

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114303.D
 Acq On : 16 May 2019 11:51
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/24/2019 9:12:13 AM

Quant Time: May 17 11:28:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	250324	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	971691	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	454600	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	907266	20.00	ng	0.00
76) Chrysene-d12	14.03	240	629118	20.00	ng	0.00
87) Perylene-d12	15.51	264	571689	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1186982	76.31	ng	0.00
7) Phenol-d6	6.50	99	1498726	81.46	ng	0.00
23) Nitrobenzene-d5	7.42	82	1421428	82.09	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	356053	75.76	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2239253	74.51	ng	0.00
79) Terphenyl-d14	12.96	244	2333634	76.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	300542	35.151	ng	99
3) Pyridine	3.36	79	838411	35.591	ng	97
4) n-Nitrosodimethylamine	3.32	42	411341	36.210	ng	94
6) Aniline	6.52	93	1003039	37.743	ng	# 51
8) 2-Chlorophenol	6.65	128	680466	40.977	ng	95
9) Benzaldehyde	6.40	77	467577	36.303	ng	100
10) Phenol	6.52	94	838987	38.766	ng	# 74
11) bis(2-Chloroethyl)ether	6.59	93	682858	41.560	ng	100
12) 1,3-Dichlorobenzene	6.79	146	749463	40.206	ng	99
13) 1,4-Dichlorobenzene	6.87	146	752690	40.072	ng	98
14) 1,2-Dichlorobenzene	7.02	146	690096	40.214	ng	98
15) Benzyl Alcohol	7.00	79	564003	39.306	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1247524	39.159	ng	82
17) 2-Methylphenol	7.12	107	546550	40.066	ng	95
18) Hexachloroethane	7.36	117	281952	39.990	ng	100
19) n-Nitroso-di-n-propylamine	7.27	70	456711	39.165	ng	98
20) 3+4-Methylphenols	7.27	107	662226	42.018	ng	# 71
22) Acetophenone	7.26	105	883032	41.021	ng	94
24) Nitrobenzene	7.43	77	736179	41.746	ng	99
25) Isophorone	7.67	82	1285630	40.036	ng	100
26) 2-Nitrophenol	7.75	139	371200	43.386	ng	98
27) 2,4-Dimethylphenol	7.79	122	506958	37.727	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	851158	40.852	ng	99
29) 2,4-Dichlorophenol	8.00	162	550985	41.178	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	604383	39.721	ng	99
31) Naphthalene	8.16	128	1855689	40.884	ng	99
32) Benzoic acid	7.93	122	352532m	38.432	ng	
33) 4-Chloroaniline	8.20	127	863258	41.736	ng	98
34) Hexachlorobutadiene	8.27	225	343194	39.641	ng	98
35) Caprolactam	8.59	113	198362	45.464	ng	95
36) 4-Chloro-3-methylphenol	8.70	107	577810	42.900	ng	99
37) 2-Methylnaphthalene	8.85	142	1228106	41.937	ng	98
38) 1-Methylnaphthalene	8.95	142	1149790	41.692	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	556760	40.430	ng	100

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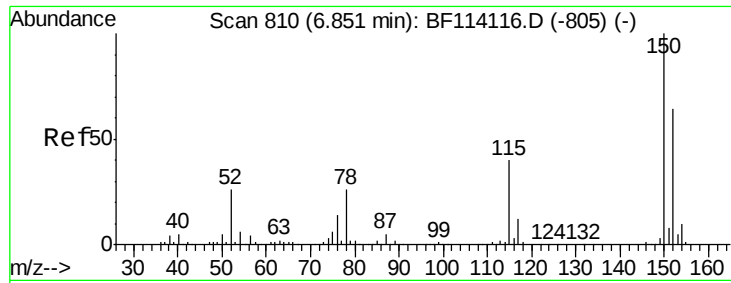
Manual Integrations
 APPROVED

mohammad
 5/24/2019 9:12:13 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	209242	35.176	nq	100
43) 2,4,6-Trichlorophenol	9.13	196	376219	39.719	nq	96
44) 2,4,5-Trichlorophenol	9.18	196	391691	40.323	nq	99
46) 1,1'-Biphenyl	9.31	154	1489031	40.545	nq	99
47) 2-Chloronaphthalene	9.34	162	1189226	40.236	nq	98
48) 2-Nitroaniline	9.43	65	457117	43.609	nq	96
49) Acenaphthylene	9.75	152	1809732	40.258	nq	99
50) Dimethylphthalate	9.60	163	1366614	40.951	nq	99
51) 2,6-Dinitrotoluene	9.67	165	304207	41.099	nq	98
52) Acenaphthene	9.92	154	1076236	39.015	nq	99
53) 3-Nitroaniline	9.85	138	394077	42.889	nq	96
54) 2,4-Dinitrophenol	9.96	184	128644	38.395	nq	98
55) Dibenzofuran	10.10	168	1566192	38.719	nq	96
56) 4-Nitrophenol	10.03	139	244536	37.633	nq	90
57) 2,4-Dinitrotoluene	10.09	165	390842	38.903	nq	# 91
58) Fluorene	10.44	166	1265168	40.493	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	313491	37.402	nq	99
60) Diethylphthalate	10.30	149	1325202	39.082	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	614447	40.041	nq	99
62) 4-Nitroaniline	10.46	138	408091	42.267	nq	99
63) Azobenzene	10.59	77	1302193	39.675	nq	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	186553	42.792	nq	83
66) n-Nitrosodiphenylamine	10.55	169	1122382	40.761	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	394005	39.442	nq	99
68) Hexachlorobenzene	10.99	284	441071	39.912	nq	98
69) Atrazine	11.07	200	328604	38.348	nq	99
70) Pentachlorophenol	11.19	266	209516	39.995	nq	99
71) Phenanthrene	11.40	178	1790480	40.564	nq	99
72) Anthracene	11.45	178	1816374	40.970	nq	99
73) Carbazole	11.61	167	1789128	42.319	nq	98
74) Di-n-butylphthalate	11.93	149	2054422	42.180	nq	99
75) Fluoranthene	12.59	202	1939629	40.806	nq	98
77) Benzidine	12.71	184	1085404	38.435	nq	97
78) Pyrene	12.82	202	2001557	39.549	nq	100
80) Butylbenzylphthalate	13.43	149	914835	42.946	nq	99
81) Benzo(a)anthracene	14.02	228	1727268	42.448	nq	100
82) 3,3'-Dichlorobenzidine	13.97	252	661688	41.918	nq	# 98
83) Chrysene	14.05	228	1637958	41.063	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1222162	43.868	nq	100
85) Di-n-octyl phthalate	14.62	149	1986671	43.989	nq	100
86) Indeno(1,2,3-cd)pyrene	17.01	276	1428706	40.527	nq	99
88) Benzo(b)fluoranthene	15.08	252	1641708	44.824	nq	98
89) Benzo(k)fluoranthene	15.12	252	1413746	42.020	nq	99
90) Benzo(a)pyrene	15.45	252	1414026	43.868	nq	99
91) Dibenzo(a,h)anthracene	17.02	278	1160949	43.344	nq	99
92) Benzo(g,h,i)perylene	17.45	276	1188698	44.285	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



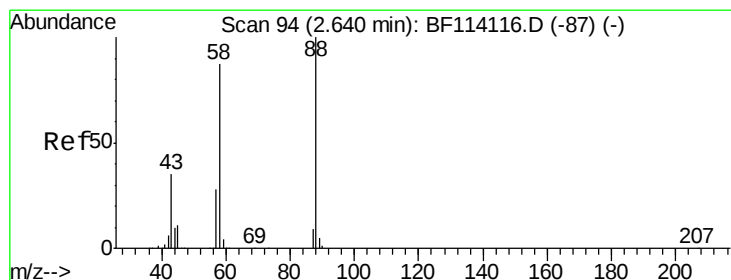
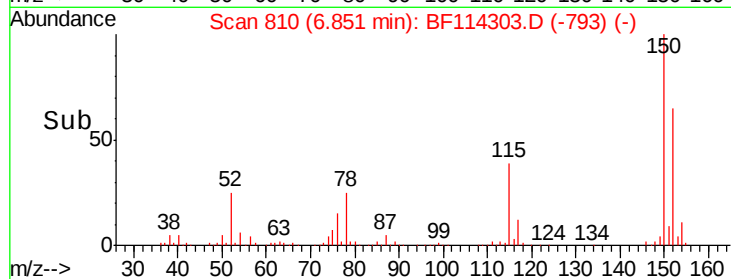
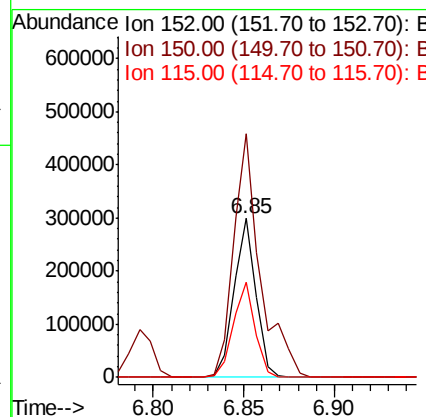
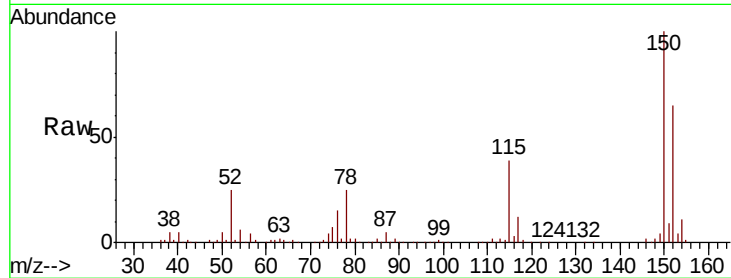
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF114303.D
 Acq: 16 May 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.3	186.5
115	59.4	49.1	73.7

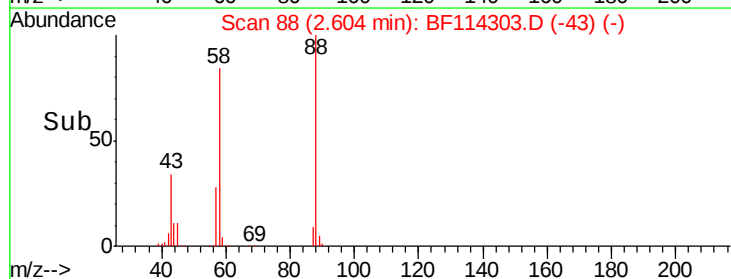
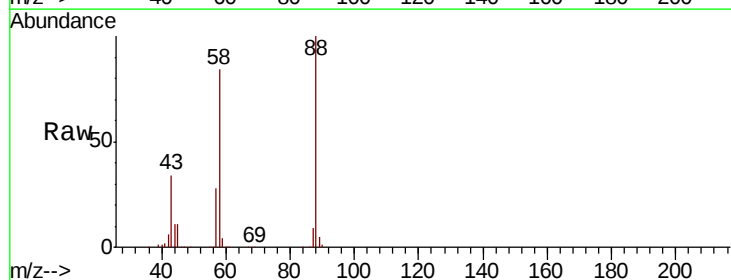
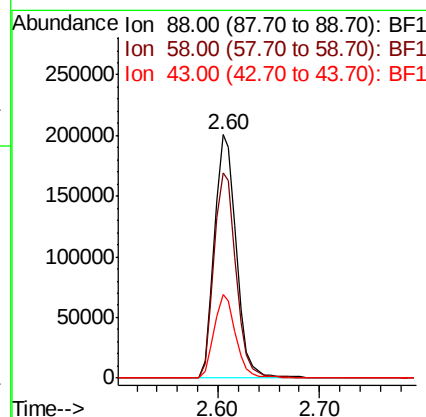
Manual Integrations
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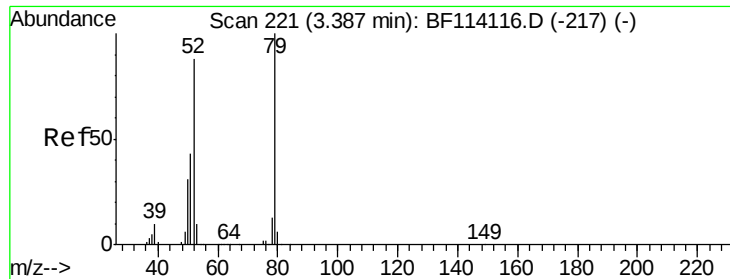
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 5/24/2019 9:12:13 AM



#2
 1,4-Dioxane
 Concen: 35.151 ng
 RT: 2.60 min Scan# 88
 Delta R.T. -0.04 min
 Lab File: BF114303.D
 Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.6	68.7	103.1
43	34.3	28.2	42.2





#3

Pvridine

Concen: 35.591 ng

RT: 3.36 min Scan# 217

Delta R.T. -0.02 min

Lab File: BF114303.D

Acq: 16 May 2019 11:51

Instrument :

BNA_F

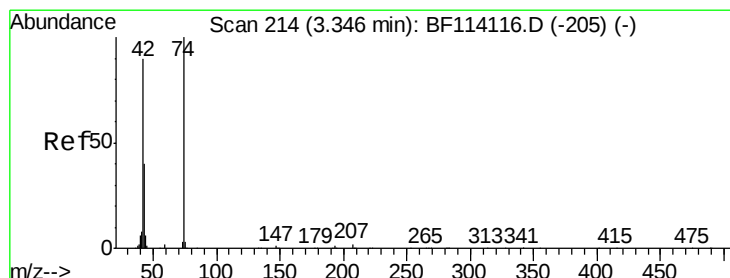
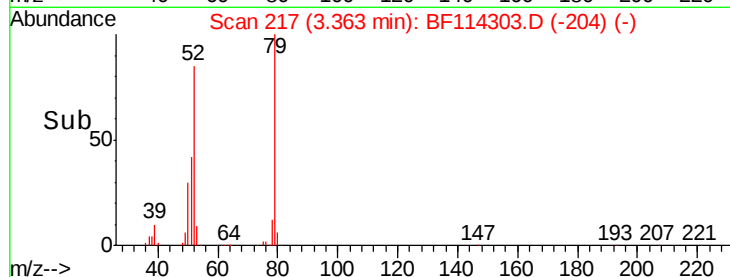
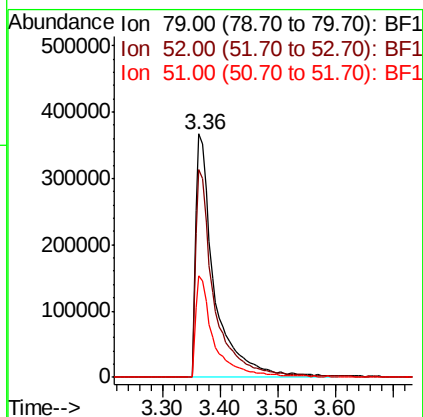
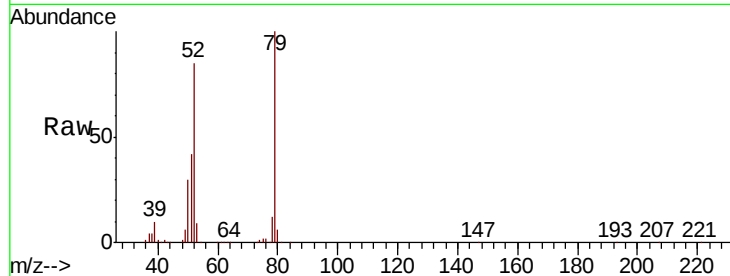
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	838411
Ion Ratio	Lower	Upper	
79	100		
52	85.3	70.6	105.8
51	41.5	34.2	51.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.210 ng

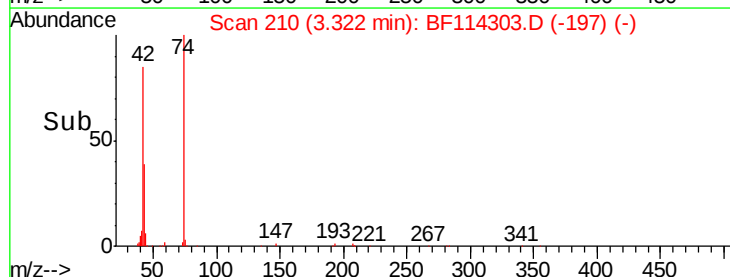
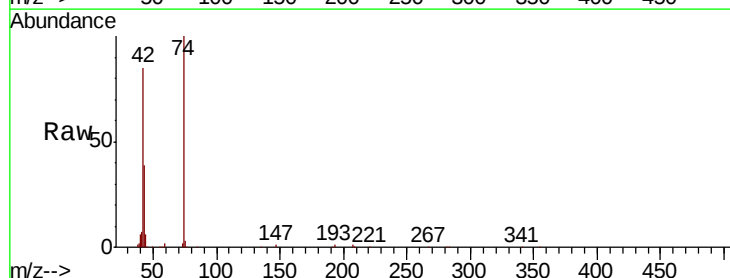
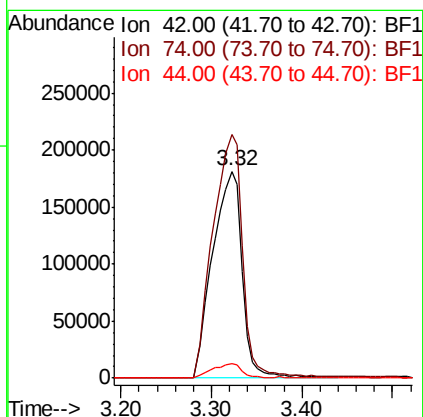
RT: 3.32 min Scan# 210

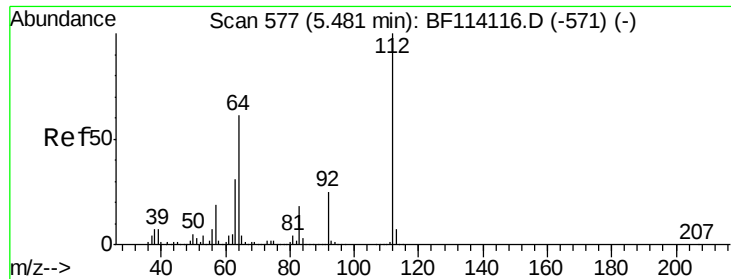
Delta R.T. -0.02 min

Lab File: BF114303.D

Acq: 16 May 2019 11:51

Tgt Ion:	42	Resp:	411341
Ion Ratio	Lower	Upper	
42	100		
74	117.7	88.6	132.8
44	7.0	5.5	8.3





#5

2-Fluorophenol

Concen: 76.308 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114303.D

Acq: 16 May 2019 11:51

Instrument :

BNA_F

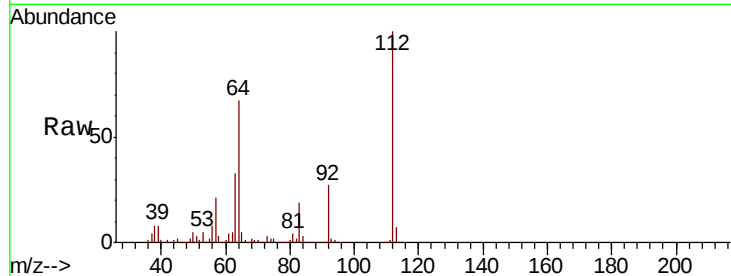
ClientSampled :

SSTDCCC040

Tot Ion:	112	Resp:	1186982
Ion	Ratio	Lower	Upper
112	100		
64	66.6	49.0	73.6
63	33.3	24.6	37.0

Manual Integrations
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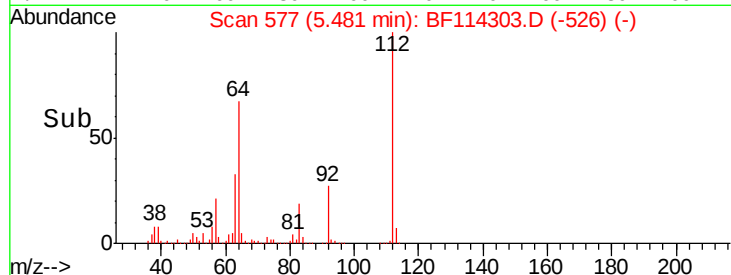


Abundance Ion 112.00 (111.70 to 112.70): BF114116.D (-571) (-)

Ion 64.00 (63.70 to 64.70): BF114116.D (-571) (-)

Ion 63.00 (62.70 to 63.70): BF114116.D (-571) (-)

Time-->

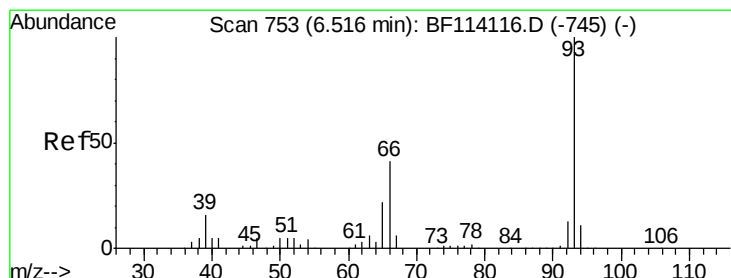


Abundance Ion 112.00 (111.70 to 112.70): BF114303.D (-526) (-)

Ion 64.00 (63.70 to 64.70): BF114303.D (-526) (-)

Ion 63.00 (62.70 to 63.70): BF114303.D (-526) (-)

Time-->



#6

Aniline

Concen: 37.743 ng

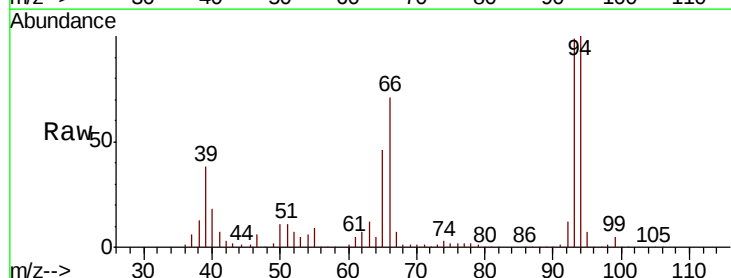
RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF114303.D

Acq: 16 May 2019 11:51

Tgt Ion:	93	Resp:	1003039
Ion	Ratio	Lower	Upper
93	100		
66	72.0	33.2	49.8#
65	46.3	17.6	26.4#

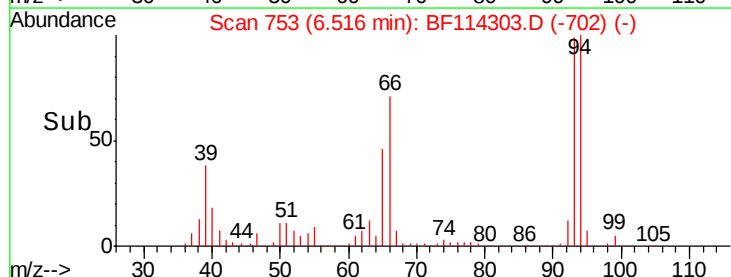


Abundance Ion 93.00 (92.70 to 93.70): BF114116.D (-745) (-)

Ion 66.00 (65.70 to 66.70): BF114116.D (-745) (-)

Ion 65.00 (64.70 to 65.70): BF114116.D (-745) (-)

Time-->

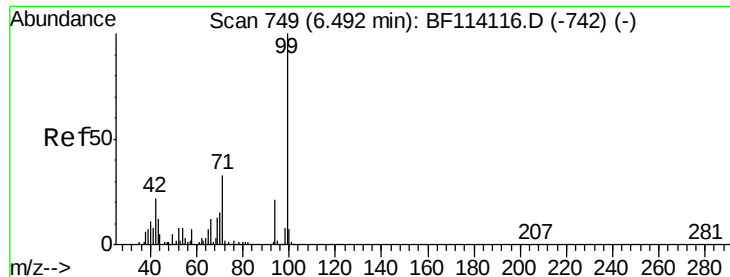


Abundance Ion 93.00 (92.70 to 93.70): BF114303.D (-702) (-)

Ion 66.00 (65.70 to 66.70): BF114303.D (-702) (-)

Ion 65.00 (64.70 to 65.70): BF114303.D (-702) (-)

Time-->



#7

Phenol-d6

Concen: 81.463 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114303.D

Acq: 16 May 2019 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1498726

Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

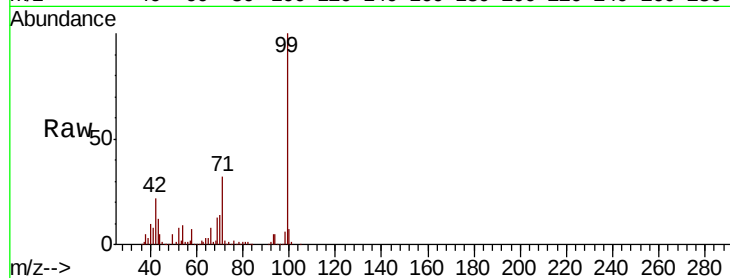
71 31.9 26.2 39.2

Manual Integrations

APPROVED

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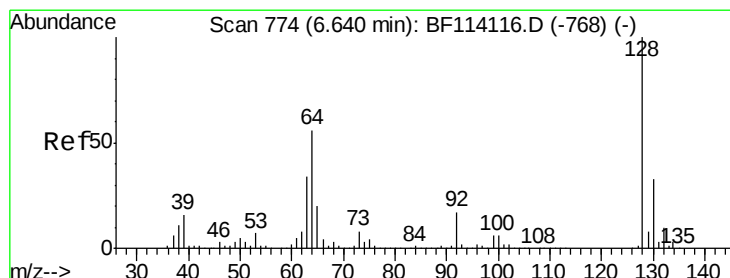
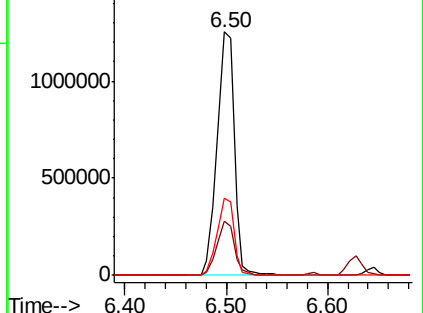
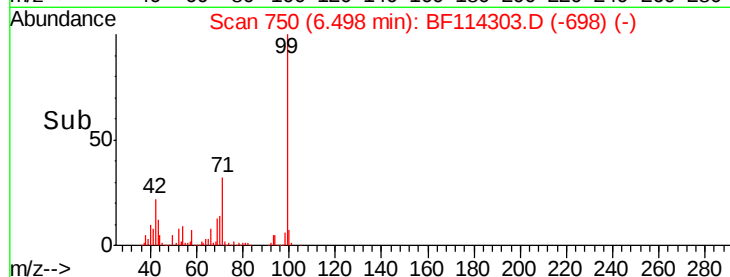
5/24/2019 9:12:13 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.977 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114303.D

Acq: 16 May 2019 11:51

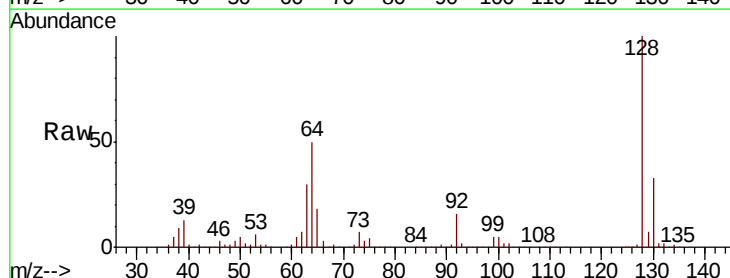
Tgt Ion:128 Resp: 680466

Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

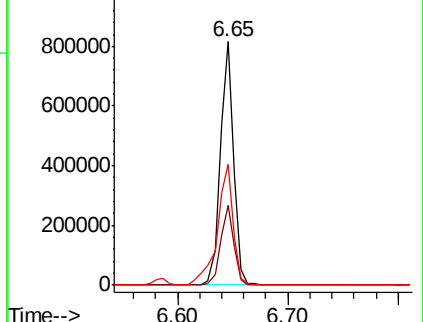
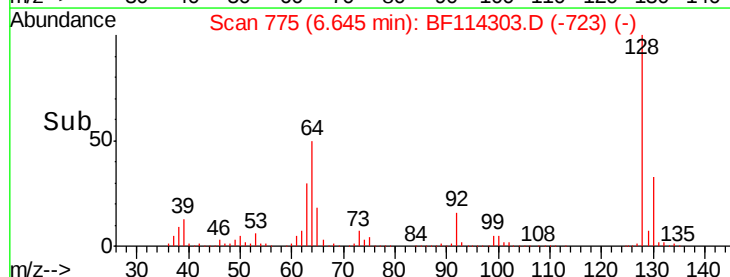
64 49.8 35.9 75.9

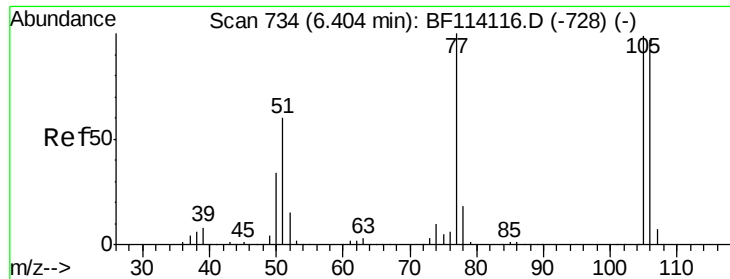


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





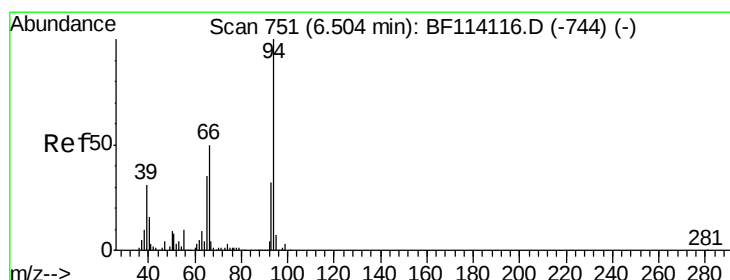
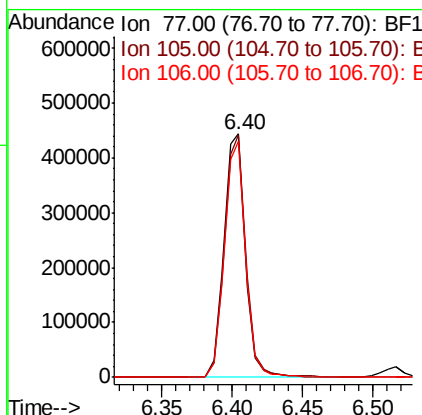
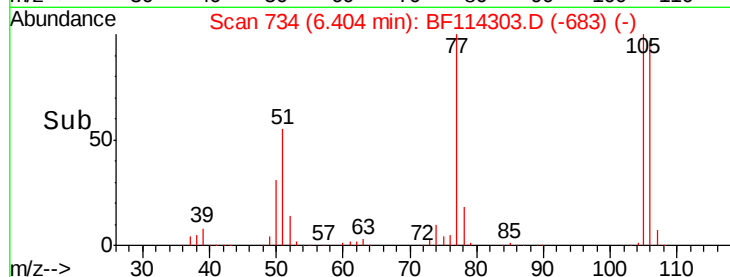
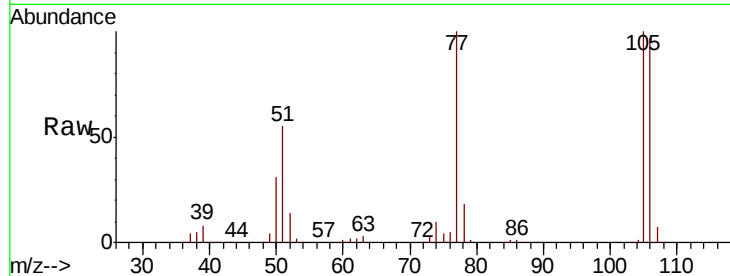
#9
Benzaldehyde
Concen: 36.303 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.7	79.3	119.3
106	97.0	77.0	117.0

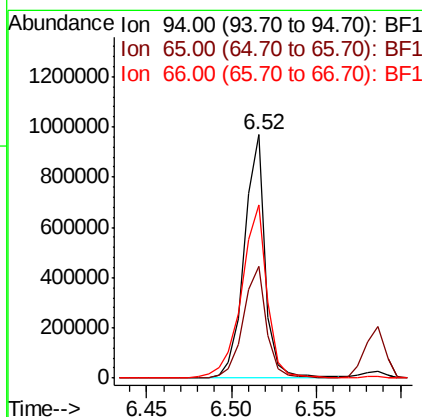
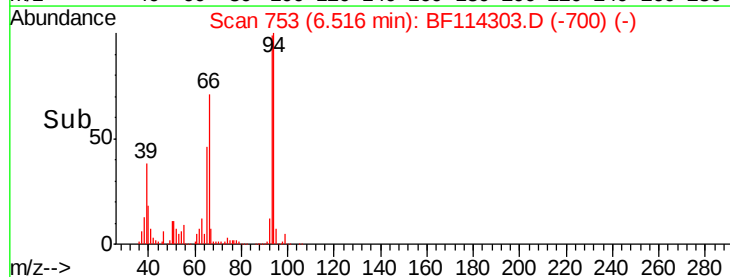
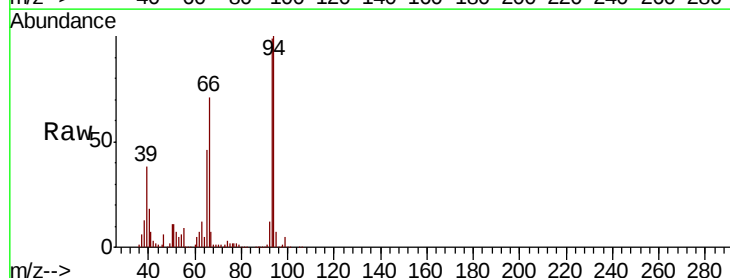
Manual Integrations
APPROVED

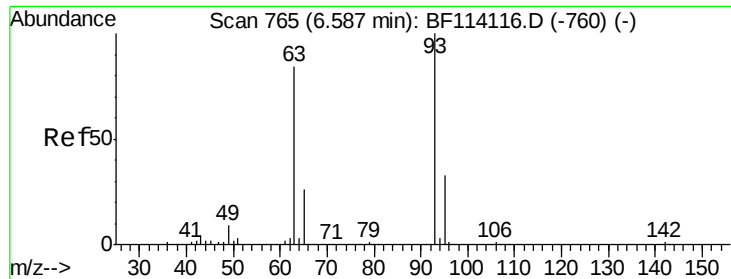
mohammad
5/24/2019 9:12:13 AM



#10
Phenol
Concen: 38.766 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	45.8	14.7	54.7
66	71.1	29.6	69.6





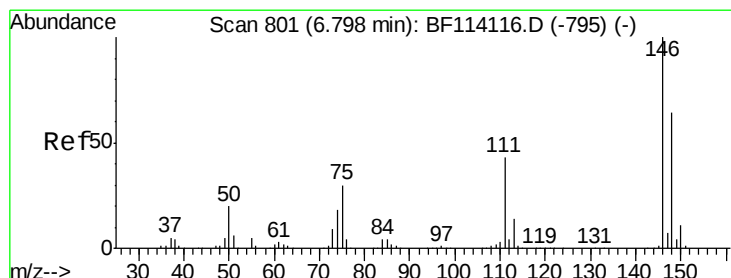
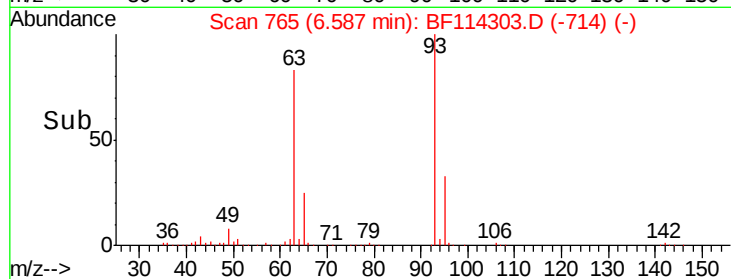
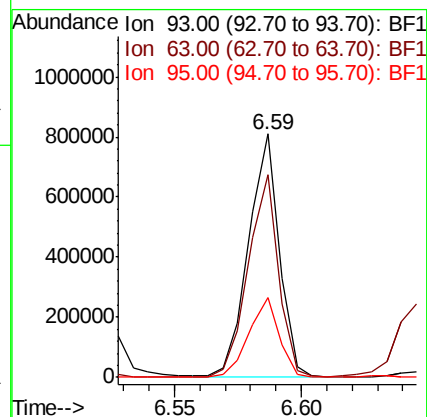
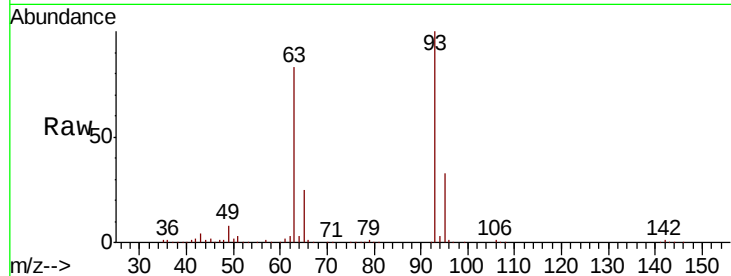
#11
bis(2-Chloroethyl)ether
Concen: 41.560 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.2	63.6	103.6
95	33.0	13.1	53.1

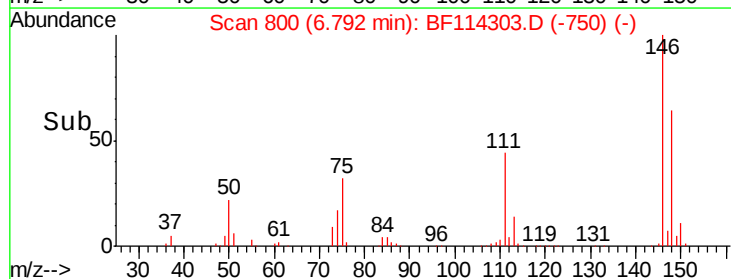
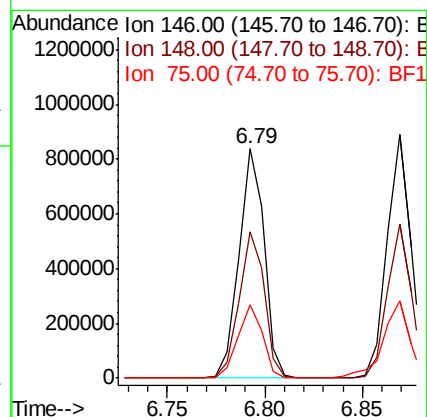
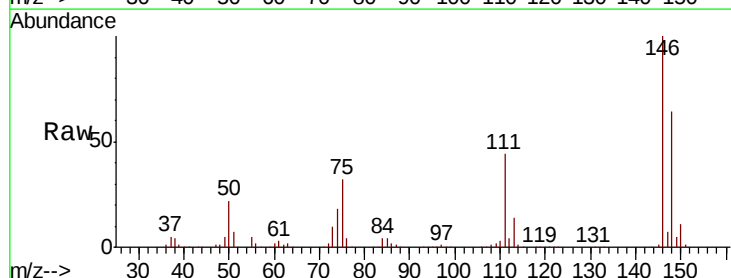
Manual Integrations
APPROVED

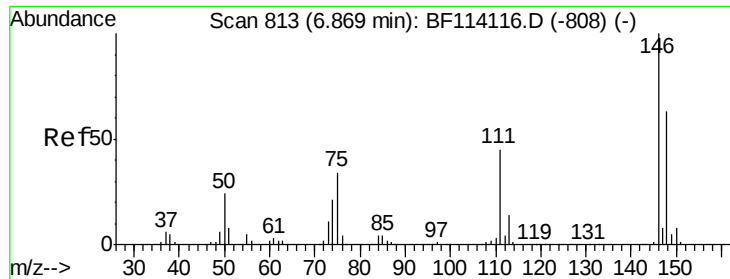
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.206 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.6	77.4
75	31.8	24.2	36.2





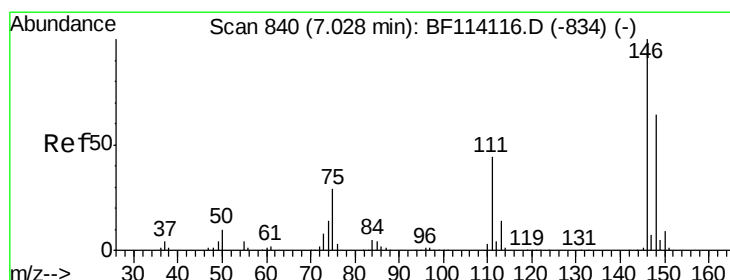
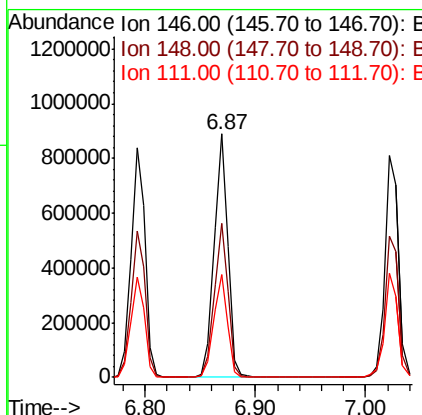
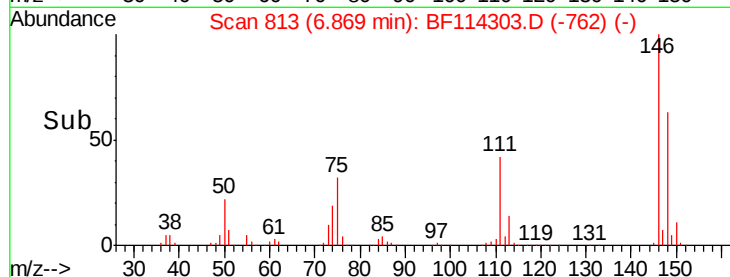
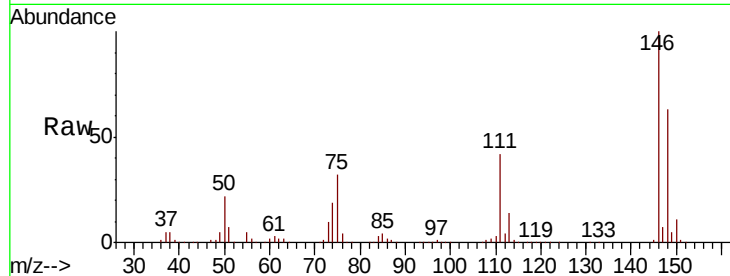
#13
1,4-Dichlorobenzene
Concen: 40.072 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.2	75.2
111	42.4	35.8	53.6

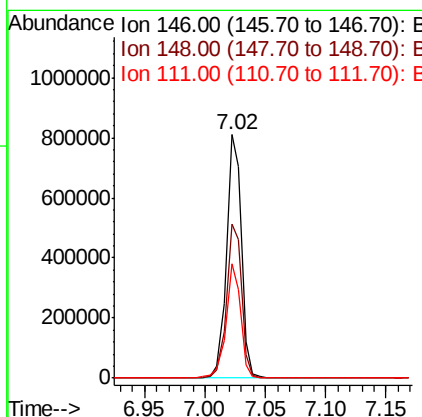
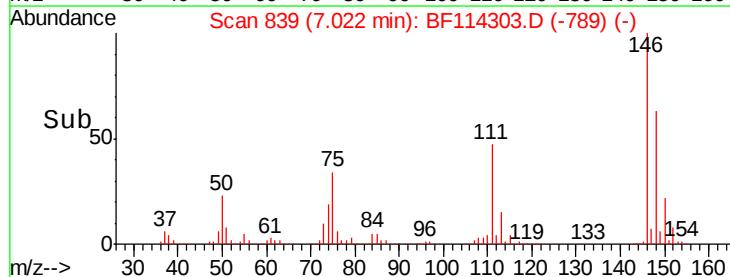
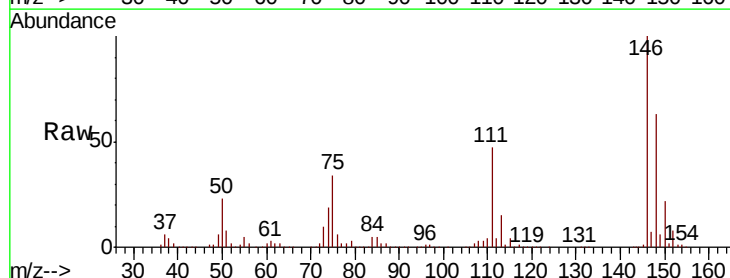
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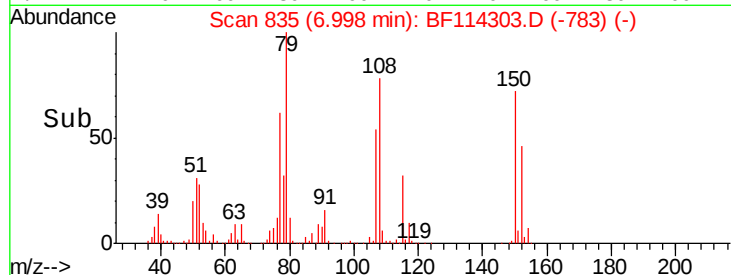
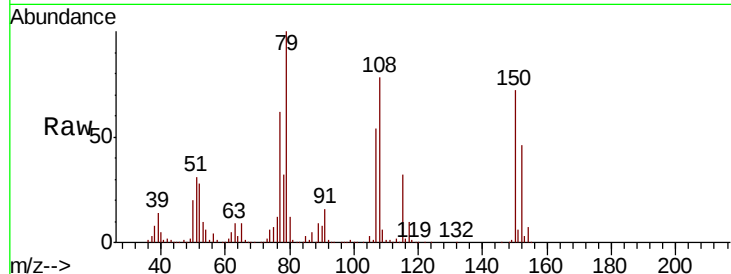
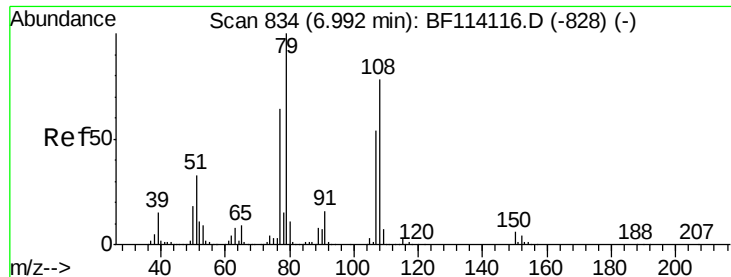
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.214 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	46.9	35.3	52.9





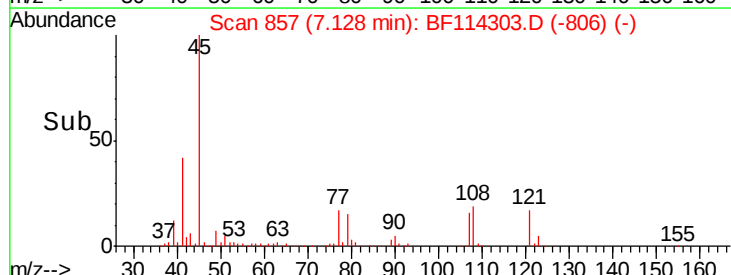
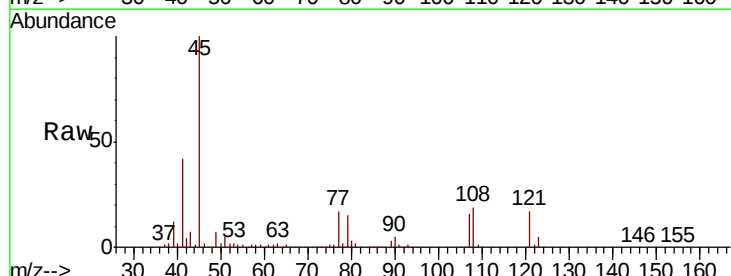
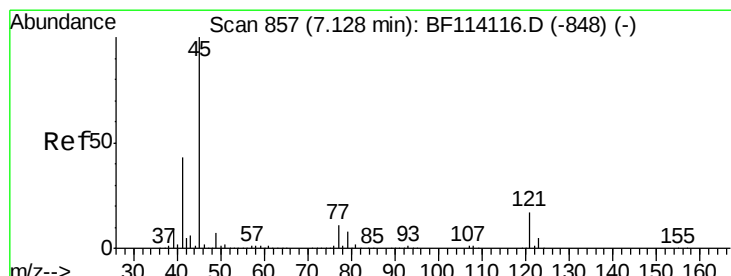
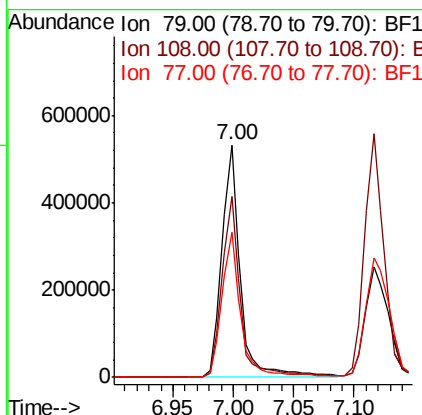
#15
Benzyl Alcohol
Concen: 39.306 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.0	62.1	93.1
77	62.5	51.0	76.6

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

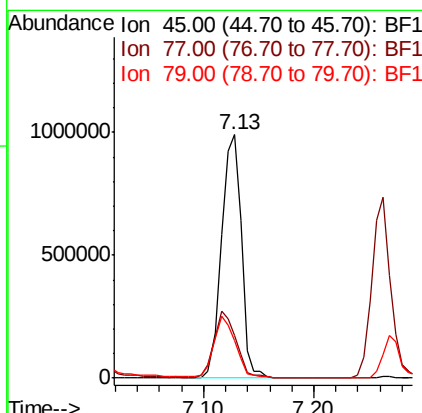
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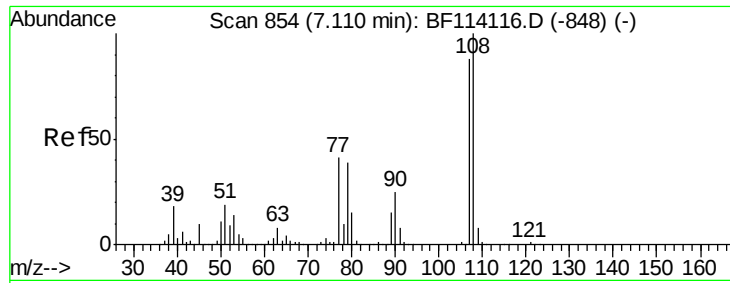
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.159 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.4	0.0	31.1
79	15.2	0.0	28.4





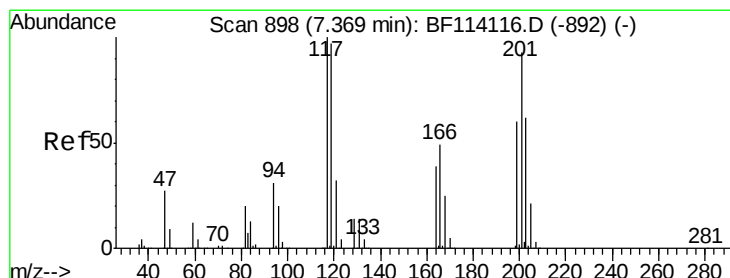
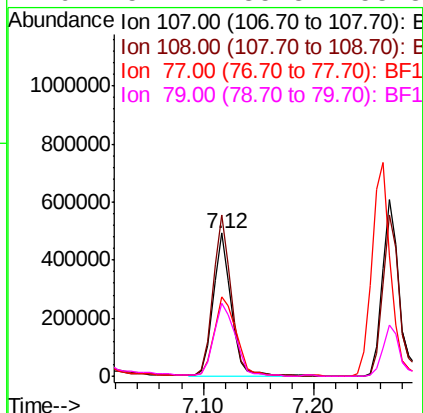
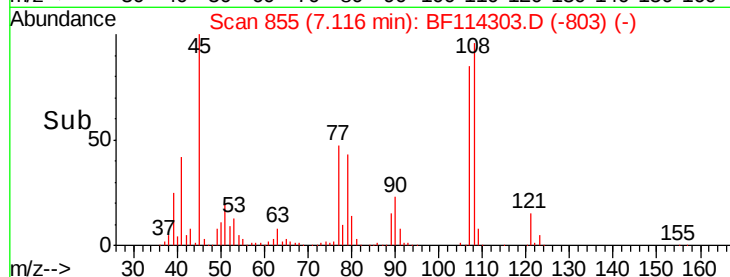
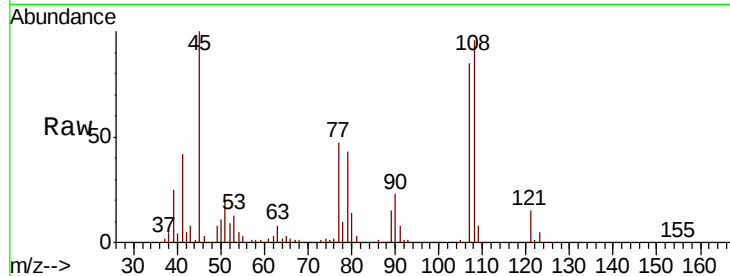
#17
2-Methylphenol
Concen: 40.066 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	546550
Ion Ratio	Lower	Upper	
107	100		
108	113.1	90.5	135.7
77	55.2	37.0	55.4
79	51.4	35.8	53.8

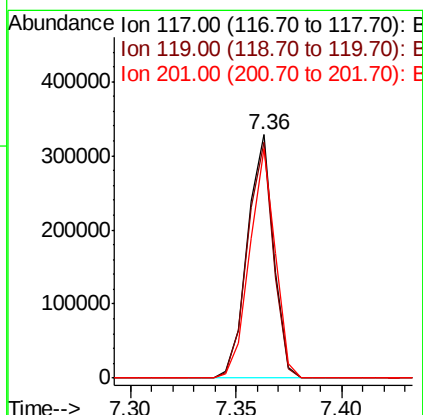
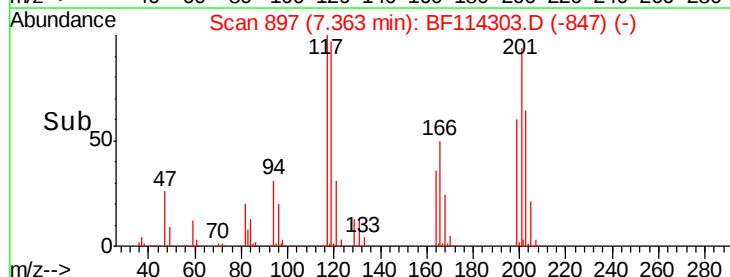
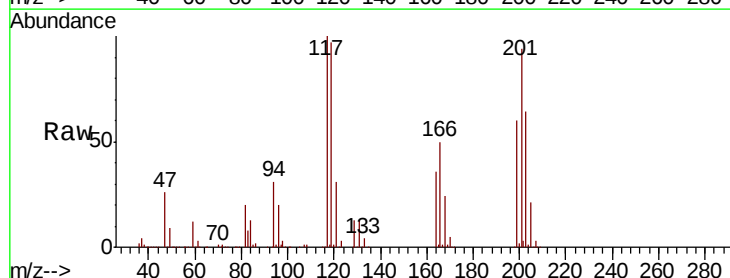
Manual Integrations
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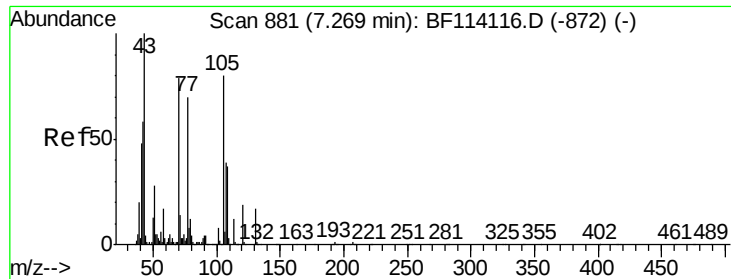
mohammad
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#18
Hexachloroethane
Concen: 39.990 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tgt Ion:	117	Resp:	281952
Ion Ratio	Lower	Upper	
117	100		
119	96.8	77.4	116.2
201	94.0	74.5	111.7





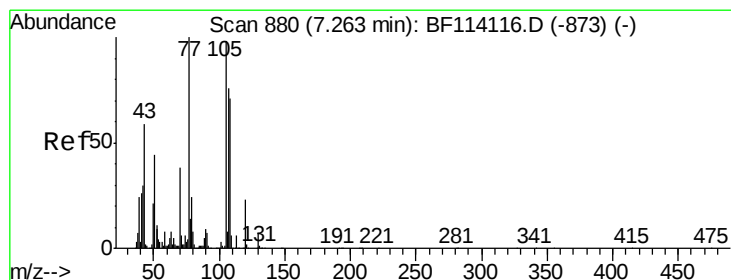
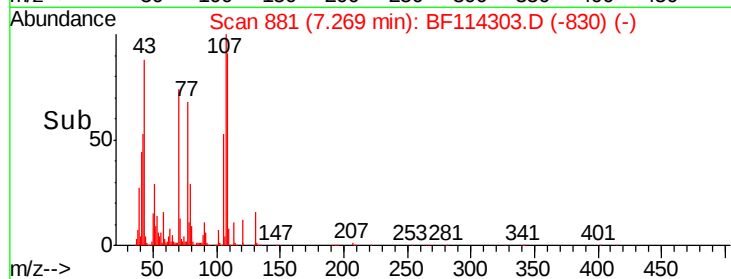
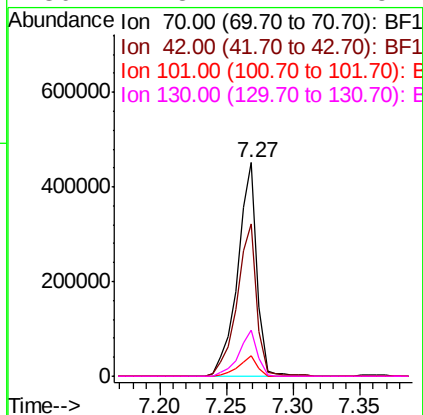
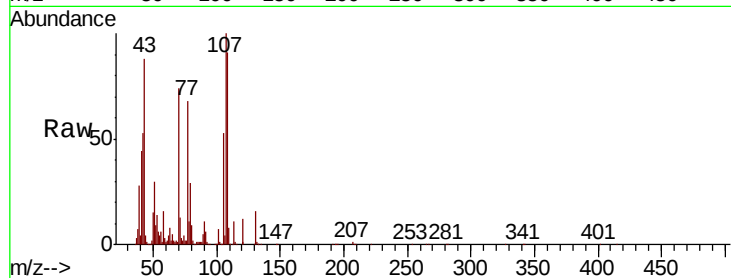
#19
n-Nitroso-di-n-propylamine
Concen: 39.165 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.4	58.6	87.8
101	9.4	7.8	11.8
130	21.8	17.1	25.7

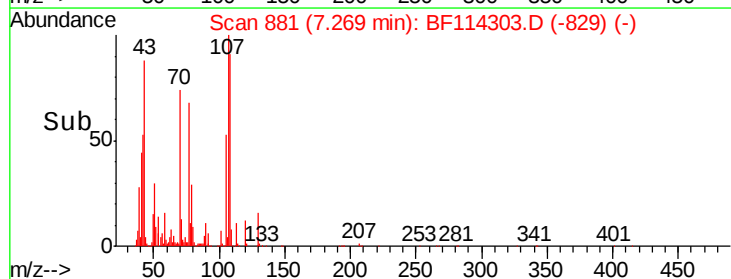
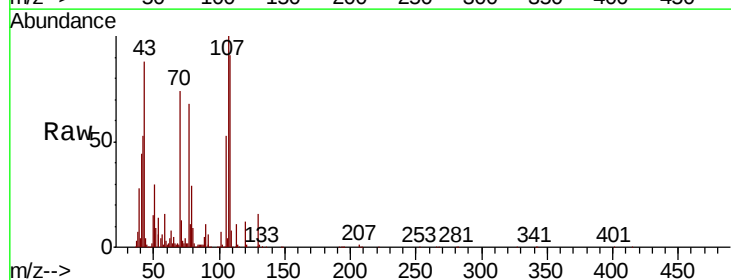
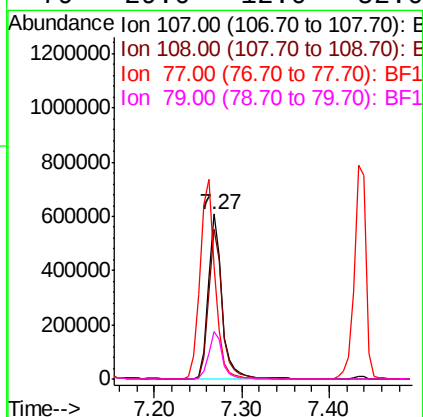
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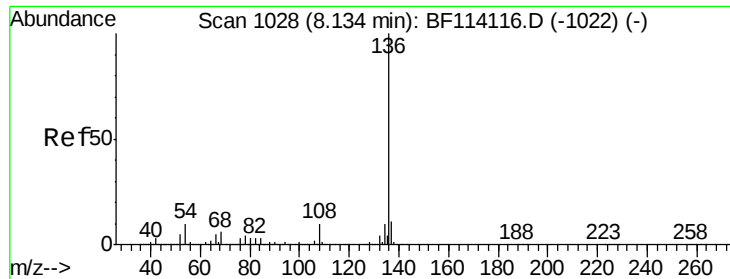
mohammad
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#20
3+4-Methylphenols
Concen: 42.018 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	73.8	113.8
77	68.5	111.5	151.5#
79	29.0	12.0	52.0





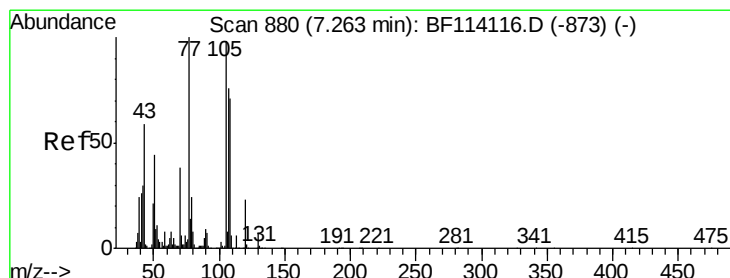
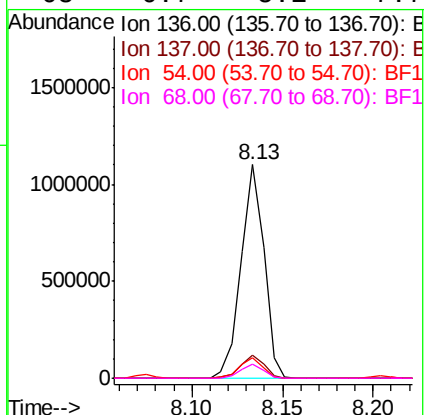
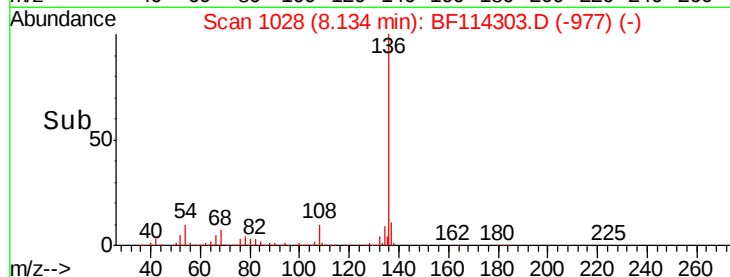
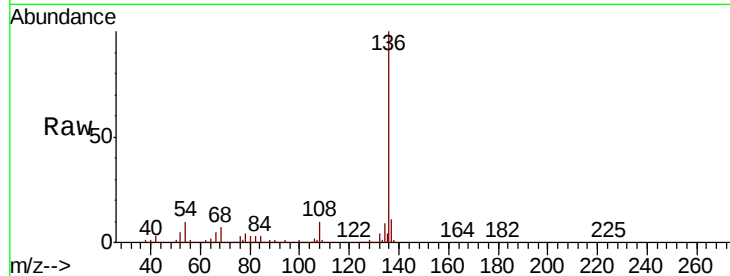
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		971691		
137	10.8		8.8	13.2	
54	9.6		7.8	11.8	
68	6.7		5.1	7.7	

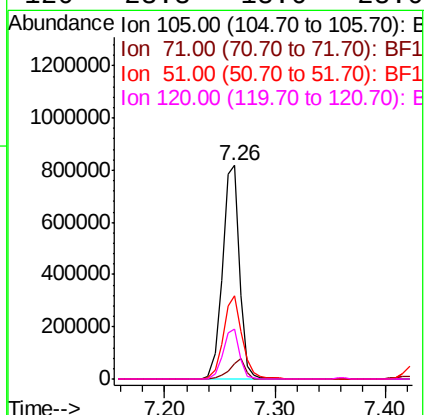
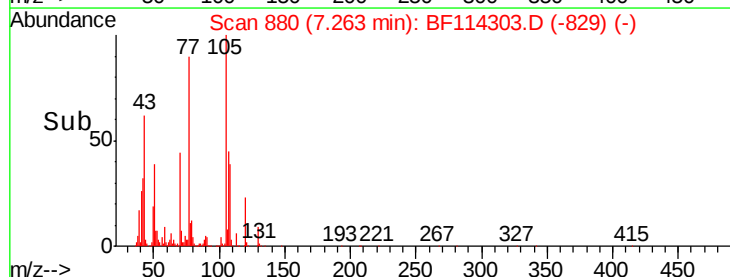
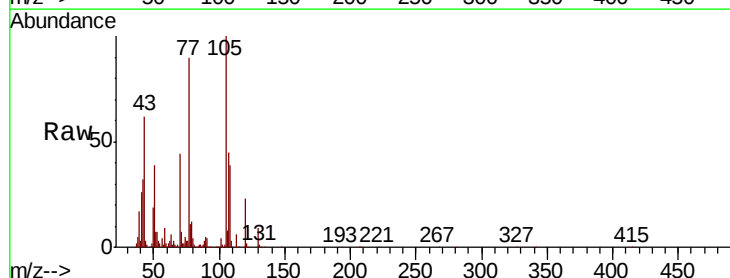
Manual Integrations
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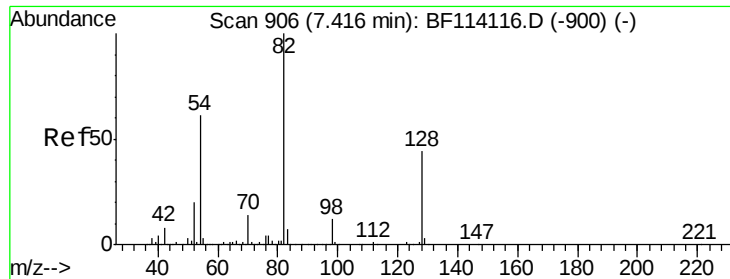
mohammad
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#22
Acetophenone
Concen: 41.021 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		883032		
71	7.3		5.3	7.9	
51	38.9		36.2	54.4	
120	23.3		18.6	28.0	





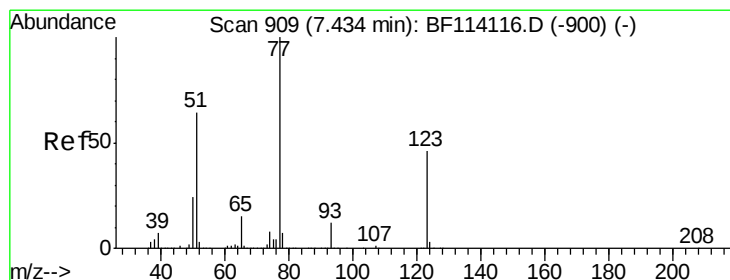
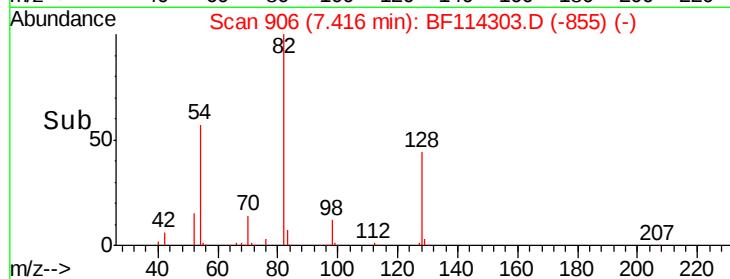
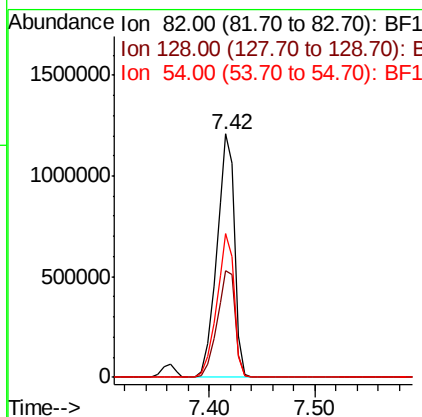
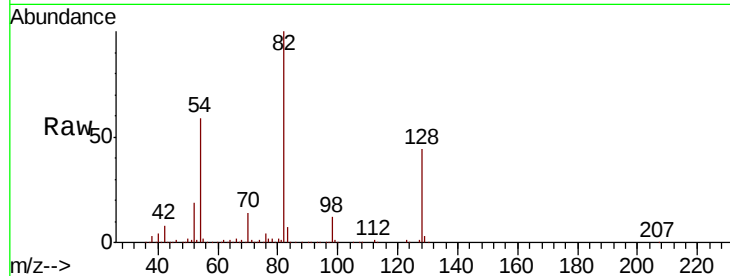
#23
 Nitrobenzene-d5
 Concen: 82.095 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF114303.D
 Acq: 16 May 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.5	53.3
54	59.2	48.5	72.7

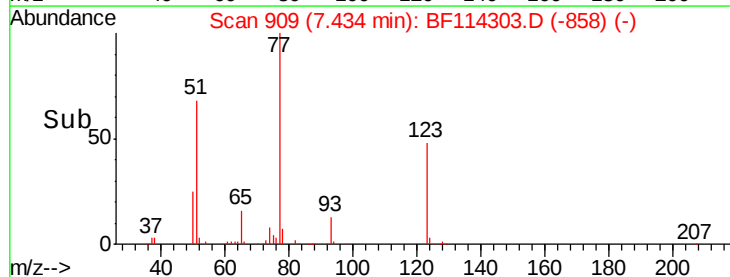
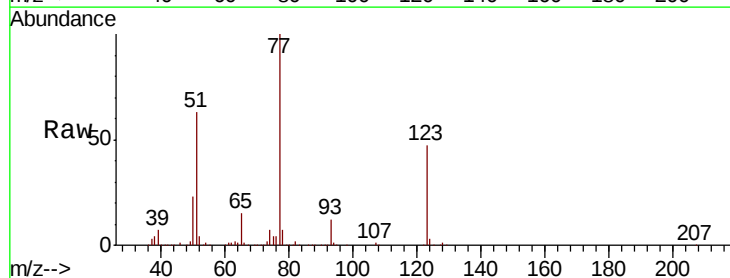
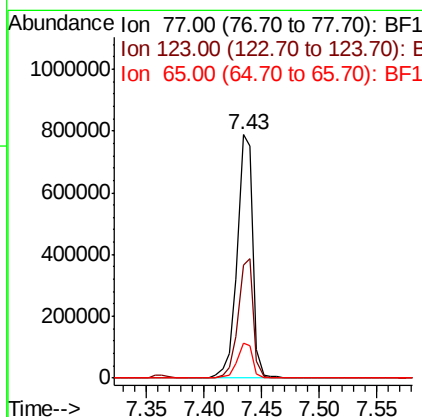
Manual Integrations
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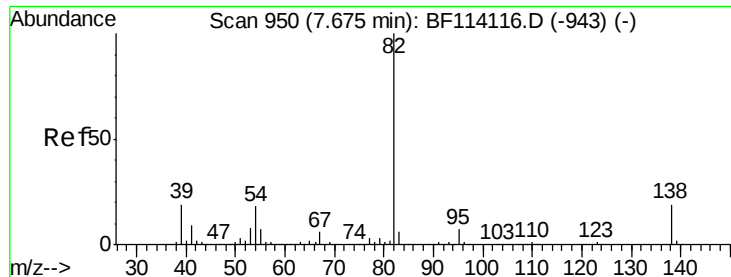
mohammad
 5/24/2019 9:12:13 AM



#24
 Nitrobenzene
 Concen: 41.746 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF114303.D
 Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.5	36.9	55.3
65	14.5	11.8	17.6





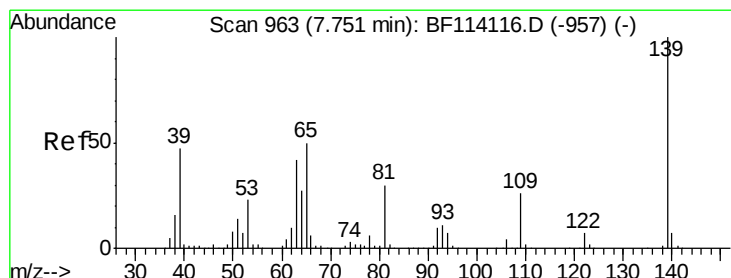
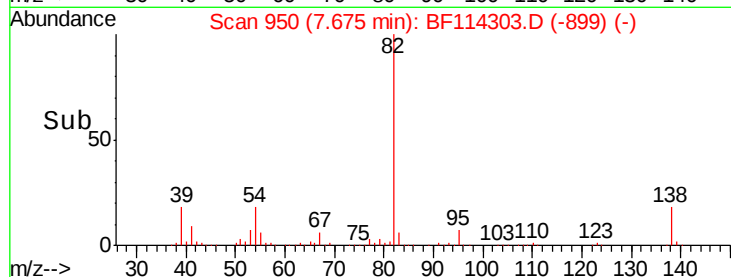
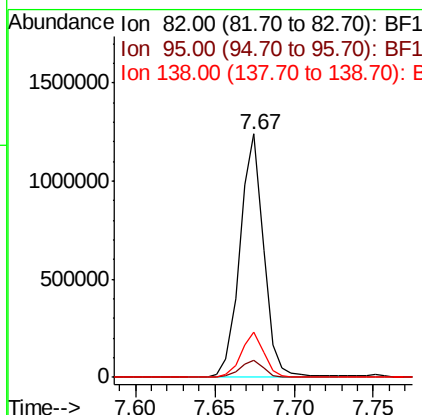
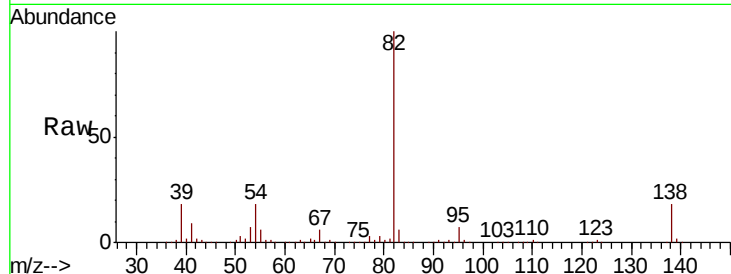
#25
Isophorone
Concen: 40.036 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	18.4	14.8	22.2

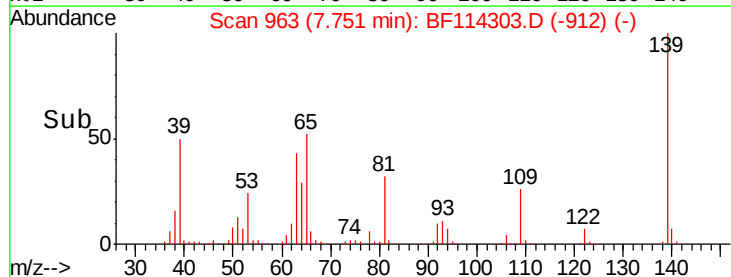
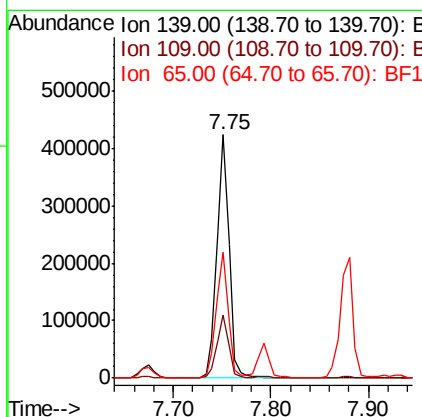
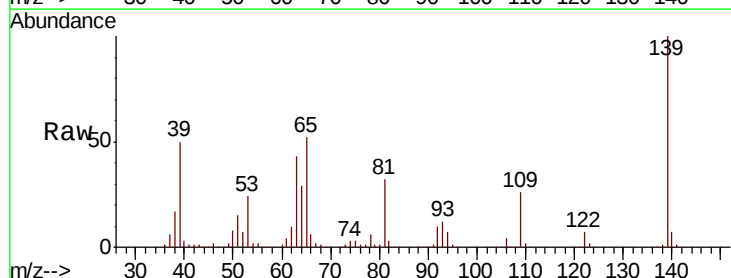
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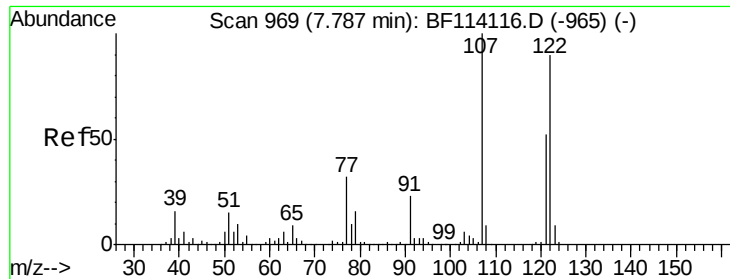
mohammad
5/24/2019 9:12:13 AM



#26
2-Nitrophenol
Concen: 43.386 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.8	20.7	31.1
65	51.8	40.2	60.2





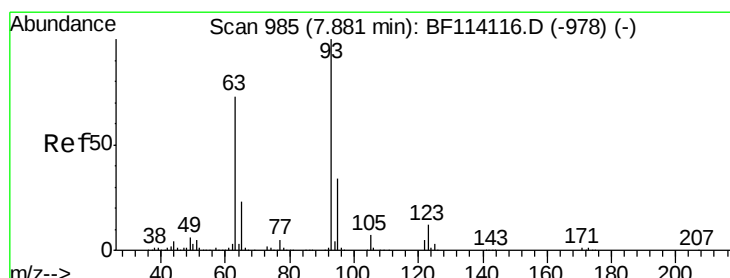
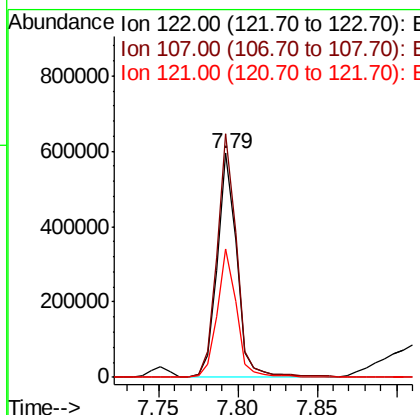
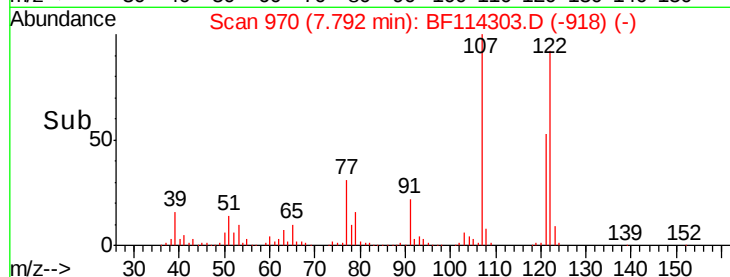
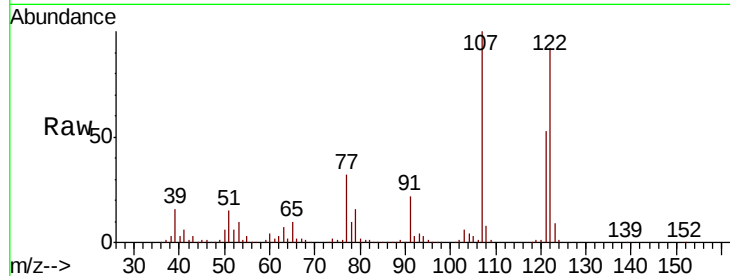
#27
2,4-Dimethylphenol
Concen: 37.727 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.8	88.4	132.6
121	57.1	45.9	68.9

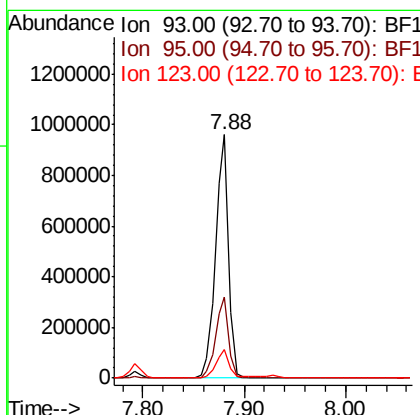
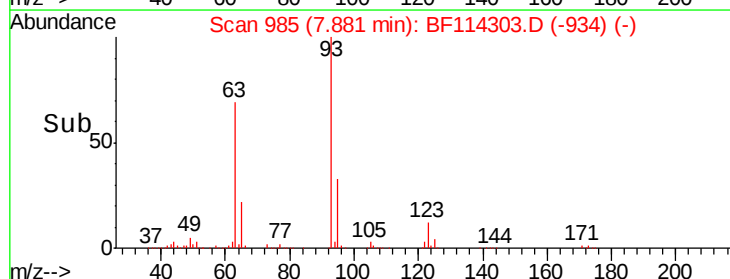
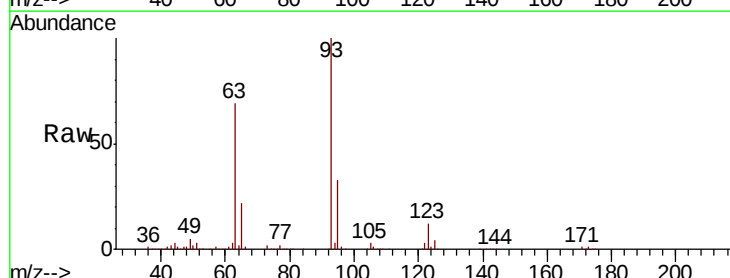
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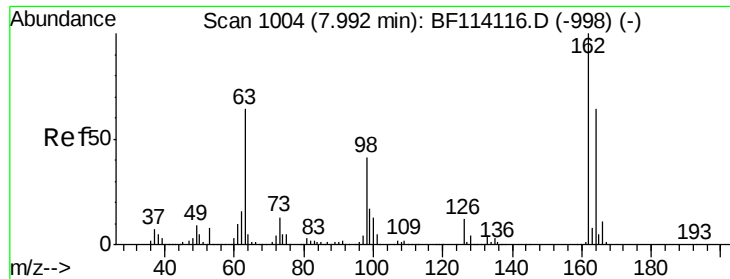
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.852 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.8	40.2
123	11.9	9.5	14.3





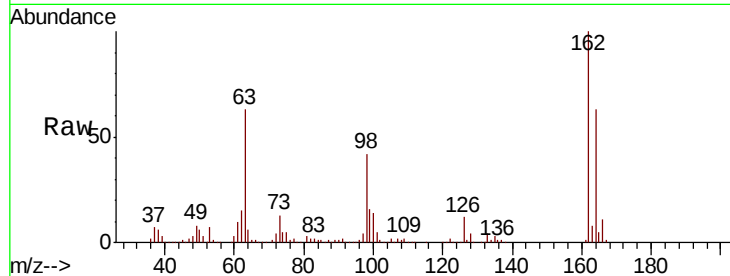
#29
2,4-Dichlorophenol
Concen: 41.178 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

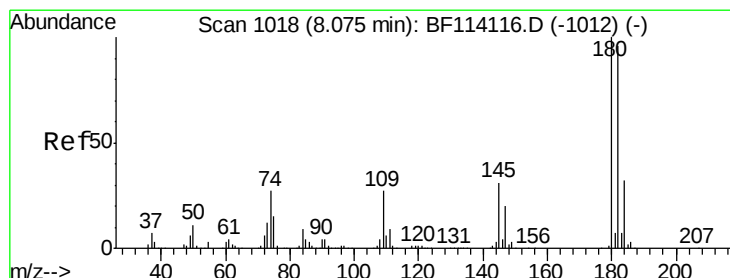
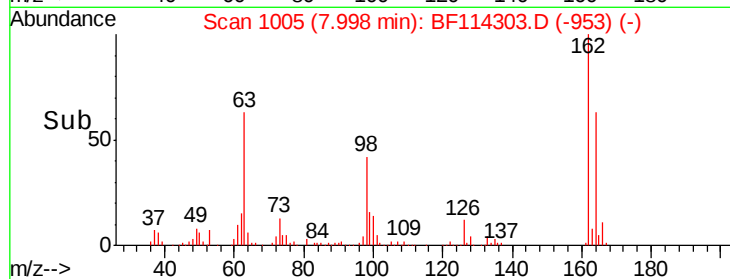
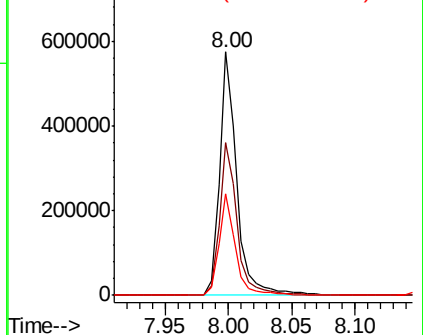
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.9	43.6	83.6	
98	41.6	20.6	60.6	

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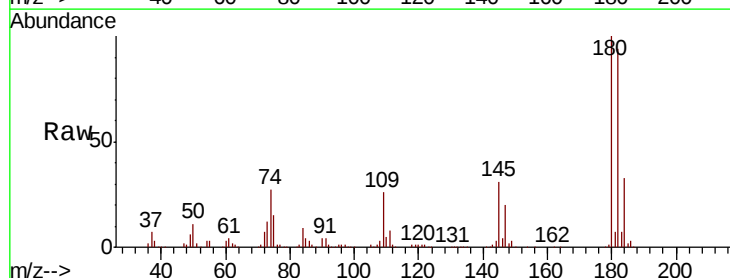


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

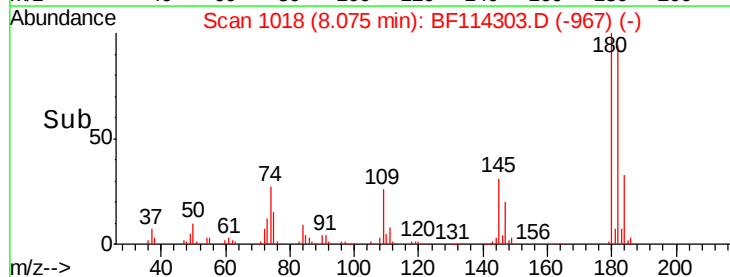
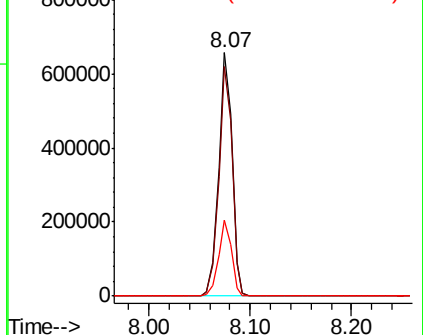


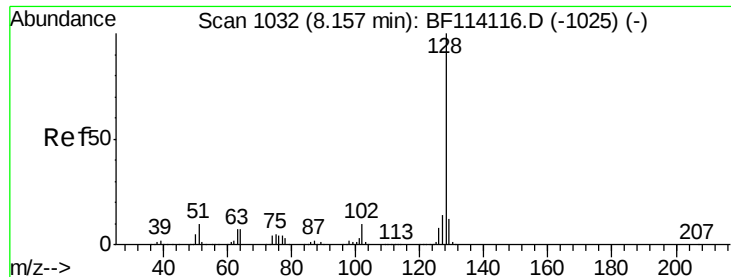
#30
1,2,4-Trichlorobenzene
Concen: 39.721 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.4	76.6	114.8	
145	31.0	25.1	37.7	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





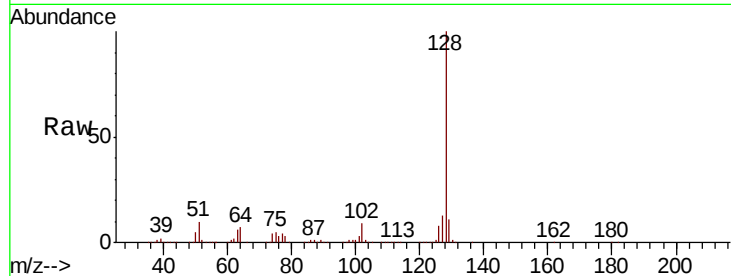
#31
Naphthalene
Concen: 40.884 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.6	14.4
127	13.5	11.3	16.9

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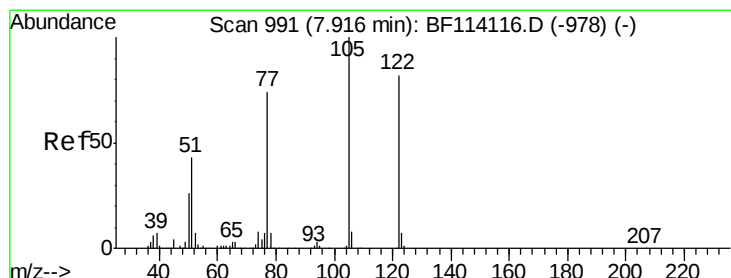
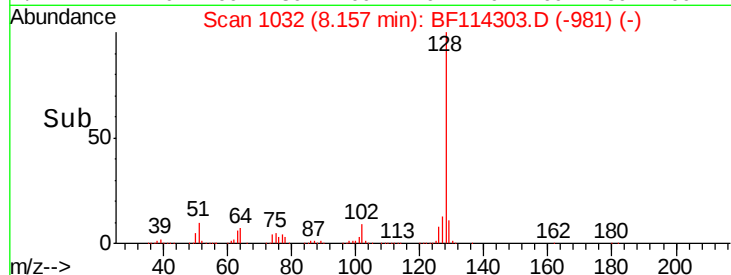
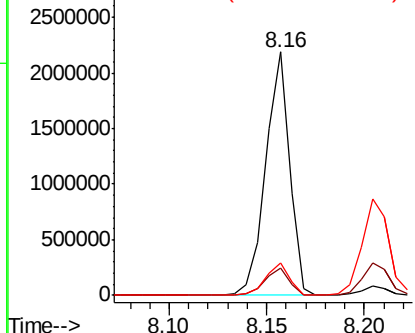


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 38.432 ng m
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

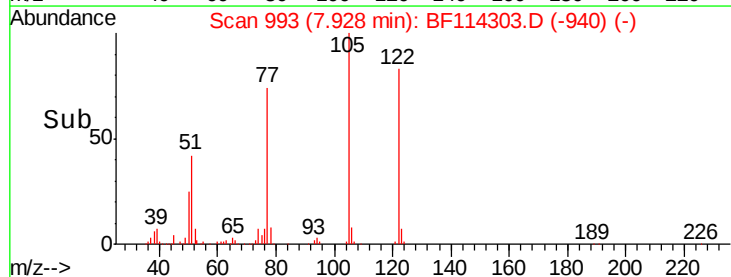
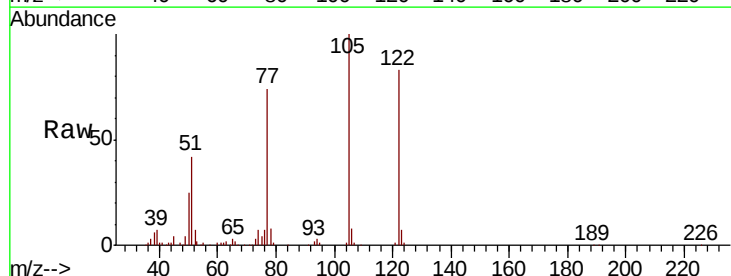
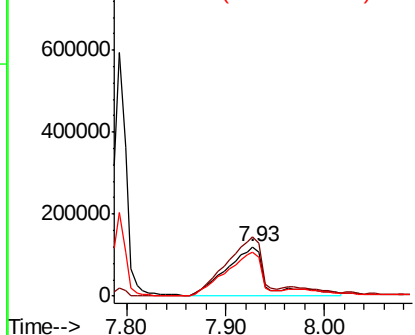
Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.0	99.9	139.9
77	89.4	69.4	109.4

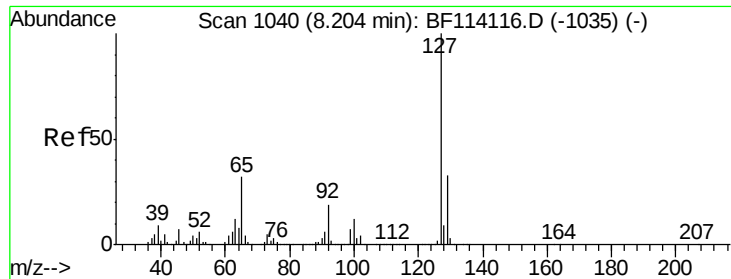
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





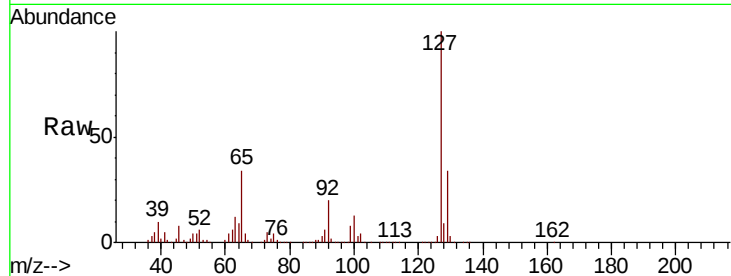
#33
4-Chloroaniline
Concen: 41.736 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

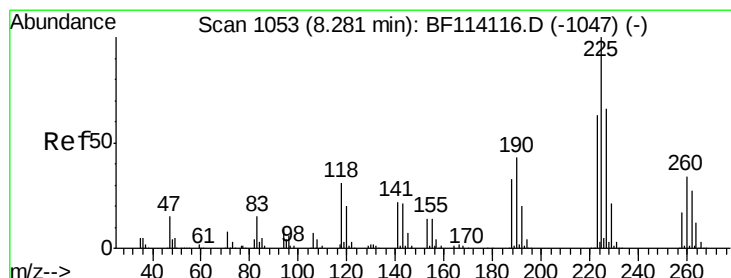
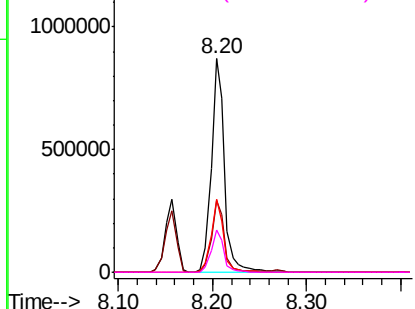
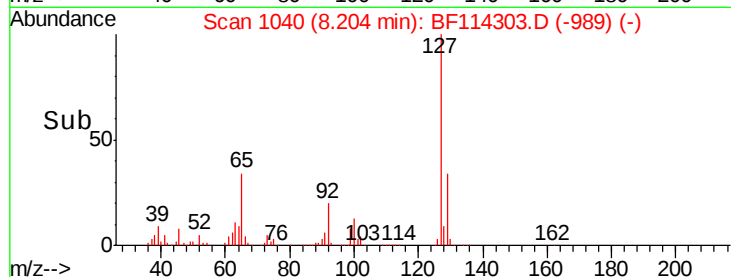
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.5	26.7	40.1	
65	33.9	25.4	38.0	
92	19.6	15.4	23.2	

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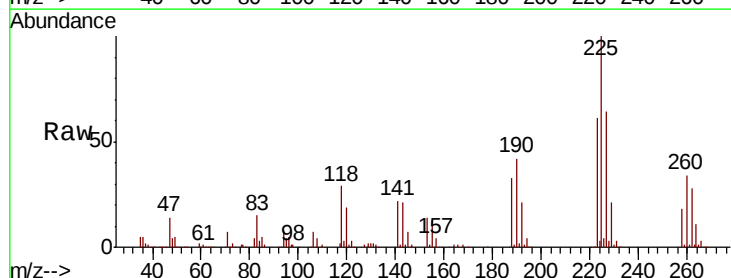


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

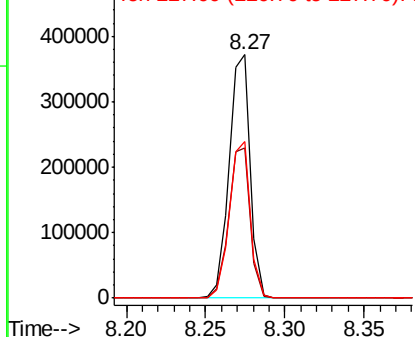
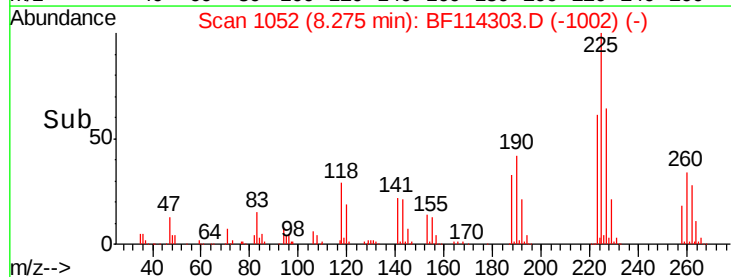


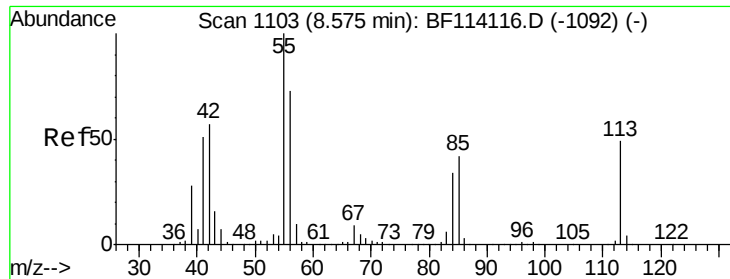
#34
Hexachlorobutadiene
Concen: 39.641 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.5	50.2	75.2	
227	64.3	52.6	79.0	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





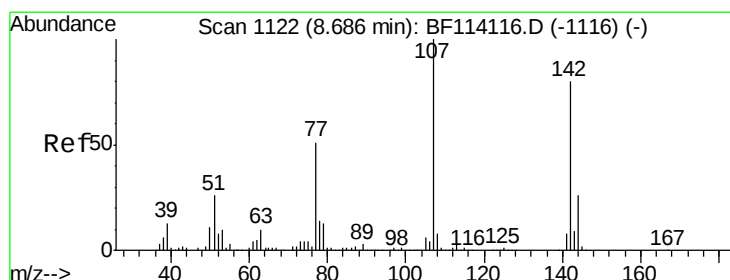
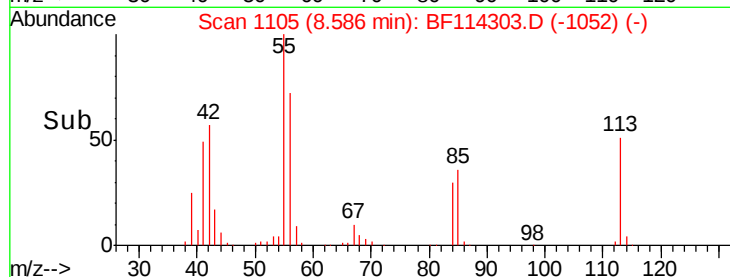
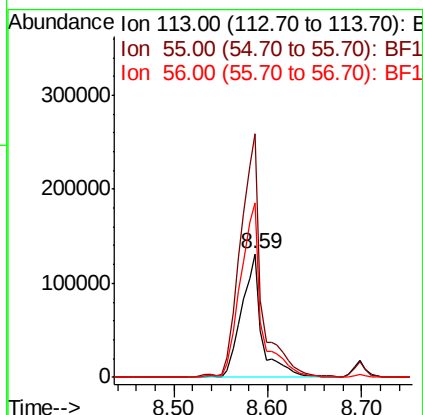
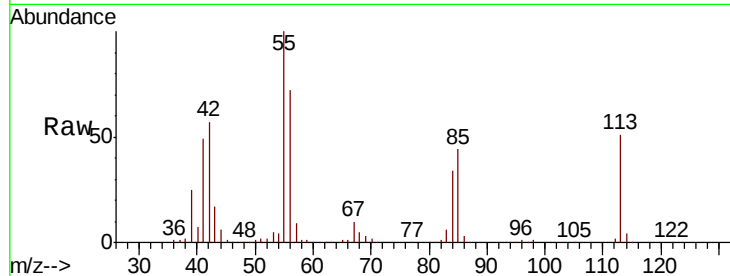
#35
 Caprolactam
 Concen: 45.464 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF114303.D
 Acq: 16 May 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		198362		
55	197.5		183.5	223.5	
56	141.5		128.8	168.8	

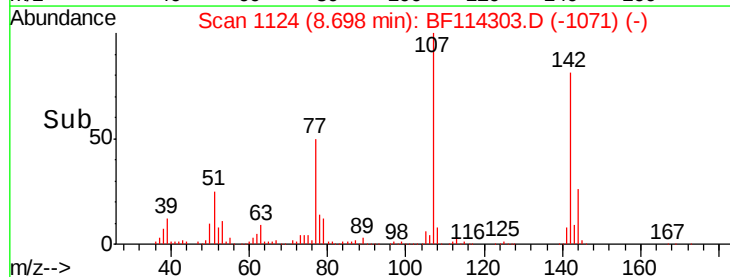
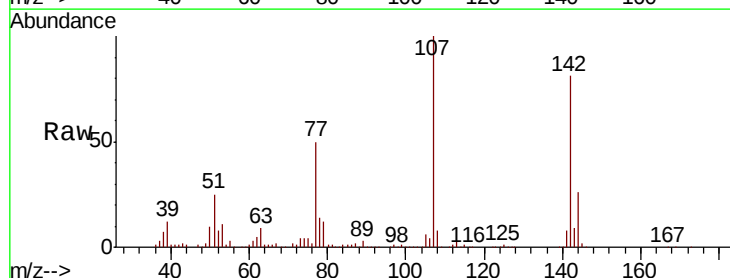
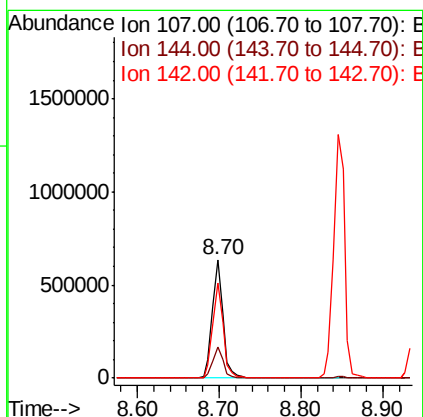
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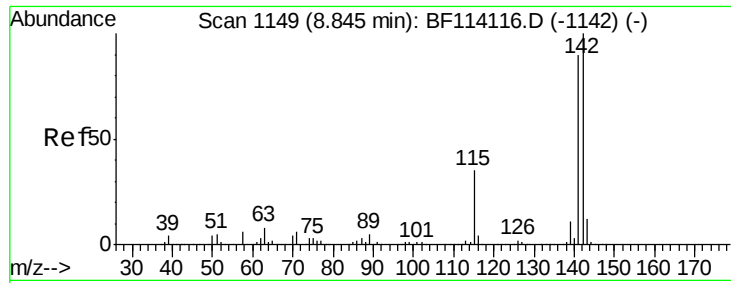
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#36
 4-Chloro-3-methylphenol
 Concen: 42.900 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF114303.D
 Acq: 16 May 2019 11:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		577810		
144	25.9		20.4	30.6	
142	80.9		64.2	96.4	





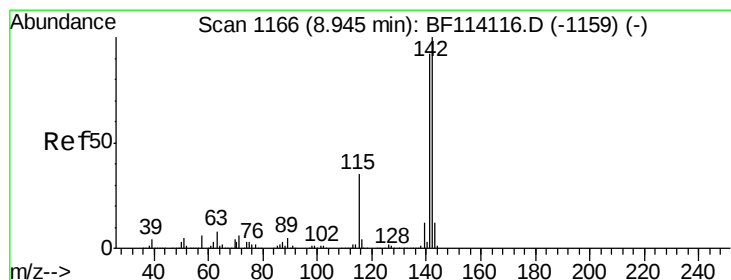
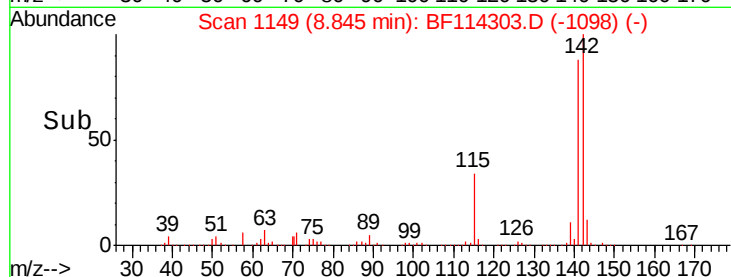
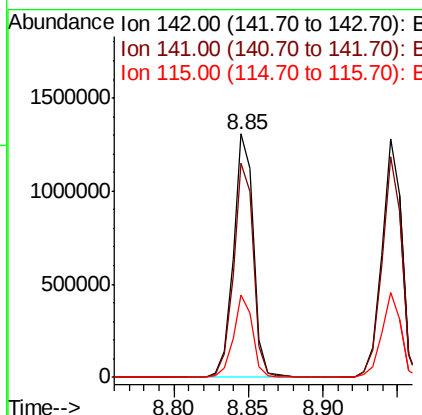
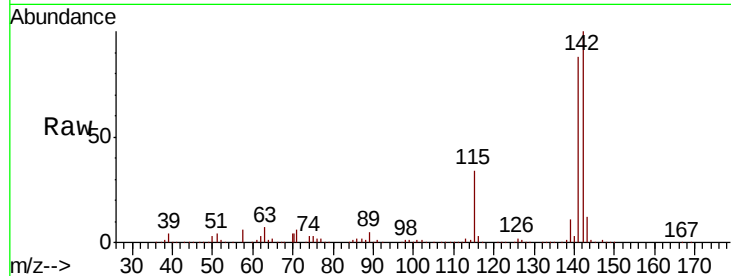
#37
2-Methylnaphthalene
Concen: 41.937 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.1	108.1
115	33.8	28.0	42.0

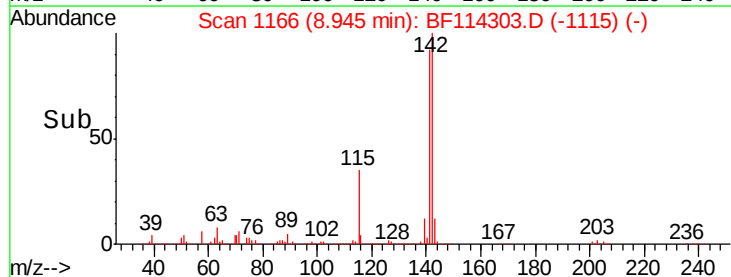
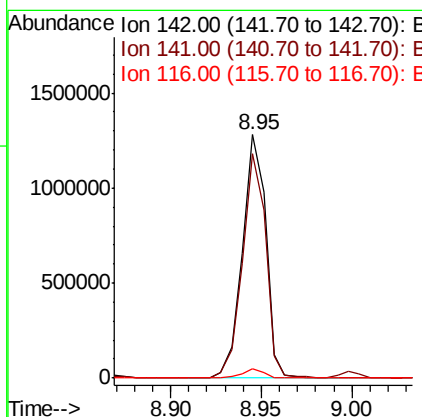
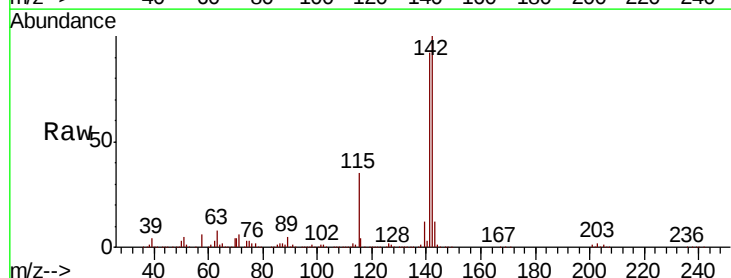
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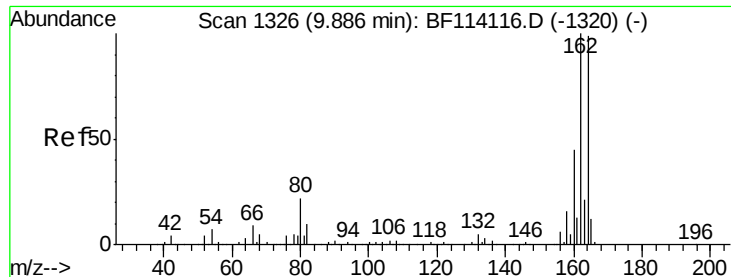
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#38
1-Methylnaphthalene
Concen: 41.692 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.4	110.0
116	3.7	3.1	4.7





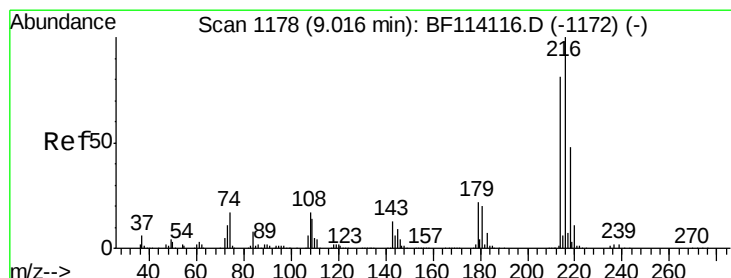
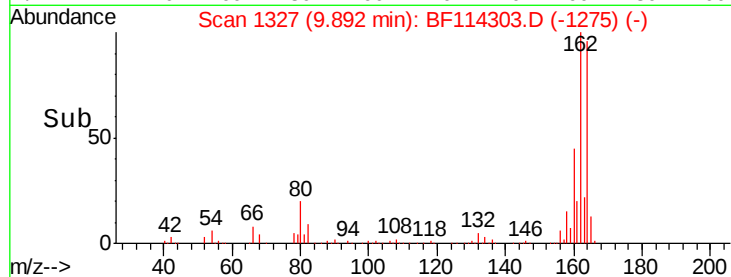
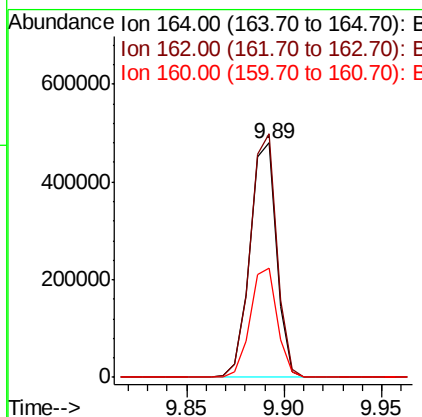
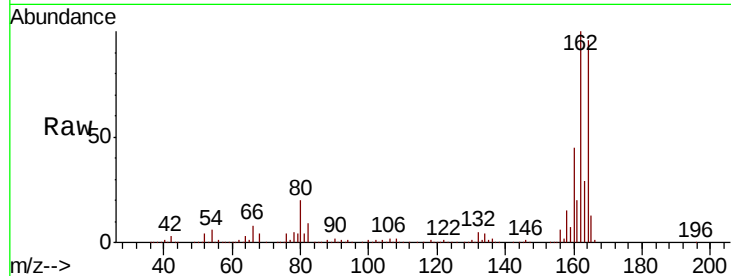
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF114303.D
 Acq: 16 May 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	164	Resp:	454600
Ion Ratio	Lower	Upper	
164	100		
162	103.8	80.6	120.8
160	46.6	36.5	54.7

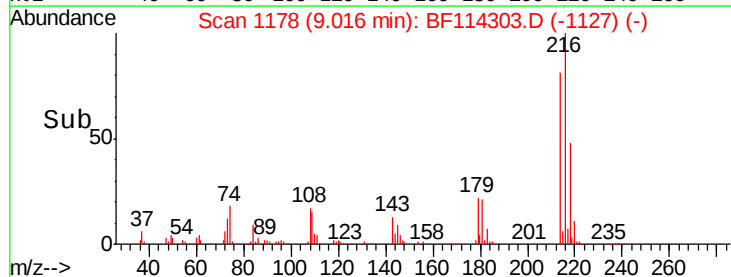
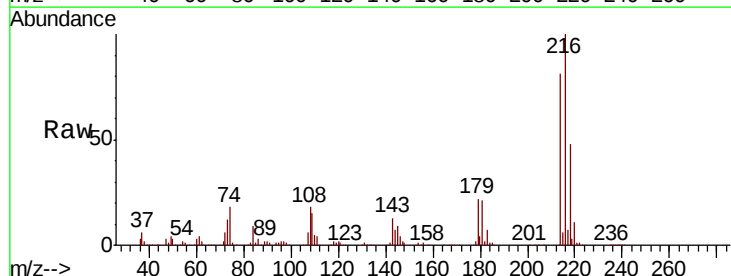
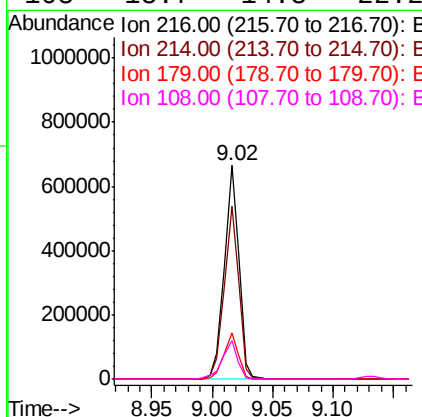
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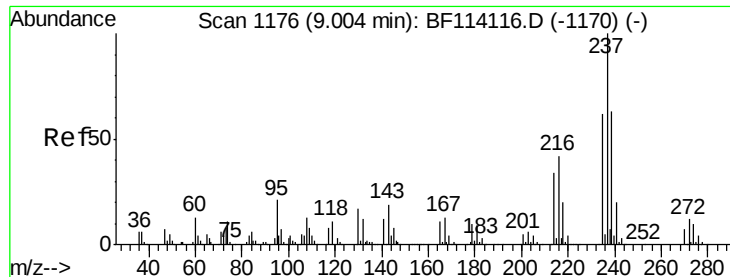
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.430 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF114303.D
 Acq: 16 May 2019 11:51

Tgt Ion:	216	Resp:	556760
Ion Ratio	Lower	Upper	
216	100		
214	80.3	63.9	95.9
179	21.2	17.0	25.6
108	18.7	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 35.176 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF114303.D

Acq: 16 May 2019 11:51

Instrument :

BNA_F

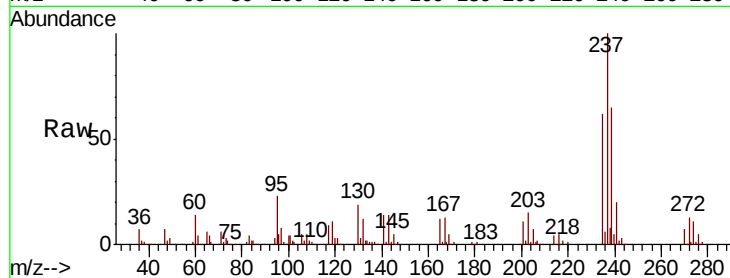
ClientSampleId :

SSTDCCC040

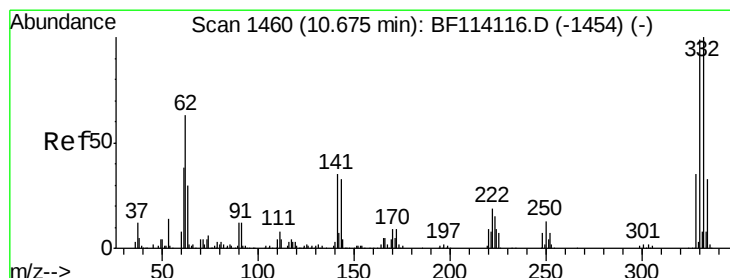
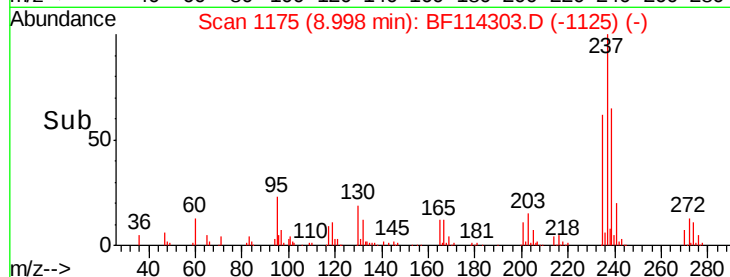
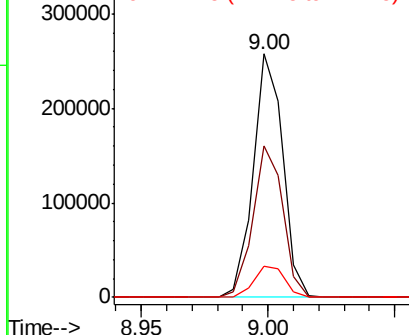
Tot Ion	Ratio	Resp	Lower	Upper
237	100	209242		
235	62.3	42.0	82.0	
272	12.7	0.0	32.4	

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 75.759 ng

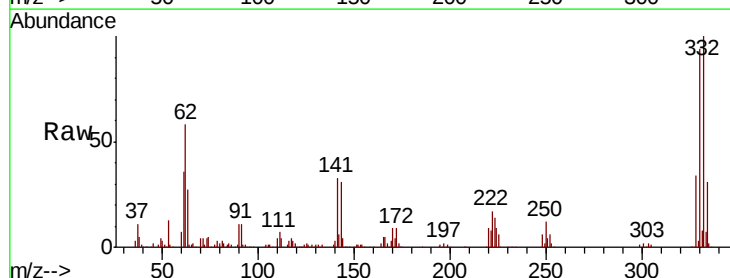
RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

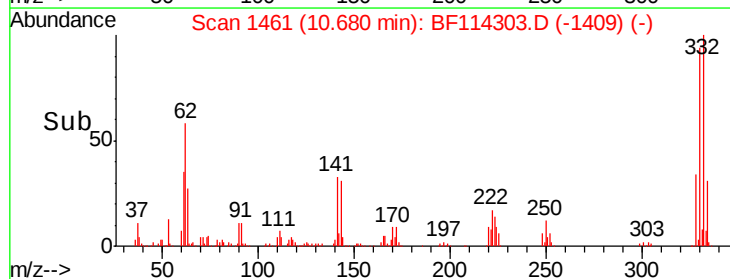
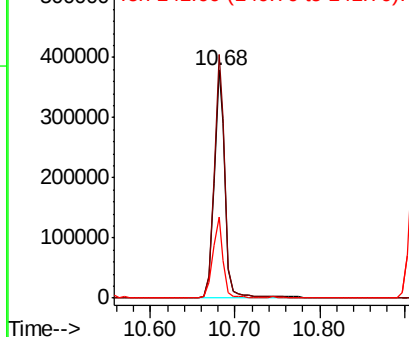
Lab File: BF114303.D

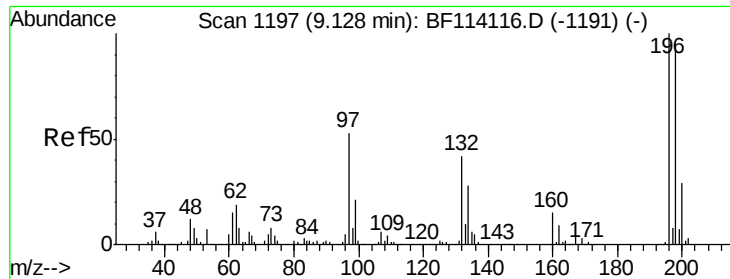
Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	356053		
332	103.6	81.4	122.2	
141	33.3	26.6	40.0	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





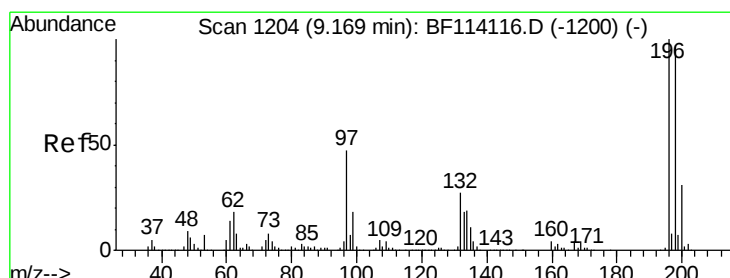
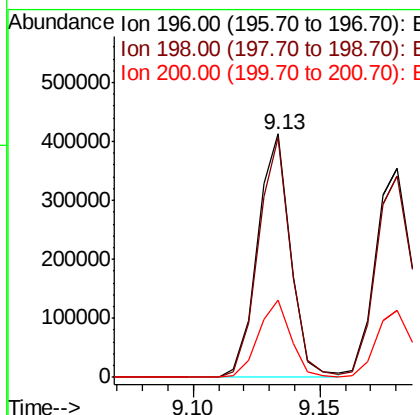
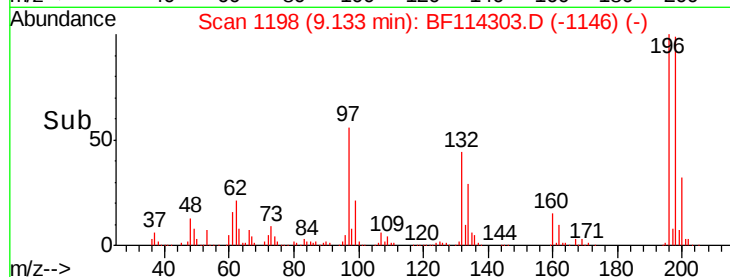
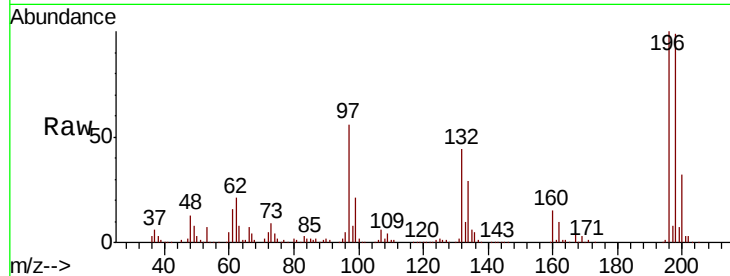
#43
 2,4,6-Trichlorophenol
 Concen: 39.719 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF114303.D
 Acq: 16 May 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	376219		
198	98.6	75.9	113.9	
200	31.8	23.5	35.3	

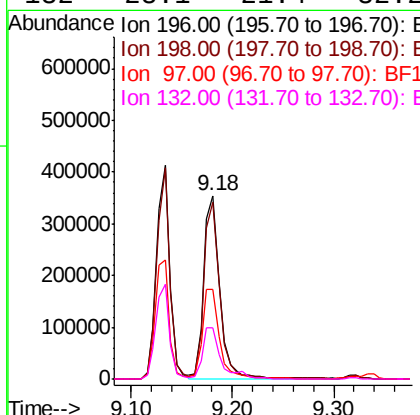
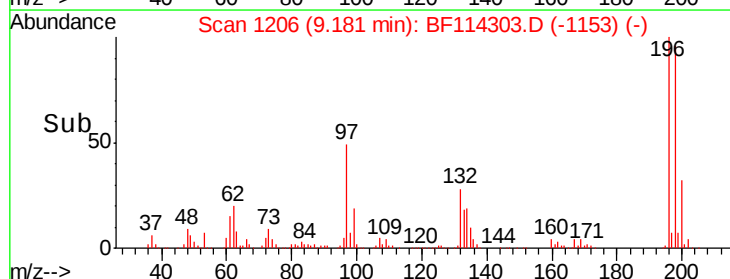
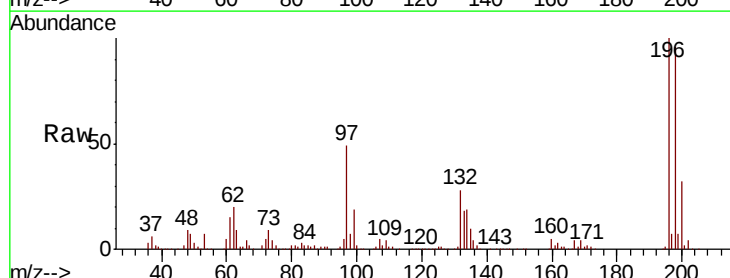
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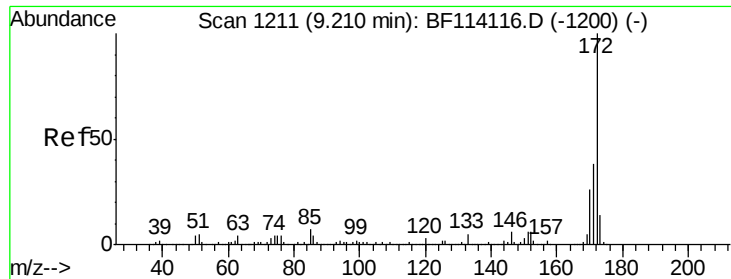
mohammad
 5/24/2019 9:12:13 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.323 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF114303.D
 Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	391691		
198	96.4	77.7	116.5	
97	49.1	38.2	57.2	
132	28.1	21.4	32.2	





#45

2-Fluorobiphenyl

Concen: 74.510 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BF114303.D

Acq: 16 May 2019 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:172 Resp: 2239253

Ion Ratio Lower Upper

172 100

171 37.8 30.7 46.1

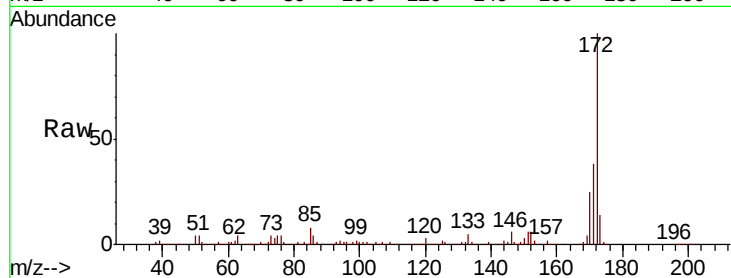
170 24.8 20.5 30.7

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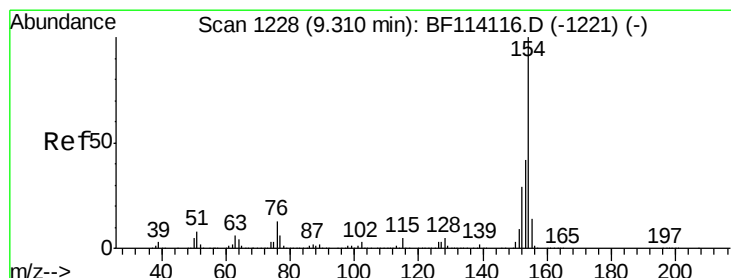
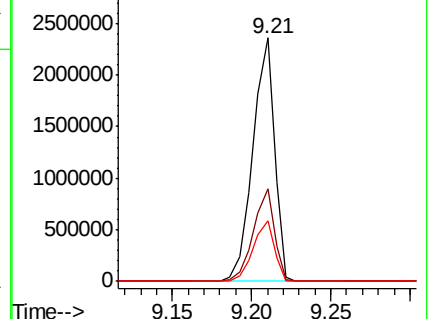
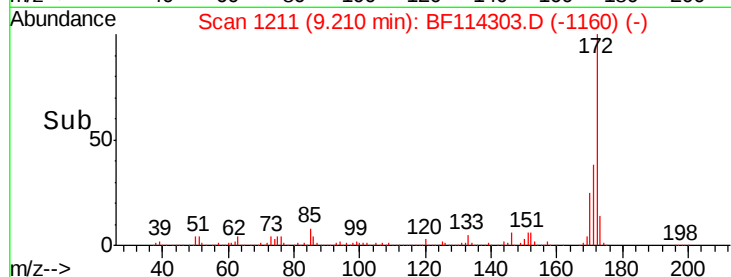
5/24/2019 9:12:13 AM



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.545 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF114303.D

Acq: 16 May 2019 11:51

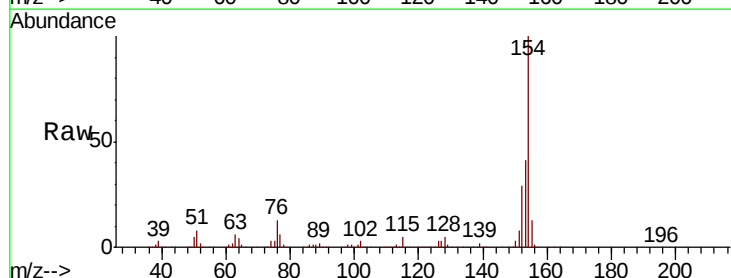
Tgt Ion:154 Resp: 1489031

Ion Ratio Lower Upper

154 100

153 41.0 21.9 61.9

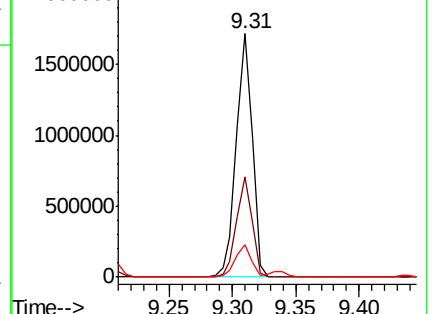
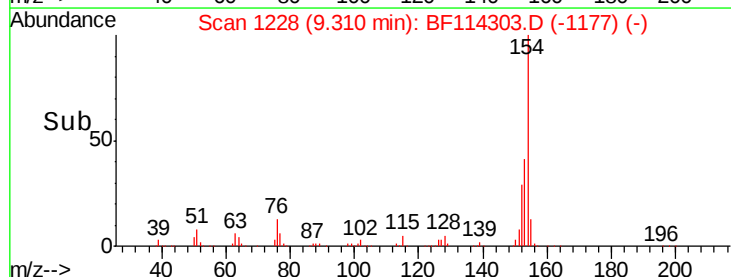
76 13.4 0.0 32.8

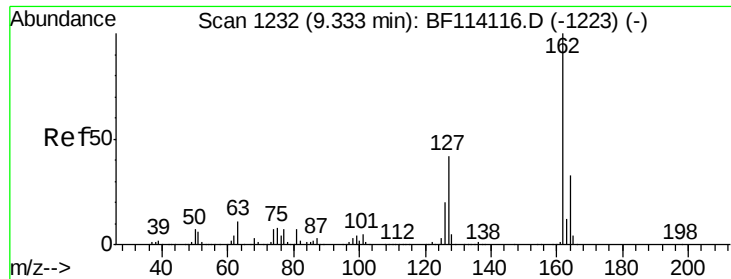


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





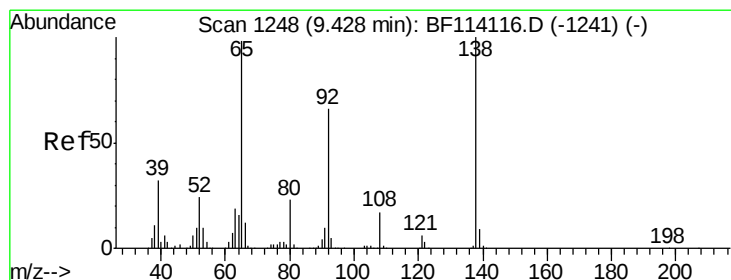
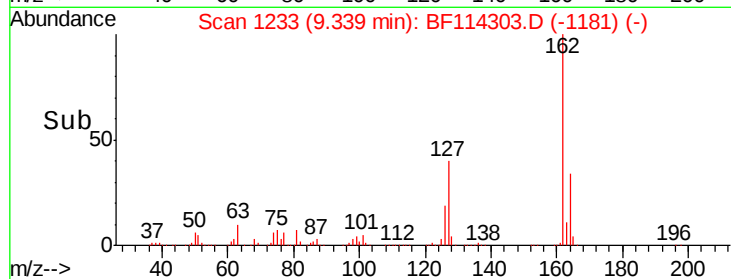
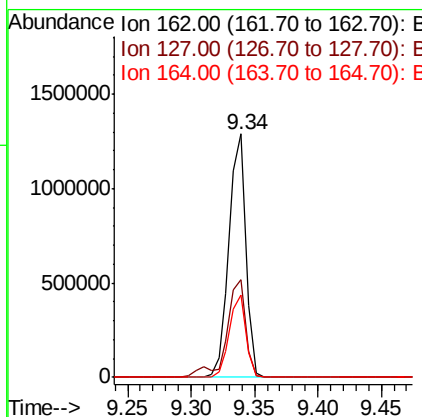
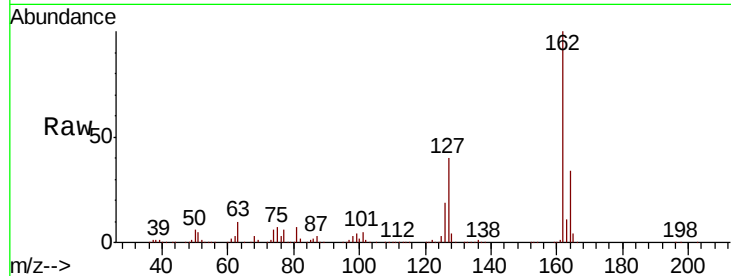
#47
 2-Chloronaphthalene
 Concen: 40.236 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF114303.D
 Acq: 16 May 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	34.0	51.0
164	33.8	26.7	40.1

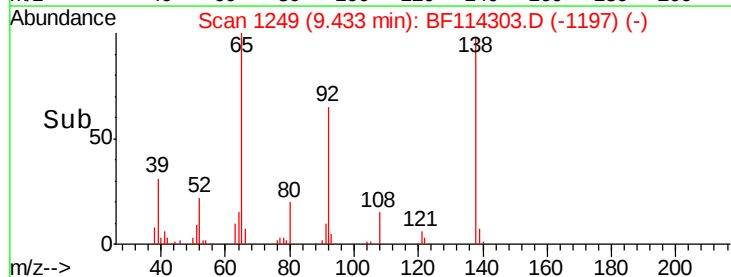
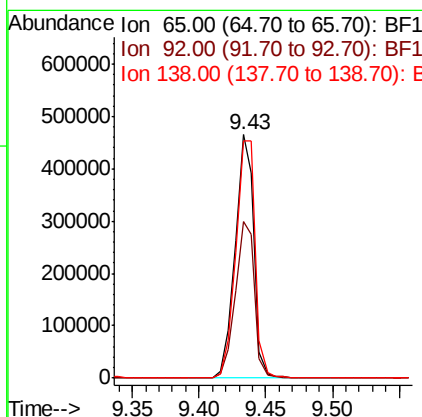
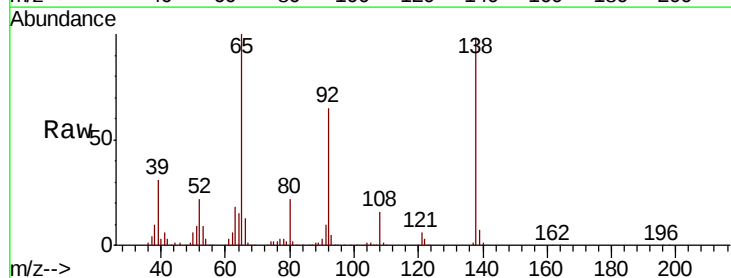
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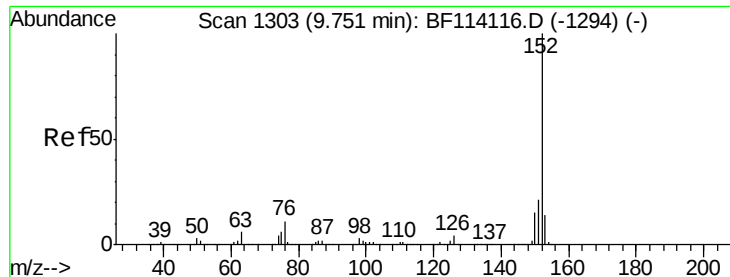
mohammad
 5/24/2019 9:12:13 AM



#48
 2-Nitroaniline
 Concen: 43.609 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF114303.D
 Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.6	53.9	80.9
138	97.5	81.4	122.0





#49

Acenaphthylene

Concen: 40.258 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114303.D

Acq: 16 May 2019 11:51

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:152 Resp: 1809732

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2

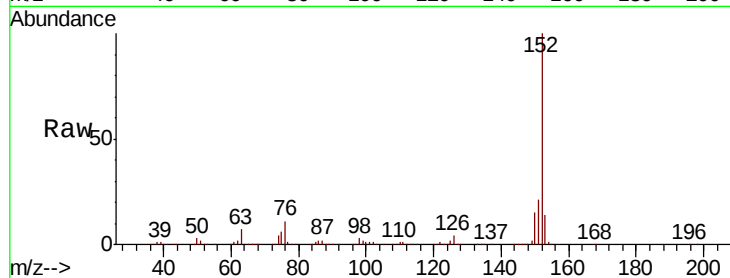
153 14.0 11.4 17.2

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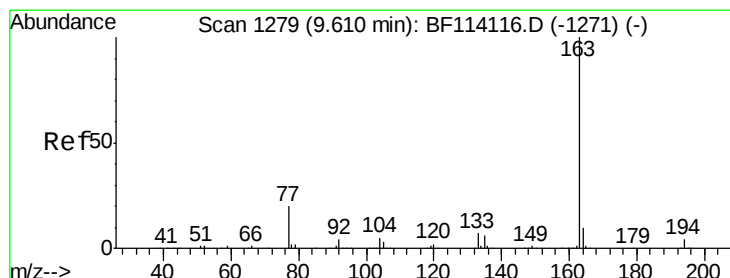
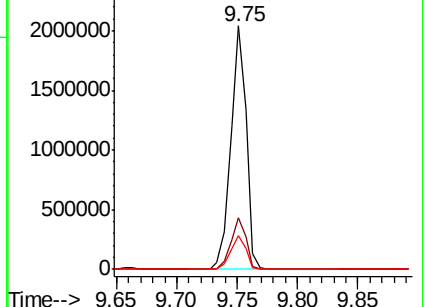
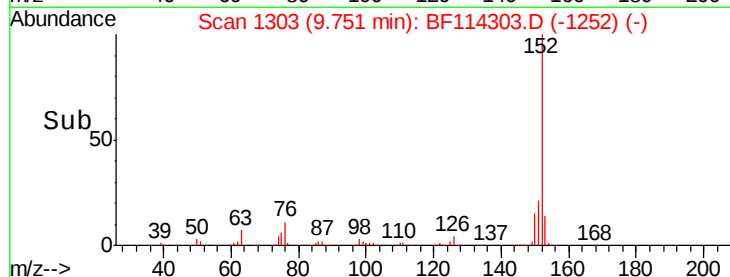
5/24/2019 9:12:13 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.951 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF114303.D

Acq: 16 May 2019 11:51

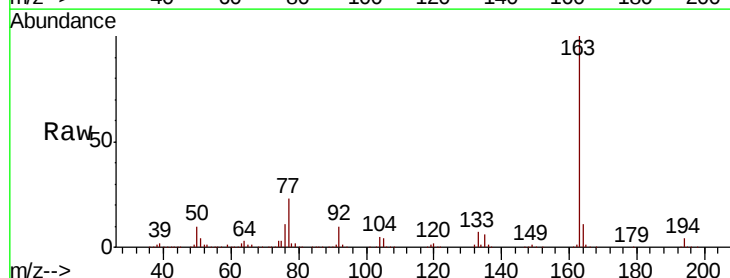
Tgt Ion:163 Resp: 1366614

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

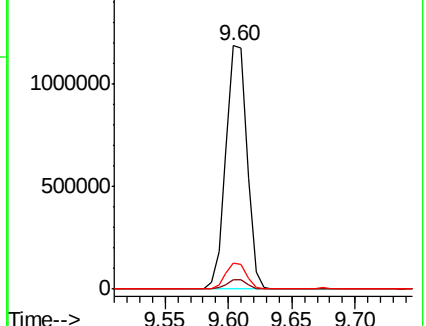
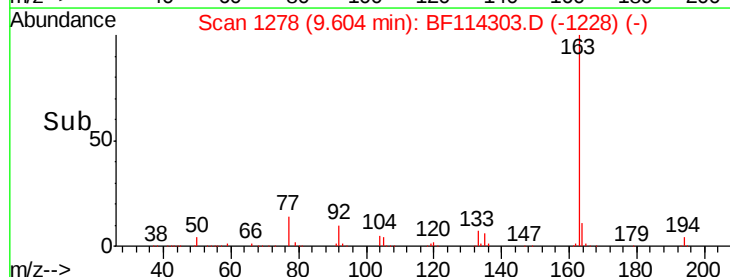
164 10.7 8.2 12.2

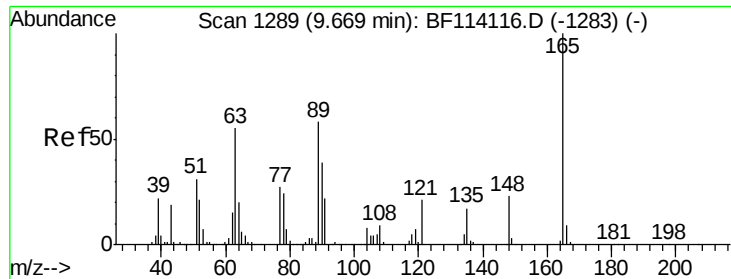


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.099 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF114303.D

Acq: 16 May 2019 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 304207
Ion Ratio Lower Upper

165 100

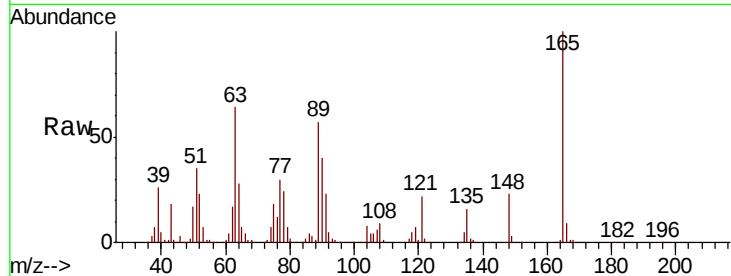
63 64.0 50.2 75.4

89 56.5 46.6 69.8

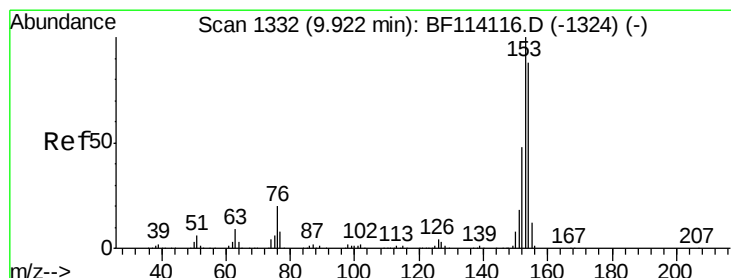
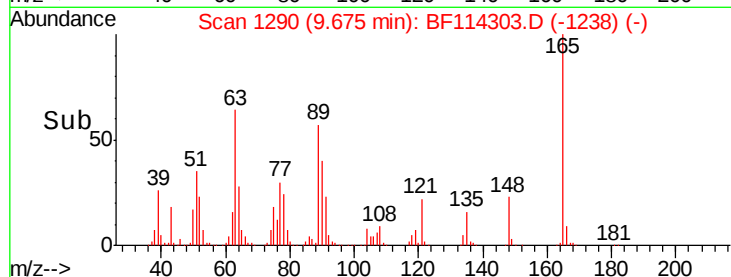
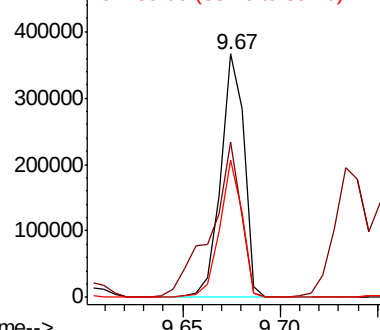
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.015 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF114303.D

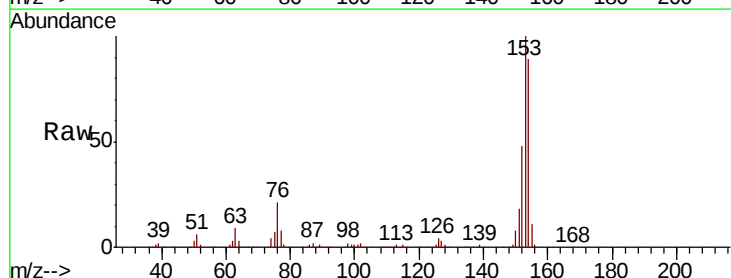
Acq: 16 May 2019 11:51

Tgt Ion:154 Resp: 1076236
Ion Ratio Lower Upper

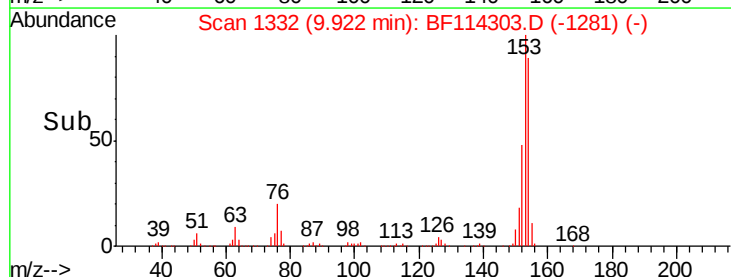
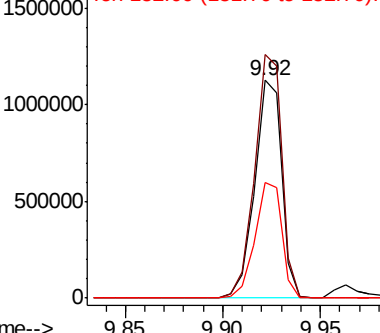
154 100

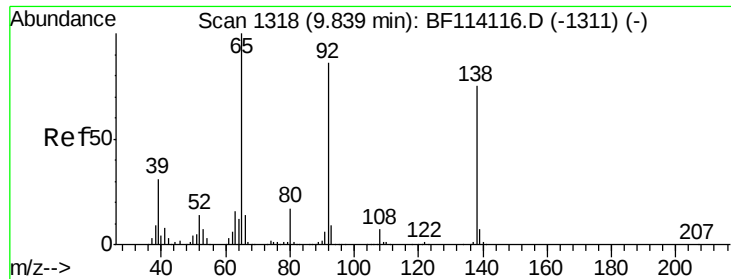
153 111.8 90.5 135.7

152 53.2 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





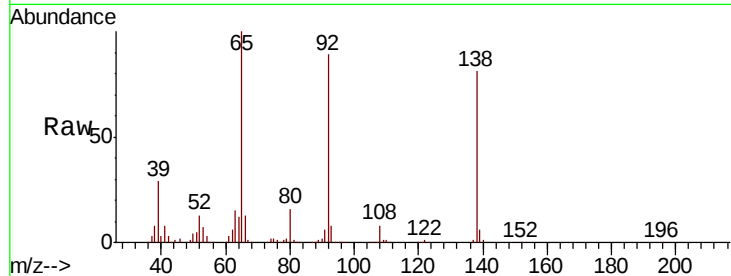
#53
3-Nitroaniline
Concen: 42.889 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

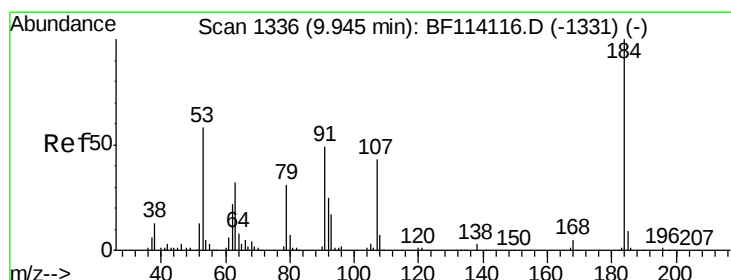
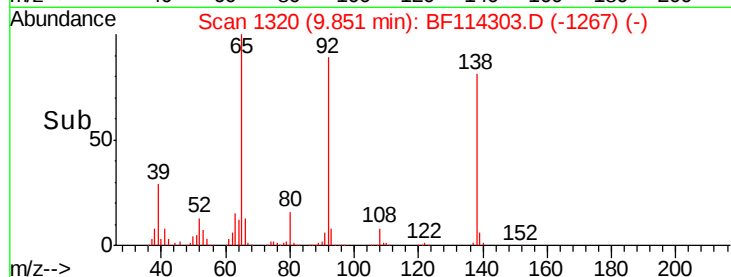
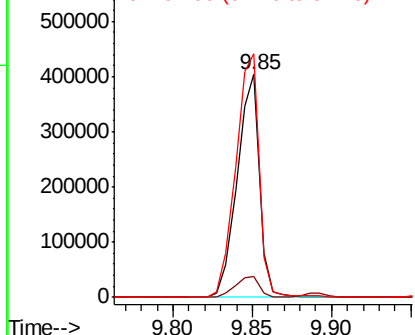
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.8	11.6
92	109.2	91.2	136.8

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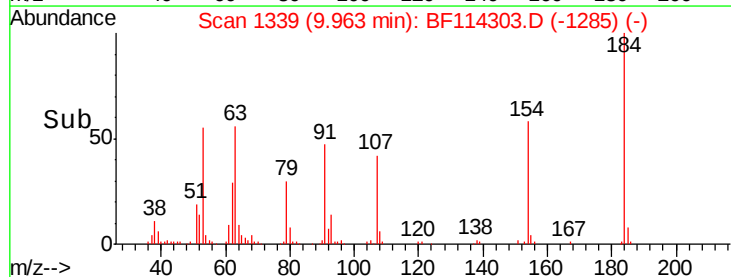
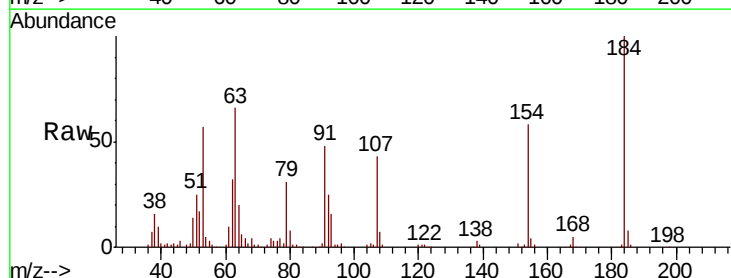
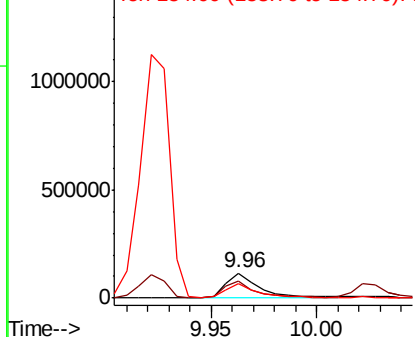
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

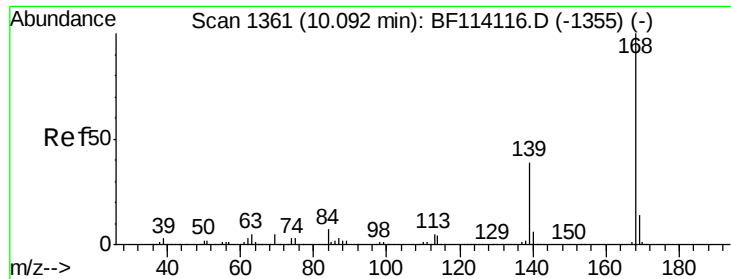


#54
2,4-Dinitrophenol
Concen: 38.395 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.4	55.6	83.4
154	57.7	46.0	69.0

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





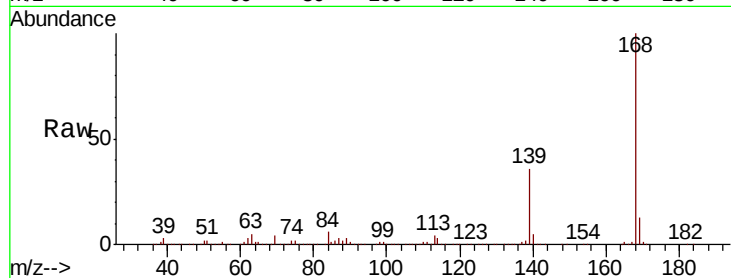
#55
Dibenzenofuran
Concen: 38.719 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	31.1	46.7
169	13.3	11.4	17.0

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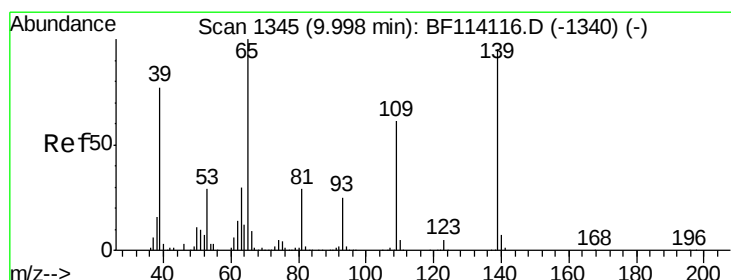
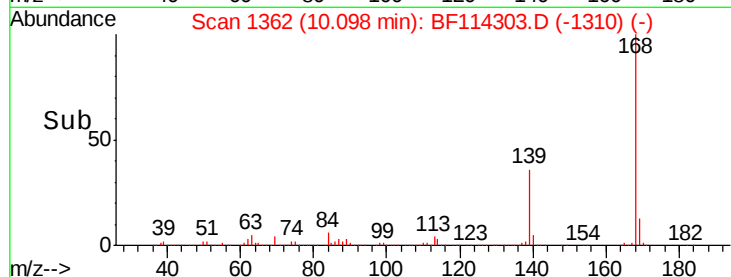
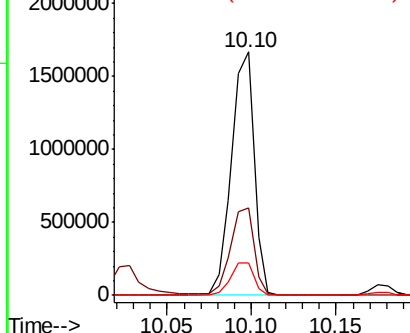


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 37.633 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.03 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

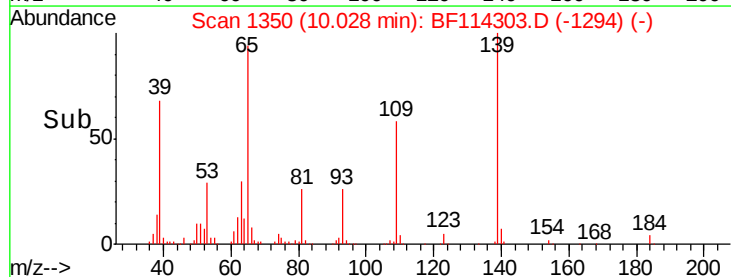
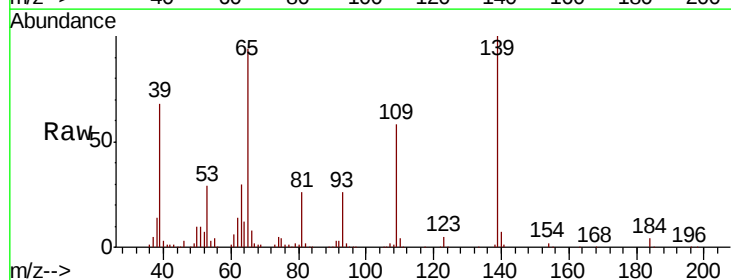
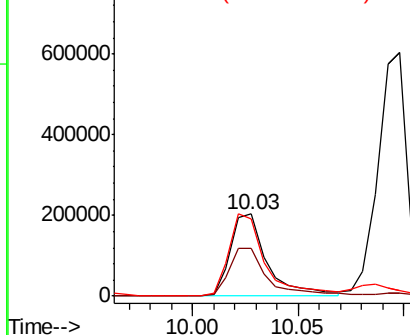
Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.3	43.9	83.9
65	93.7	85.7	125.7

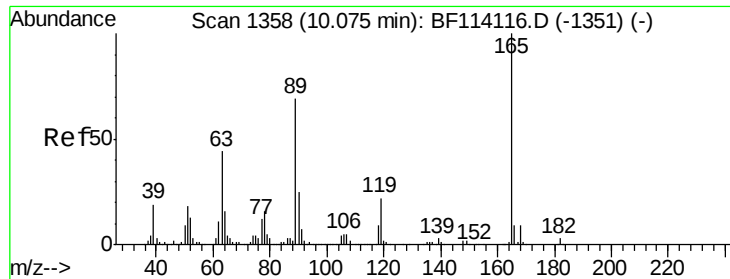
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 38.903 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF114303.D

Acq: 16 May 2019 11:51

Instrument :

BNA_F

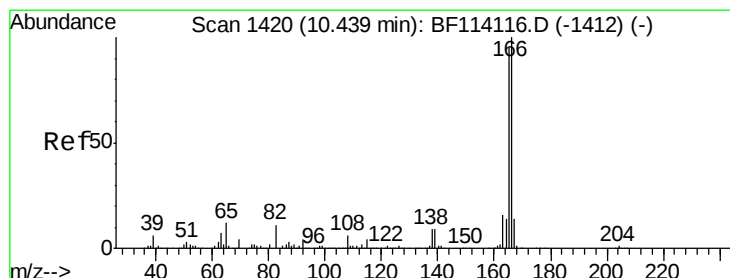
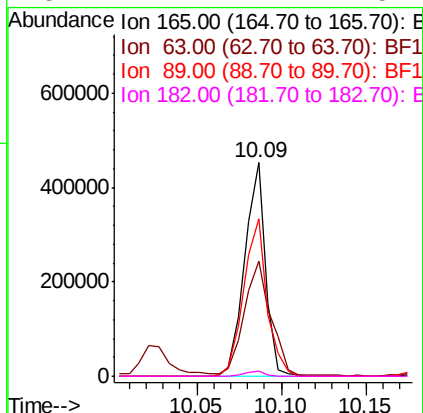
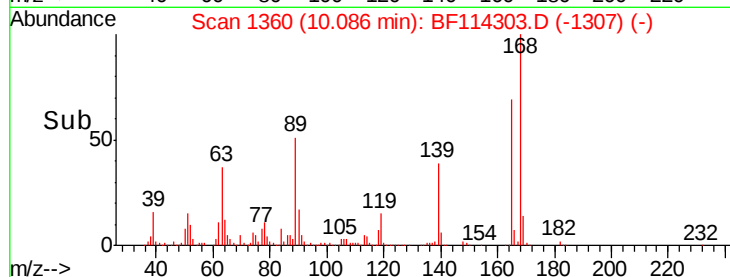
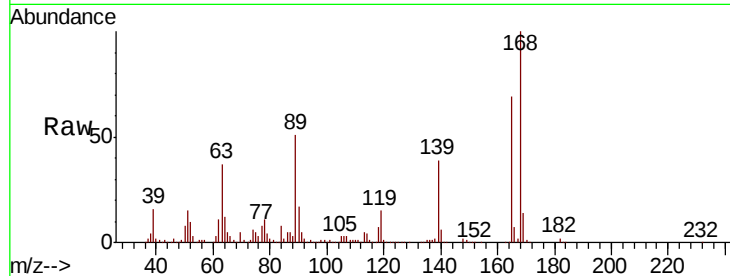
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	390842		
63	53.9	35.5	53.3#	
89	73.7	55.2	82.8	
182	2.4	2.2	3.2	

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#58

Fluorene

Concen: 40.493 ng

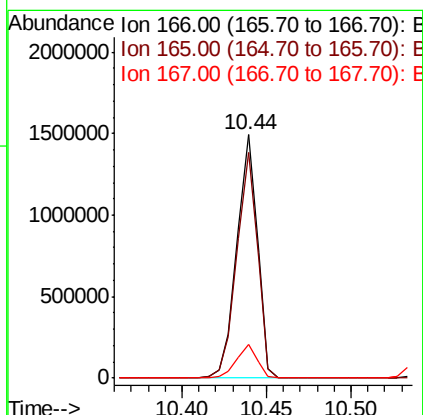
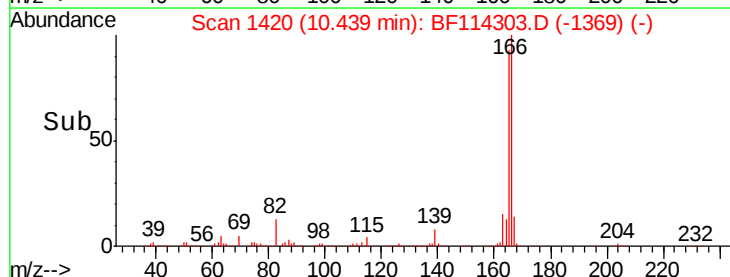
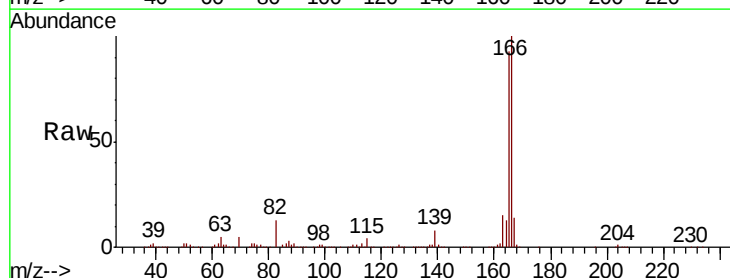
RT: 10.44 min Scan# 1420

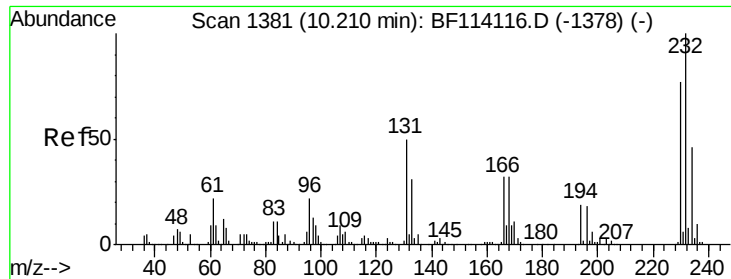
Delta R.T. -0.00 min

Lab File: BF114303.D

Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1265168		
165	92.9	76.1	114.1	
167	13.6	11.1	16.7	





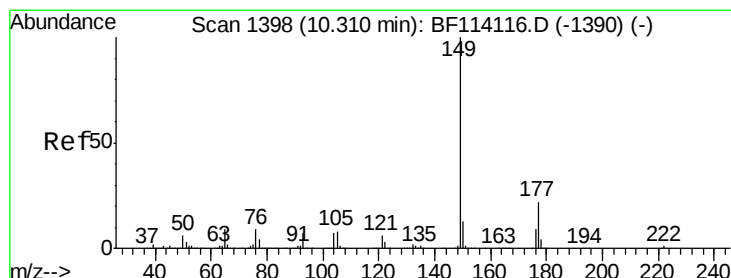
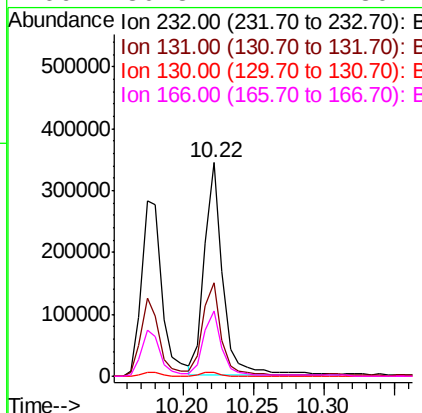
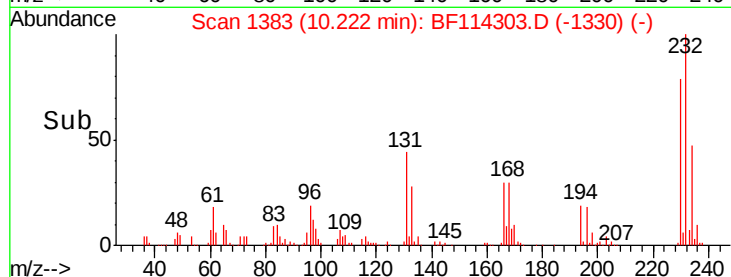
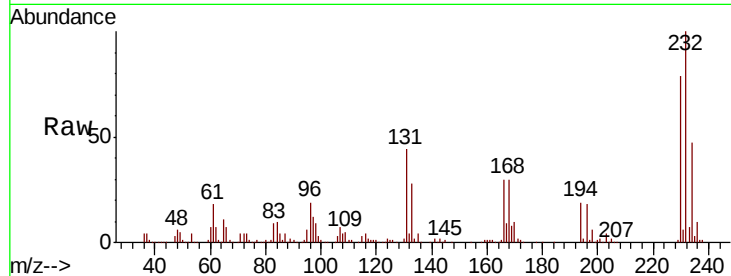
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.402 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF114303.D
 Acq: 16 May 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	313491		
131	44.1	35.6	53.4	
130	2.1	1.6	2.4	
166	30.8	24.1	36.1	

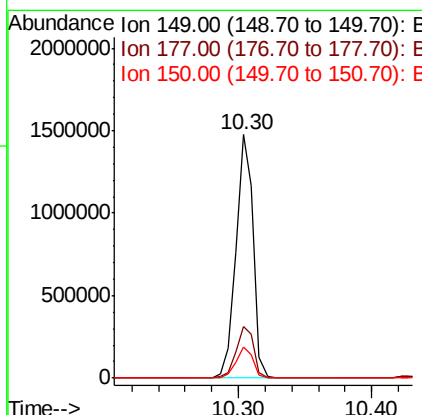
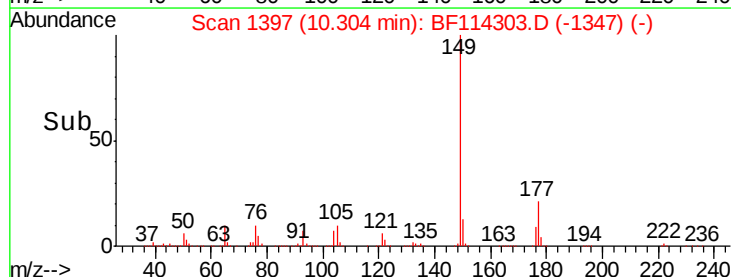
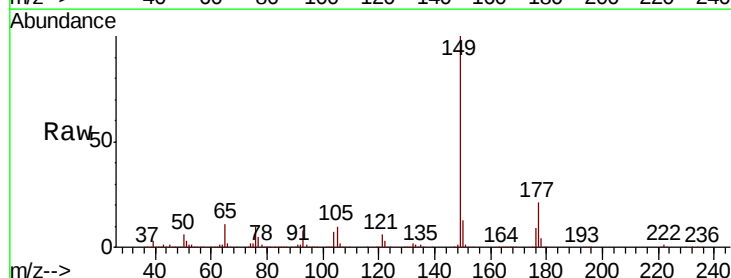
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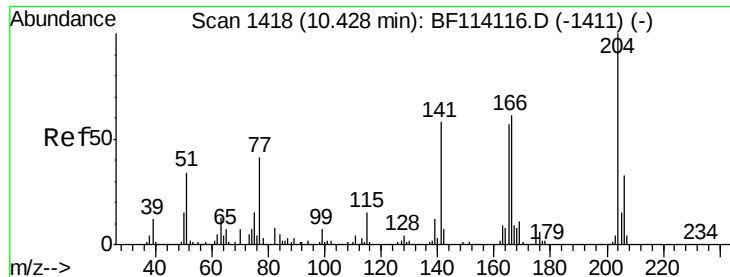
mohammad
 5/24/2019 9:12:13 AM



#60
 Diethylphthalate
 Concen: 39.082 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF114303.D
 Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1325202		
177	21.3	17.8	26.6	
150	12.8	10.2	15.2	





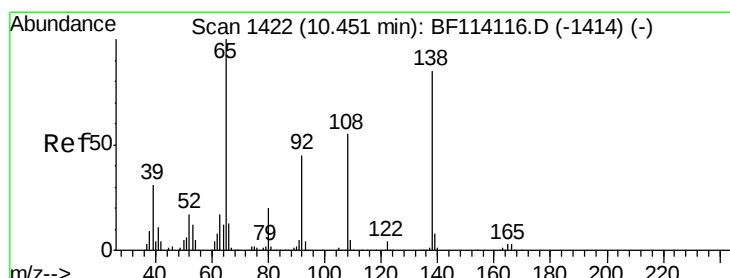
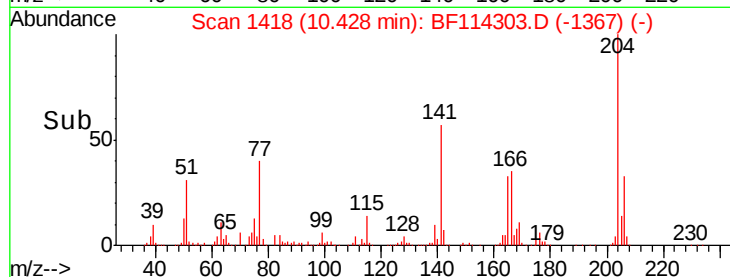
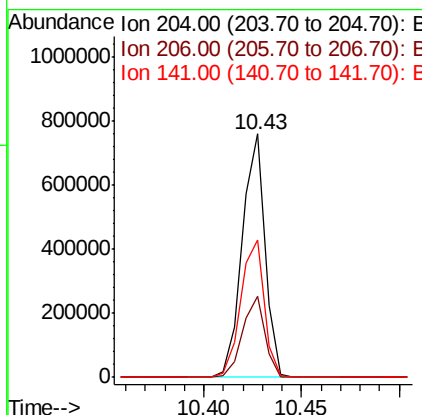
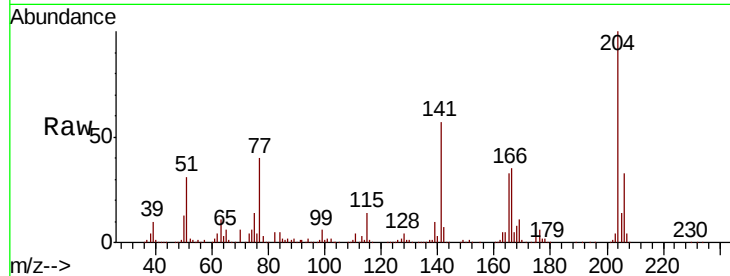
#61
4-Chlorophenyl-phenylether
Concen: 40.041 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	39.8
141	56.5	46.4	69.6

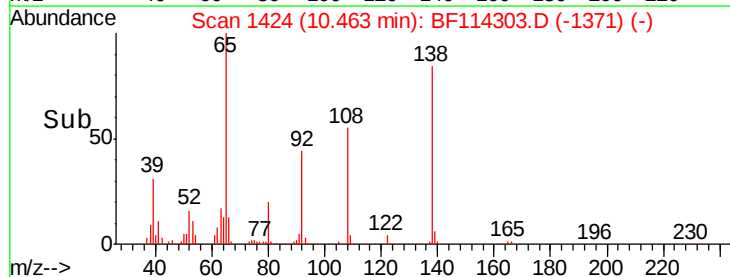
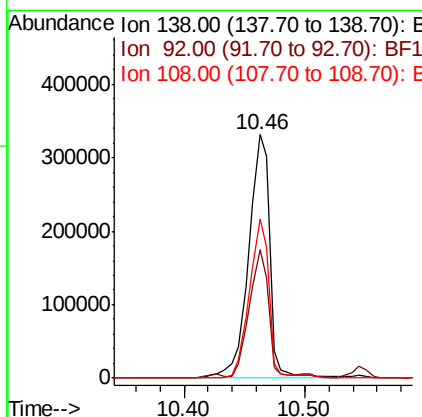
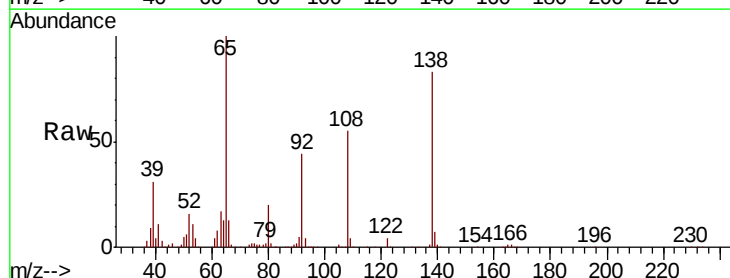
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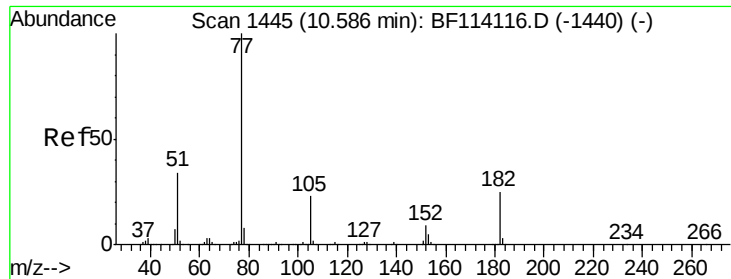
mohammad
5/24/2019 9:12:13 AM



#62
4-Nitroaniline
Concen: 42.267 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.7	33.0	73.0
108	65.5	44.9	84.9





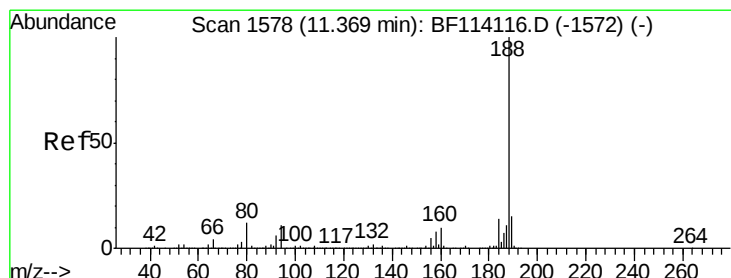
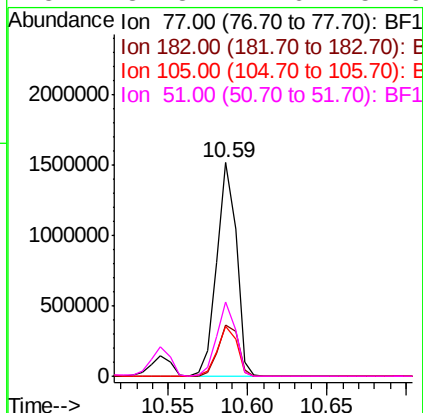
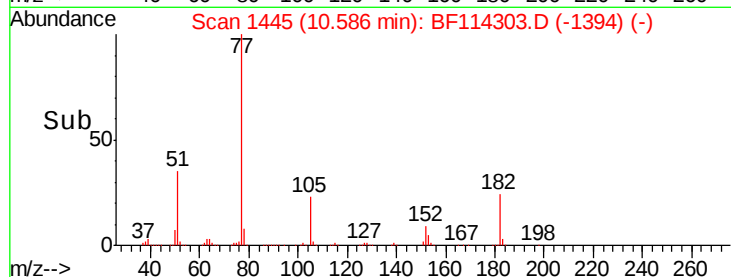
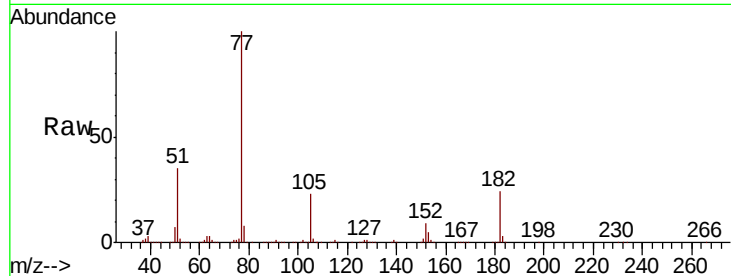
#63
Azobenzene
Concen: 39.675 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.8	4.7	44.7
105	23.3	2.9	42.9
51	34.8	14.6	54.6

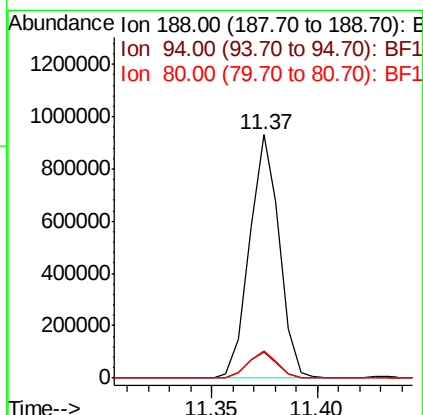
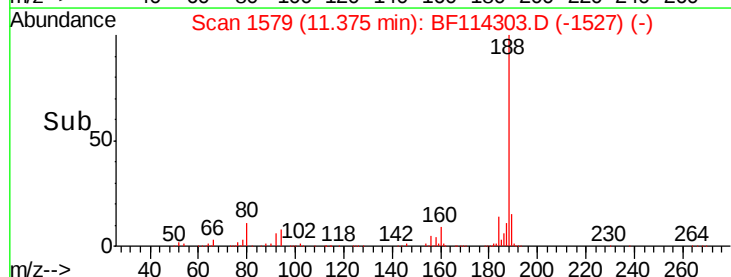
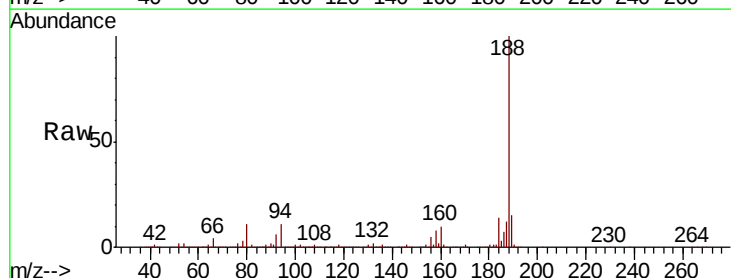
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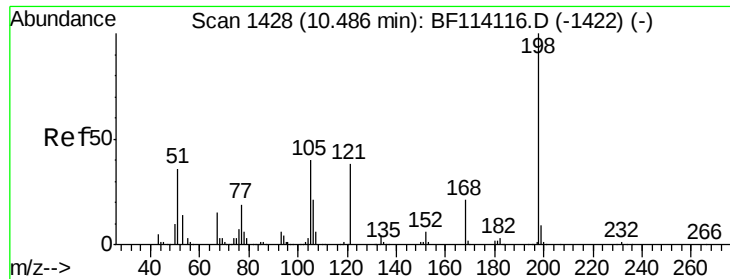
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.4	12.6
80	11.2	9.2	13.8





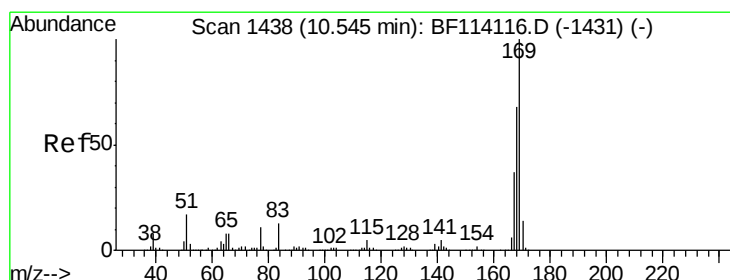
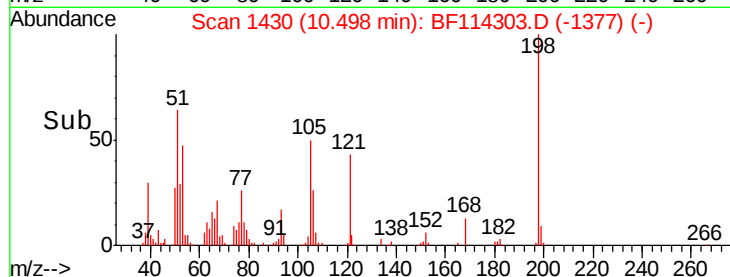
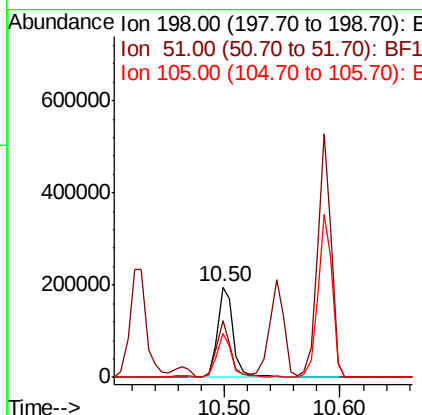
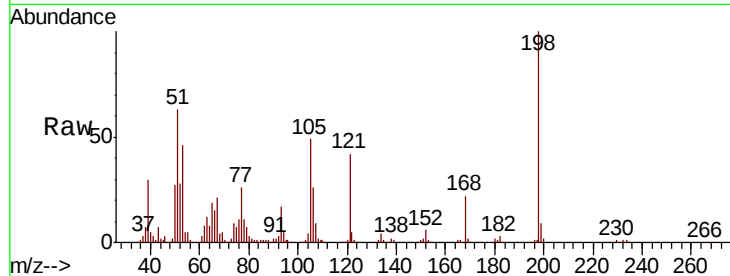
#65
4,6-Dinitro-2-methylphenol
Concen: 42.792 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	186553		
51	62.6	28.0	68.0	
105	48.6	21.1	61.1	

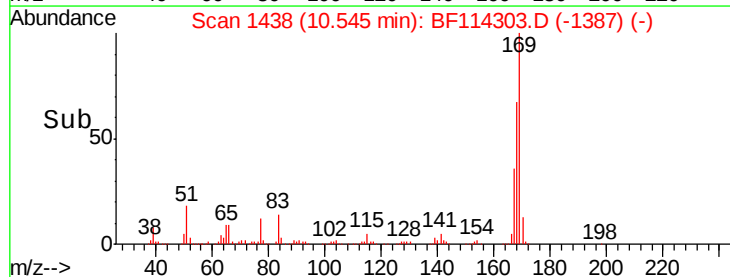
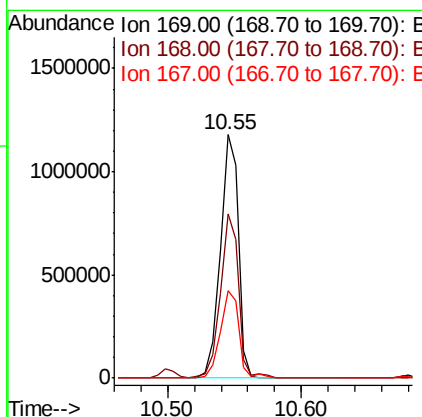
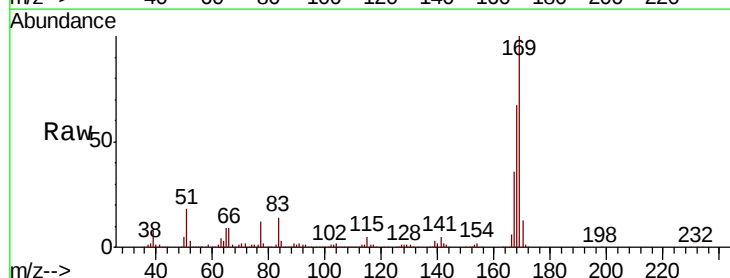
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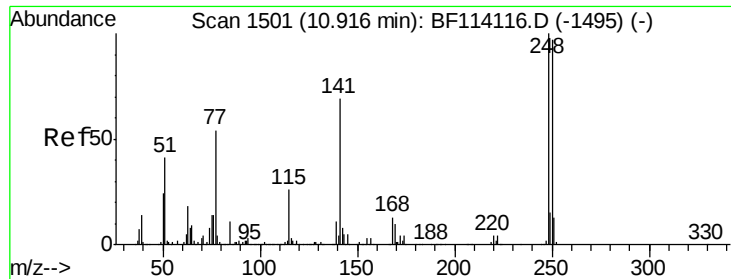
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 40.761 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1122382		
168	67.4	54.2	81.2	
167	35.9	29.8	44.8	





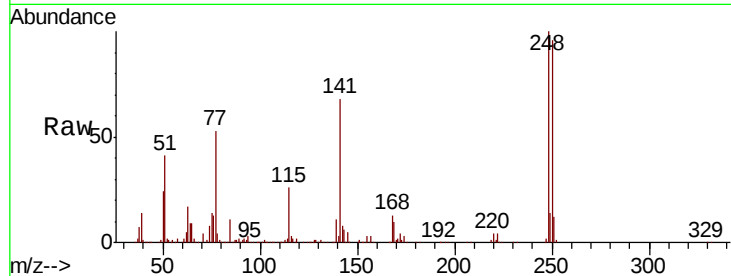
#67
4-Bromophenyl-phenylether
Concen: 39.442 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.4	116.2
141	68.0	55.6	83.4

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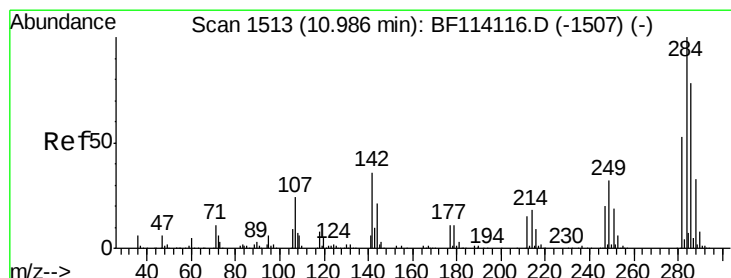
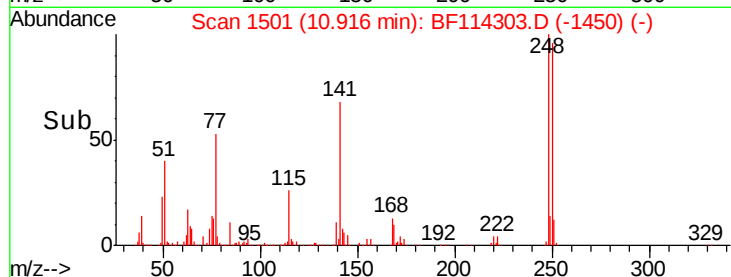
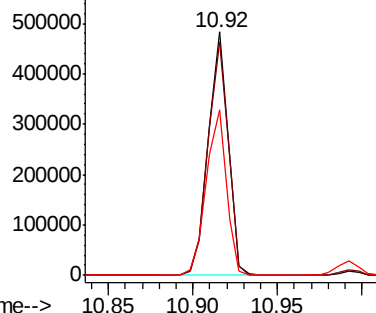


Abundance

Ion 248.00 (247.70 to 248.70): E

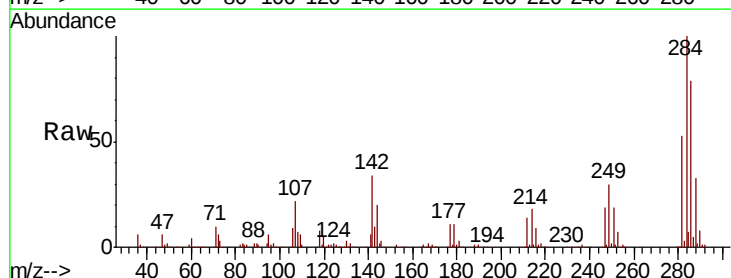
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.912 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	28.4	42.6
249	30.5	25.2	37.8

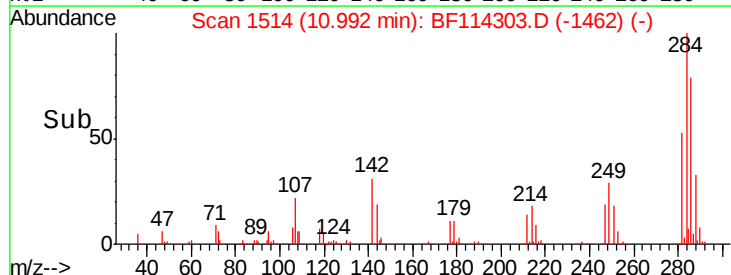
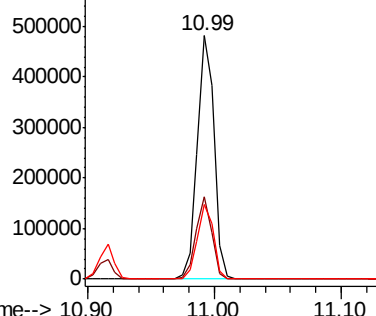


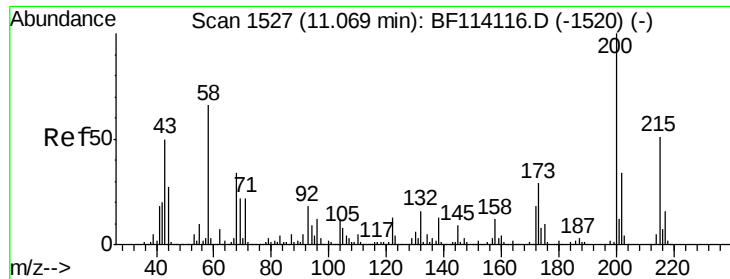
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





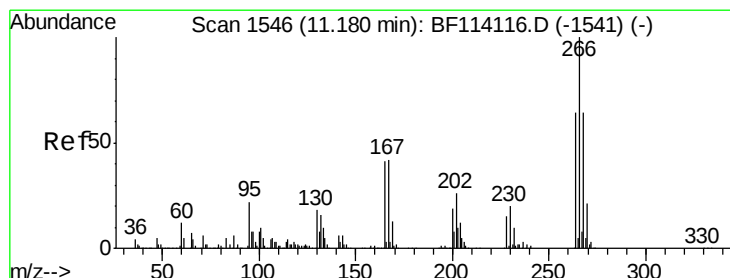
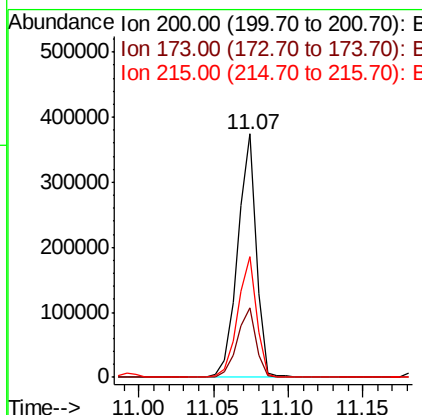
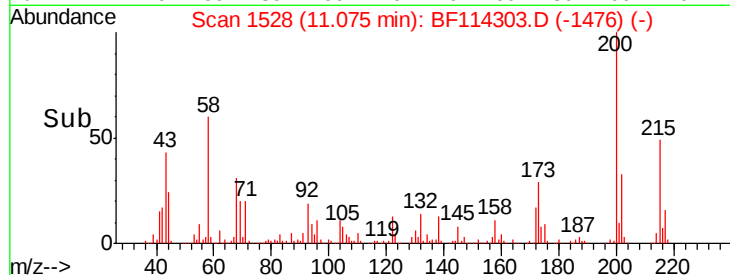
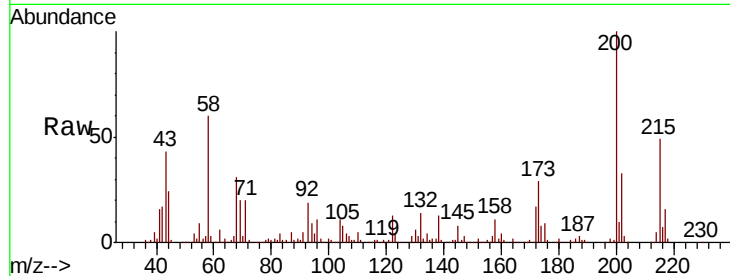
#69
 Atrazine
 Concen: 38.348 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF114303.D
 Acq: 16 May 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.6	8.9	48.9
215	49.4	30.7	70.7

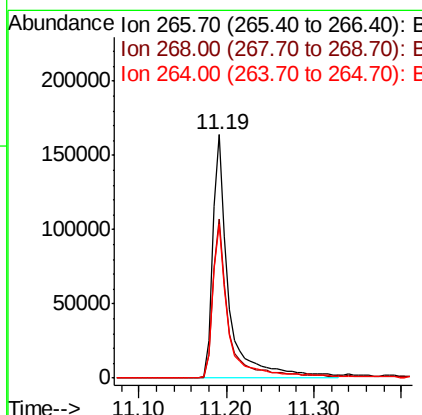
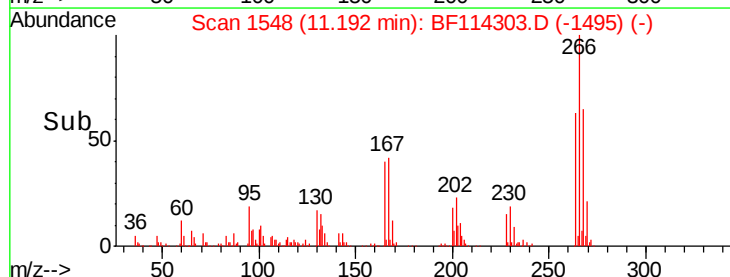
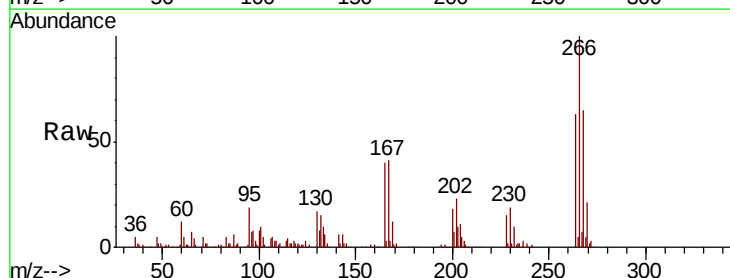
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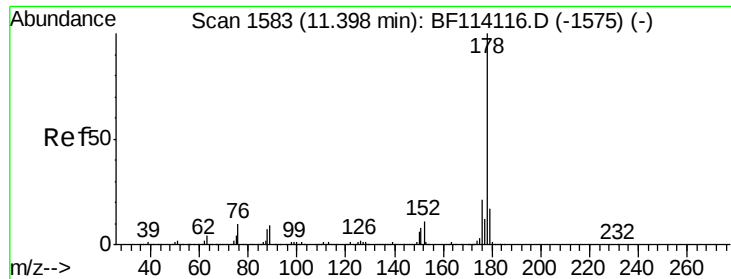
mohammad
 5/24/2019 9:12:13 AM



#70
 Pentachlorophenol
 Concen: 39.995 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BF114303.D
 Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.1	76.7
264	63.3	51.1	76.7





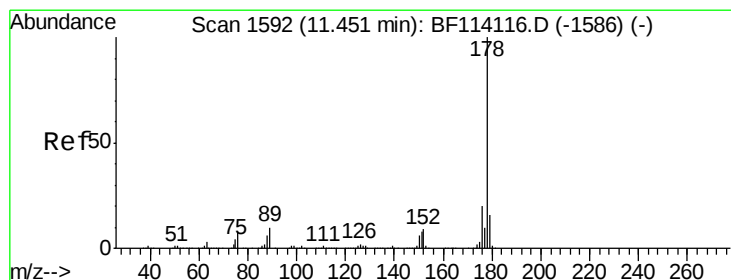
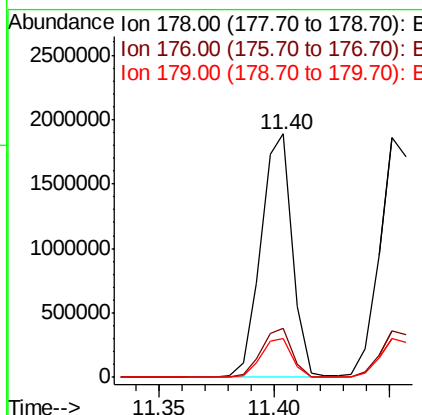
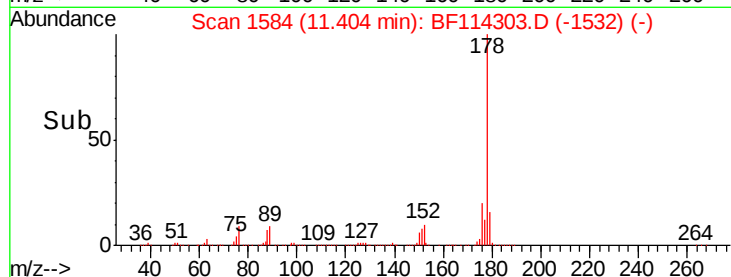
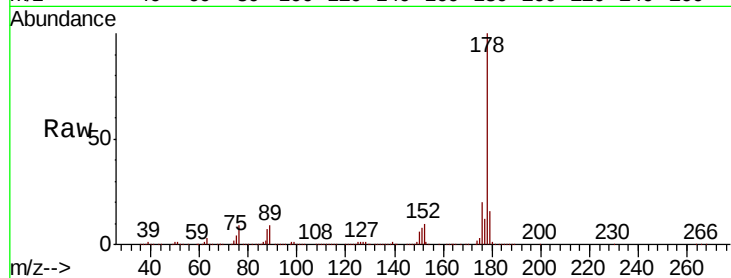
#71
Phenanthrene
Concen: 40.564 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1790480
Ion Ratio Lower Upper
178 100
176 20.1 16.4 24.6
179 15.9 13.2 19.8

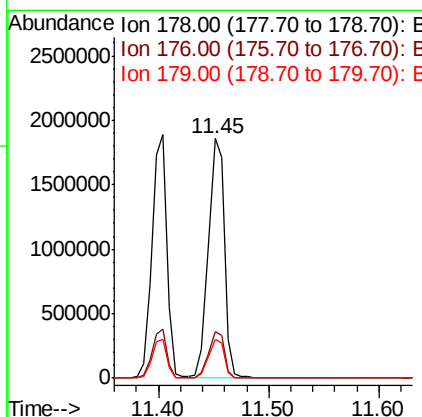
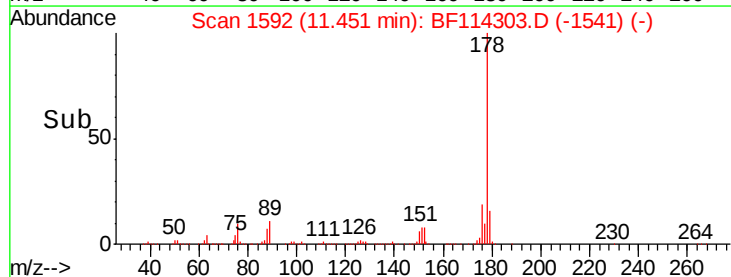
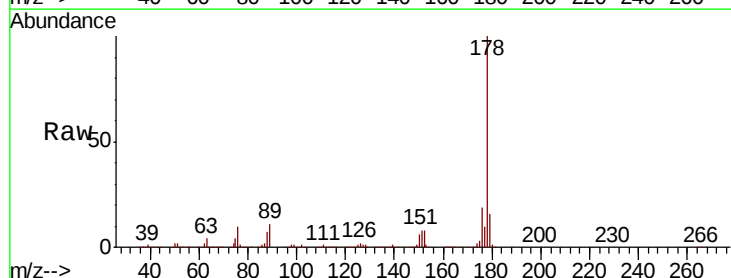
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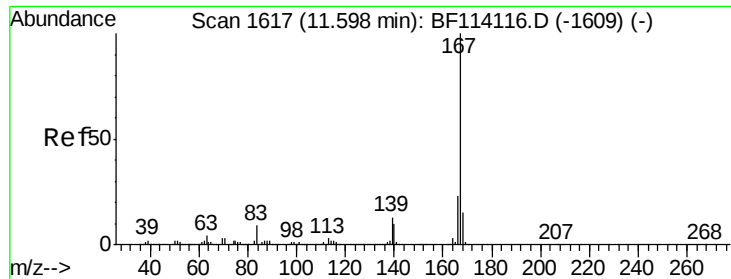
mohammad
5/24/2019 9:12:13 AM



#72
Anthracene
Concen: 40.970 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tgt Ion:178 Resp: 1816374
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 16.0 13.0 19.4





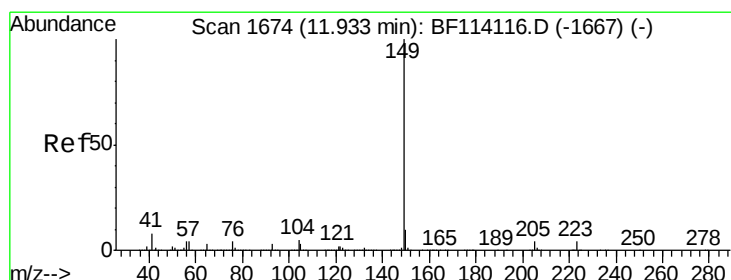
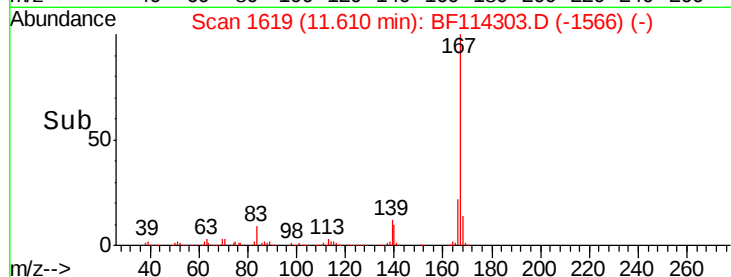
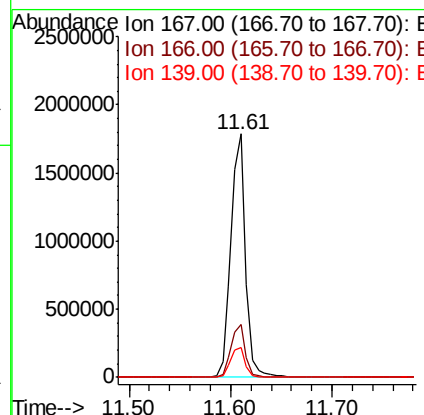
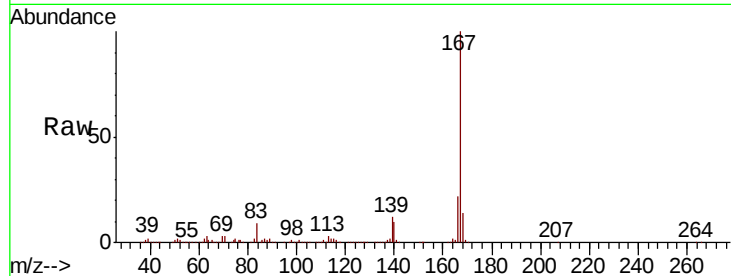
#73
 Carbazole
 Concen: 42.319 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF114303.D
 Acq: 16 May 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.2
139	12.4	10.6	16.0

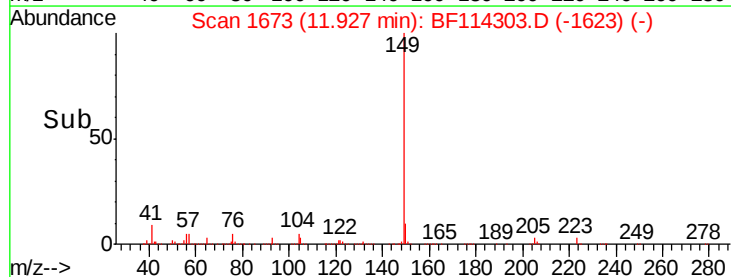
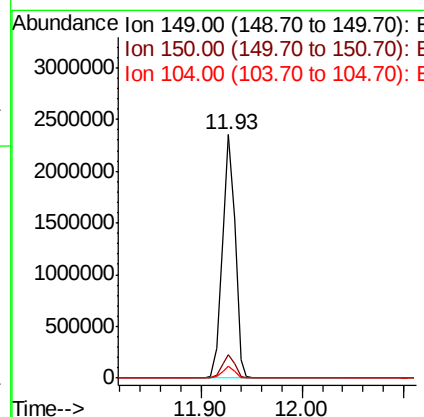
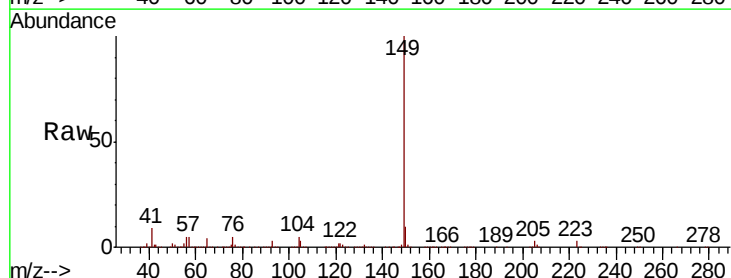
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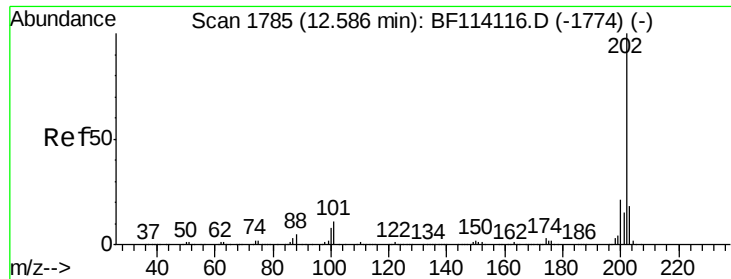
mohammad
 5/24/2019 9:12:13 AM



#74
 Di-n-butylphthalate
 Concen: 42.180 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF114303.D
 Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	4.8	3.6	5.4





#75

Fluoranthene

Concen: 40.806 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF114303.D

Acq: 16 May 2019 11:51

Instrument :

BNA_F

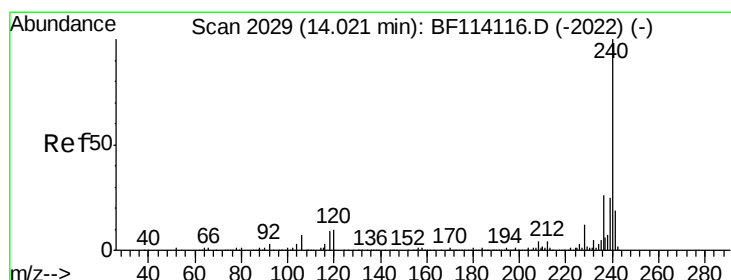
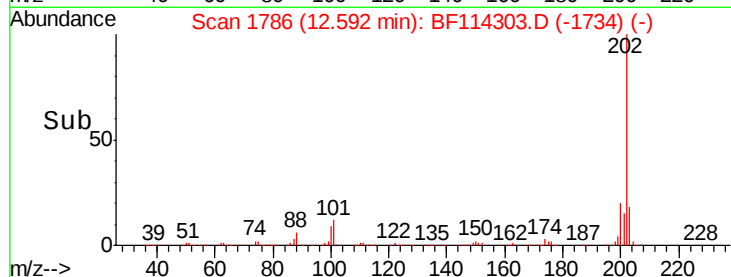
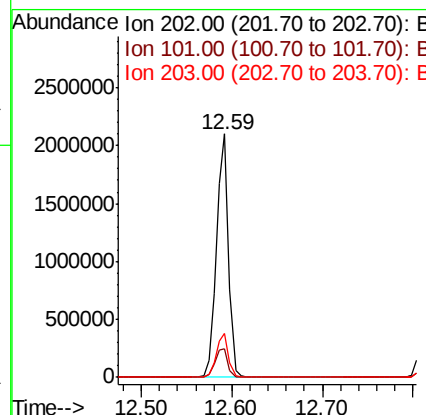
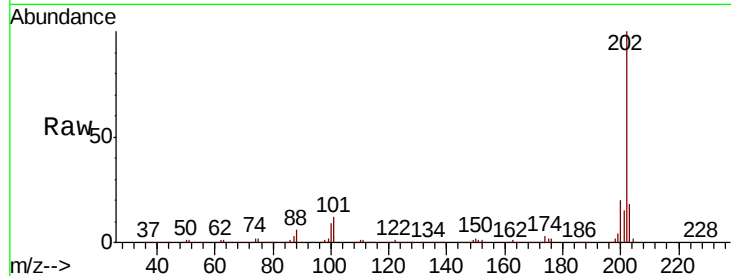
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.0
203	17.9	0.0	38.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

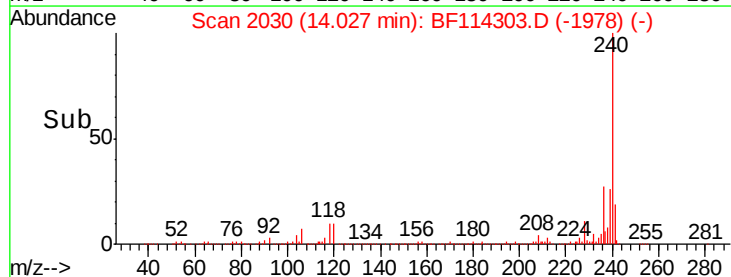
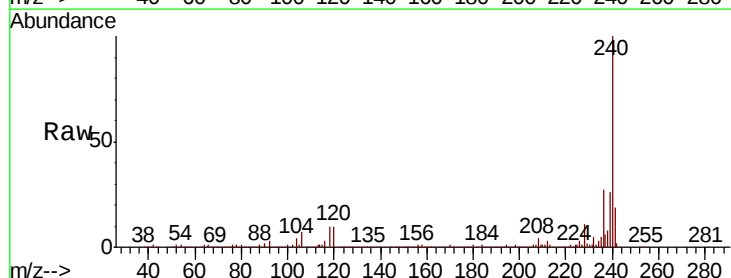
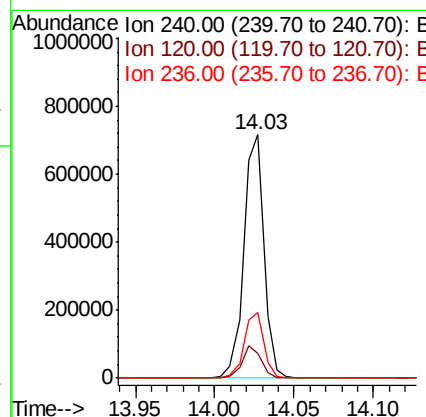
RT: 14.03 min Scan# 2030

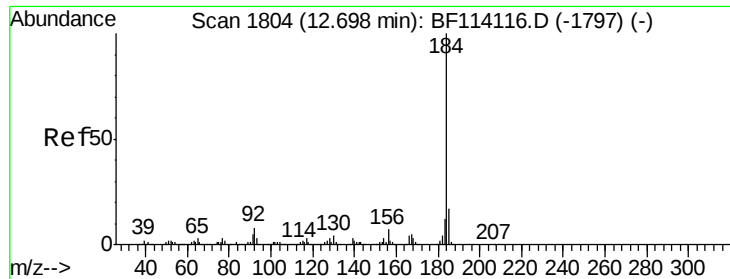
Delta R.T. 0.01 min

Lab File: BF114303.D

Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	26.9	20.8	31.2





#77

Benzidine

Concen: 38.435 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF114303.D

Acq: 16 May 2019 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1085404

Ion Ratio Lower Upper

184 100

185 15.4 13.6 20.4

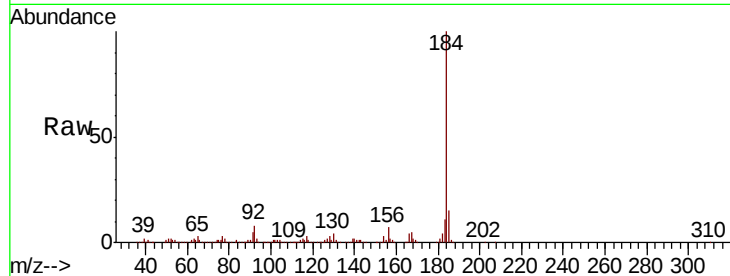
183 11.1 9.2 13.8

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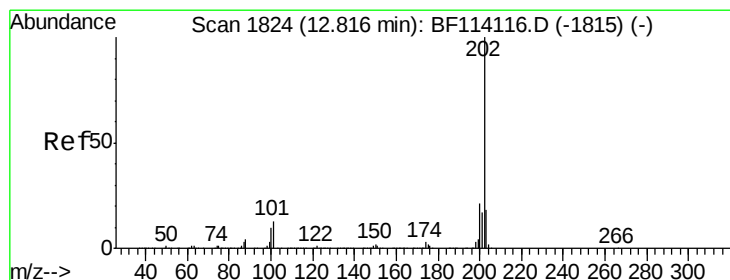
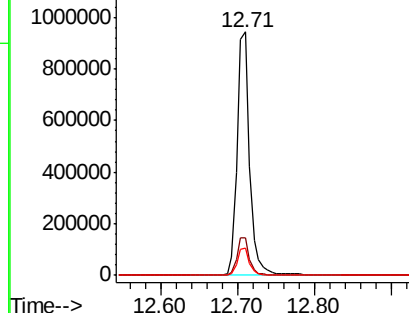
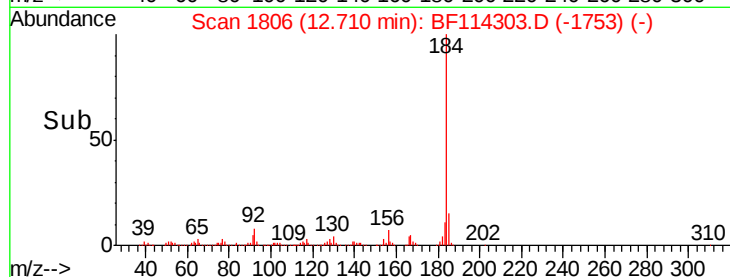


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.549 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF114303.D

Acq: 16 May 2019 11:51

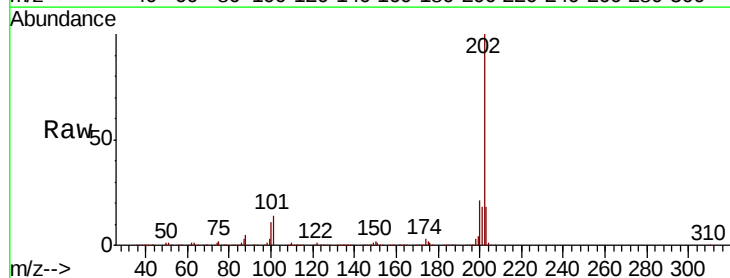
Tgt Ion:202 Resp: 2001557

Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 18.0 14.5 21.7

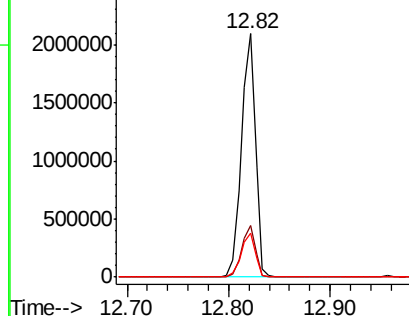
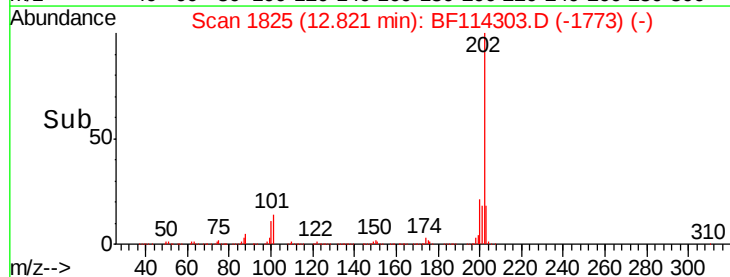


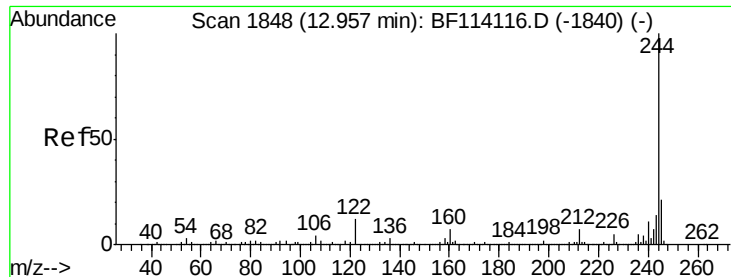
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.466 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114303.D

Acq: 16 May 2019 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2333634

Ion Ratio Lower Upper

244 100

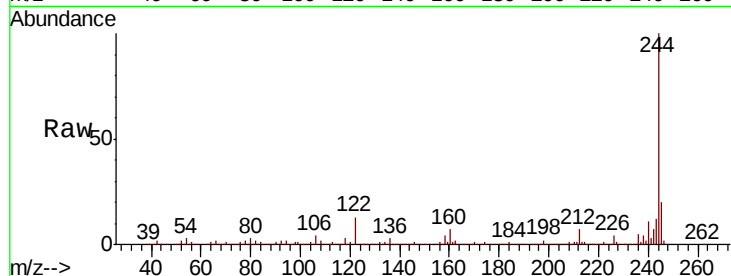
212 7.0 5.8 8.6

122 13.4 9.4 14.2

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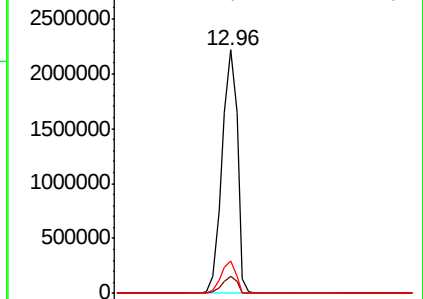
5/24/2019 9:12:13 AM



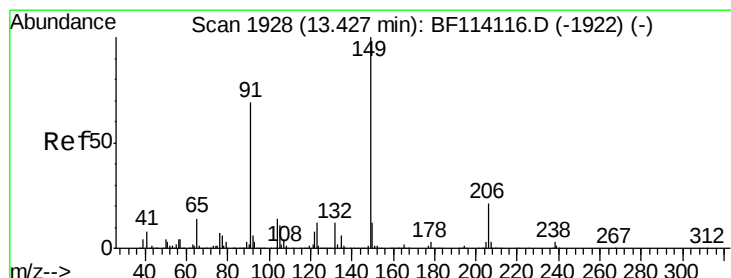
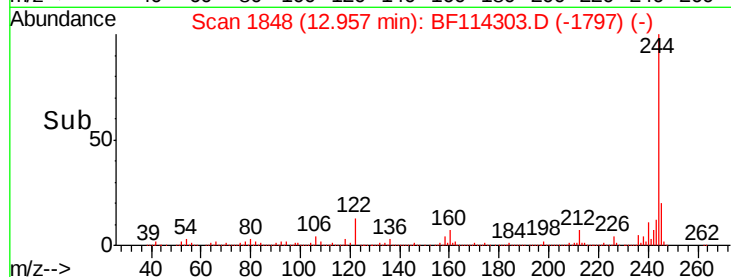
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 42.946 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BF114303.D

Acq: 16 May 2019 11:51

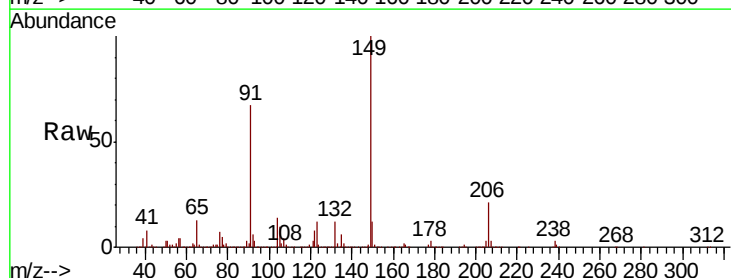
Tgt Ion:149 Resp: 914835

Ion Ratio Lower Upper

149 100

91 67.5 55.0 82.4

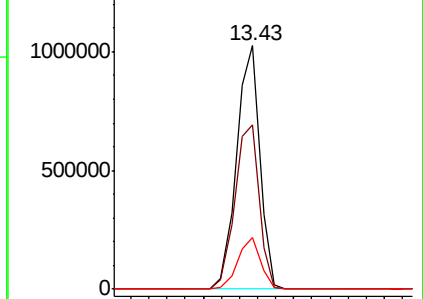
206 21.2 16.9 25.3



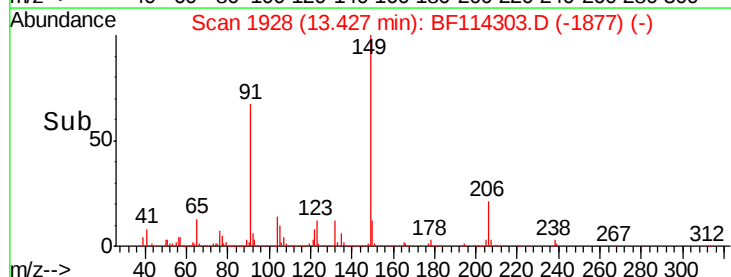
Abundance Ion 149.00 (148.70 to 149.70): E

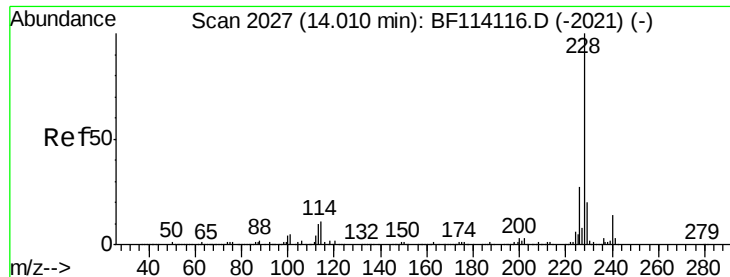
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



Time-->





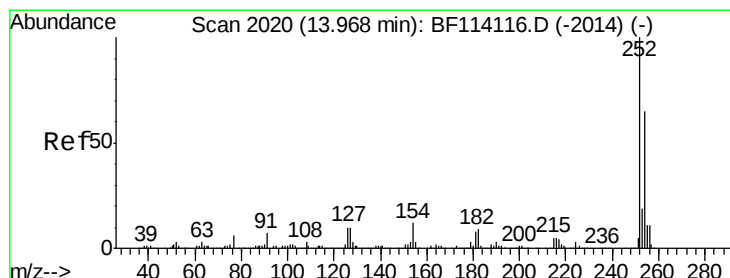
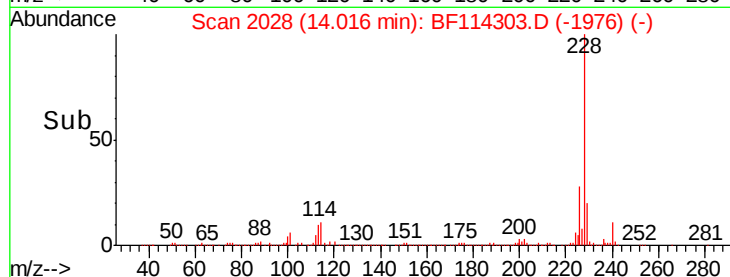
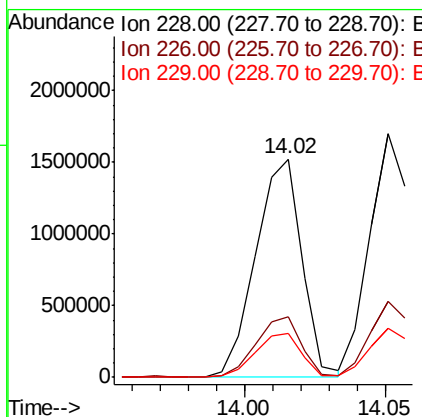
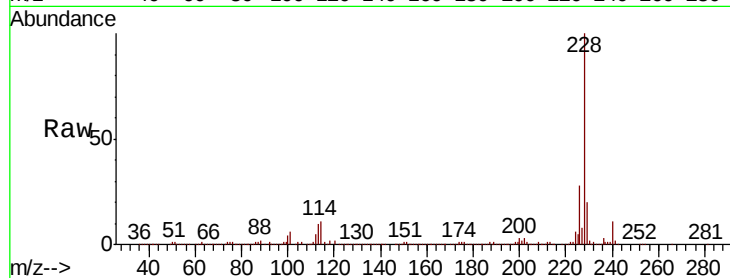
#81
Benzo(a)anthracene
Concen: 42.448 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	20.4	16.4	24.6

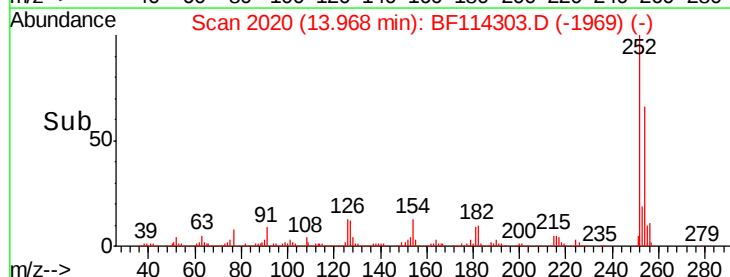
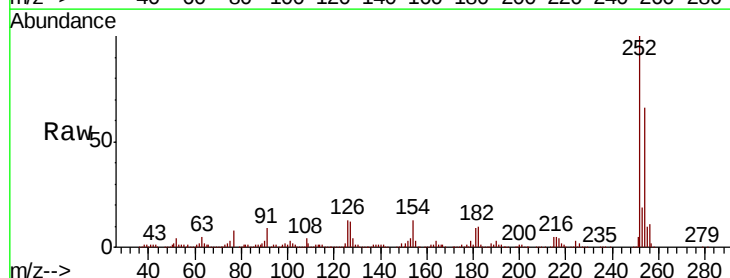
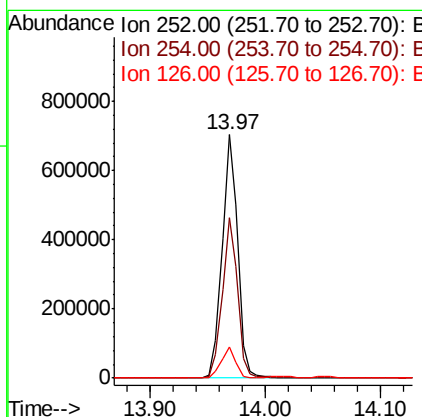
Manual Integrations
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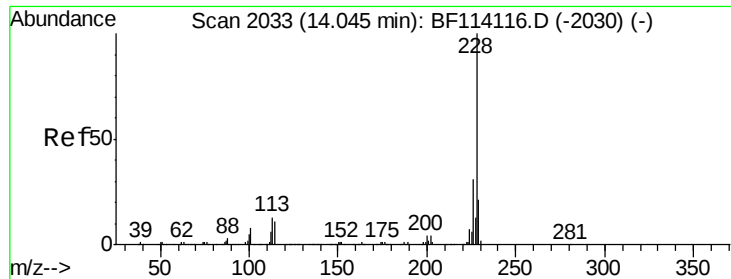
mohammad
5/24/2019 9:12:13 AM



#82
3,3'-Dichlorobenzidine
Concen: 41.918 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.9	77.9
126	12.5	7.9	11.9





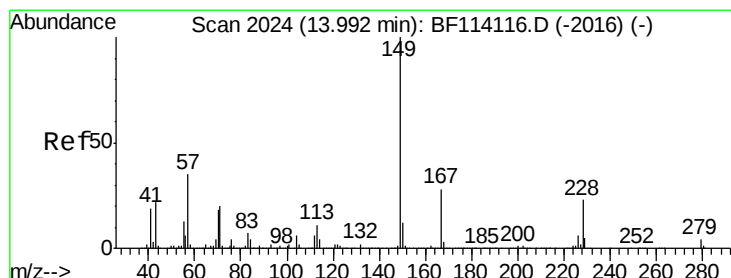
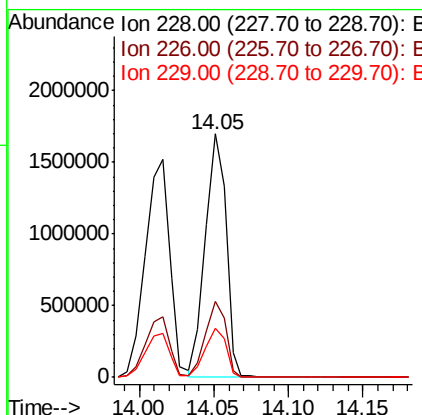
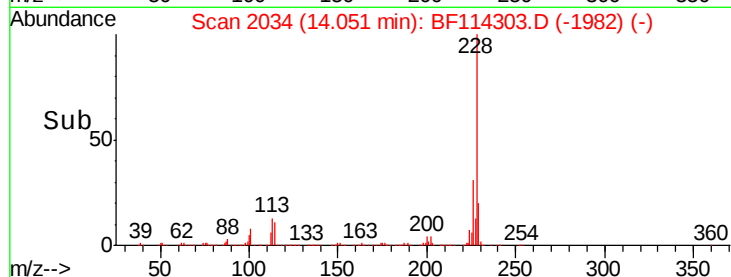
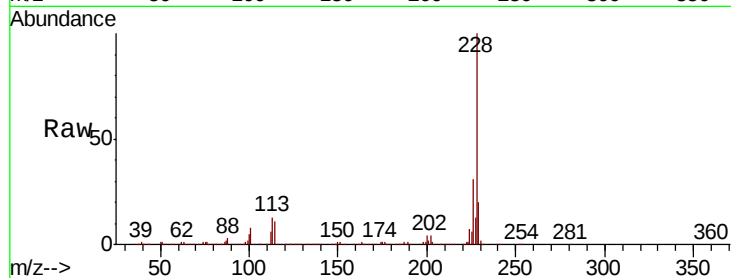
#83
 Chrysene
 Concen: 41.063 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF114303.D
 Acq: 16 May 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 1637958
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 20.3 17.0 25.6

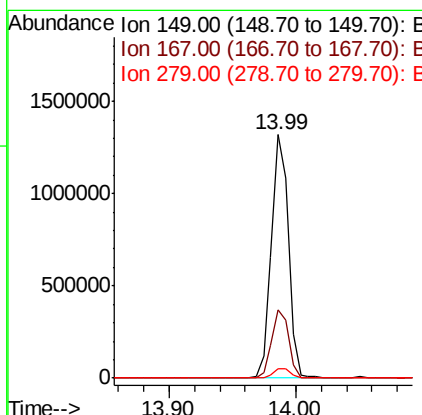
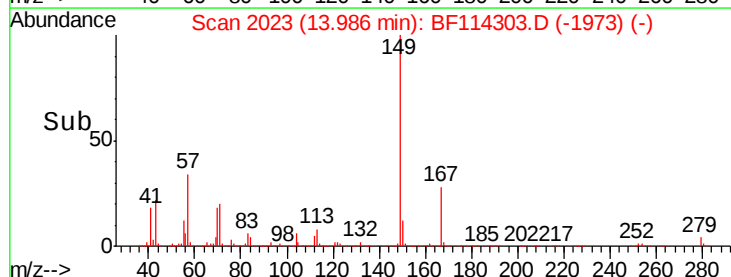
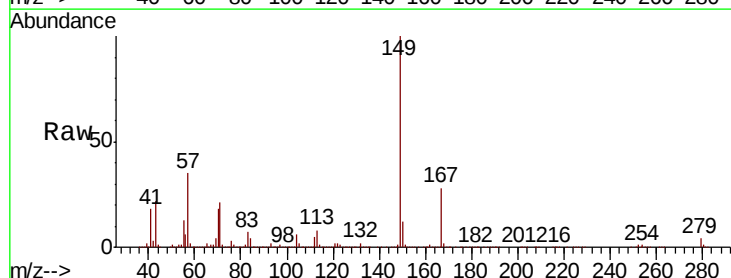
Manual Integrations
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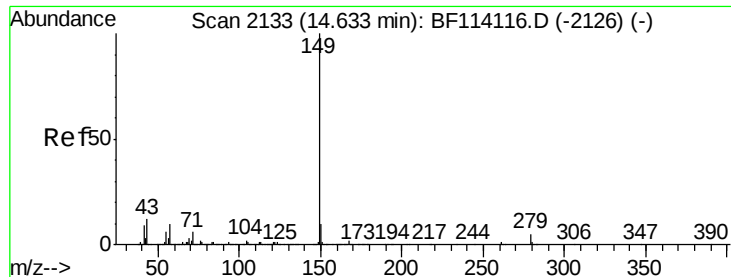
mohammad
 5/24/2019 9:12:13 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.868 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF114303.D
 Acq: 16 May 2019 11:51

Tgt Ion:149 Resp: 1222162
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.6 33.8
 279 3.6 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 43.989 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.02 min

Lab File: BF114303.D

Acq: 16 May 2019 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1986671

Ion Ratio Lower Upper

149 100

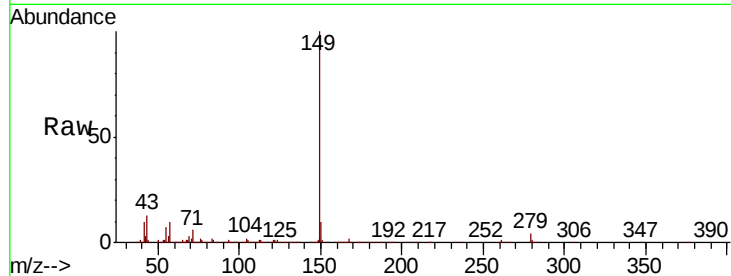
167 1.6 1.3 1.9

43 12.5 10.1 15.1

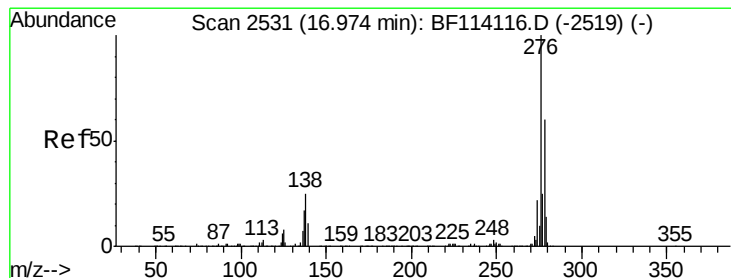
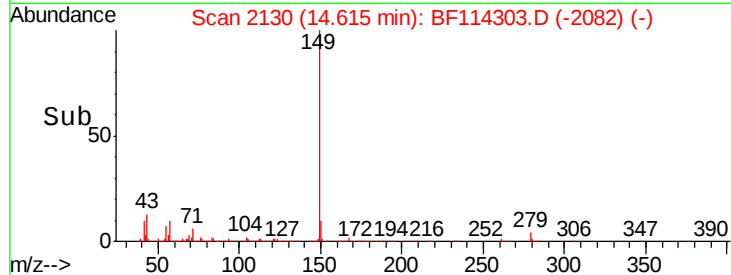
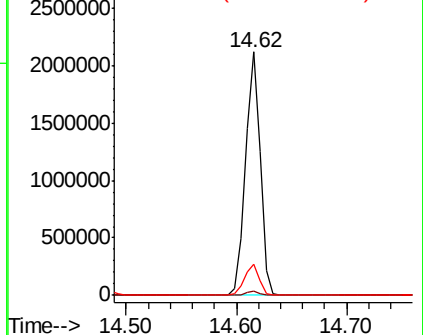
Manual Integrations
APPROVED

mohammad

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.527 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.04 min

Lab File: BF114303.D

Acq: 16 May 2019 11:51

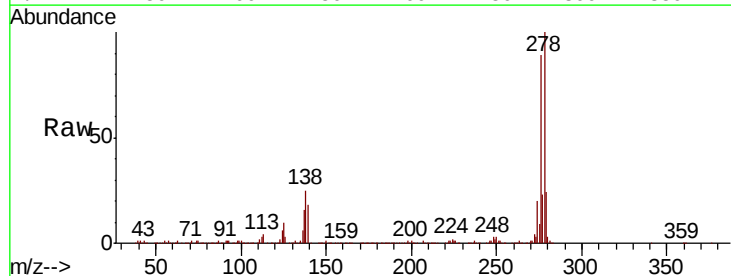
Tgt Ion:276 Resp: 1428706

Ion Ratio Lower Upper

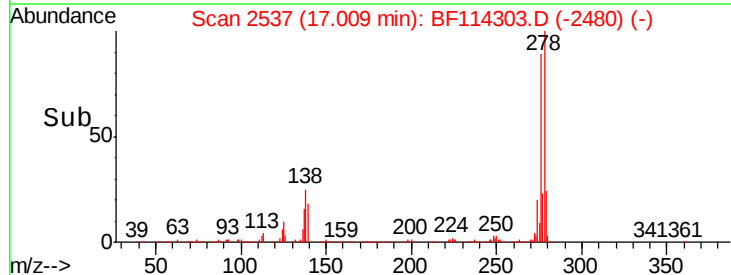
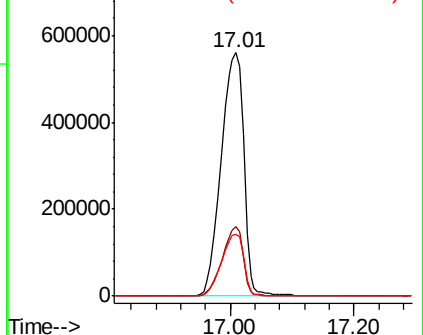
276 100

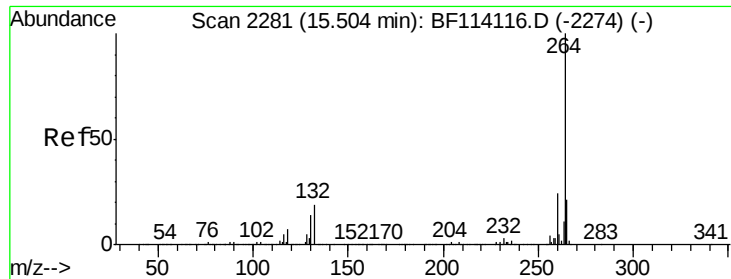
138 26.6 20.2 30.2

277 25.1 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





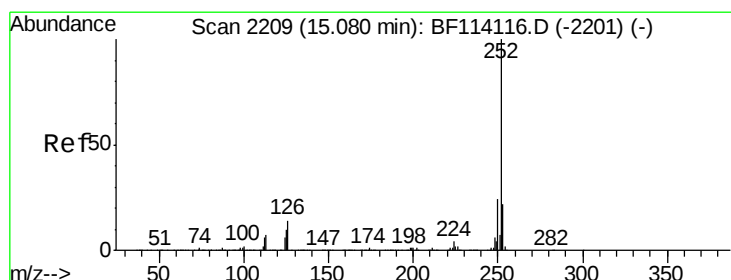
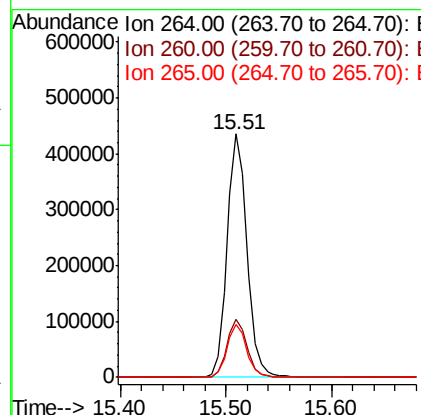
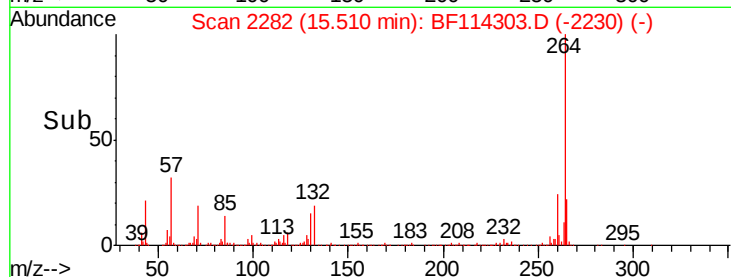
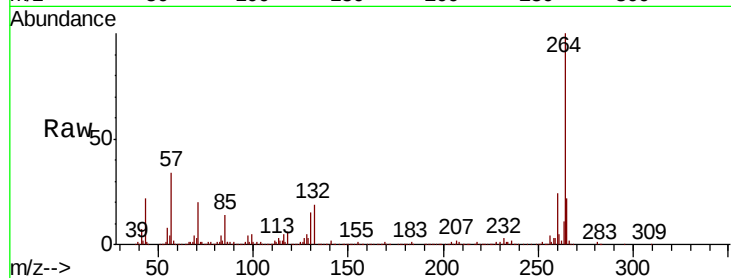
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.9	16.9	25.3

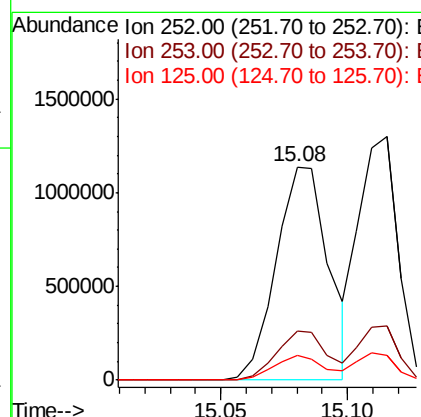
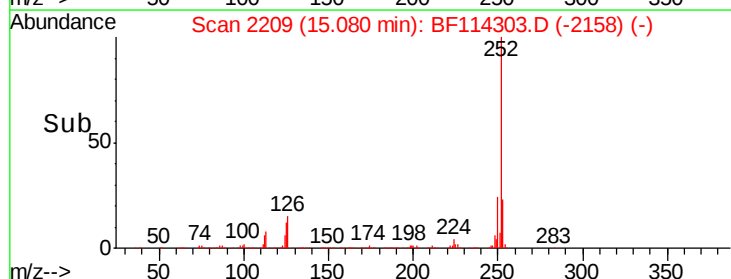
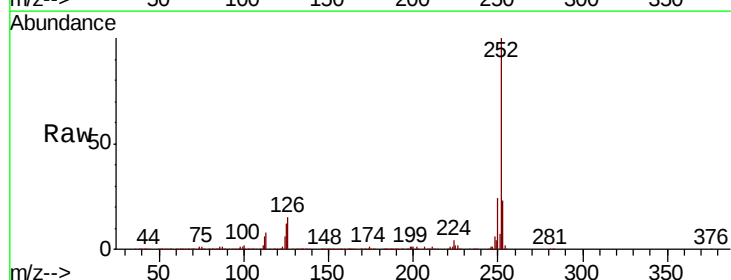
Manual Integrations
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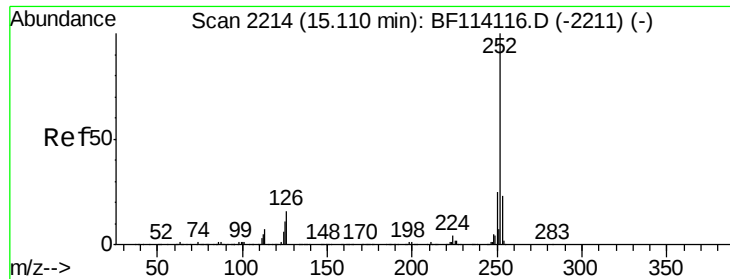
mohammad
5/24/2019 9:12:13 AM



#88
Benzo(b)fluoranthene
Concen: 44.824 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.6	8.3	12.5





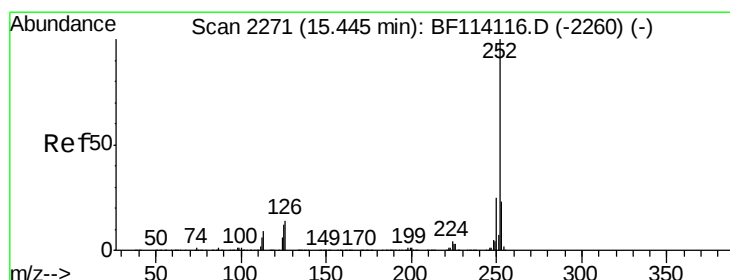
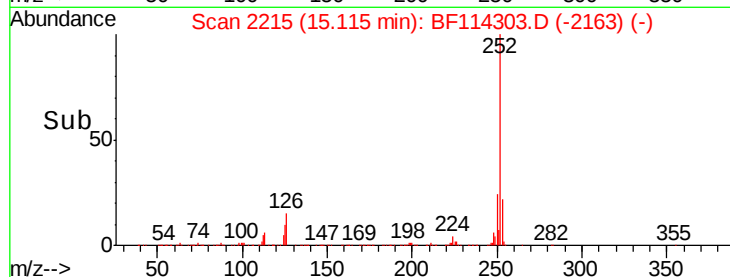
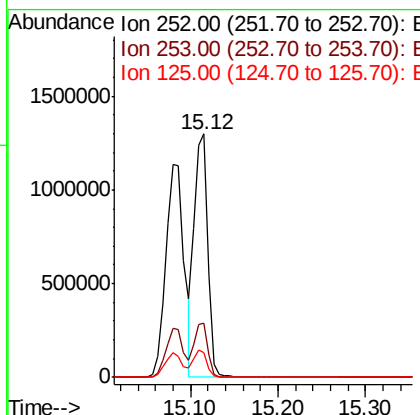
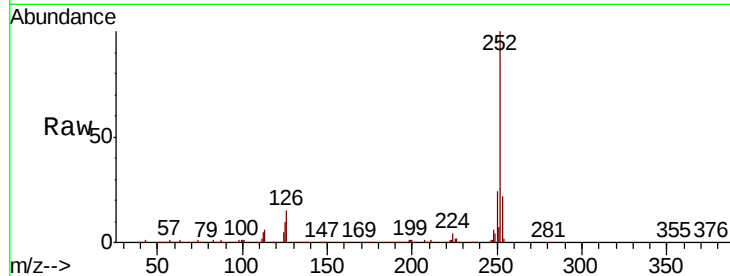
#89
Benzo(k)fluoranthene
Concen: 42.020 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	10.2	8.6	13.0

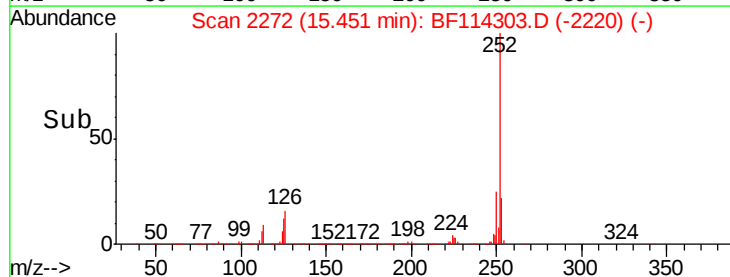
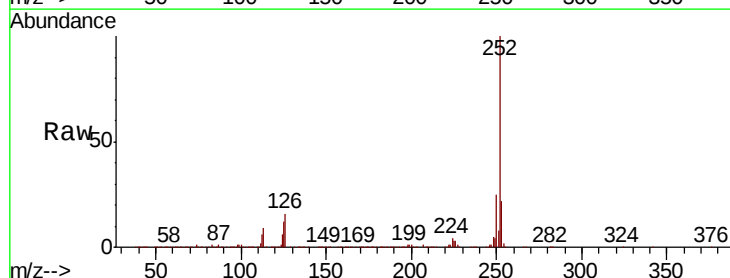
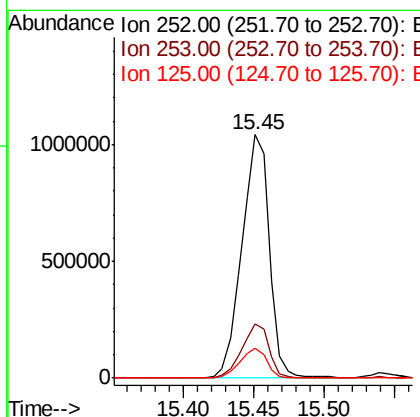
Manual Integrations
APPROVED

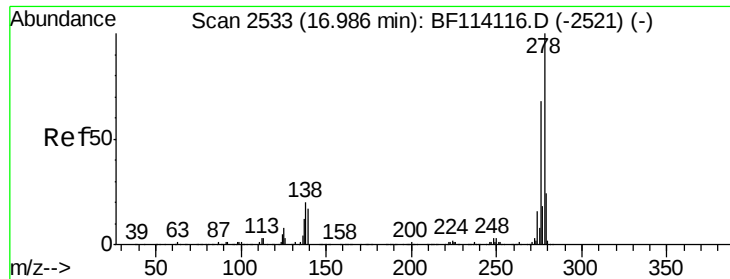
mohammad
5/24/2019 9:12:13 AM



#90
Benzo(a)pyrene
Concen: 43.868 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.1	9.5	14.3





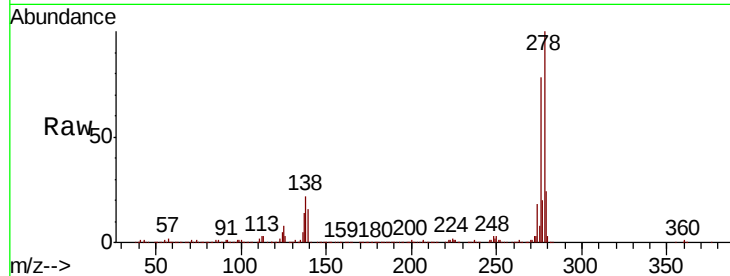
#91
Dibenzo(a,h)anthracene
Concen: 43.344 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.03 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

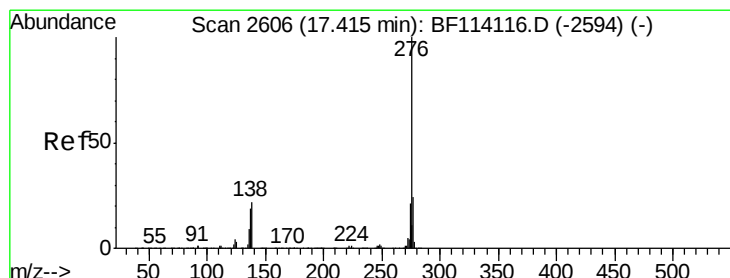
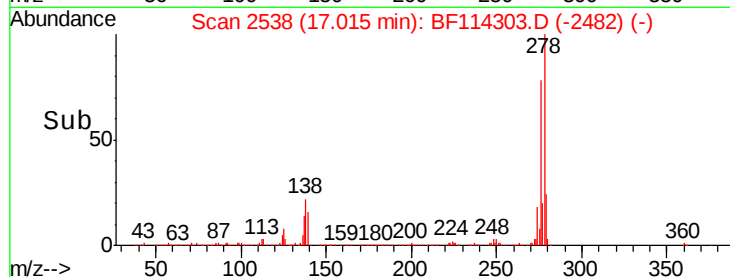
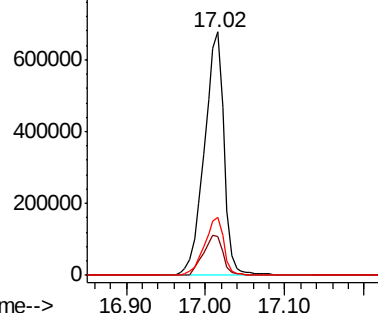
Tot Ion:278 Resp: 1160949
Ion Ratio Lower Upper
278 100
139 16.2 13.5 20.3
279 23.8 19.0 28.6

Manual Integrations
APPROVED

mohammad
5/24/2019 9:12:13 AM

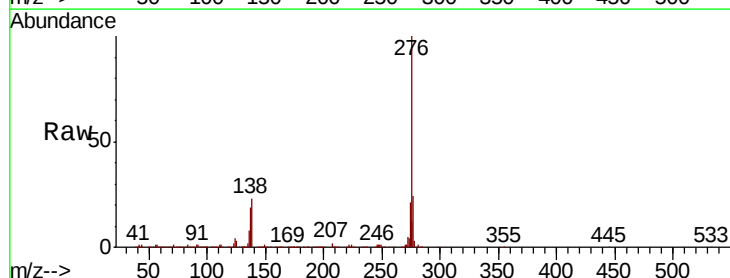


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.285 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.04 min
Lab File: BF114303.D
Acq: 16 May 2019 11:51

Tgt Ion:276 Resp: 1188698
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 22.6 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

