

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
 Data File : BF114221.D
 Acq On : 13 May 2019 11:40
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/14/2019 11:12:17 PM

Quant Time: May 13 14:29:51 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	6.86	152	323511	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1288253	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	615849	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1221390	20.00	ng	0.00
76) Chrysene-d12	14.02	240	837635	20.00	ng	0.00
87) Perylene-d12	15.51	264	889357	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1488464	74.04	ng	0.00
7) Phenol-d6	6.50	99	1897321	79.80	ng	0.01
23) Nitrobenzene-d5	7.42	82	1846428	80.44	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	490806	77.09	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2966845	72.87	ng	0.00
79) Terphenyl-d14	12.96	244	3105486	76.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	398375	36.053	ng	98
3) Pyridine	3.40	79	1123600	36.906	ng	96
4) n-Nitrosodimethylamine	3.36	42	526483	35.861	ng	92
6) Aniline	6.52	93	1328957	38.694	ng	91
8) 2-Chlorophenol	6.65	128	868401	40.464	ng	98
9) Benzaldehyde	6.40	77	654548	39.323	ng	99
10) Phenol	6.52	94	1063628	38.027	ng	82
11) bis(2-Chloroethyl)ether	6.59	93	902103	42.483	ng	97
12) 1,3-Dichlorobenzene	6.80	146	956586	39.708	ng	100
13) 1,4-Dichlorobenzene	6.87	146	962730	39.659	ng	96
14) 1,2-Dichlorobenzene	7.03	146	876518	39.522	ng	99
15) Benzyl Alcohol	7.00	79	746997	40.282	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1664797	40.435	ng	83
17) 2-Methylphenol	7.12	107	703030	39.878	ng	96
18) Hexachloroethane	7.37	117	369331	40.532	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	602558	39.982	ng	96
20) 3+4-Methylphenols	7.27	107	812101	39.870	ng	# 88
22) Acetophenone	7.26	105	1130012	39.595	ng	# 96
24) Nitrobenzene	7.44	77	947614	40.531	ng	96
25) Isophorone	7.67	82	1727866	40.586	ng	99
26) 2-Nitrophenol	7.75	139	481429	42.442	ng	95
27) 2,4-Dimethylphenol	7.79	122	713979	40.076	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1150741	41.659	ng	100
29) 2,4-Dichlorophenol	8.00	162	715359	40.325	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	798785	39.598	ng	99
31) Naphthalene	8.16	128	2401910	39.915	ng	100
32) Benzoic acid	7.93	122	484659m	39.593	ng	
33) 4-Chloroaniline	8.21	127	1136718	41.453	ng	99
34) Hexachlorobutadiene	8.27	225	456385	39.762	ng	98
35) Caprolactam	8.59	113	260674m	45.064	ng	
36) 4-Chloro-3-methylphenol	8.70	107	752932	42.165	ng	98
37) 2-Methylnaphthalene	8.85	142	1600560	41.225	ng	97
38) 1-Methylnaphthalene	8.95	142	1496865	40.940	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	742230	39.786	ng	99

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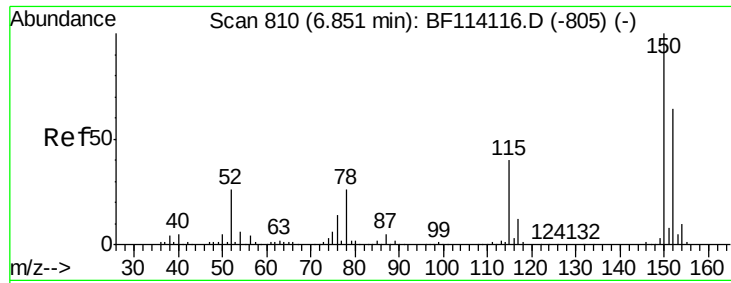
Manual Integrations
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Quant Time: May 13 14:29:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	265859	33.260	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	520919	40.596	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	536847	40.795	nq	95
46) 1,1'-Biphenyl	9.31	154	1942352	39.040	nq	98
47) 2-Chloronaphthalene	9.34	162	1556070	38.863	nq	99
48) 2-Nitroaniline	9.43	65	588754	41.461	nq	97
49) Acenaphthylene	9.75	152	2393846	39.309	nq	99
50) Dimethylphthalate	9.62	163	1876065	41.498	nq	100
51) 2,6-Dinitrotoluene	9.67	165	418151	41.701	nq	99
52) Acenaphthene	9.93	154	1418671	37.963	nq	99
53) 3-Nitroaniline	9.85	138	515770	41.436	nq	94
54) 2,4-Dinitrophenol	9.96	184	180097	39.452	nq	98
55) Dibenzofuran	10.10	168	2080952	37.975	nq	98
56) 4-Nitrophenol	10.02	139	300522	34.140	nq	97
57) 2,4-Dinitrotoluene	10.09	165	539111	39.611	nq	98
58) Fluorene	10.44	166	1639749	38.741	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	431016	37.960	nq	99
60) Diethylphthalate	10.31	149	1822023	39.665	nq	100
61) 4-Chlorophenyl-phenylether	10.43	204	811835	39.052	nq	98
62) 4-Nitroaniline	10.46	138	532894	40.741	nq	96
63) Azobenzene	10.59	77	1777347	39.974	nq	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	251436	42.842	nq	89
66) n-Nitrosodiphenylamine	10.55	169	1498328	40.419	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	545473	40.562	nq	96
68) Hexachlorobenzene	10.99	284	591251	39.742	nq	100
69) Atrazine	11.07	200	490582	42.527	nq	99
70) Pentachlorophenol	11.19	266	256455	36.364	nq	98
71) Phenanthrene	11.40	178	2330767	39.224	nq	100
72) Anthracene	11.46	178	2415397	40.469	nq	100
73) Carbazole	11.61	167	2298204	40.380	nq	99
74) Di-n-butylphthalate	11.93	149	2819634	43.002	nq	99
75) Fluoranthene	12.59	202	2533942	39.599	nq	99
77) Benzidine	12.70	184	1343922	35.743	nq	99
78) Pyrene	12.82	202	2569366	38.130	nq	99
80) Butylbenzylphthalate	13.43	149	1292409	45.568	nq	97
81) Benzo(a)anthracene	14.01	228	2282363	42.127	nq	98
82) 3,3'-Dichlorobenzidine	13.97	252	923148	43.924	nq	# 98
83) Chrysene	14.05	228	2123184	39.977	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1761896	47.498	nq	100
85) Di-n-octyl phthalate	14.62	149	2933872	48.790	nq	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1996093	42.527	nq	99
88) Benzo(b)fluoranthene	15.08	252	2447463	42.955	nq	98
89) Benzo(k)fluoranthene	15.12	252	1912006	36.531	nq	99
90) Benzo(a)pyrene	15.45	252	2036813	40.619	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	1656129	39.746	nq	99
92) Benzo(g,h,i)perylene	17.44	276	1579042	37.815	nq	99

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



#1

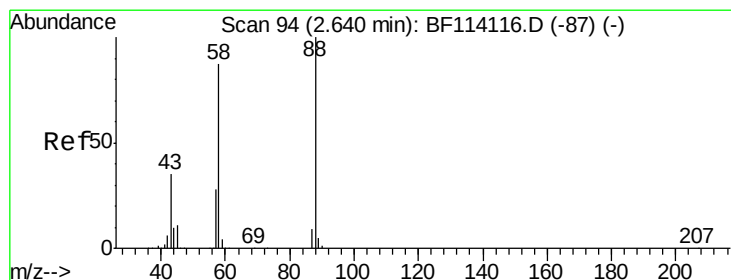
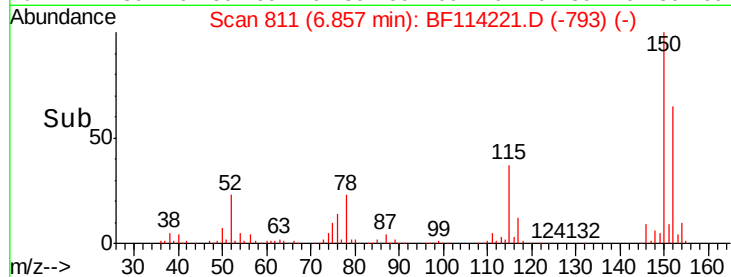
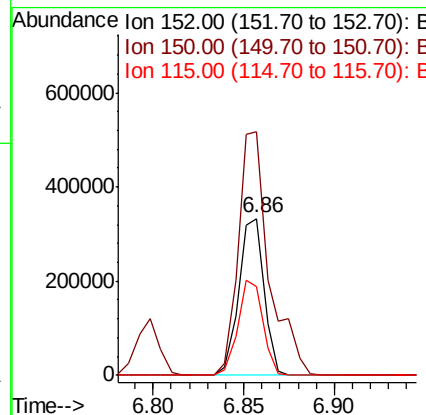
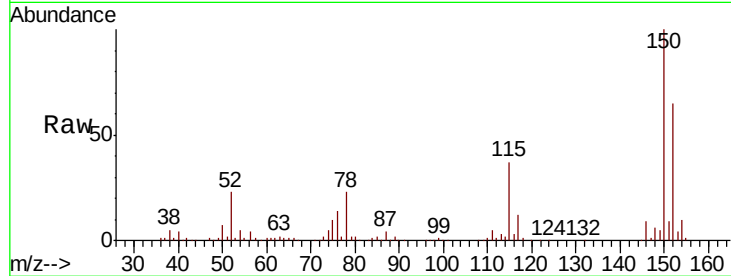
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.3	186.5
115	56.6	49.1	73.7

Manual Integrations
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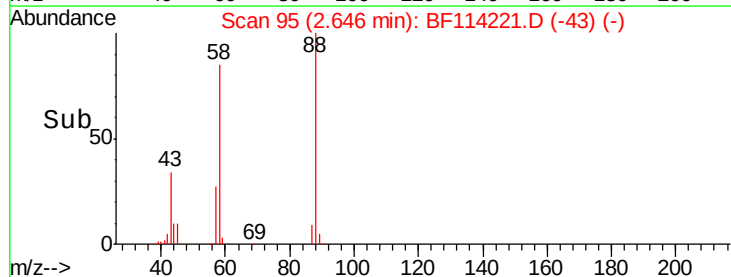
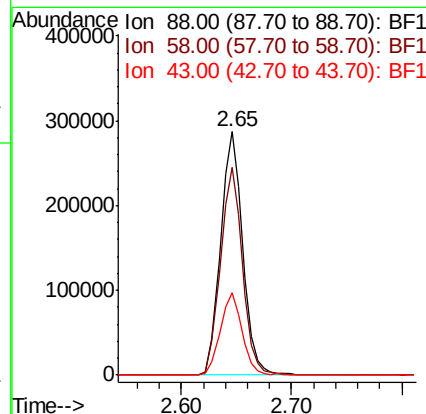
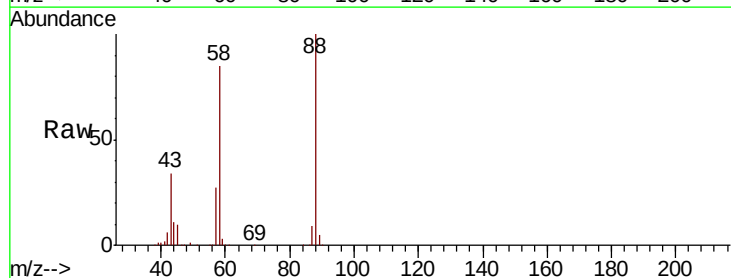
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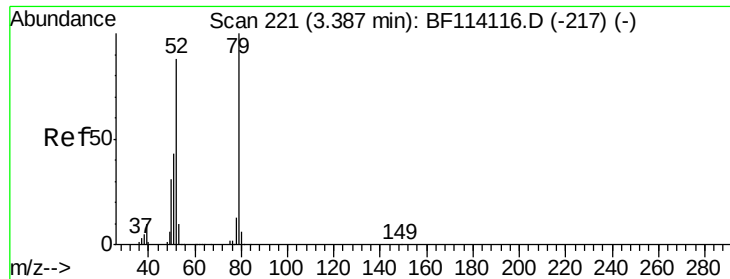


#2

1,4-Dioxane
Concen: 36.053 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.7	68.7	103.1
43	33.8	28.2	42.2





#3

Pvridine

Concen: 36.906 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.01 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1123600

Ion Ratio Lower Upper

79 100

52 84.1 70.6 105.8

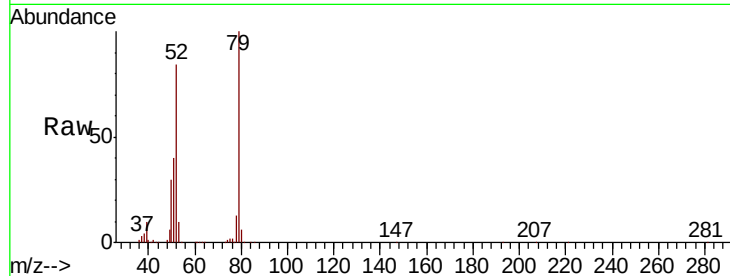
51 40.3 34.2 51.2

Manual Integrations

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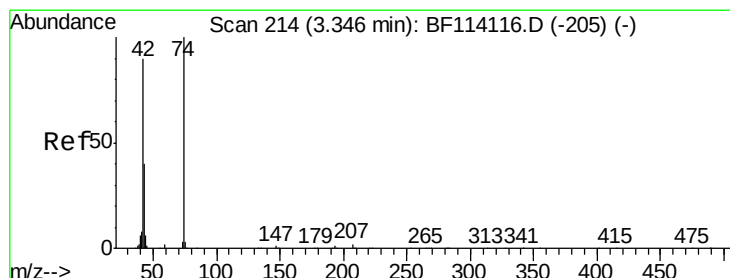
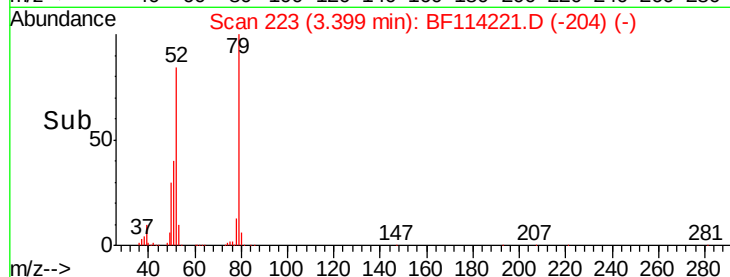
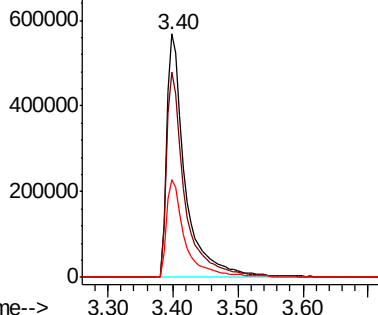
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.861 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.01 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

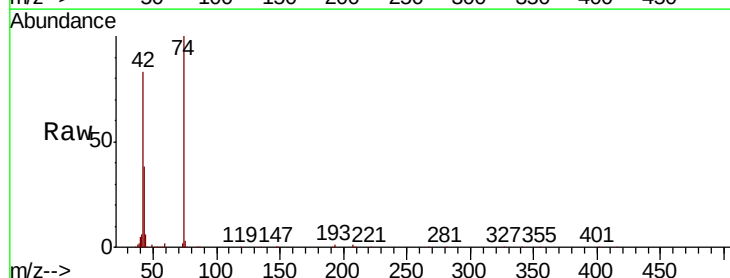
Tgt Ion: 42 Resp: 526483

Ion Ratio Lower Upper

42 100

74 120.1 88.6 132.8

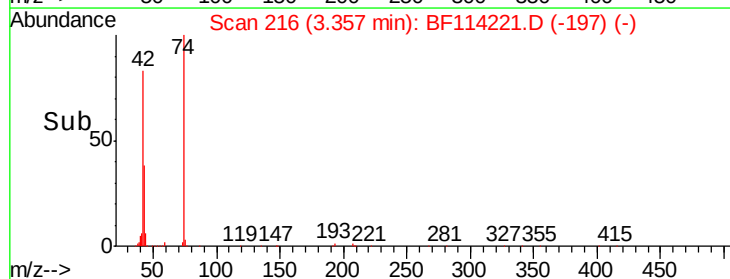
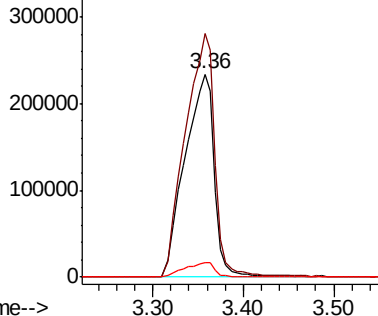
44 7.2 5.5 8.3

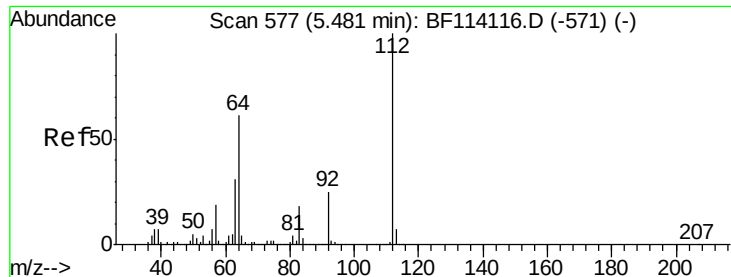


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 74.042 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1488464

Ion Ratio Lower Upper

112 100

64 65.0 49.0 73.6

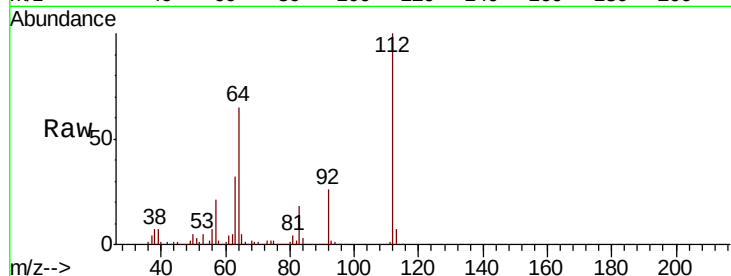
63 32.4 24.6 37.0

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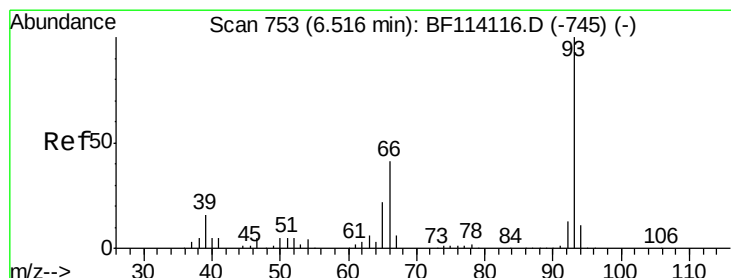
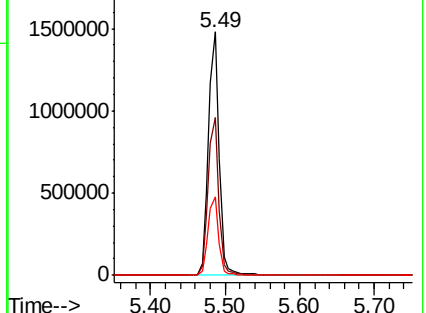
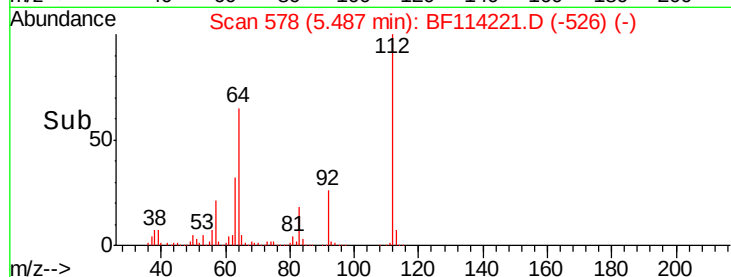
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.694 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

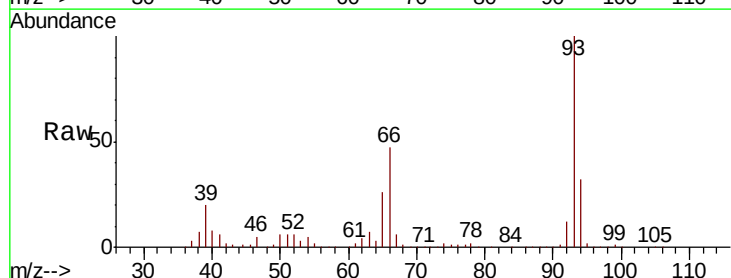
Tgt Ion: 93 Resp: 1328957

Ion Ratio Lower Upper

93 100

66 47.0 33.2 49.8

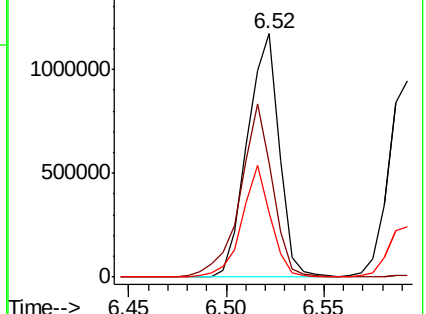
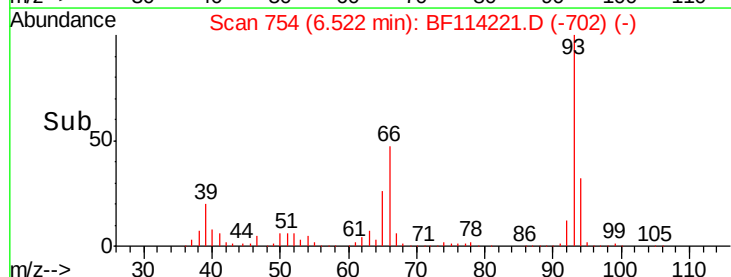
65 26.4 17.6 26.4

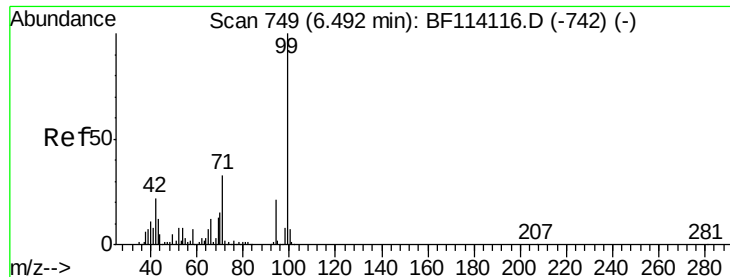


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.798 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1897321

Ion Ratio Lower Upper

99 100

42 21.7 17.9 26.9

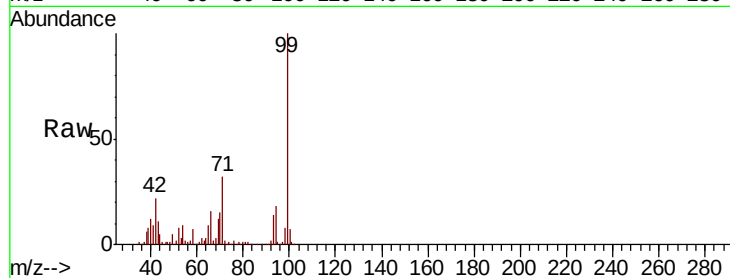
71 32.0 26.2 39.2

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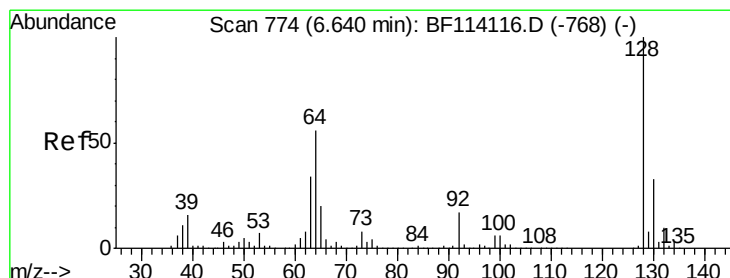
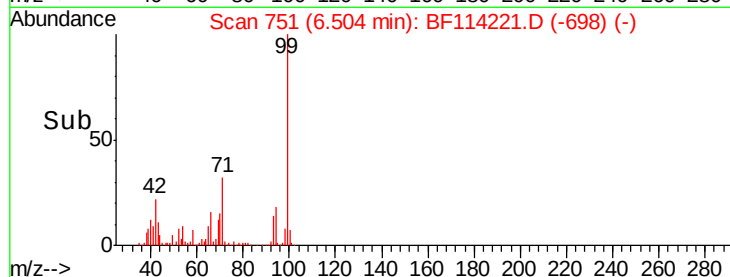
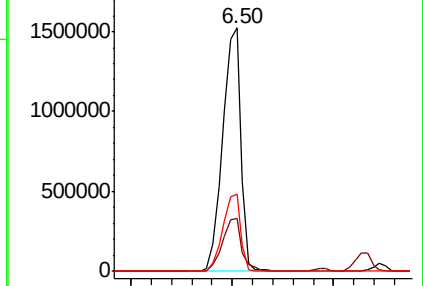
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.464 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

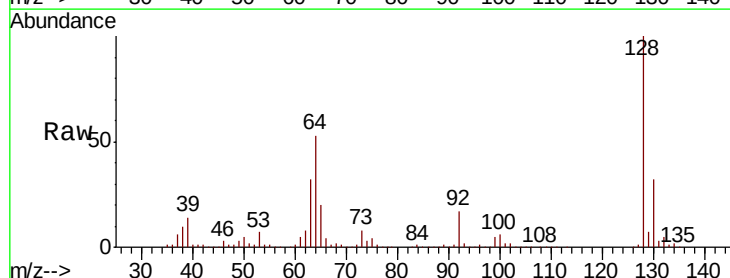
Tgt Ion: 128 Resp: 868401

Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

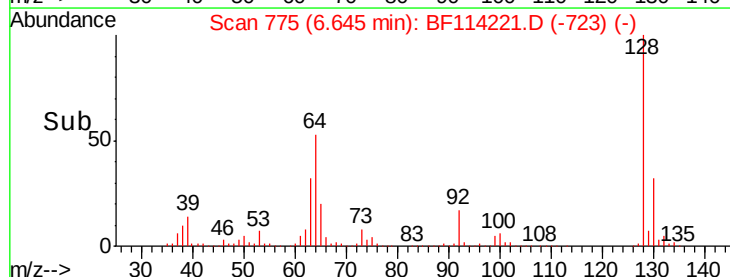
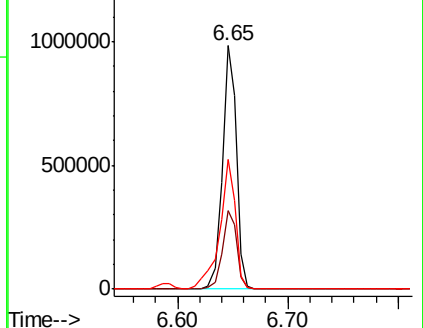
64 53.4 35.9 75.9

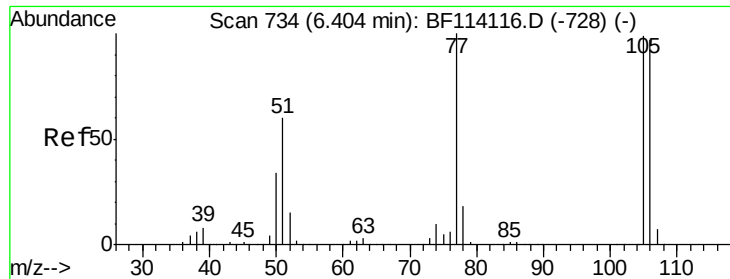


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.323 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

Instrument :

BNA_F

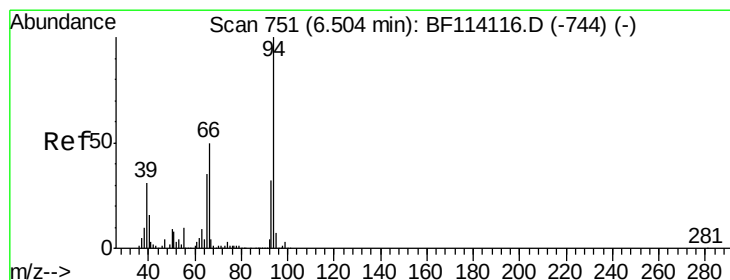
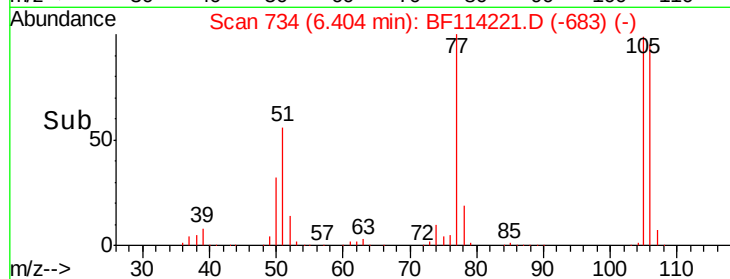
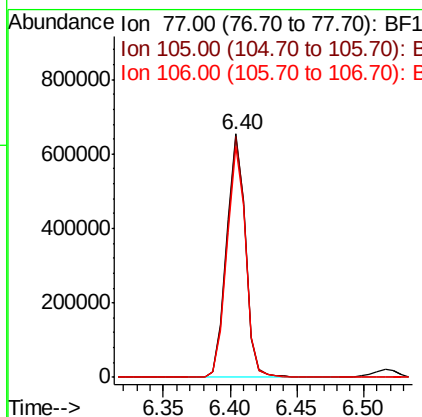
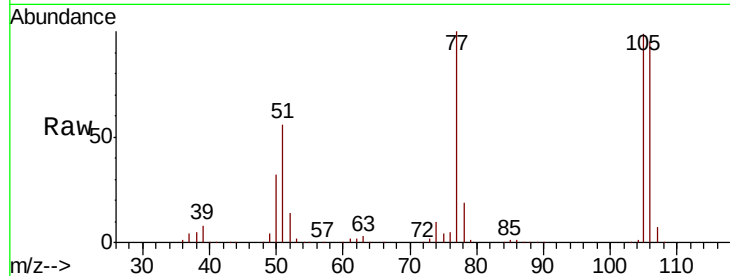
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	654548
Ion	Ratio	Lower	Upper
77	100		
105	98.8	79.3	119.3
106	94.9	77.0	117.0

Manual Integrations
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#10

Phenol

Concen: 38.027 ng

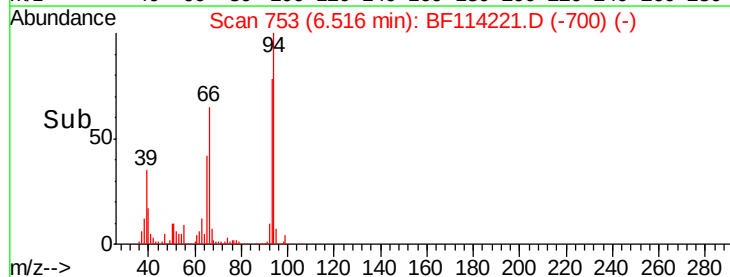
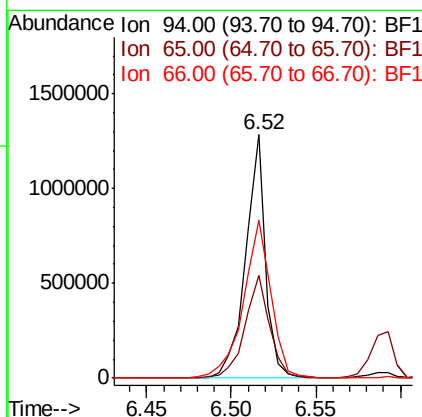
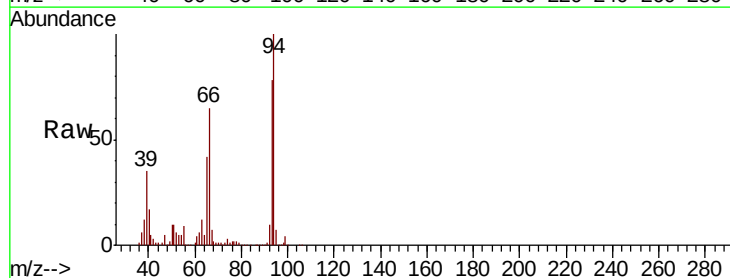
RT: 6.52 min Scan# 753

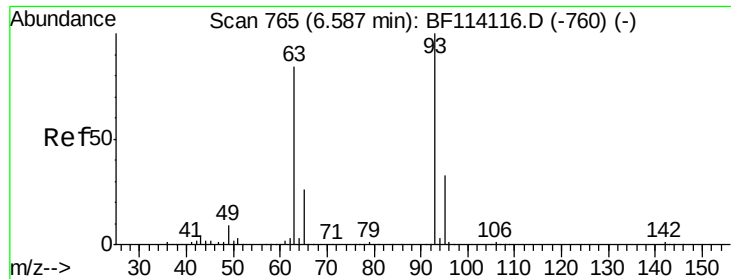
Delta R.T. 0.01 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

Tgt Ion:	94	Resp:	1063628
Ion	Ratio	Lower	Upper
94	100		
65	42.0	14.7	54.7
66	64.9	29.6	69.6





#11

bis(2-Chloroethyl)ether

Concen: 42.483 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

Instrument :

BNA_F

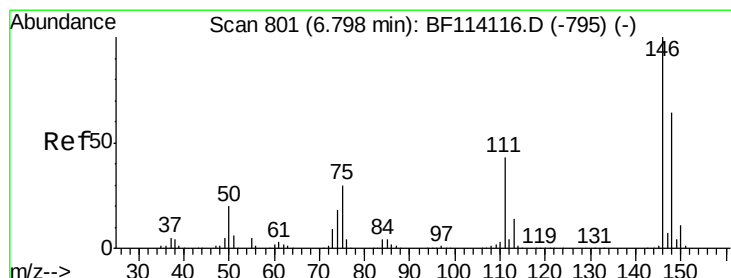
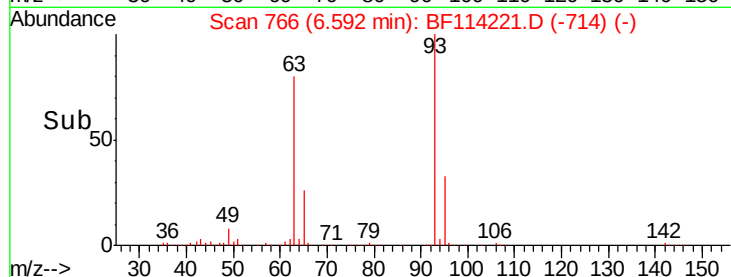
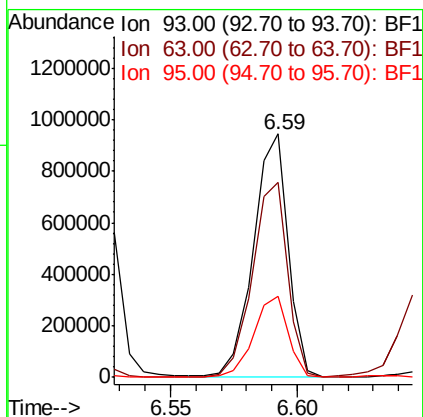
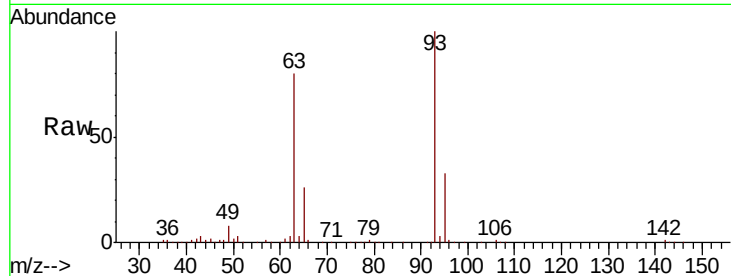
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	902103
Ion Ratio	Lower	Upper	
93	100		
63	79.9	63.6	103.6
95	33.3	13.1	53.1

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#12

1,3-Dichlorobenzene

Concen: 39.708 ng

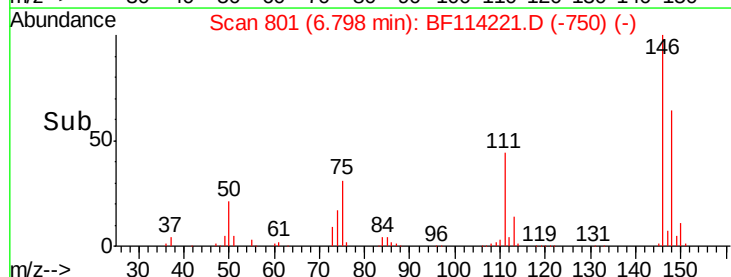
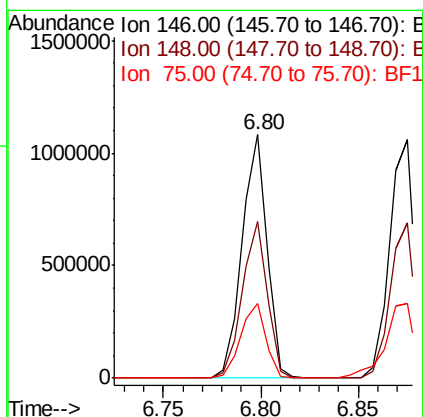
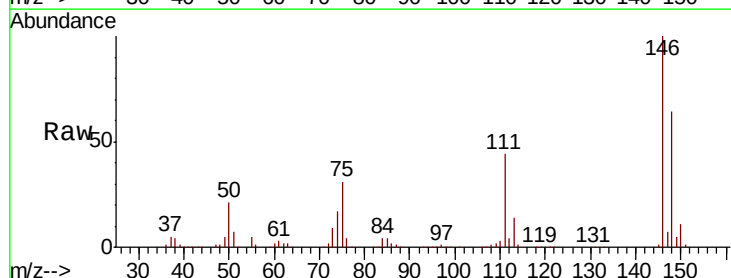
RT: 6.80 min Scan# 801

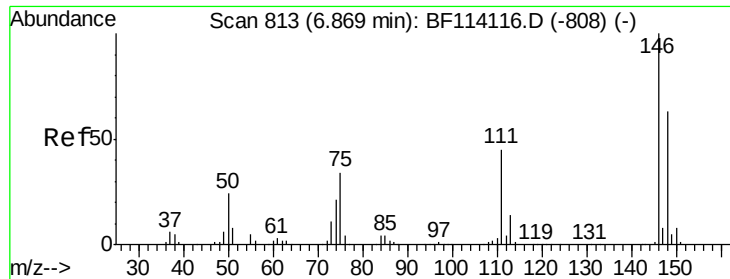
Delta R.T. 0.00 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

Tgt Ion:	146	Resp:	956586
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.6	77.4
75	30.9	24.2	36.2





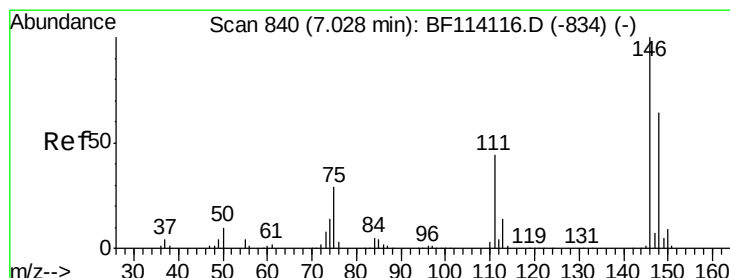
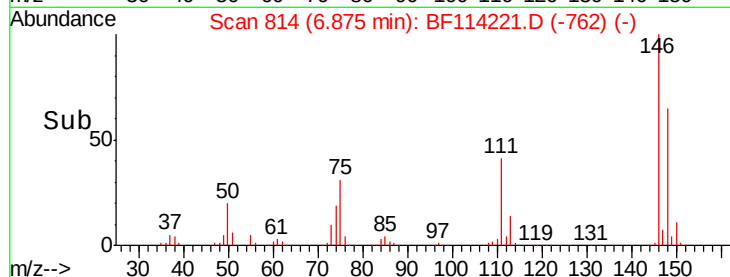
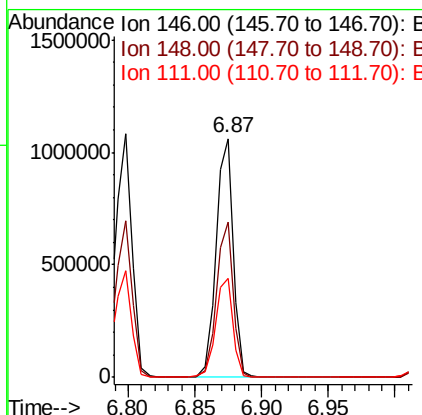
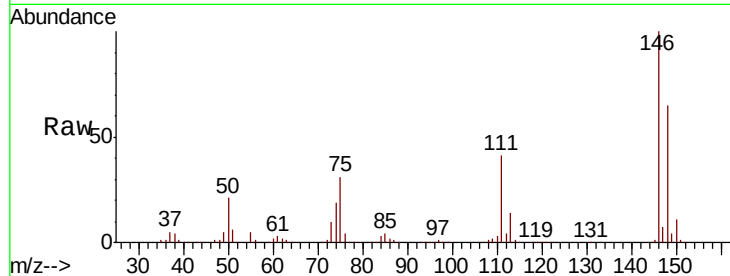
#13
 1,4-Dichlorobenzene
 Concen: 39.659 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF114221.D
 Acq: 13 May 2019 11:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.2	75.2
111	41.5	35.8	53.6

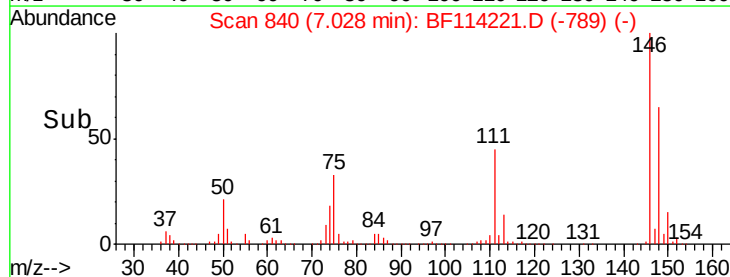
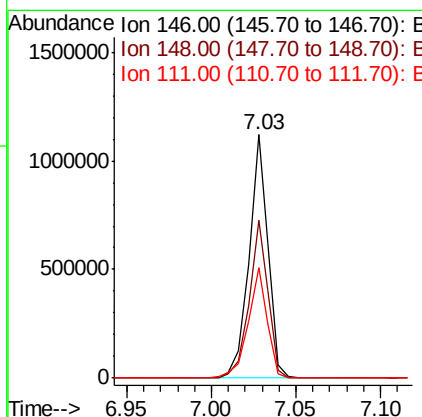
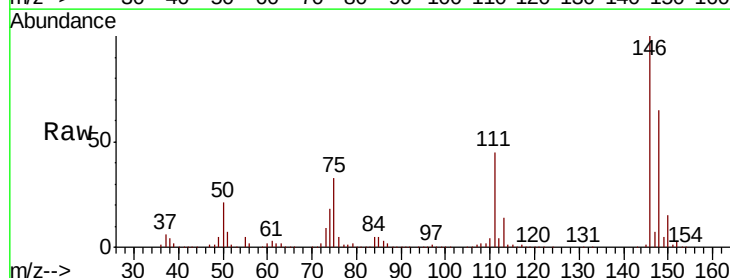
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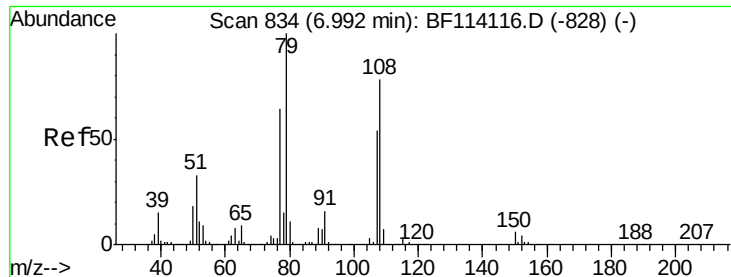
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.522 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF114221.D
 Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.1	76.7
111	45.4	35.3	52.9





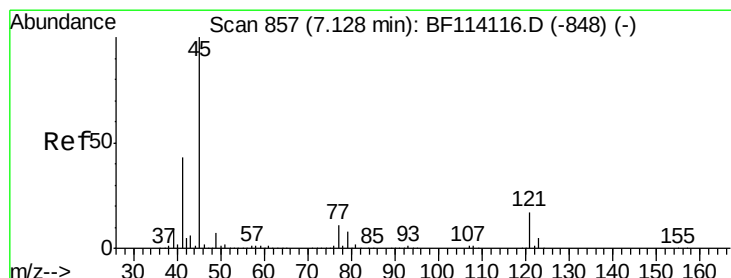
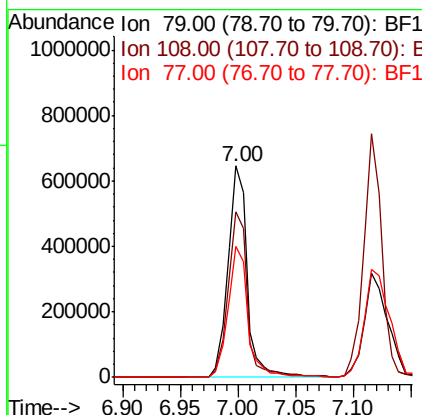
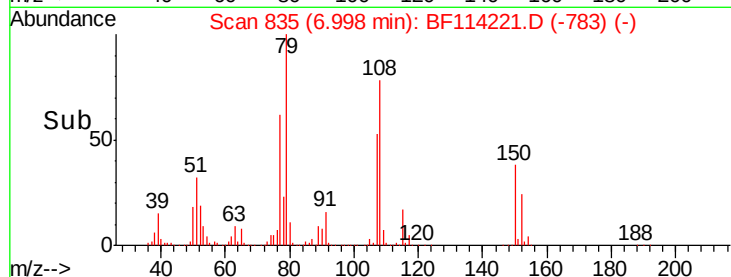
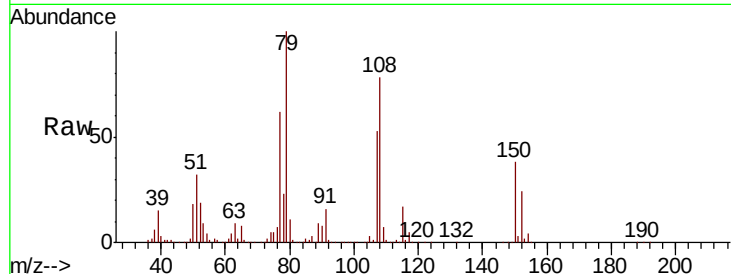
#15
Benzyl Alcohol
Concen: 40.282 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.0	62.1	93.1
77	61.9	51.0	76.6

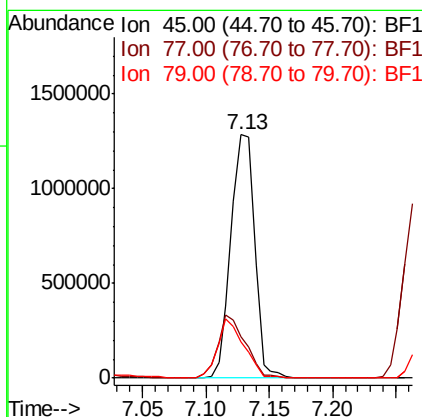
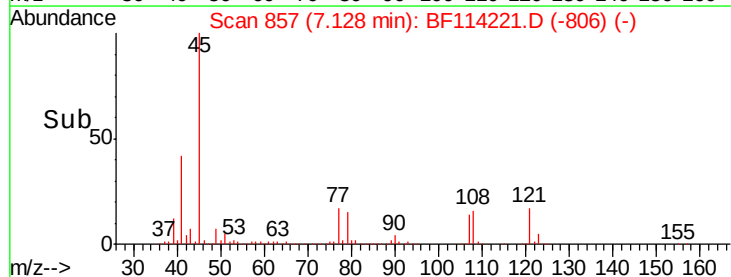
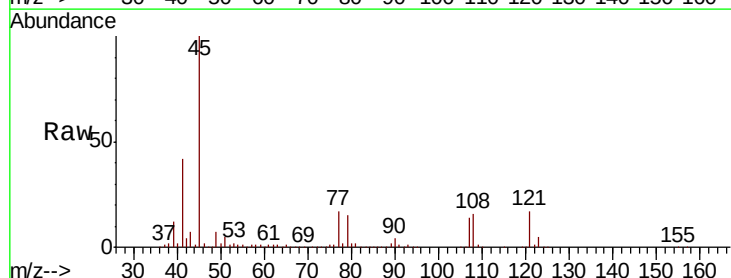
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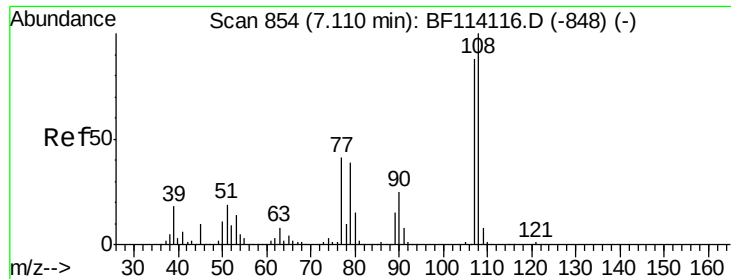
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.435 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	31.1
79	14.8	0.0	28.4





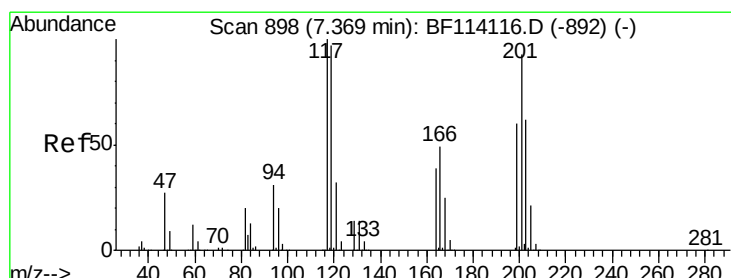
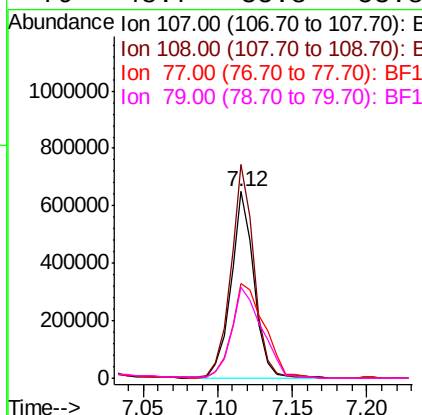
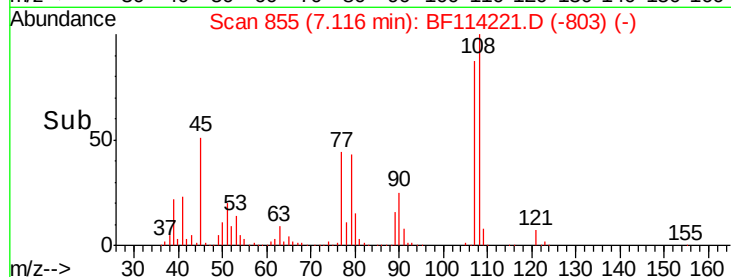
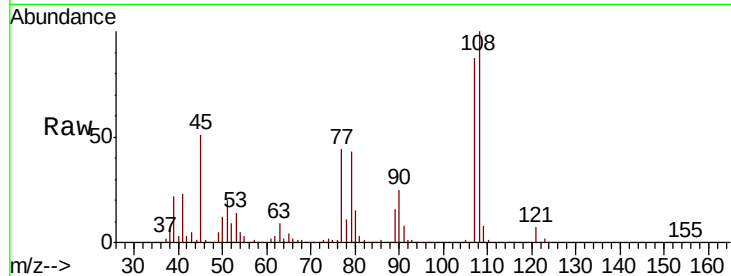
#17
2-Methylphenol
Concen: 39.878 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	90.5	135.7
77	50.9	37.0	55.4
79	48.7	35.8	53.8

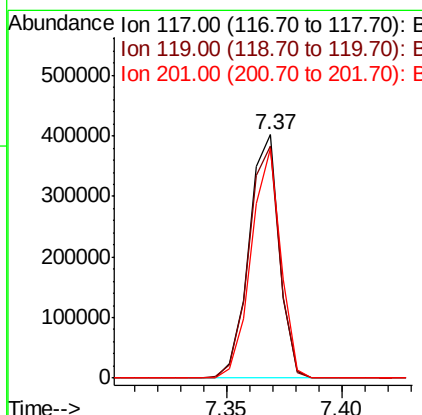
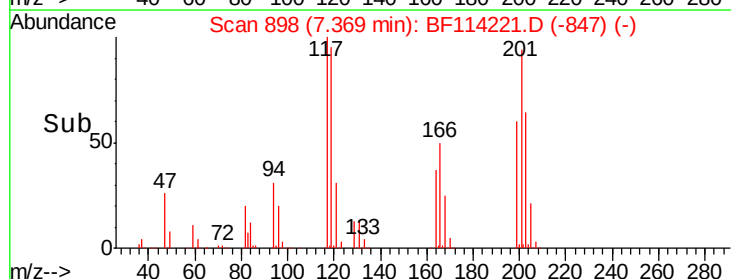
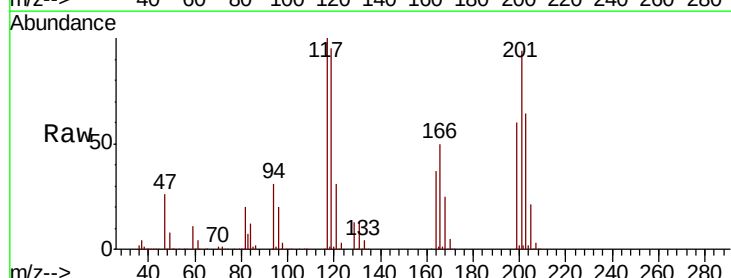
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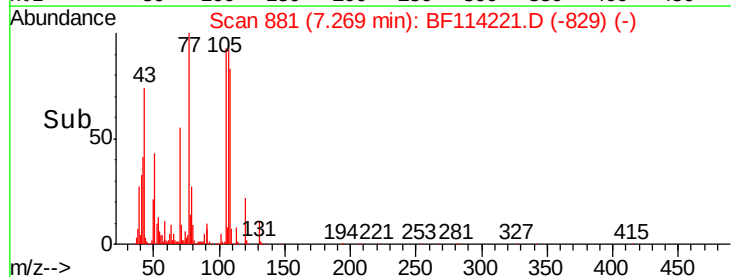
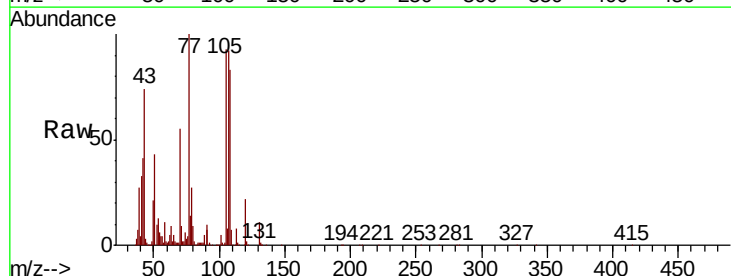
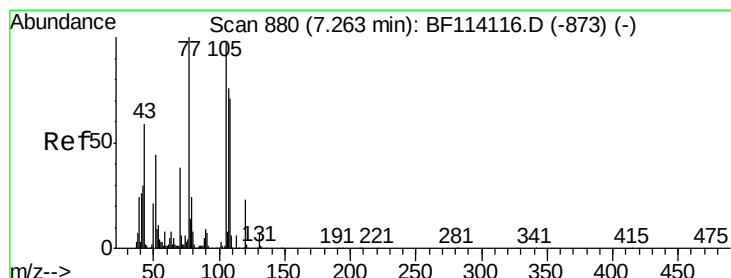
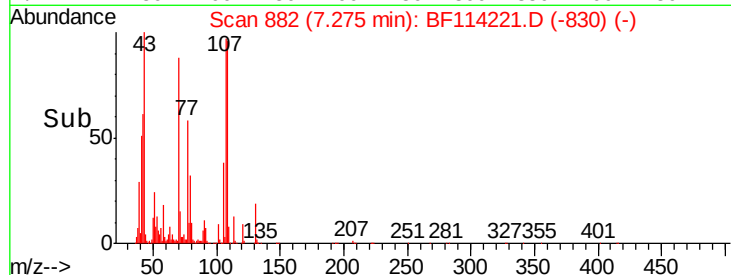
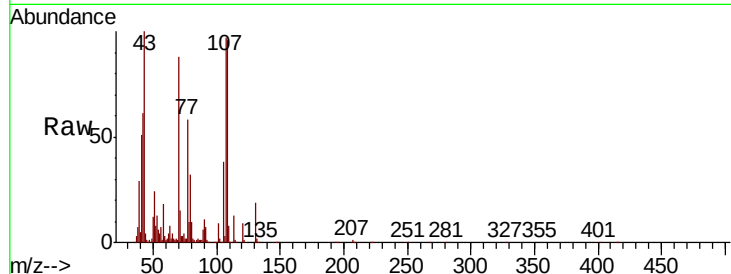
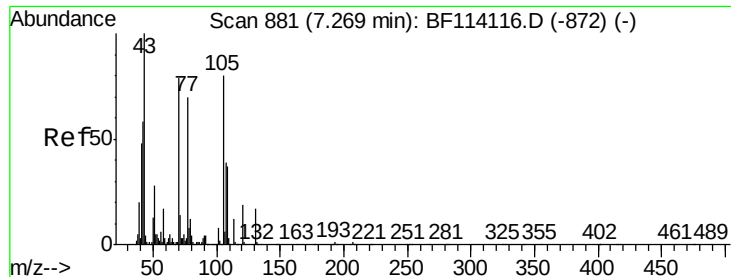
mohammad
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#18
Hexachloroethane
Concen: 40.532 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.4	116.2
201	94.4	74.5	111.7





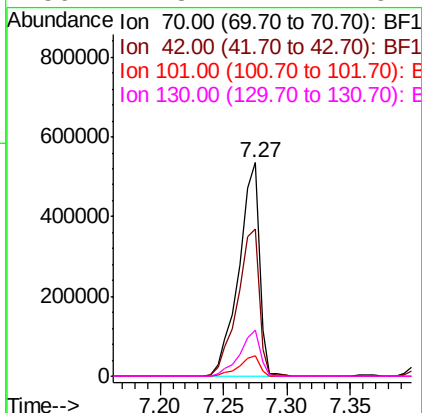
#19
n-Nitroso-di-n-propylamine
Concen: 39.982 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.2	58.6	87.8	
101	9.8	7.8	11.8	
130	21.8	17.1	25.7	

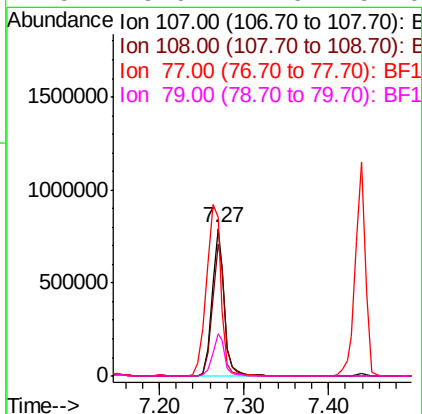
Manual Integrations
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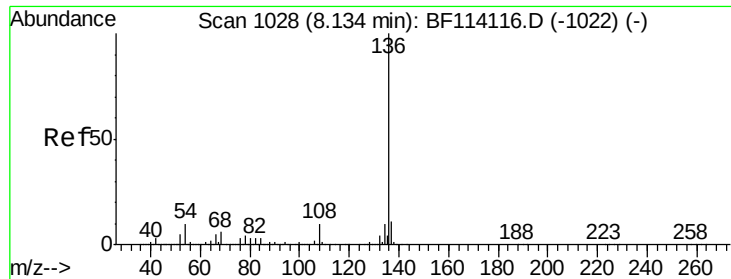
mohammad
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#20
3+4-Methylphenols
Concen: 39.870 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.6	73.8	113.8	
77	108.1	111.5	151.5#	
79	28.9	12.0	52.0	





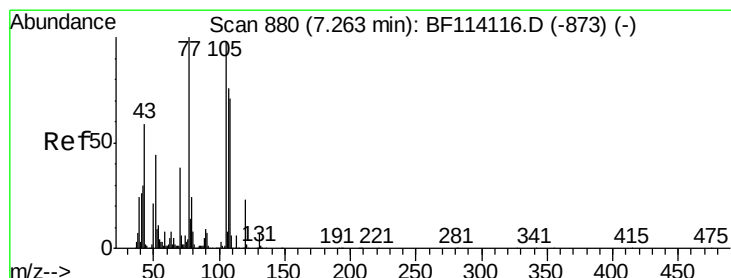
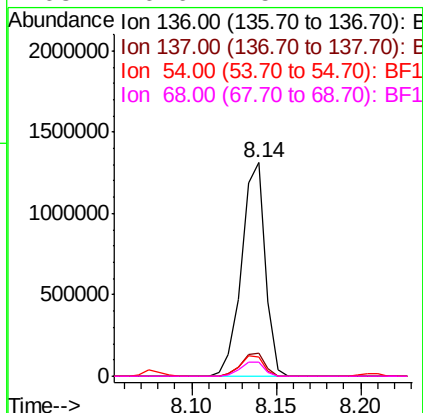
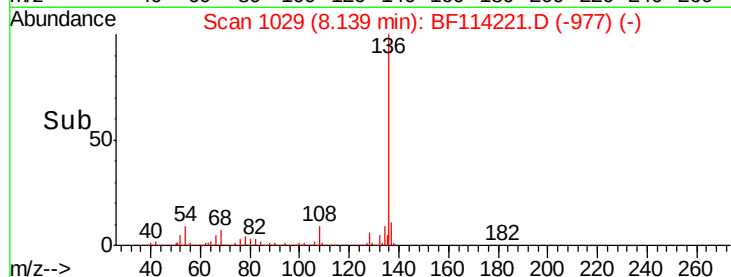
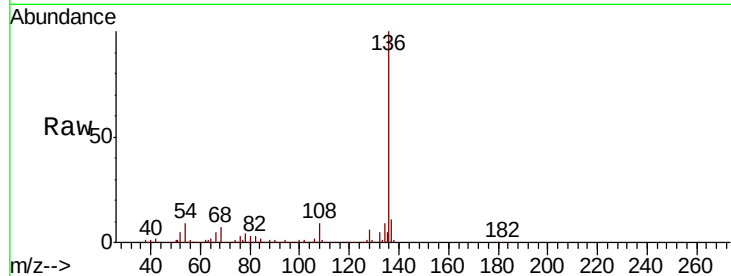
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.1	7.8	11.8
68	6.6	5.1	7.7

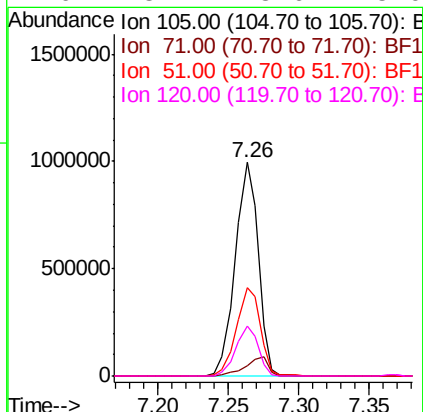
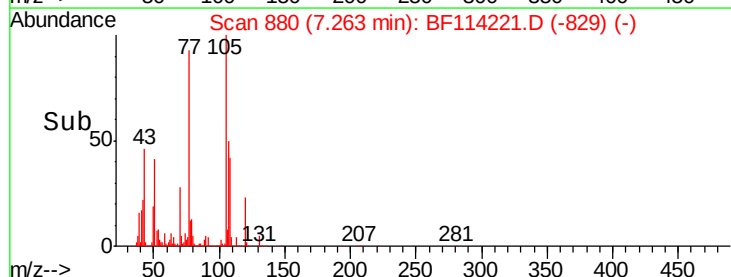
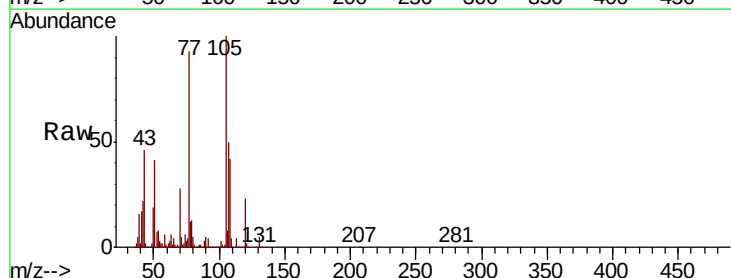
Manual Integrations
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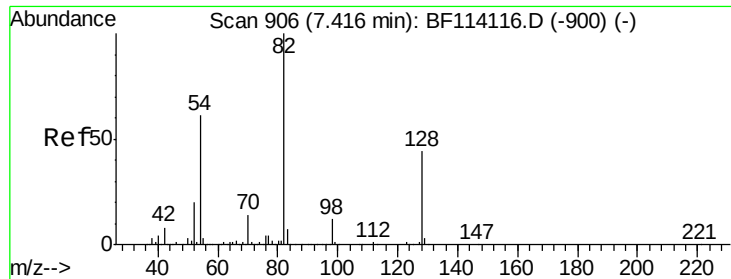
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#22
Acetophenone
Concen: 39.595 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.8	5.3	7.9#
51	41.2	36.2	54.4
120	23.4	18.6	28.0





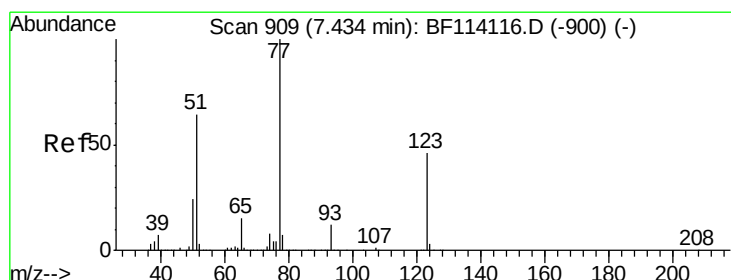
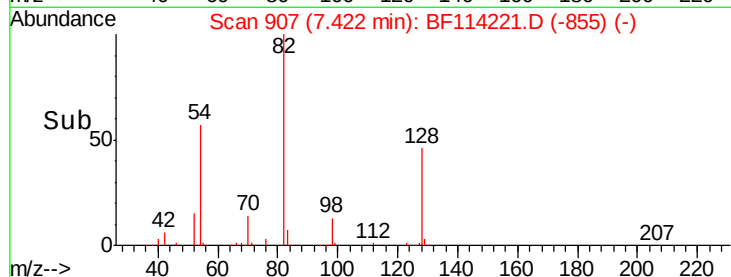
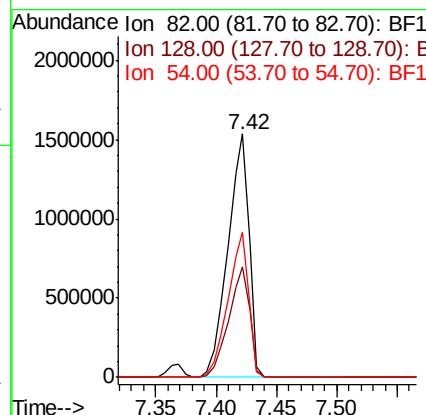
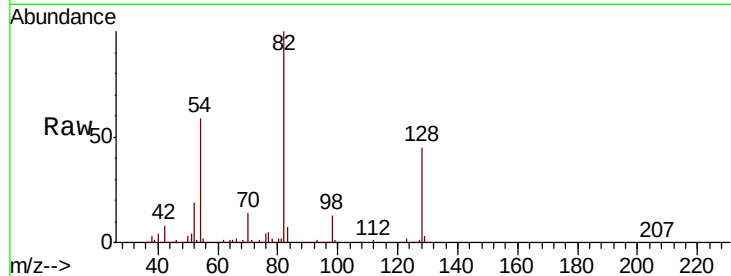
#23
 Nitrobenzene-d5
 Concen: 80.436 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BF114221.D
 Acq: 13 May 2019 11:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.5	53.3
54	59.4	48.5	72.7

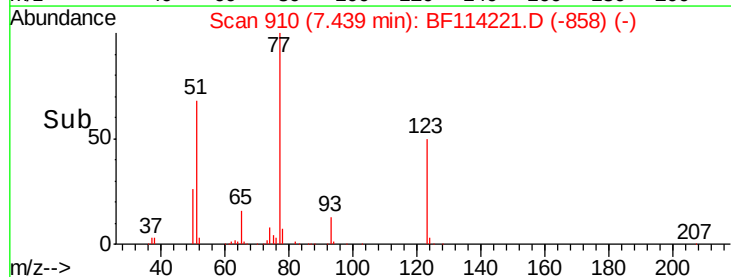
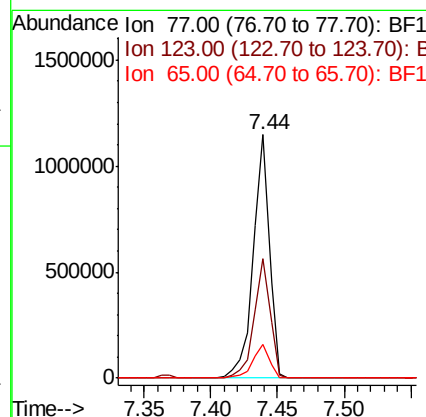
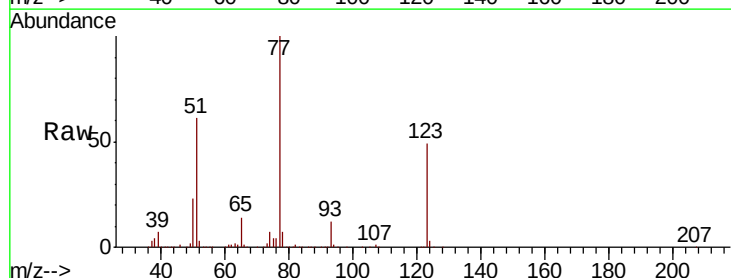
Manual Integrations
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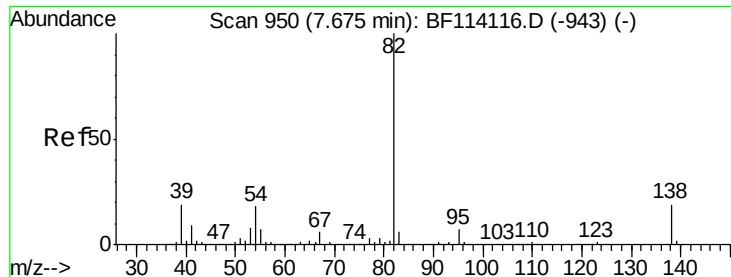
mohammad
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#24
 Nitrobenzene
 Concen: 40.531 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BF114221.D
 Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	36.9	55.3
65	14.1	11.8	17.6





#25

Isophorone

Concen: 40.586 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1727866

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

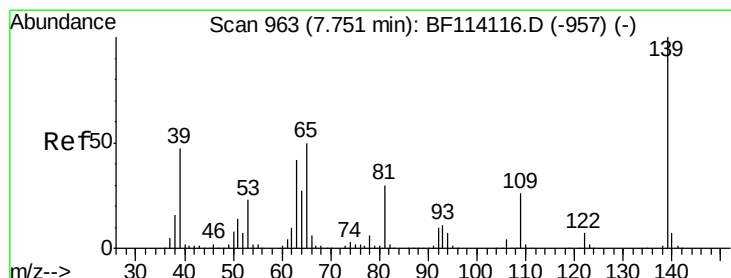
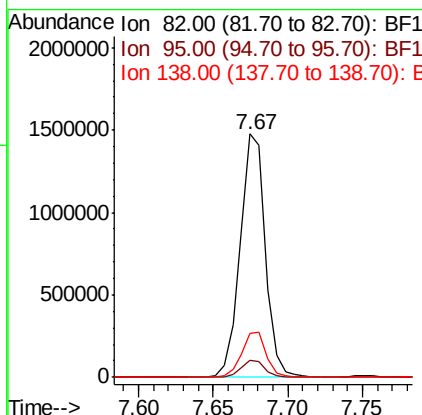
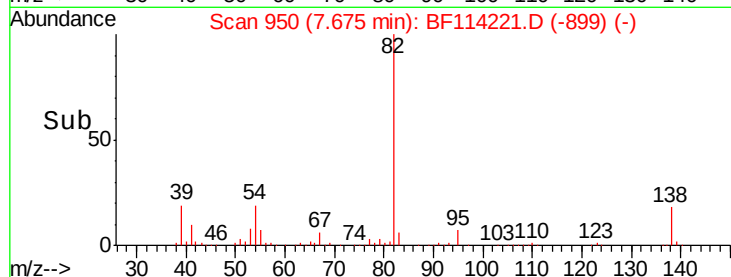
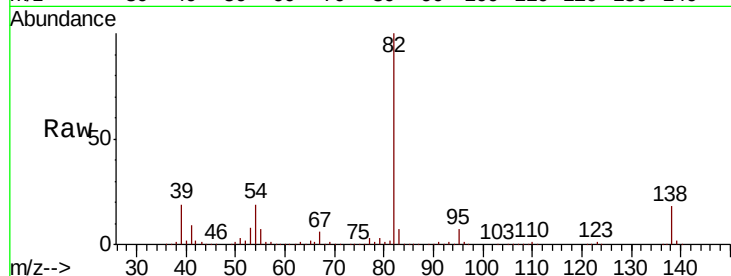
138 17.8 14.8 22.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 42.442 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

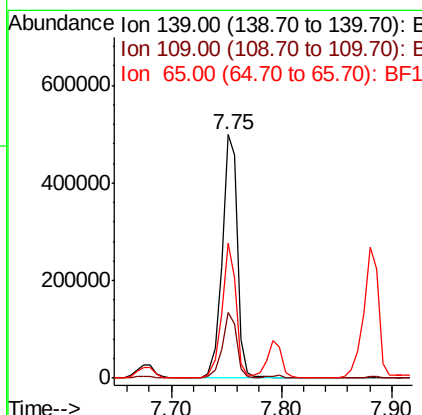
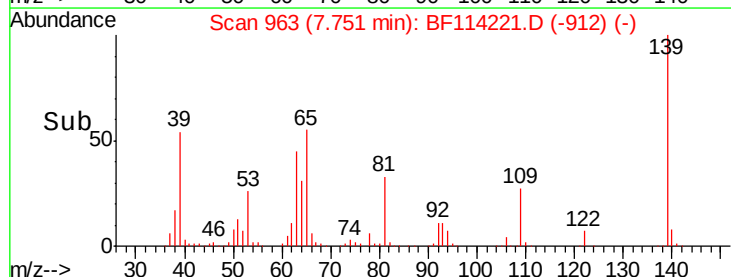
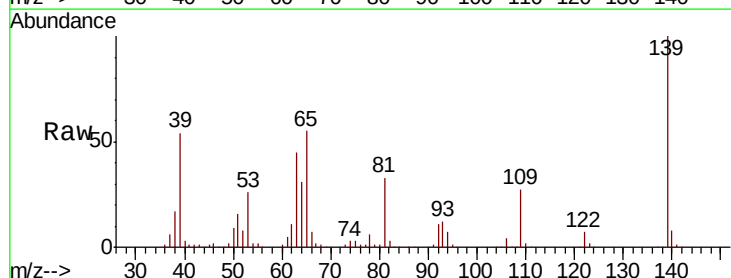
Tgt Ion: 139 Resp: 481429

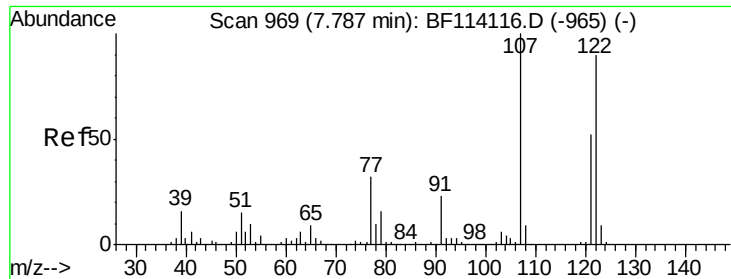
Ion Ratio Lower Upper

139 100

109 26.8 20.7 31.1

65 55.3 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 40.076 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

Instrument :

BNA_F

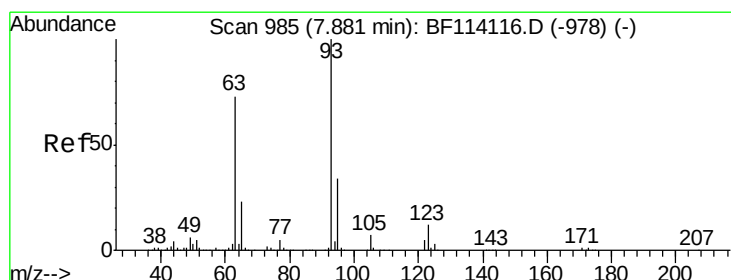
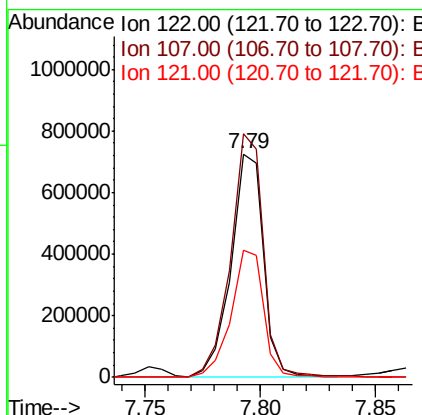
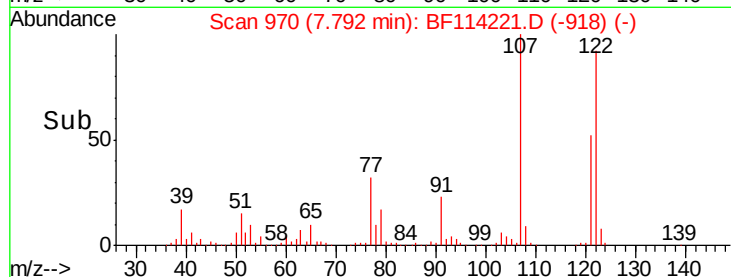
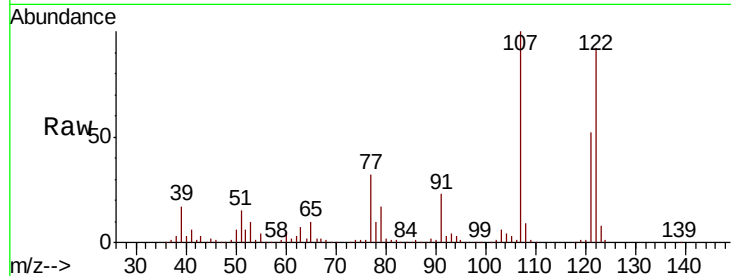
ClientSampled :

SSTDCCC040

Tot Ion:	122	Resp:	713979
Ion Ratio	Lower	Upper	
122	100		
107	109.1	88.4	132.6
121	56.8	45.9	68.9

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#28

bis(2-Chloroethoxy)methane

Concen: 41.659 ng

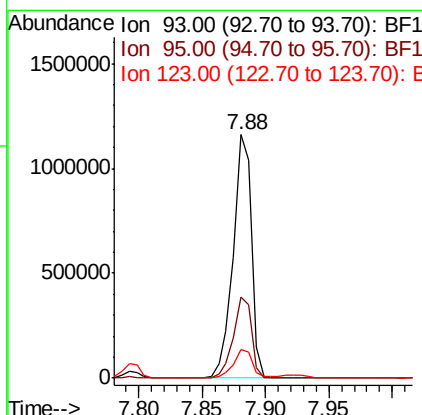
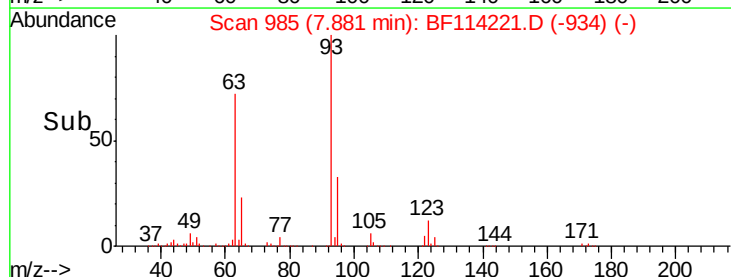
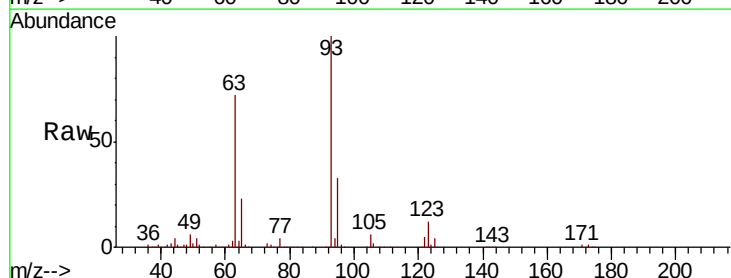
RT: 7.88 min Scan# 985

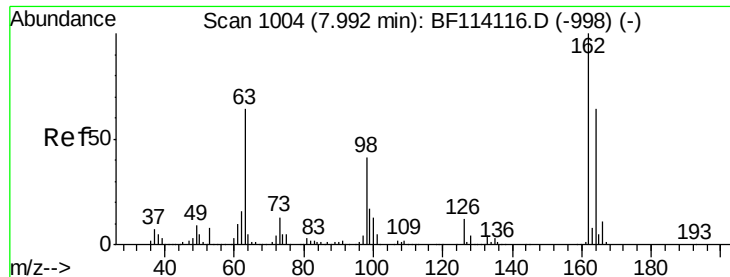
Delta R.T. 0.00 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

Tgt Ion:	93	Resp:	1150741
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.8	40.2
123	11.6	9.5	14.3





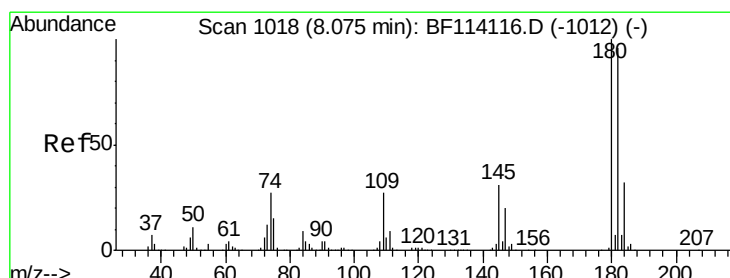
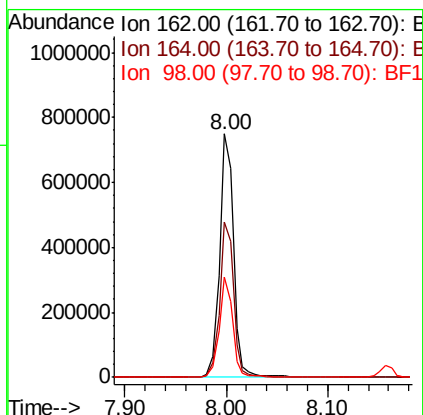
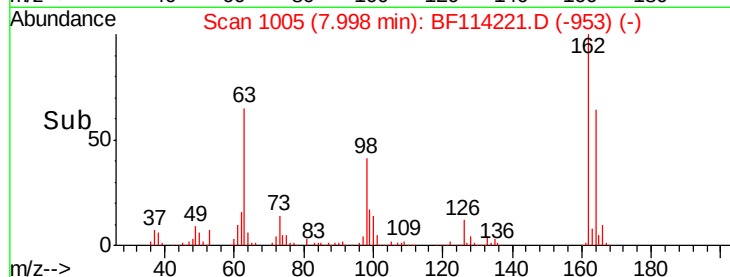
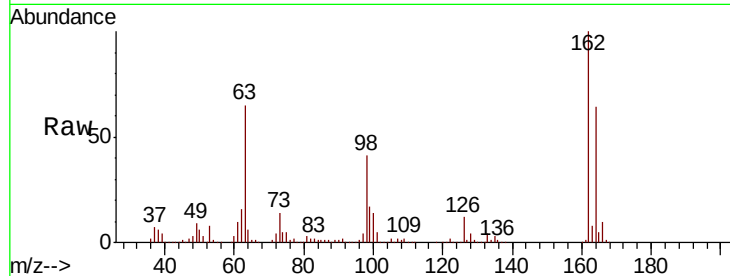
#29
 2,4-Dichlorophenol
 Concen: 40.325 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF114221.D
 Acq: 13 May 2019 11:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	715359		
164	63.7	43.6	83.6	
98	40.9	20.6	60.6	

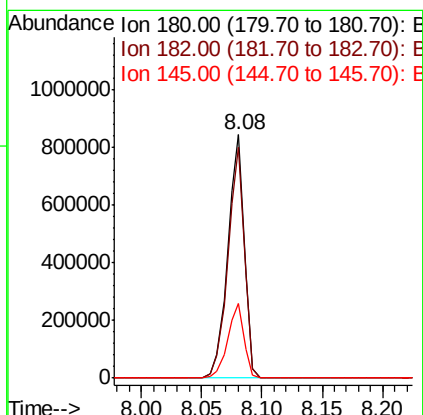
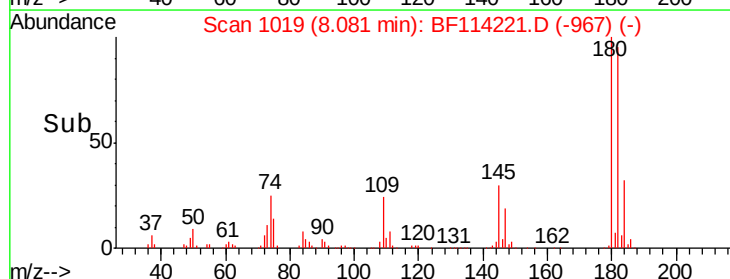
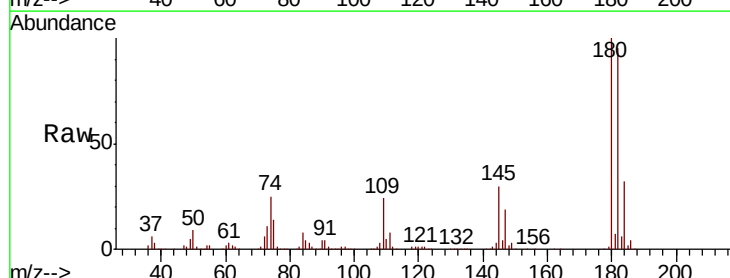
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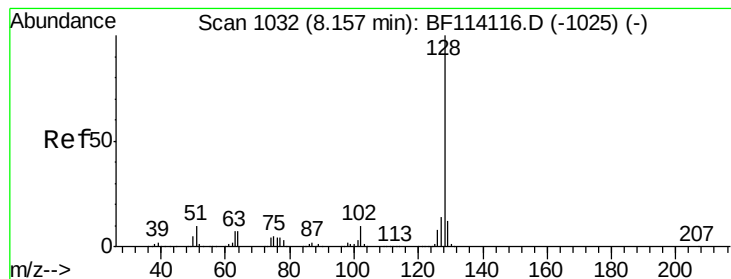
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.598 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: BF114221.D
 Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	798785		
182	94.7	76.6	114.8	
145	30.5	25.1	37.7	





#31

Naphthalene

Concen: 39.915 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

Instrument :

BNA_F

ClientSampleId :

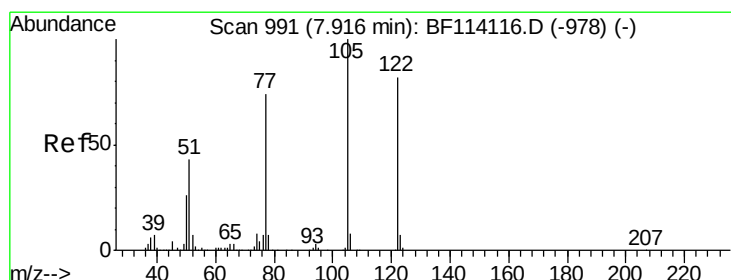
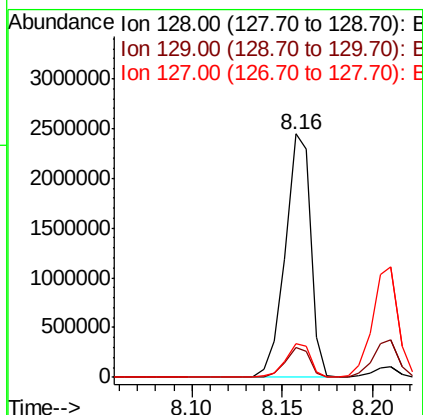
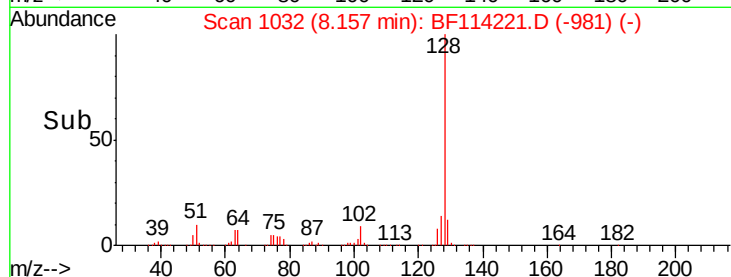
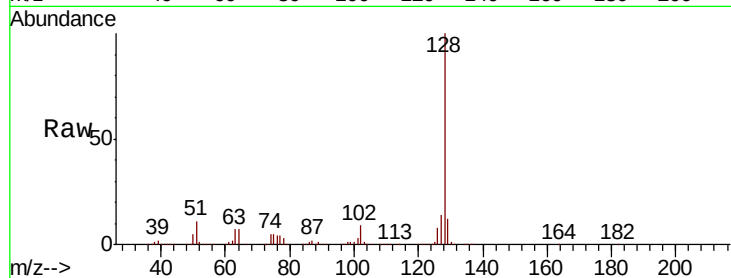
SSTDCCC040

Tot Ion:128 Resp: 2401910

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.6	14.4
127	13.9	11.3	16.9

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#32

Benzoic acid

Concen: 39.593 ng m

RT: 7.93 min Scan# 993

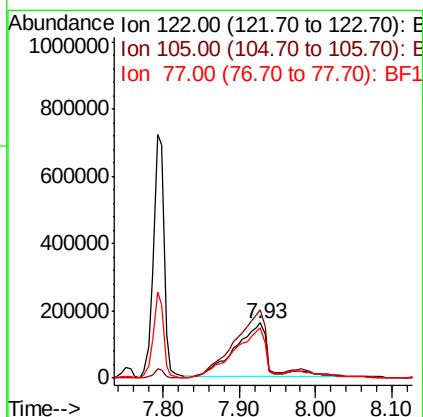
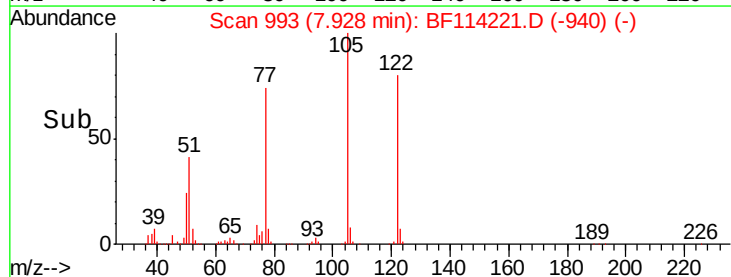
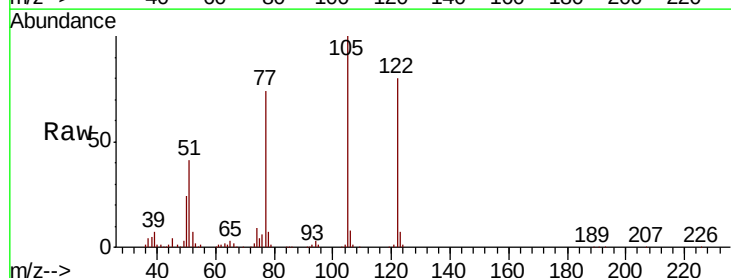
Delta R.T. 0.01 min

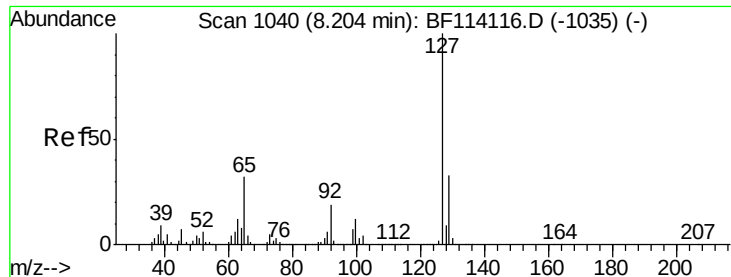
Lab File: BF114221.D

Acq: 13 May 2019 11:40

Tgt Ion:122 Resp: 484659

Ion	Ratio	Lower	Upper
122	100		
105	124.8	99.9	139.9
77	92.2	69.4	109.4





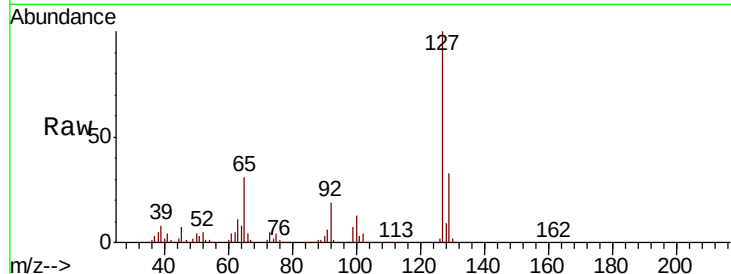
#33
4-Chloroaniline
Concen: 41.453 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.7	40.1
65	31.2	25.4	38.0
92	18.7	15.4	23.2

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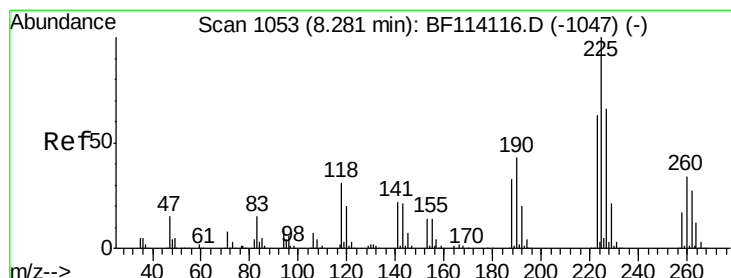
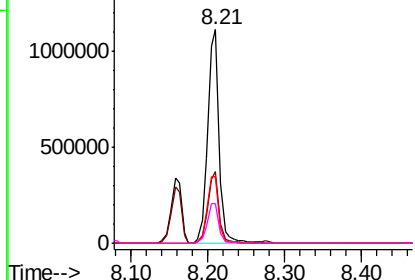
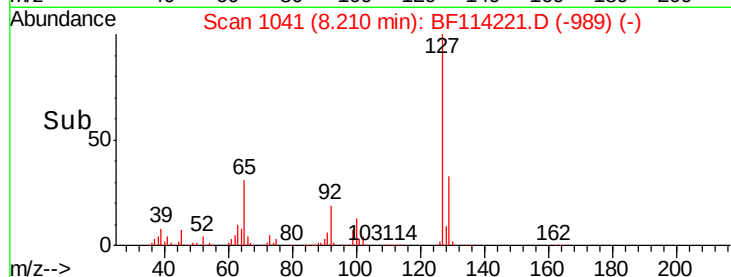
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

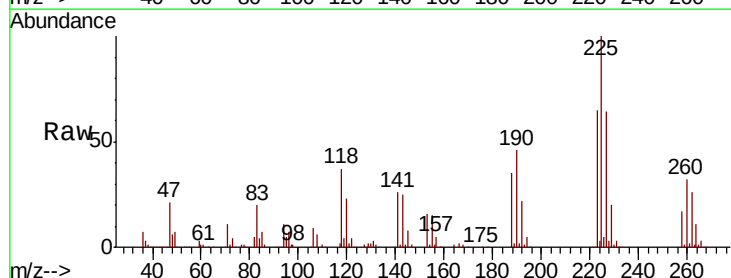
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.762 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.2	75.2
227	64.3	52.6	79.0

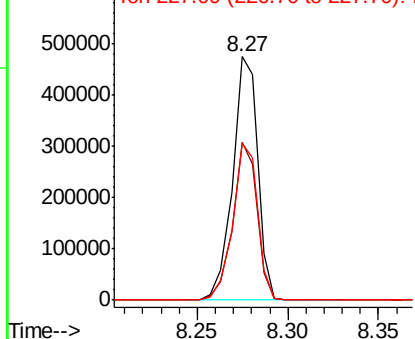
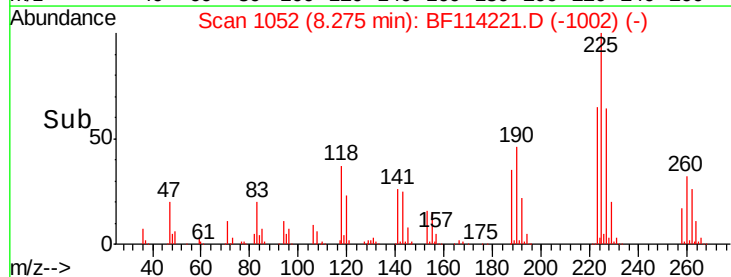


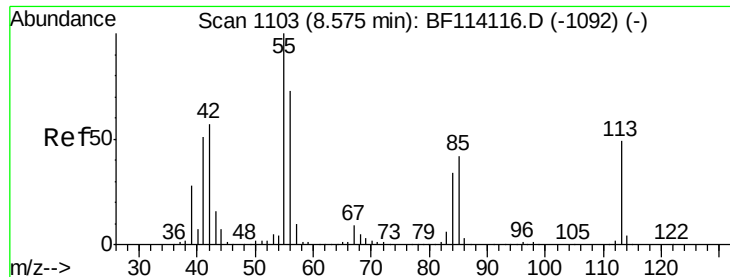
Abundance

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





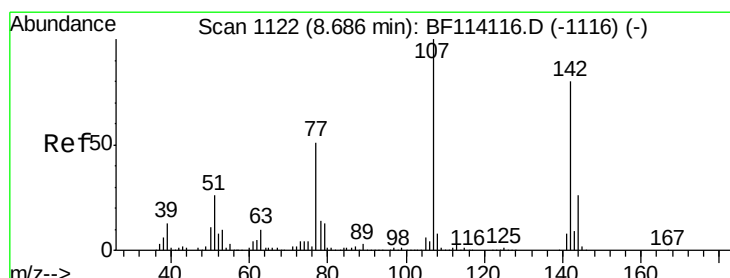
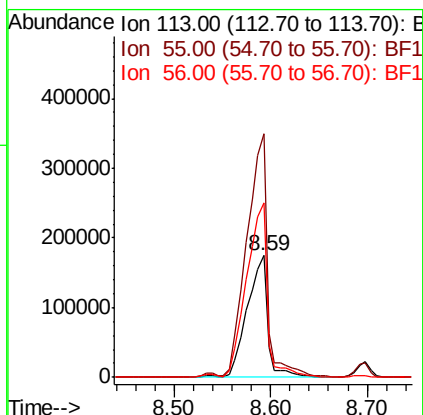
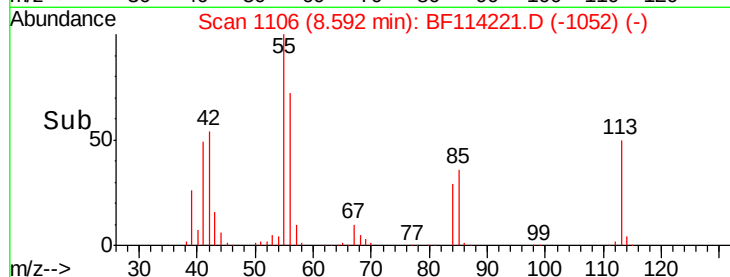
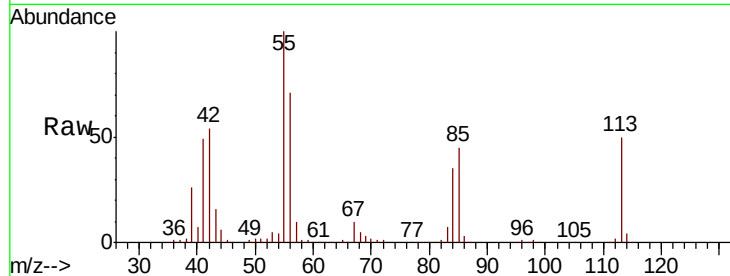
#35
Caprolactam
Concen: 45.064 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. 0.02 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	199.6	183.5	223.5	
56	142.6	128.8	168.8	

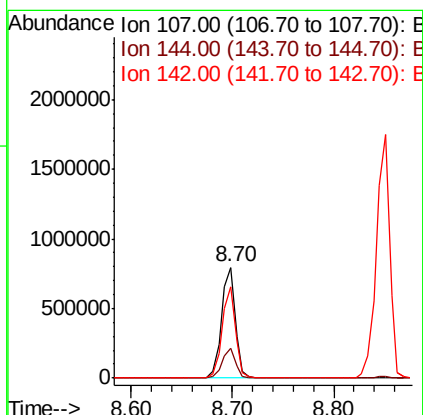
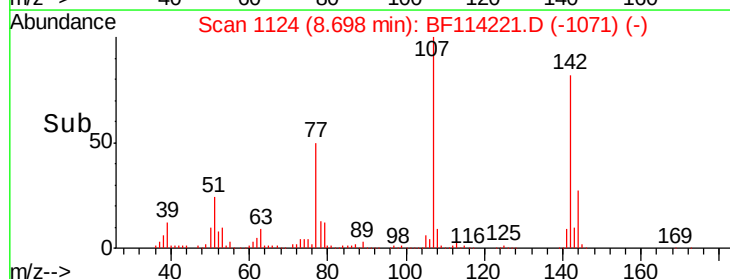
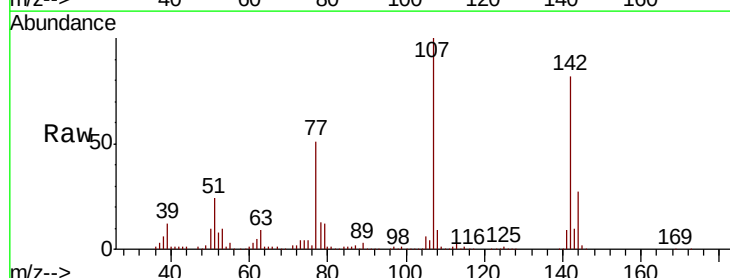
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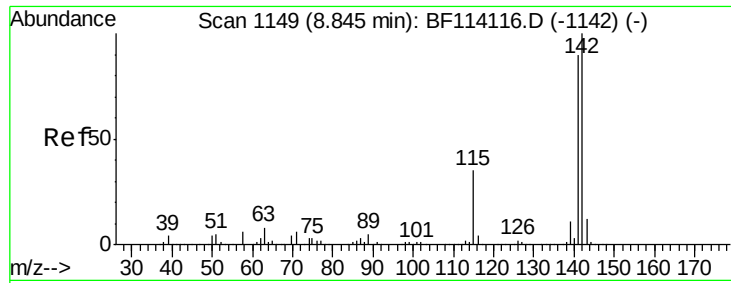
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#36
4-Chloro-3-methylphenol
Concen: 42.165 ng/ml
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.7	20.4	30.6	
142	82.4	64.2	96.4	





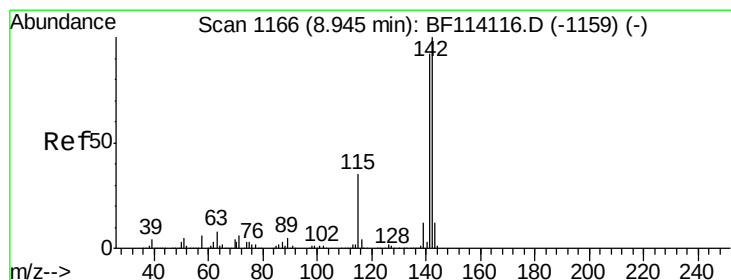
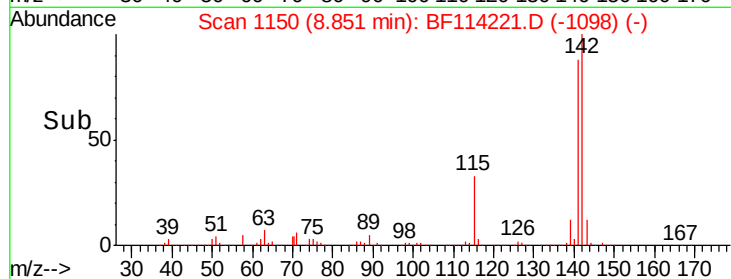
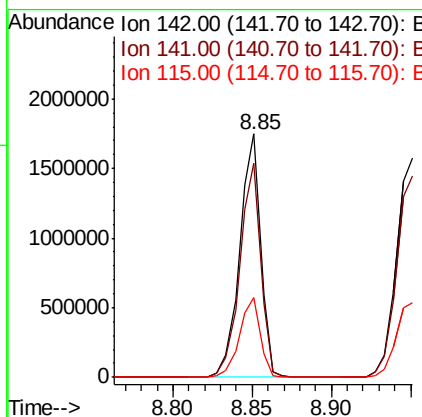
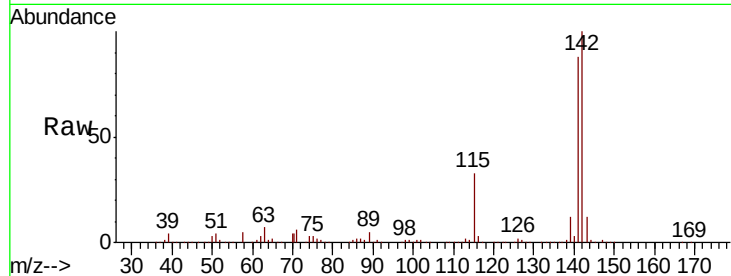
#37
2-Methylnaphthalene
Concen: 41.225 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.1	108.1
115	32.9	28.0	42.0

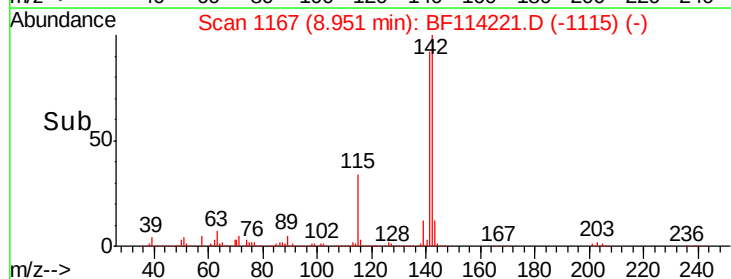
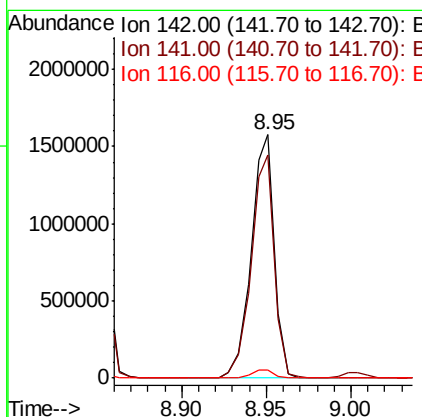
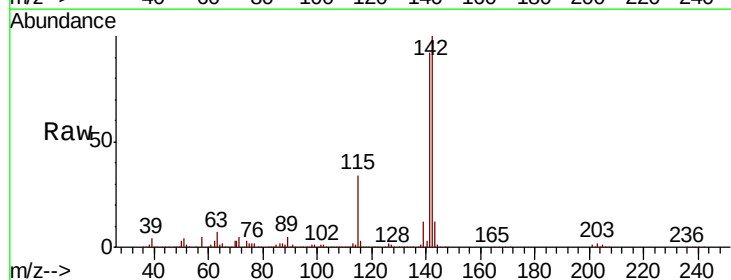
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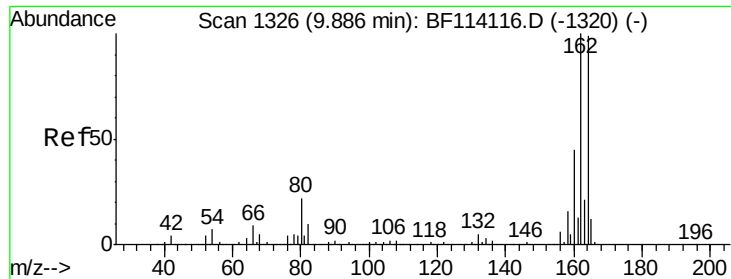
mohammad
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#38
1-Methylnaphthalene
Concen: 40.940 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.4	110.0
116	3.4	3.1	4.7





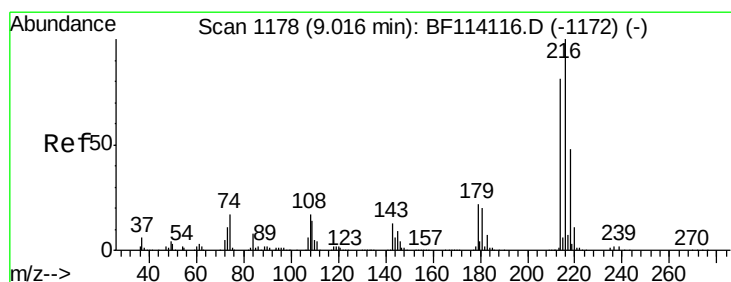
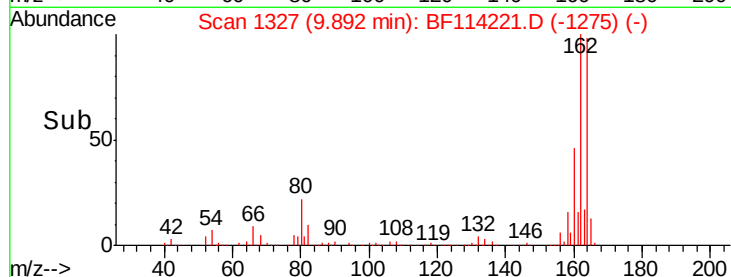
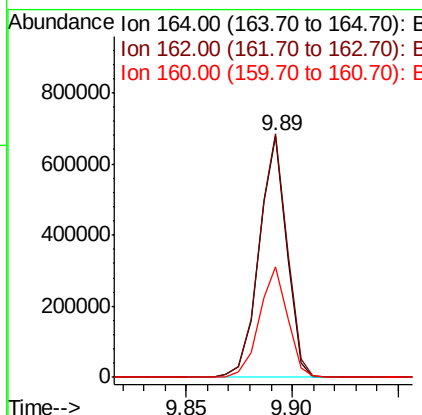
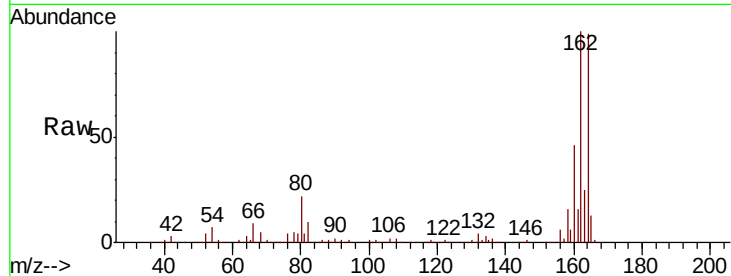
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF114221.D
 Acq: 13 May 2019 11:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	164	Resp:	615849
Ion Ratio	Lower	Upper	
164	100		
162	100.8	80.6	120.8
160	45.9	36.5	54.7

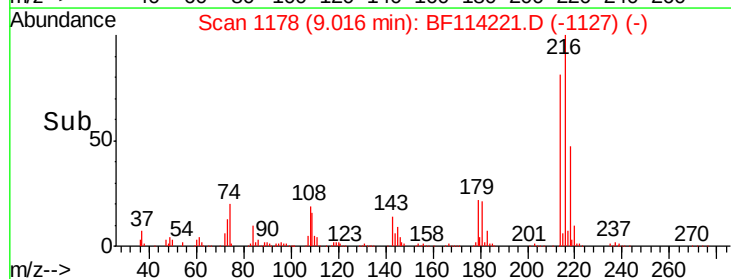
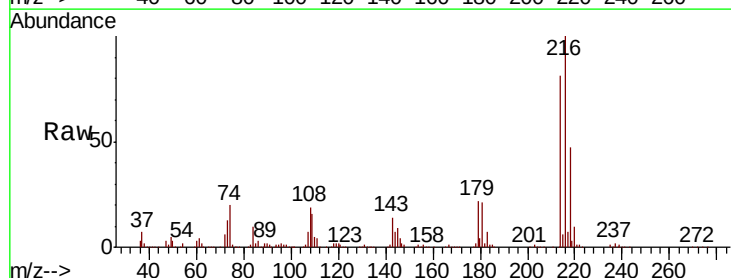
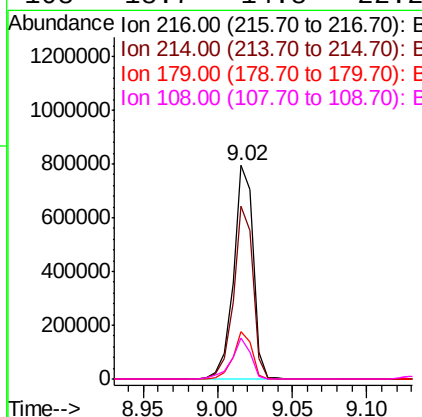
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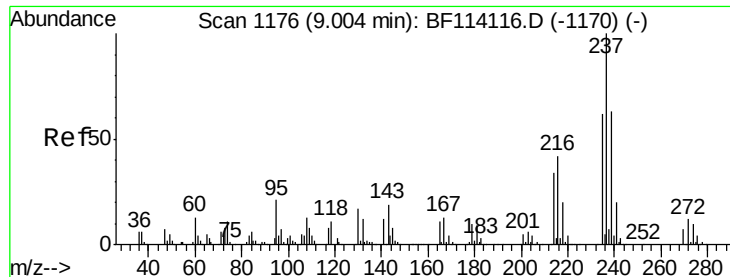
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.786 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF114221.D
 Acq: 13 May 2019 11:40

Tgt Ion:	216	Resp:	742230
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.9	95.9
179	20.9	17.0	25.6
108	18.7	14.8	22.2





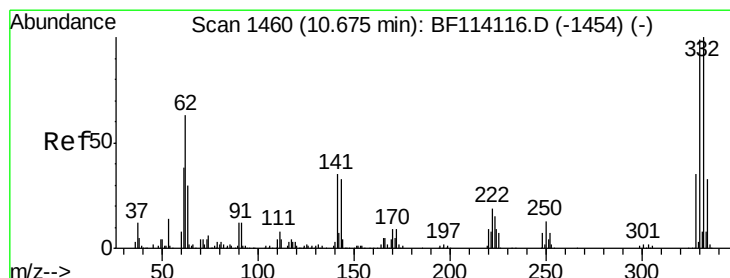
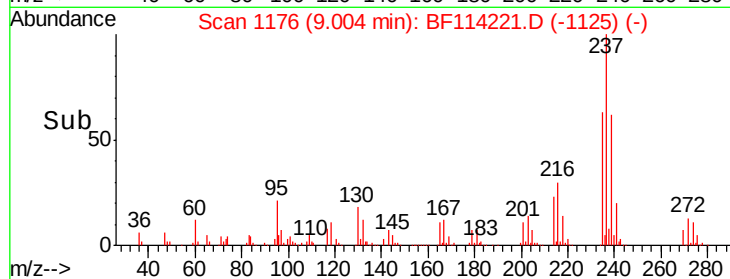
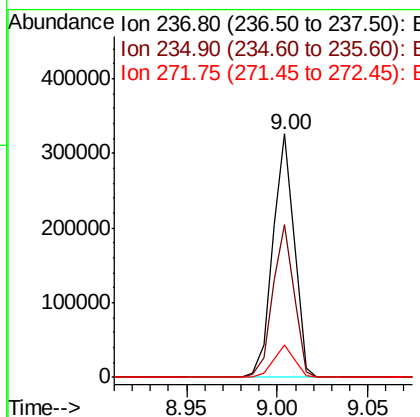
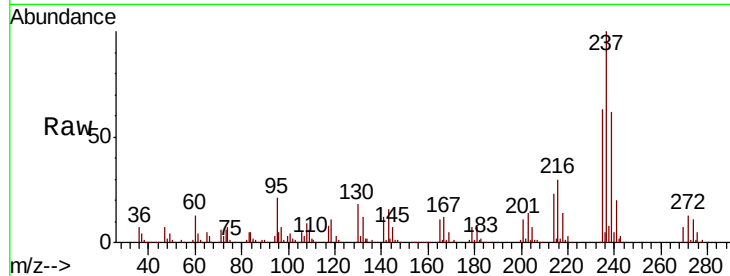
#41
Hexachlorocyclopentadiene
Concen: 33.260 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
237	100	265859		
235	62.7	42.0	82.0	
272	13.4	0.0	32.4	

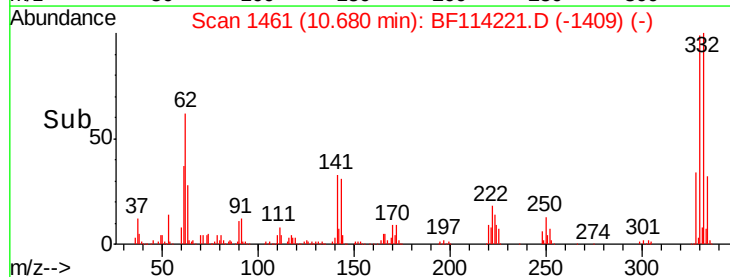
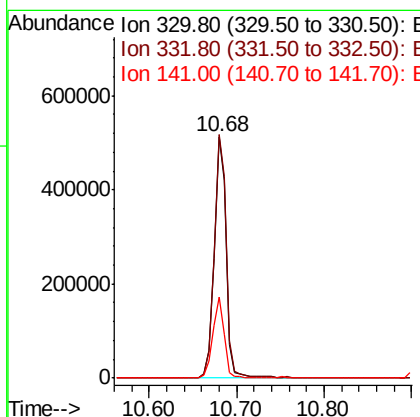
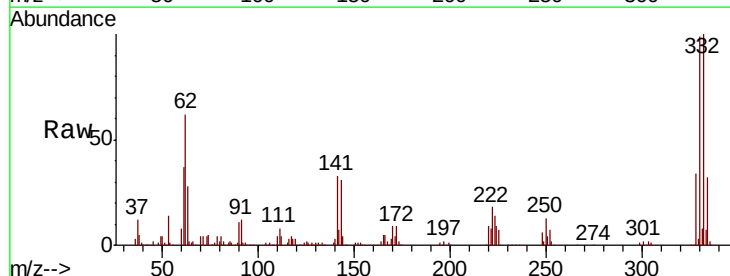
Manual Integrations
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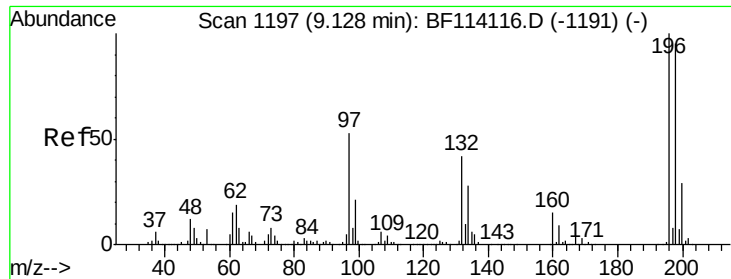
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#42
2,4,6-Tribromophenol
Concen: 77.088 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	490806		
332	101.7	81.4	122.2	
141	32.1	26.6	40.0	





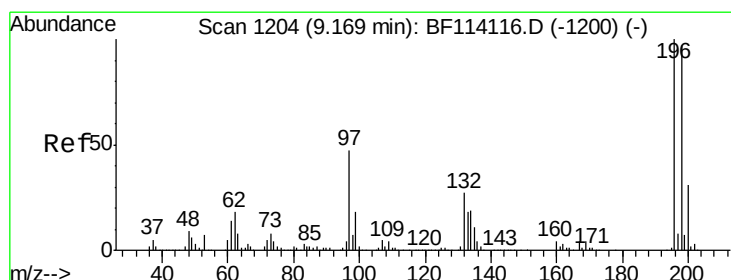
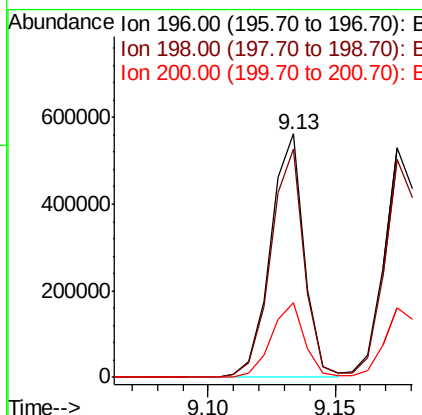
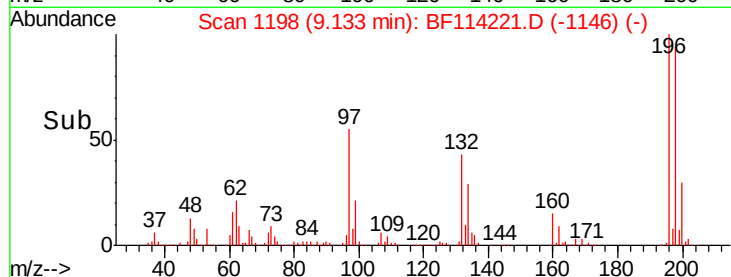
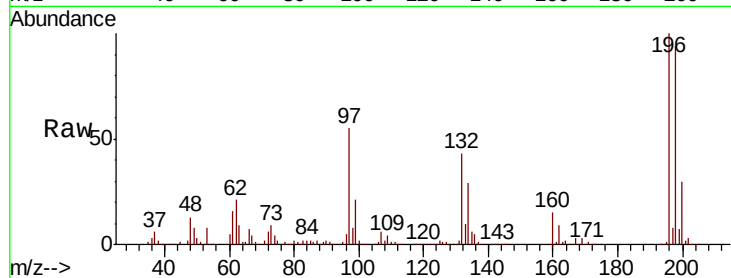
#43
 2,4,6-Trichlorophenol
 Concen: 40.596 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF114221.D
 Acq: 13 May 2019 11:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	520919		
198	93.7	75.9	113.9	
200	30.5	23.5	35.3	

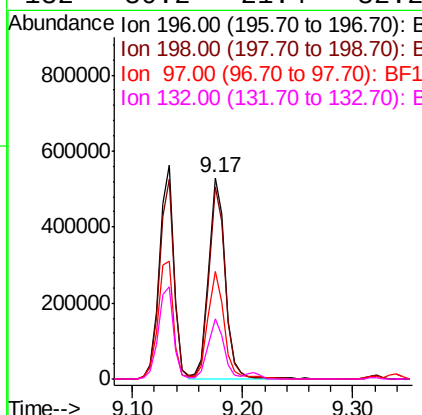
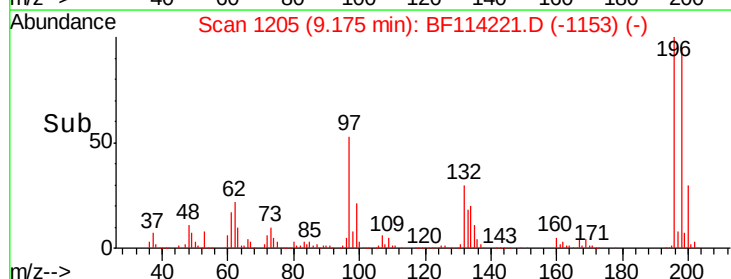
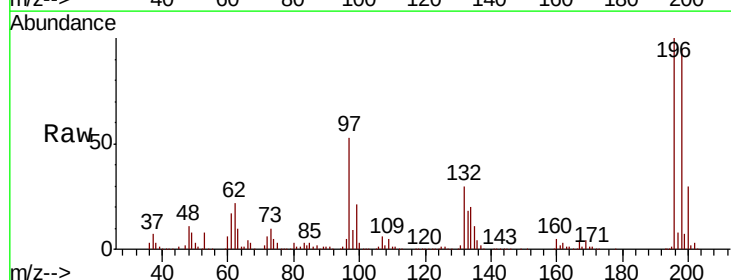
Manual Integrations
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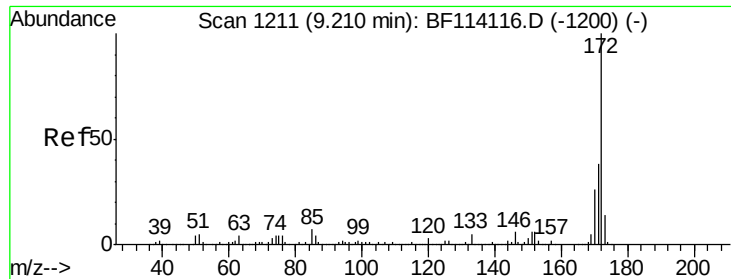
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#44
 2,4,5-Trichlorophenol
 Concen: 40.795 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF114221.D
 Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	536847		
198	95.1	77.7	116.5	
97	53.4	38.2	57.2	
132	30.2	21.4	32.2	





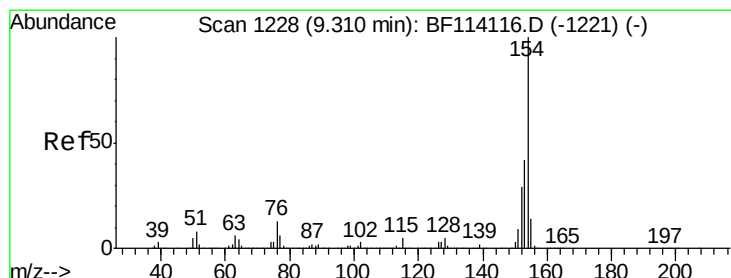
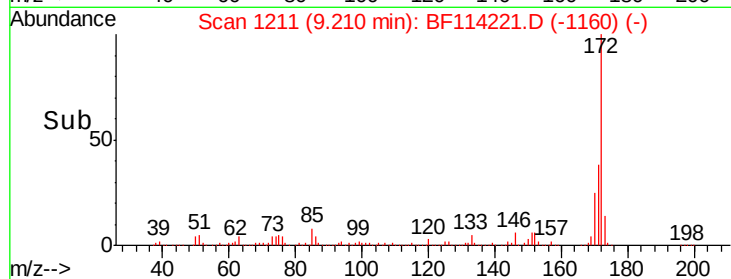
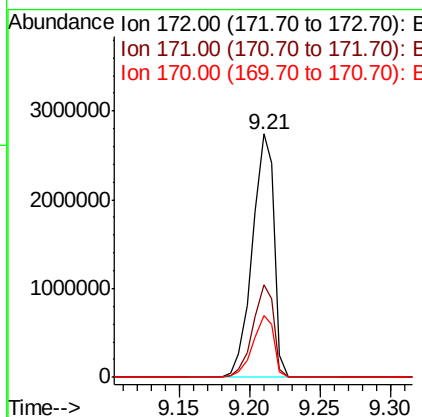
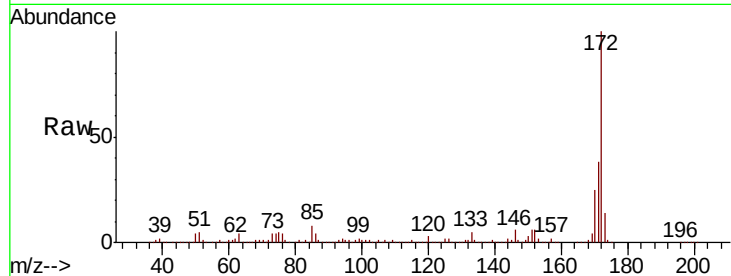
#45
2-Fluorobiphenyl
Concen: 72.872 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.7	46.1
170	25.5	20.5	30.7

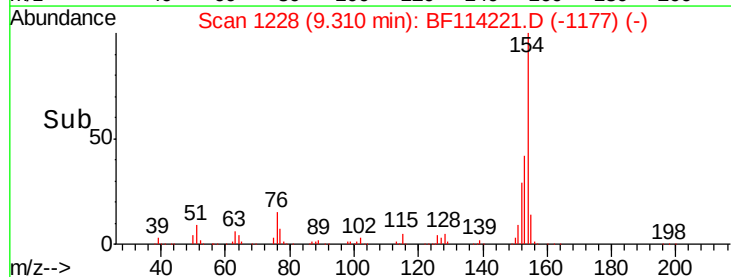
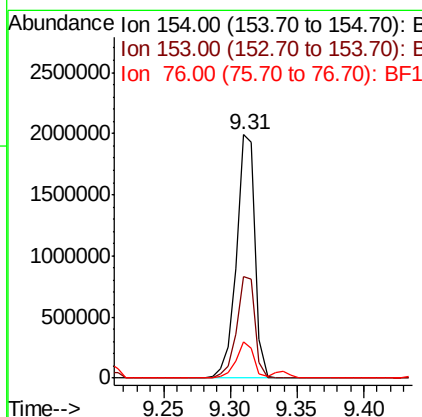
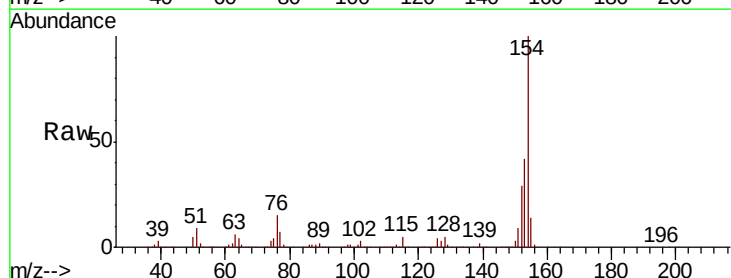
Manual Integrations
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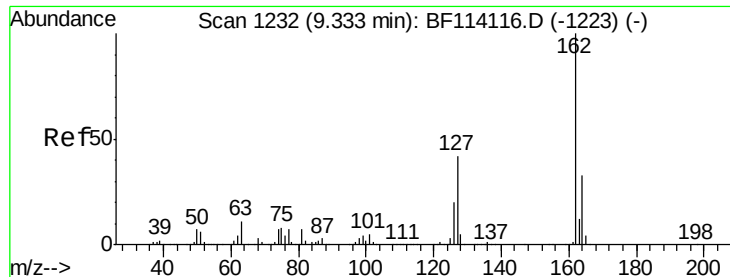
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#46
1,1'-Biphenyl
Concen: 39.040 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.9	61.9
76	14.7	0.0	32.8





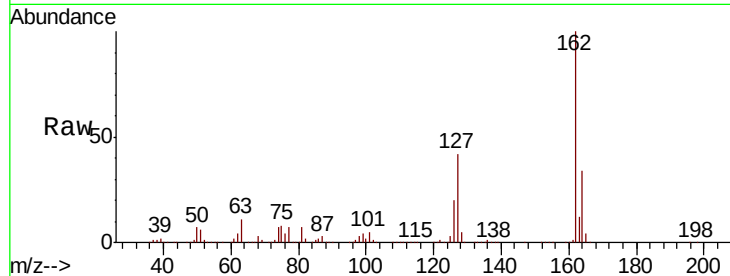
#47
2-Chloronaphthalene
Concen: 38.863 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	34.0	51.0
164	34.2	26.7	40.1

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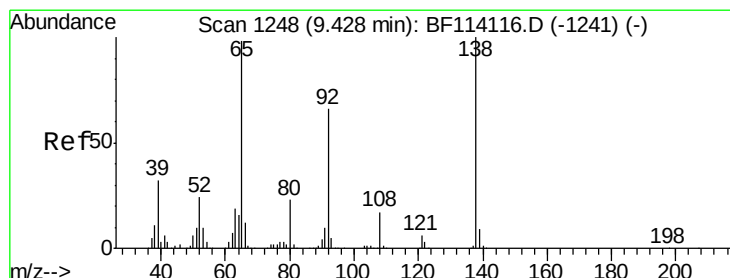
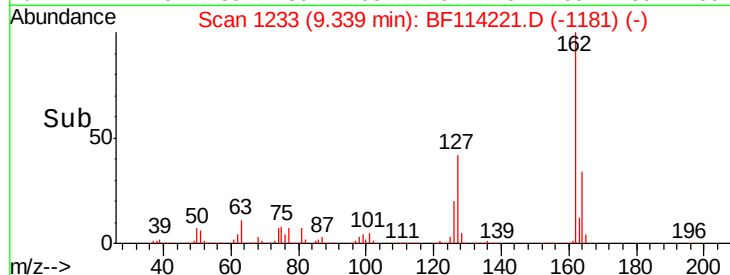
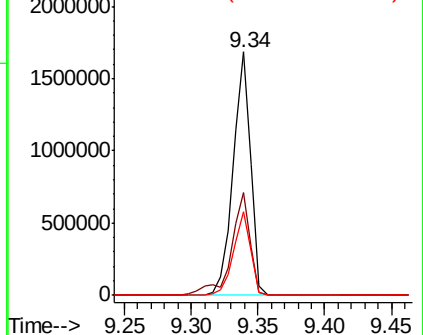


Abundance

Ion 162.00 (161.70 to 162.70): E

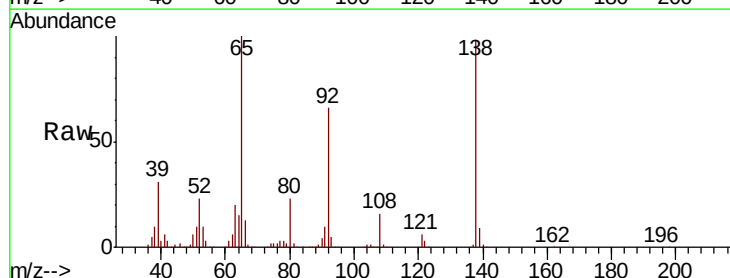
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.461 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	53.9	80.9
138	98.4	81.4	122.0

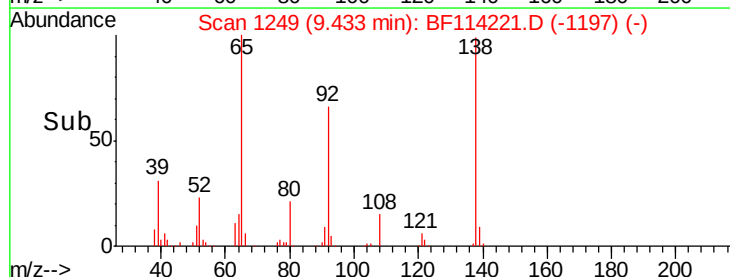
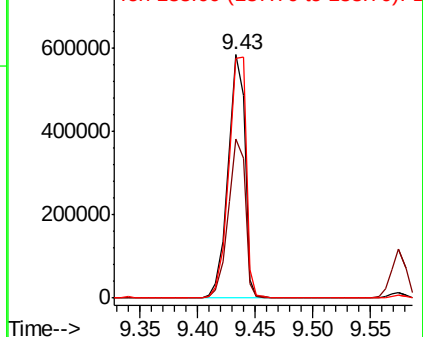


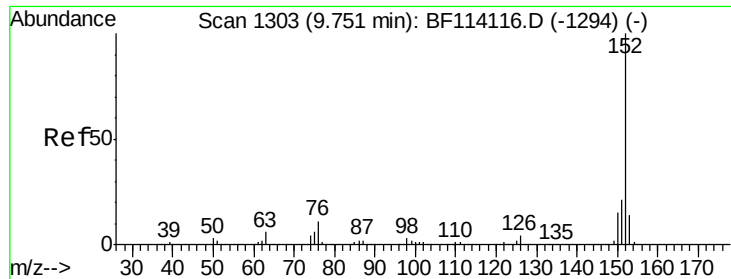
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.309 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2393846

Ion Ratio Lower Upper

152 100

151 21.5 16.8 25.2

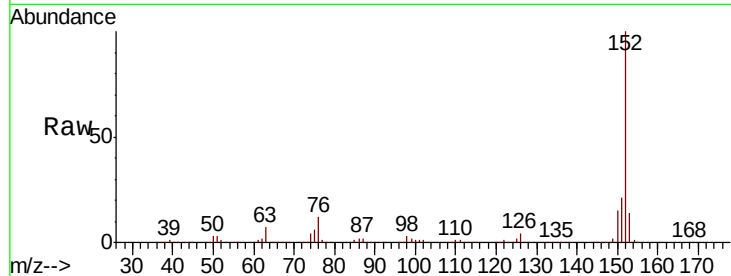
153 14.5 11.4 17.2

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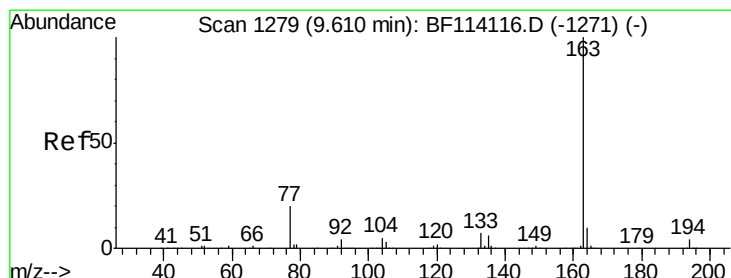
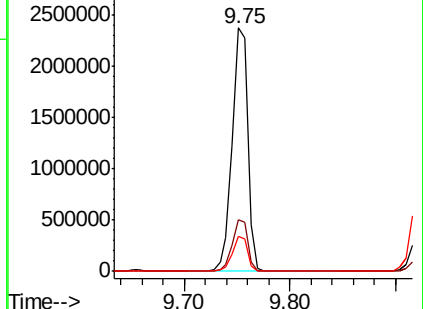
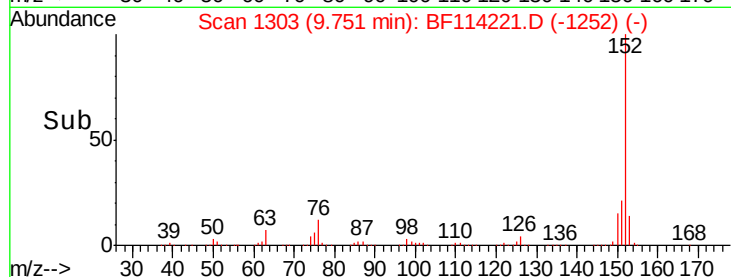
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.498 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

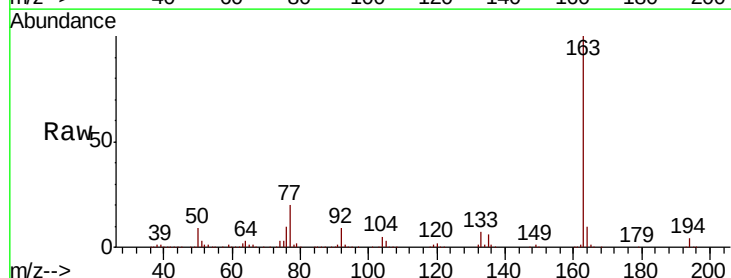
Tgt Ion:163 Resp: 1876065

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

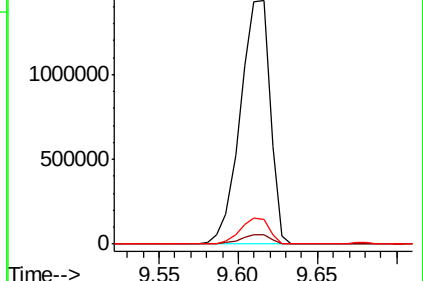
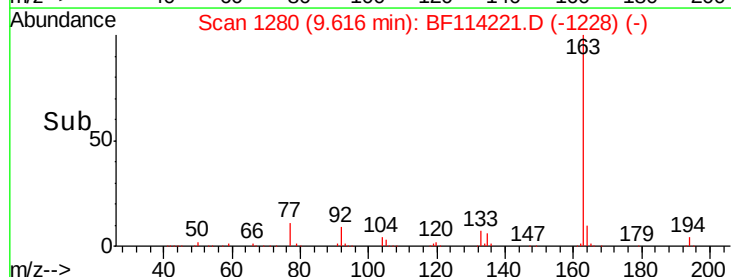
164 10.2 8.2 12.2

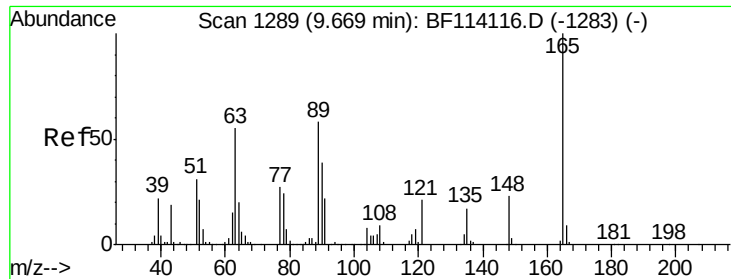


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.701 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

Instrument :

BNA_F

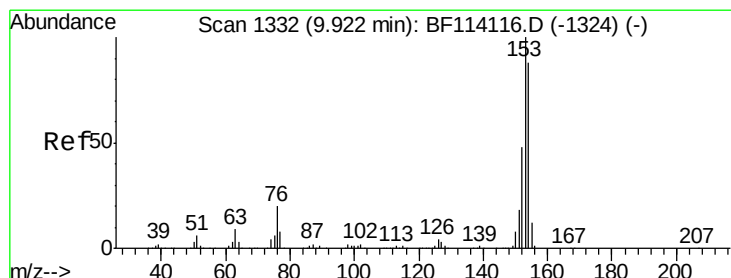
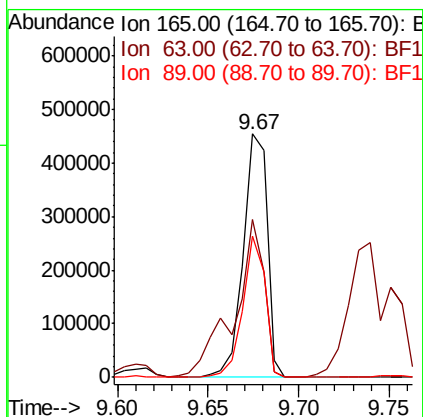
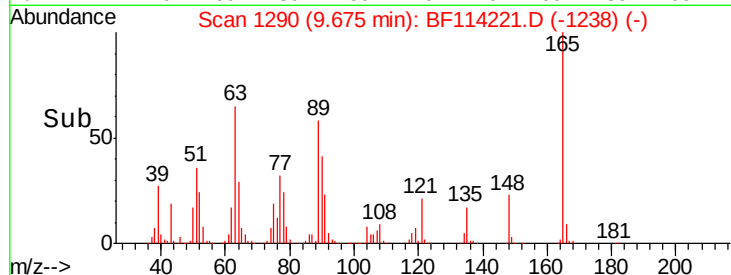
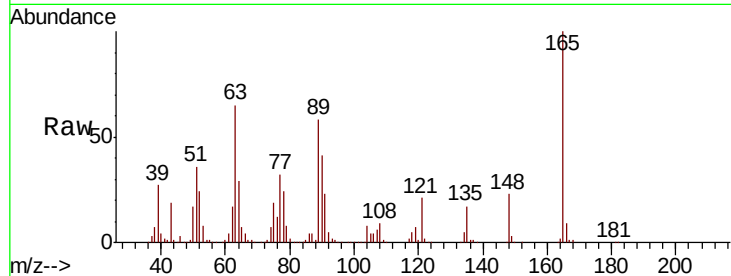
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	418151
Ion Ratio	Lower	Upper	
165	100		
63	64.7	50.2	75.4
89	58.1	46.6	69.8

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#52

Acenaphthene

Concen: 37.963 ng

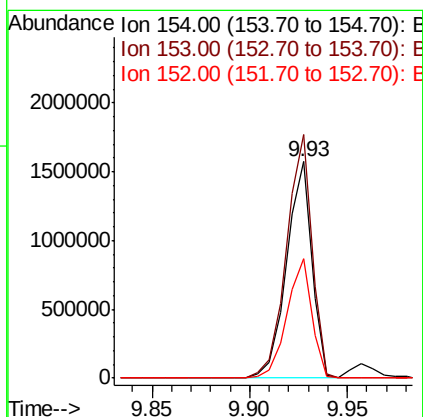
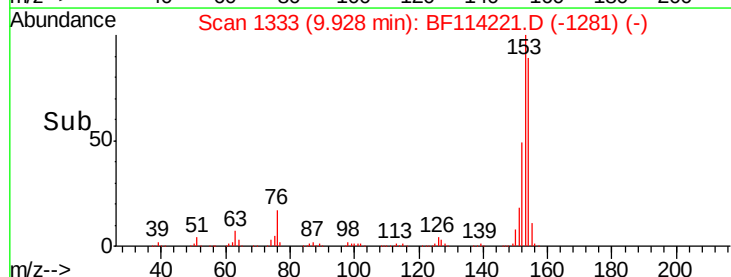
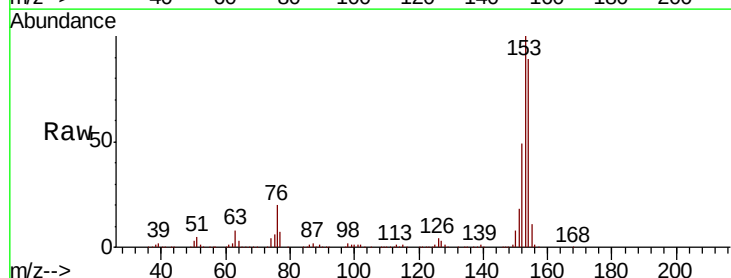
RT: 9.93 min Scan# 1333

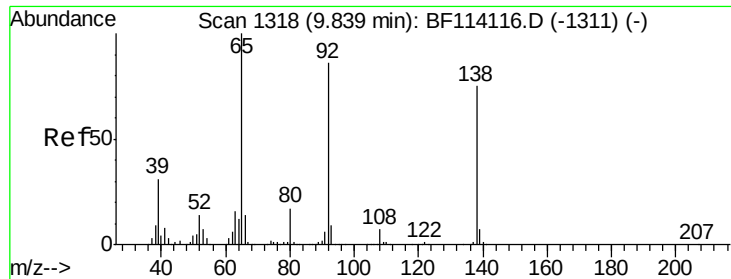
Delta R.T. 0.01 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

Tgt Ion:	154	Resp:	1418671
Ion Ratio	Lower	Upper	
154	100		
153	112.6	90.5	135.7
152	55.1	43.4	65.2





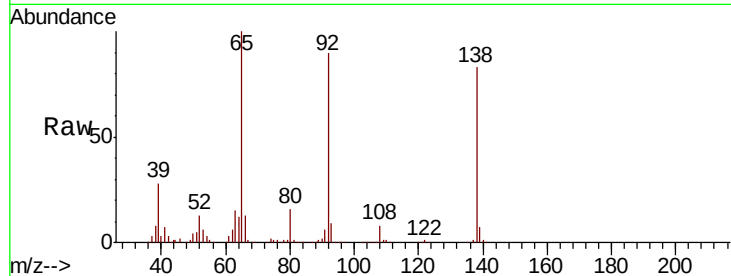
#53
3-Nitroaniline
Concen: 41.436 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

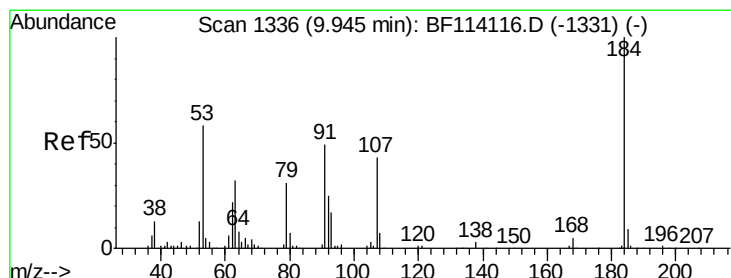
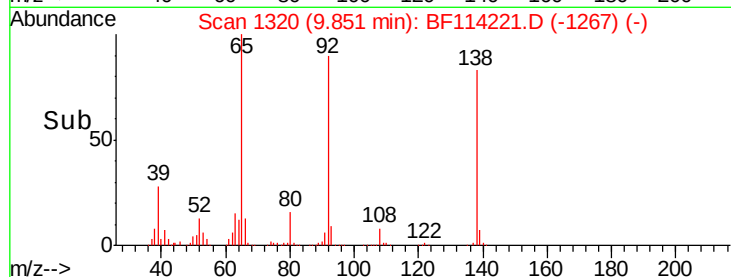
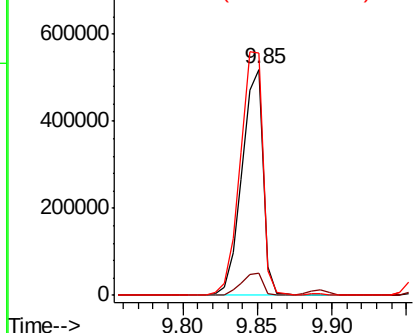
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.8	11.6
92	107.6	91.2	136.8

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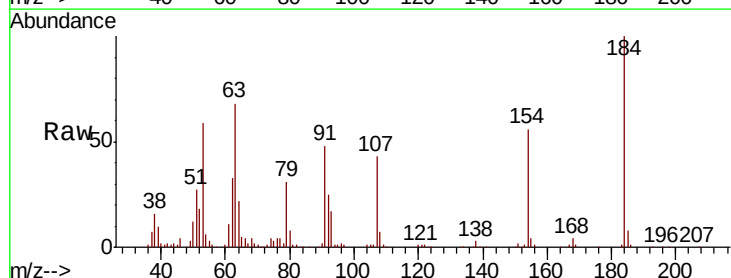


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

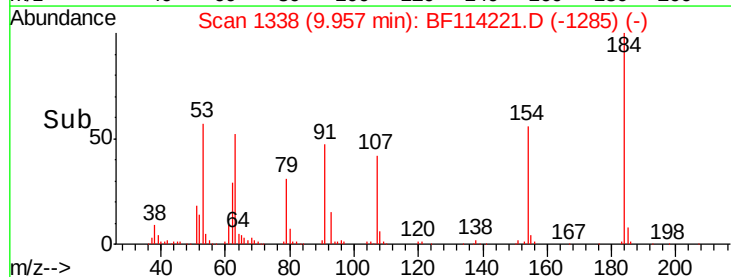
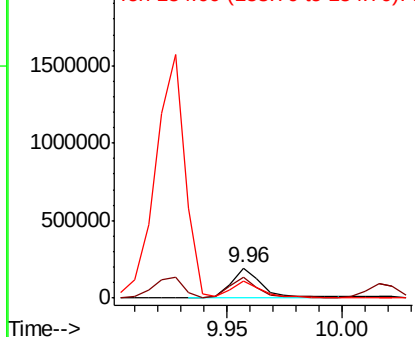


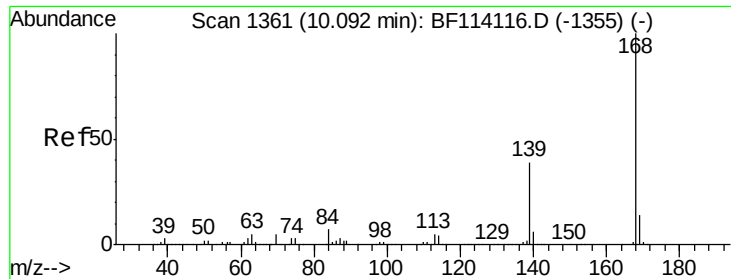
#54
2,4-Dinitrophenol
Concen: 39.452 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.3	55.6	83.4
154	56.4	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





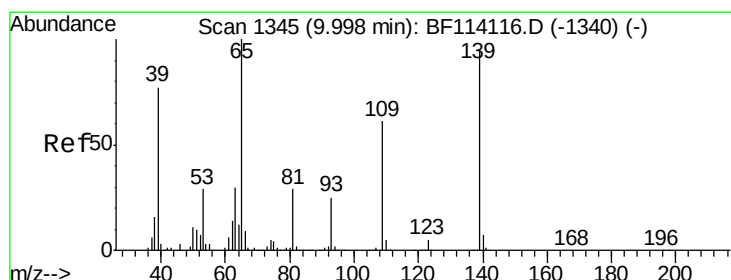
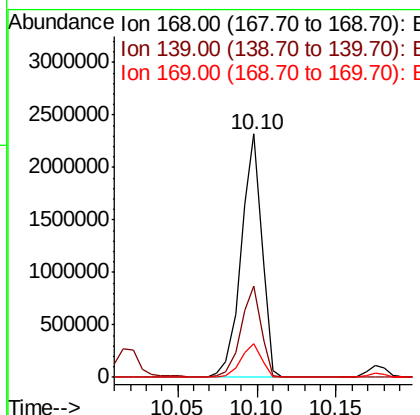
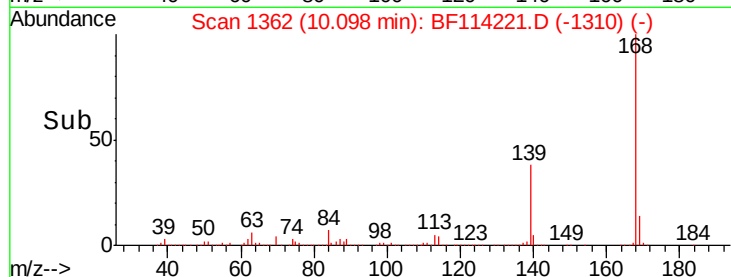
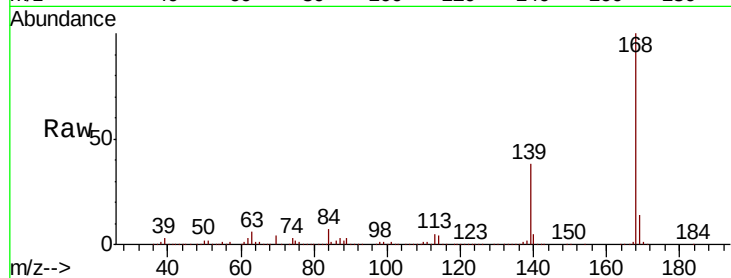
#55
Dibenzofuran
Concen: 37.975 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 2080952
Ion Ratio Lower Upper
168 100
139 37.5 31.1 46.7
169 14.1 11.4 17.0

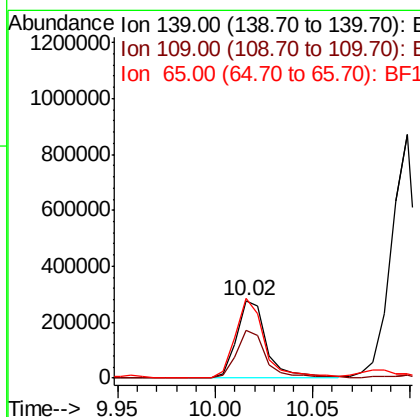
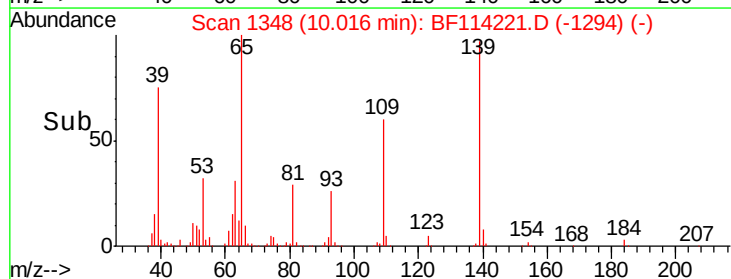
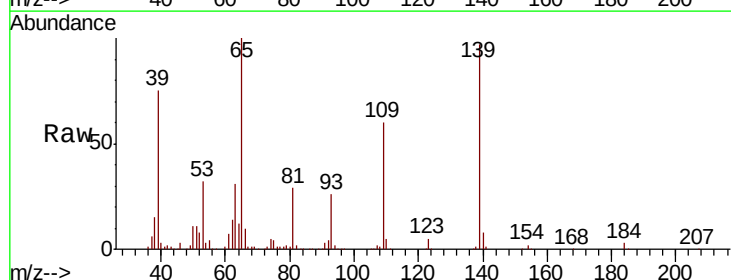
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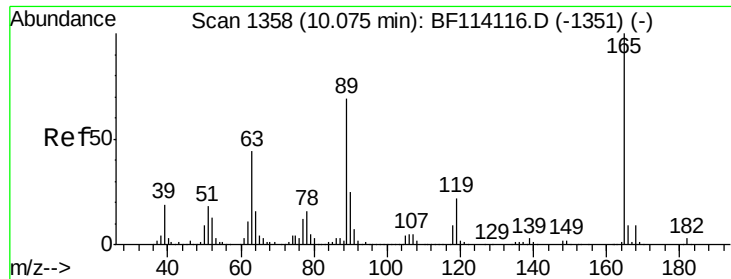
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#56
4-Nitrophenol
Concen: 34.140 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion:139 Resp: 300522
Ion Ratio Lower Upper
139 100
109 61.8 43.9 83.9
65 103.1 85.7 125.7





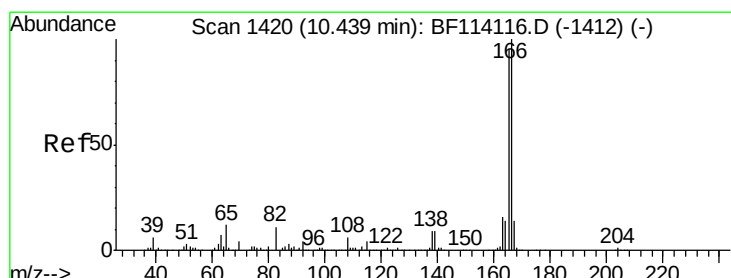
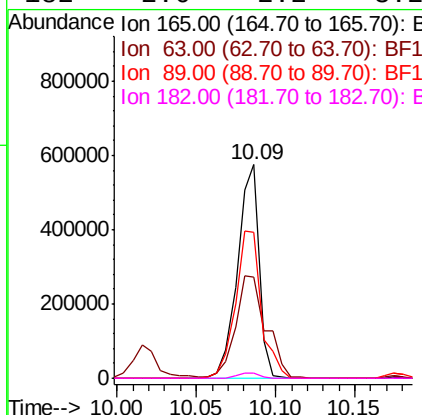
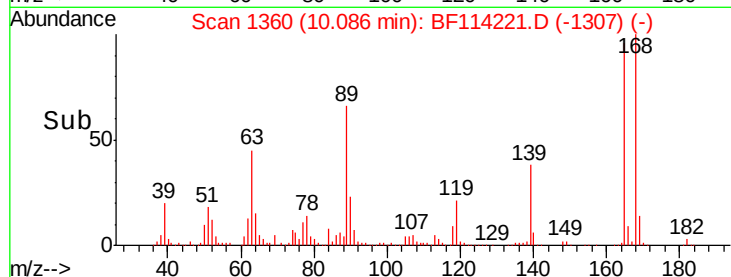
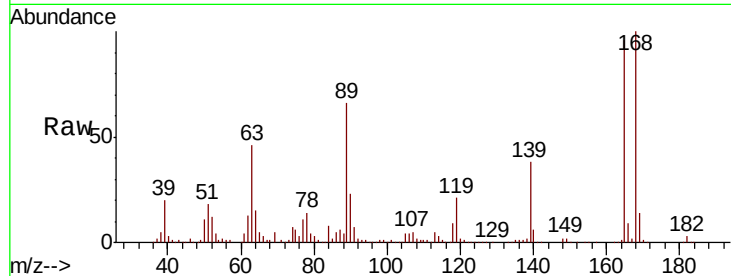
#57
2,4-Dinitrotoluene
Concen: 39.611 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		539111		
63	47.6	35.5	53.3		
89	68.4	55.2	82.8		
182	2.6	2.2	3.2		

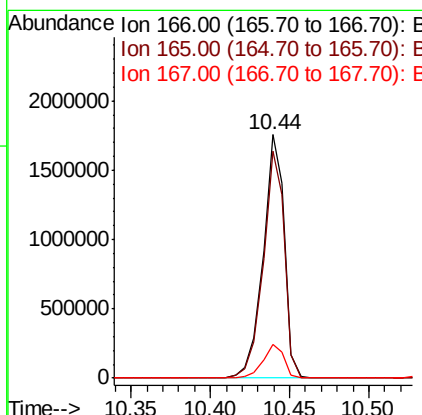
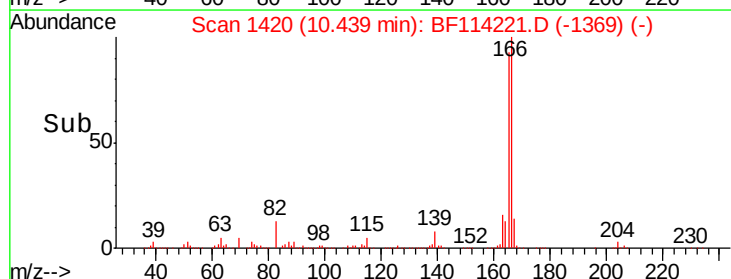
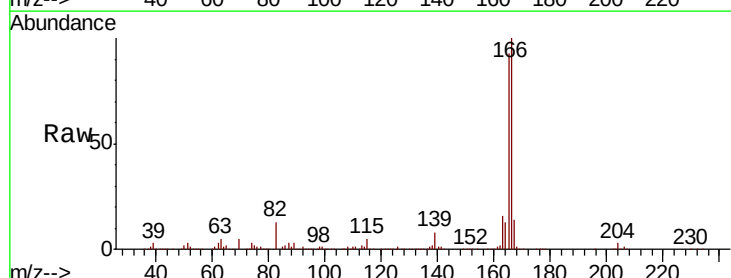
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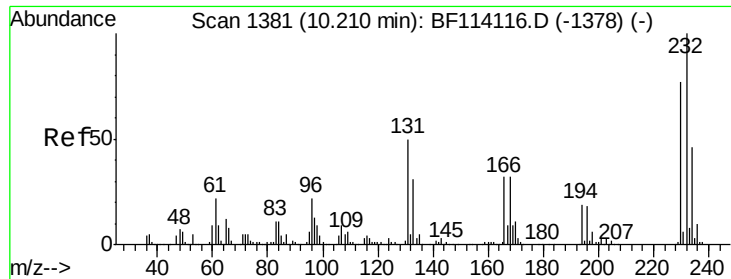
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#58
Fluorene
Concen: 38.741 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1639749		
165	93.0	76.1	114.1		
167	14.1	11.1	16.7		





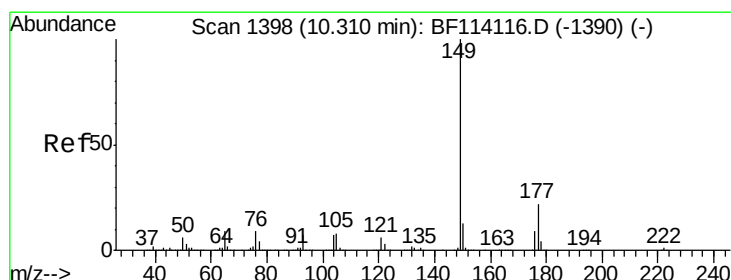
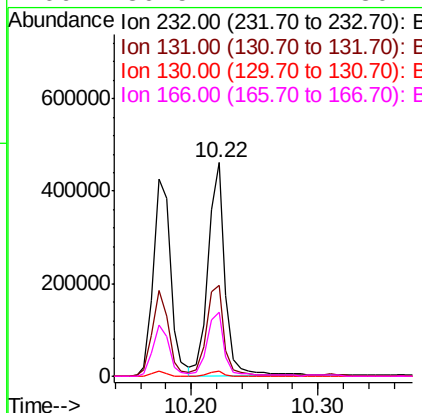
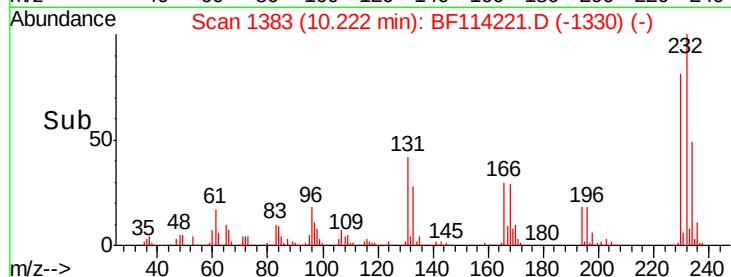
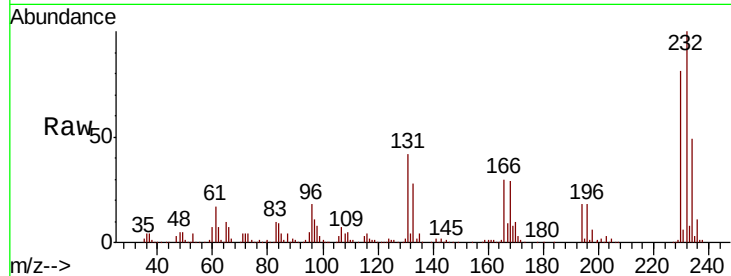
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.960 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.5	35.6	53.4
130	2.3	1.6	2.4
166	30.5	24.1	36.1

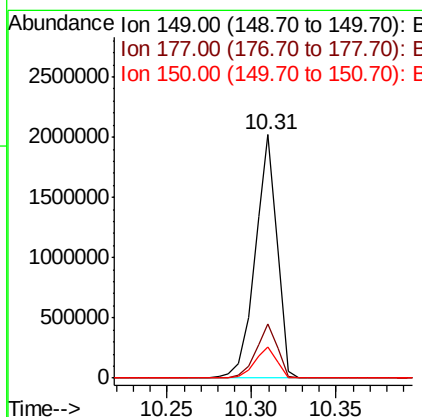
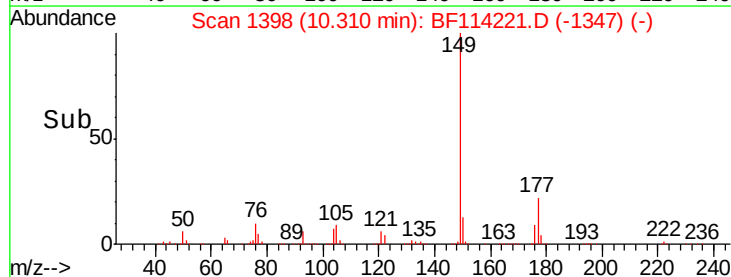
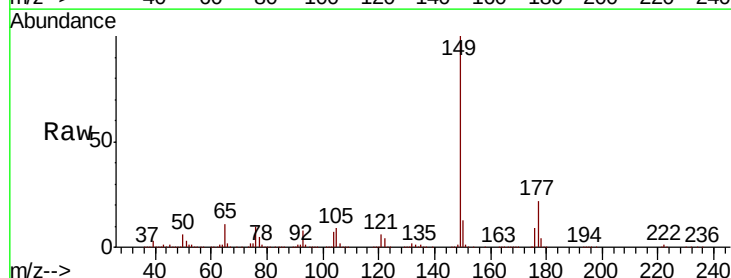
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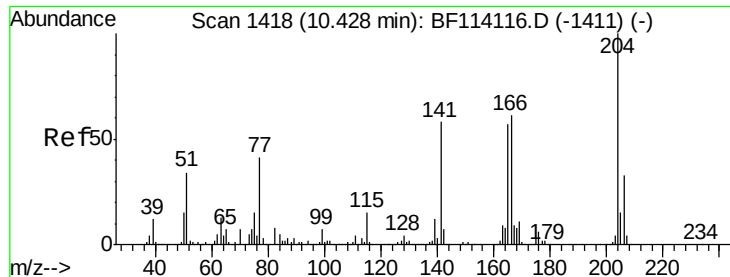
mohammad
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#60
Diethylphthalate
Concen: 39.665 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.8	26.6
150	12.9	10.2	15.2





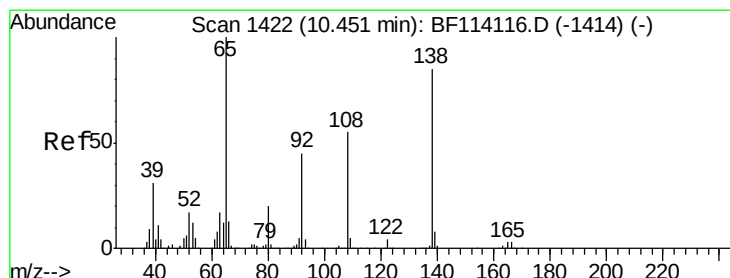
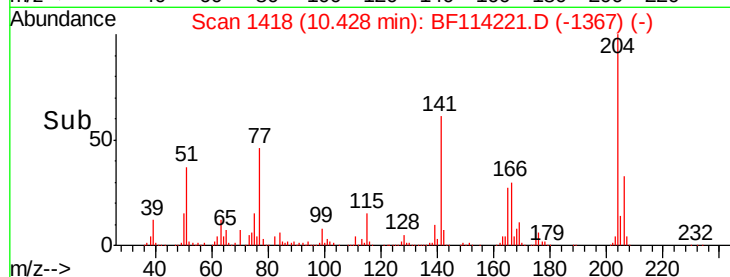
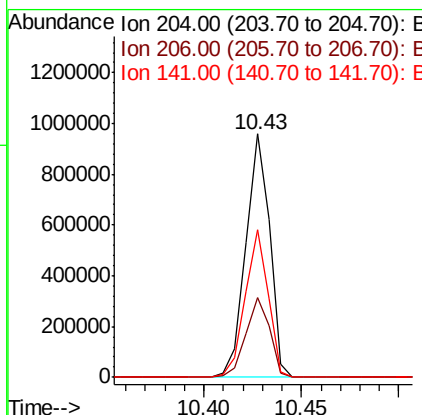
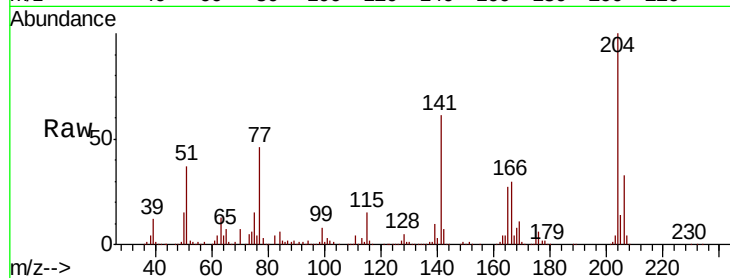
#61
4-Chlorophenyl-phenylether
Concen: 39.052 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	60.6	46.4	69.6

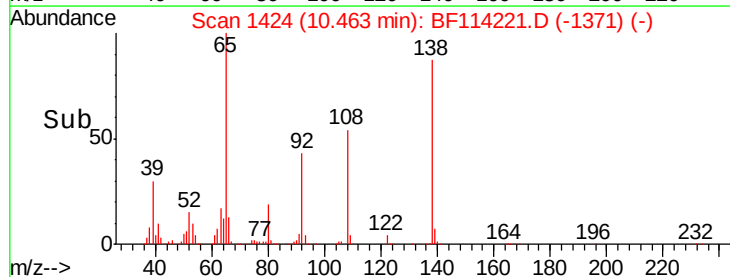
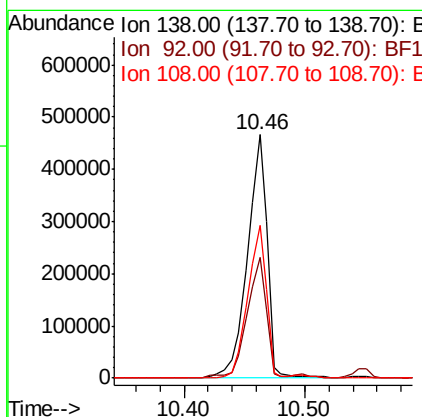
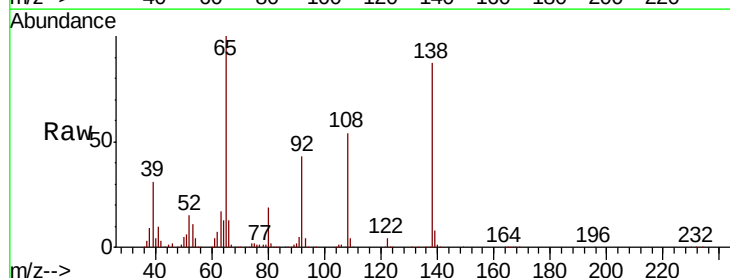
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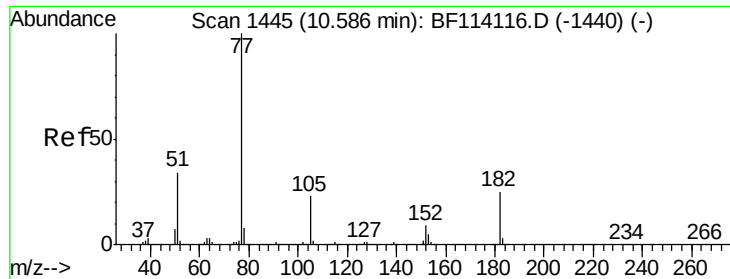
mohammad
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#62
4-Nitroaniline
Concen: 40.741 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	33.0	73.0
108	62.6	44.9	84.9





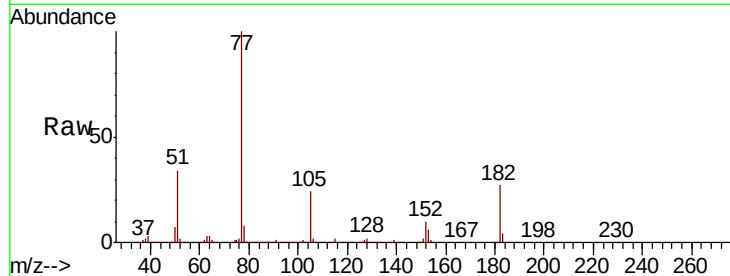
#63
Azobenzene
Concen: 39.974 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.0	4.7	44.7
105	24.4	2.9	42.9
51	34.2	14.6	54.6

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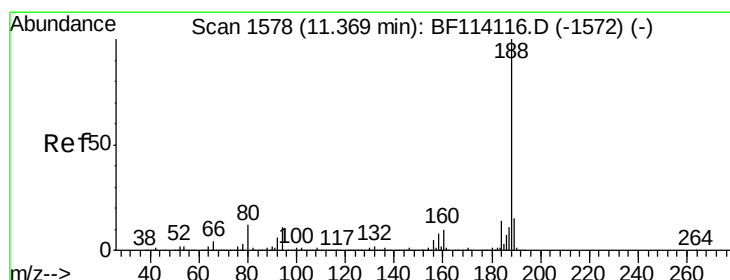
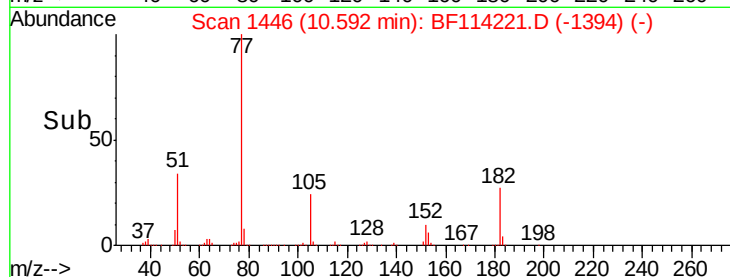
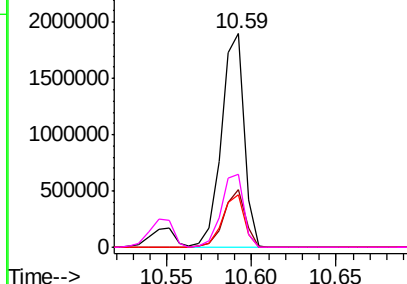
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

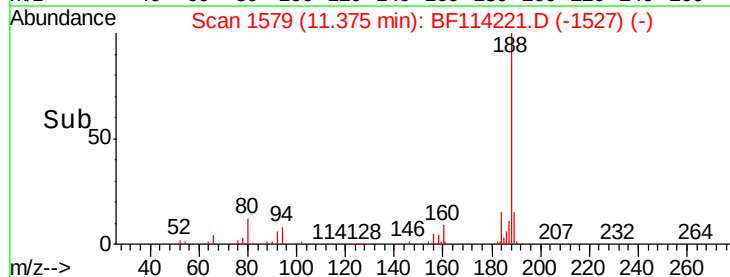
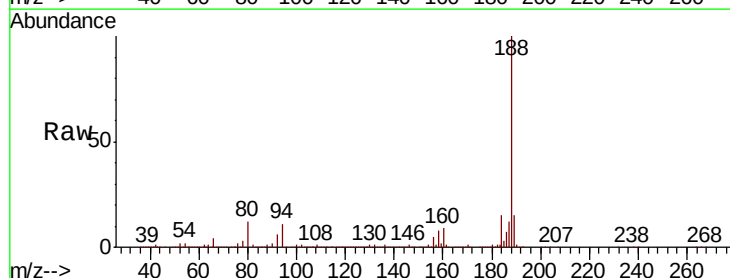
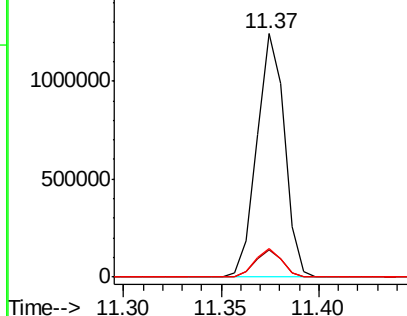
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.4	12.6
80	11.8	9.2	13.8

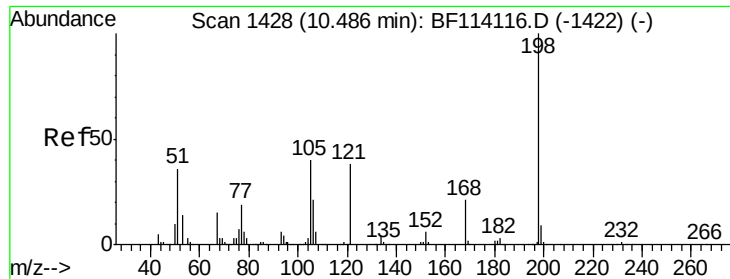
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





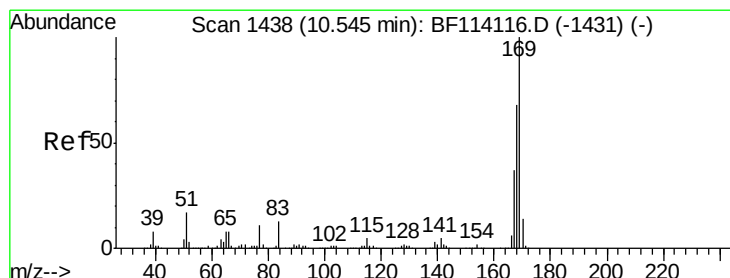
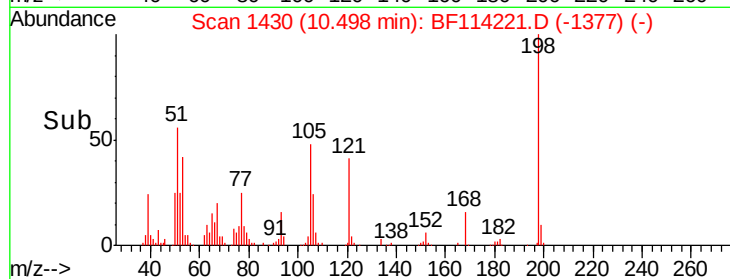
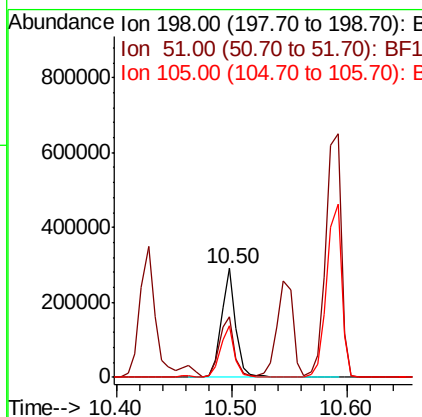
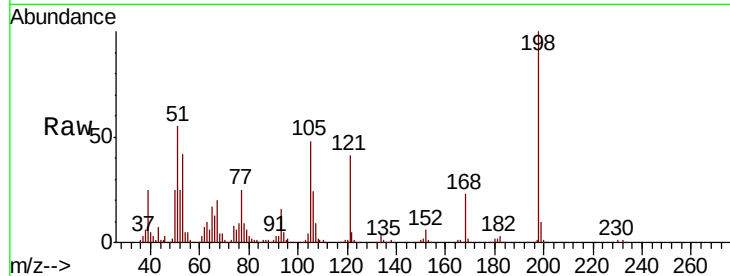
#65
4,6-Dinitro-2-methylphenol
Concen: 42.842 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	251436		
51	55.5	28.0	68.0	
105	47.5	21.1	61.1	

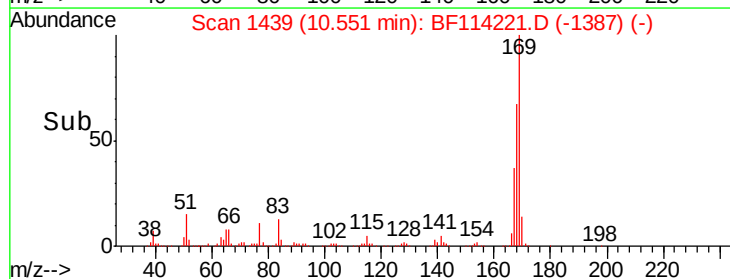
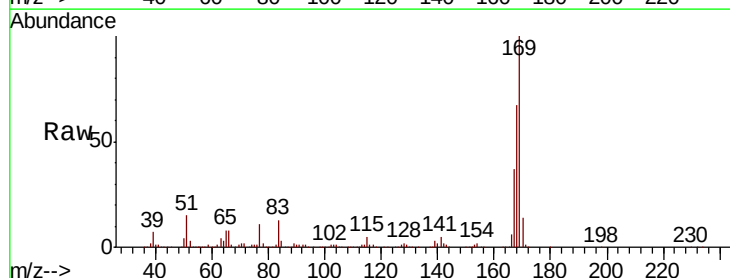
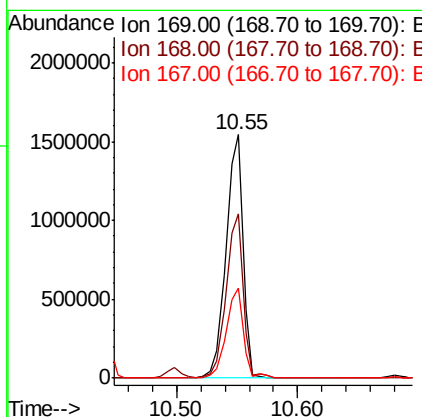
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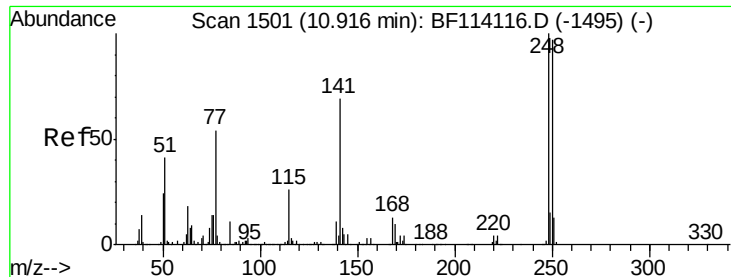
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#66
n-Nitrosodiphenylamine
Concen: 40.419 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1498328		
168	67.5	54.2	81.2	
167	37.1	29.8	44.8	





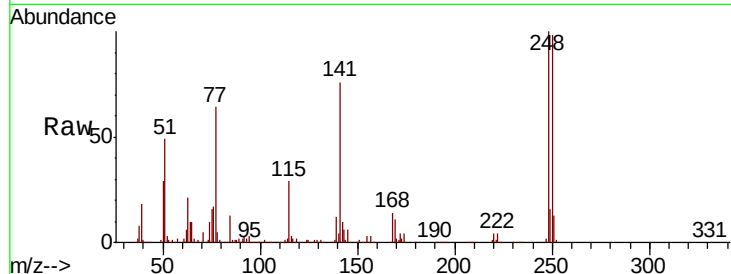
#67
4-Bromophenyl-phenylether
Concen: 40.562 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

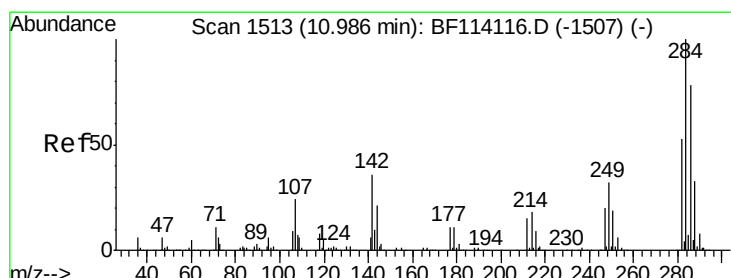
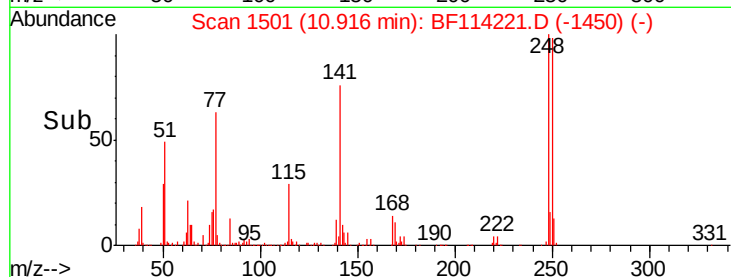
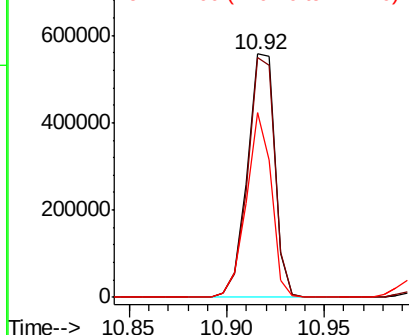
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.4	116.2
141	75.9	55.6	83.4

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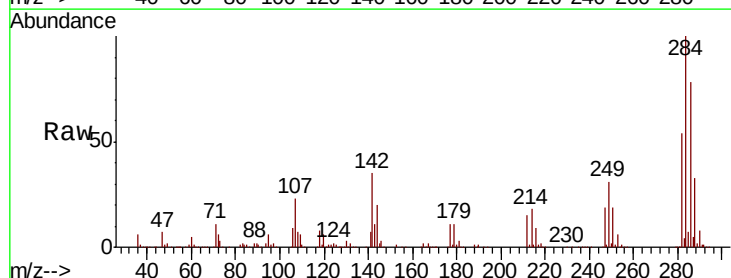


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

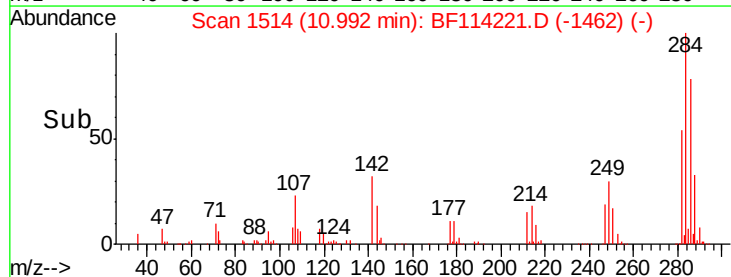
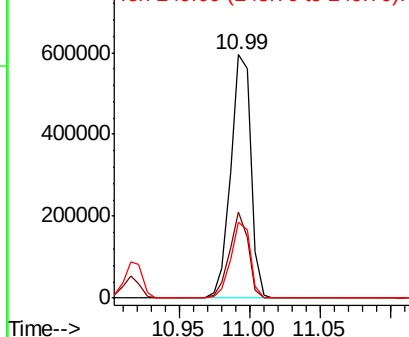


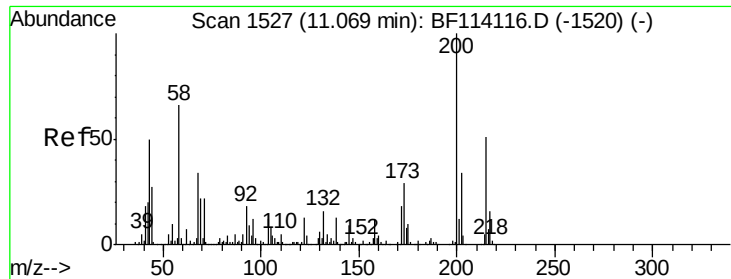
#68
Hexachlorobenzene
Concen: 39.742 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.3	28.4	42.6
249	31.3	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





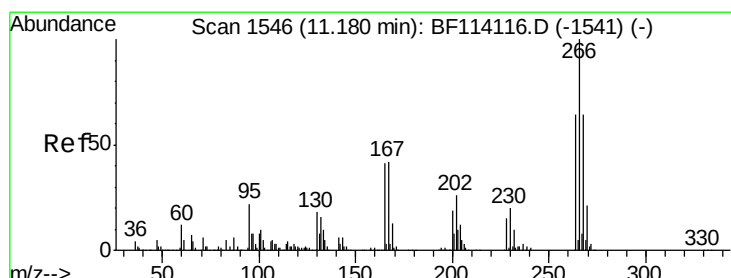
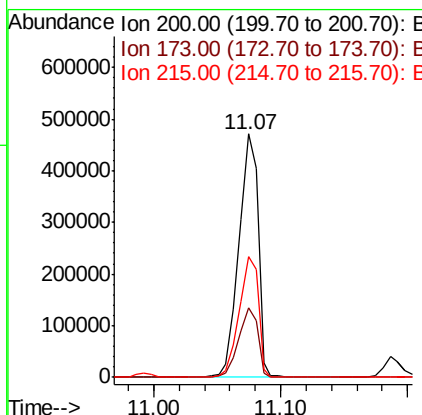
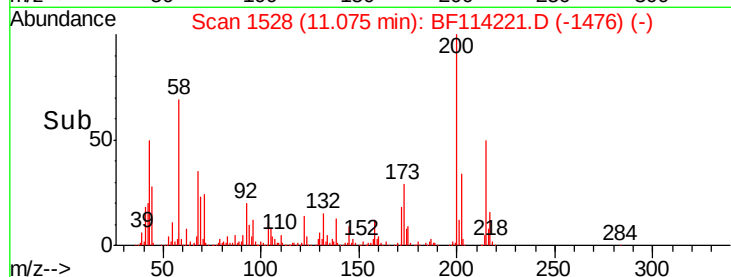
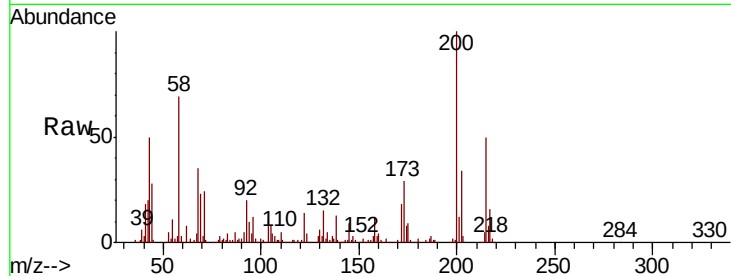
#69
Atrazine
Concen: 42.527 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	490582		
173	28.7	8.9	48.9	
215	49.5	30.7	70.7	

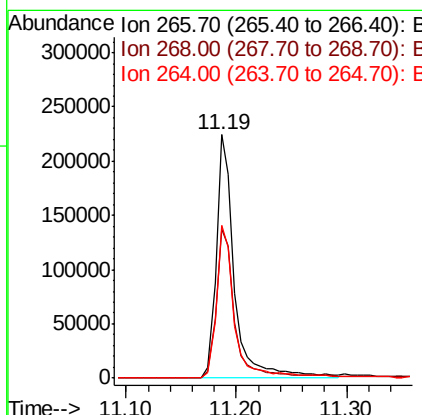
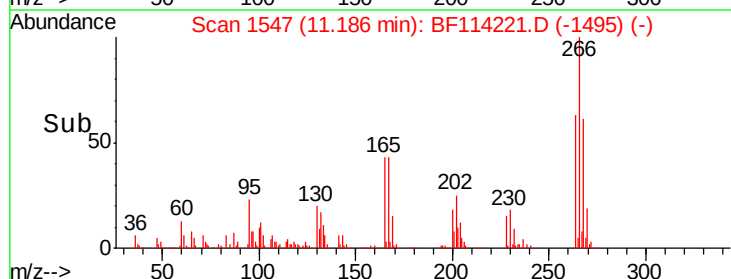
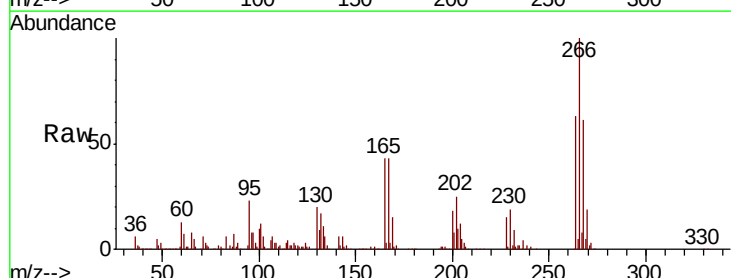
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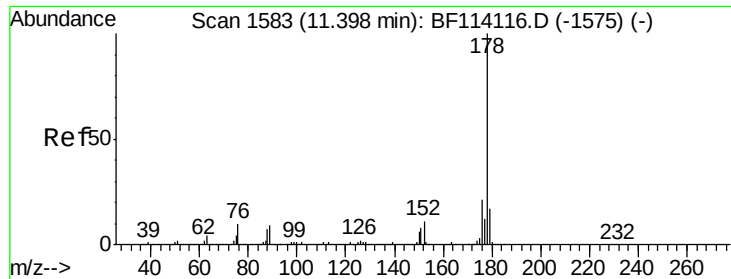
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#70
Pentachlorophenol
Concen: 36.364 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	256455		
268	61.3	51.1	76.7	
264	62.7	51.1	76.7	





#71

Phenanthrene

Concen: 39.224 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 2330767

Ion Ratio Lower Upper

178 100

176 20.6 16.4 24.6

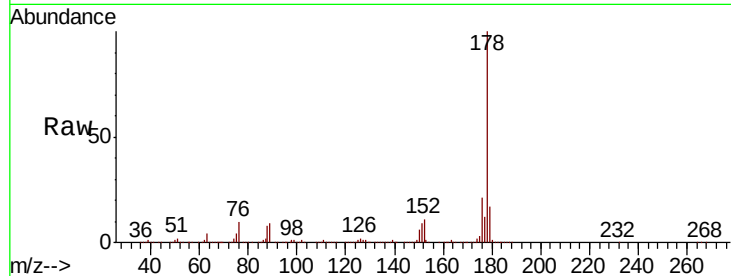
179 16.8 13.2 19.8

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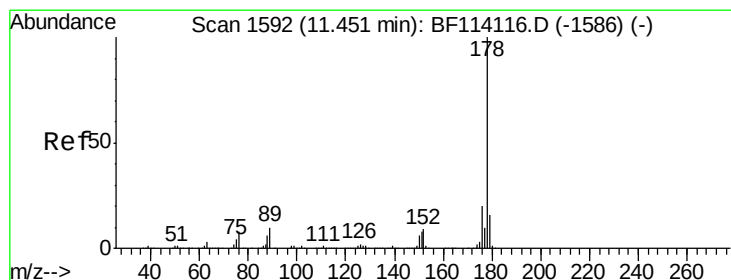
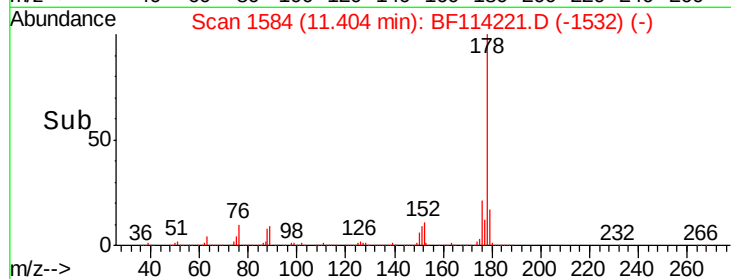
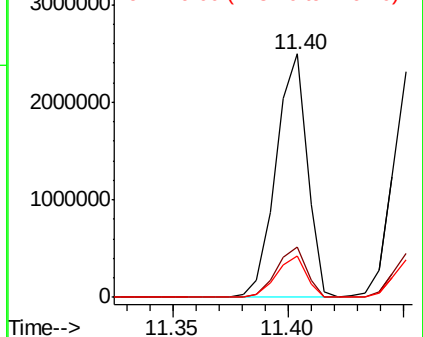
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.469 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

Tgt Ion:178 Resp: 2415397

Ion Ratio Lower Upper

178 100

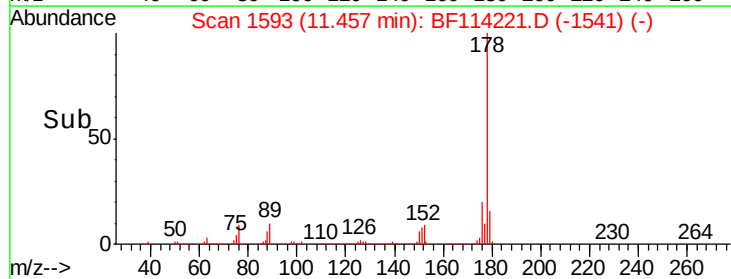
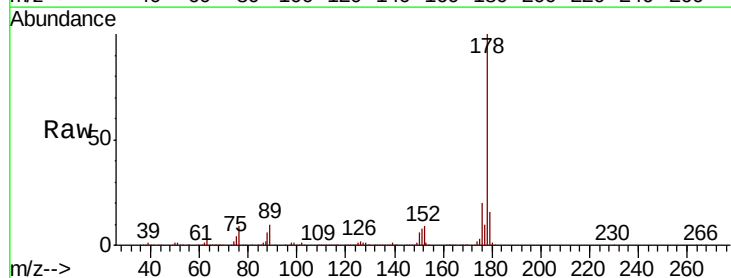
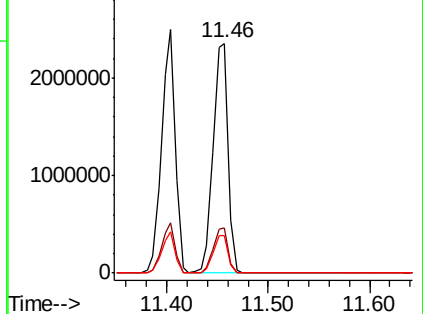
176 19.9 15.8 23.8

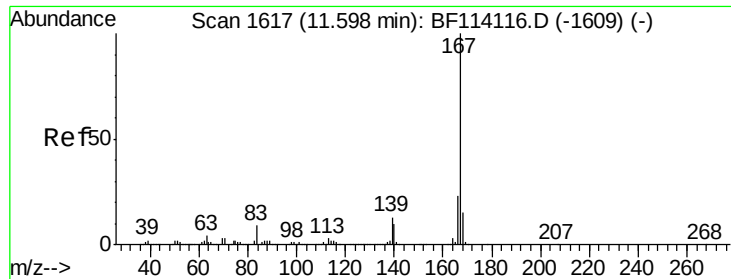
179 16.1 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





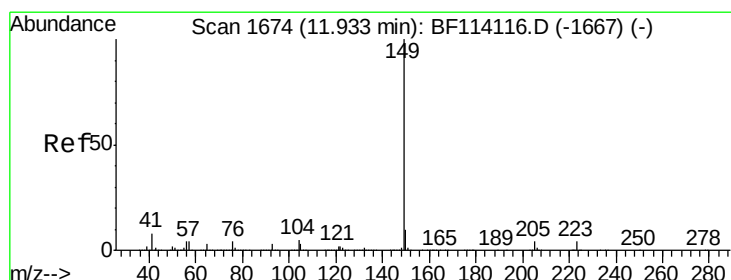
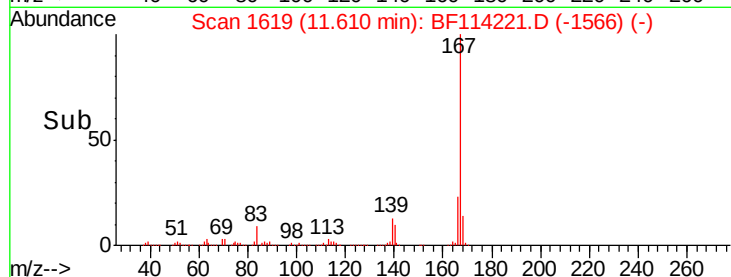
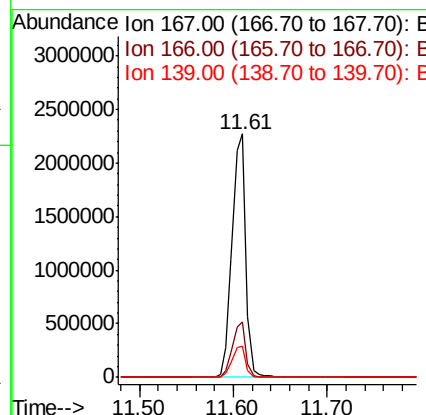
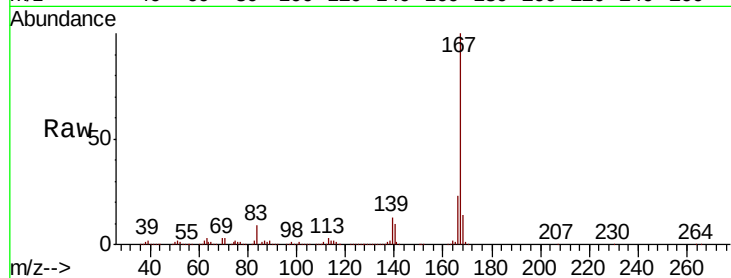
#73
 Carbazole
 Concen: 40.380 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF114221.D
 Acq: 13 May 2019 11:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.2
139	12.6	10.6	16.0

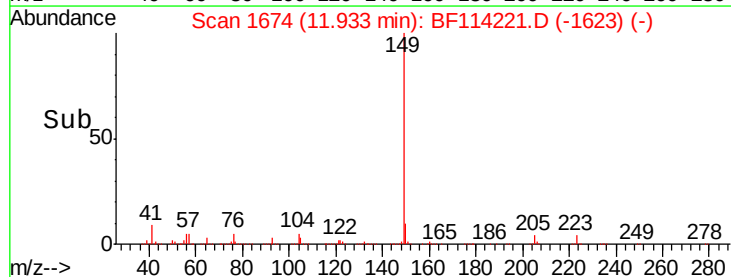
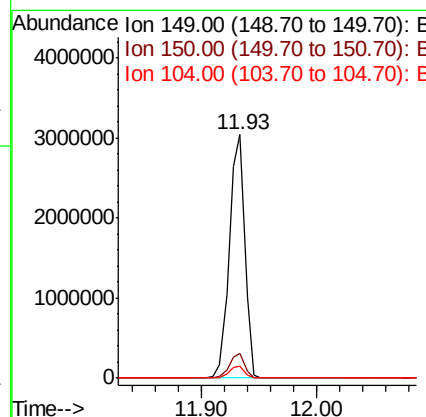
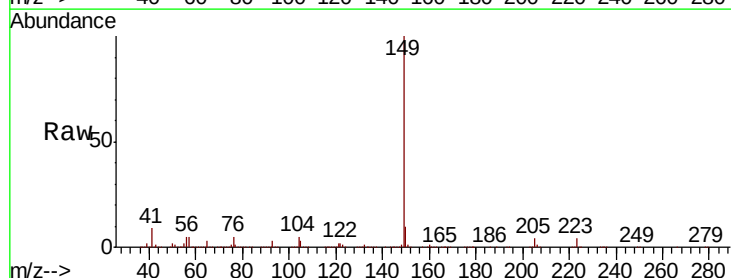
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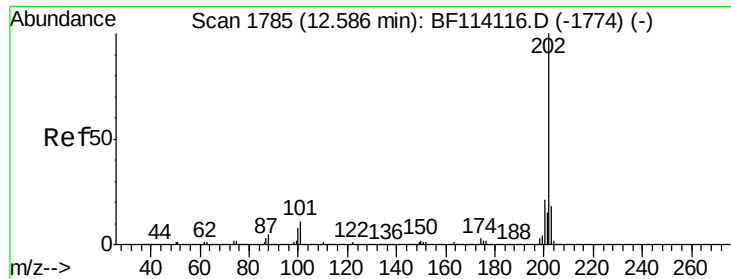
mohammad
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#74
 Di-n-butylphthalate
 Concen: 43.002 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BF114221.D
 Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	5.0	3.6	5.4





#75

Fluoranthene

Concen: 39.599 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

Instrument :

BNA_F

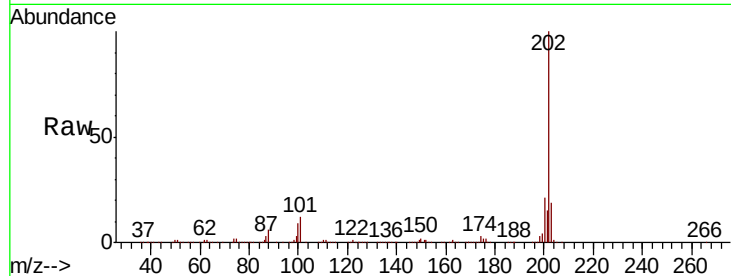
ClientSampleId :

SSTDCCC040

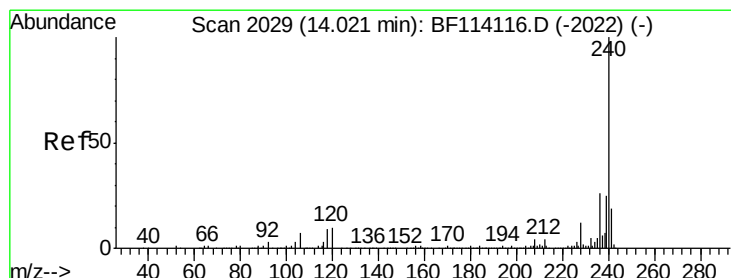
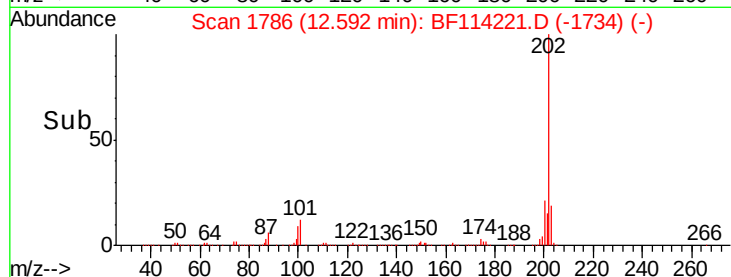
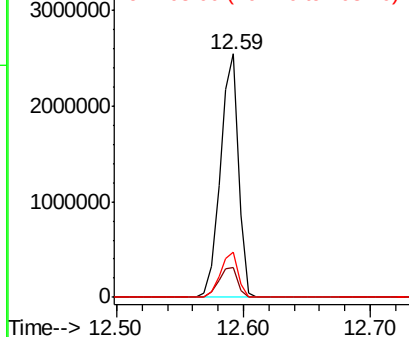
Tot Ion:	202	Resp:	2533942
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.0
203	18.6	0.0	38.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

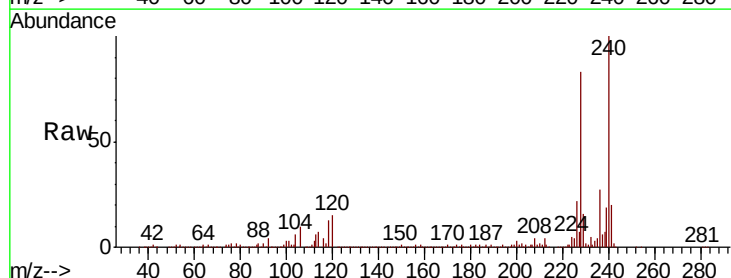
RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

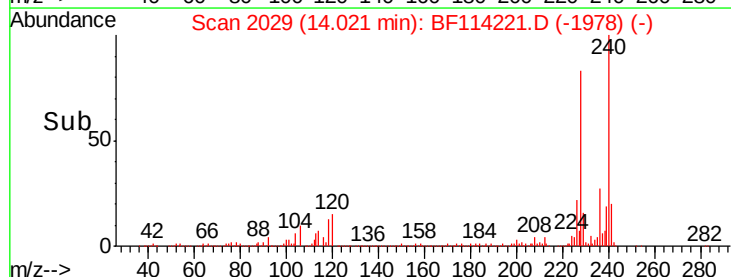
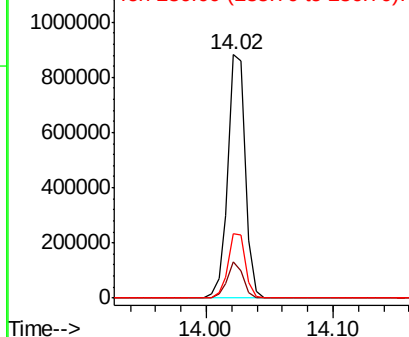
Lab File: BF114221.D

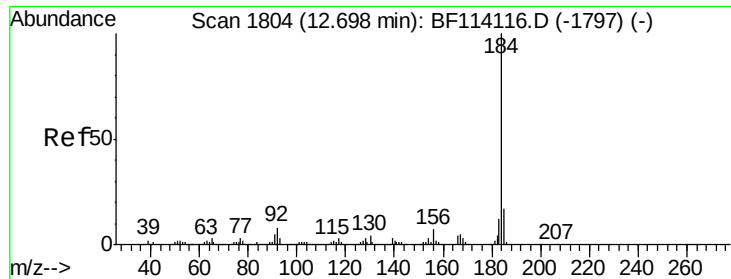
Acq: 13 May 2019 11:40

Tgt Ion:	240	Resp:	837635
Ion	Ratio	Lower	Upper
240	100		
120	14.8	8.3	12.5#
236	26.6	20.8	31.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.743 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1343922

Ion Ratio Lower Upper

184 100

185 16.5 13.6 20.4

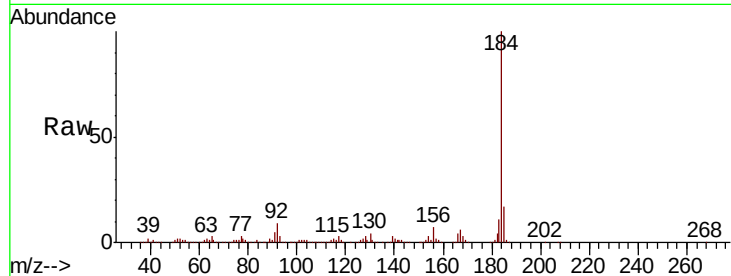
183 11.5 9.2 13.8

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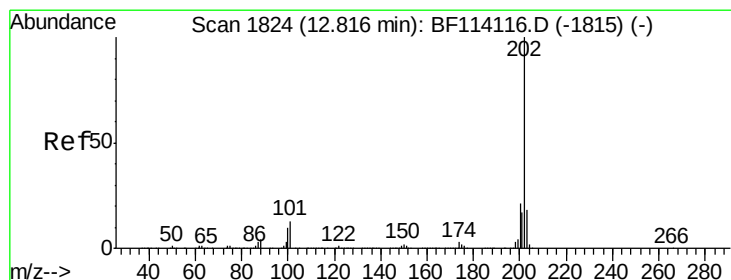
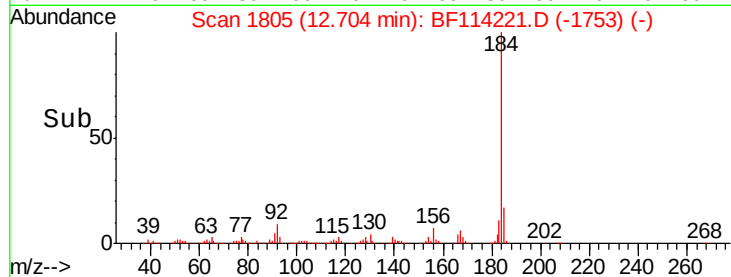
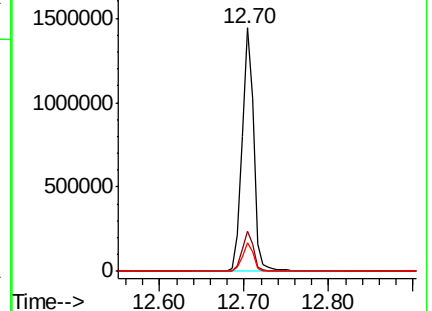
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.130 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

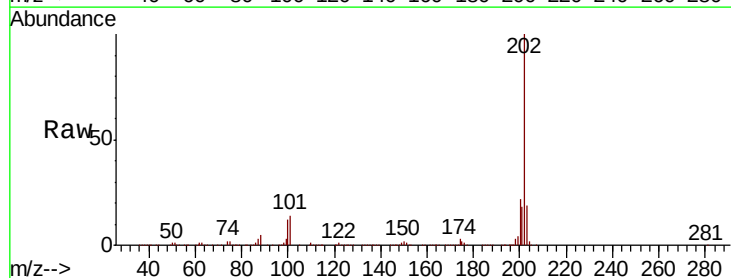
Tgt Ion:202 Resp: 2569366

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

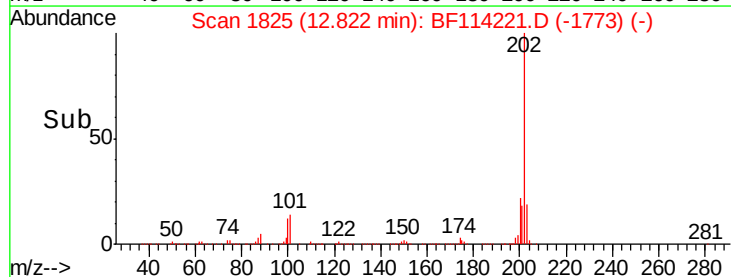
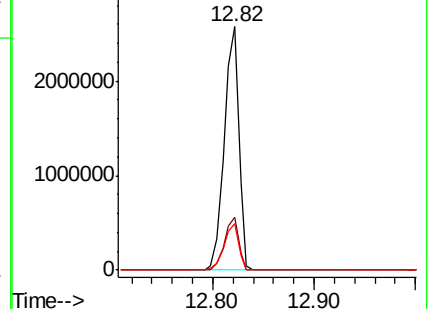
203 18.9 14.5 21.7

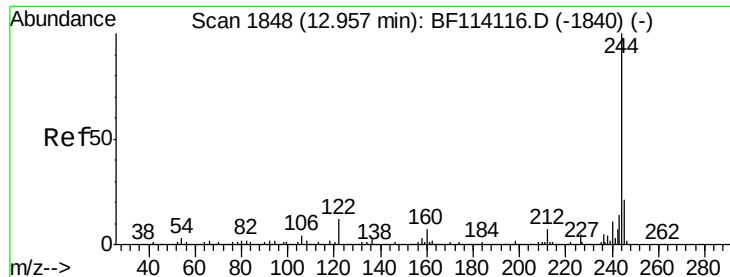


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.426 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 3105486

Ion Ratio Lower Upper

244 100

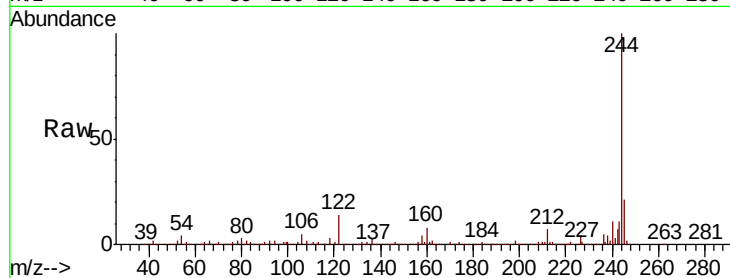
212 7.2 5.8 8.6

122 13.6 9.4 14.2

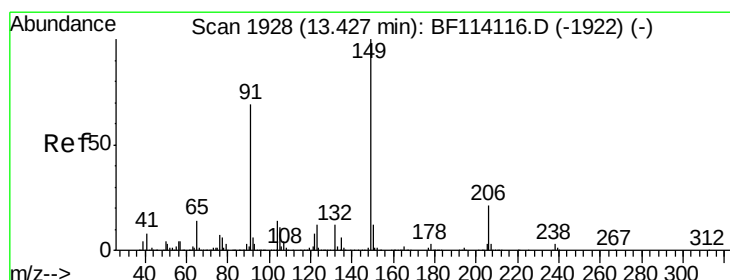
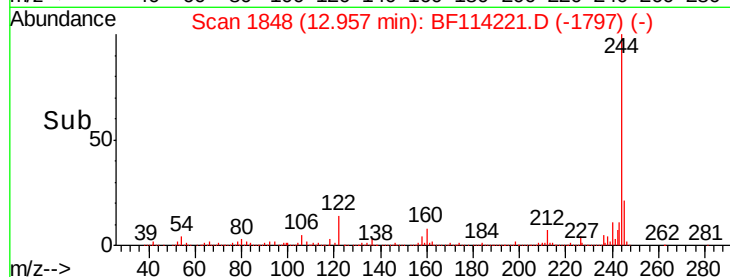
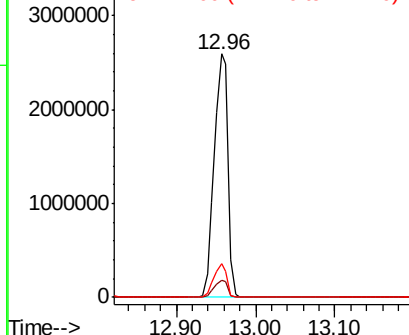
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.568 ng

RT: 13.43 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

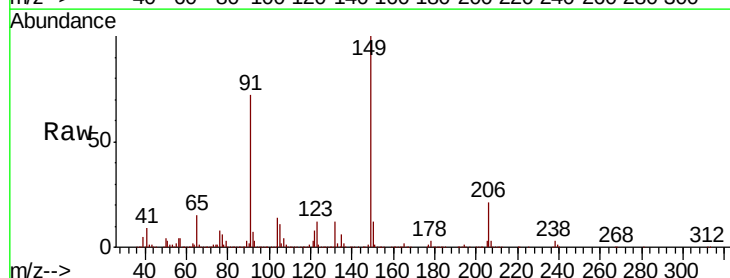
Tgt Ion:149 Resp: 1292409

Ion Ratio Lower Upper

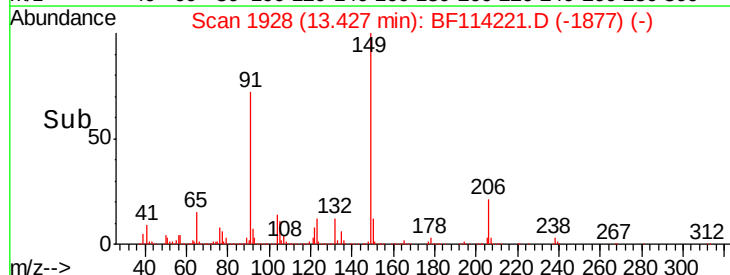
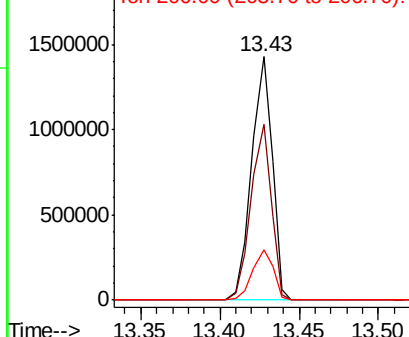
149 100

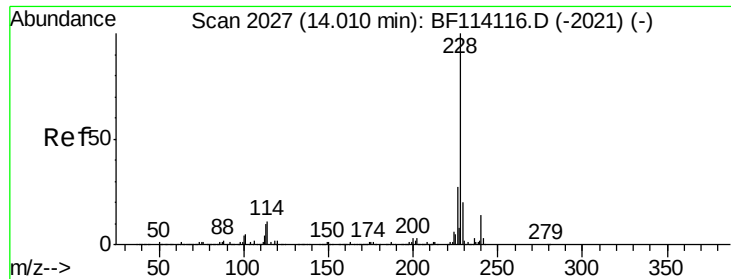
91 72.1 55.0 82.4

206 20.9 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





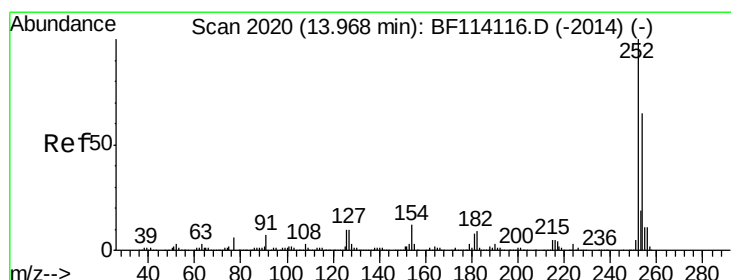
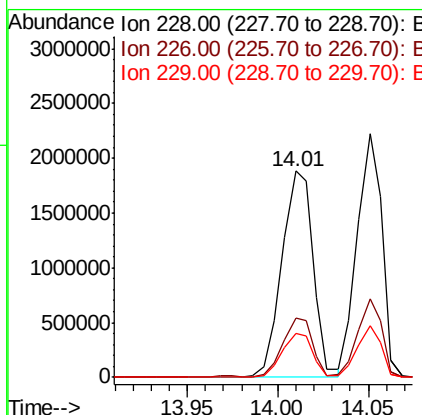
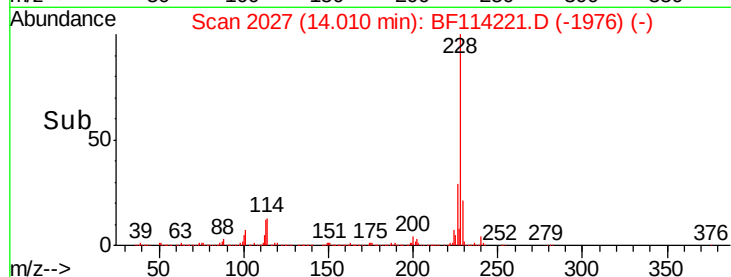
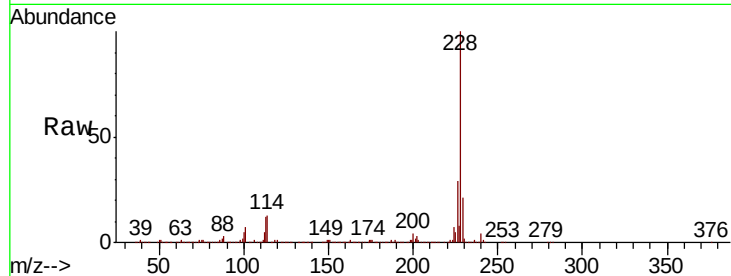
#81
Benzo(a)anthracene
Concen: 42.127 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.2	33.2
229	21.4	16.4	24.6

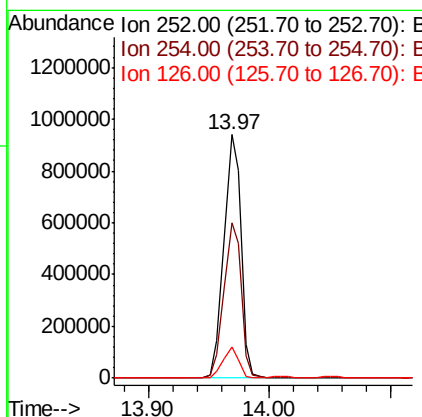
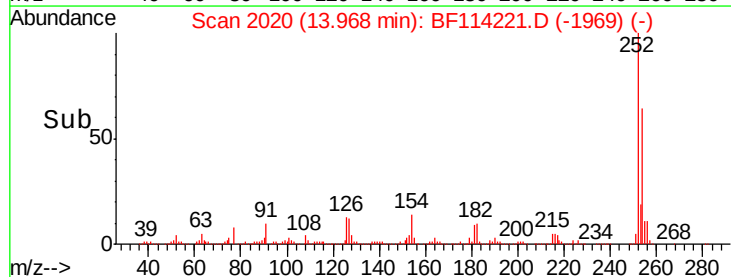
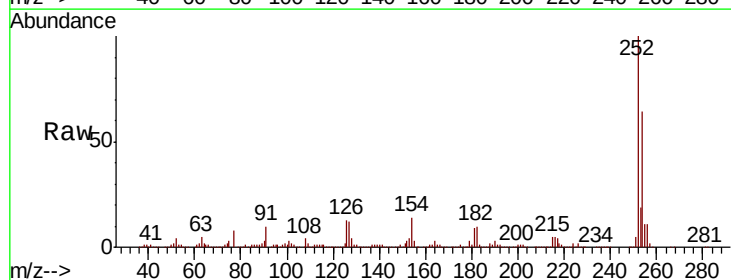
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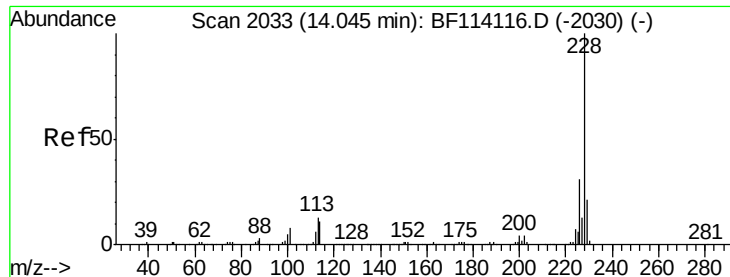
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 43.924 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.9	77.9
126	12.7	7.9	11.9





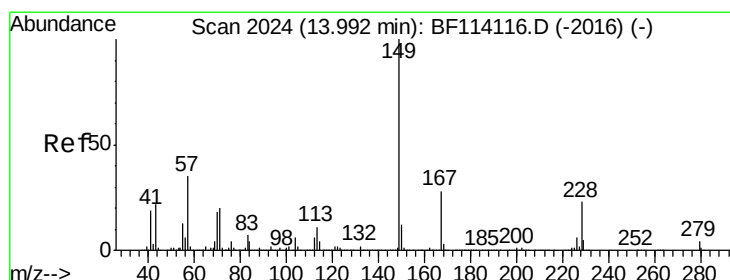
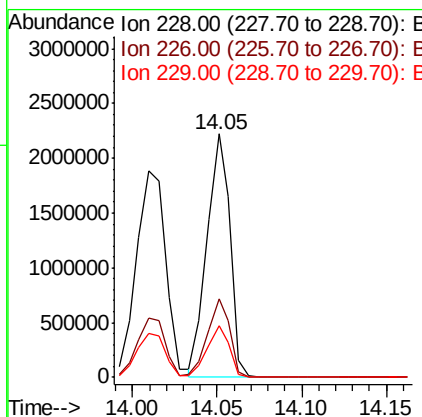
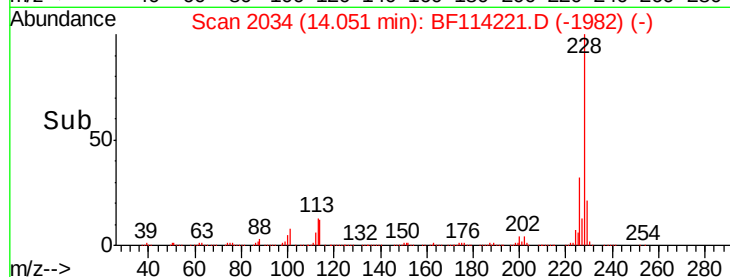
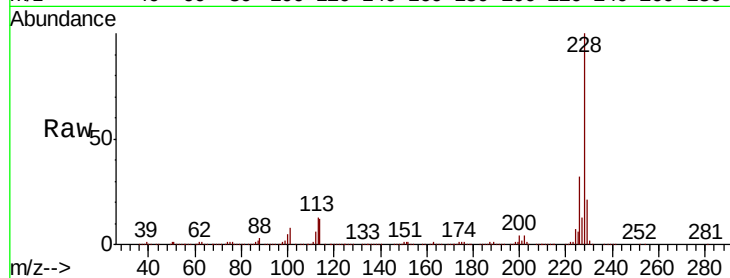
#83
 Chrysene
 Concen: 39.977 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF114221.D
 Acq: 13 May 2019 11:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	21.2	17.0	25.6

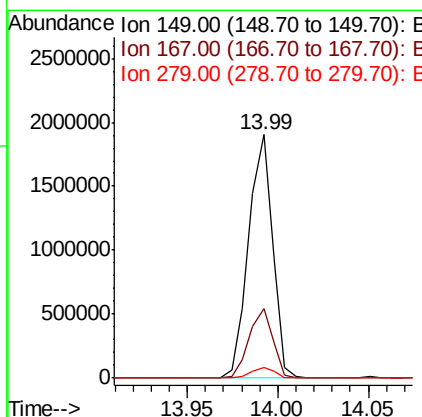
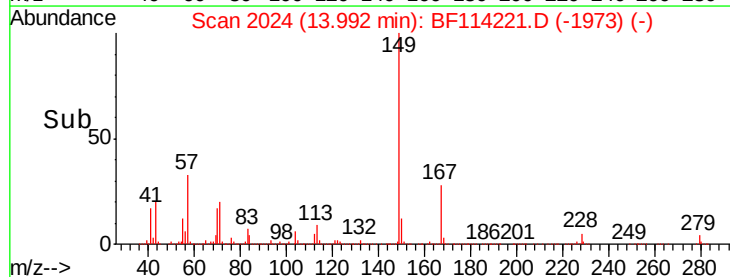
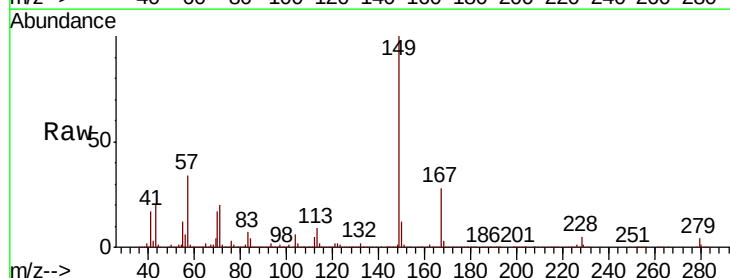
Manual Integrations
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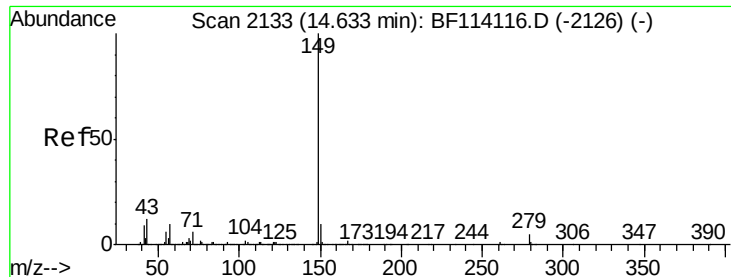
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.498 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF114221.D
 Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	33.8
279	4.2	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 48.790 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2933872

Ion Ratio Lower Upper

149 100

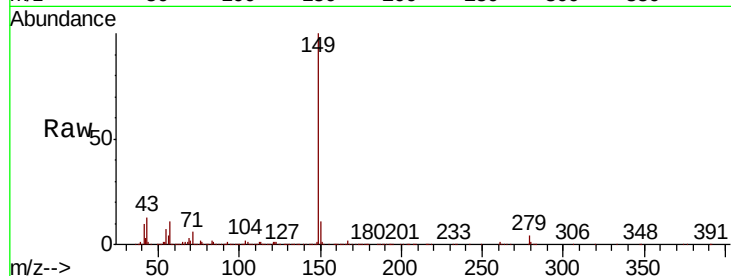
167 1.6 1.3 1.9

43 12.9 10.1 15.1

Manual Integrations
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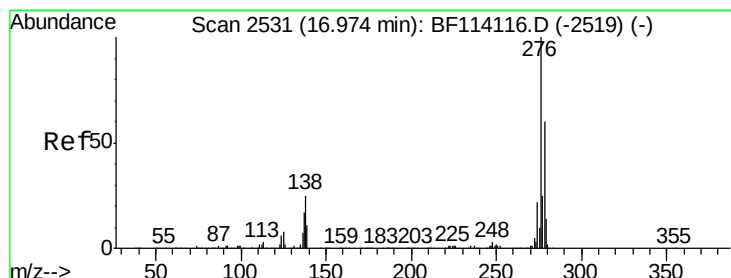
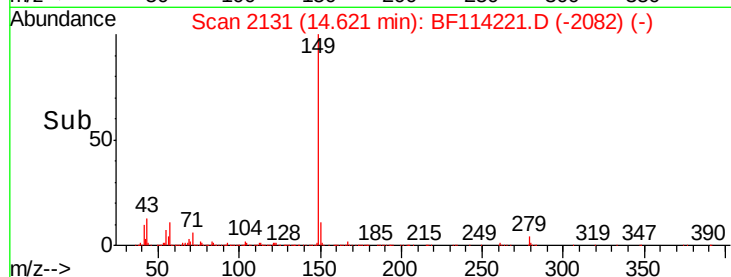
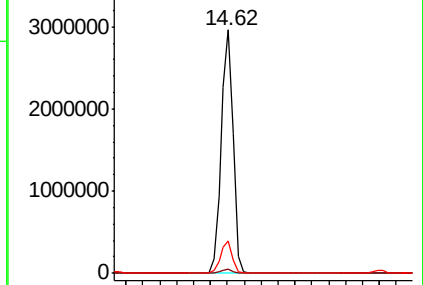
5/14/2019 11:12:17 PM



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: 42.527 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.02 min

Lab File: BF114221.D

Acq: 13 May 2019 11:40

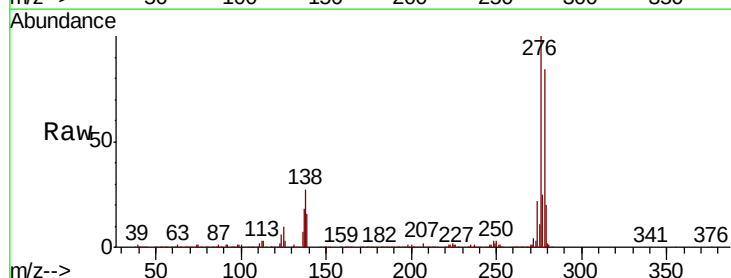
Tgt Ion:276 Resp: 1996093

Ion Ratio Lower Upper

276 100

138 26.6 20.2 30.2

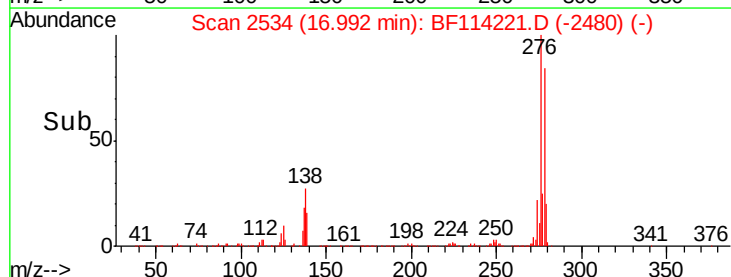
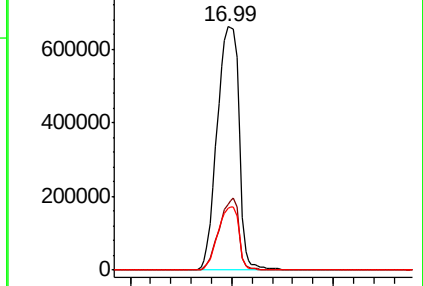
277 25.0 20.0 30.0

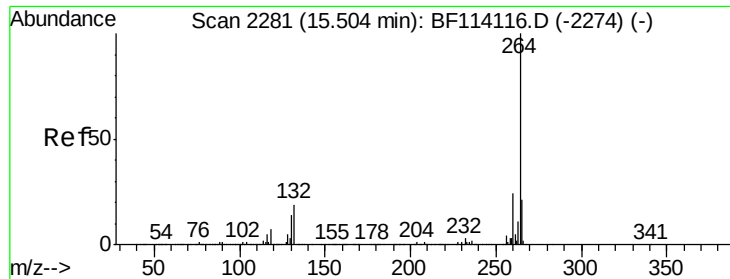


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





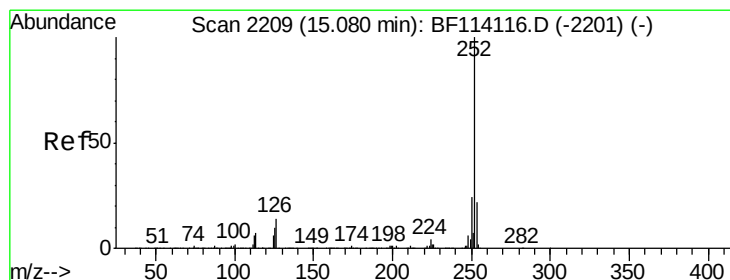
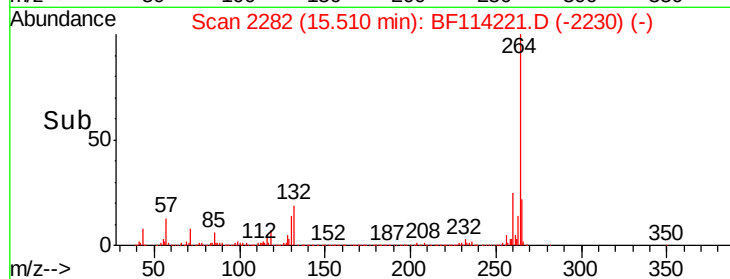
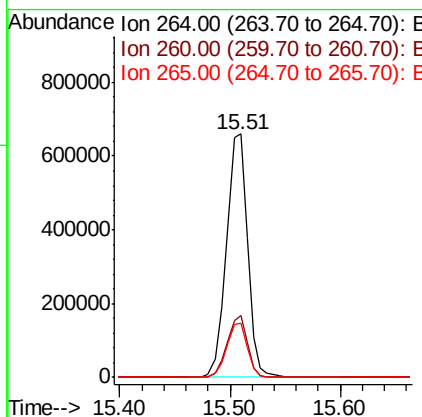
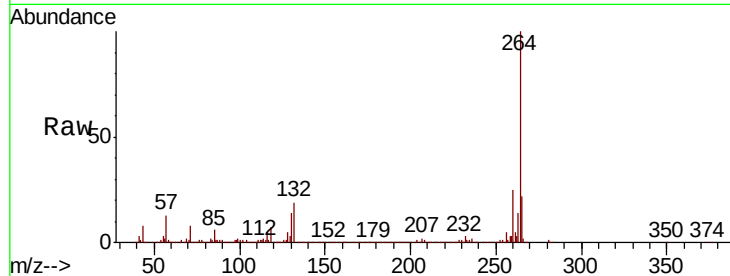
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.4	29.0
265	22.1	16.9	25.3

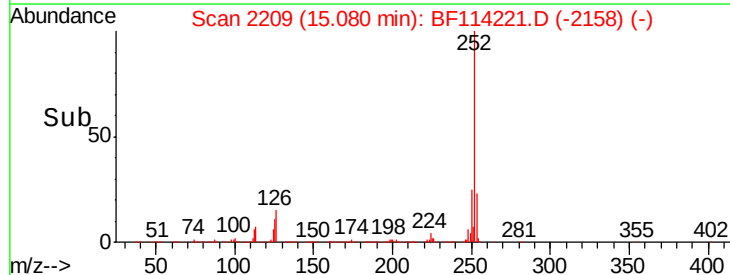
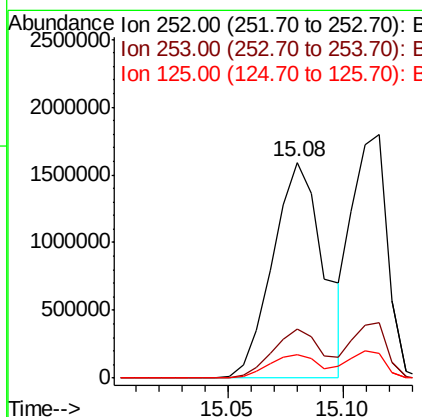
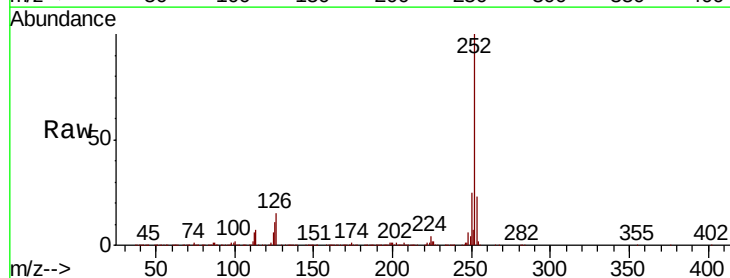
Manual Integrations
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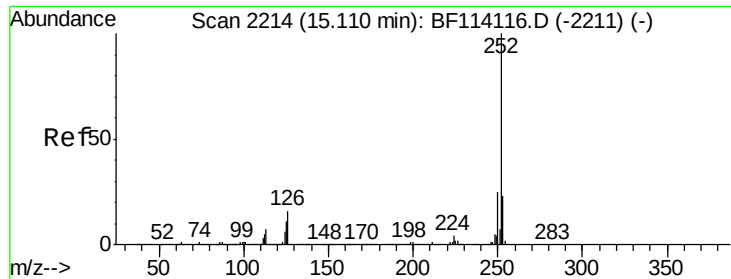
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.955 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	11.1	8.3	12.5





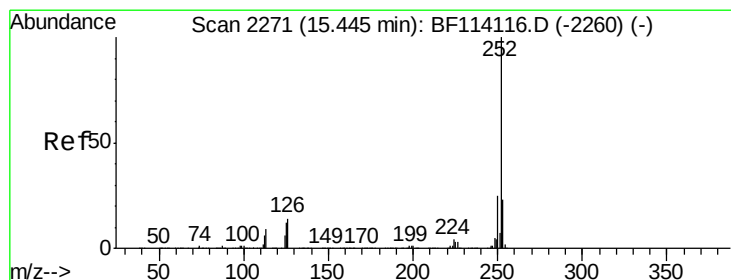
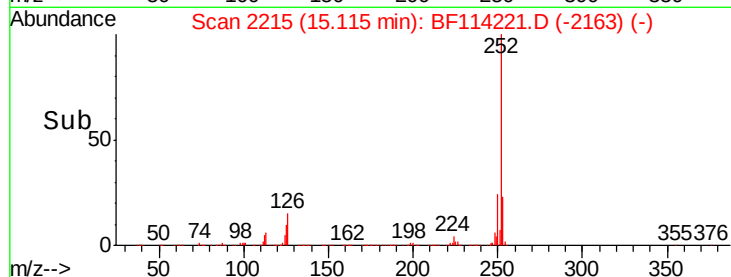
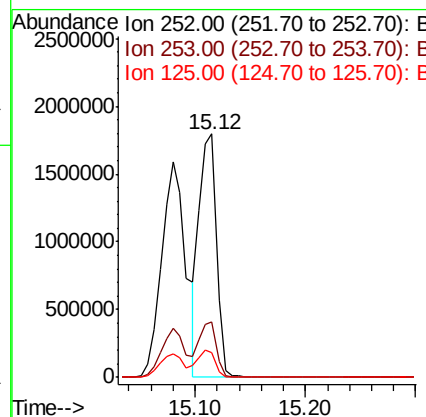
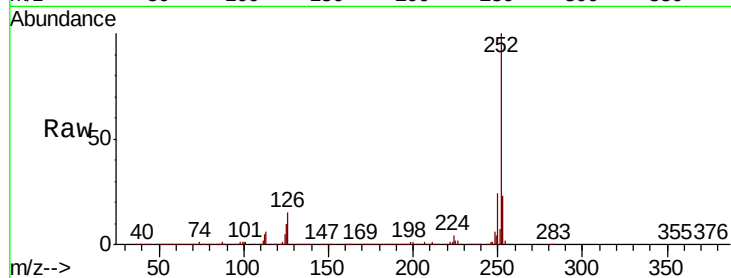
#89
Benzo(k)fluoranthene
Concen: 36.531 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	9.9	8.6	13.0

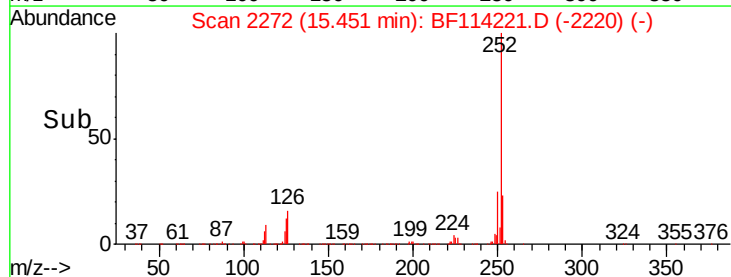
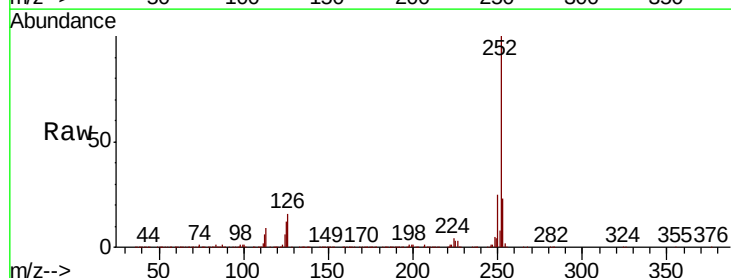
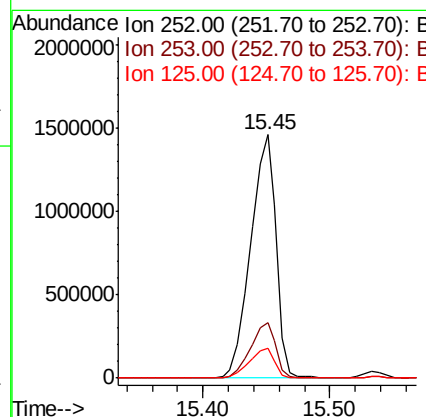
Manual Integrations
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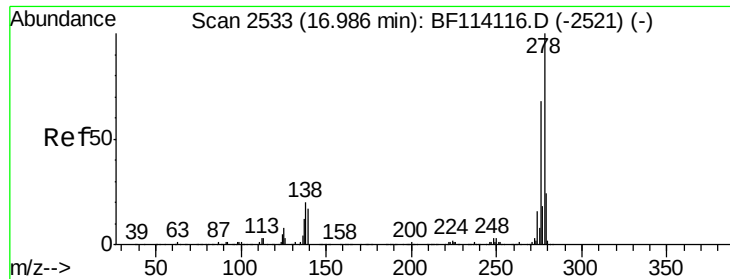
mohammad
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#90
Benzo(a)pyrene
Concen: 40.619 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	12.0	9.5	14.3





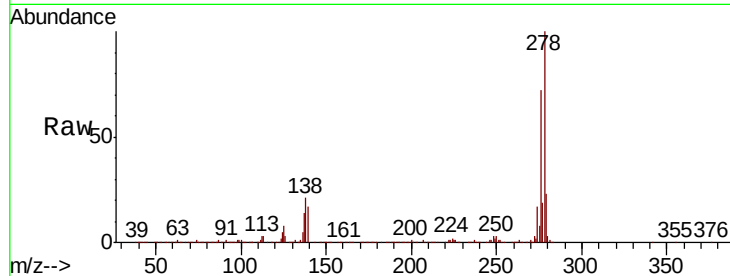
#91
Dibenzo(a,h)anthracene
Concen: 39.746 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.02 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.5	20.3
279	23.4	19.0	28.6

Manual Integrations
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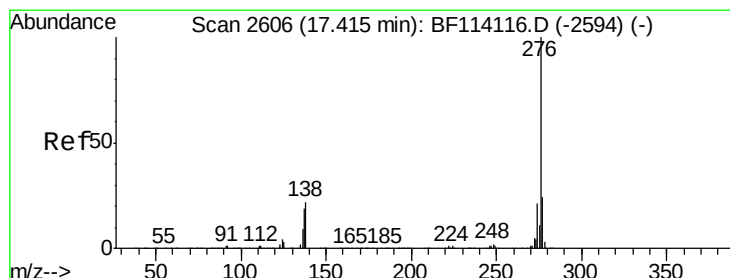
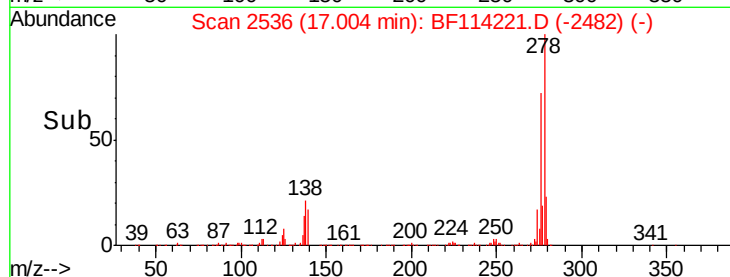
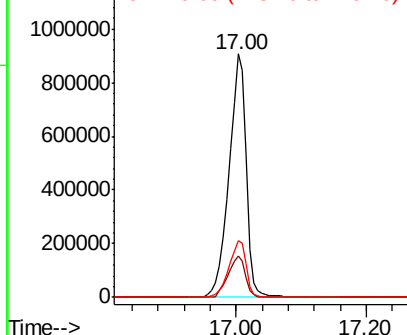


Abundance

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: 37.815 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.02 min
Lab File: BF114221.D
Acq: 13 May 2019 11:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.4
138	23.0	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

