

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
 Data File : BF114489.D
 Acq On : 22 May 2019 18:02
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 5/23/2019 4:08:06 AM

Quant Time: May 22 19:01:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	217715	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	877504	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	418367	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	823662	20.00	ng	0.00
76) Chrysene-d12	14.00	240	542276	20.00	ng	0.00
87) Perylene-d12	15.47	264	487496	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1040360	76.90	ng	-0.01
7) Phenol-d6	6.48	99	1285428	80.33	ng	0.00
23) Nitrobenzene-d5	7.40	82	1252627	80.11	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	324954	75.13	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2089801	75.56	ng	0.00
79) Terphenyl-d14	12.94	244	2130156	80.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.57	88	249289	33.524	ng	99
3) Pyridine	3.33	79	677856	33.085	ng	100
4) n-Nitrosodimethylamine	3.29	42	339361	34.348	ng	98
6) Aniline	6.50	93	885407	38.306	ng	# 83
8) 2-Chlorophenol	6.62	128	593917	41.122	ng	97
9) Benzaldehyde	6.38	77	389101	34.735	ng	99
10) Phenol	6.49	94	722851	38.402	ng	77
11) bis(2-Chloroethyl)ether	6.57	93	592730	41.478	ng	96
12) 1,3-Dichlorobenzene	6.77	146	654012	40.341	ng	99
13) 1,4-Dichlorobenzene	6.85	146	662819	40.572	ng	98
14) 1,2-Dichlorobenzene	7.00	146	609515	40.838	ng	100
15) Benzyl Alcohol	6.98	79	466629	37.391	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1095115	39.523	ng	71
17) 2-Methylphenol	7.10	107	462481	38.981	ng	# 89
18) Hexachloroethane	7.34	117	251627	41.034	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	407150	40.144	ng	97
20) 3+4-Methylphenols	7.25	107	577710	42.145	ng	# 73
22) Acetophenone	7.25	105	780946	40.173	ng	# 95
24) Nitrobenzene	7.42	77	635282	39.891	ng	99
25) Isophorone	7.66	82	1146133	39.523	ng	100
26) 2-Nitrophenol	7.73	139	325686	42.152	ng	99
27) 2,4-Dimethylphenol	7.77	122	450370	37.113	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	760872	40.438	ng	98
29) 2,4-Dichlorophenol	7.98	162	500008	41.379	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	548610	39.926	ng	100
31) Naphthalene	8.13	128	1670152	40.746	ng	99
32) Benzoic acid	7.93	122	276478m	34.300	ng	
33) 4-Chloroaniline	8.19	127	763699	40.886	ng	99
34) Hexachlorobutadiene	8.25	225	317058	40.553	ng	99
35) Caprolactam	8.57	113	167585	42.532	ng	93
36) 4-Chloro-3-methylphenol	8.68	107	519001	42.670	ng	99
37) 2-Methylnaphthalene	8.83	142	1109949	41.970	ng	98
38) 1-Methylnaphthalene	8.93	142	1033897	41.514	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	516588	40.762	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
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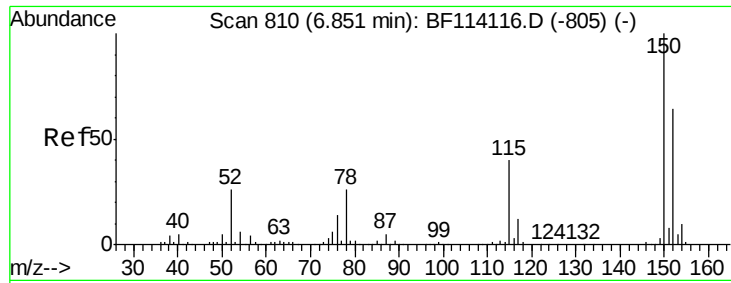
Manual Integrations
 APPROVED

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Quant Time: May 22 19:01:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	199405	36.272	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	336181	38.566	nq	97
44) 2,4,5-Trichlorophenol	9.16	196	341622	38.214	nq	98
46) 1,1'-Biphenyl	9.29	154	1347160	39.859	nq	98
47) 2-Chloronaphthalene	9.32	162	1075685	39.546	nq	99
48) 2-Nitroaniline	9.42	65	391838	40.619	nq	94
49) Acenaphthylene	9.73	152	1615794	39.057	nq	99
50) Dimethylphthalate	9.59	163	1257271	40.937	nq	100
51) 2,6-Dinitrotoluene	9.66	165	272971	40.073	nq	96
52) Acenaphthene	9.90	154	982677	38.708	nq	99
53) 3-Nitroaniline	9.83	138	334607	39.571	nq	97
54) 2,4-Dinitrophenol	9.95	184	97113	32.707	nq	93
55) Dibenzofuran	10.07	168	1386629	37.249	nq	99
56) 4-Nitrophenol	10.01	139	192708	32.226	nq	95
57) 2,4-Dinitrotoluene	10.07	165	339376	36.706	nq	# 82
58) Fluorene	10.42	166	1153654	40.122	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	280411	36.353	nq	98
60) Diethylphthalate	10.29	149	1237831	39.667	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	569384	40.318	nq	98
62) 4-Nitroaniline	10.45	138	349705	39.356	nq	97
63) Azobenzene	10.57	77	1180600	39.086	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	156852	39.631	nq	93
66) n-Nitrosodiphenylamine	10.53	169	1024768	40.993	nq	100
67) 4-Bromophenyl-phenylether	10.89	248	365064	40.255	nq	96
68) Hexachlorobenzene	10.97	284	401005	39.970	nq	95
69) Atrazine	11.06	200	307625	39.544	nq	99
70) Pentachlorophenol	11.17	266	162166	34.098	nq	98
71) Phenanthrene	11.38	178	1643801	41.021	nq	99
72) Anthracene	11.43	178	1635121	40.625	nq	100
73) Carbazole	11.59	167	1594416	41.542	nq	98
74) Di-n-butylphthalate	11.91	149	1922380	43.475	nq	100
75) Fluoranthene	12.57	202	1731016	40.114	nq	99
77) Benzidine	12.69	184	855270	35.136	nq	96
78) Pyrene	12.80	202	1764329	40.444	nq	100
80) Butylbenzylphthalate	13.40	149	810539	44.143	nq	98
81) Benzo(a)anthracene	13.99	228	1458466	41.582	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	553432	40.675	nq	98
83) Chrysene	14.03	228	1391173	40.462	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1053840	43.884	nq	99
85) Di-n-octyl phthalate	14.57	149	1623552	41.706	nq	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	1189862	39.157	nq	100
88) Benzo(b)fluoranthene	15.04	252	1327546	42.506	nq	99
89) Benzo(k)fluoranthene	15.07	252	1171618	40.838	nq	99
90) Benzo(a)pyrene	15.41	252	1171446	42.619	nq	98
91) Dibenzo(a,h)anthracene	16.96	278	976954	42.774	nq	98
92) Benzo(g,h,i)perylene	17.39	276	996723	43.546	nq	98

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



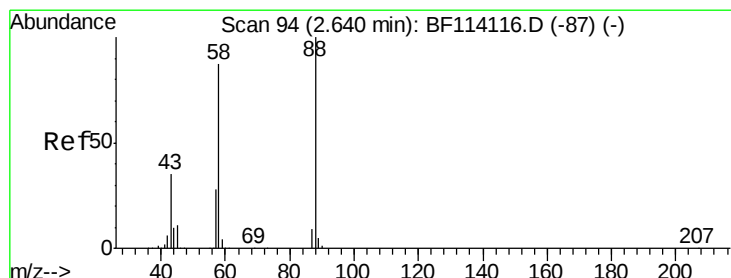
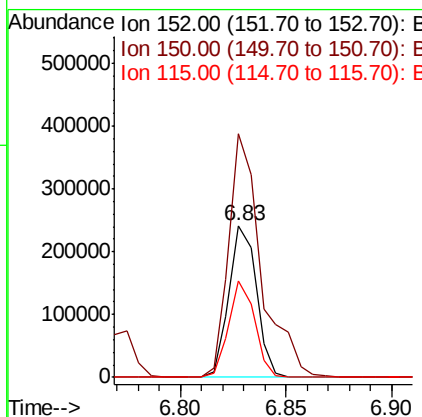
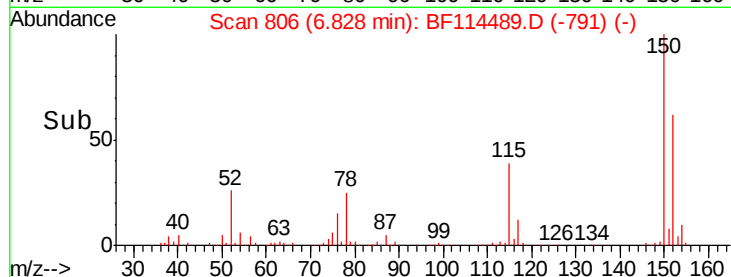
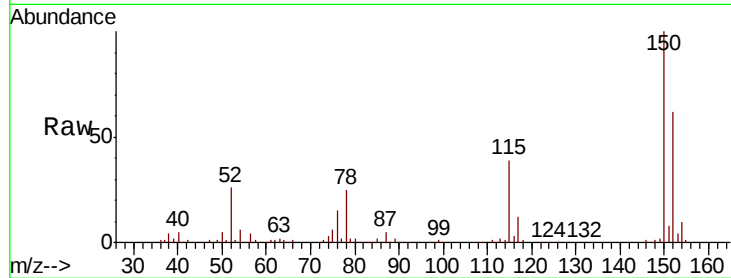
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF114489.D
 Acq: 22 May 2019 18:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.3	186.5
115	63.1	49.1	73.7

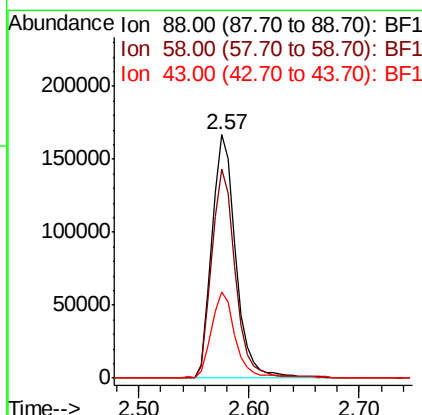
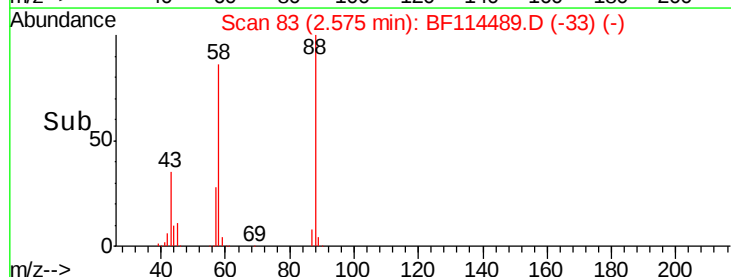
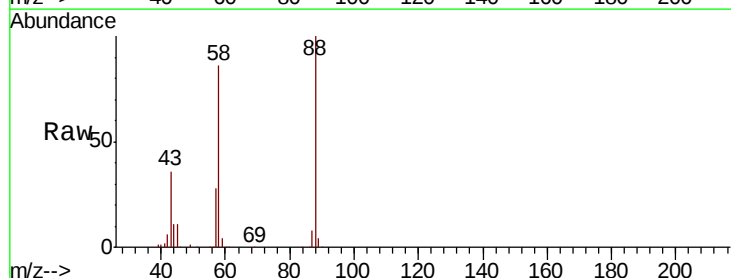
Manual Integrations
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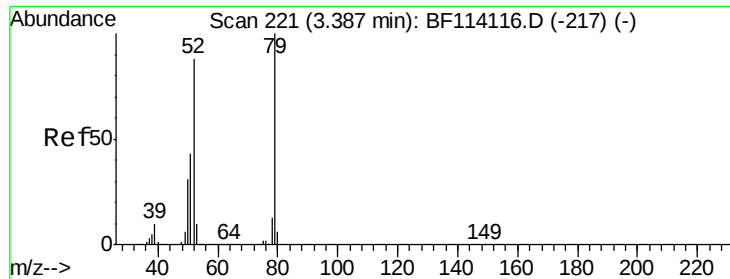
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#2
 1,4-Dioxane
 Concen: 33.524 ng
 RT: 2.57 min Scan# 83
 Delta R.T. -0.01 min
 Lab File: BF114489.D
 Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.1	68.7	103.1
43	34.7	28.2	42.2





#3

Pvridine

Concen: 33.085 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.01 min

Lab File: BF114489.D

Acq: 22 May 2019 18:02

Instrument :

BNA_F

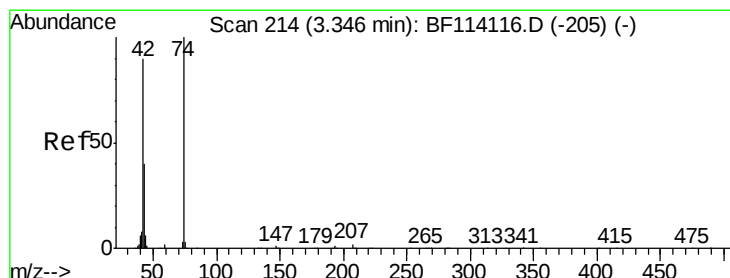
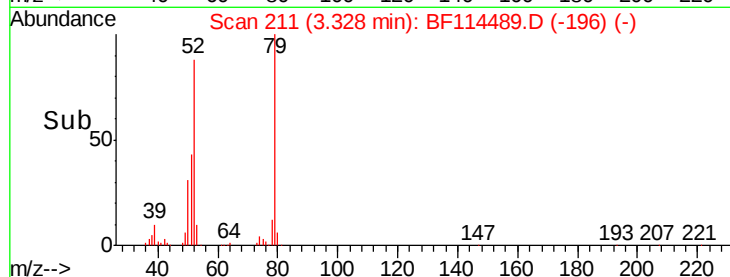
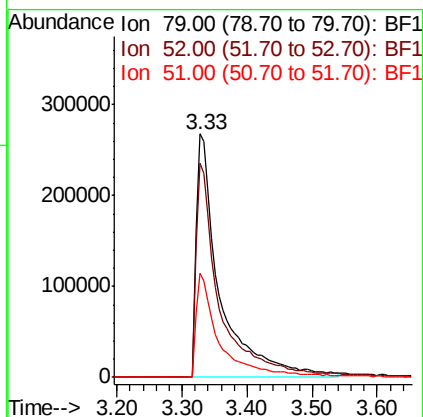
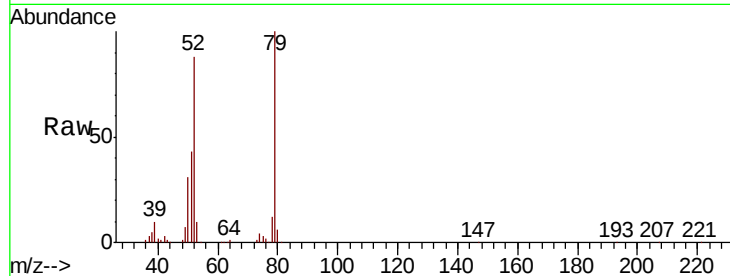
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	677856
Ion	Ratio	Lower	Upper
79	100		
52	88.1	70.6	105.8
51	42.9	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 34.348 ng

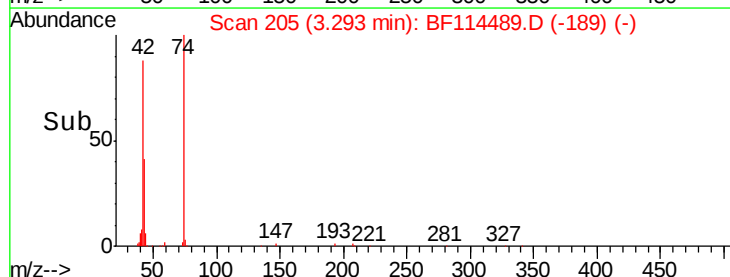
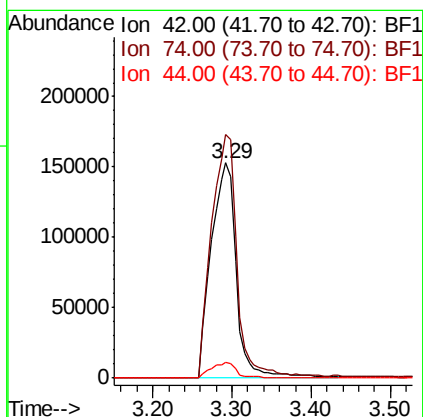
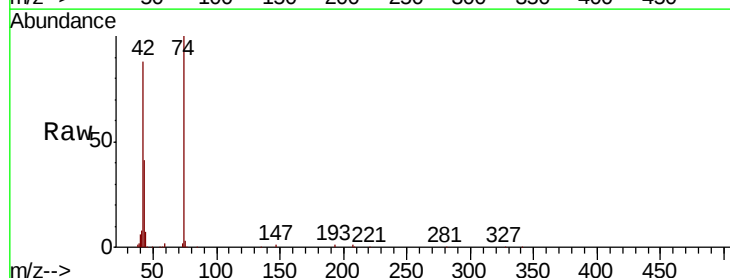
RT: 3.29 min Scan# 205

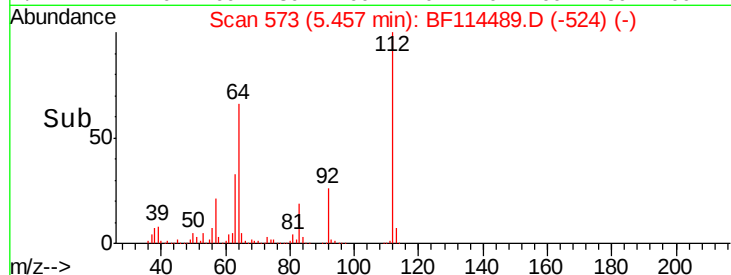
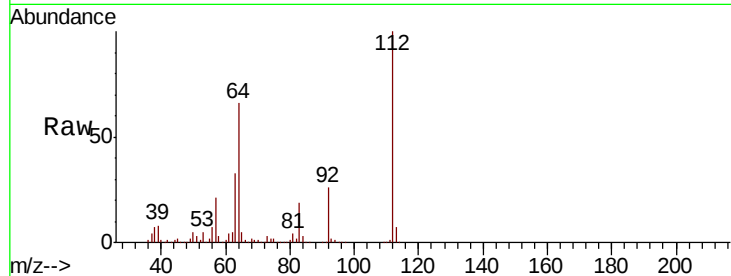
Delta R.T. -0.01 min

Lab File: BF114489.D

Acq: 22 May 2019 18:02

Tgt Ion:	42	Resp:	339361
Ion	Ratio	Lower	Upper
42	100		
74	113.1	88.6	132.8
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 76.899 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF114489.D

Acq: 22 May 2019 18:02

Tot Ion:	112	Resp:	1040360
Ion	Ratio	Lower	Upper
112	100		
64	66.3	49.0	73.6
63	33.4	24.6	37.0

Instrument :

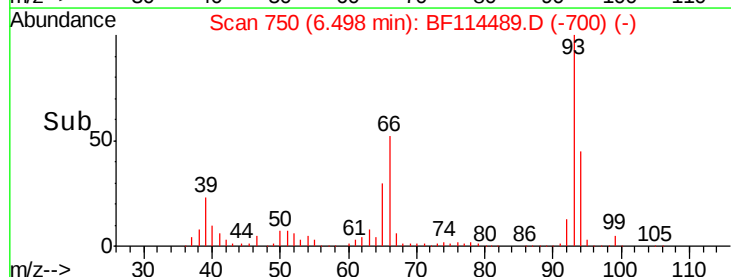
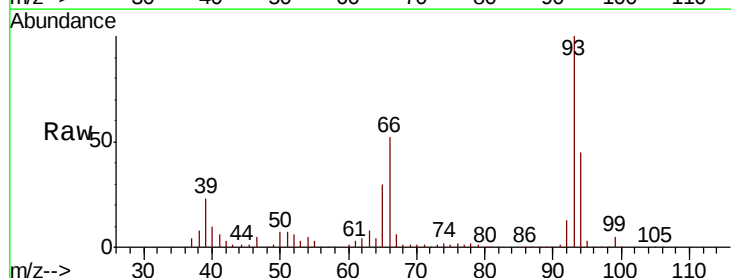
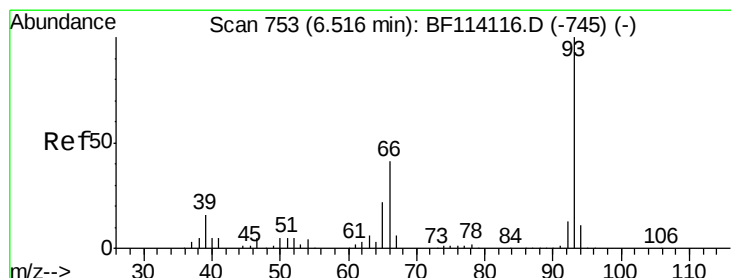
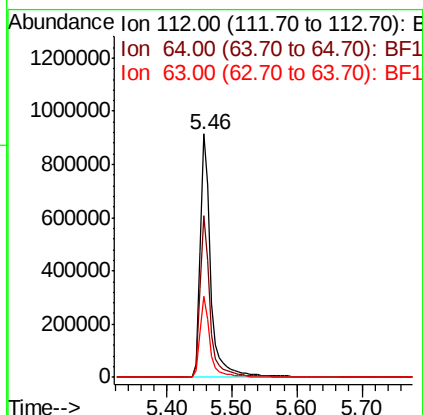
BNA_F

ClientSampleId :

SSTDCCC040

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#6

Aniline

Concen: 38.306 ng

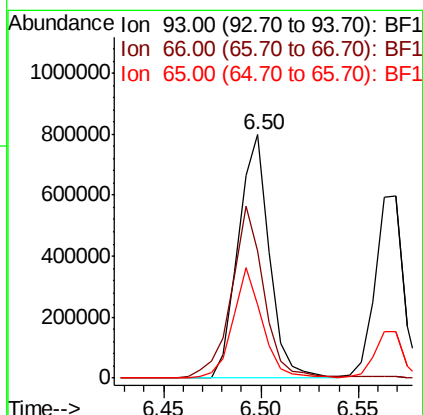
RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF114489.D

Acq: 22 May 2019 18:02

Tgt Ion:	93	Resp:	885407
Ion	Ratio	Lower	Upper
93	100		
66	52.1	33.2	49.8#
65	30.3	17.6	26.4#





#7

Phenol-d6

Concen: 80.334 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114489.D

Acq: 22 May 2019 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1285428

Ion Ratio Lower Upper

99 100

42 21.9 17.9 26.9

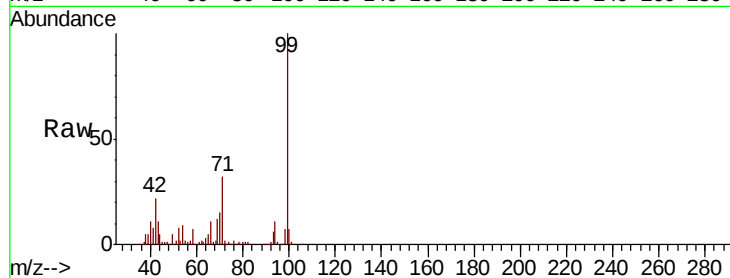
71 32.2 26.2 39.2

Manual Integrations

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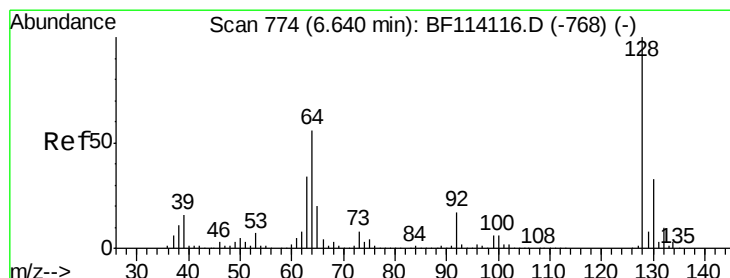
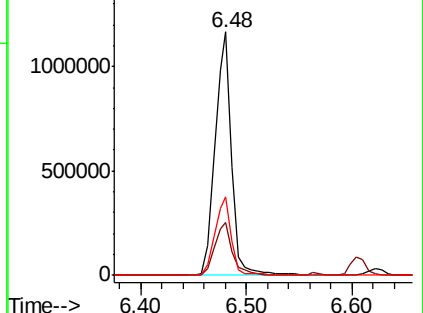
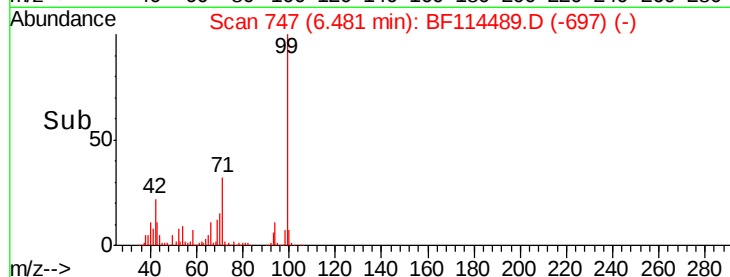
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.122 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF114489.D

Acq: 22 May 2019 18:02

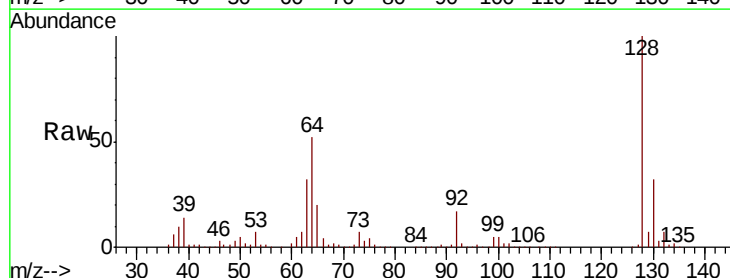
Tgt Ion:128 Resp: 593917

Ion Ratio Lower Upper

128 100

130 32.1 12.6 52.6

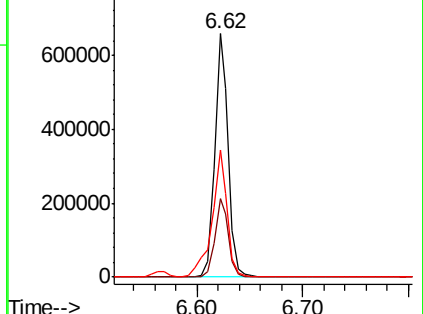
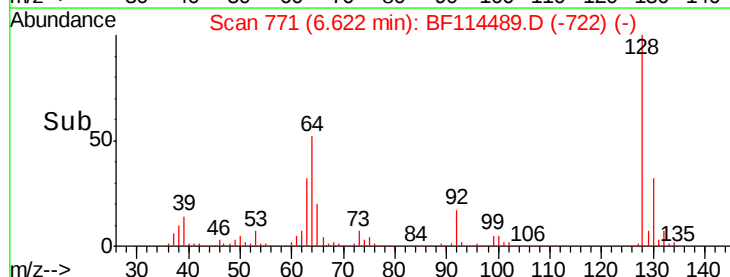
64 52.3 35.9 75.9

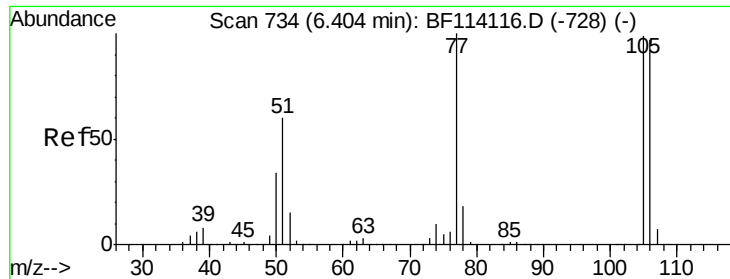


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





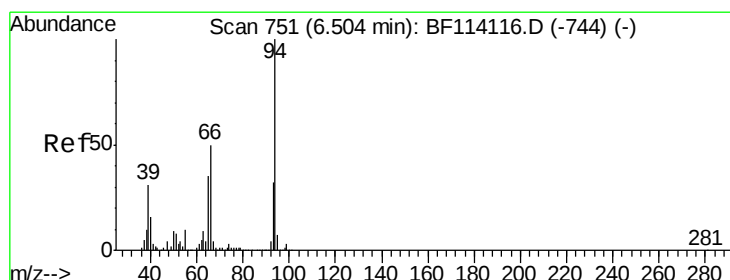
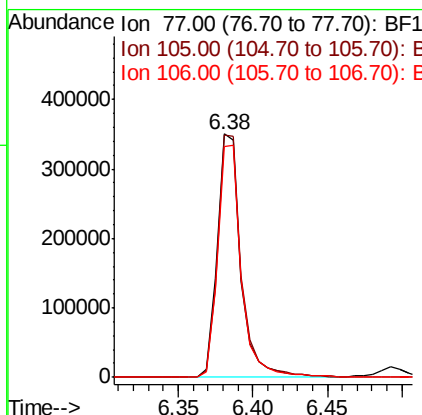
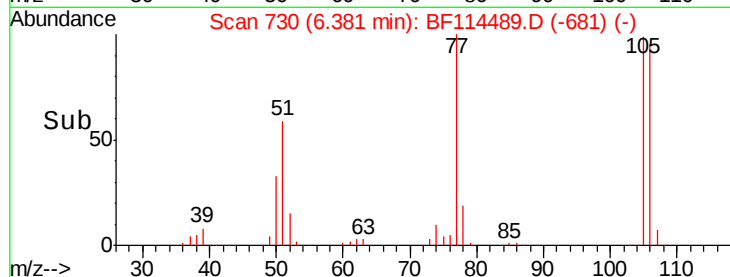
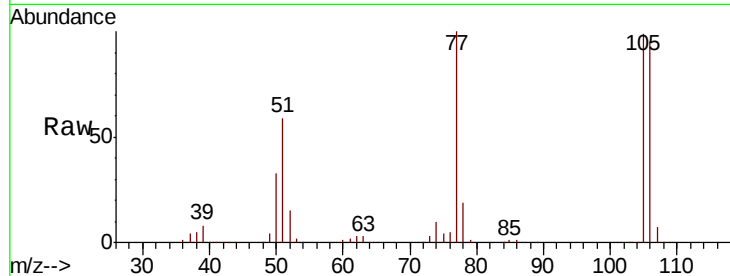
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Benzaldehyde
Concen: 34.735 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.3	79.3	119.3
106	94.7	77.0	117.0

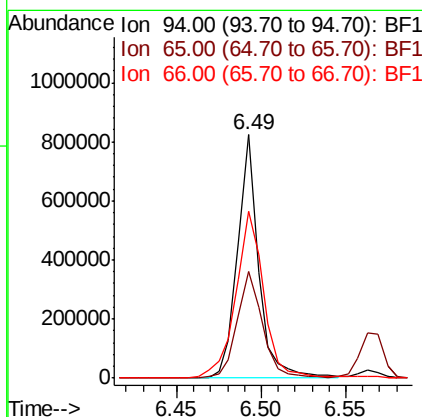
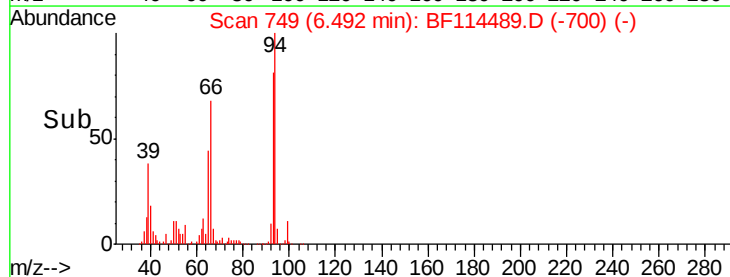
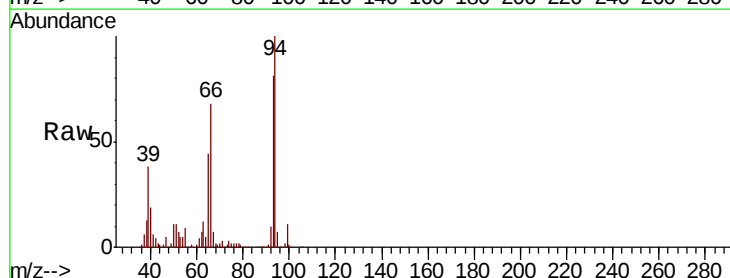
Manual Integrations
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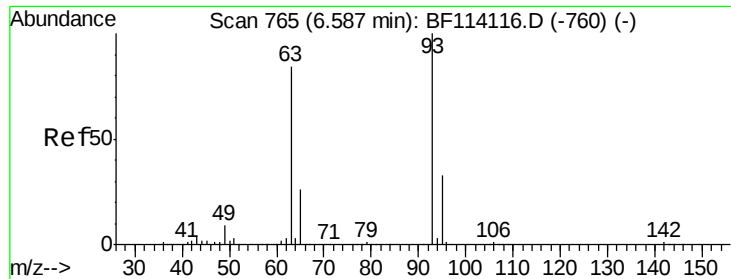
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#10
Phenol
Concen: 38.402 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Lower	Upper
94	100		
65	44.0	14.7	54.7
66	68.3	29.6	69.6





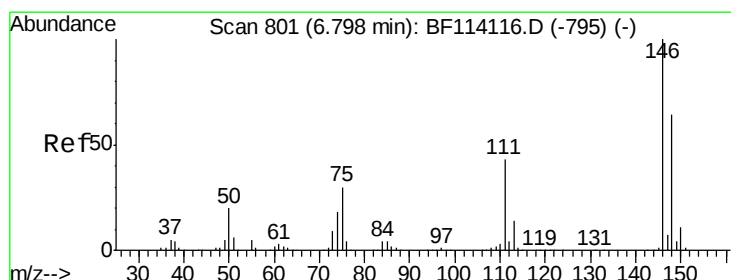
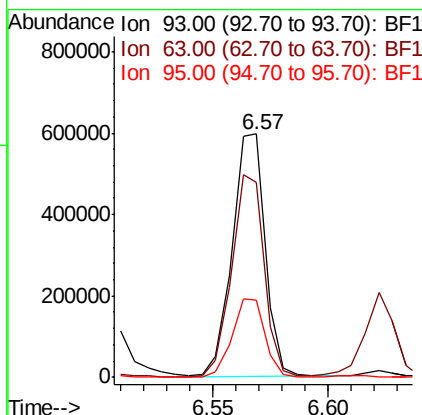
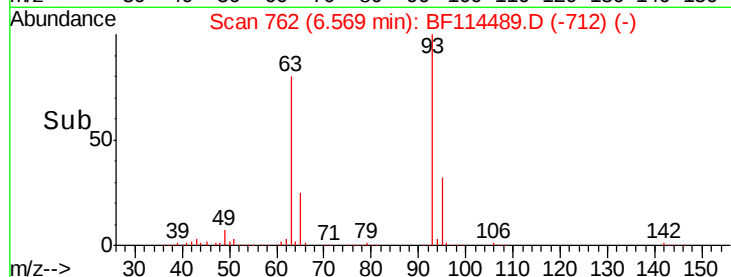
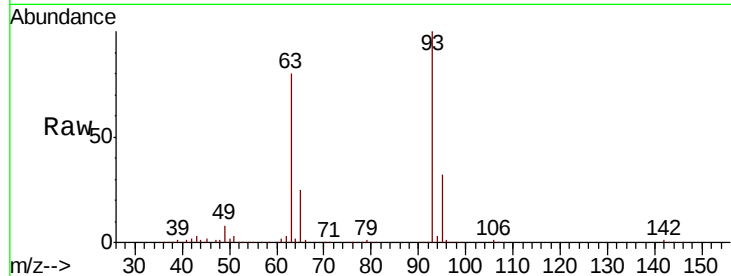
#11
bis(2-Chloroethyl)ether
Concen: 41.478 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	592730		
63	79.9		63.6	103.6
95	31.9		13.1	53.1

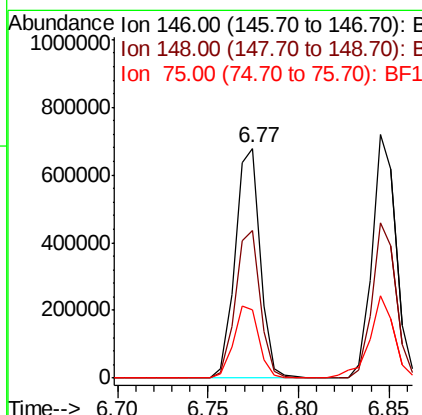
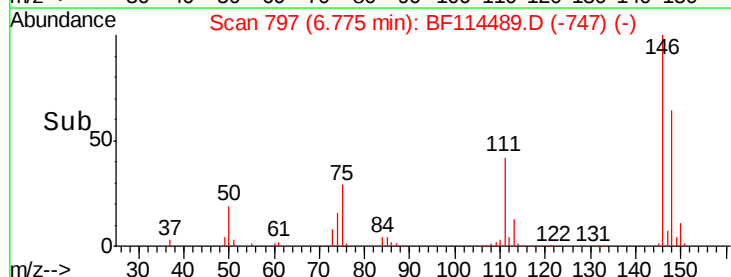
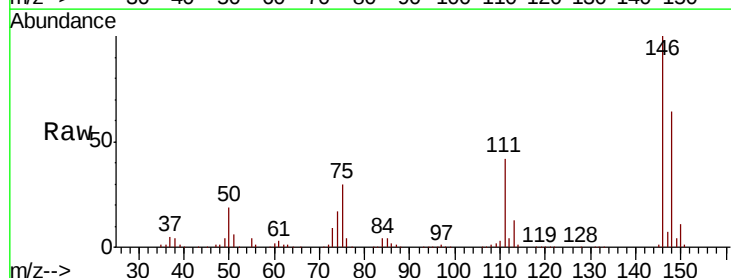
Manual Integrations
APPROVED

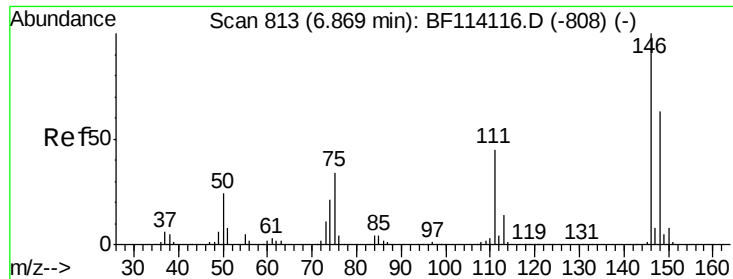
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.341 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	654012		
148	64.3		51.6	77.4
75	29.6		24.2	36.2





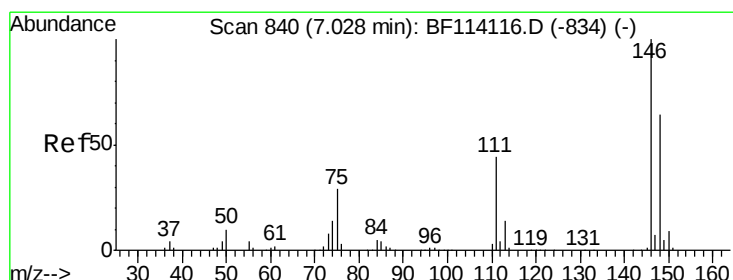
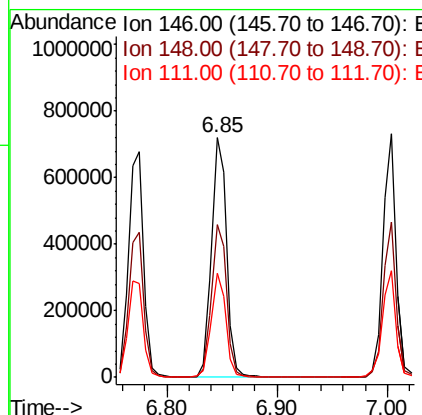
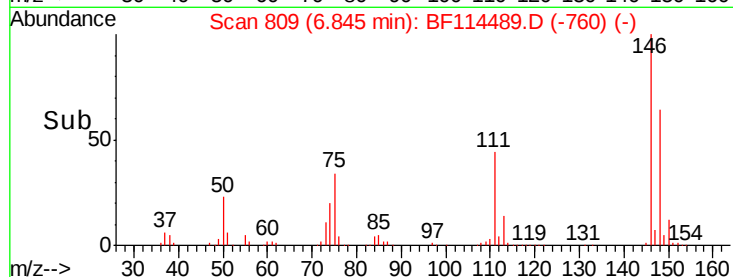
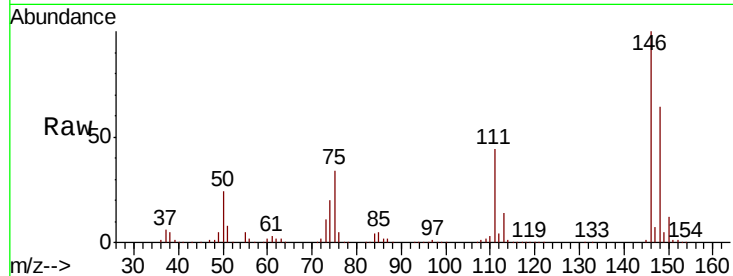
#13
 1,4-Dichlorobenzene
 Concen: 40.572 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF114489.D
 Acq: 22 May 2019 18:02

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.2	75.2
111	43.7	35.8	53.6

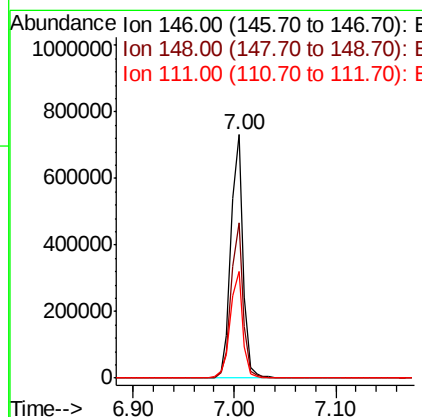
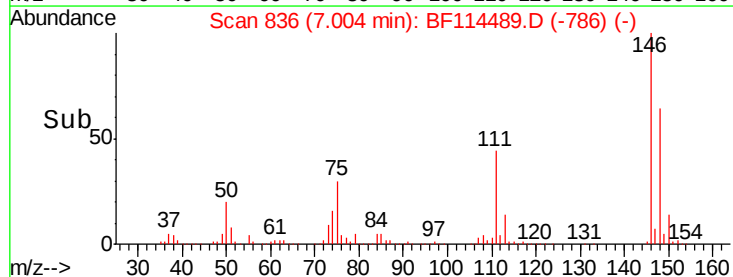
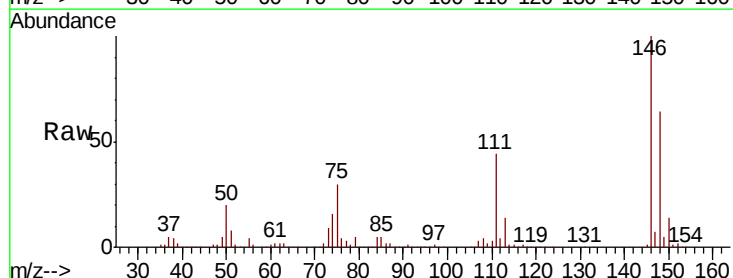
Manual Integrations
 APPROVED

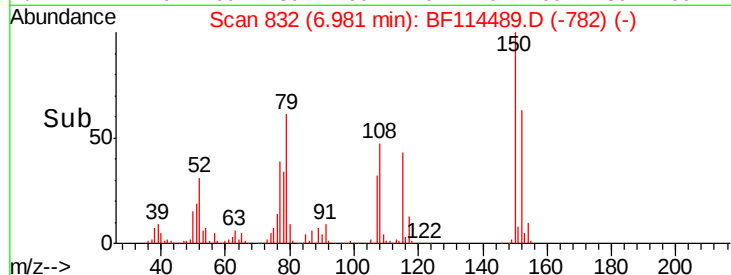
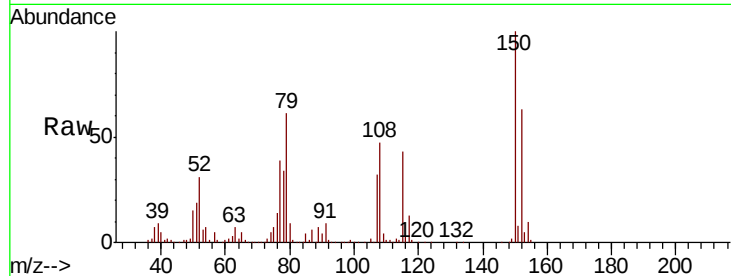
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.838 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF114489.D
 Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	43.6	35.3	52.9





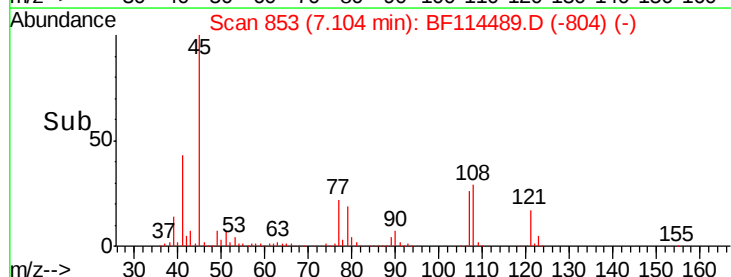
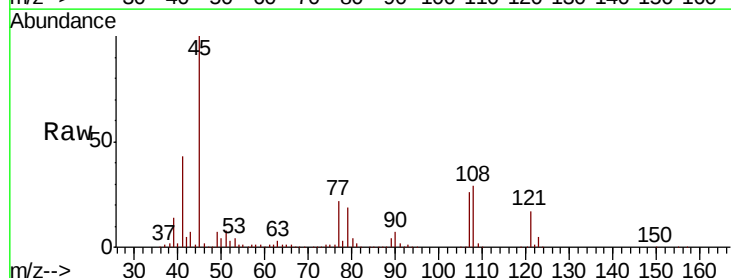
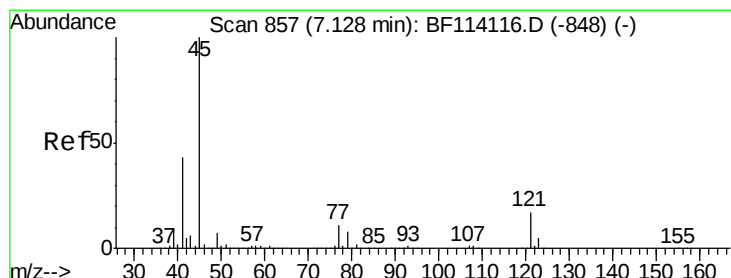
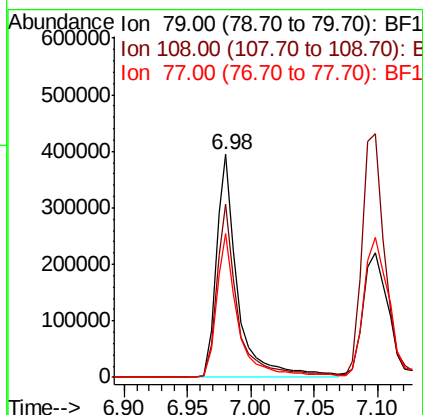
#15
Benzyl Alcohol
Concen: 37.391 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.0	62.1	93.1
77	64.8	51.0	76.6

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

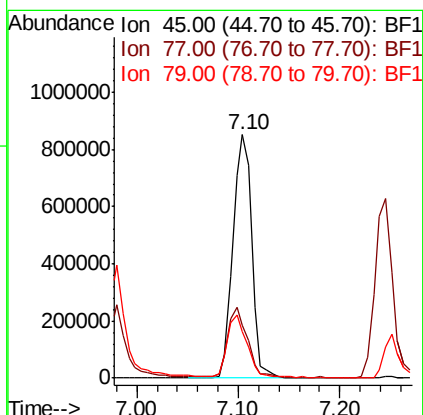
Manual Integrations
APPROVED

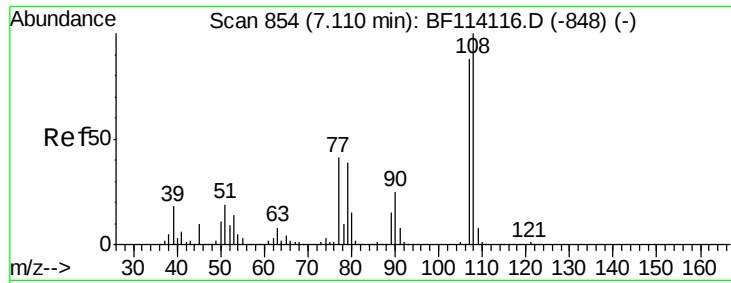
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.523 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.9	0.0	31.1
79	19.1	0.0	28.4





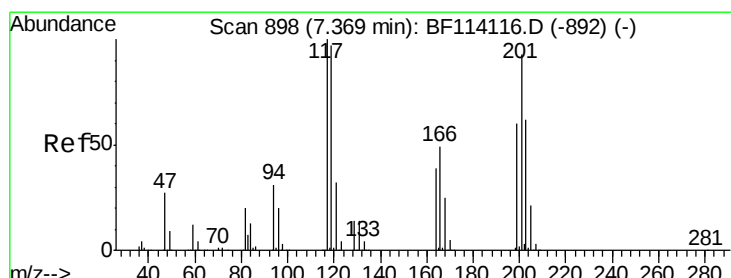
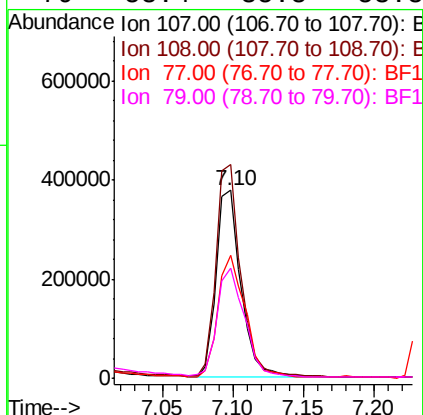
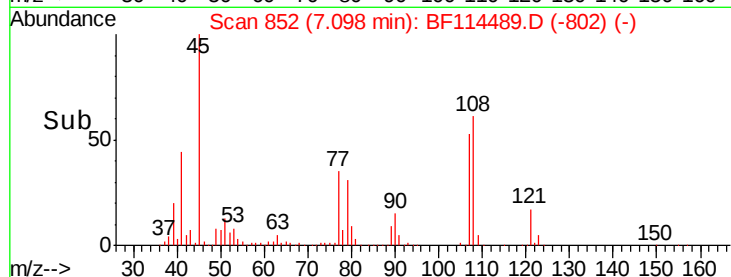
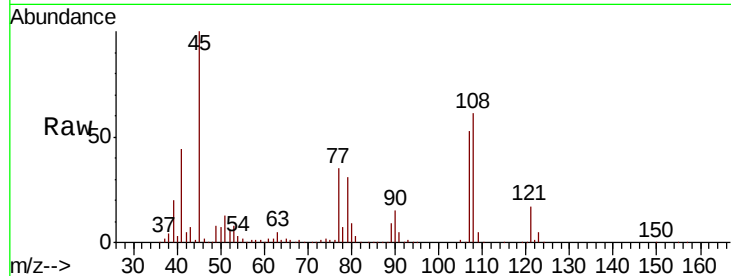
#17
2-Methylphenol
Concen: 38.981 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	90.5	135.7	
77	65.3	37.0	55.4	
79	58.4	35.8	53.8	

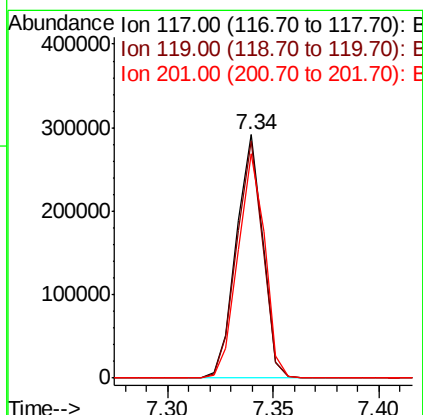
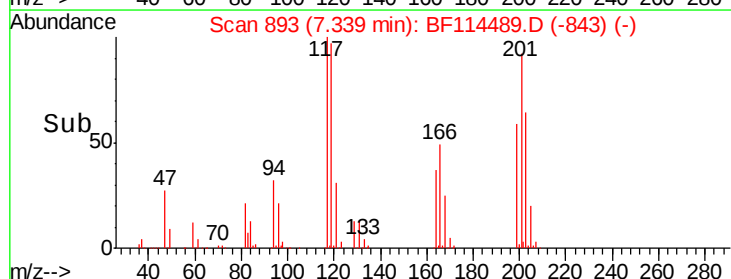
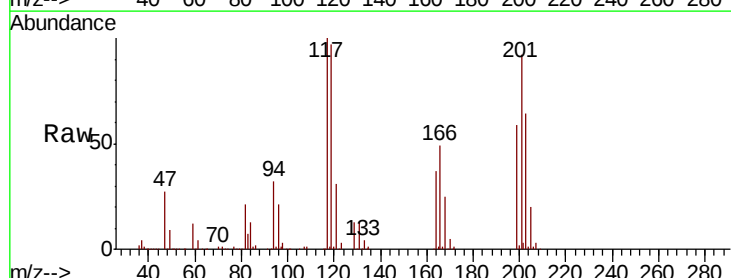
Manual Integrations
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#18
Hexachloroethane
Concen: 41.034 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	77.4	116.2	
201	92.3	74.5	111.7	





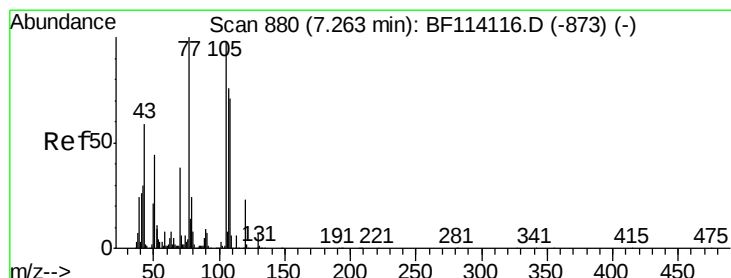
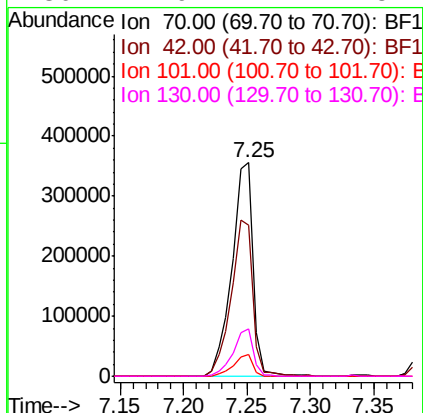
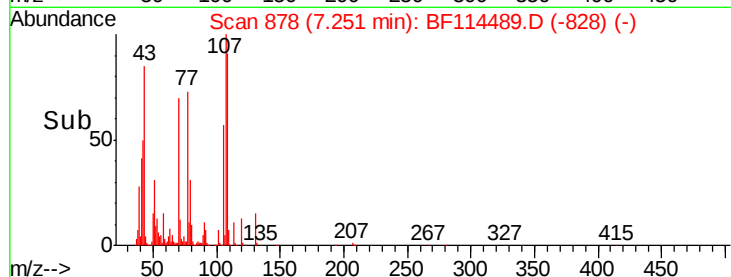
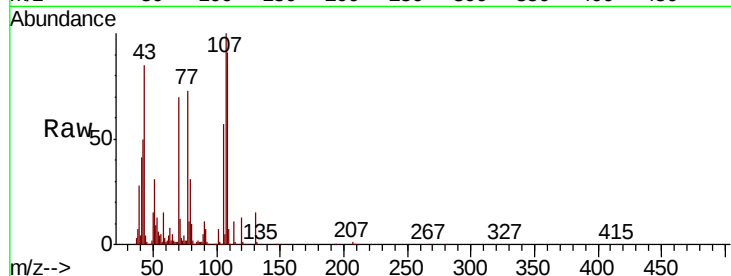
#19
n-Nitroso-di-n-propylamine
Concen: 40.144 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.5	58.6	87.8
101	10.2	7.8	11.8
130	21.9	17.1	25.7

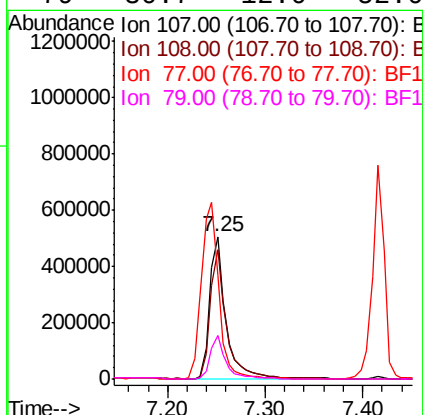
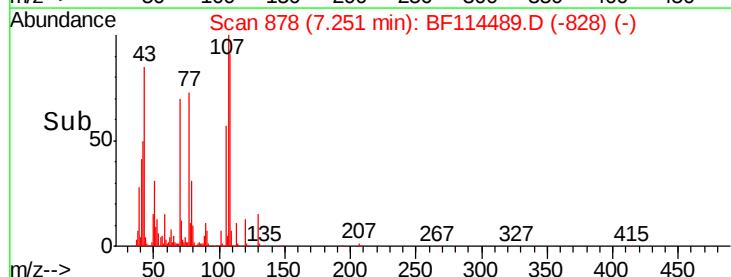
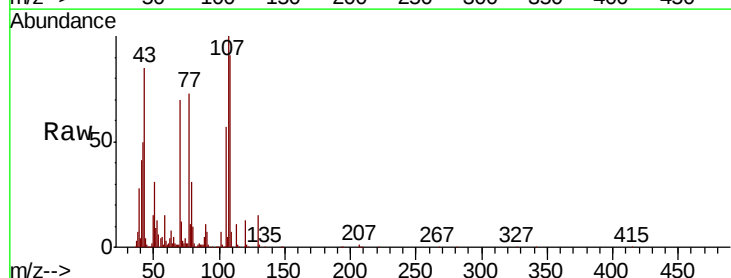
Manual Integrations
APPROVED

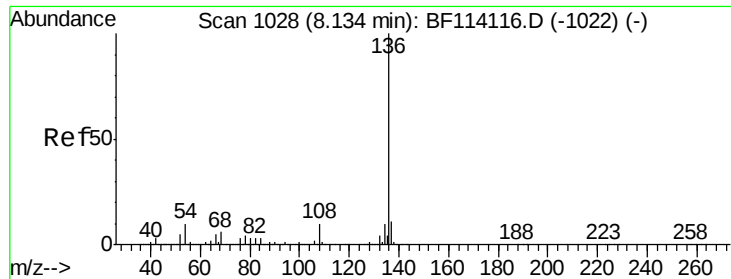
mohammad
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#20
3+4-Methylphenols
Concen: 42.145 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	73.8	113.8
77	73.0	111.5	151.5#
79	30.7	12.0	52.0





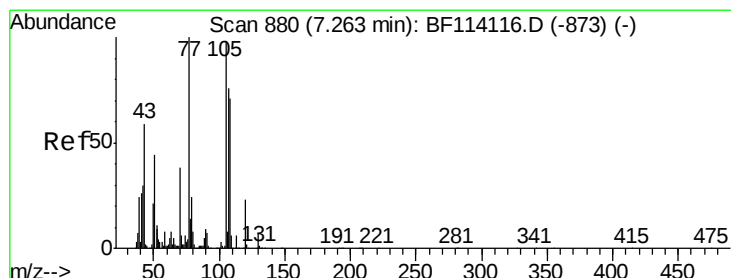
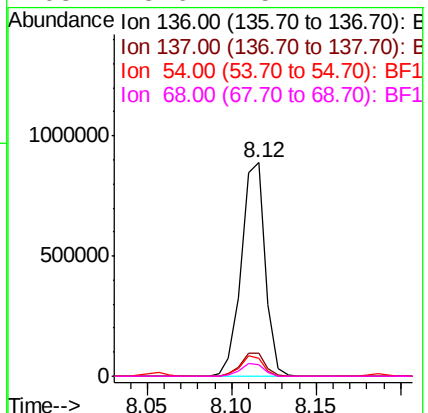
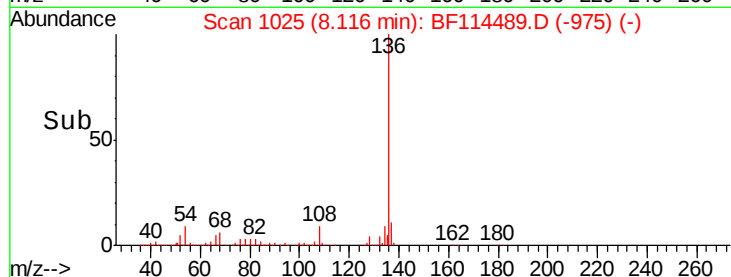
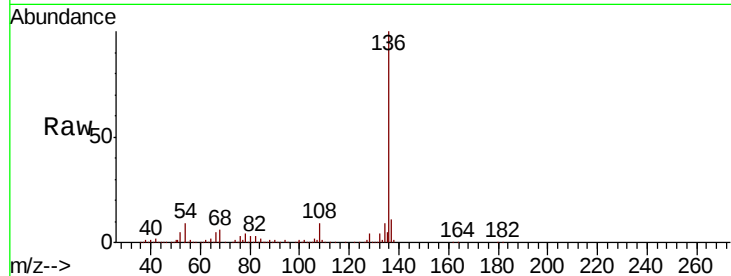
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	877504		
137	11.0		8.8	13.2
54	8.6		7.8	11.8
68	5.6		5.1	7.7

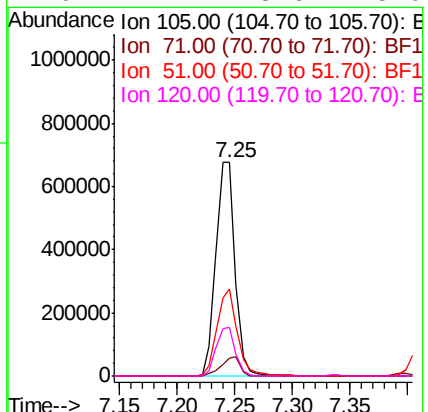
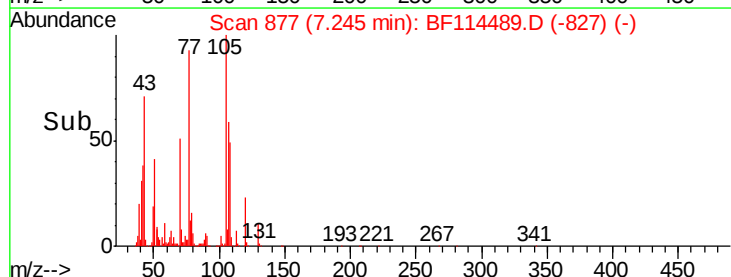
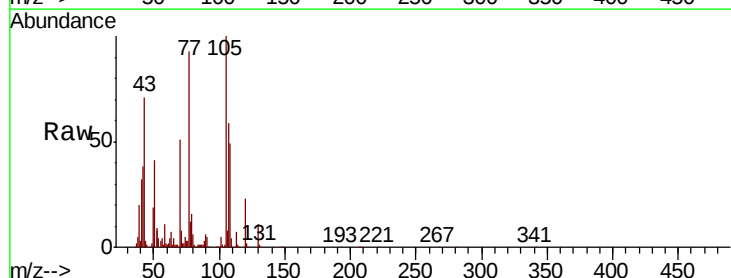
Manual Integrations
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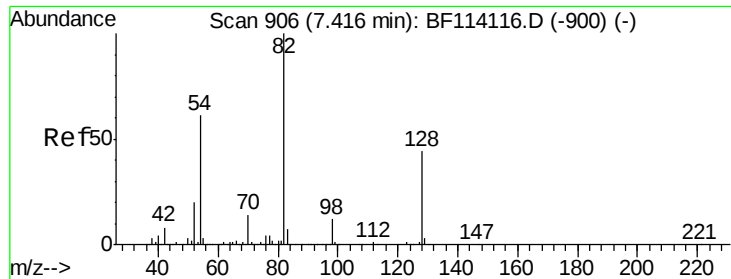
mohammad
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#22
Acetophenone
Concen: 40.173 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	780946		
71	8.5		5.3	7.9#
51	40.7		36.2	54.4
120	22.7		18.6	28.0





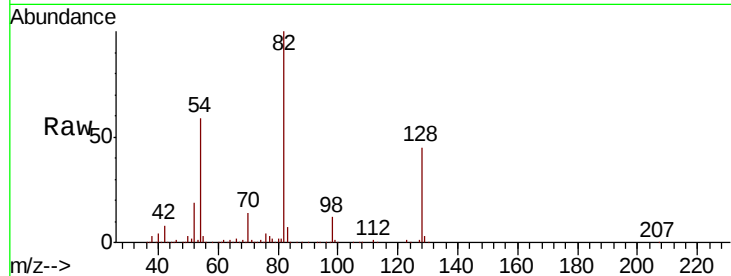
#23
Nitrobenzene-d5
Concen: 80.111 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

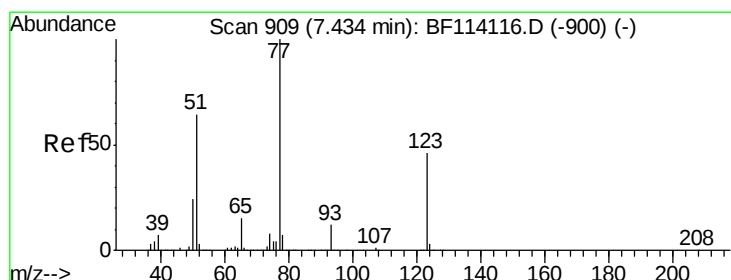
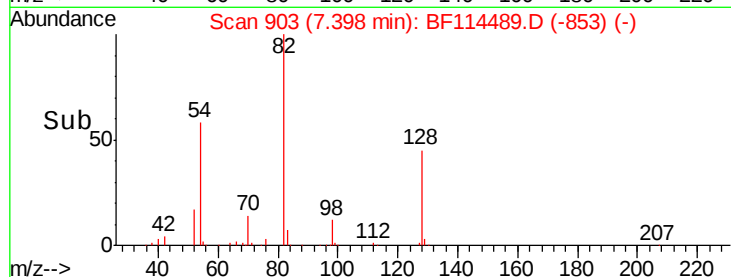
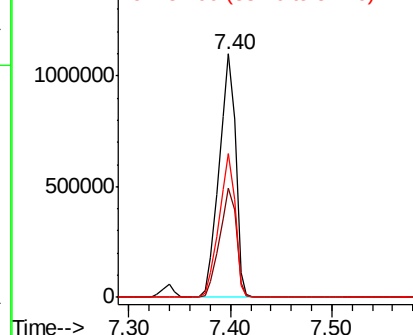
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.5	53.3
54	59.3	48.5	72.7

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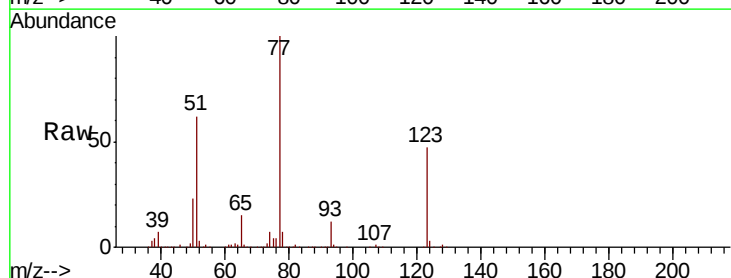


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

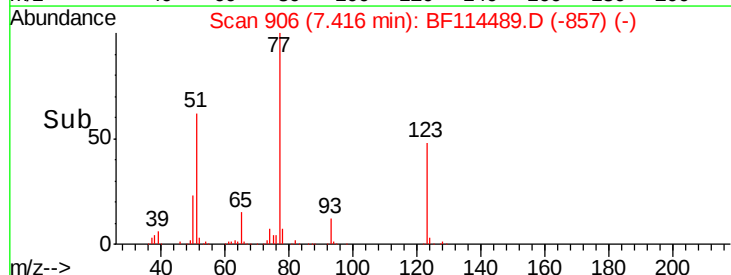
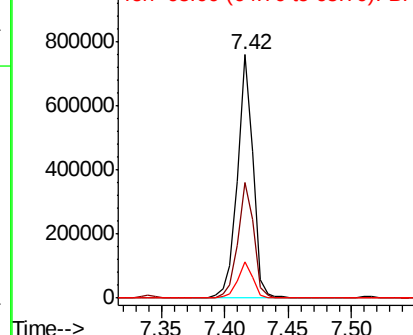


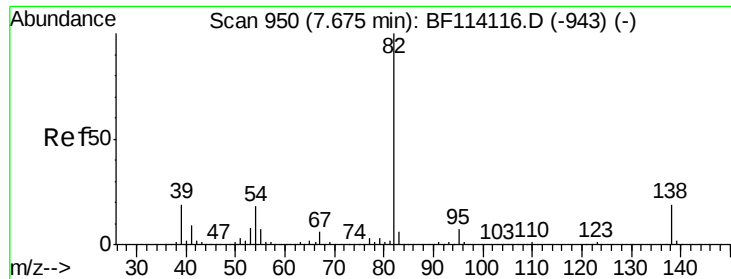
#24
Nitrobenzene
Concen: 39.891 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	36.9	55.3
65	14.8	11.8	17.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.523 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF114489.D

Acq: 22 May 2019 18:02

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion: 82 Resp: 1146133

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

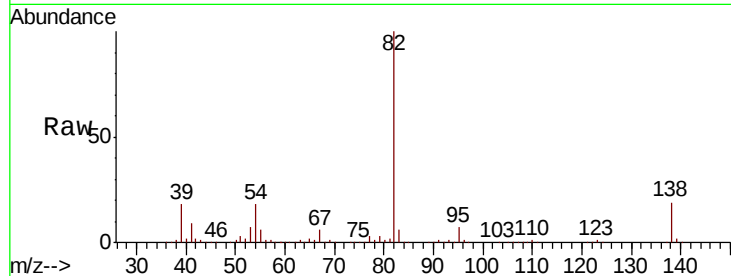
138 18.6 14.8 22.2

Manual Integrations

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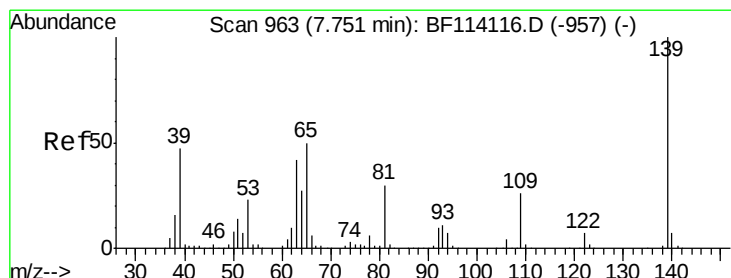
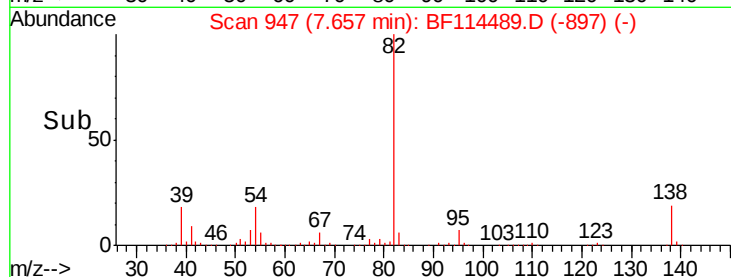
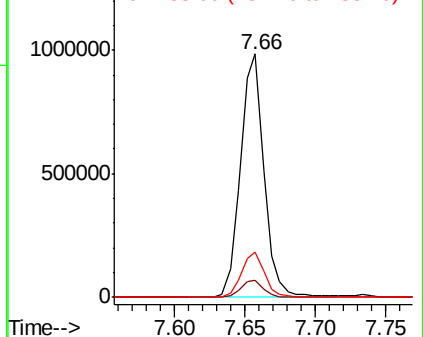
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.152 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF114489.D

Acq: 22 May 2019 18:02

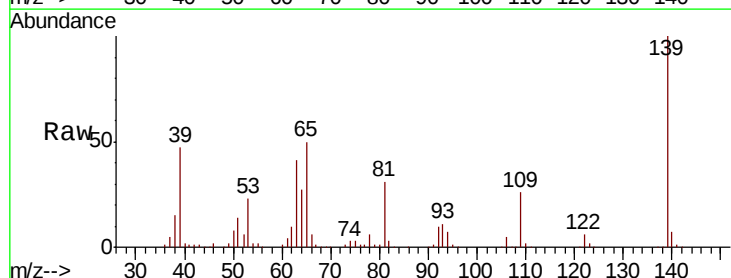
Tgt Ion: 139 Resp: 325686

Ion Ratio Lower Upper

139 100

109 26.4 20.7 31.1

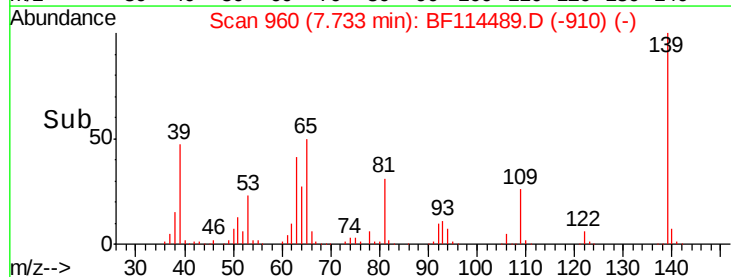
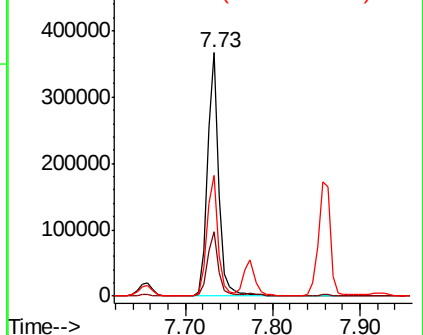
65 49.8 40.2 60.2

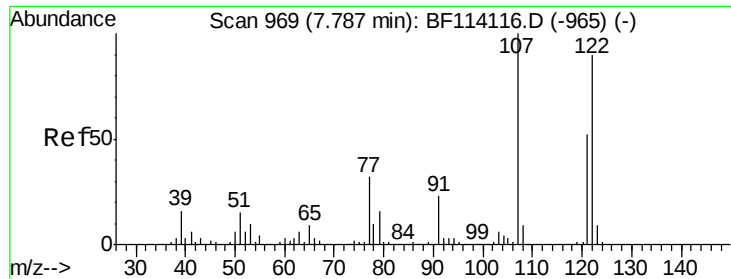


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.113 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF114489.D

Acq: 22 May 2019 18:02

Instrument :

BNA_F

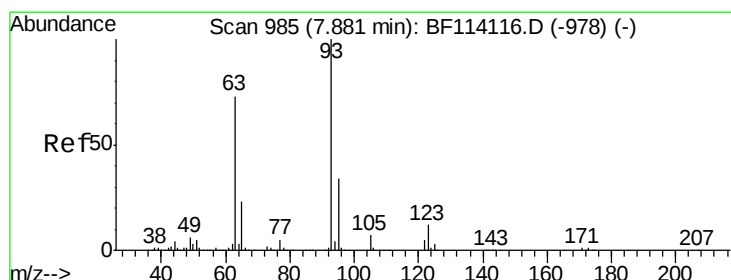
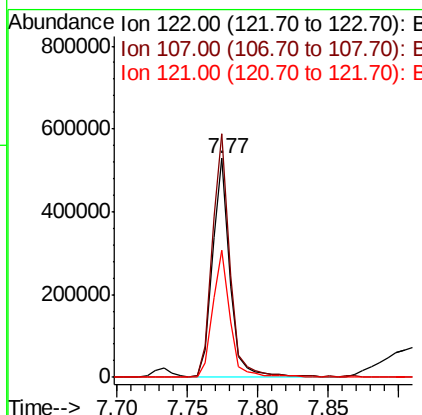
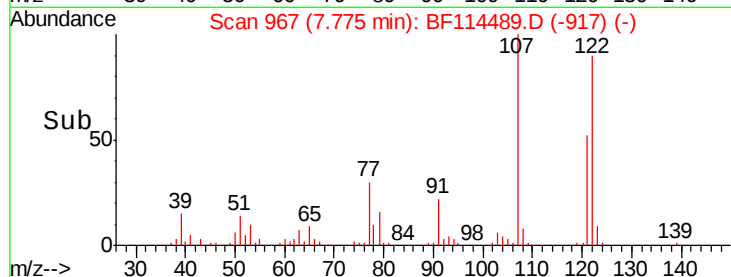
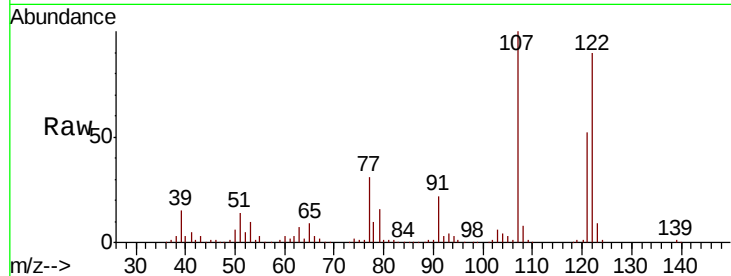
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	450370
Ion Ratio	Lower	Upper	
122	100		
107	111.1	88.4	132.6
121	57.9	45.9	68.9

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#28

bis(2-Chloroethoxy)methane

Concen: 40.438 ng

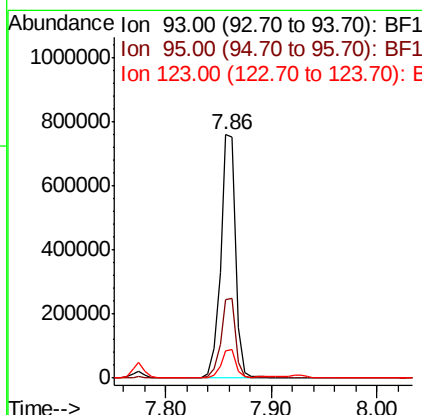
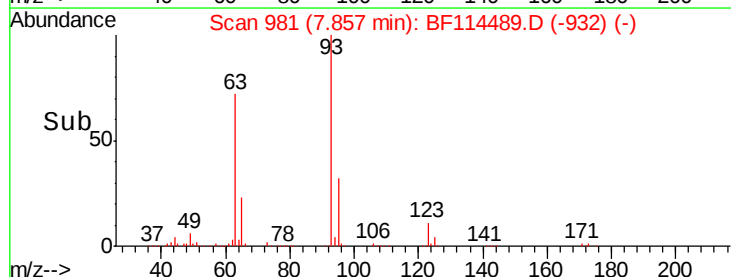
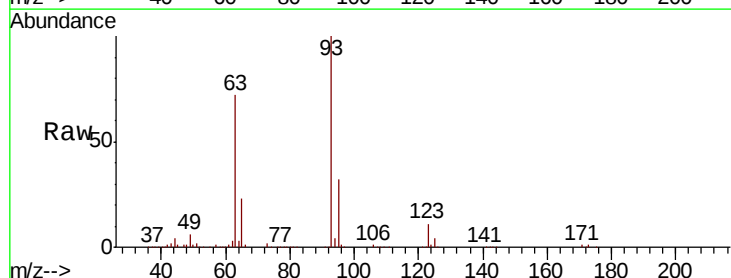
RT: 7.86 min Scan# 981

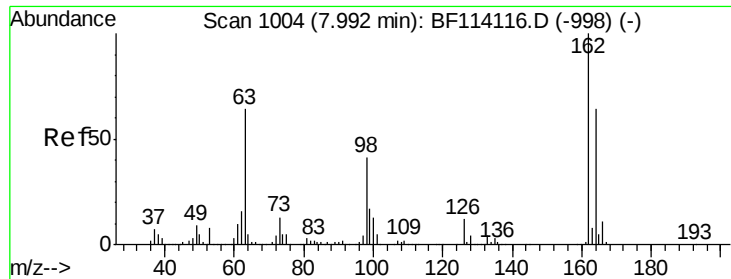
Delta R.T. -0.01 min

Lab File: BF114489.D

Acq: 22 May 2019 18:02

Tgt Ion:	93	Resp:	760872
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.8	40.2
123	11.0	9.5	14.3





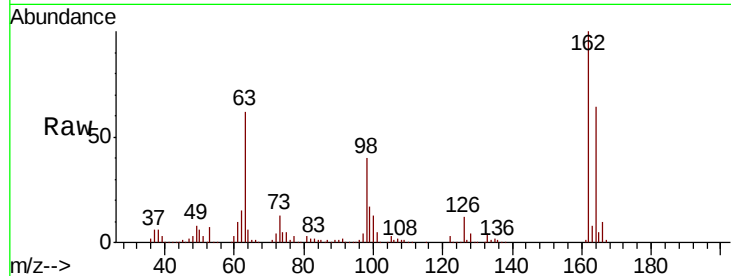
#29
2,4-Dichlorophenol
Concen: 41.379 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	500008		
164	63.8		43.6	83.6
98	39.6		20.6	60.6

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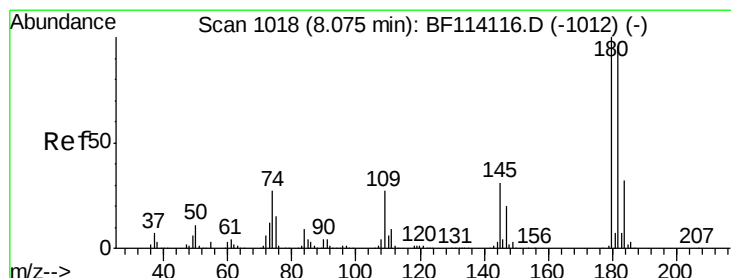
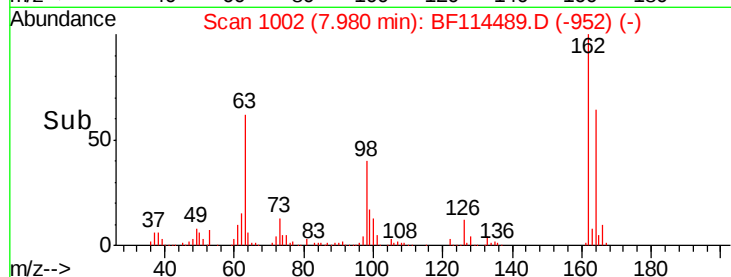
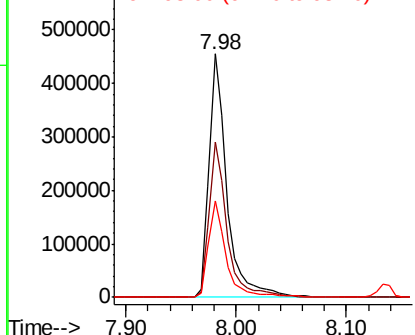


Abundance

Ion 162.00 (161.70 to 162.70): E

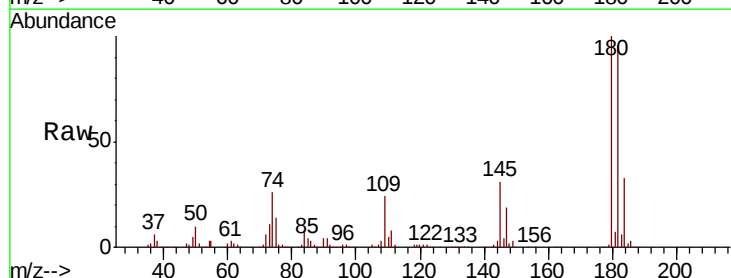
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.926 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	548610		
182	95.7		76.6	114.8
145	30.9		25.1	37.7

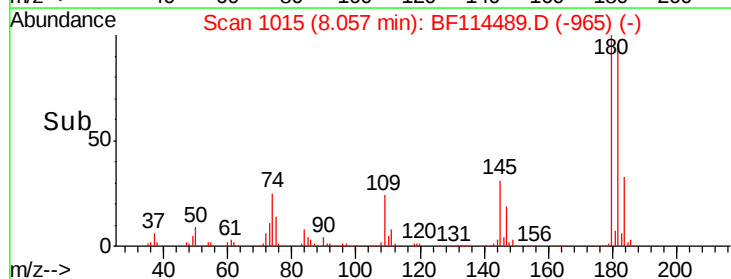
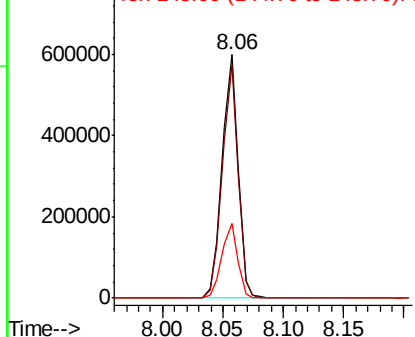


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





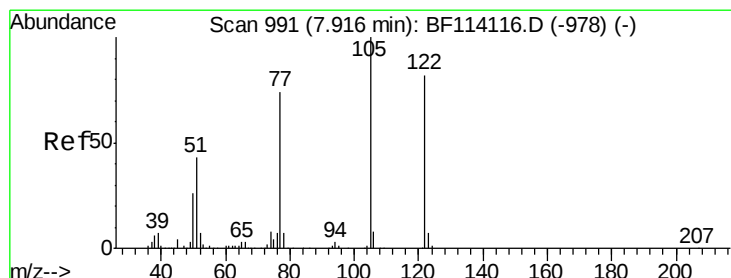
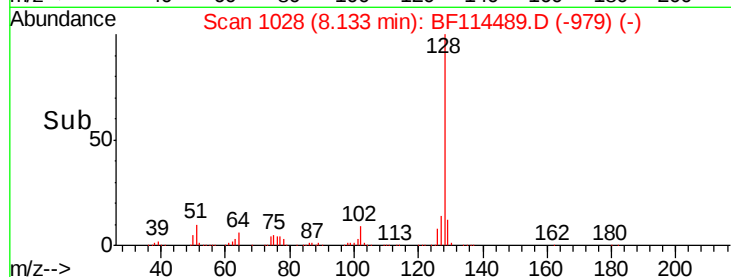
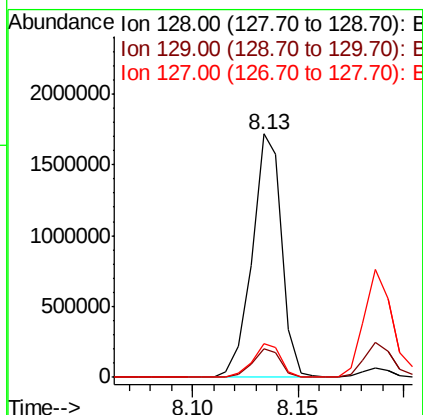
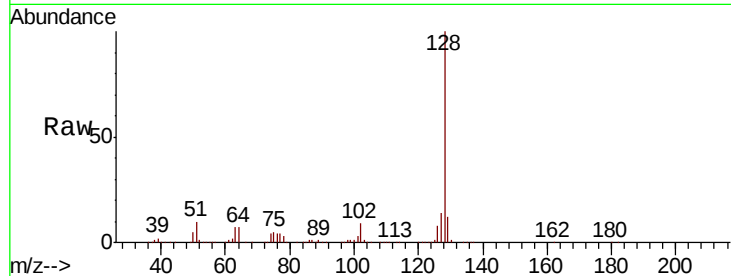
#31
Naphthalene
Concen: 40.746 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.6	14.4
127	13.6	11.3	16.9

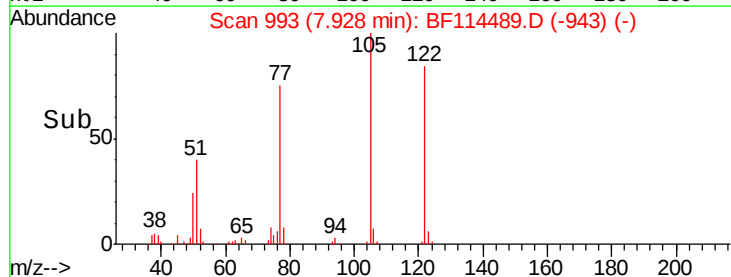
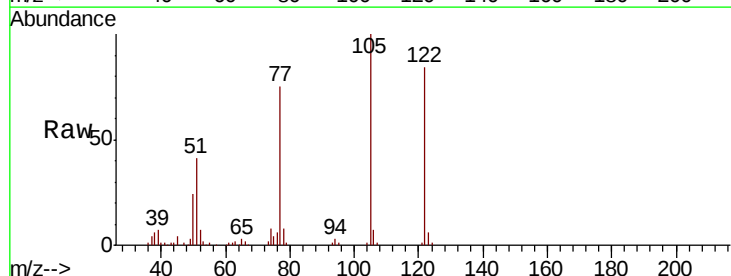
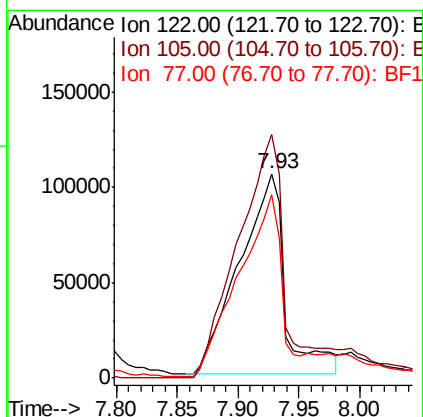
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#32
Benzoic acid
Concen: 34.300 ng m
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.1	99.9	139.9
77	89.5	69.4	109.4





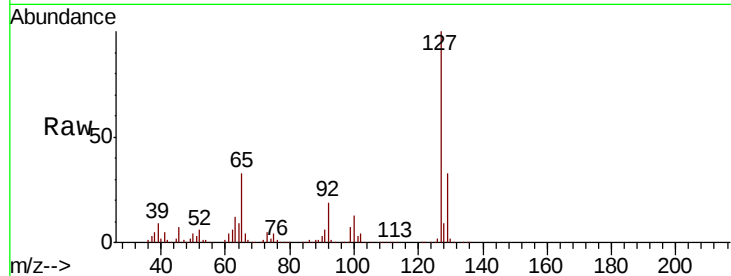
#33
4-Chloroaniline
Concen: 40.886 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.1	26.7	40.1	
65	33.4	25.4	38.0	
92	19.4	15.4	23.2	

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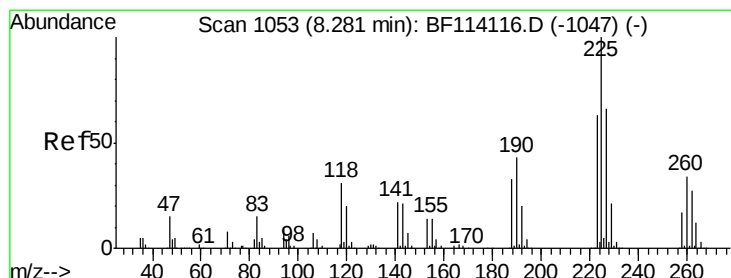
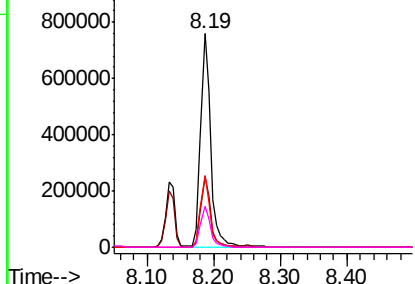
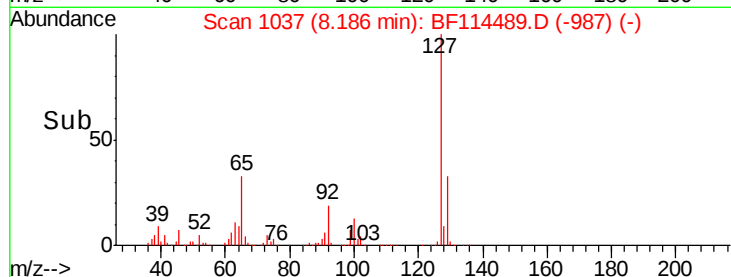
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

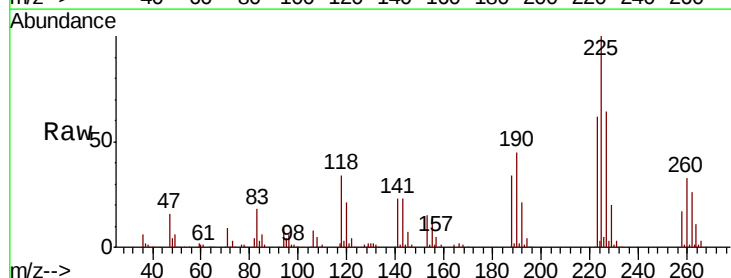
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.553 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	50.2	75.2	
227	64.3	52.6	79.0	

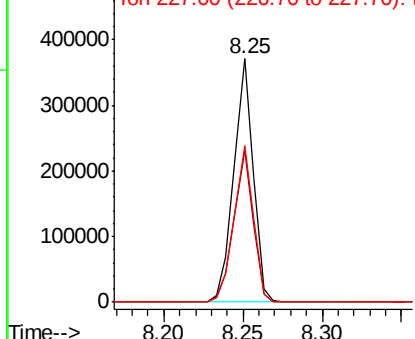
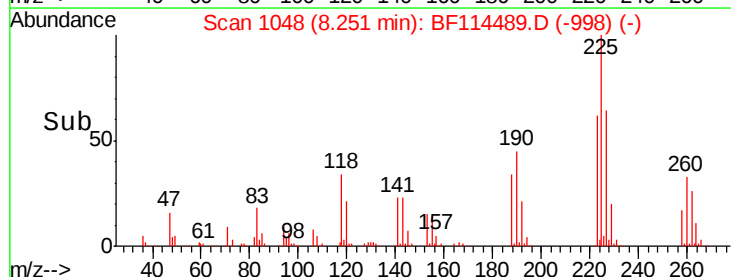


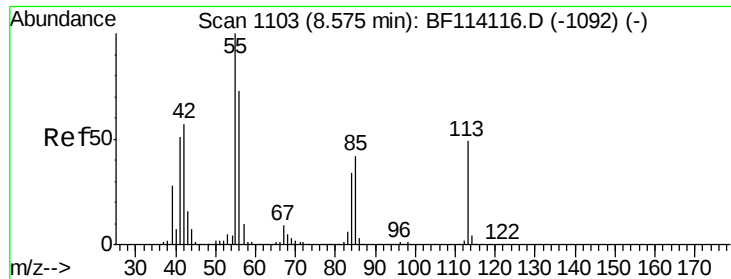
Abundance

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: 42.532 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF114489.D

Acq: 22 May 2019 18:02

Instrument :

BNA_F

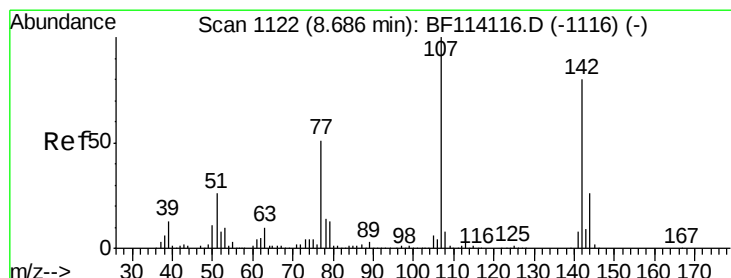
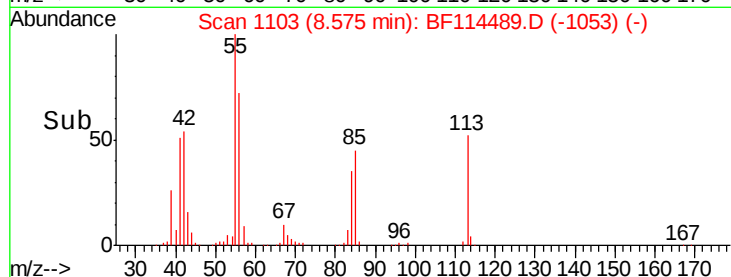
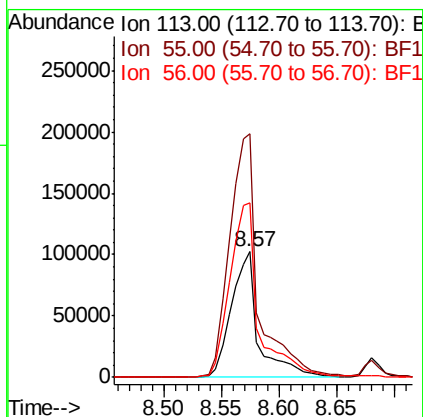
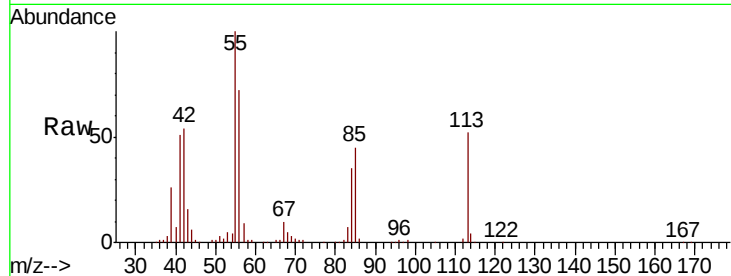
ClientSampled :

SSTDCCC040

Tot Ion:	113	Resp:	167585
Ion Ratio	Lower	Upper	
113	100		
55	193.6	183.5	223.5
56	138.6	128.8	168.8

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#36

4-Chloro-3-methylphenol

Concen: 42.670 ng

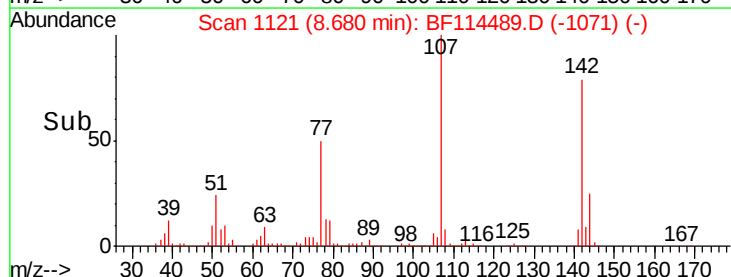
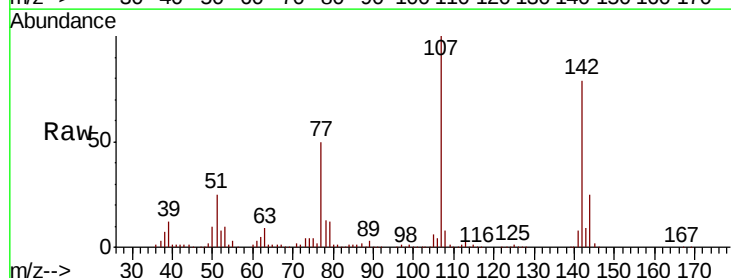
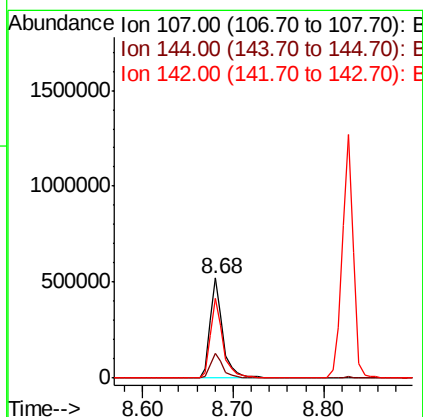
RT: 8.68 min Scan# 1121

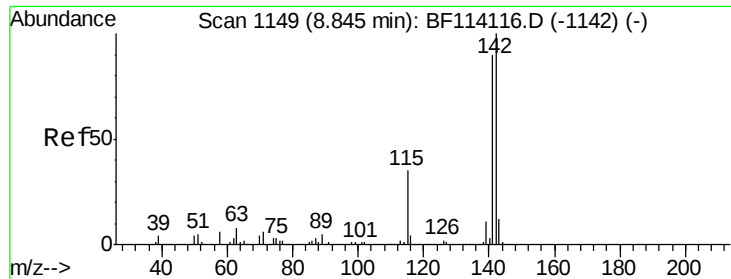
Delta R.T. -0.01 min

Lab File: BF114489.D

Acq: 22 May 2019 18:02

Tgt Ion:	107	Resp:	519001
Ion Ratio	Lower	Upper	
107	100		
144	25.3	20.4	30.6
142	79.3	64.2	96.4





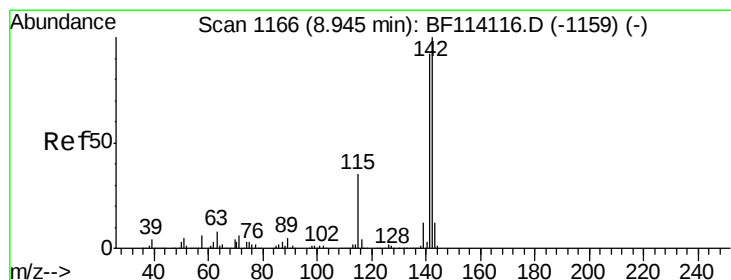
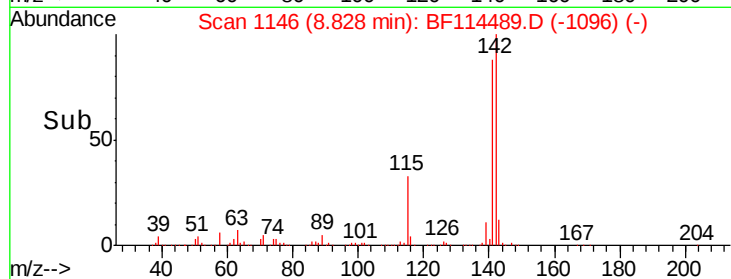
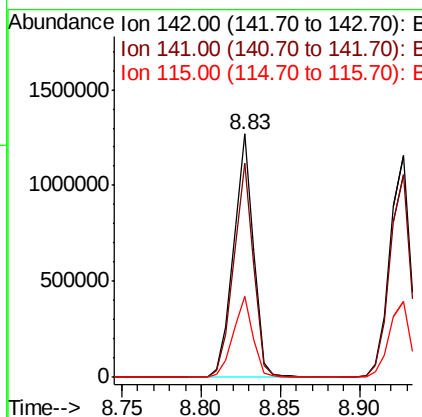
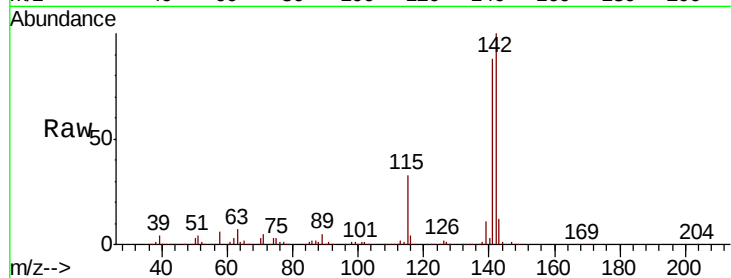
#37
2-Methylnaphthalene
Concen: 41.970 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.1	108.1
115	33.2	28.0	42.0

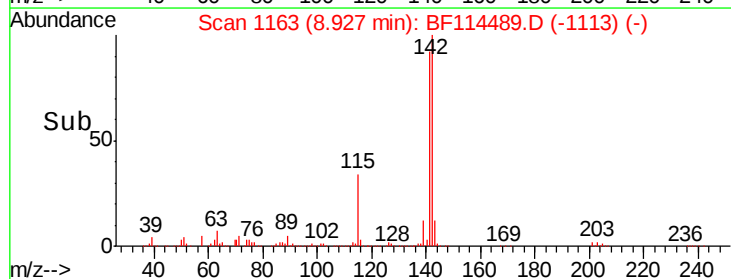
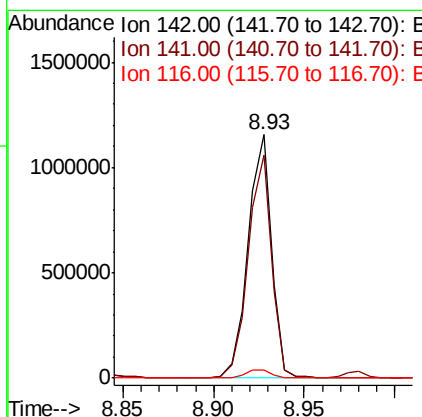
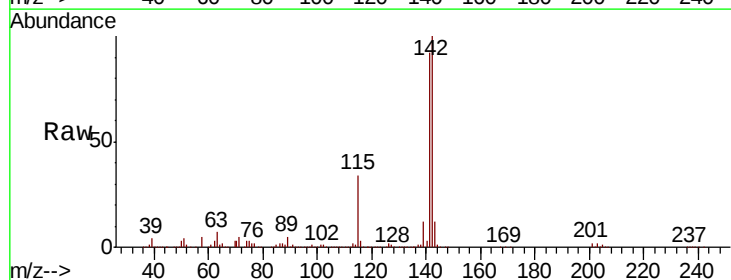
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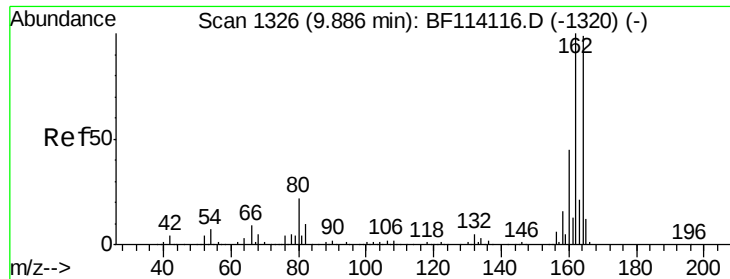
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#38
1-Methylnaphthalene
Concen: 41.514 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.4	110.0
116	3.5	3.1	4.7





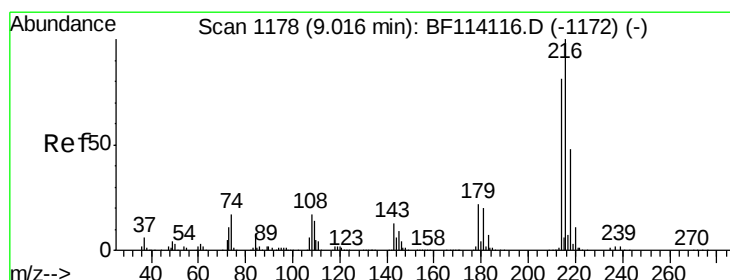
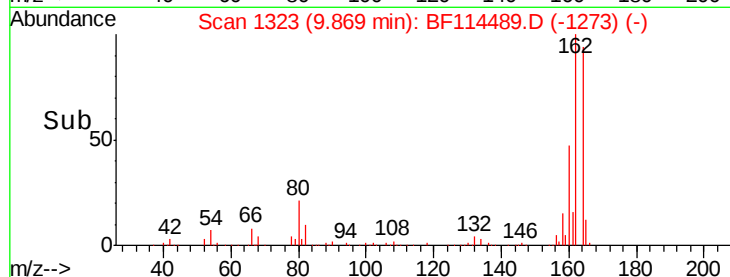
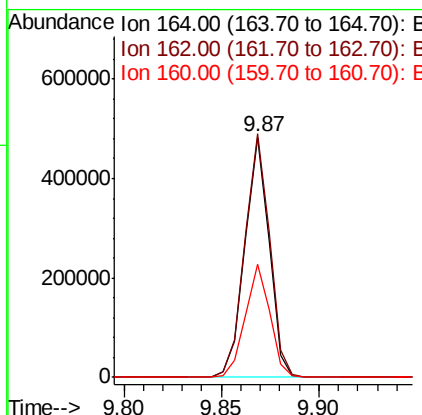
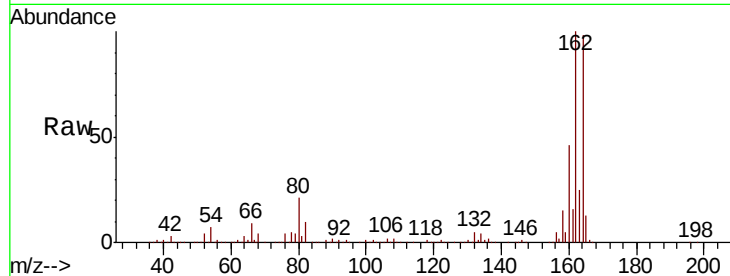
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.6	80.6	120.8	
160	47.2	36.5	54.7	

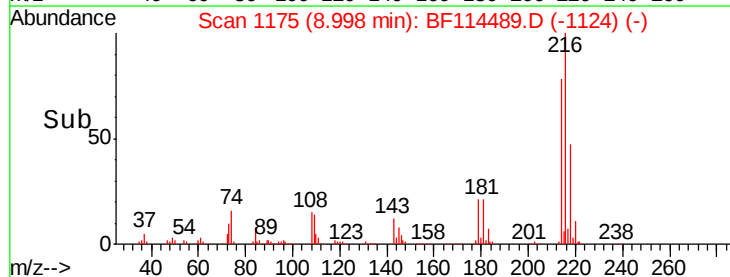
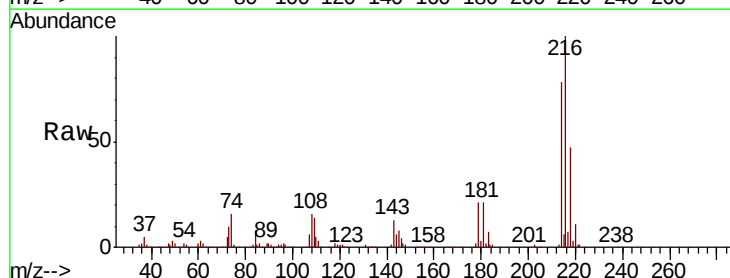
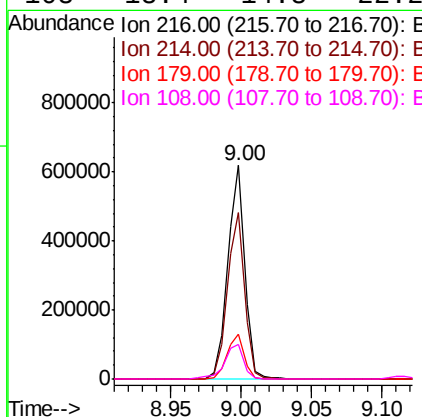
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.762 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.9	95.9	
179	21.0	17.0	25.6	
108	18.4	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 36.272 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF114489.D

Acq: 22 May 2019 18:02

Instrument :

BNA_F

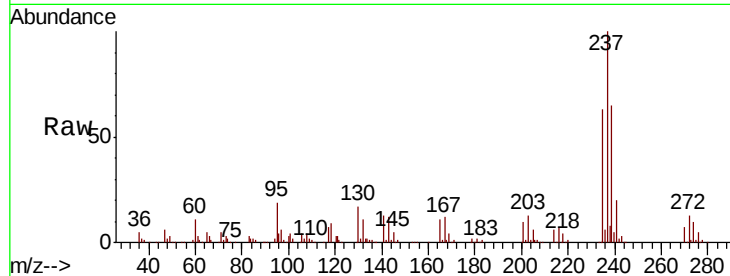
ClientSampleId :

SSTDCCC040

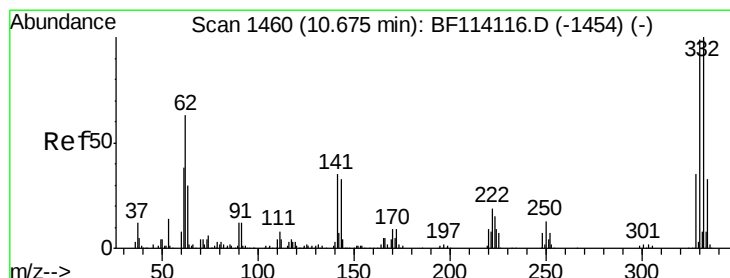
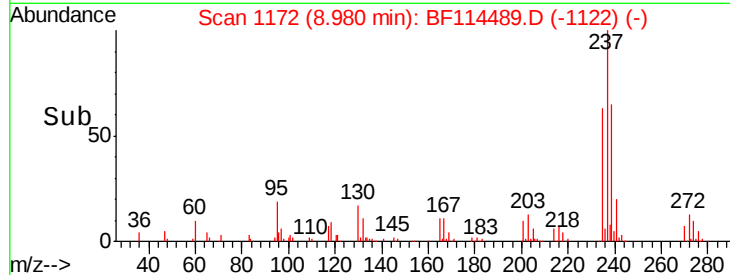
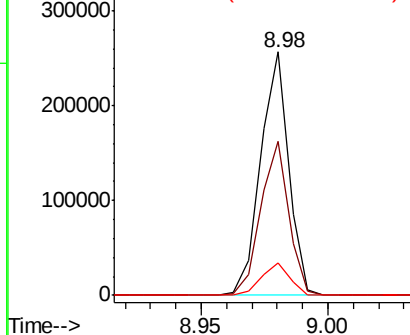
Tot Ion:	237	Resp:	199405
Ion Ratio		Lower	Upper
237	100		
235	63.2	42.0	82.0
272	13.5	0.0	32.4

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



#42

2,4,6-Tribromophenol

Concen: 75.130 ng

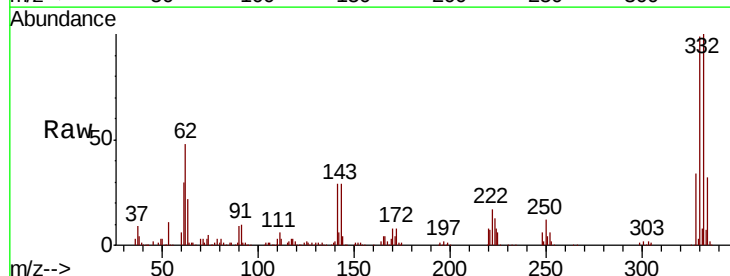
RT: 10.66 min Scan# 1458

Delta R.T. 0.00 min

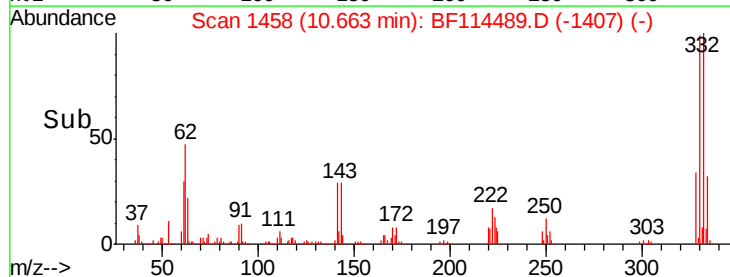
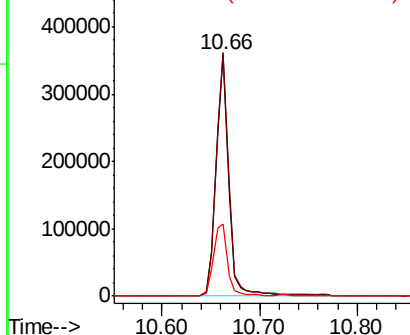
Lab File: BF114489.D

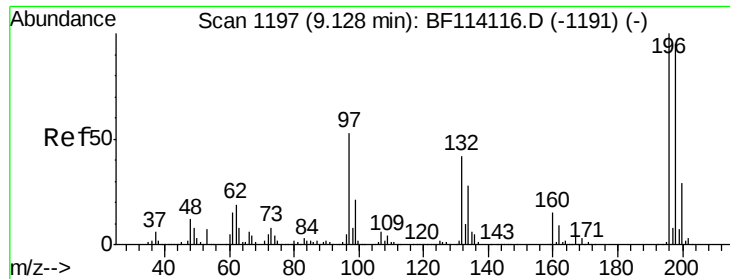
Acq: 22 May 2019 18:02

Tgt Ion:	330	Resp:	324954
Ion Ratio		Lower	Upper
330	100		
332	102.3	81.4	122.2
141	33.2	26.6	40.0



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





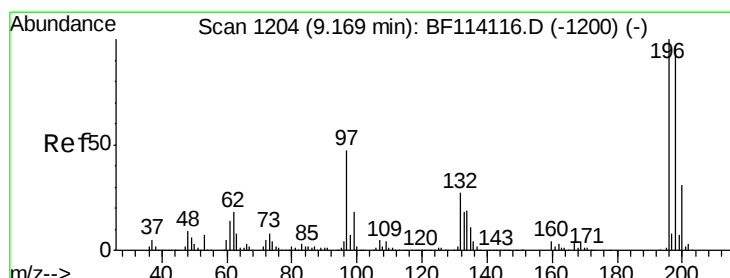
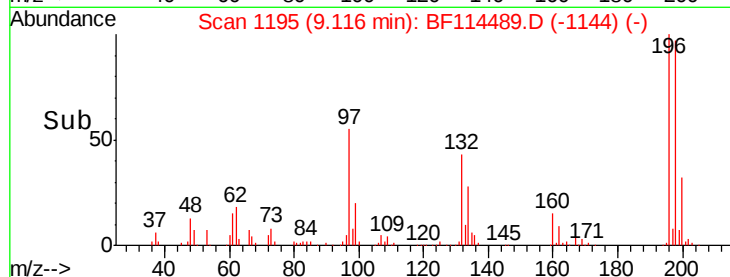
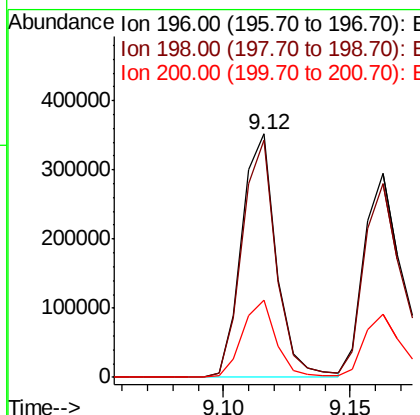
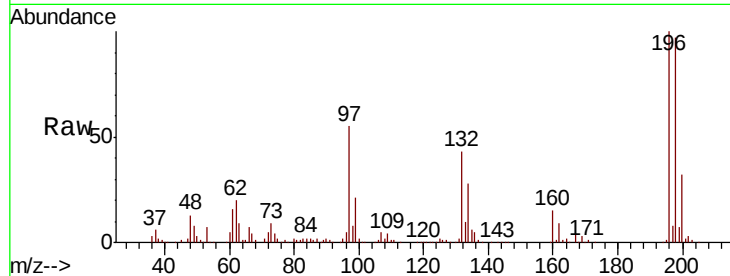
#43
 2,4,6-Trichlorophenol
 Concen: 38.566 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF114489.D
 Acq: 22 May 2019 18:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	336181		
198	97.3	75.9	113.9	
200	31.9	23.5	35.3	

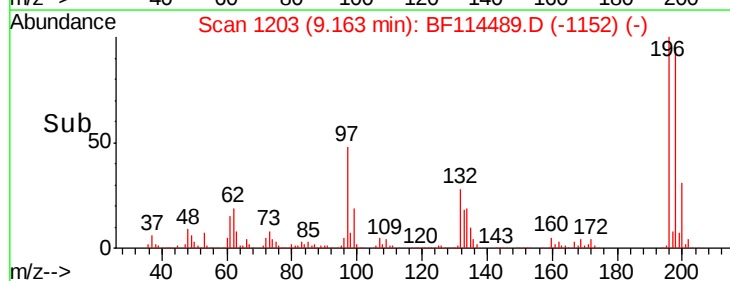
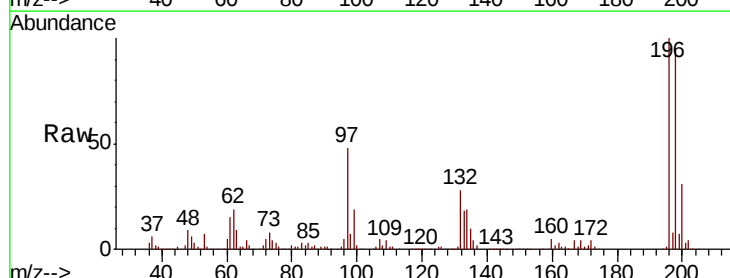
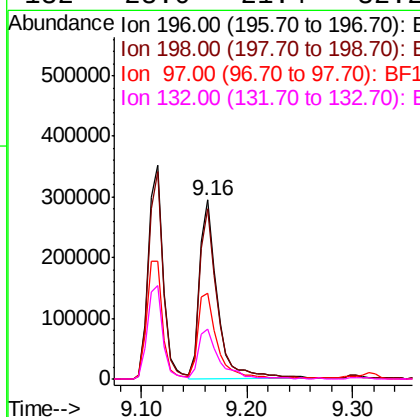
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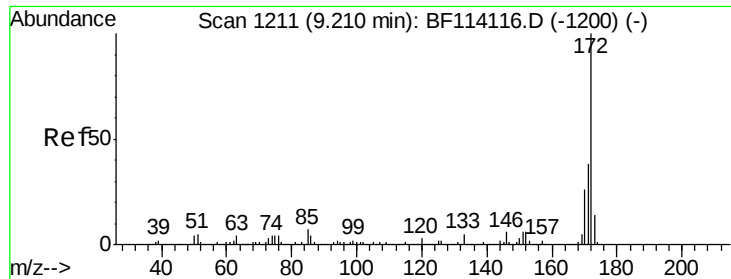
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.214 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF114489.D
 Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	341622		
198	94.9	77.7	116.5	
97	48.3	38.2	57.2	
132	28.0	21.4	32.2	





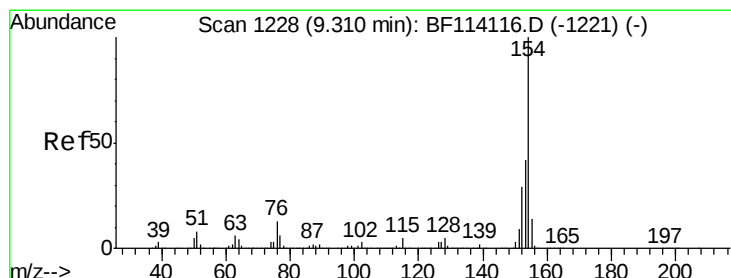
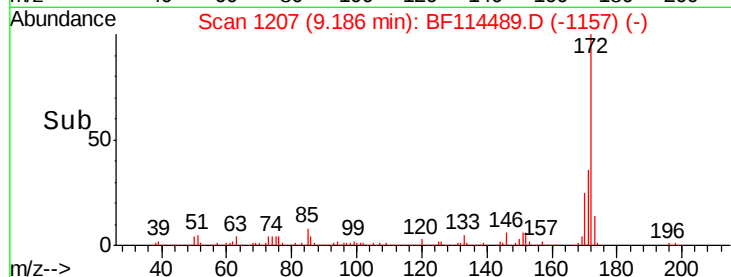
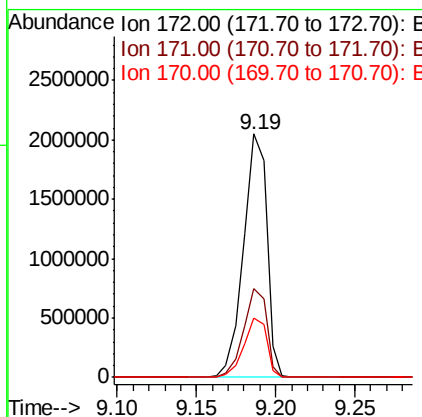
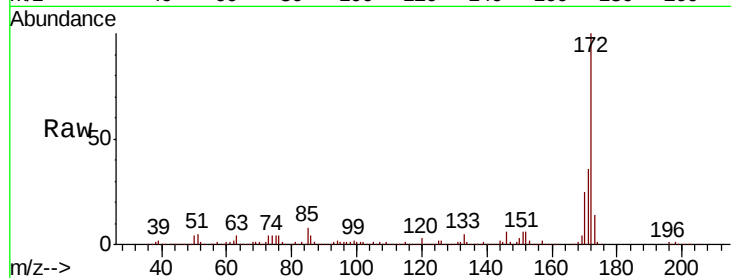
#45
2-Fluorobiphenyl
Concen: 75.560 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.7	46.1
170	24.5	20.5	30.7

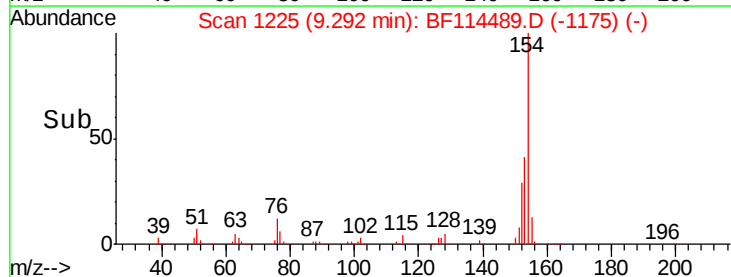
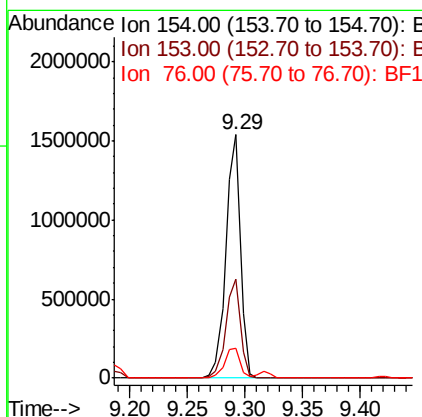
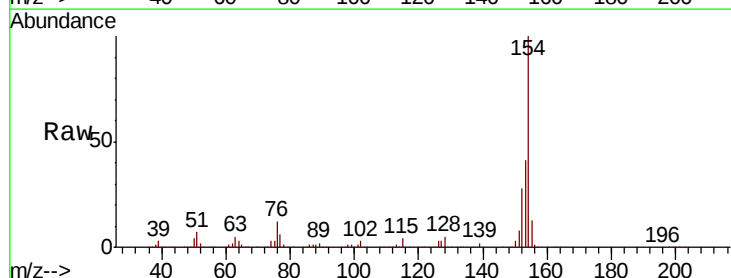
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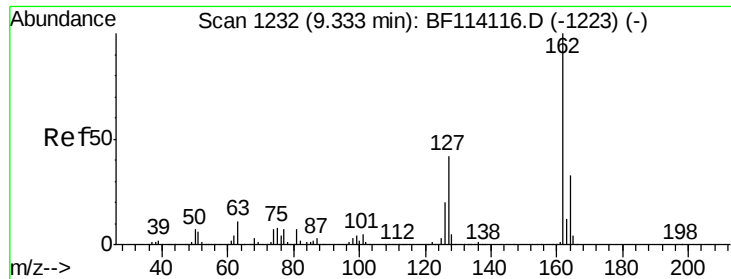
mohammad
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#46
1,1'-Biphenyl
Concen: 39.859 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.9	61.9
76	12.0	0.0	32.8





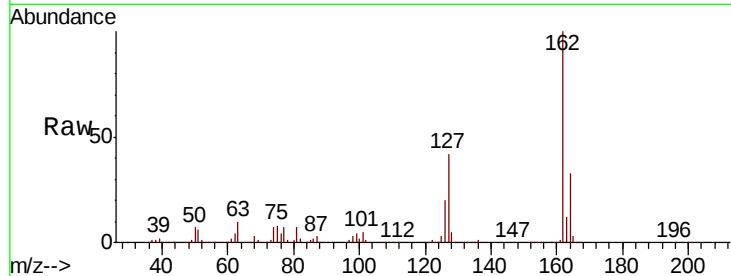
#47
 2-Chloronaphthalene
 Concen: 39.546 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF114489.D
 Acq: 22 May 2019 18:02

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

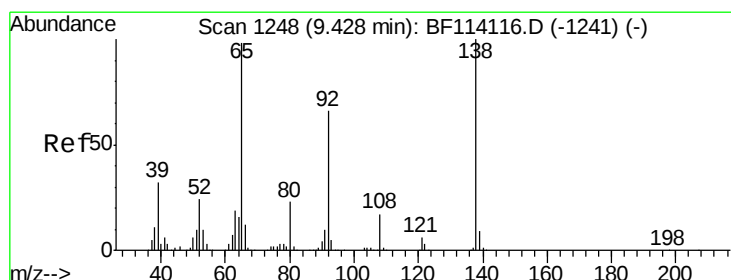
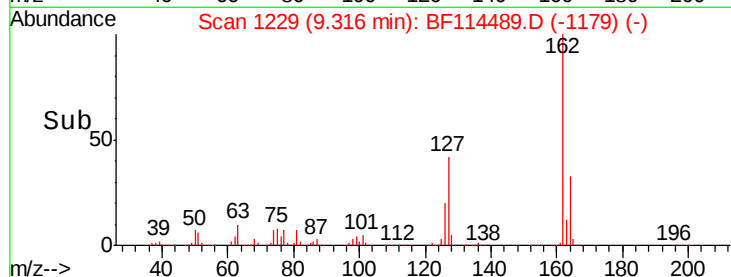
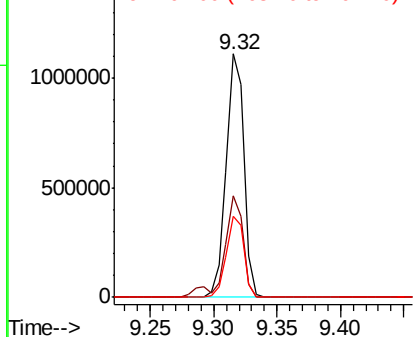
Tot Ion:	162	Resp:	1075685
Ion Ratio	Lower	Upper	
162	100		
127	42.0	34.0	51.0
164	33.1	26.7	40.1

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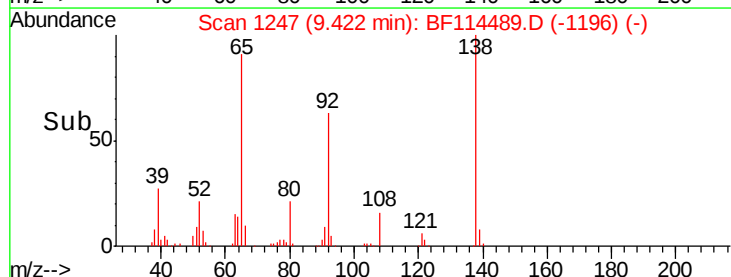
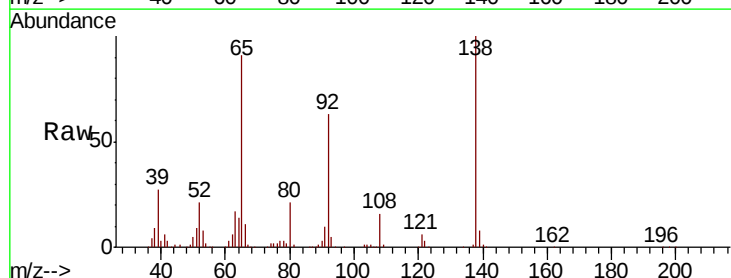
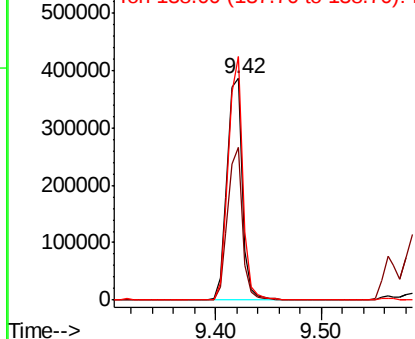
Abundance Ion 162.00 (161.70 to 162.70): E
 1500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

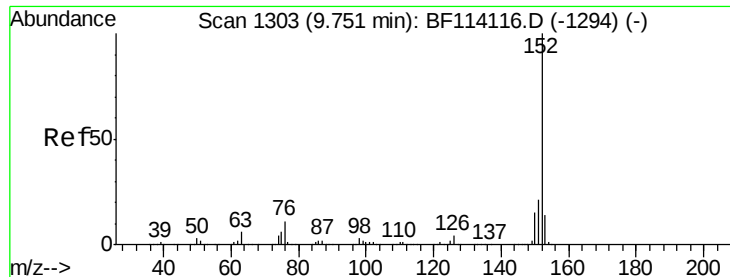


#48
 2-Nitroaniline
 Concen: 40.619 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF114489.D
 Acq: 22 May 2019 18:02

Tgt Ion:	65	Resp:	391838
Ion Ratio	Lower	Upper	
65	100		
92	68.9	53.9	80.9
138	109.8	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: 39.057 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF114489.D

Acq: 22 May 2019 18:02

Instrument :

BNA_F

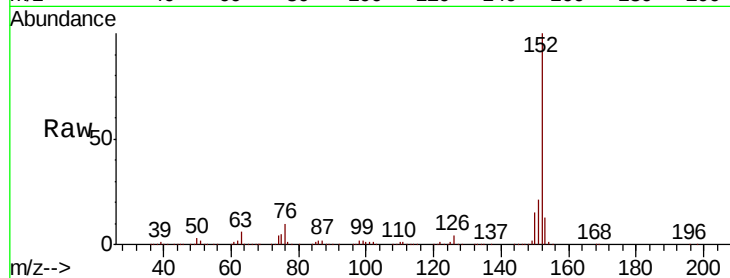
ClientSampleId :

SSTDCCC040

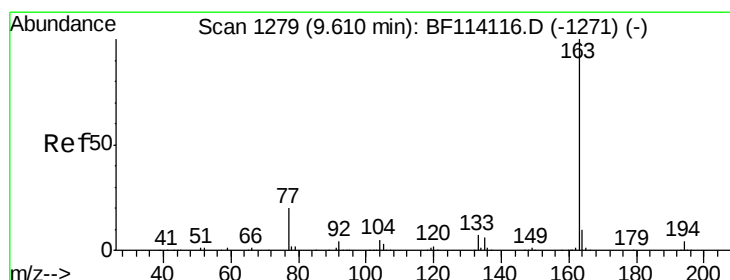
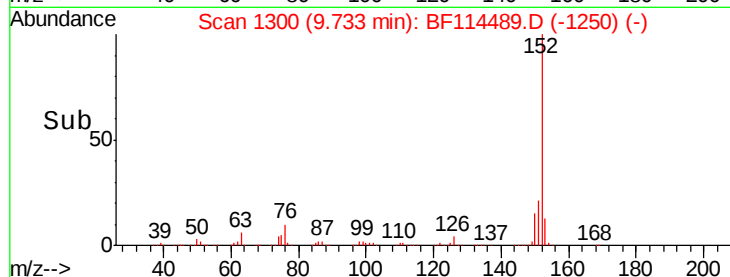
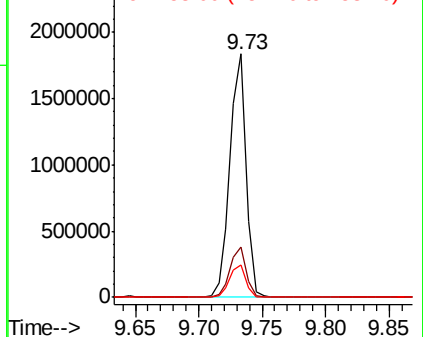
Tot Ion:	152	Resp:	1615794
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.4	11.4	17.2

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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: 40.937 ng

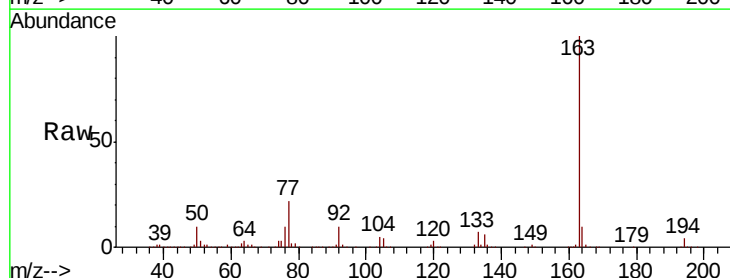
RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

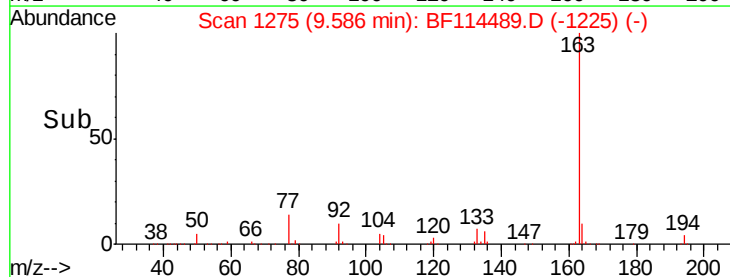
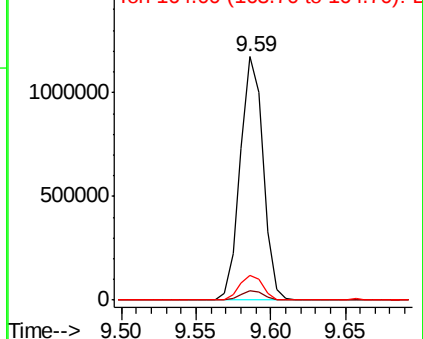
Lab File: BF114489.D

Acq: 22 May 2019 18:02

Tgt Ion:	163	Resp:	1257271
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.3	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





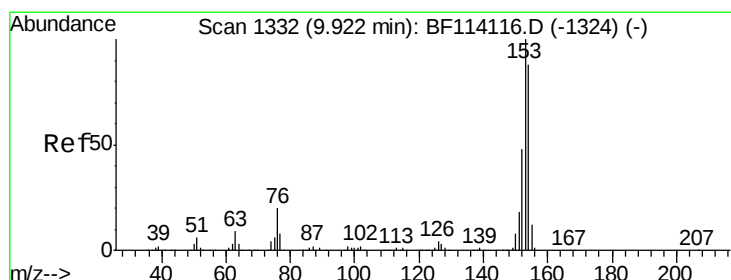
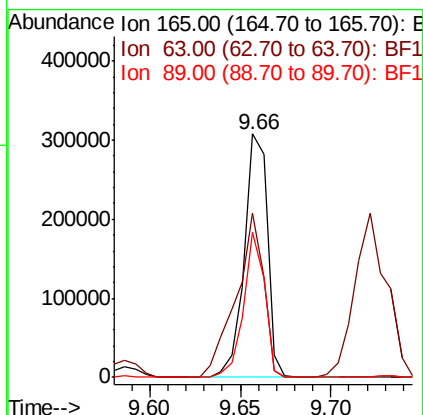
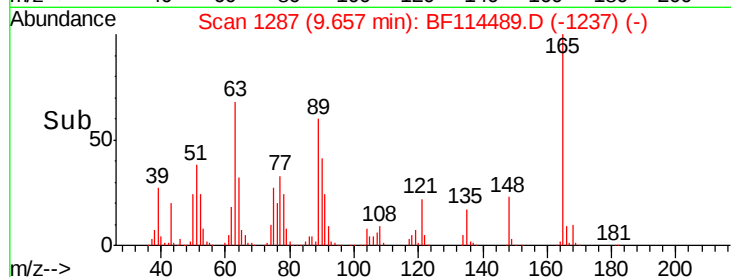
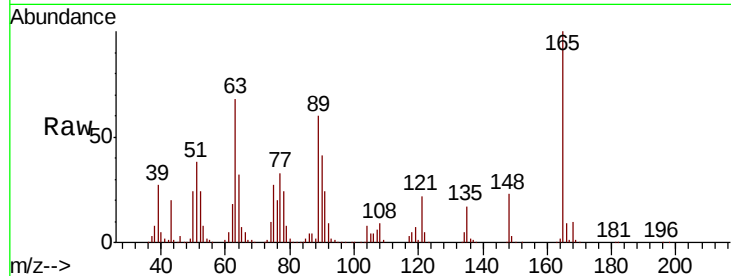
#51
2,6-Dinitrotoluene
Concen: 40.073 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	272971		
63	67.6		50.2	75.4
89	59.8		46.6	69.8

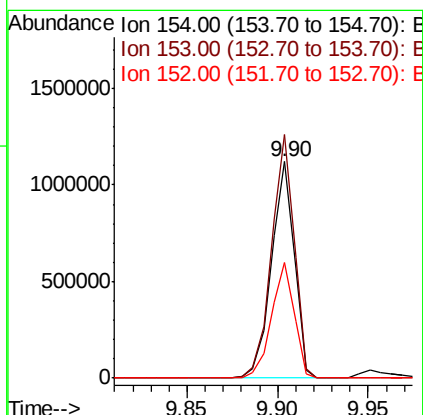
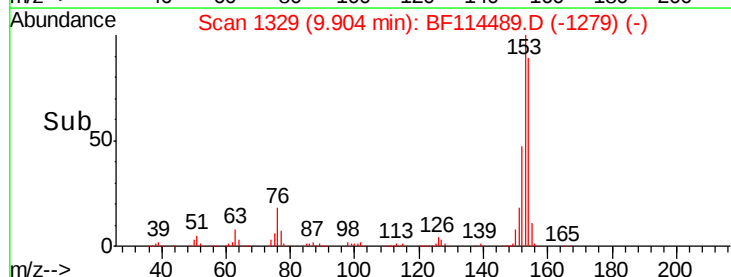
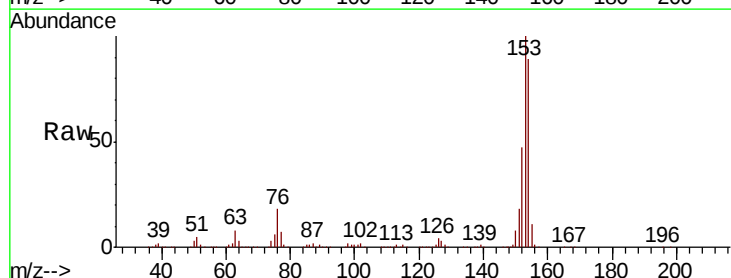
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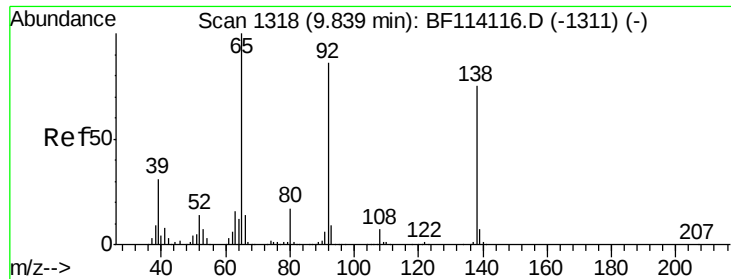
mohammad
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#52
Acenaphthene
Concen: 38.708 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	982677		
153	112.4		90.5	135.7
152	53.2		43.4	65.2





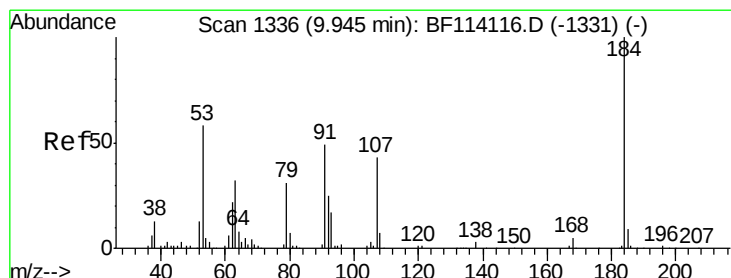
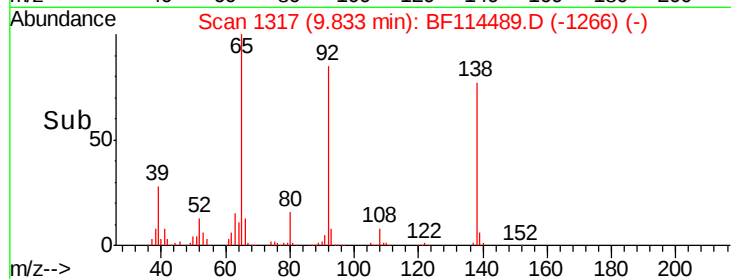
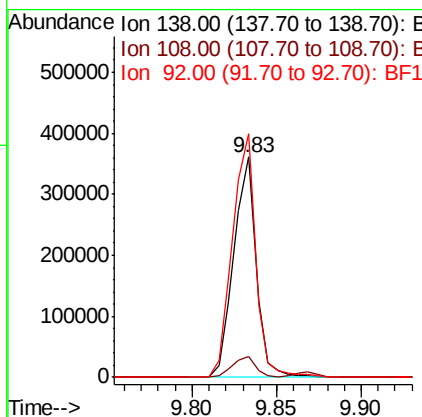
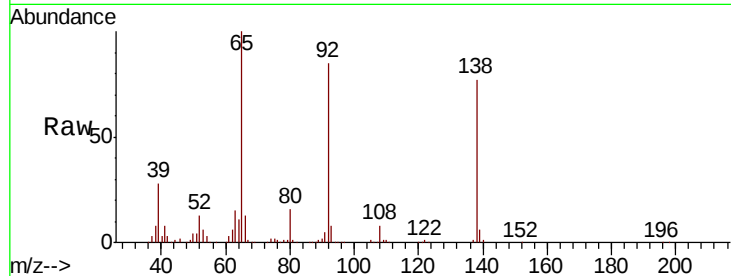
#53
3-Nitroaniline
Concen: 39.571 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.8	11.6
92	110.6	91.2	136.8

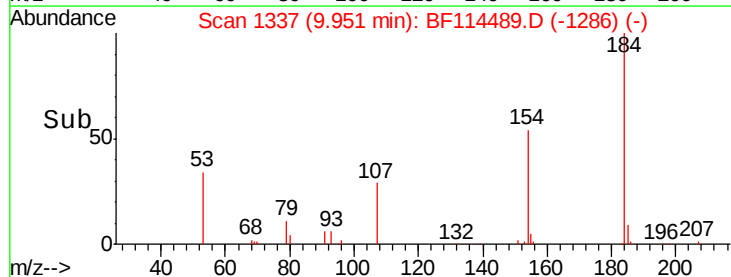
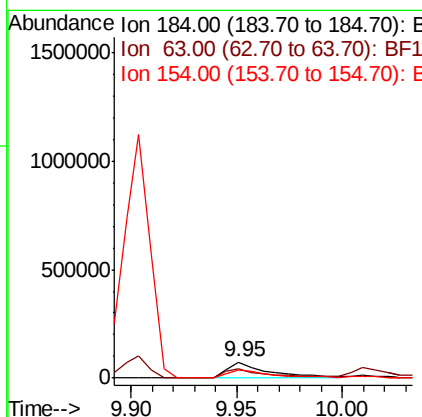
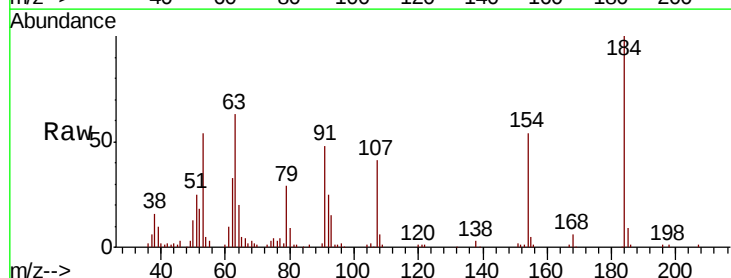
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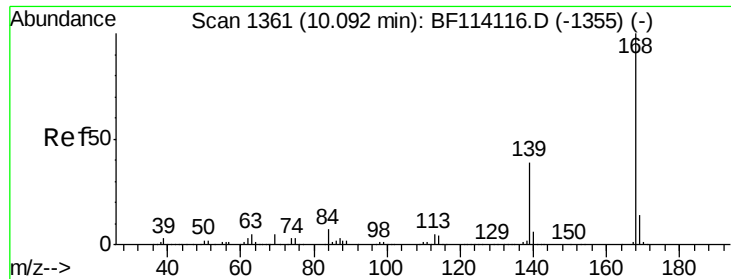
mohammad
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#54
2,4-Dinitrophenol
Concen: 32.707 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.6	55.6	83.4
154	54.4	46.0	69.0





#55

Dibenzofuran

Concen: 37.249 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF114489.D

Acq: 22 May 2019 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 1386629

Ion Ratio Lower Upper

168 100

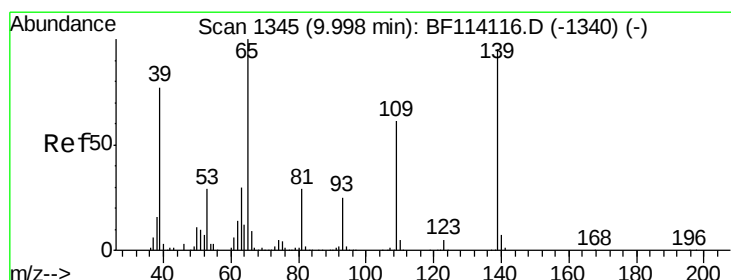
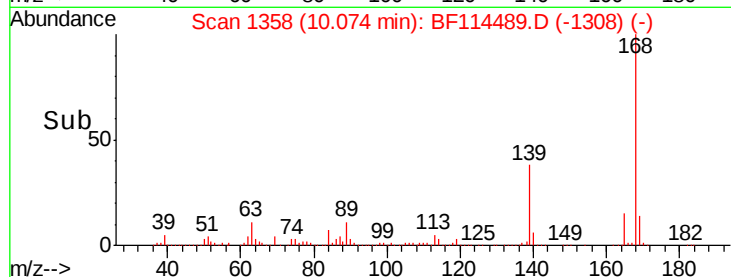
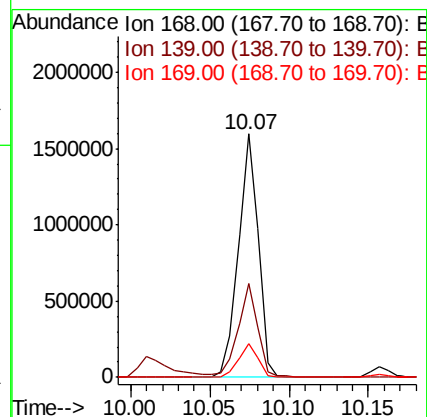
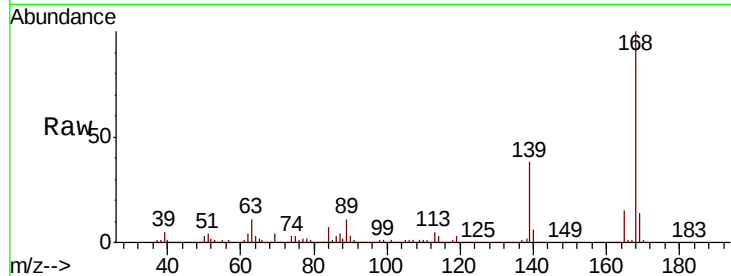
139 38.3 31.1 46.7

169 13.8 11.4 17.0

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#56

4-Nitrophenol

Concen: 32.226 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF114489.D

Acq: 22 May 2019 18:02

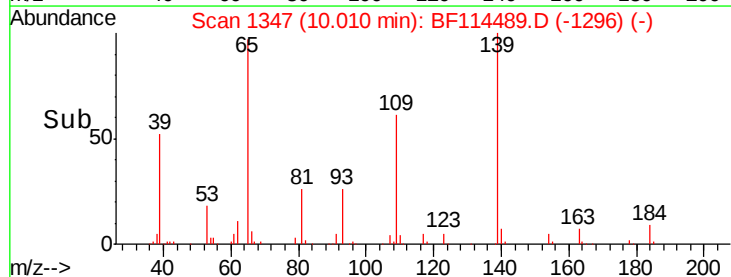
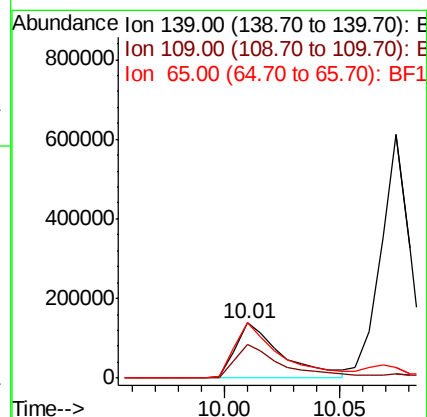
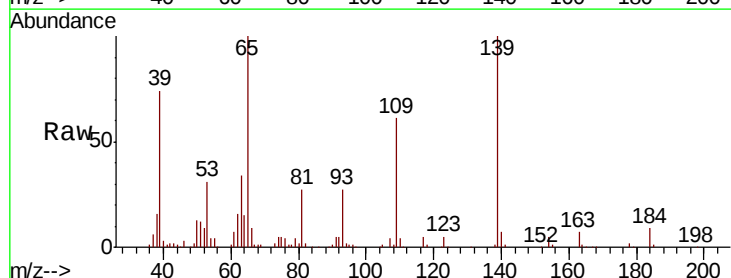
Tgt Ion:139 Resp: 192708

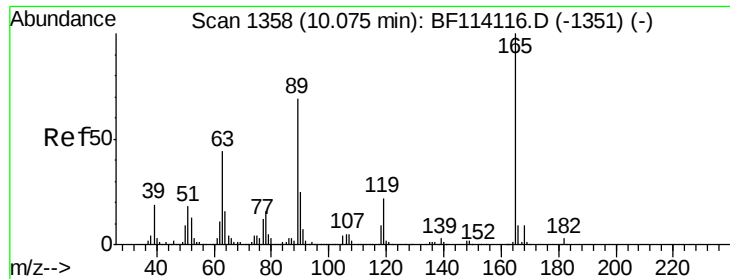
Ion Ratio Lower Upper

139 100

109 60.6 43.9 83.9

65 99.9 85.7 125.7





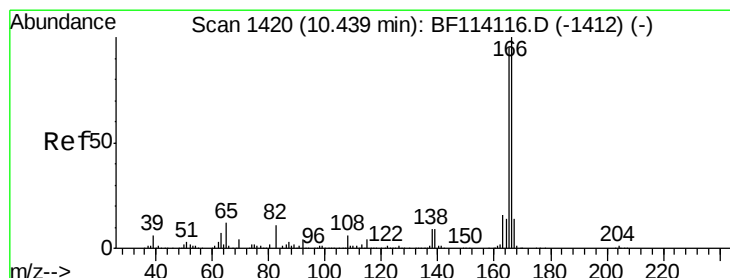
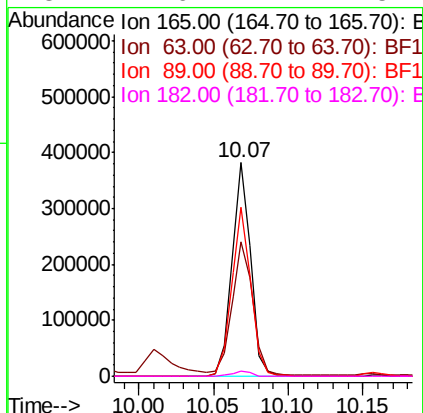
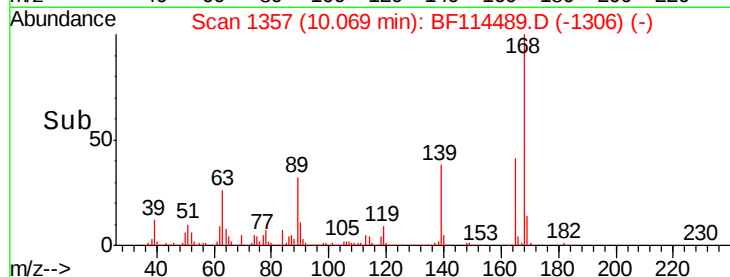
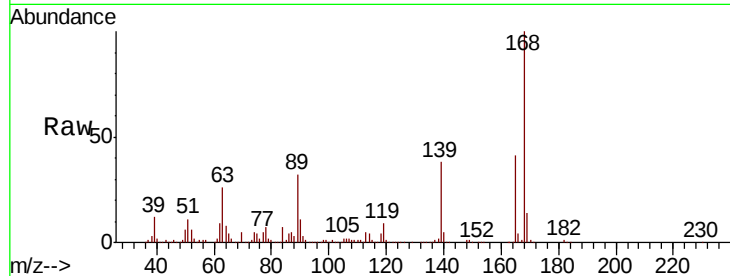
#57
2,4-Dinitrotoluene
Concen: 36.706 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	339376		
63	63.2	35.5	53.3	#
89	79.1	55.2	82.8	
182	2.6	2.2	3.2	

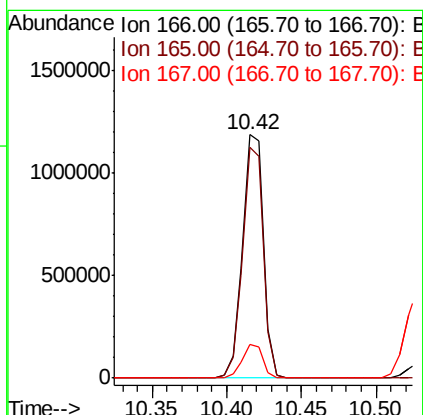
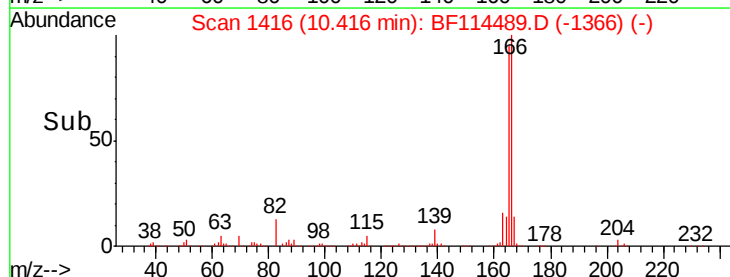
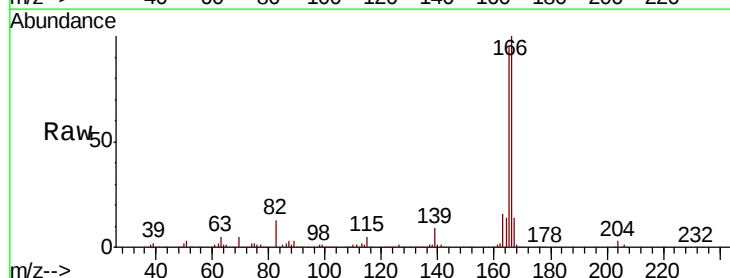
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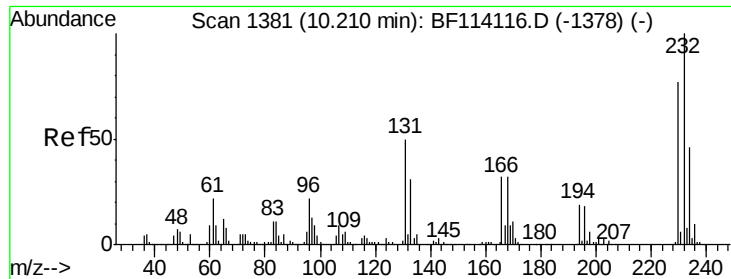
mohammad
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#58
Fluorene
Concen: 40.122 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1153654		
165	94.8	76.1	114.1	
167	14.1	11.1	16.7	





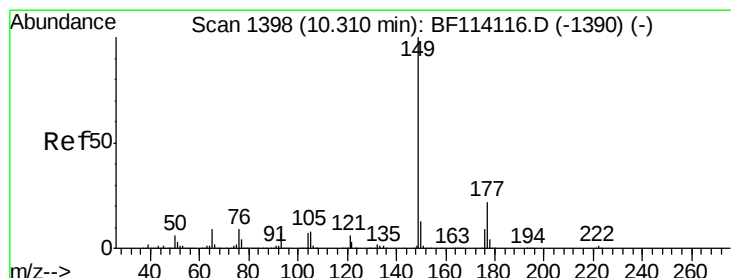
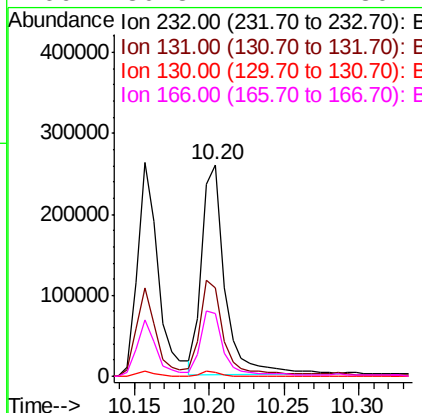
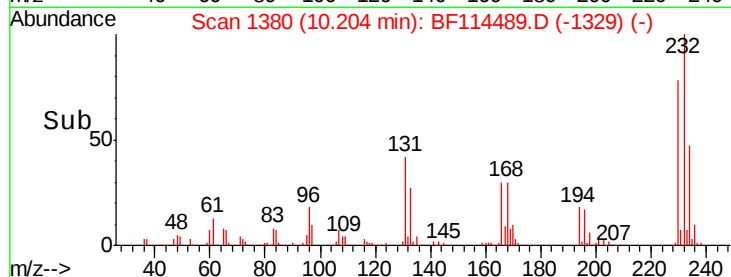
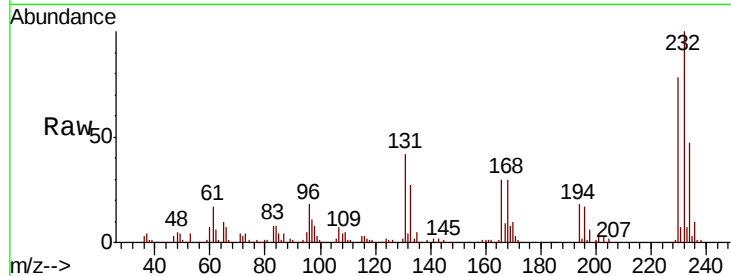
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.353 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	280411		
131	46.7	35.6	53.4	
130	2.2	1.6	2.4	
166	30.8	24.1	36.1	

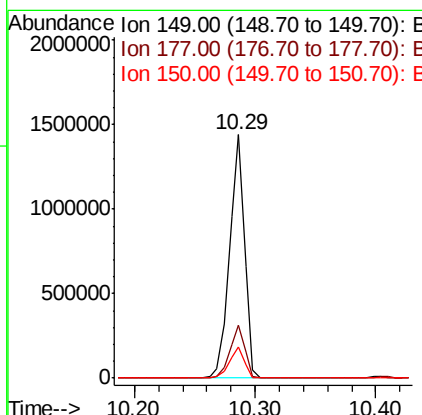
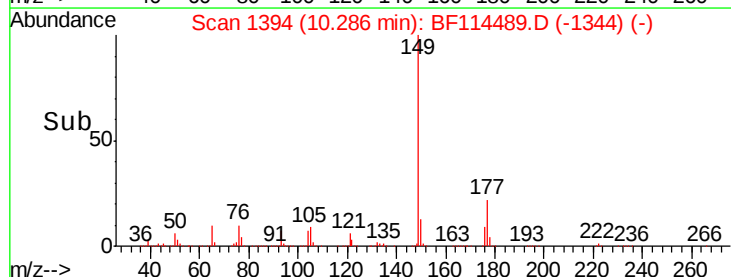
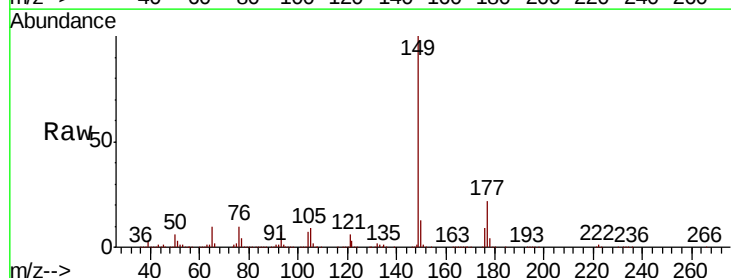
Manual Integrations
APPROVED

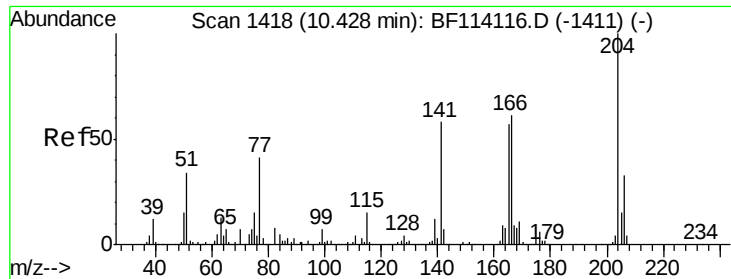
mohammad
5/23/2019 4:08:06 AM



#60
Diethylphthalate
Concen: 39.667 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1237831		
177	21.6	17.8	26.6	
150	12.6	10.2	15.2	





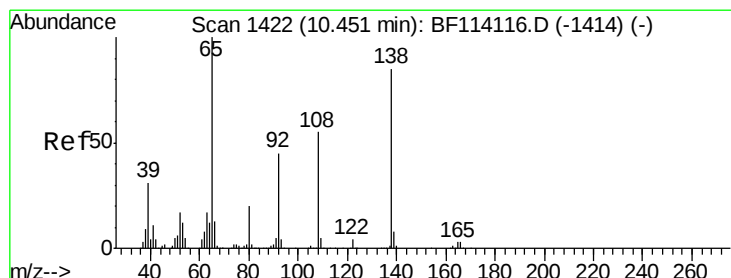
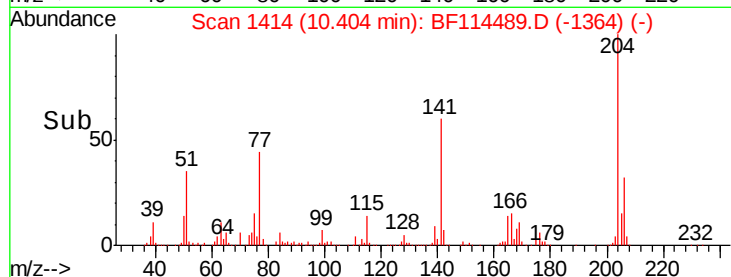
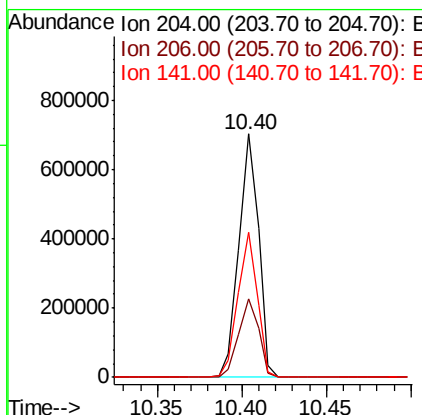
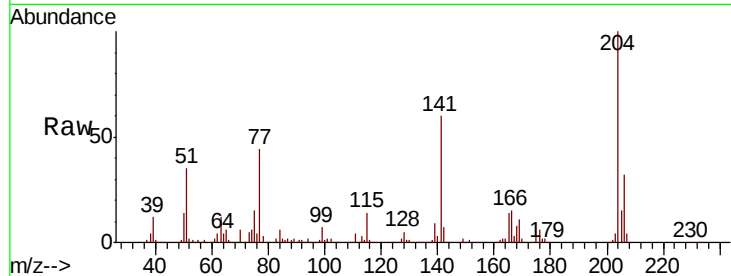
#61
4-Chlorophenyl-phenylether
Concen: 40.318 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.6	39.8
141	59.7	46.4	69.6

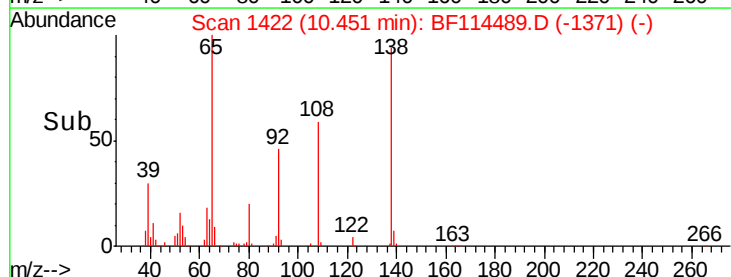
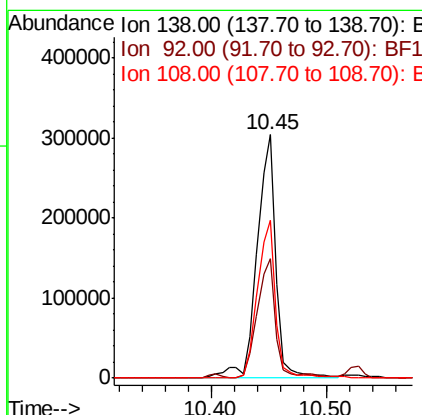
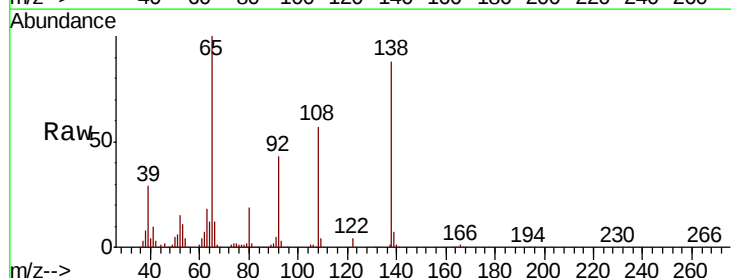
Manual Integrations
APPROVED

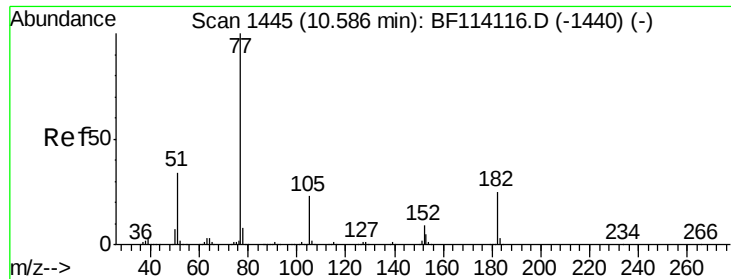
mohammad
5/23/2019 4:08:06 AM



#62
4-Nitroaniline
Concen: 39.356 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	33.0	73.0
108	64.6	44.9	84.9





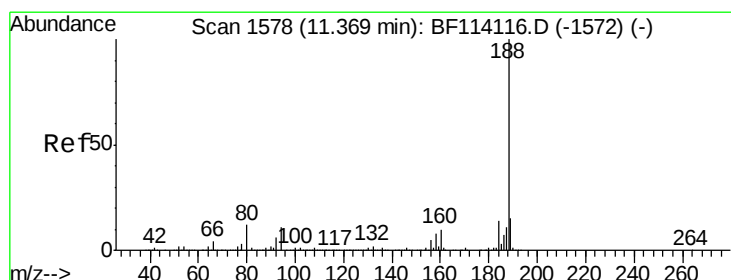
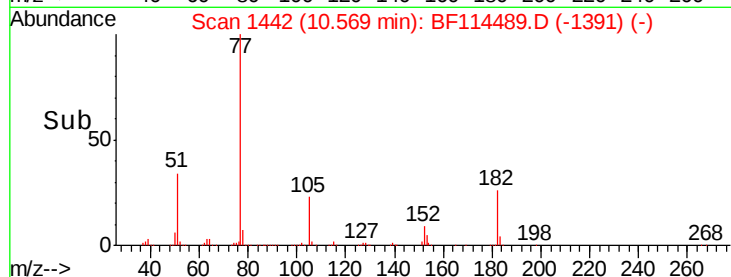
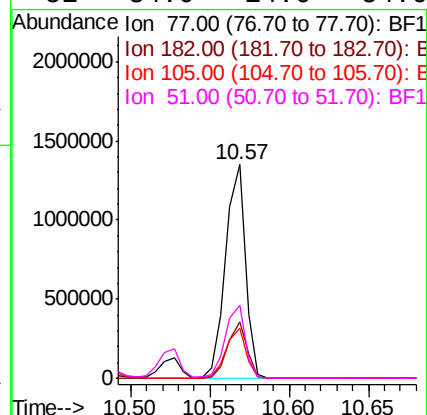
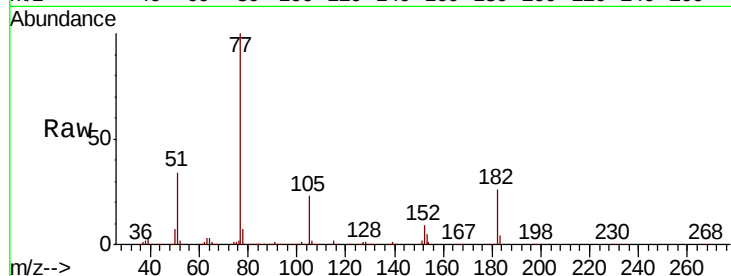
#63
Azobenzene
Concen: 39.086 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.2	4.7	44.7	
105	23.4	2.9	42.9	
51	34.0	14.6	54.6	

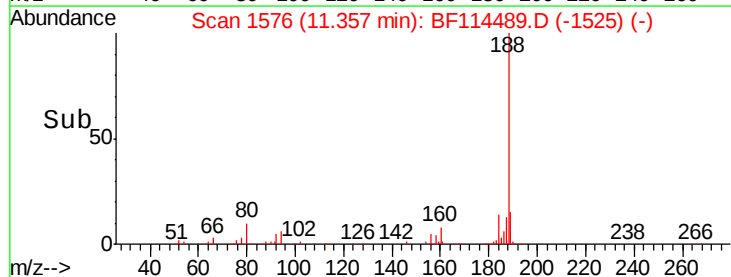
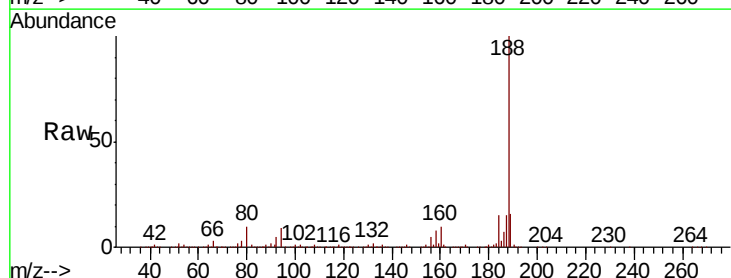
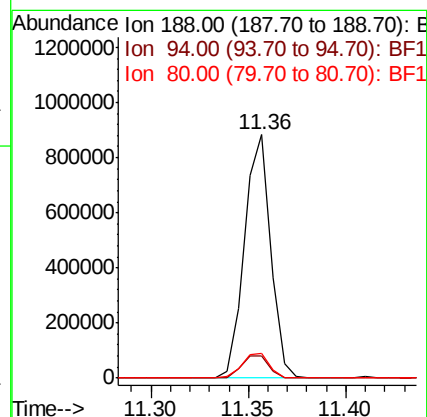
Manual Integrations
APPROVED

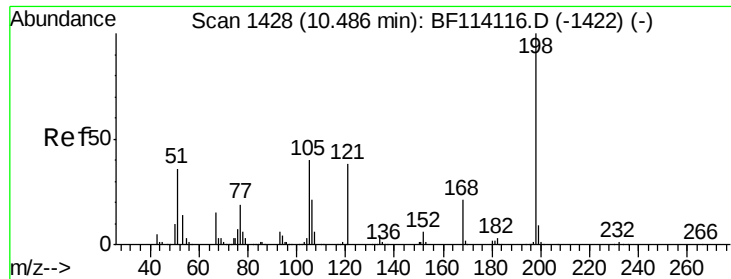
mohammad
5/23/2019 4:08:06 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.2	8.4	12.6	
80	10.1	9.2	13.8	





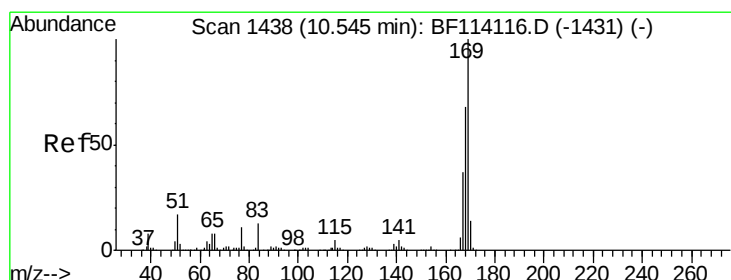
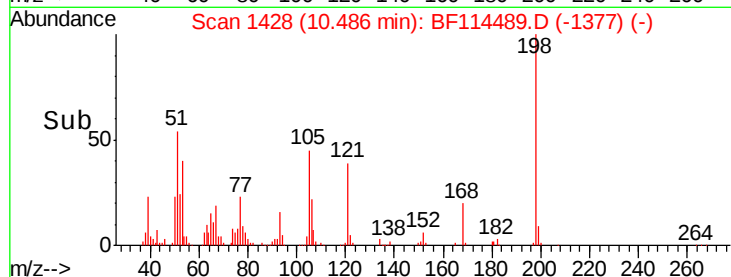
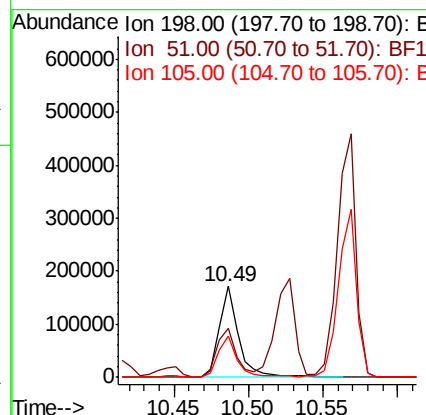
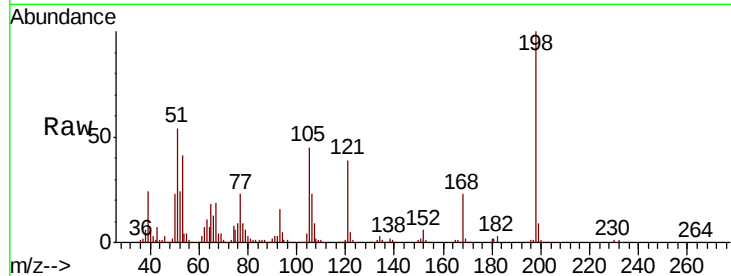
#65
4,6-Dinitro-2-methylphenol
Concen: 39.631 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	156852		
51	53.9	28.0	68.0	
105	44.8	21.1	61.1	

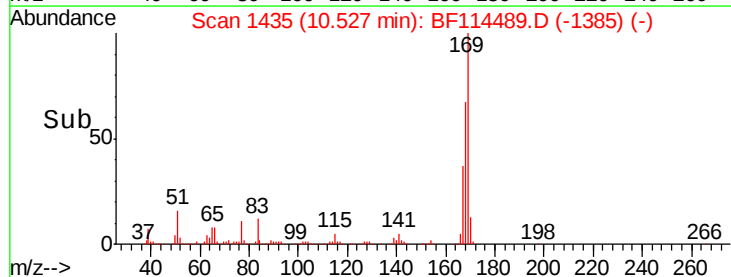
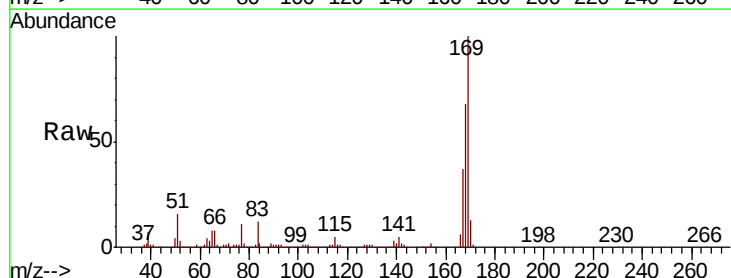
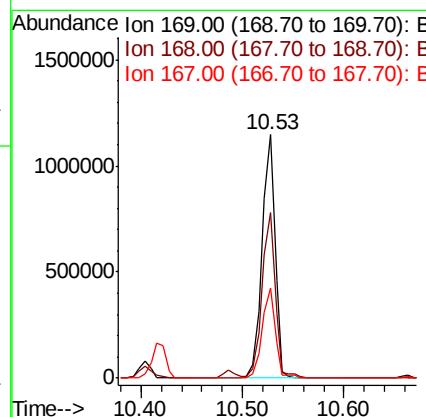
Manual Integrations
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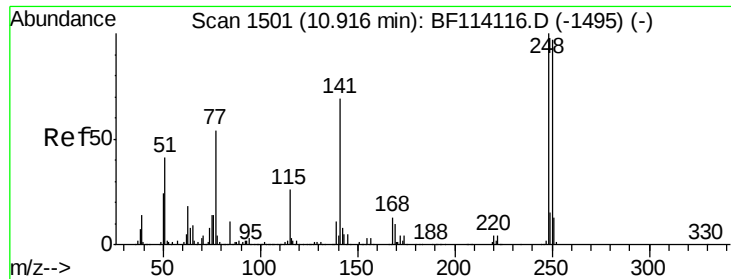
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 40.993 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1024768		
168	67.8	54.2	81.2	
167	36.8	29.8	44.8	





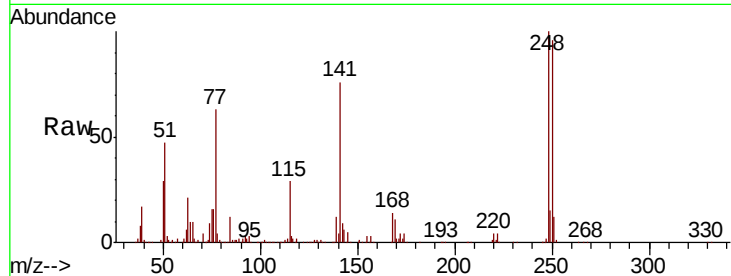
#67
4-Bromophenyl-phenylether
Concen: 40.255 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	77.4	116.2
141	76.3	55.6	83.4

Manual Integrations
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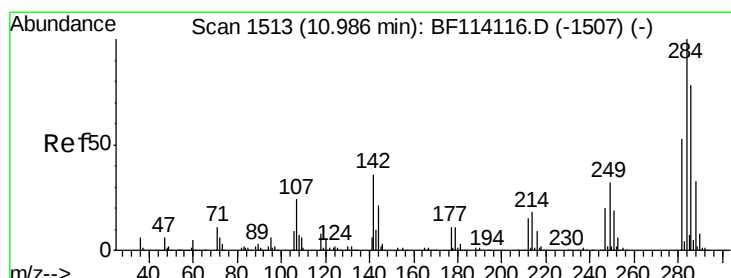
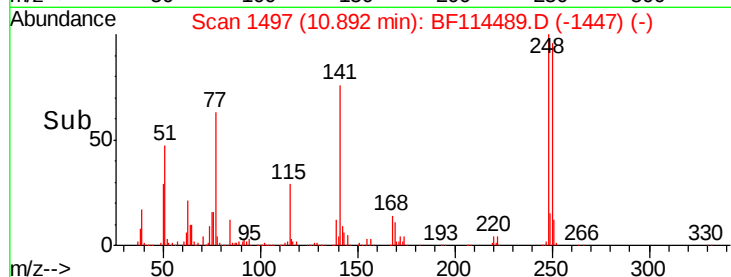
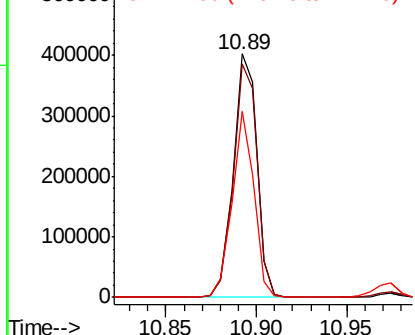


Abundance

Ion 248.00 (247.70 to 248.70): E

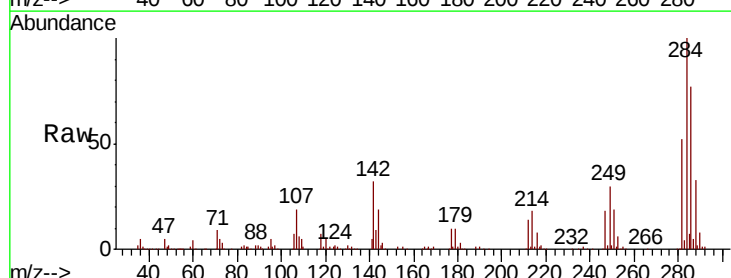
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.970 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	28.4	42.6
249	30.2	25.2	37.8

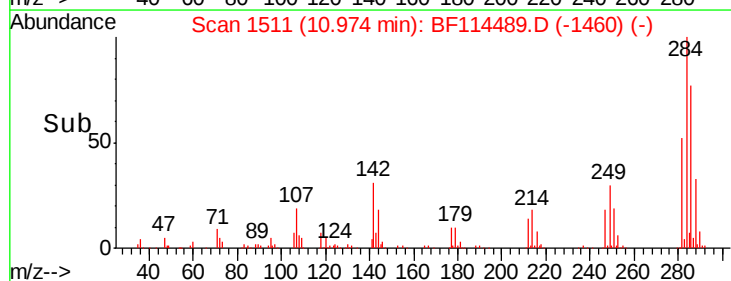
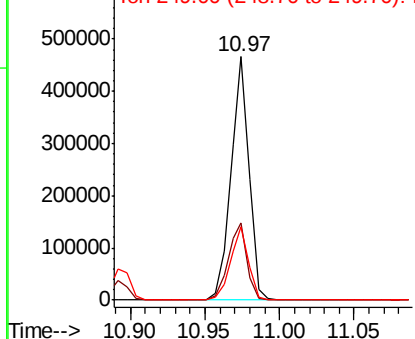


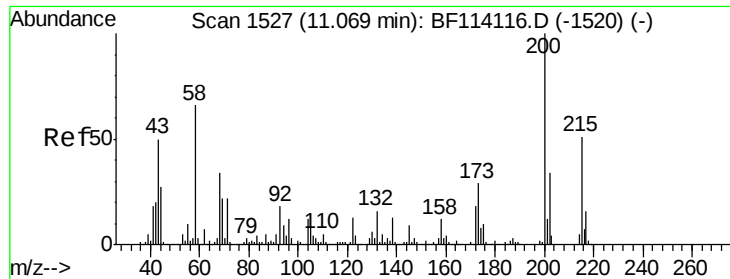
Abundance

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





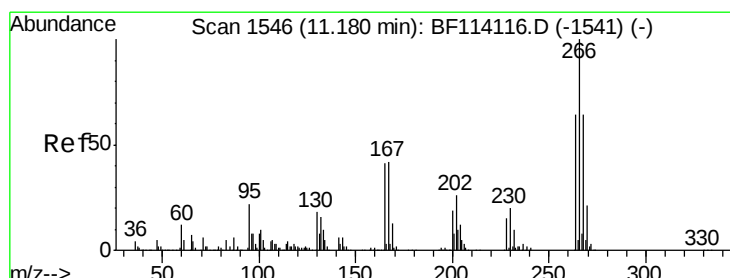
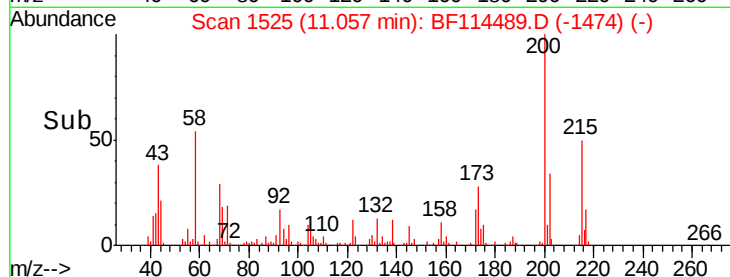
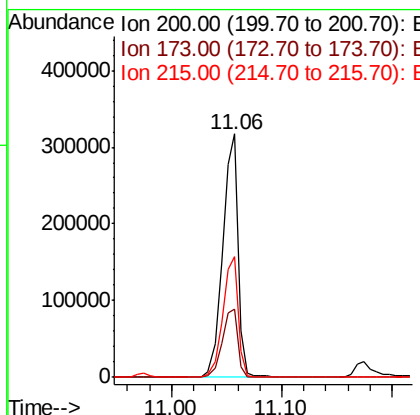
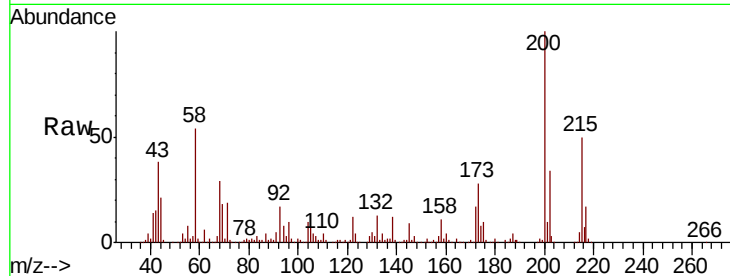
#69
 Atrazine
 Concen: 39.544 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF114489.D
 Acq: 22 May 2019 18:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
200	100		307625		
173	28.3	8.9	48.9		
215	49.6	30.7	70.7		

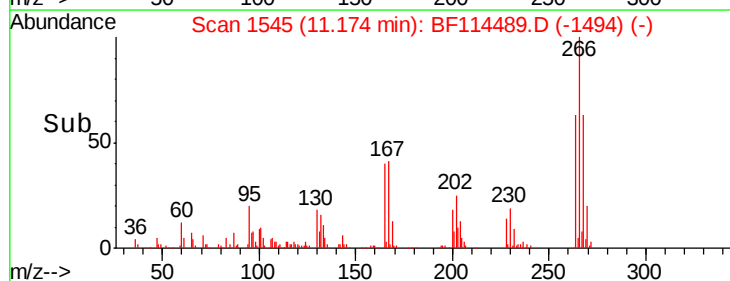
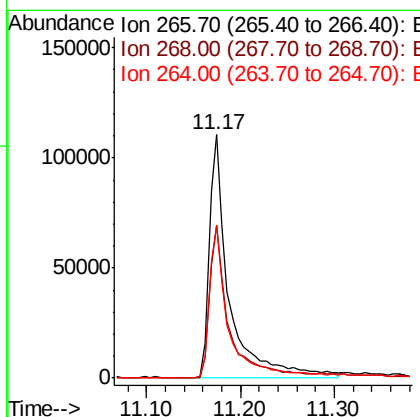
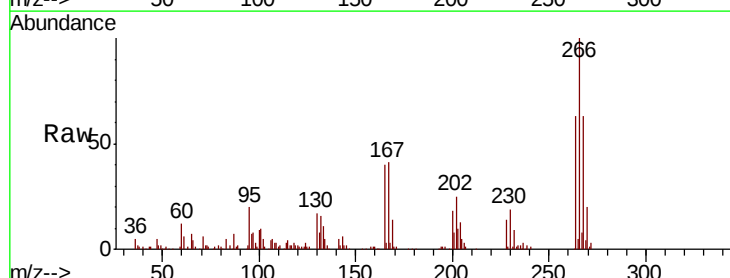
Manual Integrations
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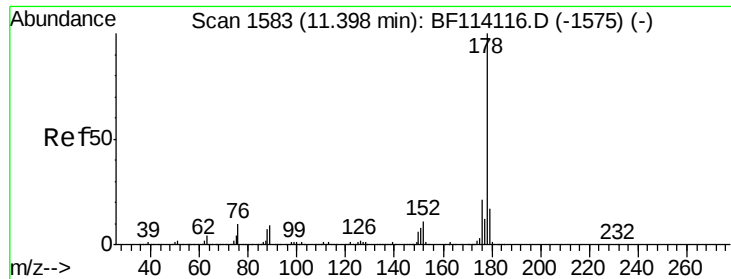
mohammad
 5/23/2019 4:08:06 AM



#70
 Pentachlorophenol
 Concen: 34.098 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF114489.D
 Acq: 22 May 2019 18:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
266	100		162166		
268	62.7	51.1	76.7		
264	62.6	51.1	76.7		





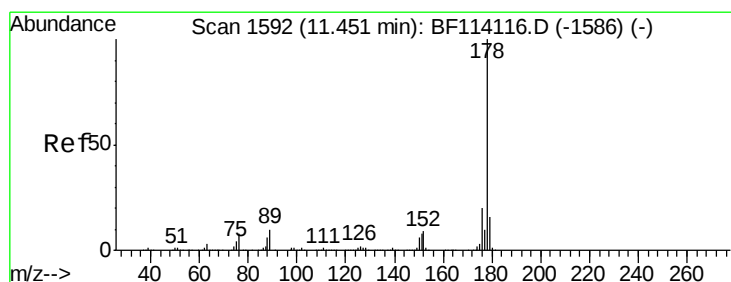
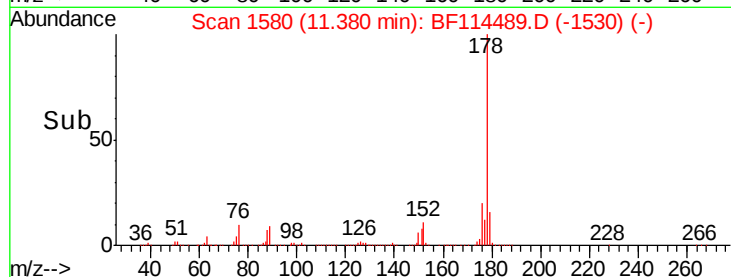
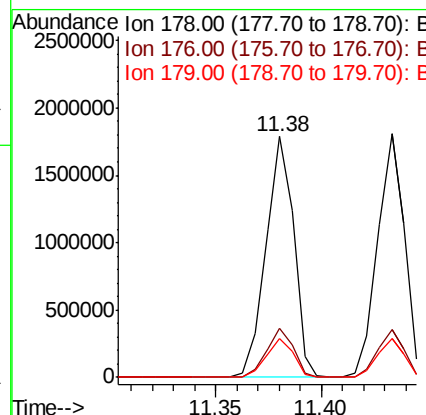
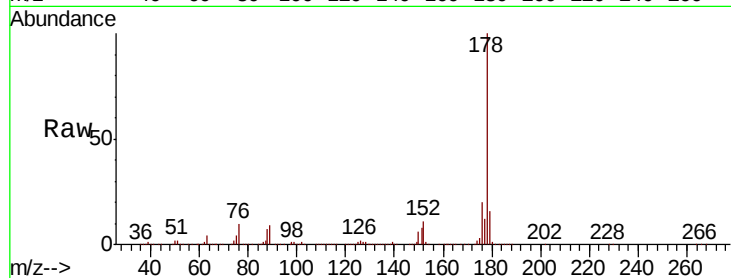
#71
Phenanthrene
Concen: 41.021 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.4	24.6
179	16.1	13.2	19.8

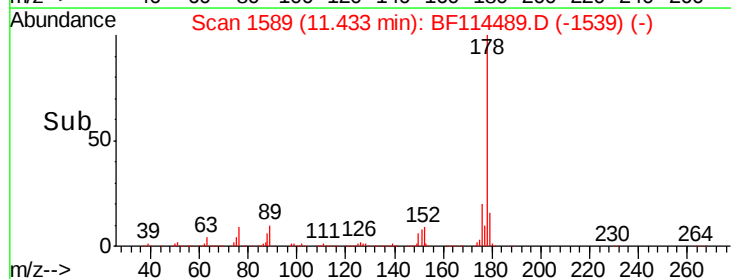
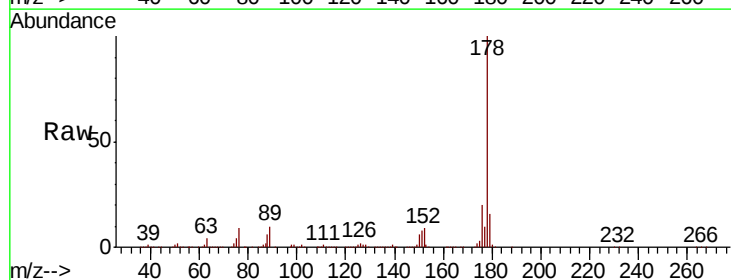
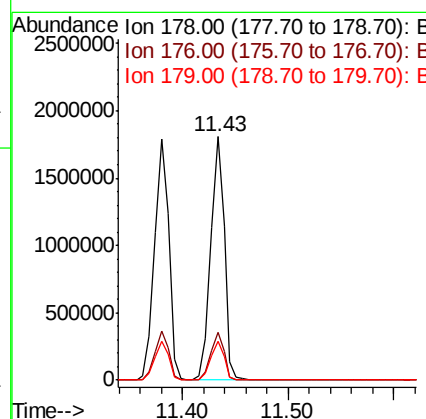
Manual Integrations
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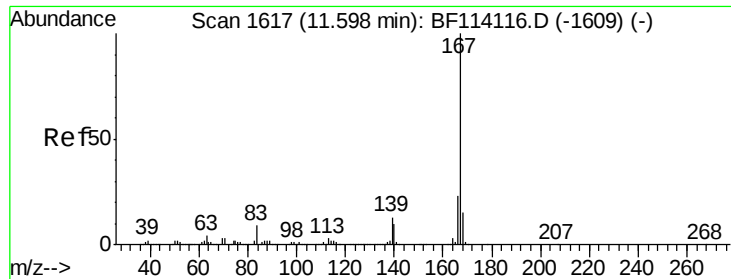
mohammad
5/23/2019 4:08:06 AM



#72
Anthracene
Concen: 40.625 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.1	13.0	19.4





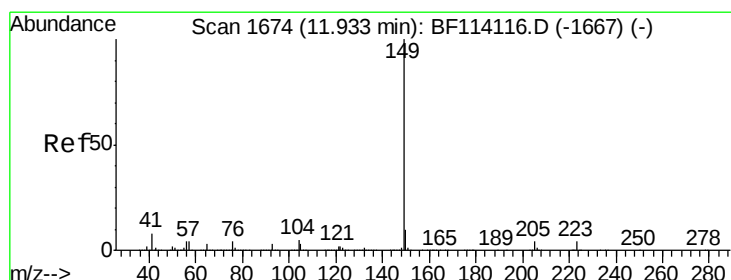
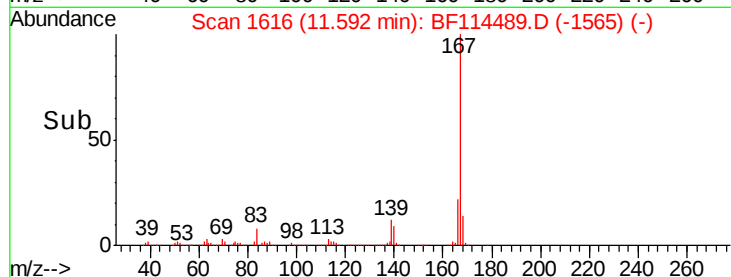
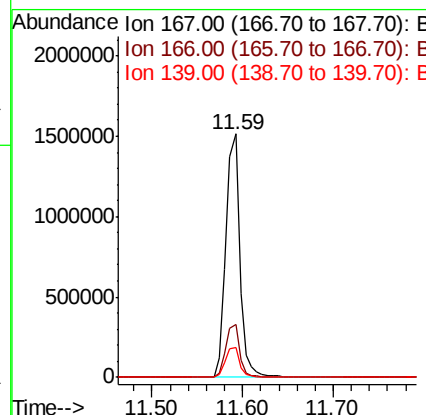
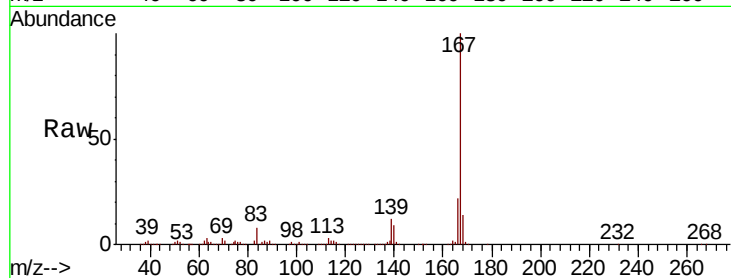
#73
 Carbazole
 Concen: 41.542 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF114489.D
 Acq: 22 May 2019 18:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.7	18.2	27.2	
139	12.4	10.6	16.0	

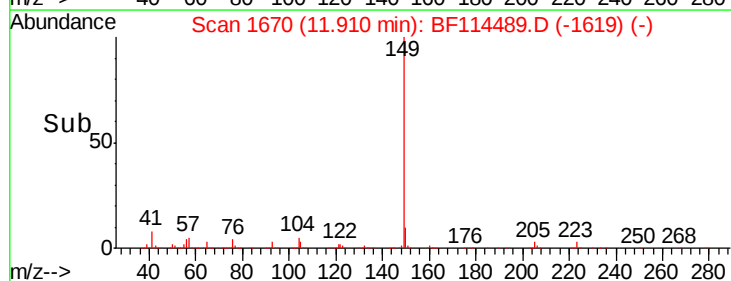
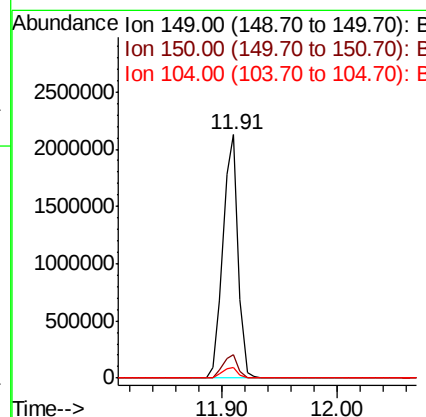
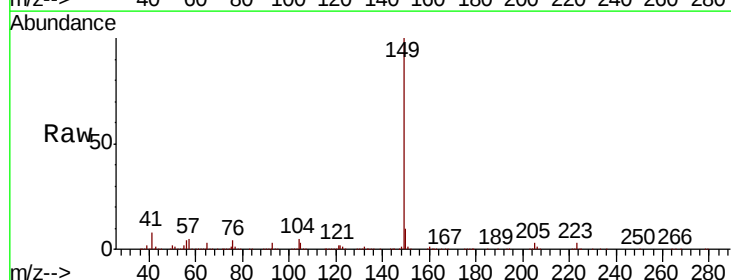
Manual Integrations
 APPROVED

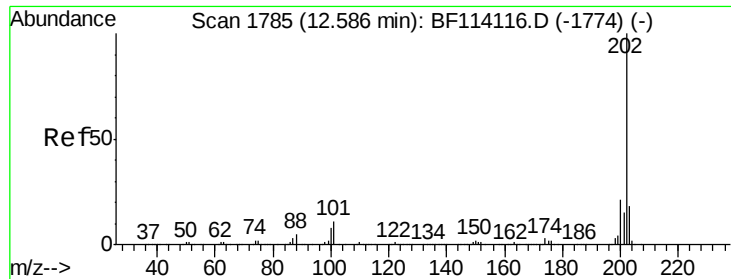
mohammad
 5/23/2019 4:08:06 AM



#74
 Di-n-butylphthalate
 Concen: 43.475 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BF114489.D
 Acq: 22 May 2019 18:02

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.6	7.7	11.5	
104	4.6	3.6	5.4	





#75

Fluoranthene

Concen: 40.114 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF114489.D

Acq: 22 May 2019 18:02

Instrument :

BNA_F

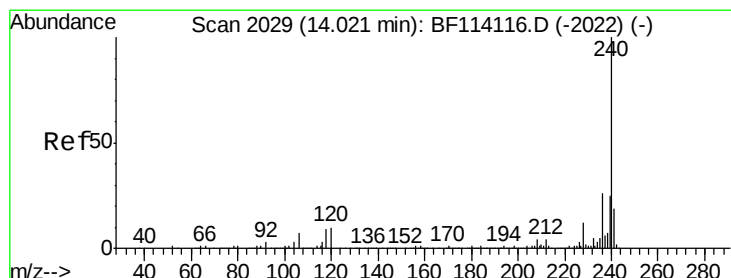
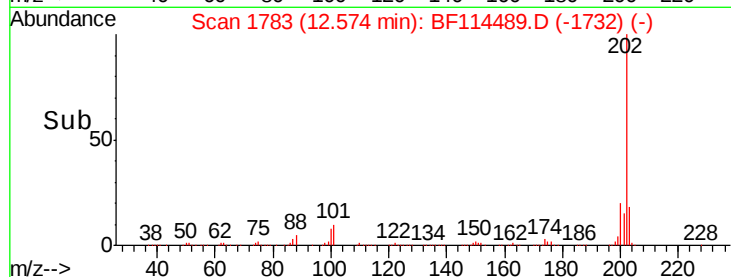
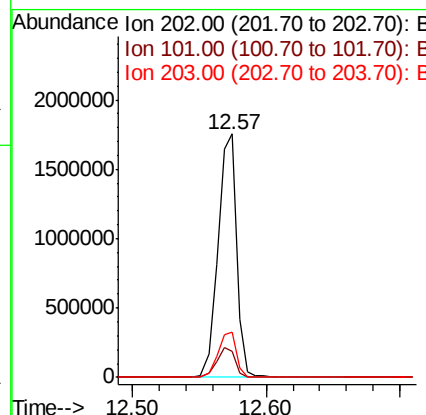
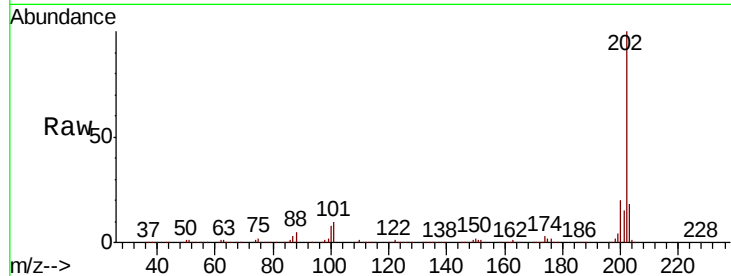
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	1731016
Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.0
203	18.4	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

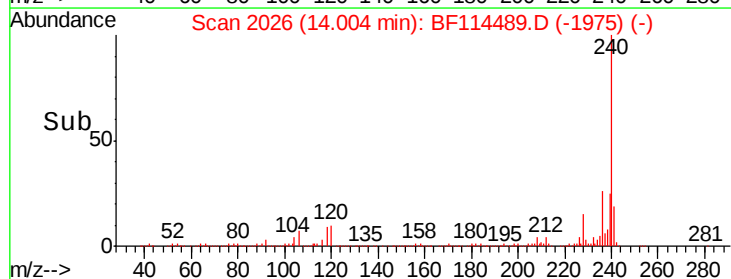
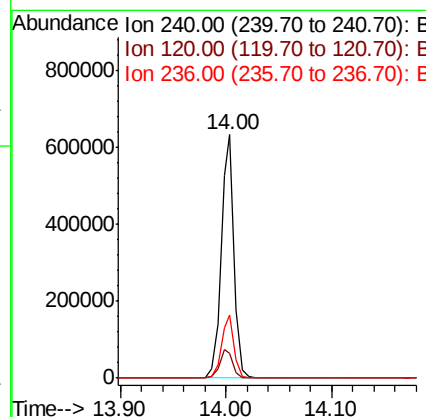
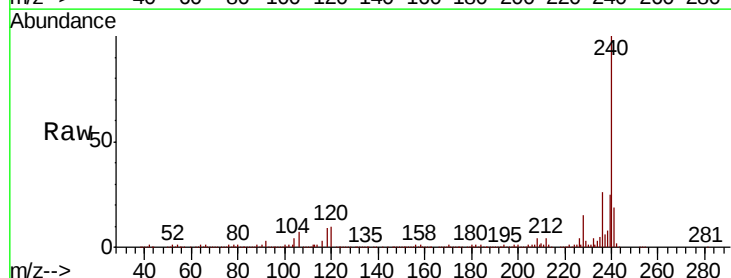
RT: 14.00 min Scan# 2026

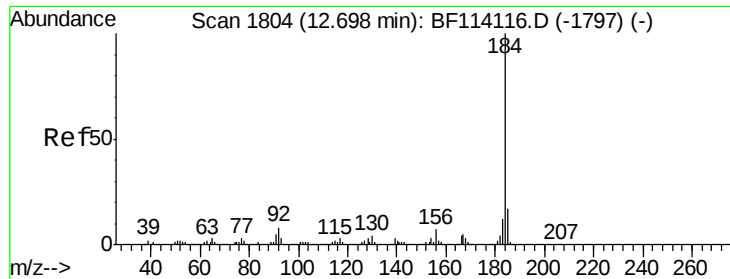
Delta R.T. 0.00 min

Lab File: BF114489.D

Acq: 22 May 2019 18:02

Tgt Ion:	240	Resp:	542276
Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.3	12.5
236	25.8	20.8	31.2





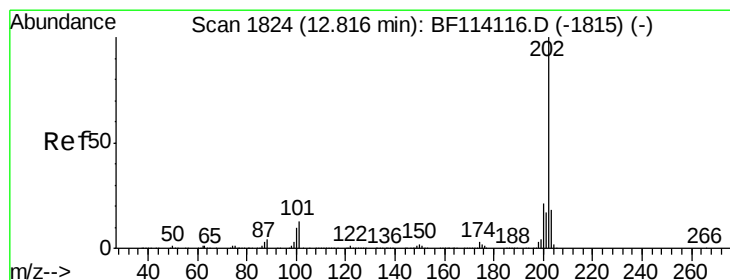
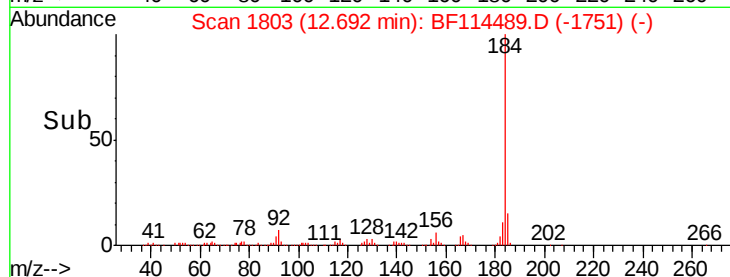
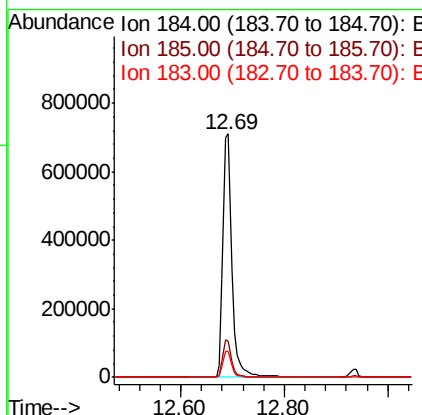
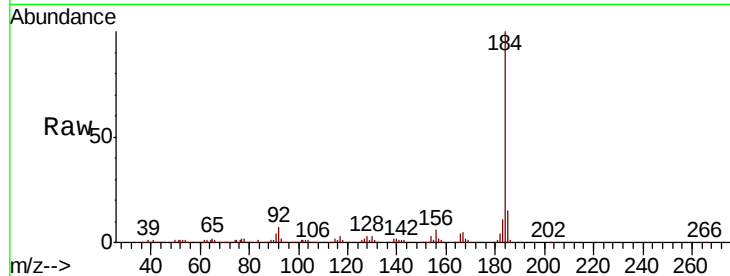
#77
Benzidine
Concen: 35.136 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.7	13.6	20.4
183	10.9	9.2	13.8

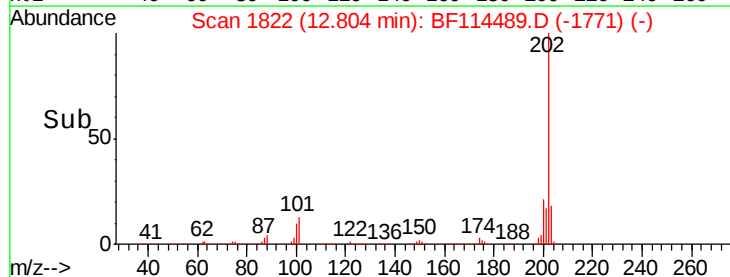
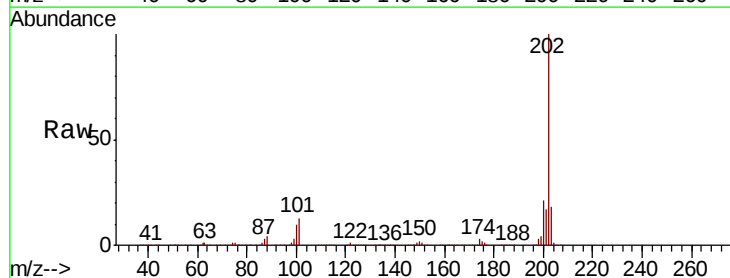
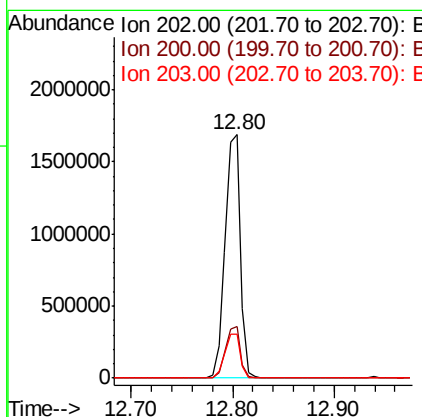
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#78
Pyrene
Concen: 40.444 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	18.1	14.5	21.7





#79

Terphenyl-d14

Concen: 80.977 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF114489.D

Acq: 22 May 2019 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2130156

Ion Ratio Lower Upper

244 100

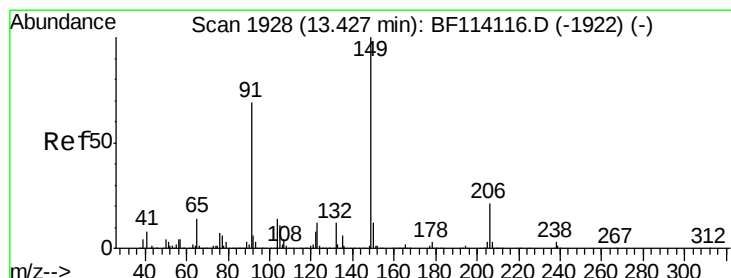
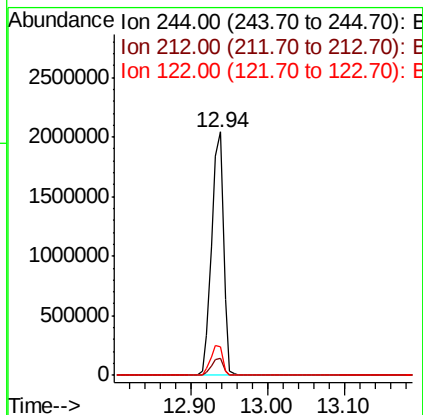
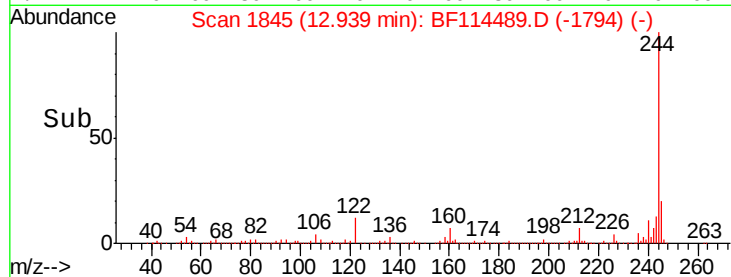
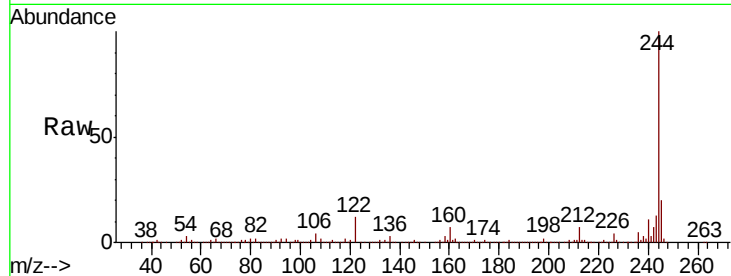
212 7.0 5.8 8.6

122 11.6 9.4 14.2

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#80

Butylbenzylphthalate

Concen: 44.143 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BF114489.D

Acq: 22 May 2019 18:02

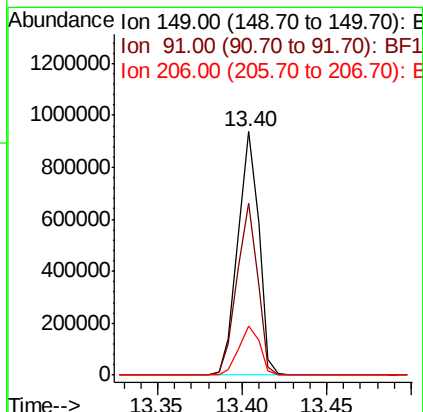
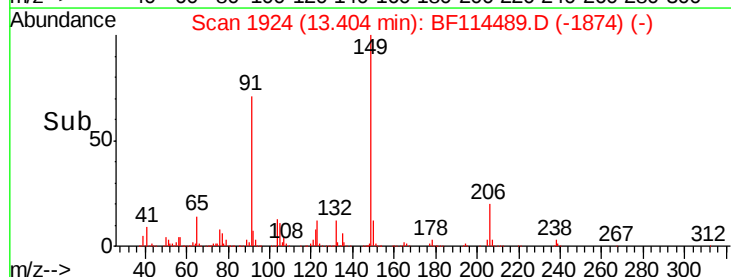
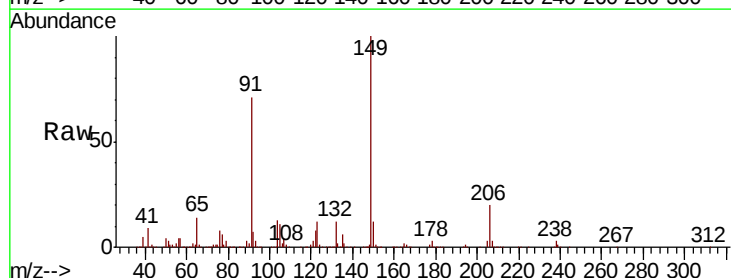
Tgt Ion:149 Resp: 810539

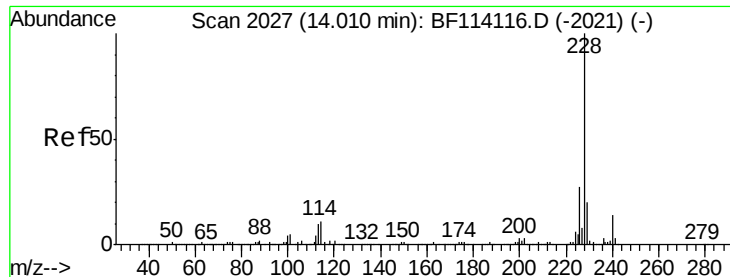
Ion Ratio Lower Upper

149 100

91 70.7 55.0 82.4

206 20.2 16.9 25.3





#81

Benzo(a)anthracene

Concen: 41.582 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF114489.D

Acq: 22 May 2019 18:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1458466

Ion Ratio Lower Upper

228 100

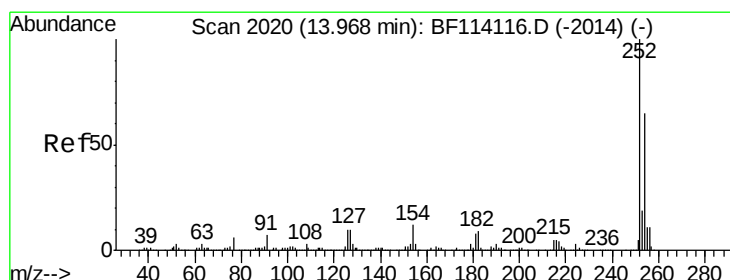
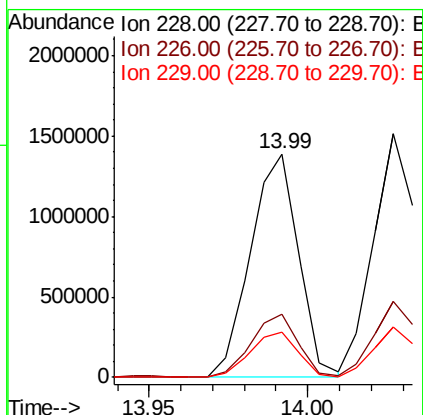
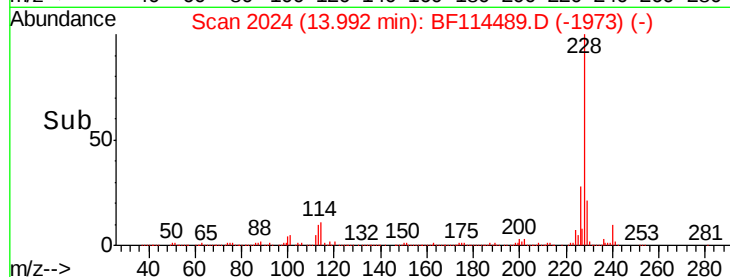
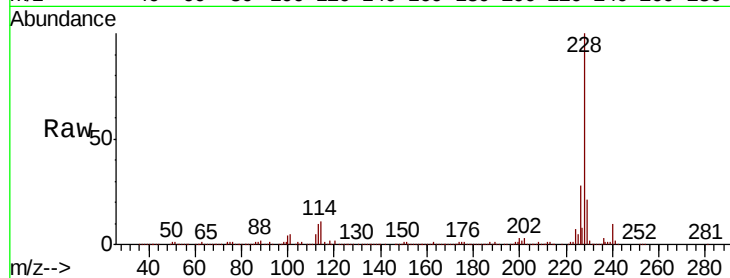
226 28.1 22.2 33.2

229 20.6 16.4 24.6

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#82

3,3'-Dichlorobenzidine

Concen: 40.675 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF114489.D

Acq: 22 May 2019 18:02

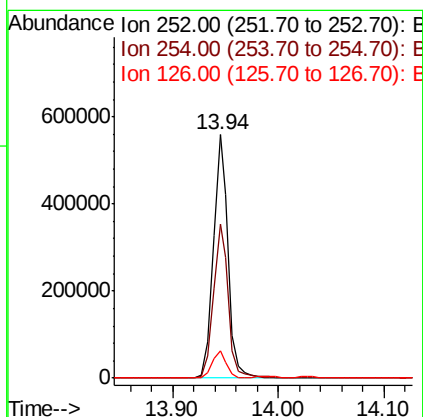
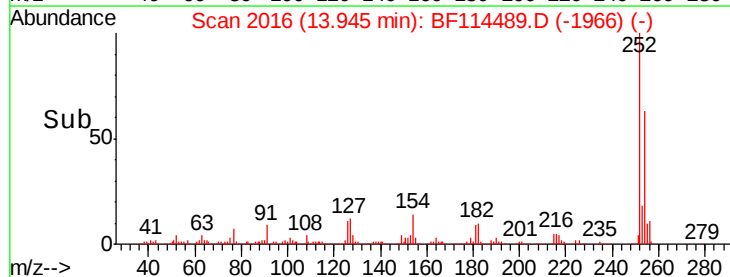
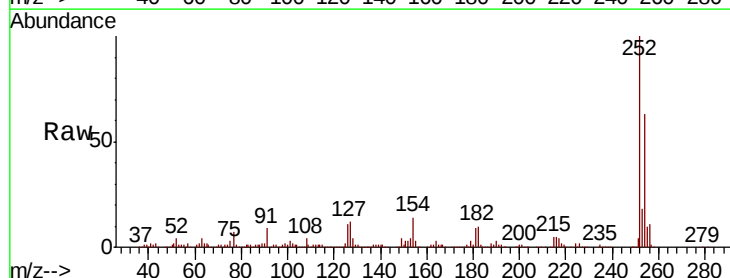
Tgt Ion:252 Resp: 553432

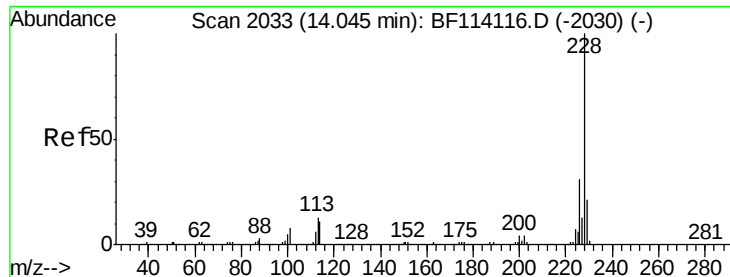
Ion Ratio Lower Upper

252 100

254 63.3 51.9 77.9

126 11.3 7.9 11.9





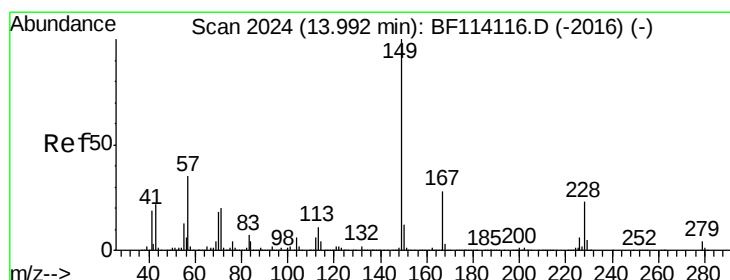
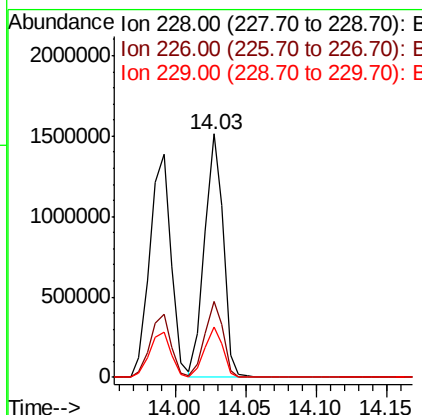
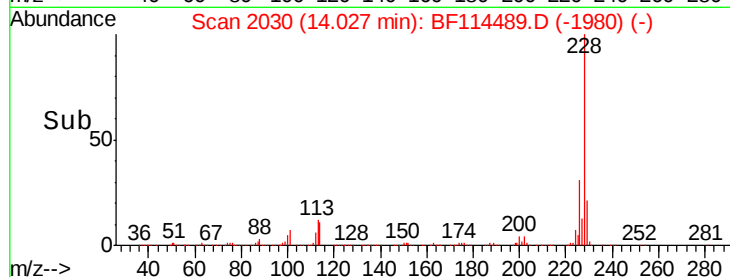
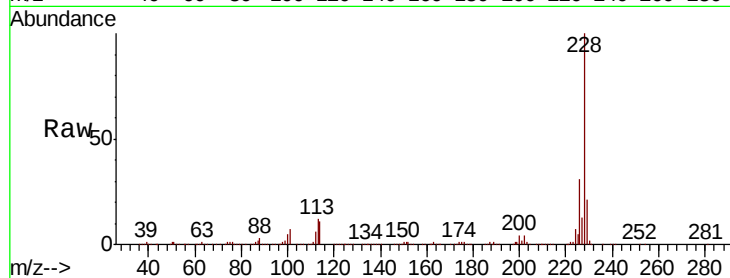
#83
 Chrysene
 Concen: 40.462 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF114489.D
 Acq: 22 May 2019 18:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.5	17.0	25.6

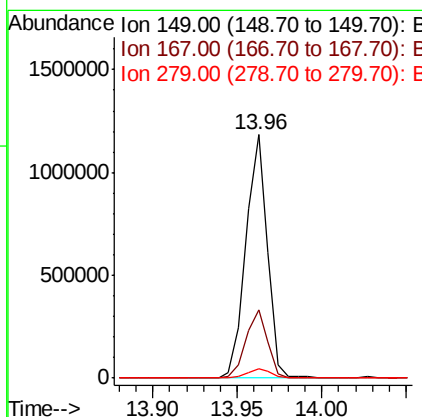
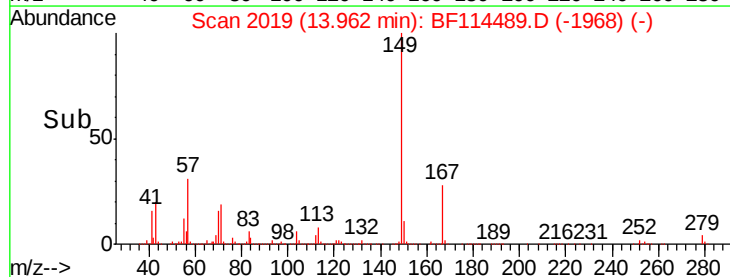
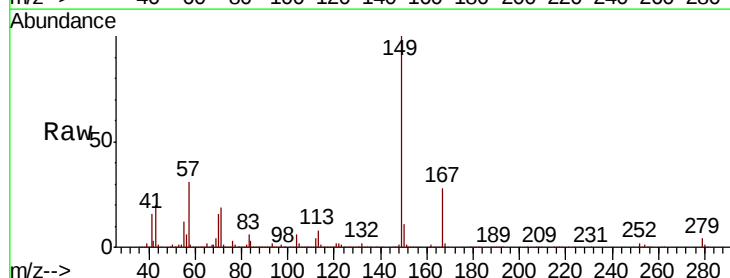
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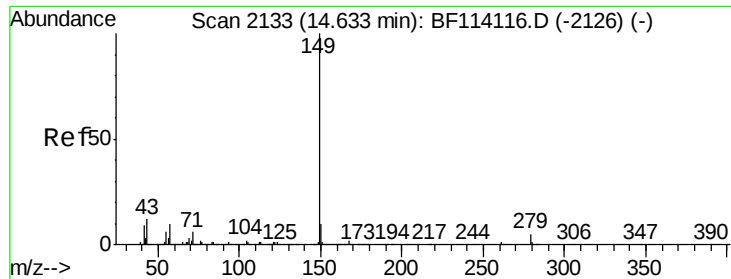
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.884 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF114489.D
 Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.6	33.8
279	3.9	3.0	4.6





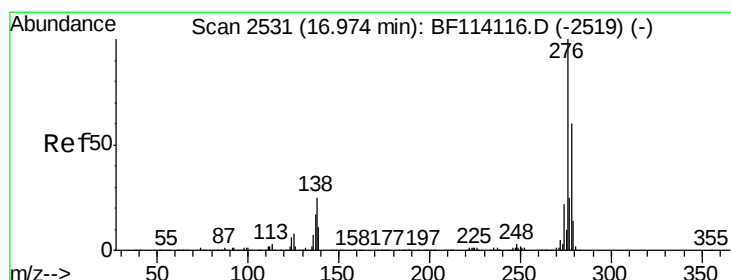
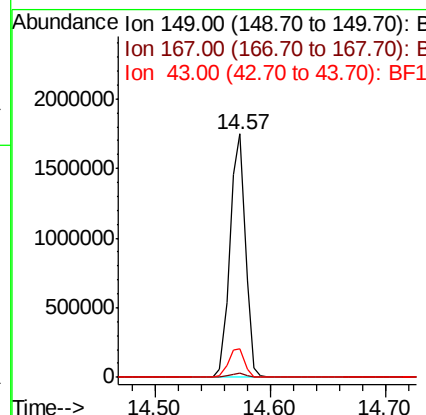
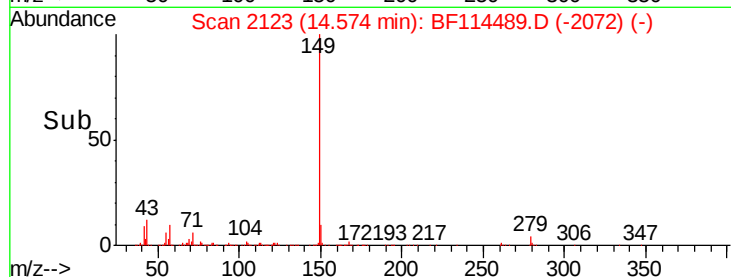
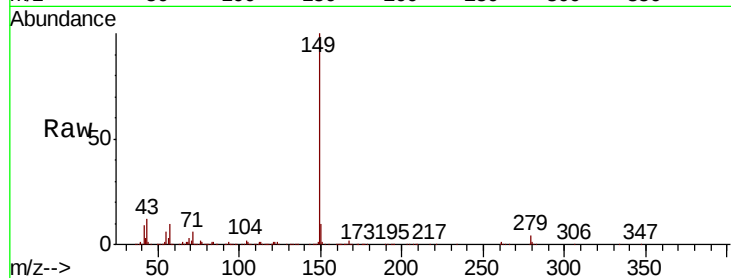
#85
Di-n-octyl phthalate
Concen: 41.706 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.2	10.1	15.1

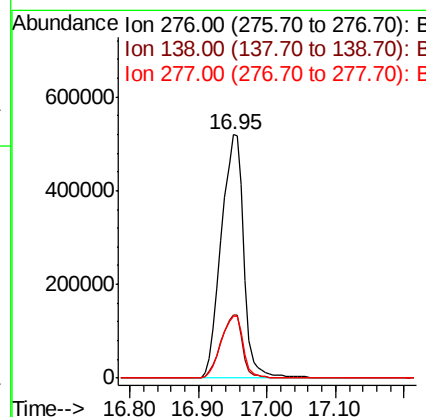
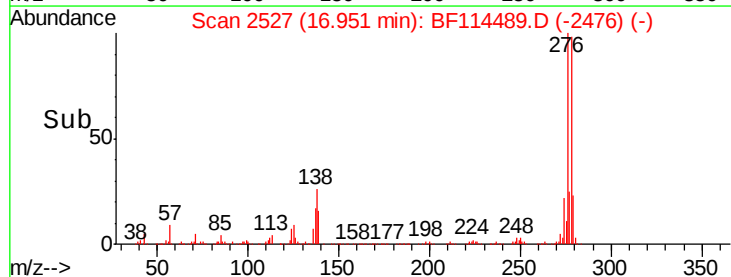
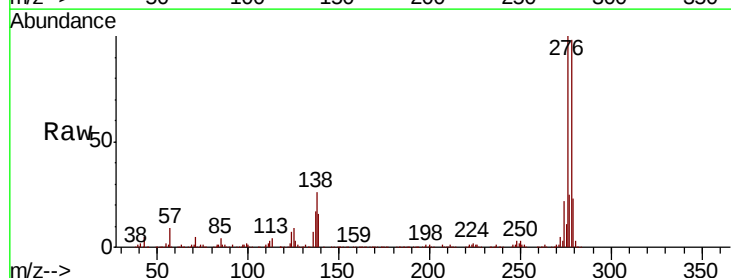
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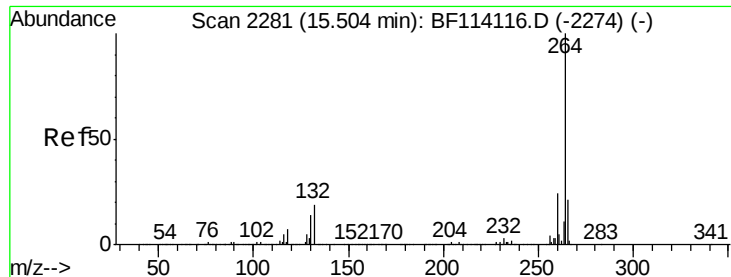
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.157 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.2	30.2
277	25.2	20.0	30.0





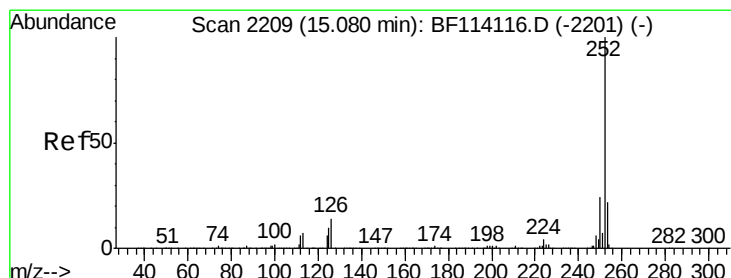
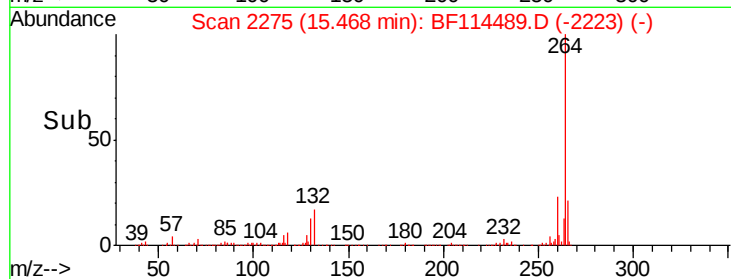
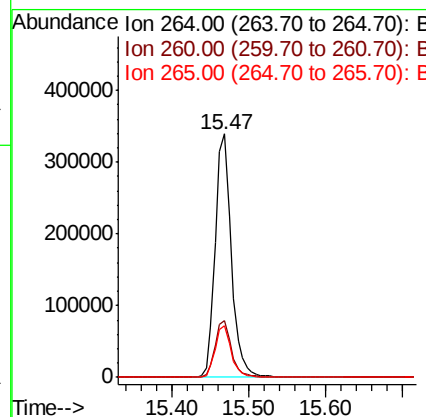
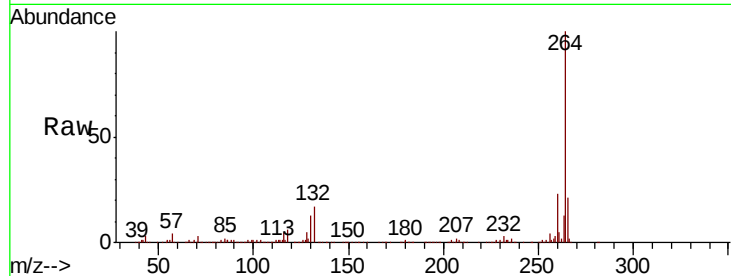
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.01 min
 Lab File: BF114489.D
 Acq: 22 May 2019 18:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.0
265	21.4	16.9	25.3

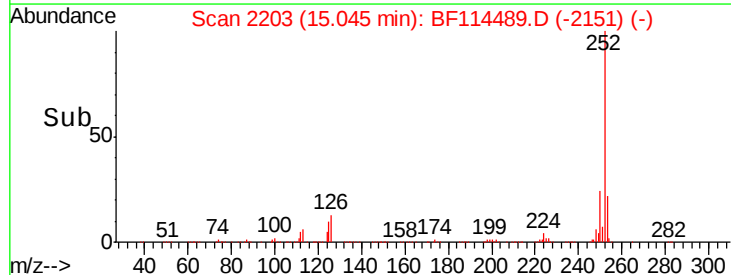
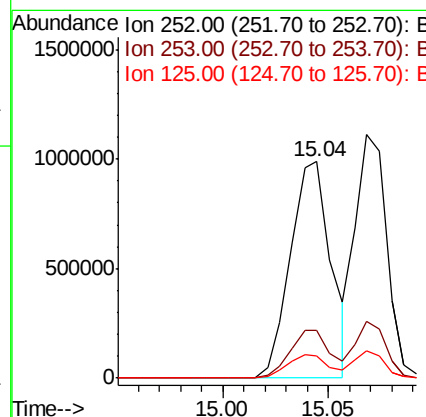
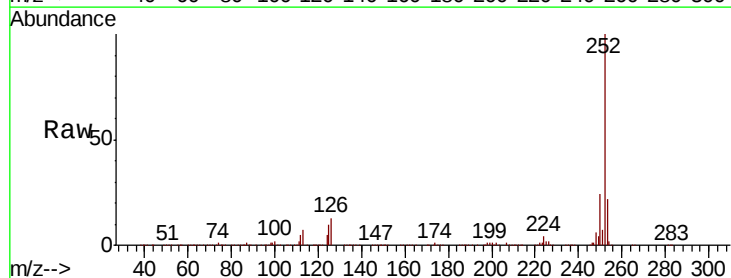
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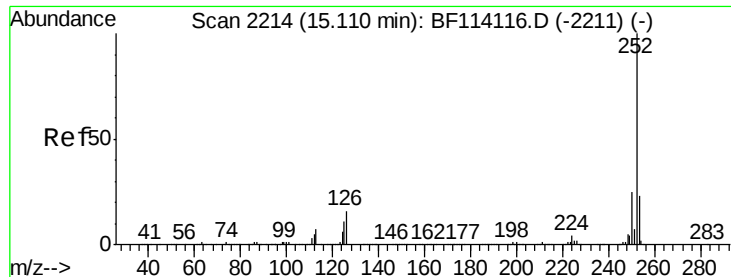
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#88
 Benzo(b)fluoranthene
 Concen: 42.506 ng
 RT: 15.04 min Scan# 2203
 Delta R.T. 0.01 min
 Lab File: BF114489.D
 Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	10.0	8.3	12.5





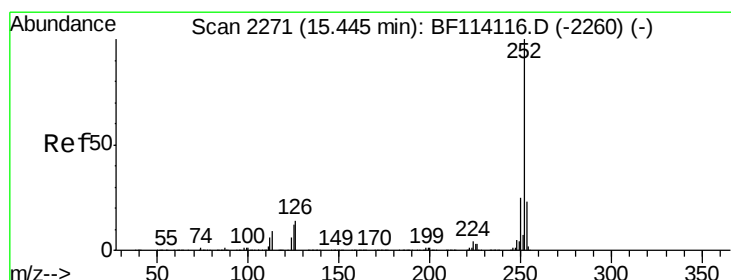
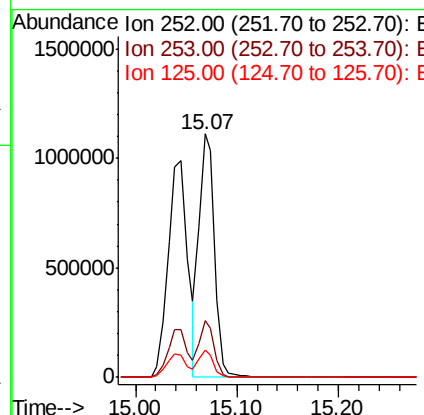
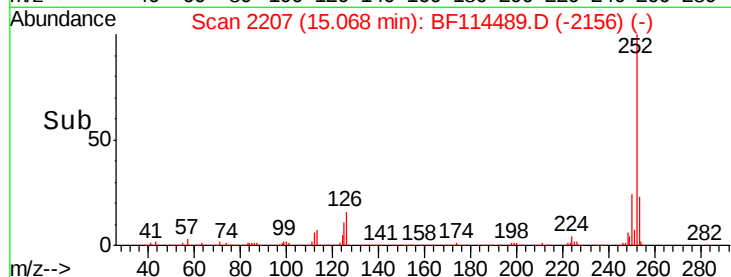
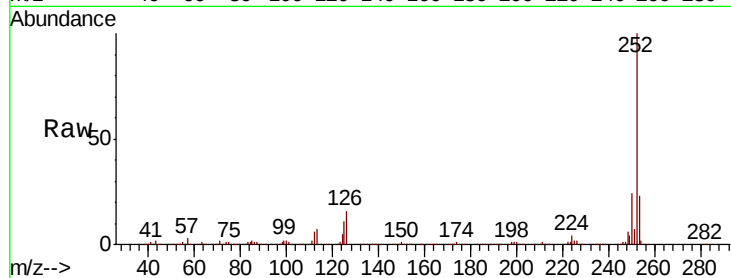
#89
Benzo(k)fluoranthene
Concen: 40.838 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	11.2	8.6	13.0

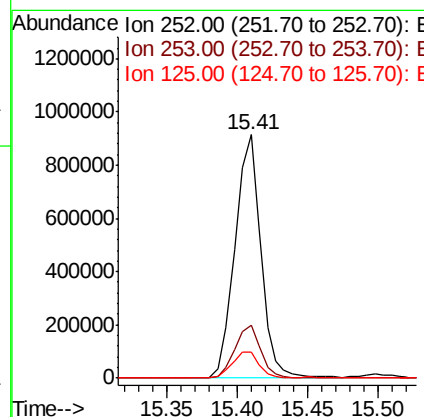
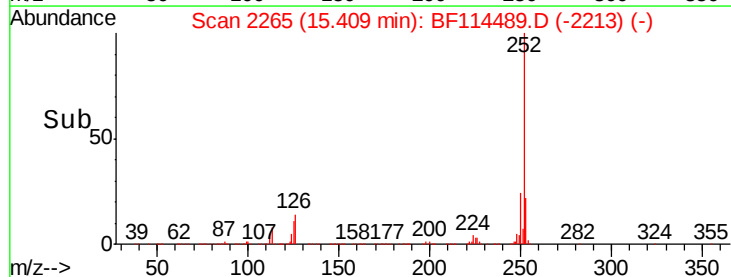
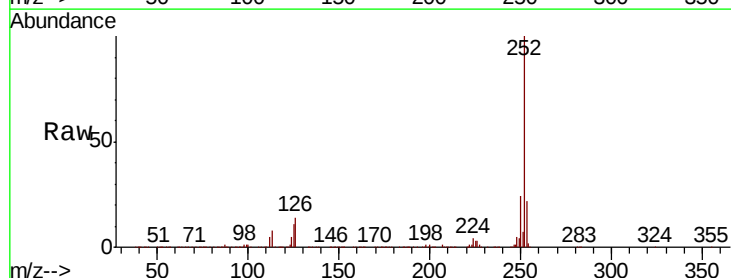
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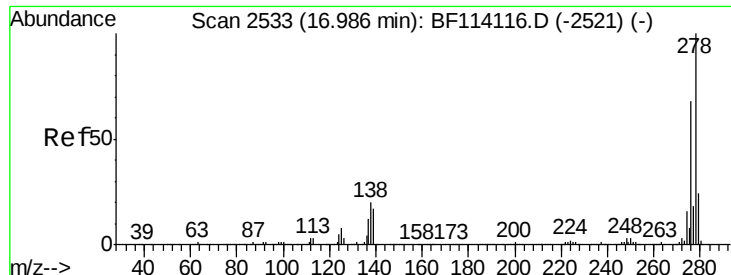
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#90
Benzo(a)pyrene
Concen: 42.619 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	10.7	9.5	14.3





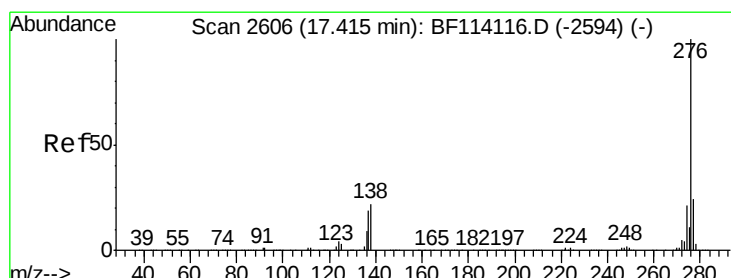
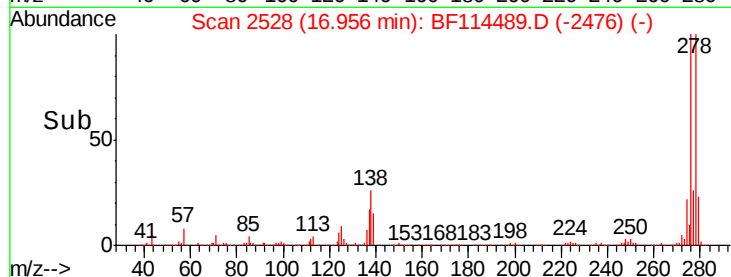
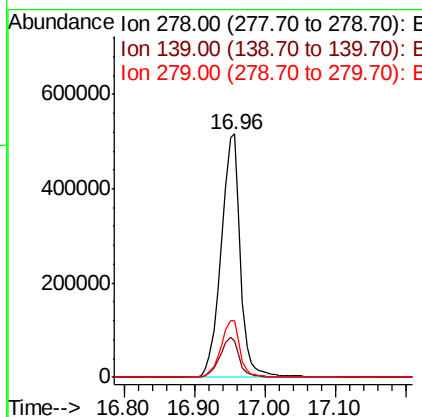
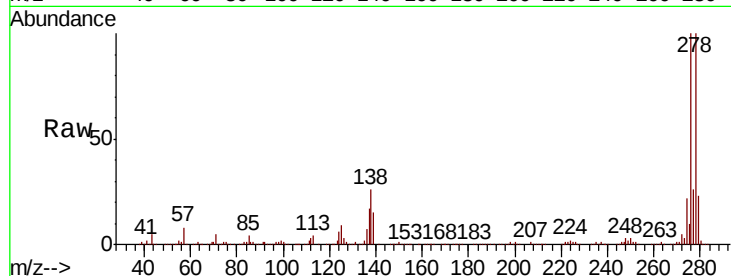
#91
Dibenzo(a,h)anthracene
Concen: 42.774 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.5	20.3
279	23.3	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 43.546 ng
RT: 17.39 min Scan# 2602
Delta R.T. 0.01 min
Lab File: BF114489.D
Acq: 22 May 2019 18:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	21.2	17.8	26.6

