

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
 Data File : BF112376.D
 Acq On : 4 Feb 2019 13:24
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 04 14:00:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	162287	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	627973	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	322750	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	632039	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	546076	20.00	ng	0.00
87) Perylene-d12	15.47	264	503503	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	739982	96.85	ng	-0.02
7) Phenol-d6	6.48	99	905205	85.26	ng	-0.01
23) Nitrobenzene-d5	7.40	82	863916	79.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	312735	83.25	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1720275	75.38	ng	-0.01
79) Terphenyl-d14	12.94	244	2069083	71.36	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.59	88	156130	51.297	ng	96
3) Pyridine	3.34	79	389334	50.287	ng	97
4) n-Nitrosodimethylamine	3.29	42	163114	50.146	ng	92
6) Aniline	6.50	93	544357	43.103	ng	# 73
8) 2-Chlorophenol	6.63	128	425637	41.411	ng	98
9) Benzaldehyde	6.39	77	221627	39.939	ng	98
10) Phenol	6.50	94	498800	42.824	ng	90
11) bis(2-Chloroethyl)ether	6.57	93	373306	40.709	ng	97
12) 1,3-Dichlorobenzene	6.77	146	475401	39.716	ng	99
13) 1,4-Dichlorobenzene	6.85	146	488753	39.674	ng	99
14) 1,2-Dichlorobenzene	7.00	146	455729	39.511	ng	96
15) Benzyl Alcohol	6.98	79	349095	39.007	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	470941	39.998	ng	77
17) 2-Methylphenol	7.10	107	321225	39.425	ng	93
18) Hexachloroethane	7.35	117	170480	39.408	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	290013	39.616	ng	96
20) 3+4-Methylphenols	7.25	107	424642	40.756	ng	# 86
22) Acetophenone	7.25	105	599090	39.179	ng	# 98
24) Nitrobenzene	7.42	77	432425	39.728	ng	94
25) Isophorone	7.66	82	681364	39.852	ng	99
26) 2-Nitrophenol	7.73	139	236859	40.720	ng	92
27) 2,4-Dimethylphenol	7.77	122	323324	40.344	ng	95
28) bis(2-Chloroethoxy)methane	7.86	93	457627	39.309	ng	99
29) 2,4-Dichlorophenol	7.99	162	367515	40.978	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	409337	39.707	ng	99
31) Naphthalene	8.14	128	1163971	39.636	ng	98
32) Benzoic acid	7.92	122	179810	39.333	ng	99
33) 4-Chloroaniline	8.19	127	512974	40.117	ng	97
34) Hexachlorobutadiene	8.26	225	233413	38.584	ng	99
35) Caprolactam	8.57	113	134083	42.380	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	377798	39.792	ng	99
37) 2-Methylnaphthalene	8.83	142	790716	39.332	ng	97
38) 1-Methylnaphthalene	8.93	142	756100	39.239	ng	96
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	411128	38.797	ng	99

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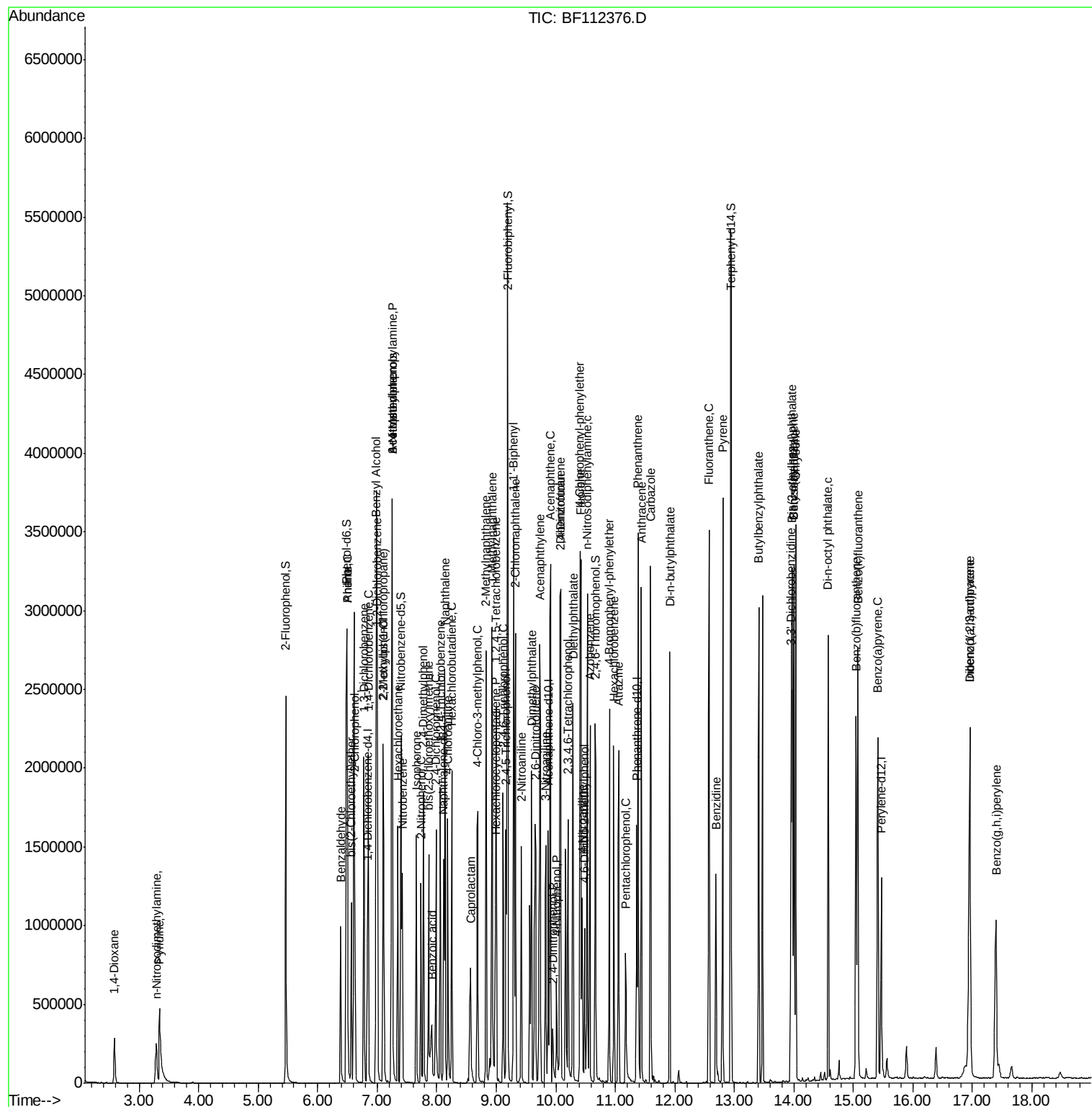
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	130670	38.175	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	259005	39.651	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	268515	39.332	nq	96
46) 1,1'-Biphenyl	9.29	154	1088685	38.584	nq	99
47) 2-Chloronaphthalene	9.32	162	840570	38.416	nq	97
48) 2-Nitroaniline	9.42	65	240862	40.388	nq	95
49) Acenaphthylene	9.73	152	1250793	39.001	nq	98
50) Dimethylphthalate	9.59	163	982355	39.175	nq	99
51) 2,6-Dinitrotoluene	9.66	165	222553	39.628	nq	99
52) Acenaphthene	9.91	154	745870	38.933	nq	98
53) 3-Nitroaniline	9.83	138	250289	41.137	nq	95
54) 2,4-Dinitrophenol	9.95	184	65847	36.534	nq	94
55) Dibenzofuran	10.08	168	1149477	39.263	nq	97
56) 4-Nitrophenol	10.01	139	127313	39.579	nq	92
57) 2,4-Dinitrotoluene	10.07	165	293916	41.109	nq	# 86
58) Fluorene	10.42	166	873364	39.864	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	229030	44.393	nq	98
60) Diethylphthalate	10.29	149	966011	38.819	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	461127	38.693	nq	94
62) 4-Nitroaniline	10.45	138	257808	43.200	nq	97
63) Azobenzene	10.57	77	861343	39.356	nq	94
65) 4,6-Dinitro-2-methylphenol	10.49	198	134878	38.062	nq	98
66) n-Nitrosodiphenylamine	10.53	169	839270	39.400	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	288050	38.749	nq	96
68) Hexachlorobenzene	10.98	284	315180	39.519	nq	95
69) Atrazine	11.06	200	248356	36.133	nq	99
70) Pentachlorophenol	11.17	266	125418	40.414	nq	99
71) Phenanthrene	11.39	178	1293930	39.378	nq	100
72) Anthracene	11.44	178	1330014	40.634	nq	99
73) Carbazole	11.59	167	1317959	40.820	nq	99
74) Di-n-butylphthalate	11.92	149	1507729	37.622	nq	98
75) Fluoranthene	12.57	202	1386912	39.353	nq	99
77) Benzidine	12.69	184	539316	35.883	nq	97
78) Pyrene	12.80	202	1429485	37.810	nq	99
80) Butylbenzylphthalate	13.41	149	656311	35.880	nq	96
81) Benzo(a)anthracene	13.99	228	1263172	39.350	nq	98
82) 3,3'-Dichlorobenzidine	13.95	252	487579	40.585	nq	100
83) Chrysene	14.03	228	1207806	39.416	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	910431	35.064	nq	100
85) Di-n-octyl phthalate	14.58	149	1464184	36.652	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1043124	42.962	nq	97
88) Benzo(b)fluoranthene	15.04	252	1173792	38.981	nq	99
89) Benzo(k)fluoranthene	15.07	252	1135028	39.352	nq	99
90) Benzo(a)pyrene	15.41	252	1069436	39.471	nq	98
91) Dibenzo(a,h)anthracene	16.96	278	874030	40.026	nq	99
92) Benzo(g,h,i)perylene	17.40	276	833443	40.455	nq	96

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

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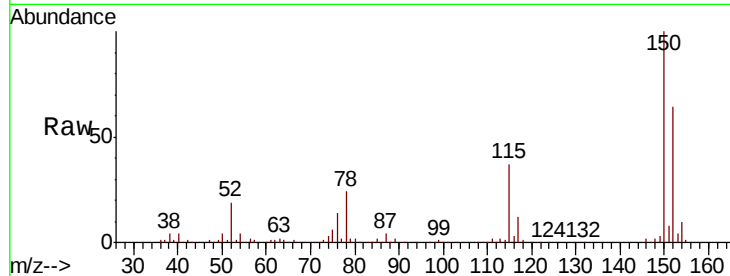


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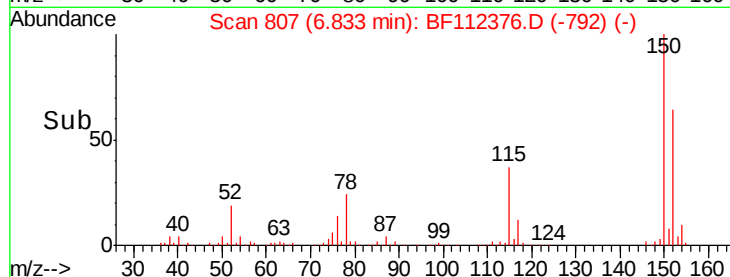
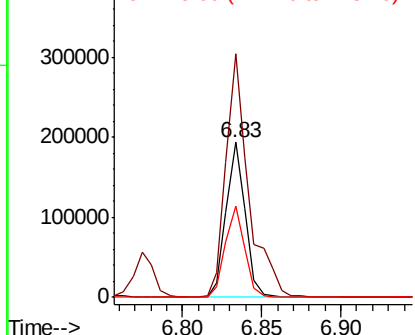
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 162287
Ion Ratio Lower Upper
152 100
150 157.0 127.4 191.0
115 58.7 45.5 68.3



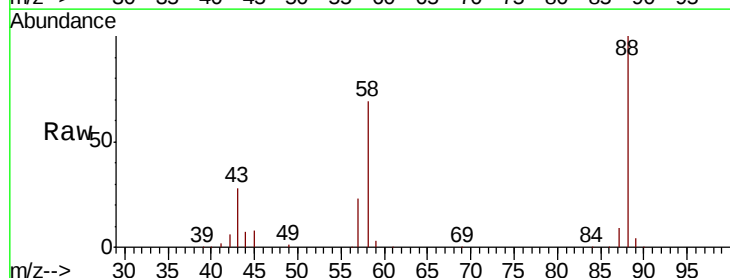
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



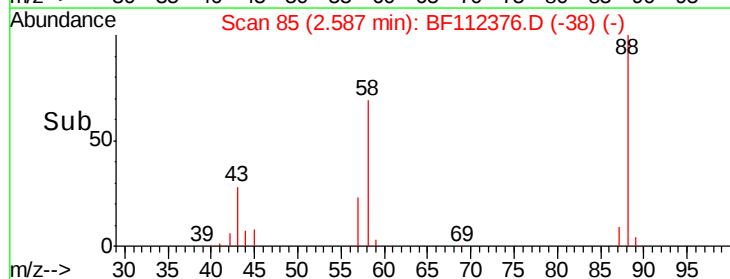
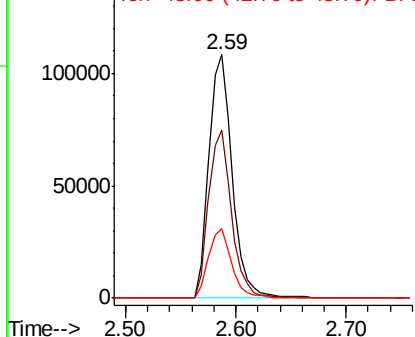
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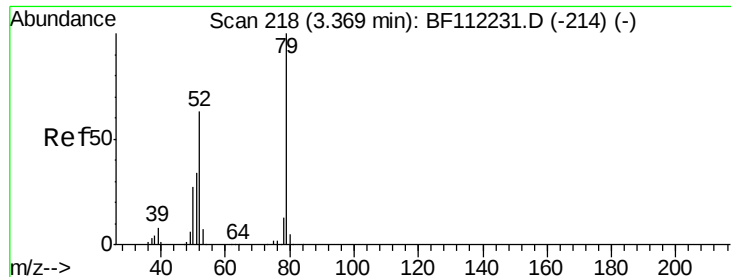
1,4-Dioxane
Concen: 51.297 ng
RT: 2.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion: 88 Resp: 156130
Ion Ratio Lower Upper
88 100
58 67.8 57.4 86.2
43 28.3 22.2 33.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 50.287 ng

RT: 3.34 min Scan# 213

Delta R.T. -0.03 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

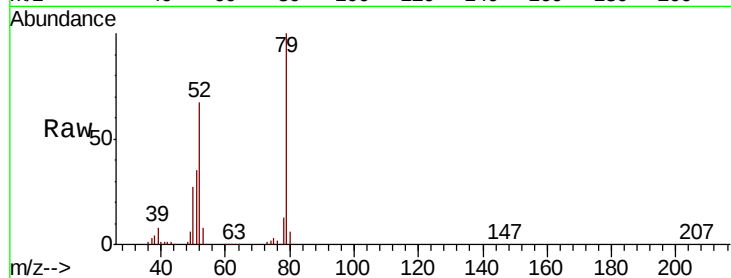
Tot Ion: 79 Resp: 389334

Ion Ratio Lower Upper

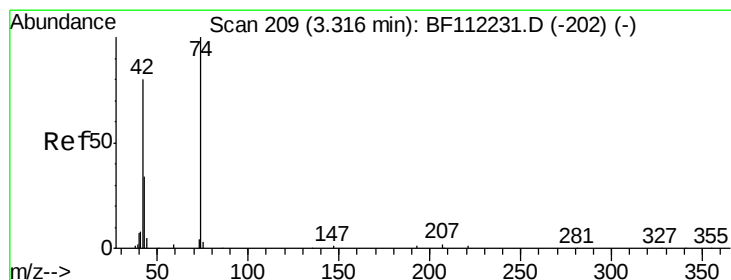
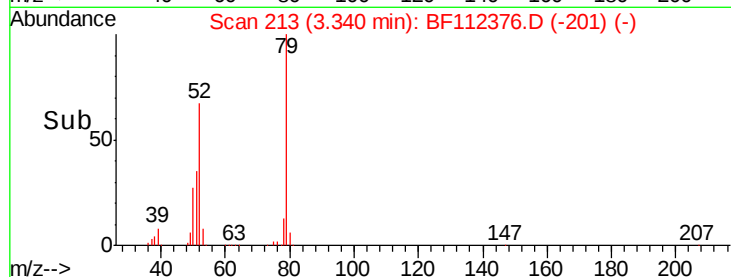
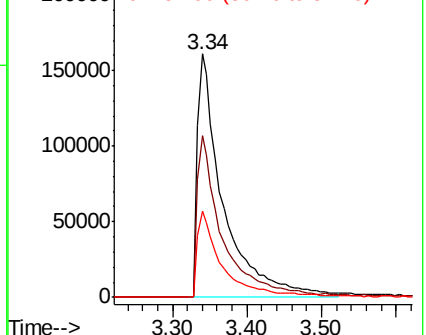
79 100

52 66.7 52.4 78.6

51 35.4 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 50.146 ng

RT: 3.29 min Scan# 205

Delta R.T. -0.02 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

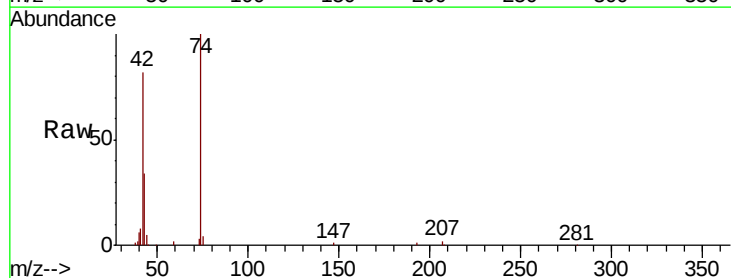
Tgt Ion: 42 Resp: 163114

Ion Ratio Lower Upper

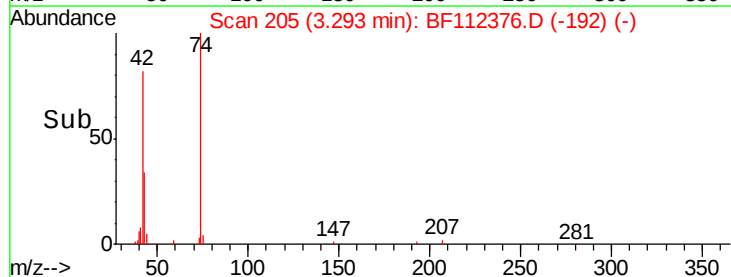
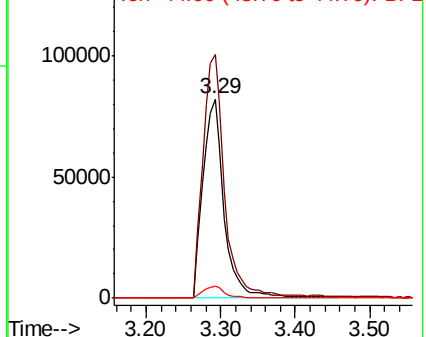
42 100

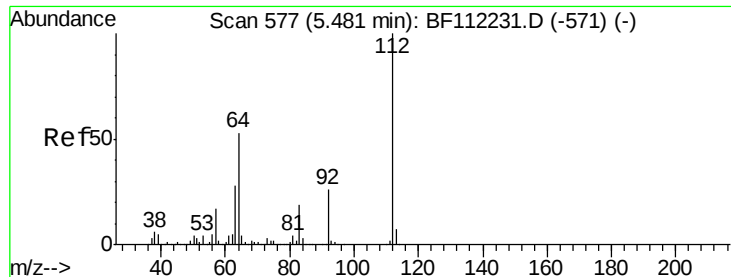
74 122.2 105.6 158.4

44 6.3 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 96.851 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF112376.D

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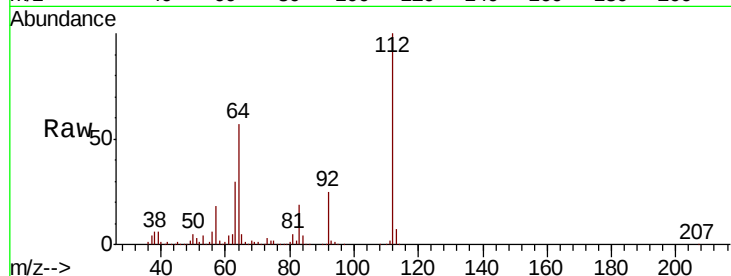
Tot Ion:112 Resp: 739982

Ion Ratio Lower Upper

112 100

64 56.6 45.7 68.5

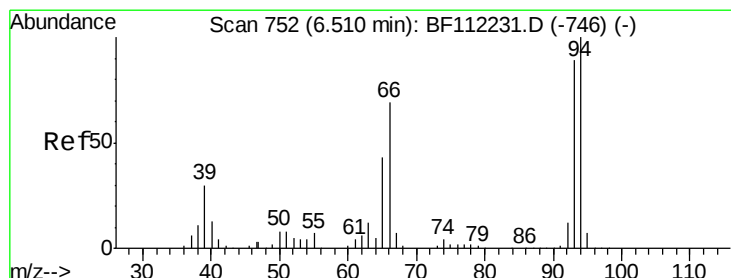
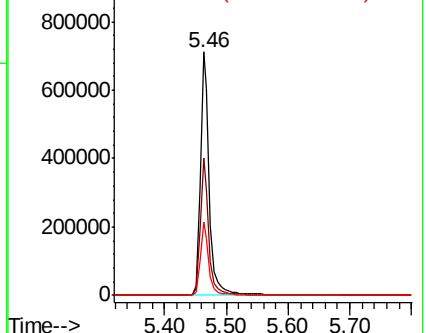
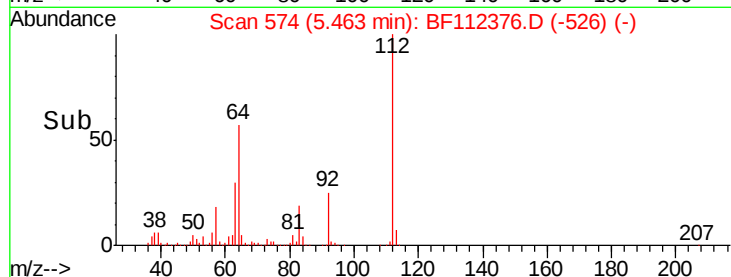
63 29.9 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 43.103 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

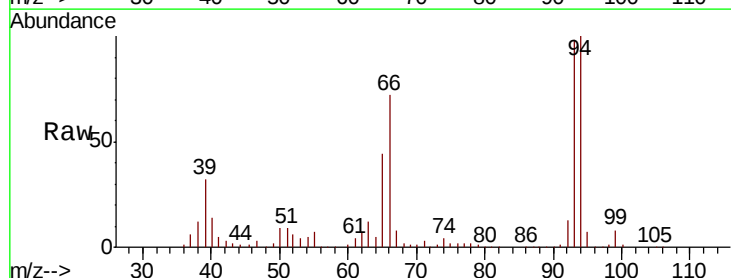
Tgt Ion: 93 Resp: 544357

Ion Ratio Lower Upper

93 100

66 74.1 43.4 65.2#

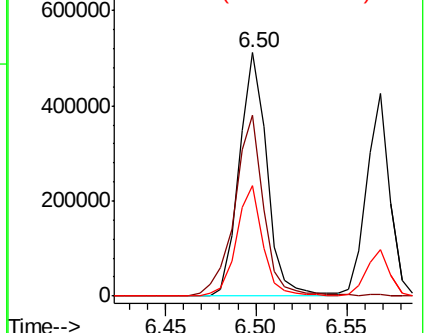
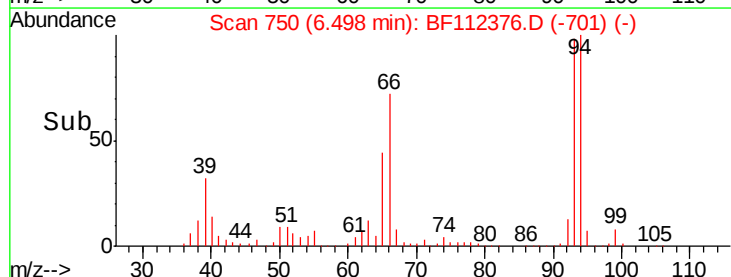
65 45.4 25.3 37.9#

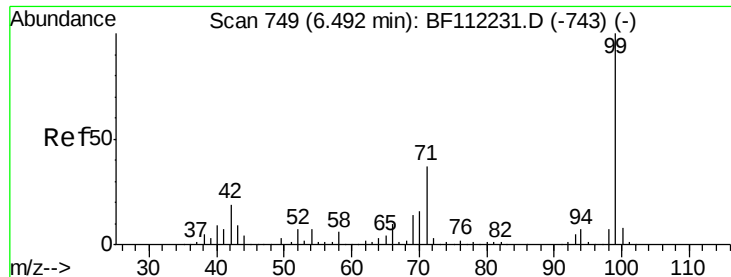


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.262 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

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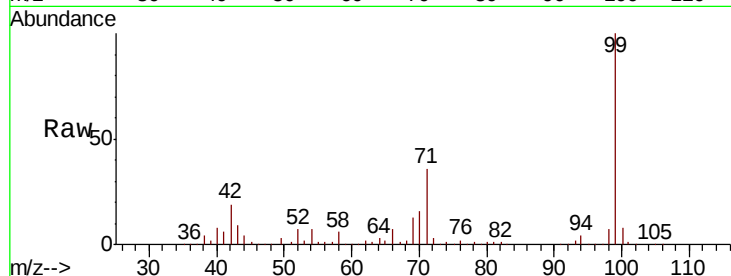
Tot Ion: 99 Resp: 905205

Ion Ratio Lower Upper

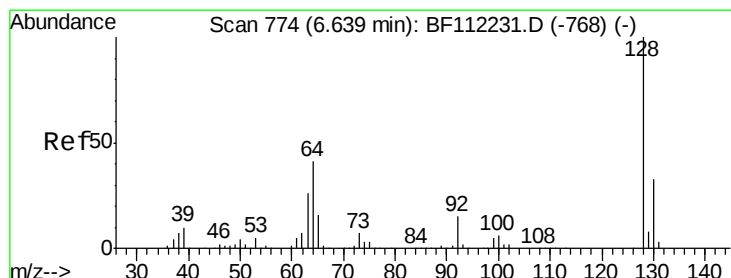
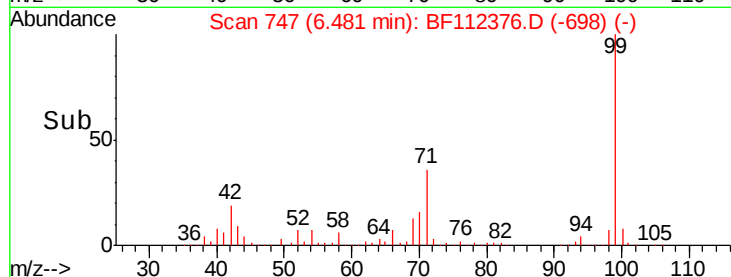
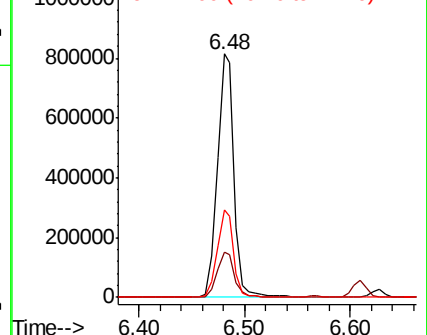
99 100

42 18.8 15.1 22.7

71 35.8 26.9 40.3



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: 41.411 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

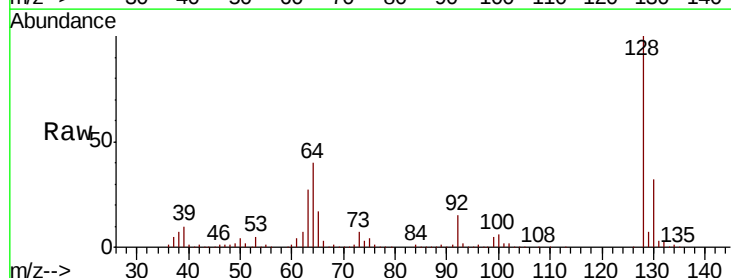
Tgt Ion: 128 Resp: 425637

Ion Ratio Lower Upper

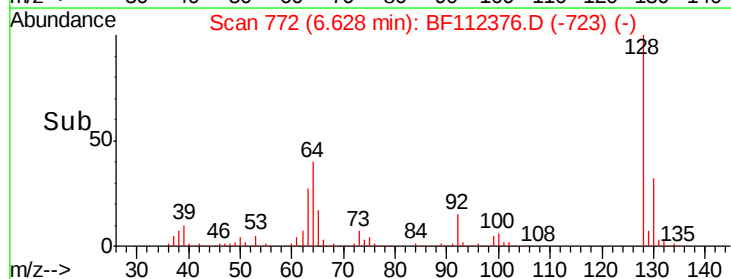
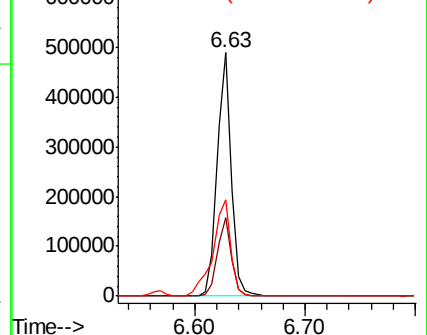
128 100

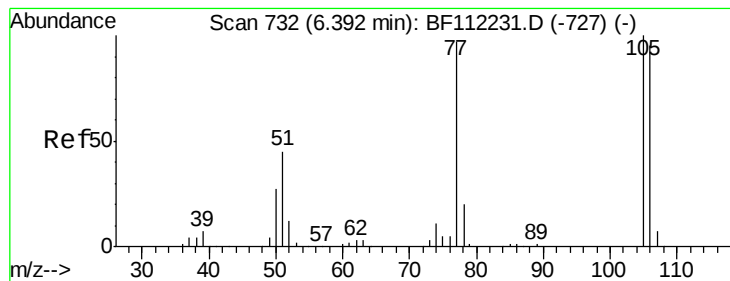
130 32.2 13.4 53.4

64 39.7 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.939 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

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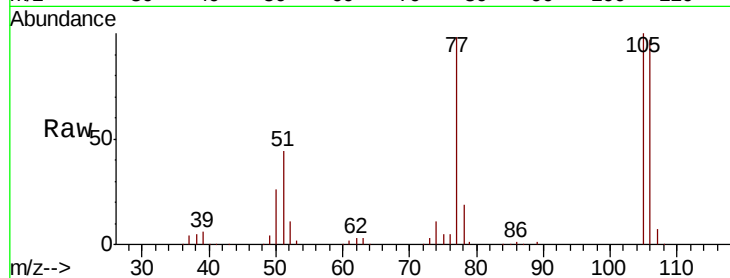
Tot Ion: 77 Resp: 221627

Ion Ratio Lower Upper

77 100

105 101.9 80.8 120.8

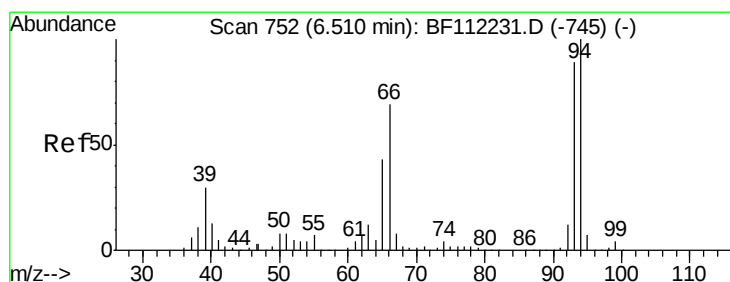
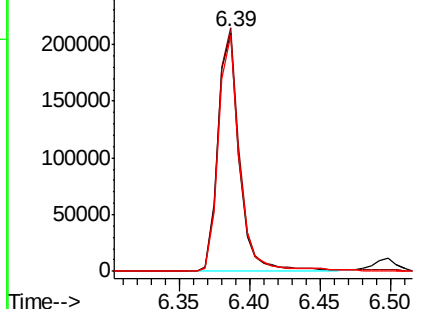
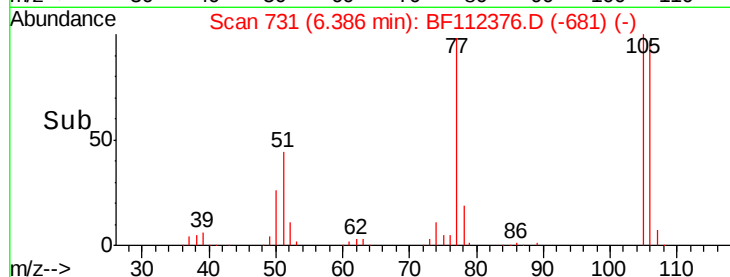
106 98.5 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.824 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

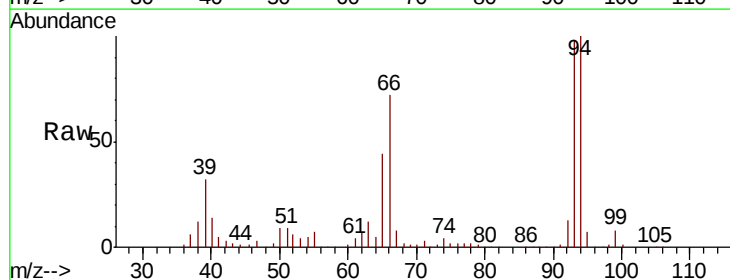
Tgt Ion: 94 Resp: 498800

Ion Ratio Lower Upper

94 100

65 44.3 20.3 60.3

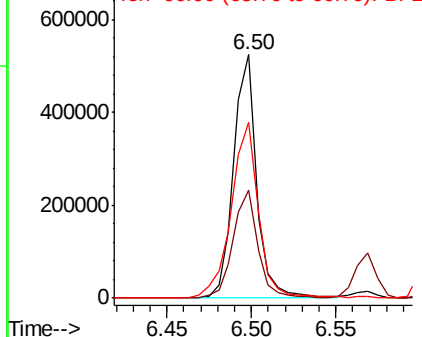
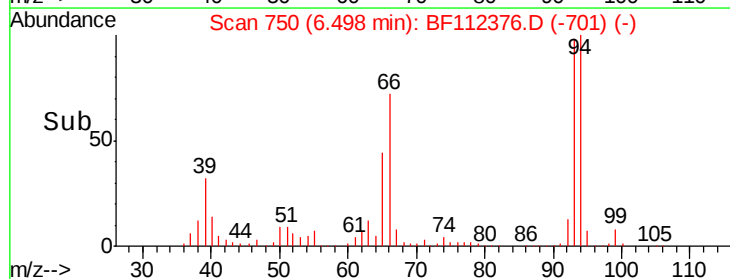
66 72.4 42.4 82.4

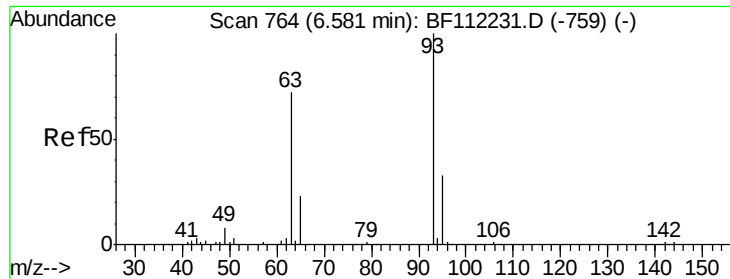


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

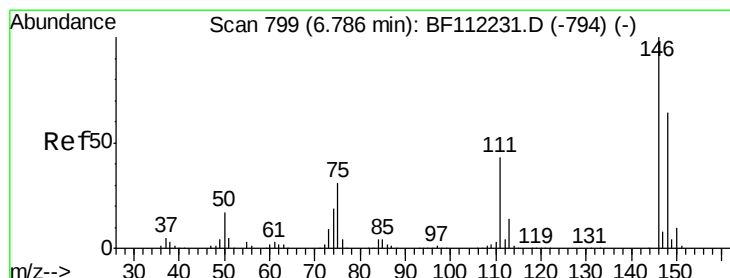
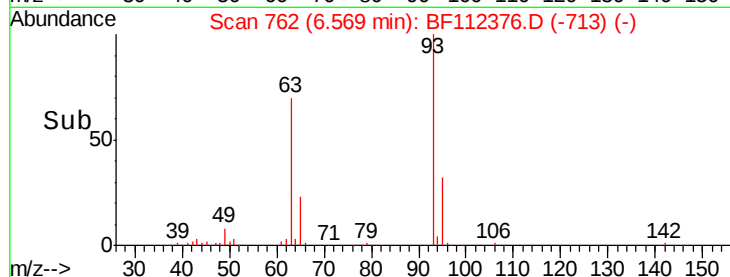
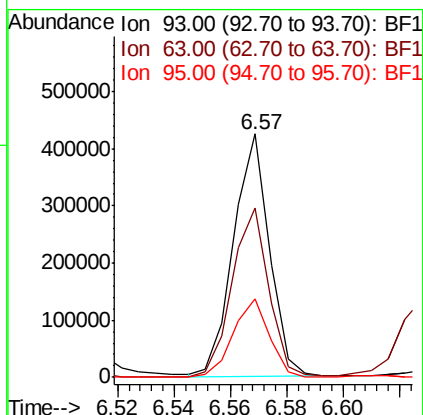
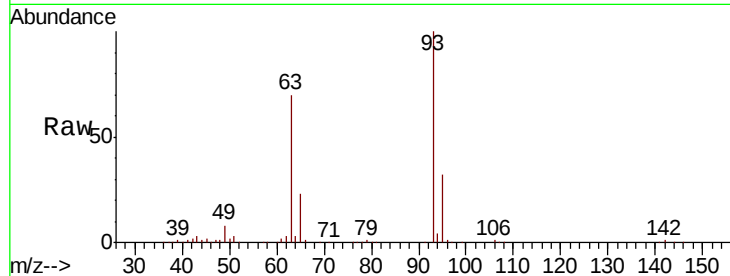




#11
bis(2-Chloroethyl)ether
Concen: 40.709 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

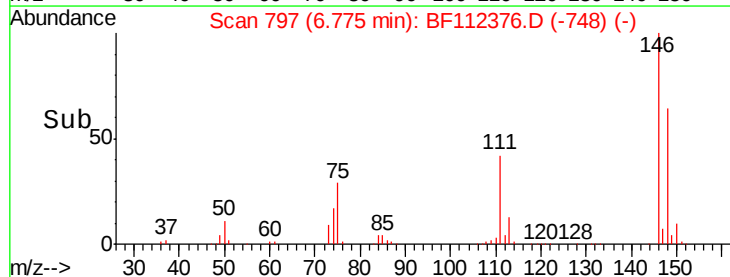
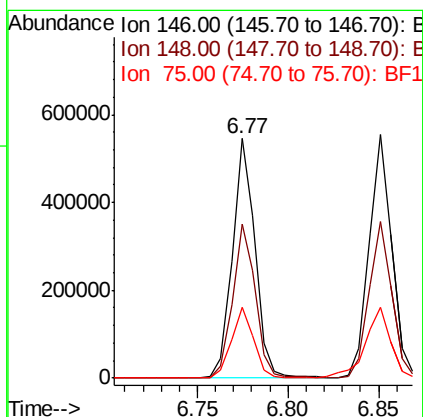
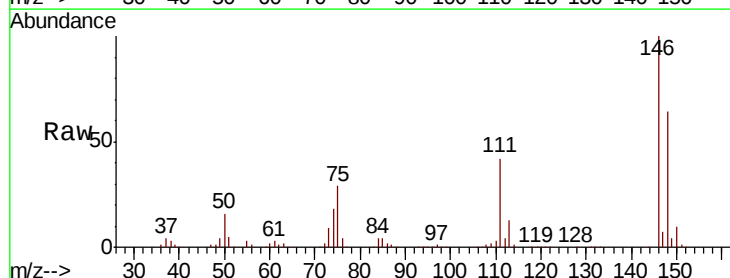
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

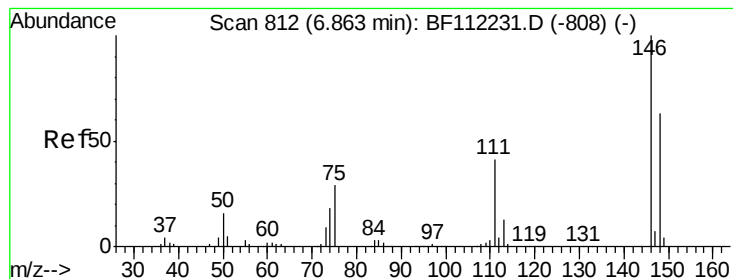
Tot Ion: 93 Resp: 373306
Ion Ratio Lower Upper
93 100
63 69.7 53.3 93.3
95 32.5 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 39.716 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion: 146 Resp: 475401
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
75 29.5 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 39.674 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

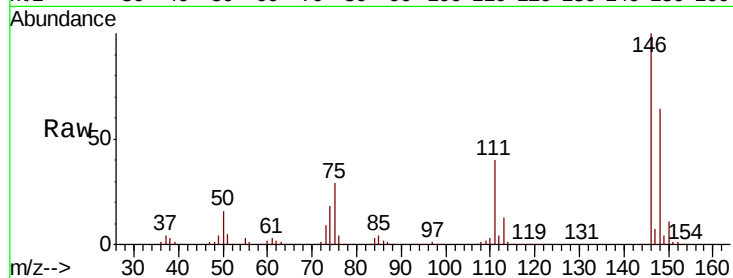
Tot Ion:146 Resp: 488753

Ion Ratio Lower Upper

146 100

148 64.3 52.0 78.0

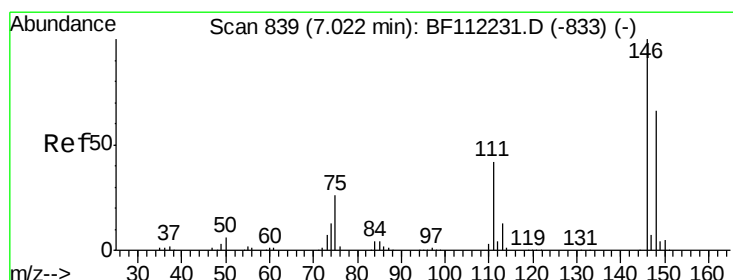
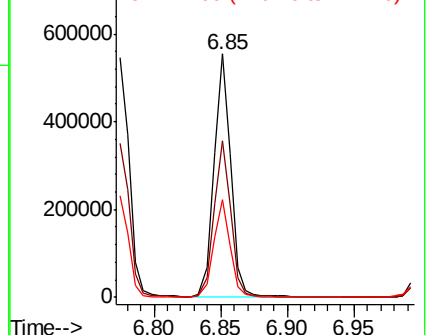
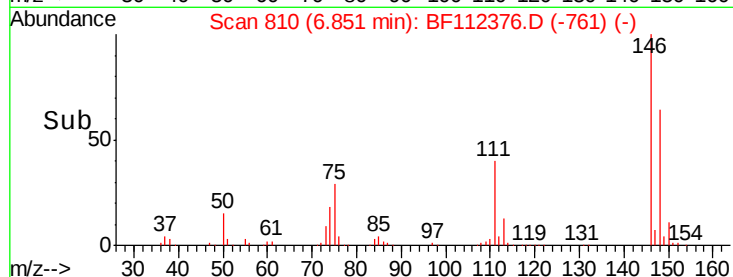
111 39.9 31.2 46.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.511 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

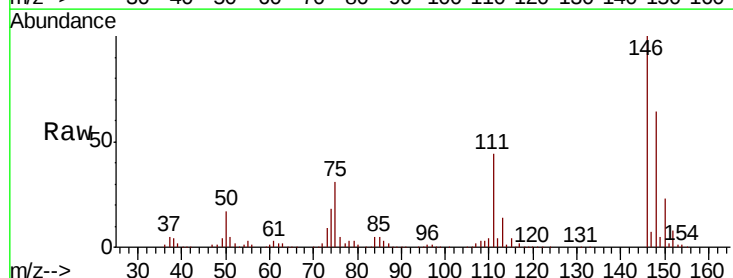
Tgt Ion:146 Resp: 455729

Ion Ratio Lower Upper

146 100

148 63.7 52.2 78.4

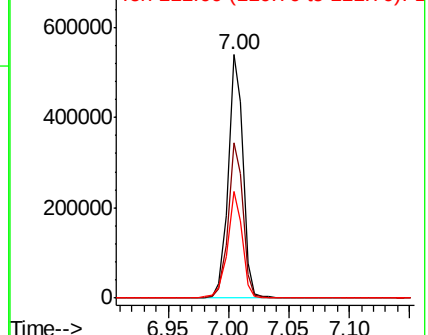
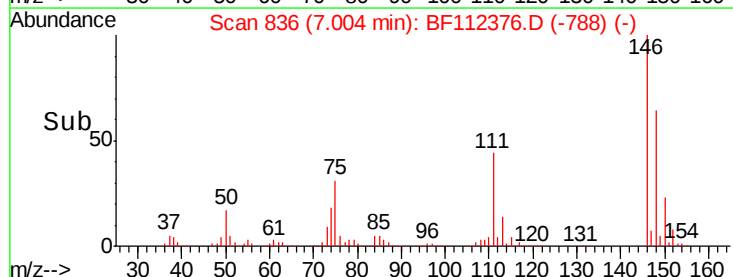
111 43.9 31.2 46.8

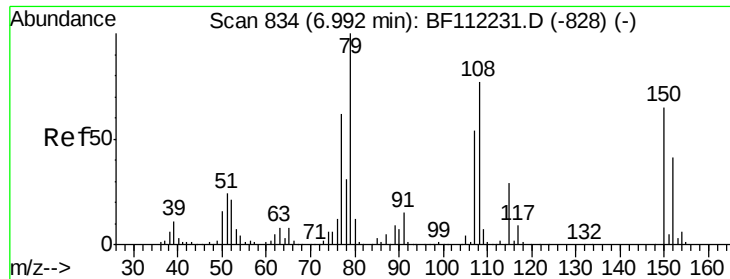


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.007 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

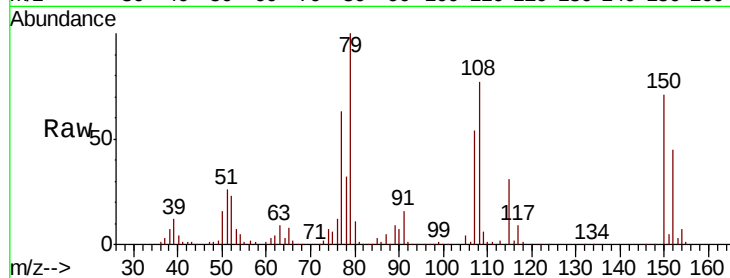
Tot Ion: 79 Resp: 349095

Ion Ratio Lower Upper

79 100

108 77.0 64.2 96.2

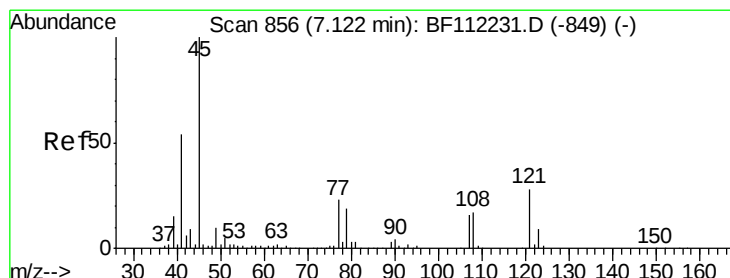
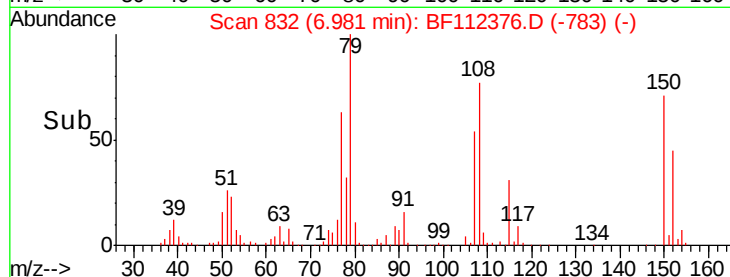
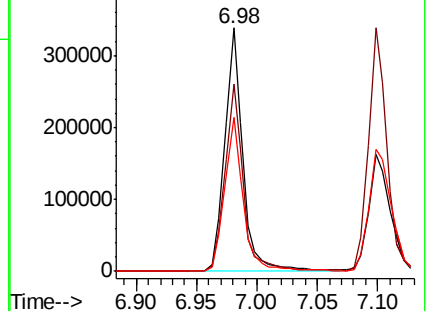
77 63.3 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.998 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

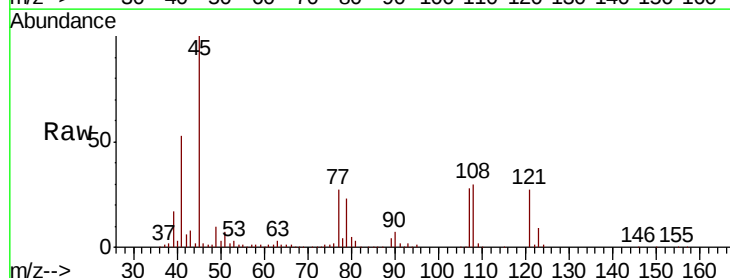
Tgt Ion: 45 Resp: 470941

Ion Ratio Lower Upper

45 100

77 27.0 0.0 36.9

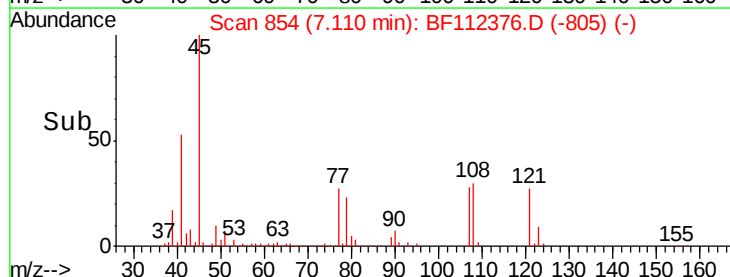
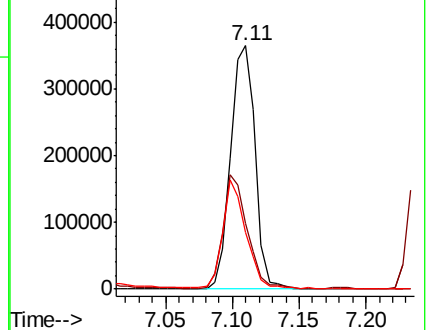
79 23.3 0.0 34.0

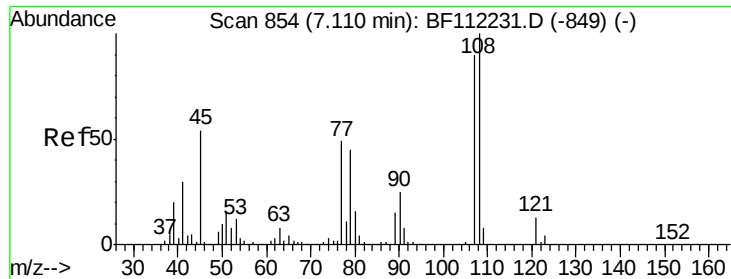


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

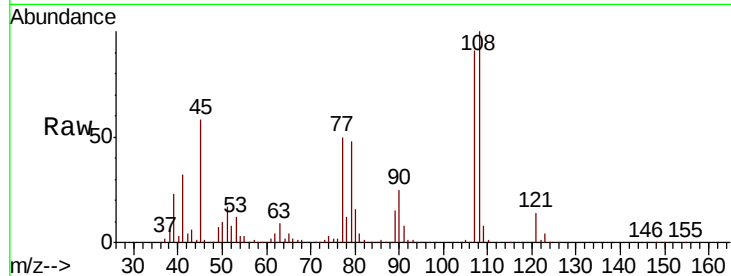




#17
2-Methylphenol
Concen: 39.425 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	321225
Ion	Ratio	Lower	Upper
107	100		
108	110.3	91.3	136.9
77	55.6	39.0	58.6
79	53.0	37.0	55.4



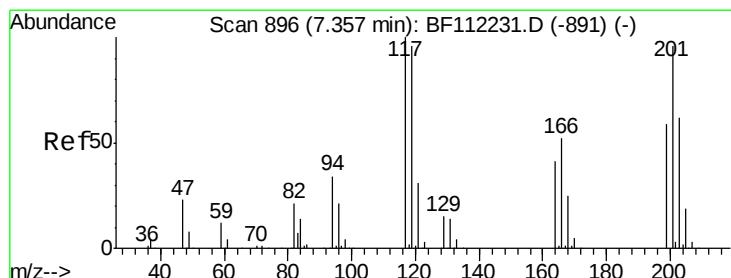
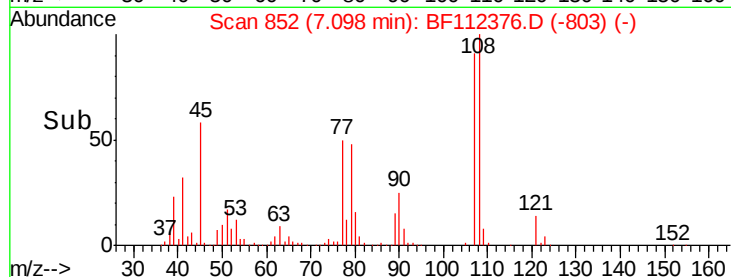
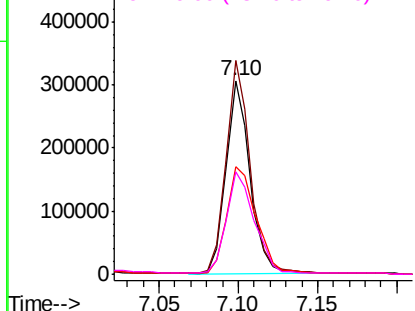
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

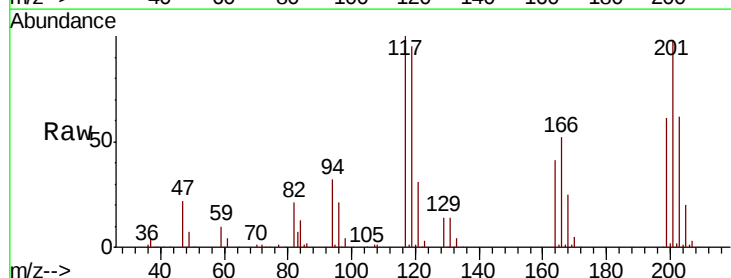
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.408 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion:	117	Resp:	170480
Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.0	115.4
201	98.2	74.1	111.1

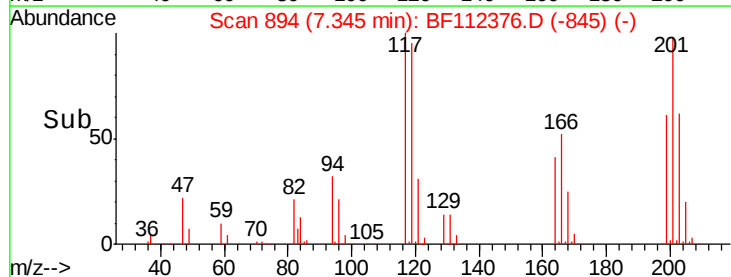
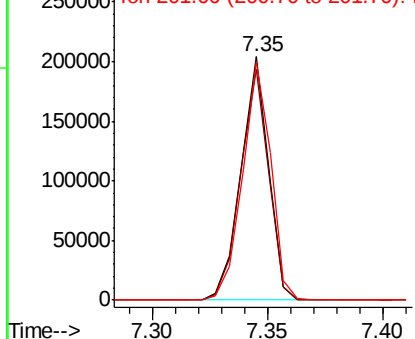


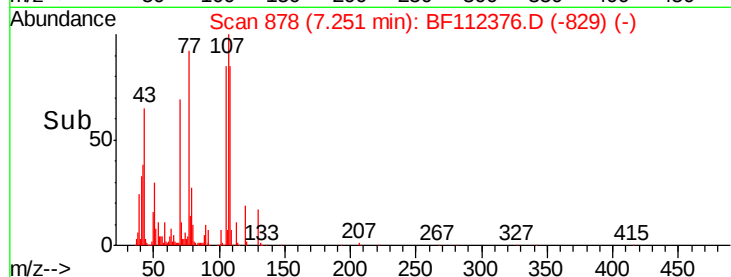
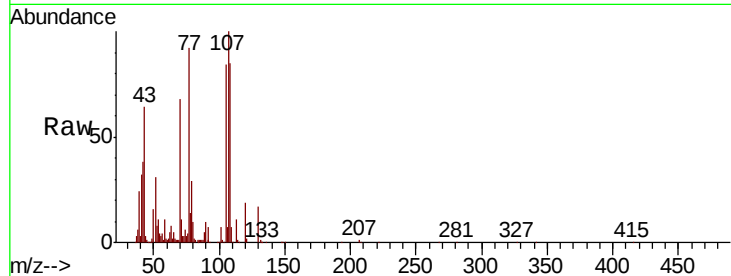
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

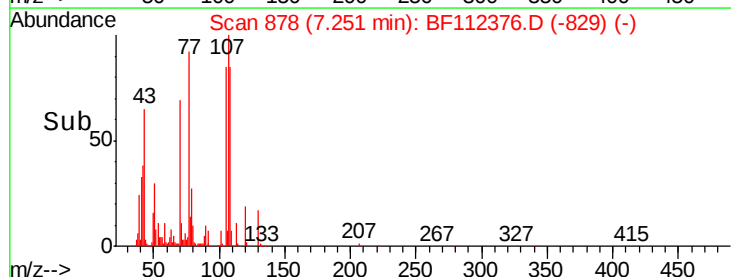
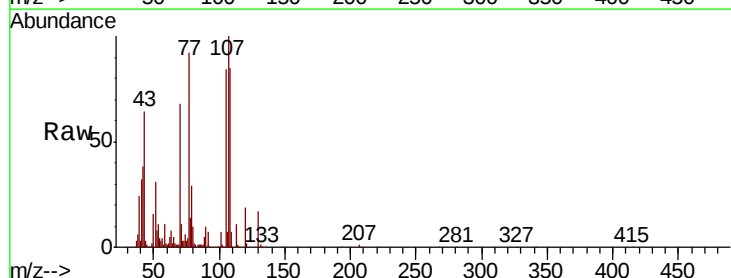
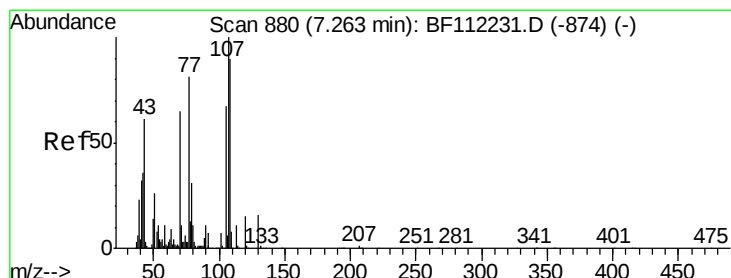
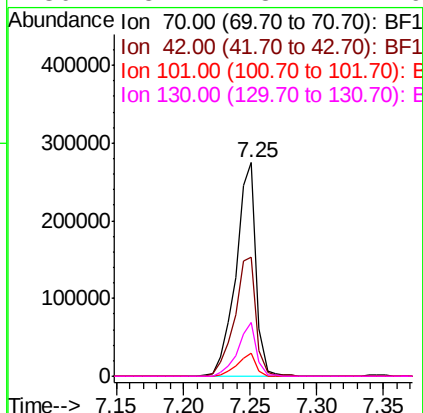




#19
n-Nitroso-di-n-propylamine
Concen: 39.616 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

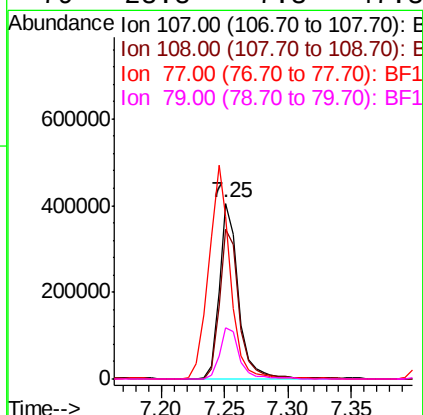
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

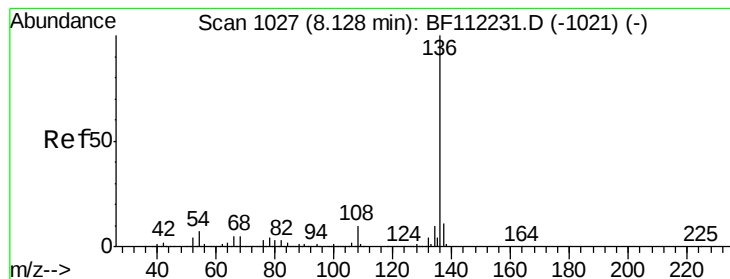
Tot Ion:	70	Resp:	290013
Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.6	71.4
101	10.7	7.9	11.9
130	25.1	18.4	27.6



#20
3+4-Methylphenols
Concen: 40.756 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion:	107	Resp:	424642
Ion	Ratio	Lower	Upper
107	100		
108	85.5	68.2	108.2
77	92.2	100.7	140.7
79	28.8	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 627973

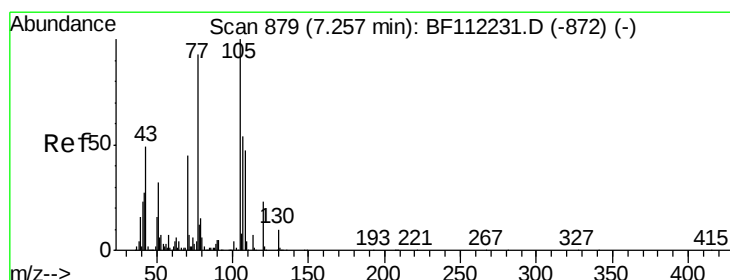
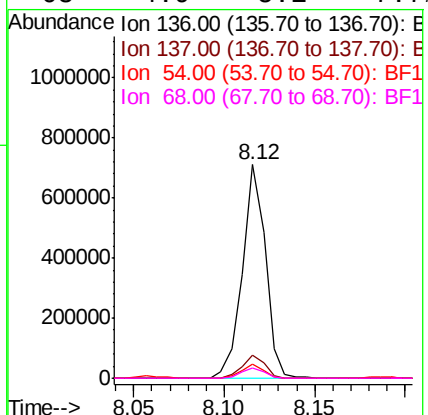
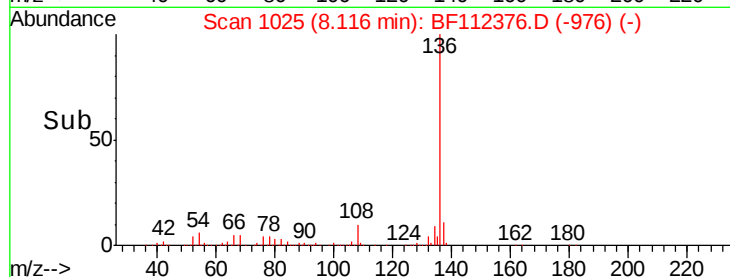
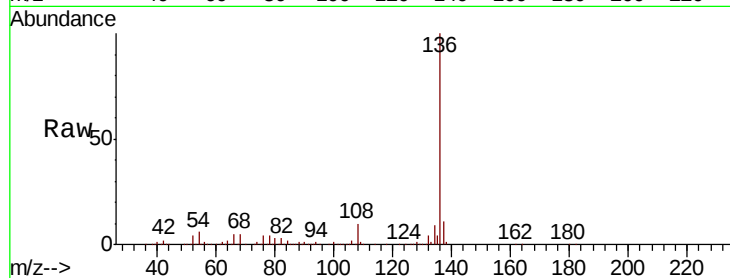
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.4 5.9 8.9

68 4.9 5.1 7.7#



#22

Acetophenone

Concen: 39.179 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Tgt Ion:105 Resp: 599090

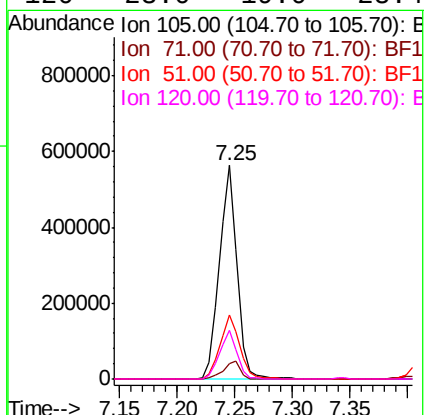
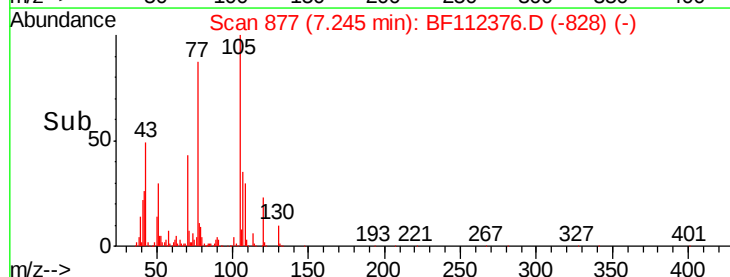
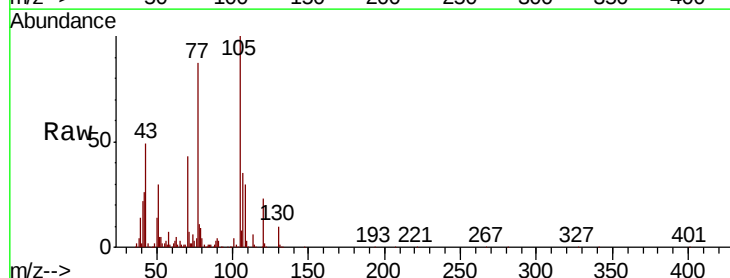
Ion Ratio Lower Upper

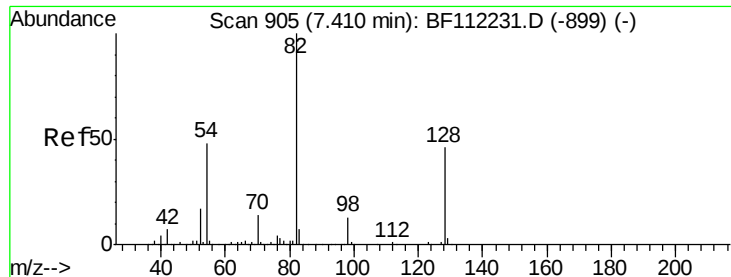
105 100

71 7.3 4.6 6.8#

51 30.0 25.0 37.6

120 23.0 19.0 28.4

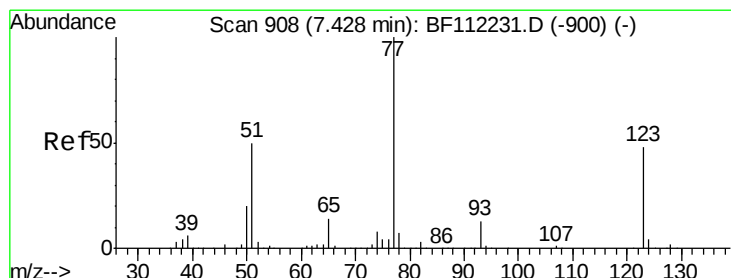
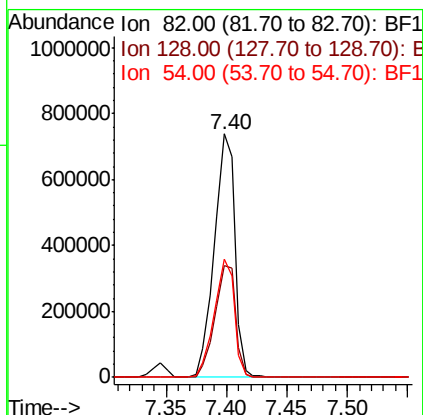
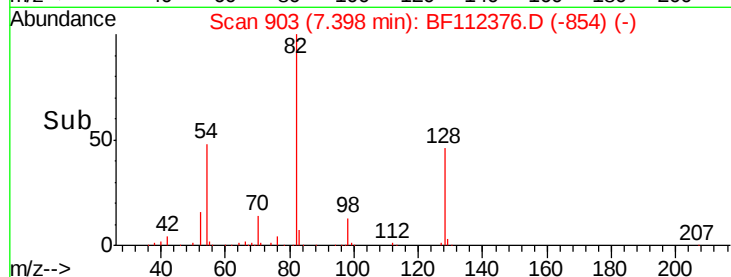
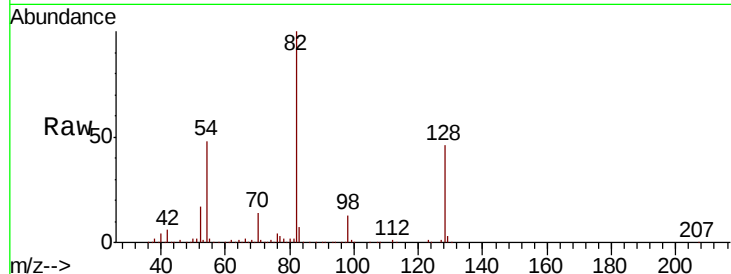




#23
Nitrobenzene-d5
Concen: 79.269 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

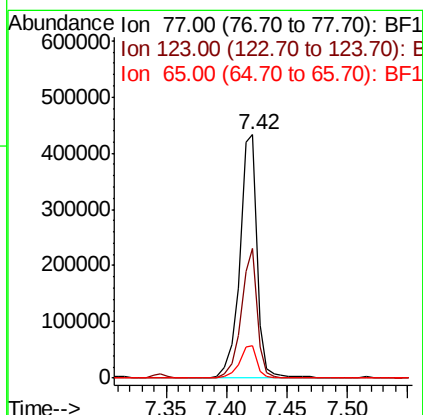
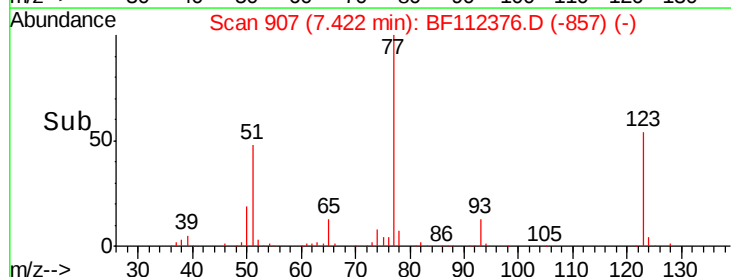
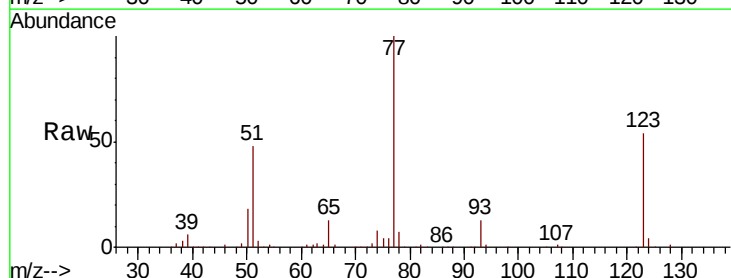
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

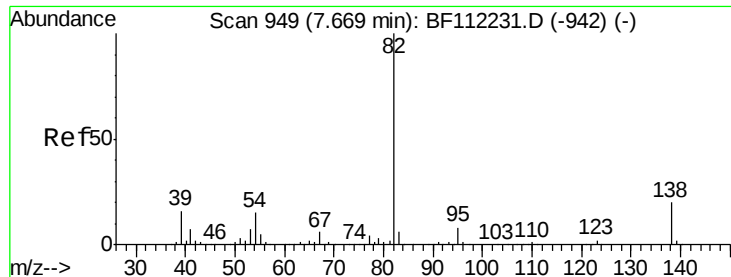
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.8	56.8
54	48.3	39.7	59.5



#24
Nitrobenzene
Concen: 39.728 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.5	38.4	57.6
65	13.2	10.6	15.8

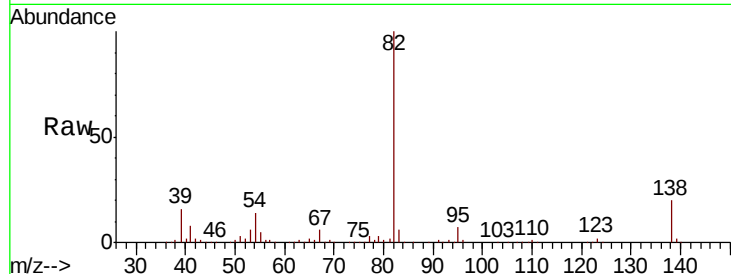




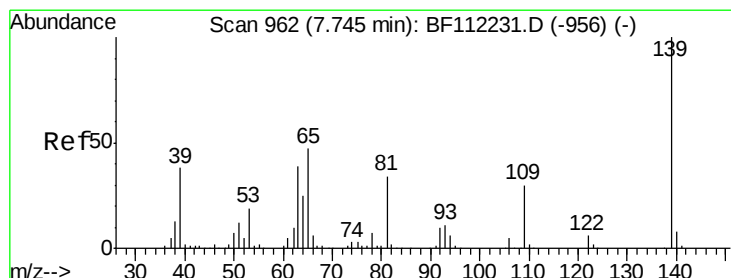
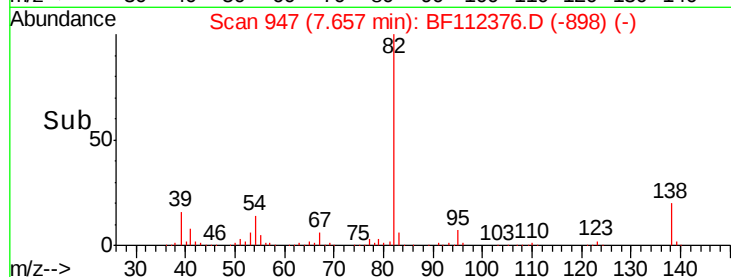
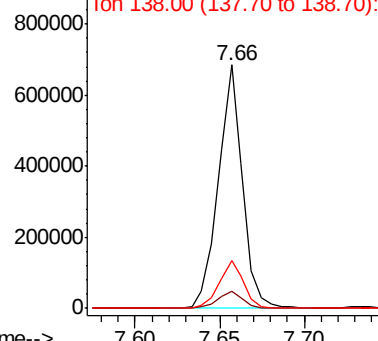
#25
Isophorone
Concen: 39.852 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 681364
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.7 15.4 23.0

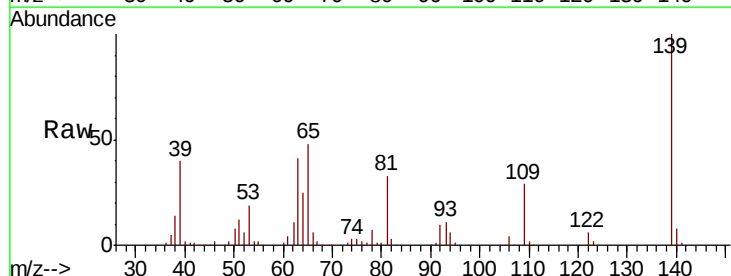


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

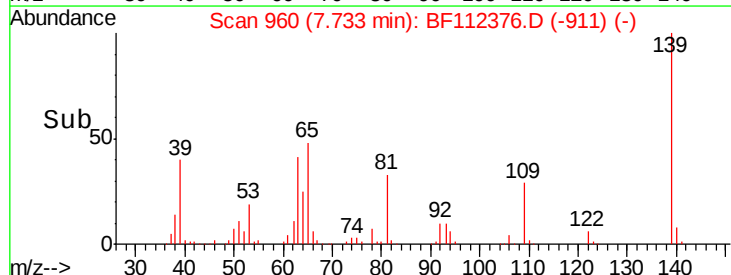
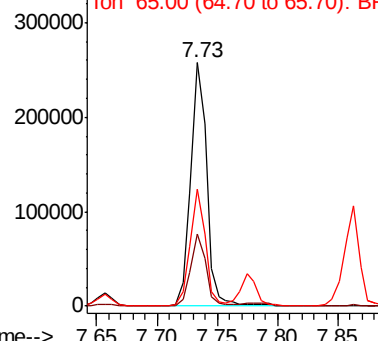


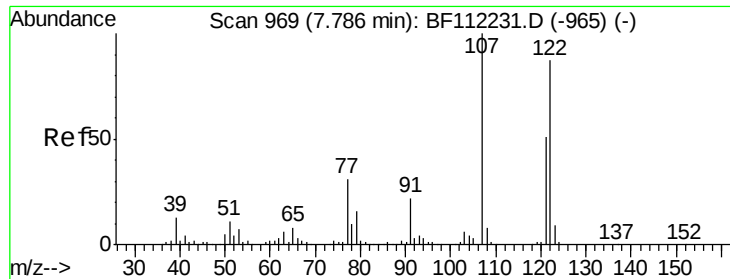
#26
2-Nitrophenol
Concen: 40.720 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion: 139 Resp: 236859
Ion Ratio Lower Upper
139 100
109 29.4 20.8 31.2
65 48.2 34.4 51.6



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

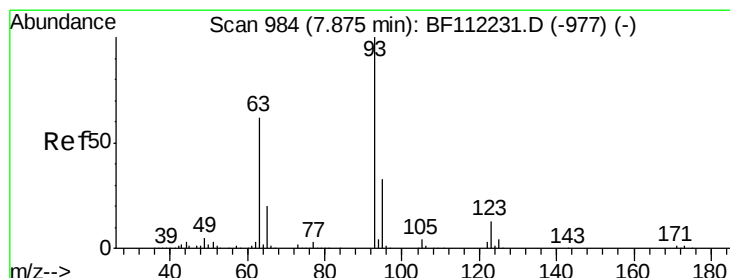
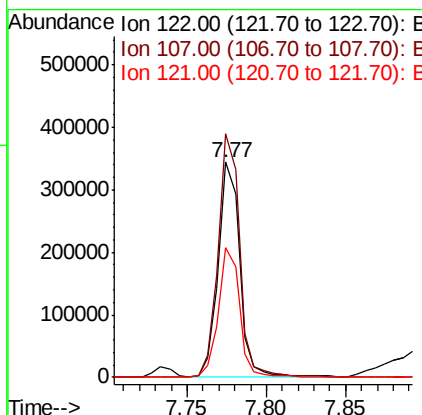
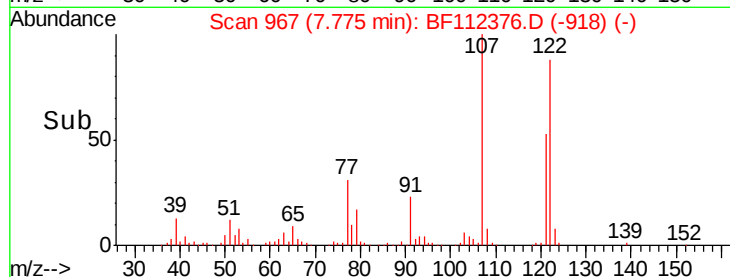
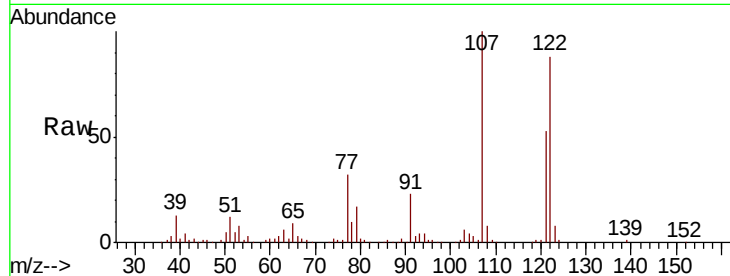




#27
2,4-Dimethylphenol
Concen: 40.344 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

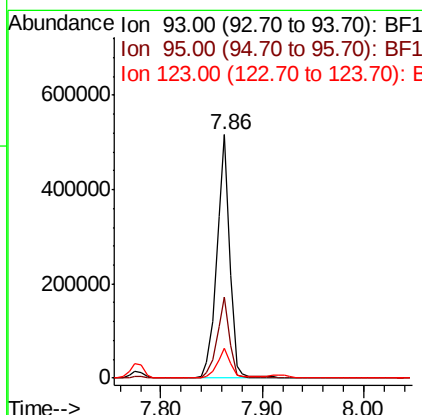
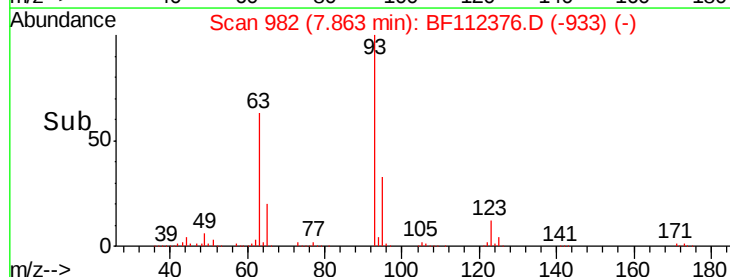
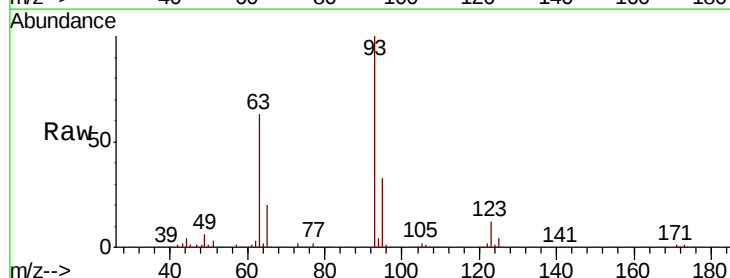
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

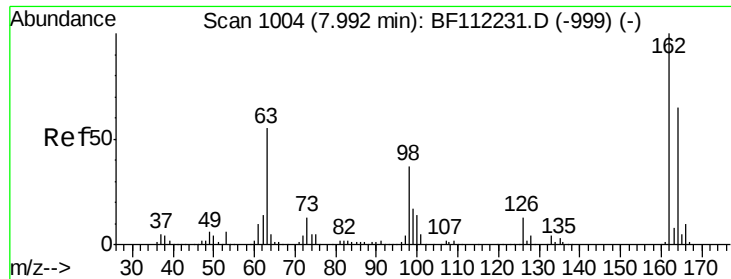
Tot Ion:122 Resp: 323324
Ion Ratio Lower Upper
122 100
107 113.1 85.4 128.0
121 60.2 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.309 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion: 93 Resp: 457627
Ion Ratio Lower Upper
93 100
95 33.1 26.8 40.2
123 12.4 10.2 15.2

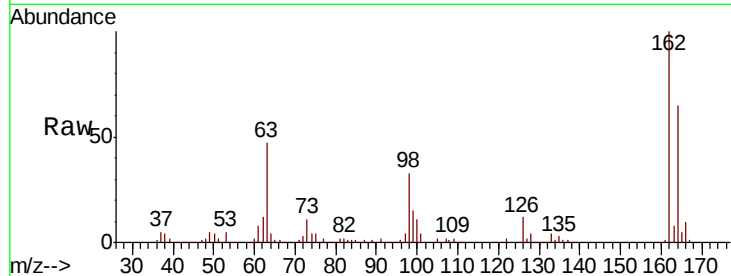




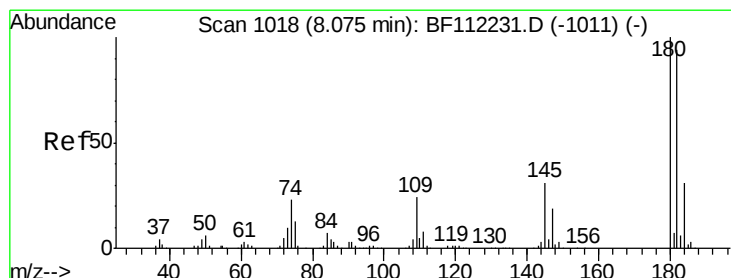
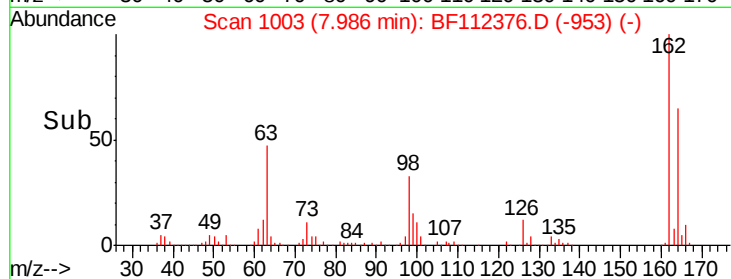
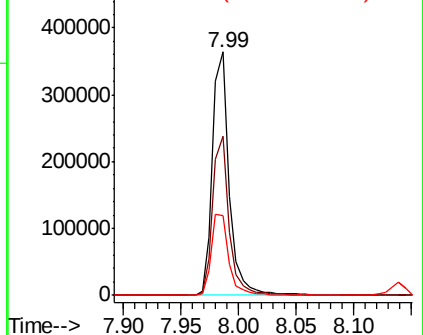
#29
 2,4-Dichlorophenol
 Concen: 40.978 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.6	84.6
98	32.7	14.6	54.6

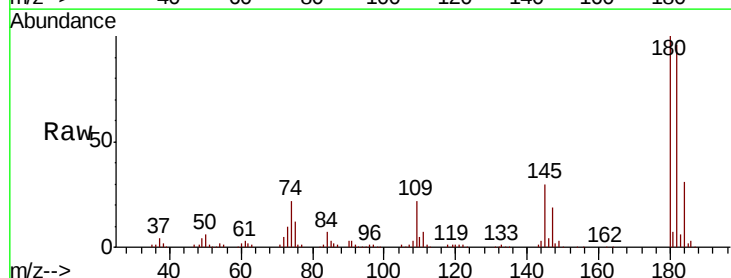


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

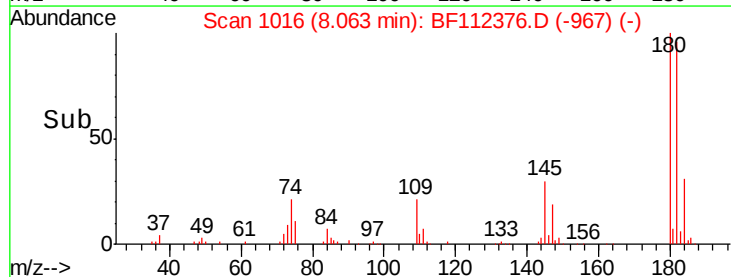
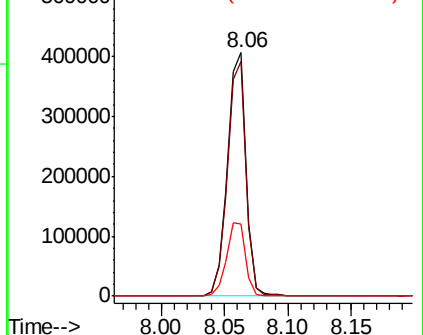


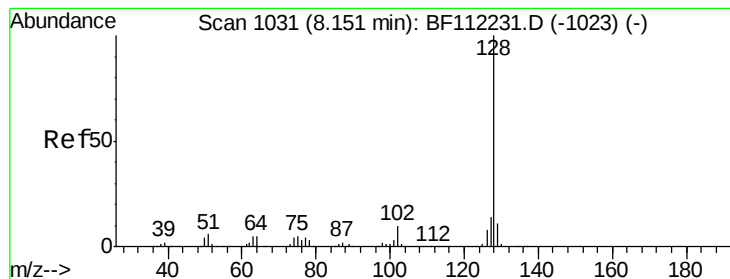
#30
 1,2,4-Trichlorobenzene
 Concen: 39.707 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.4	114.6
145	29.6	25.0	37.4



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: 39.636 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

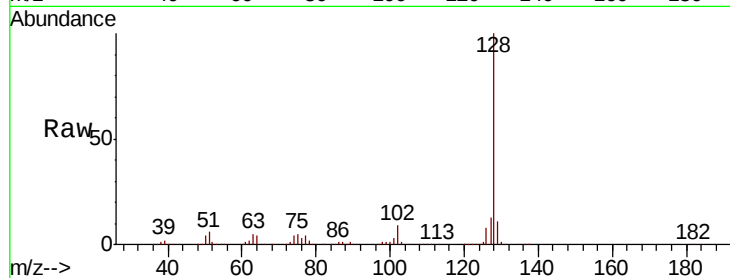
Tot Ion:128 Resp: 1163971

Ion Ratio Lower Upper

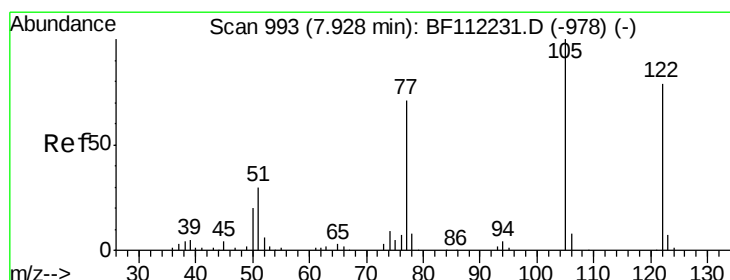
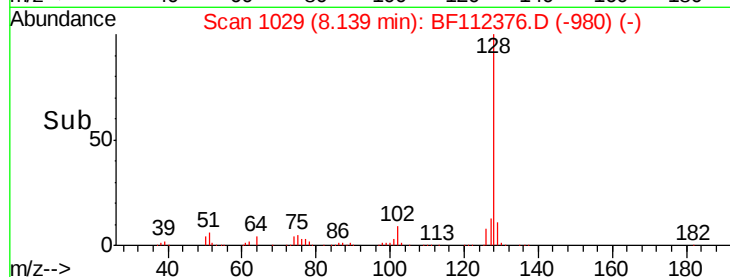
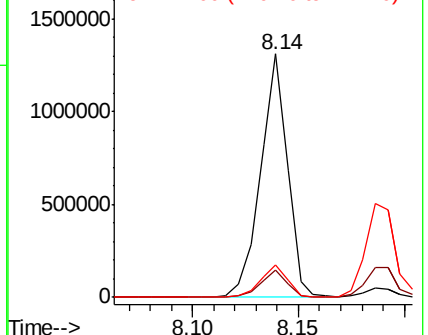
128 100

129 11.1 9.6 14.4

127 13.3 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.333 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

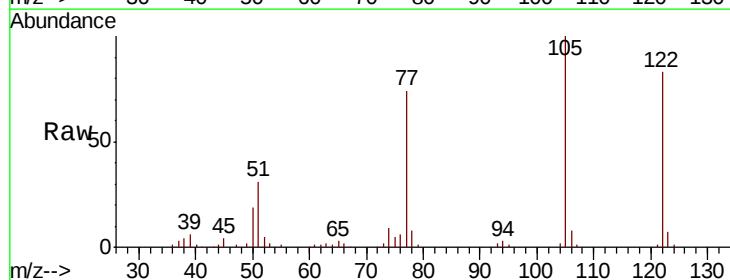
Tgt Ion:122 Resp: 179810

Ion Ratio Lower Upper

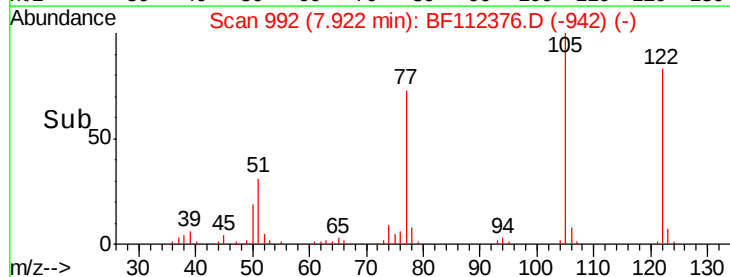
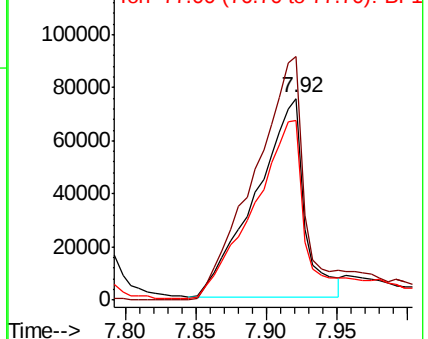
122 100

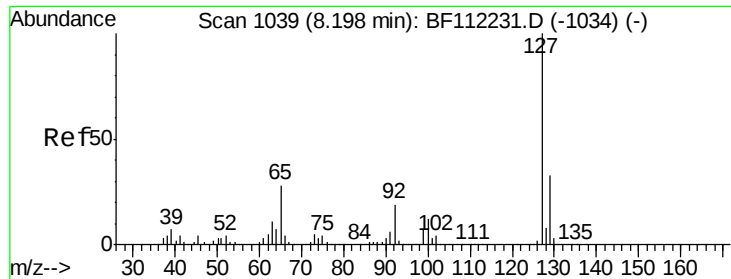
105 120.6 101.2 141.2

77 89.1 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

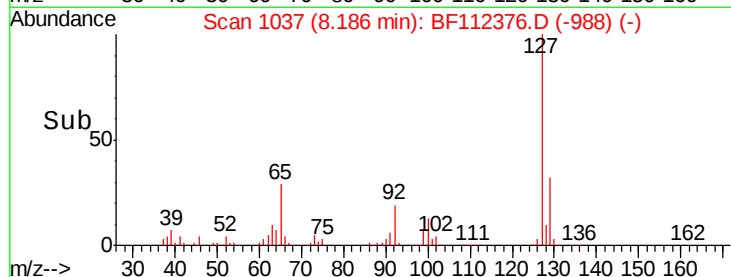
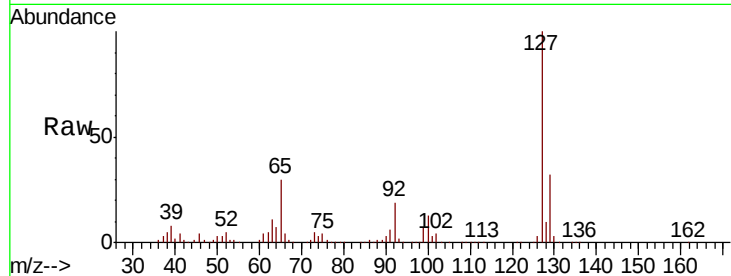




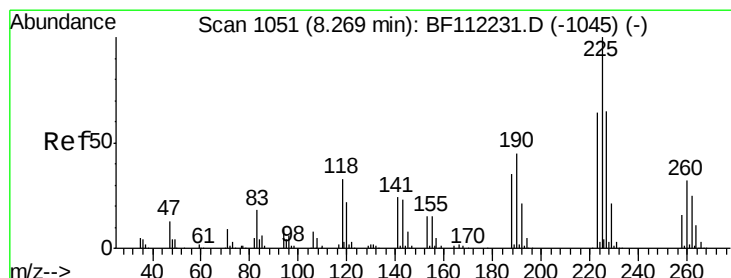
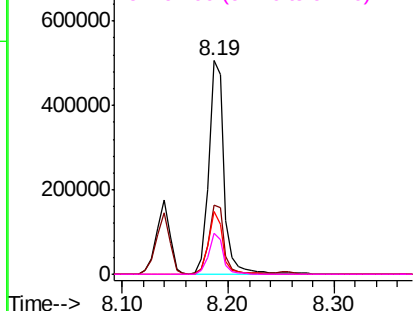
#33
4-Chloroaniline
Concen: 40.117 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	512974
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	39.8
65	29.5	21.4	32.2
92	18.9	14.2	21.2

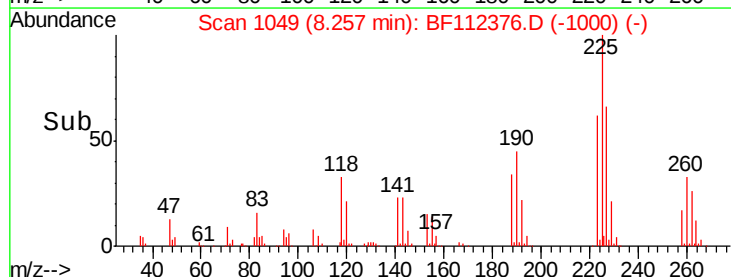
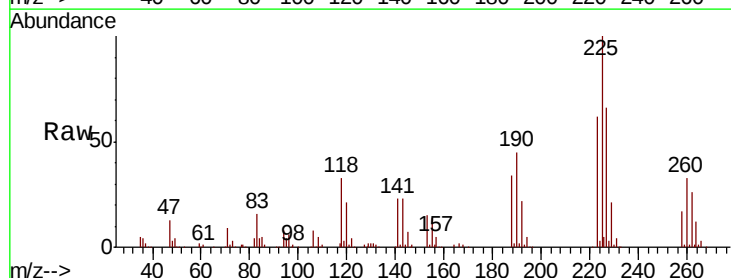


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

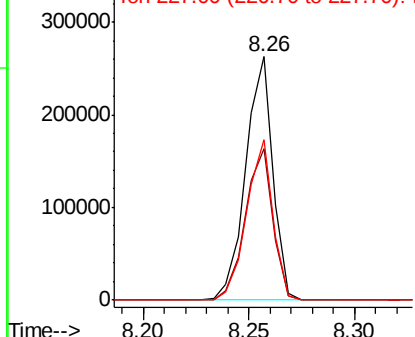


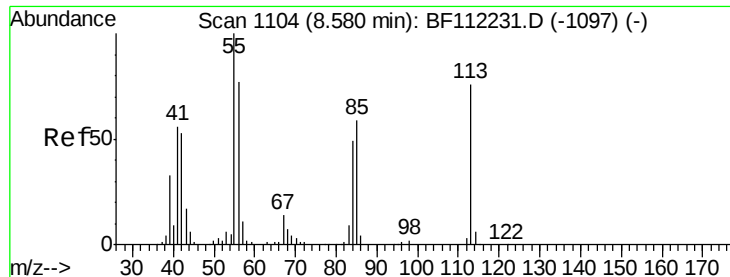
#34
Hexachlorobutadiene
Concen: 38.584 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion:	225	Resp:	233413
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.3	75.5
227	65.9	51.8	77.8



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: 42.380 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

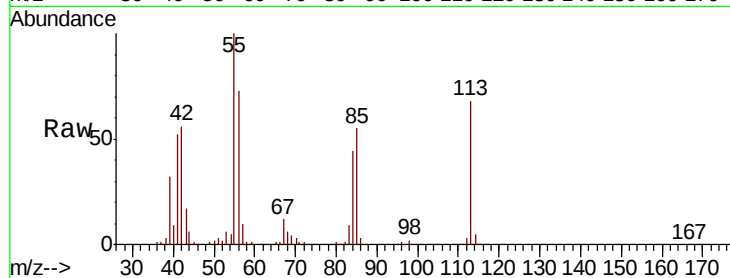
Tot Ion:113 Resp: 134083

Ion Ratio Lower Upper

113 100

55 147.3 121.6 161.6

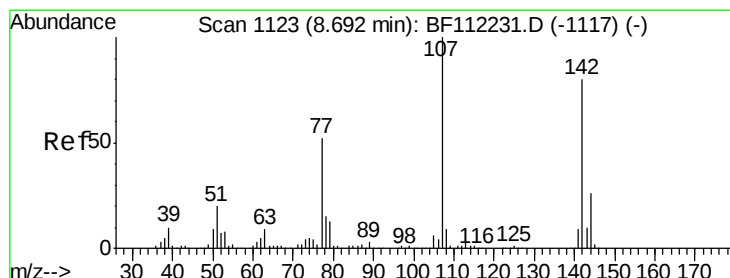
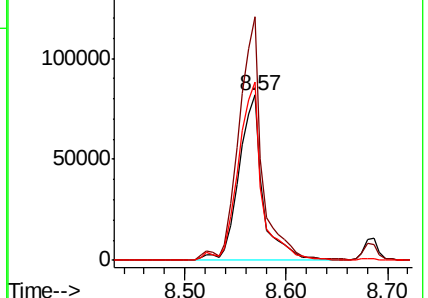
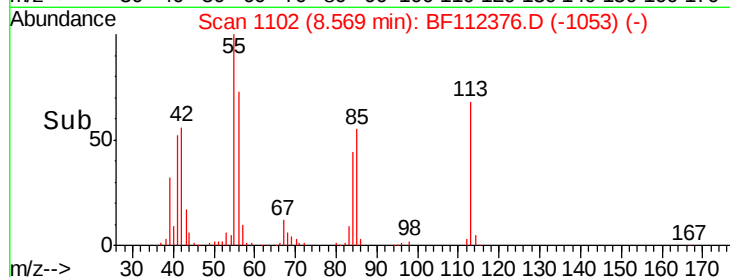
56 107.9 86.7 126.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.792 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

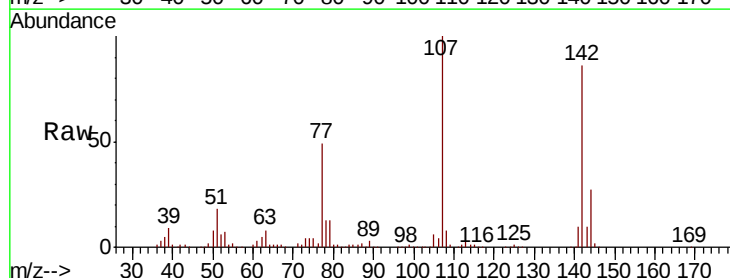
Tgt Ion:107 Resp: 377798

Ion Ratio Lower Upper

107 100

144 27.4 22.2 33.2

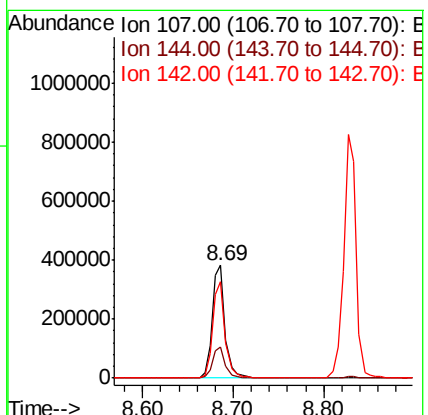
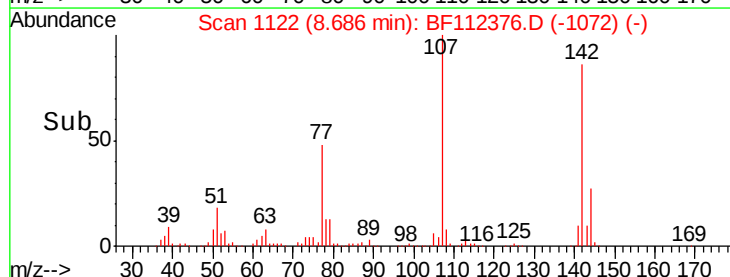
142 86.1 67.7 101.5

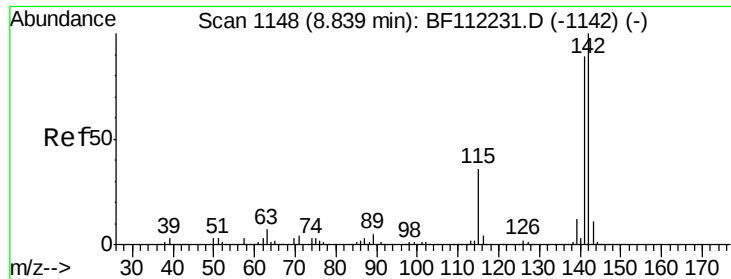


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

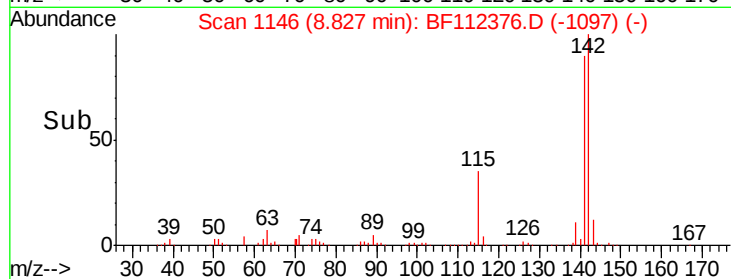
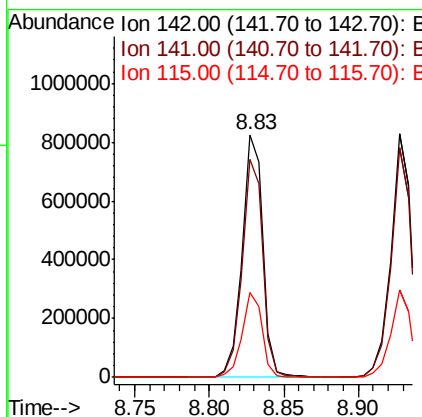
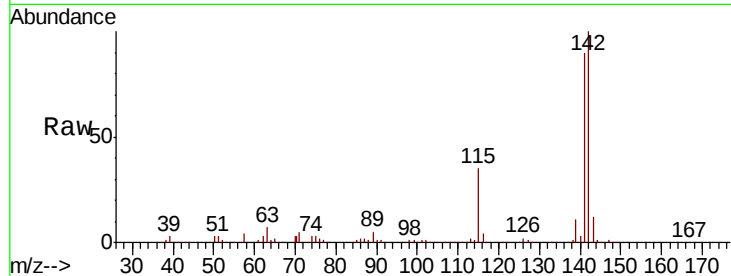




#37
 2-Methylnaphthalene
 Concen: 39.332 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

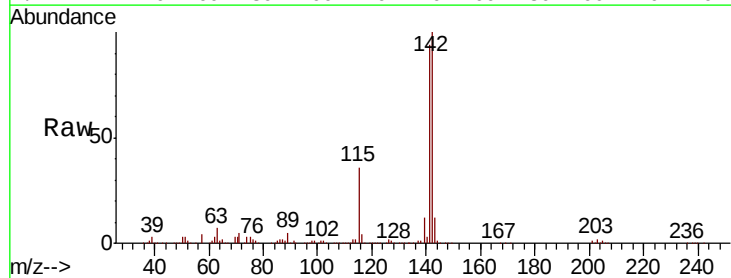
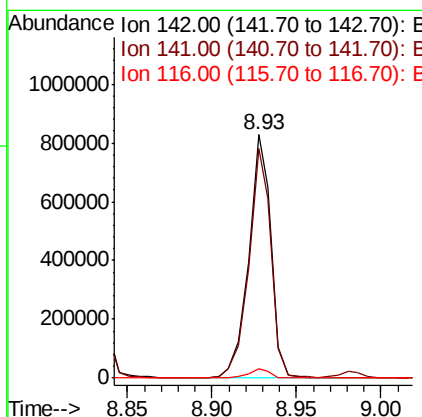
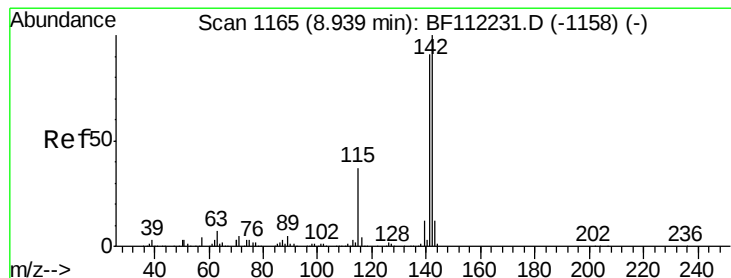
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

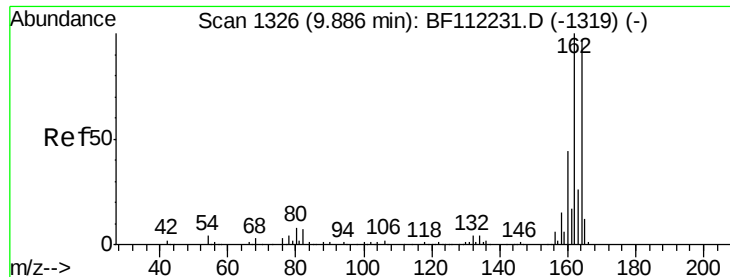
Tot Ion:142 Resp: 790716
 Ion Ratio Lower Upper
 142 100
 141 90.0 70.9 106.3
 115 35.1 24.9 37.3



#38
 1-Methylnaphthalene
 Concen: 39.239 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Tgt Ion:142 Resp: 756100
 Ion Ratio Lower Upper
 142 100
 141 94.4 72.6 108.8
 116 3.9 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

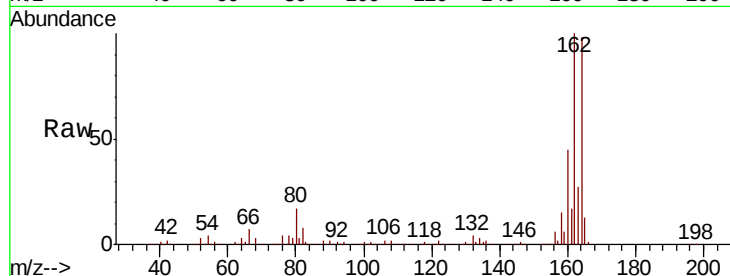
Tot Ion:164 Resp: 322750

Ion Ratio Lower Upper

164 100

162 102.4 82.2 123.4

160 46.2 36.2 54.4

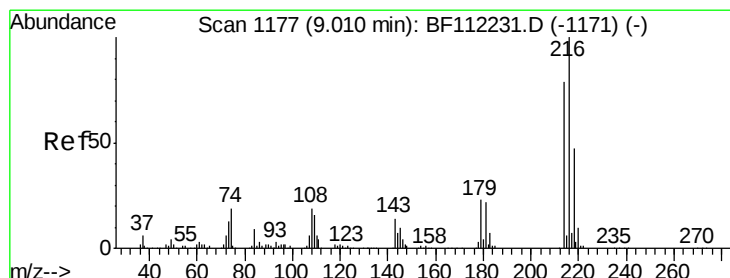
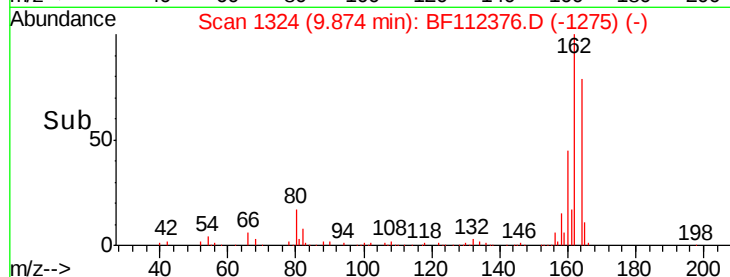
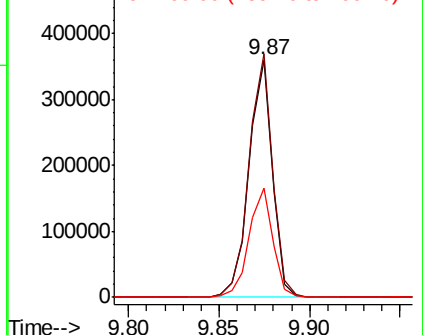


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.797 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Tgt Ion:216 Resp: 411128

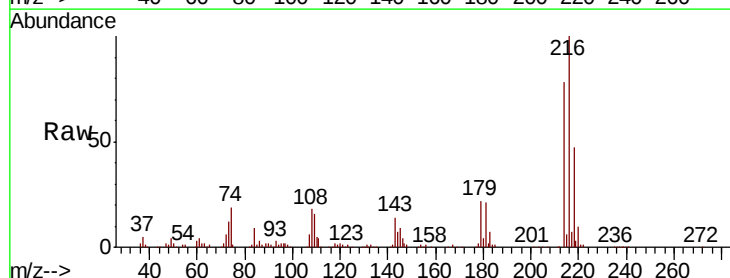
Ion Ratio Lower Upper

216 100

214 78.6 63.8 95.6

179 21.3 16.9 25.3

108 17.9 14.2 21.4



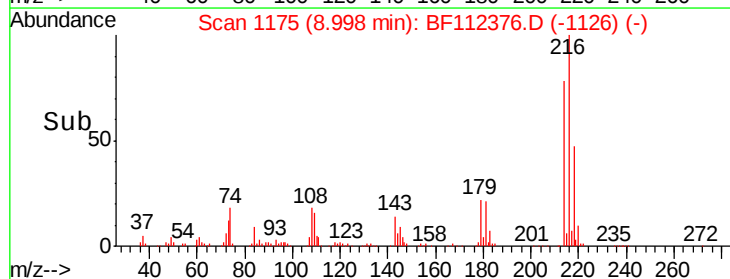
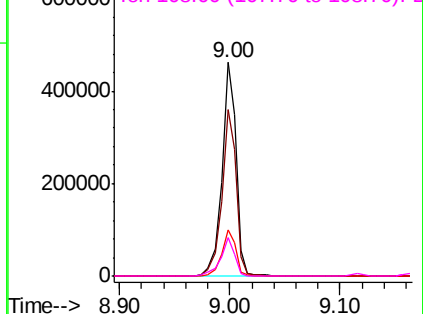
Abundance

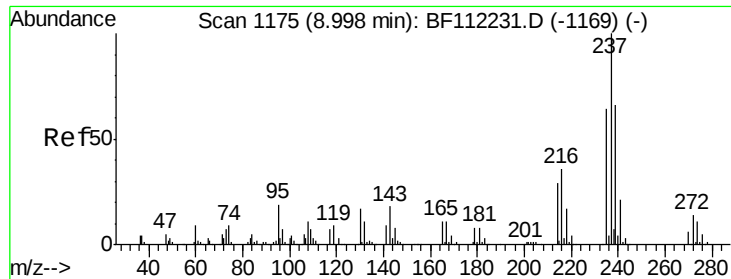
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.175 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

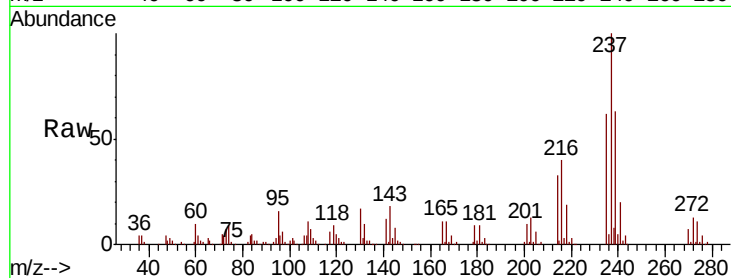
Tot Ion:237 Resp: 130670

Ion Ratio Lower Upper

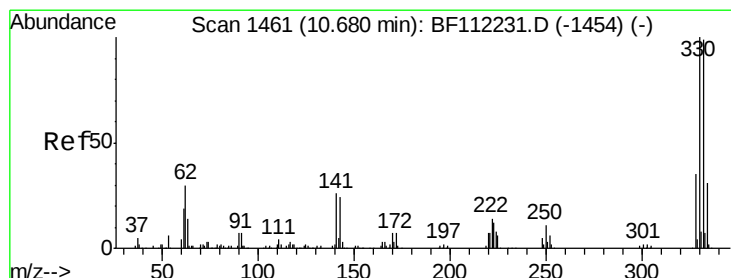
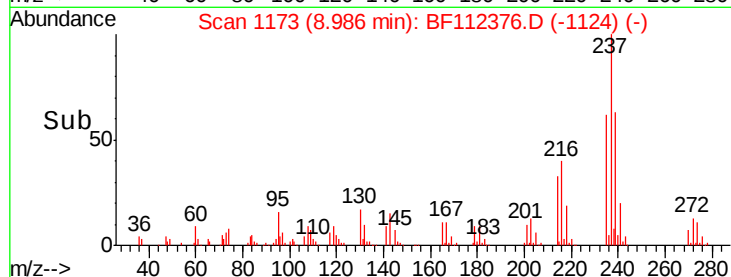
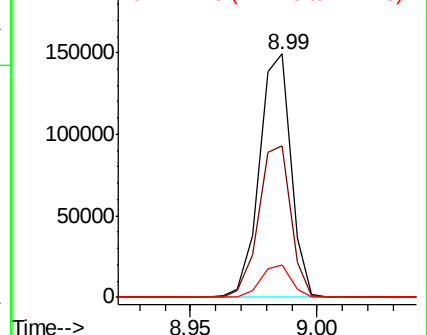
237 100

235 62.0 44.0 84.0

272 13.5 0.0 33.3



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: 83.247 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

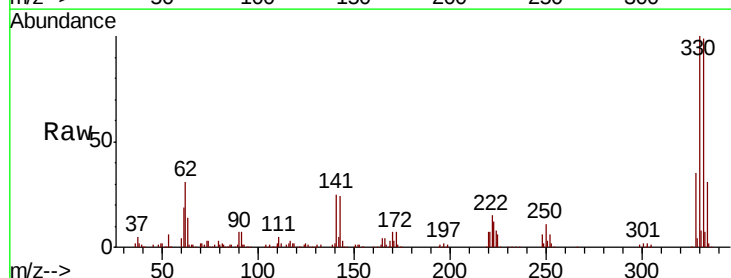
Tgt Ion:330 Resp: 312735

Ion Ratio Lower Upper

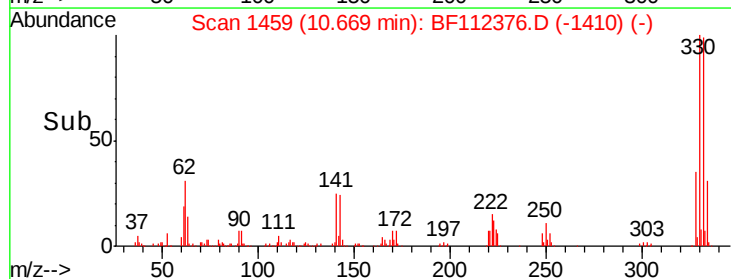
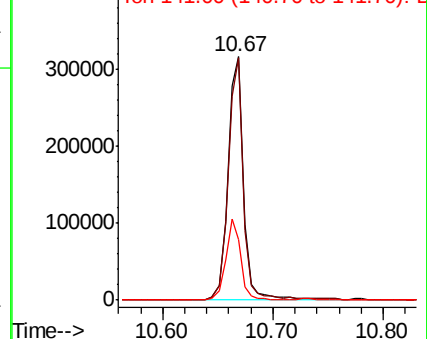
330 100

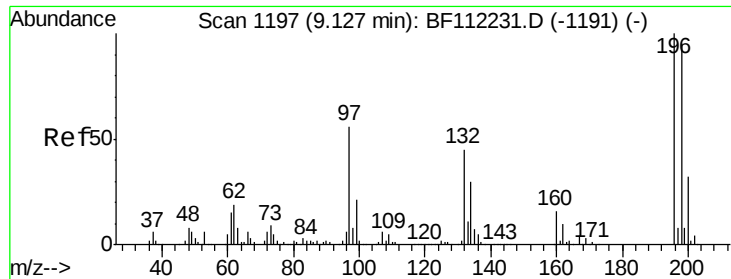
332 98.1 76.6 114.8

141 31.6 24.3 36.5



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

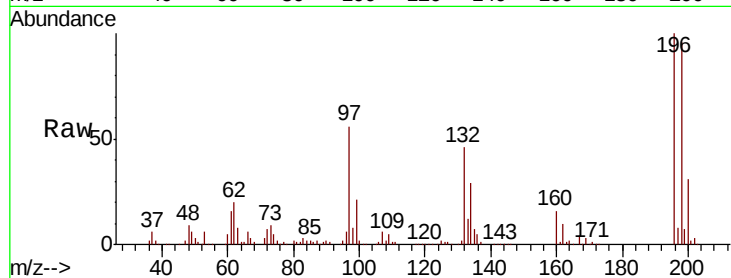




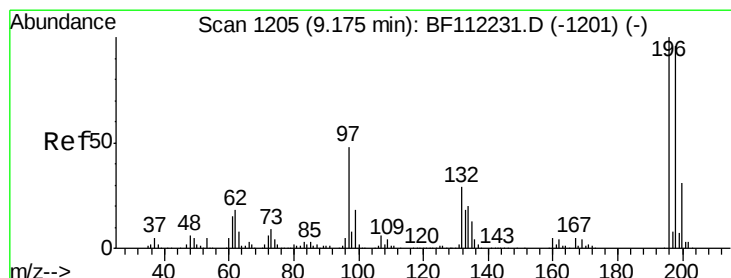
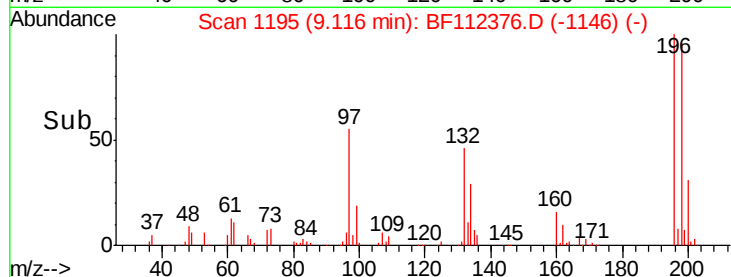
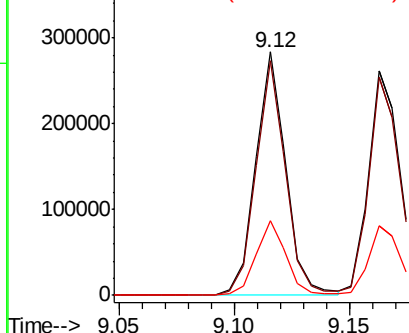
#43
 2,4,6-Trichlorophenol
 Concen: 39.651 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 259005
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.2 114.4
 200 30.8 24.3 36.5



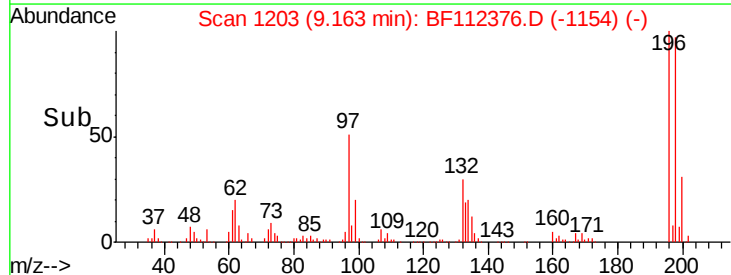
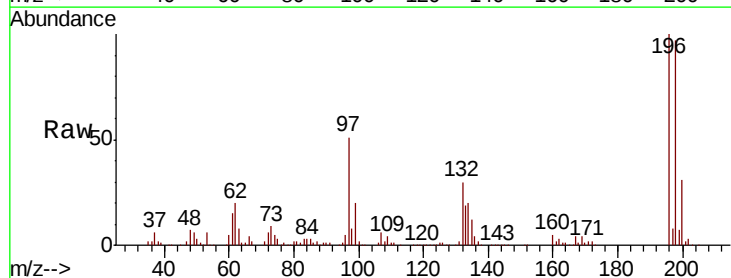
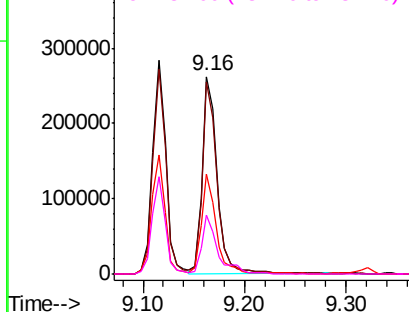
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

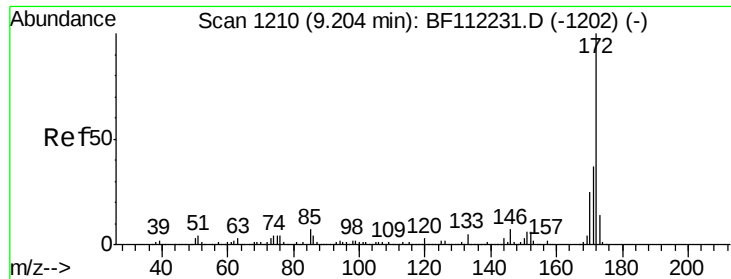


#44
 2,4,5-Trichlorophenol
 Concen: 39.332 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Tgt Ion:196 Resp: 268515
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.0 114.0
 97 50.9 36.4 54.6
 132 29.6 21.5 32.3

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

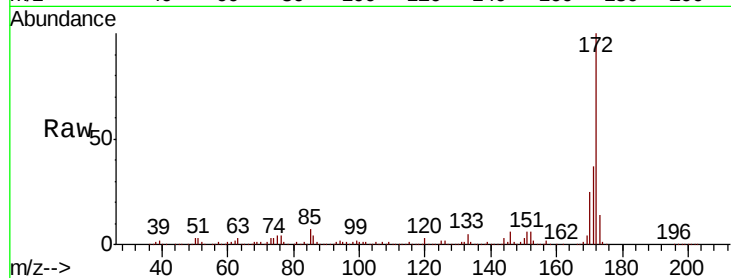




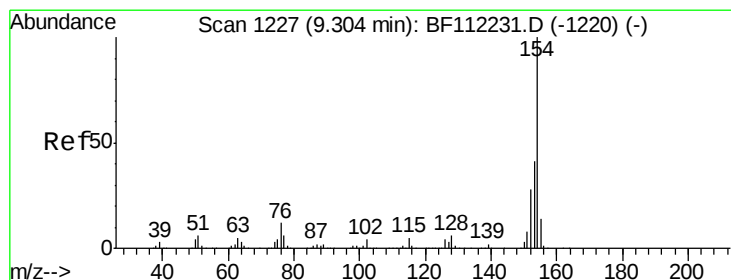
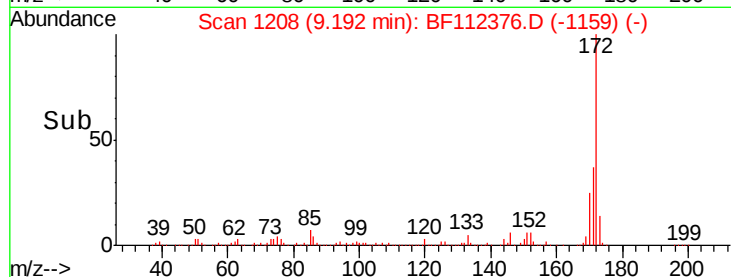
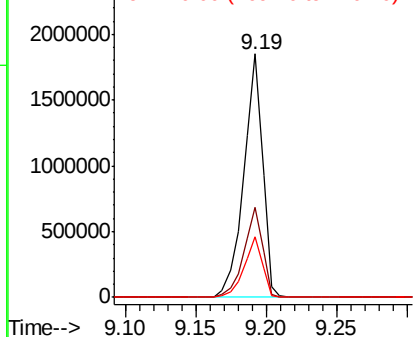
#45
2-Fluorobiphenyl
Concen: 75.385 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1720275
Ion Ratio Lower Upper
172 100
171 37.0 30.5 45.7
170 24.8 20.2 30.4

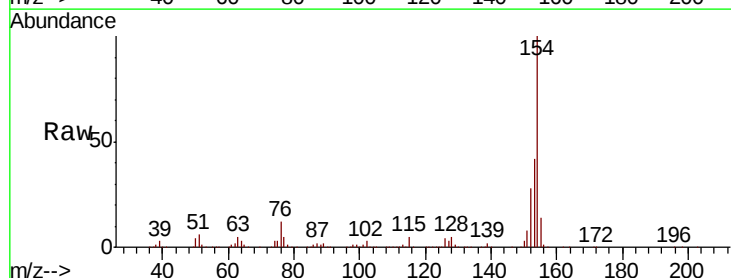


Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

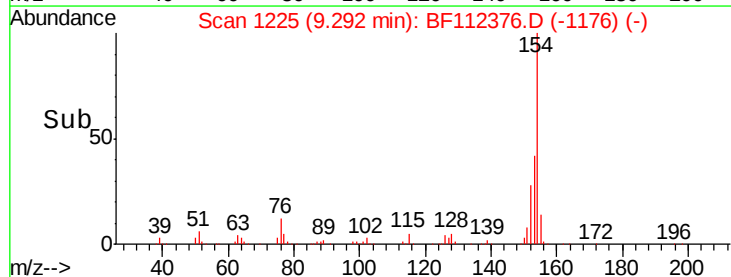
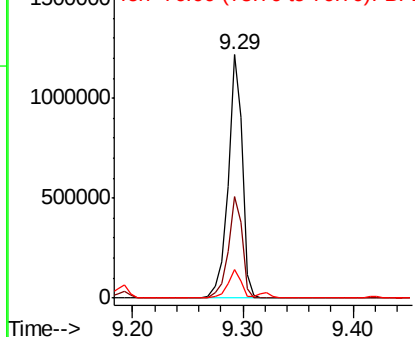


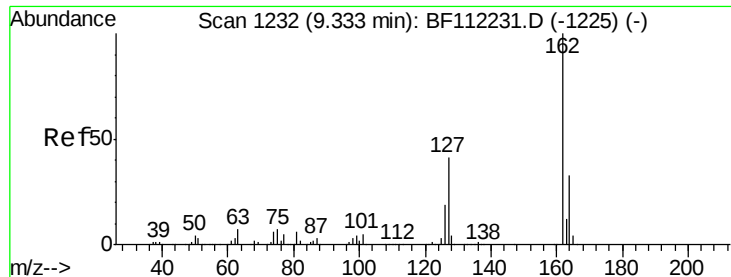
#46
1,1'-Biphenyl
Concen: 38.584 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion:154 Resp: 1088685
Ion Ratio Lower Upper
154 100
153 41.6 21.5 61.5
76 11.6 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
1500000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

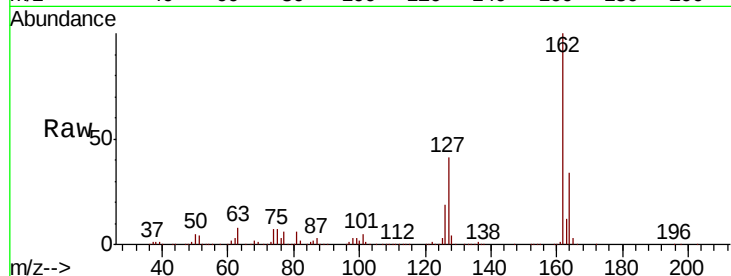




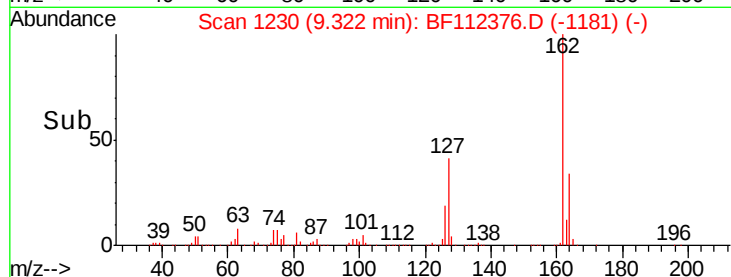
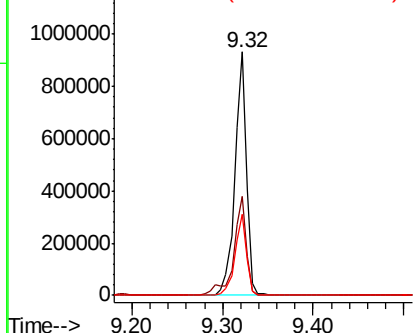
#47
 2-Chloronaphthalene
 Concen: 38.416 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 840570
 Ion Ratio Lower Upper
 162 100
 127 40.8 30.4 45.6
 164 33.5 27.4 41.2

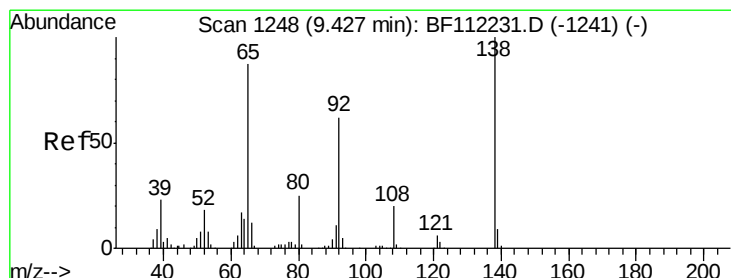


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

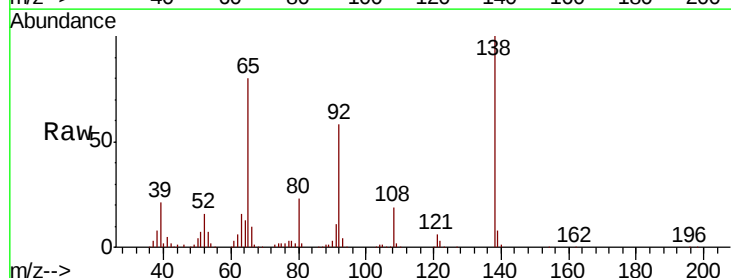
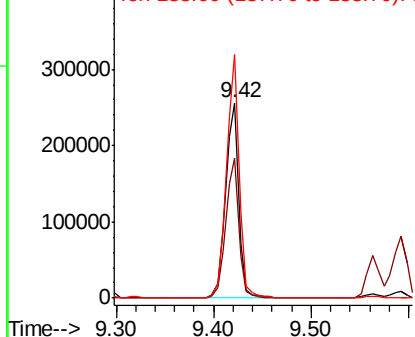


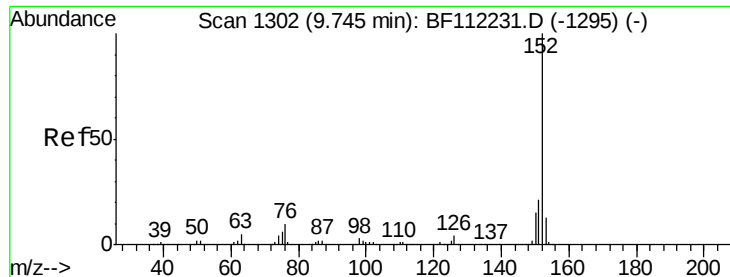
#48
 2-Nitroaniline
 Concen: 40.388 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Tgt Ion: 65 Resp: 240862
 Ion Ratio Lower Upper
 65 100
 92 71.7 60.4 90.6
 138 124.7 104.4 156.6



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: 39.001 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

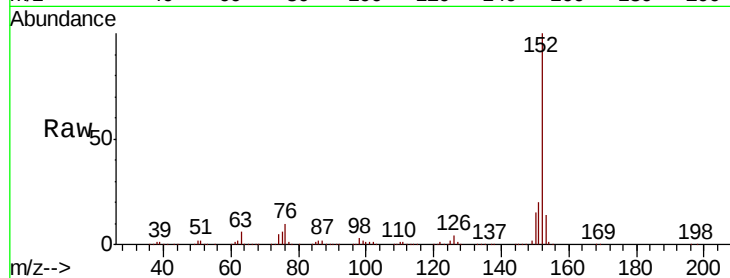
Tot Ion:152 Resp: 1250793

Ion Ratio Lower Upper

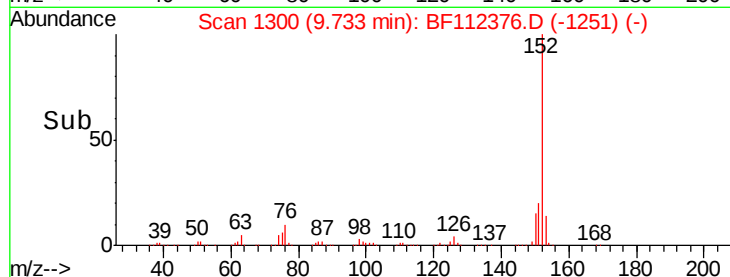
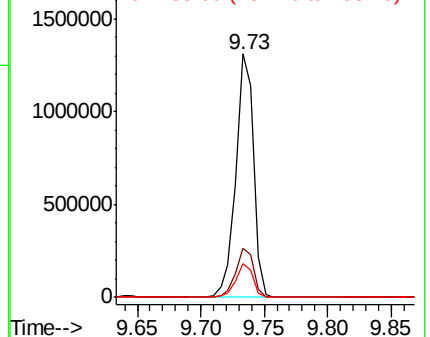
152 100

151 20.3 17.0 25.6

153 13.7 11.2 16.8



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: 39.175 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

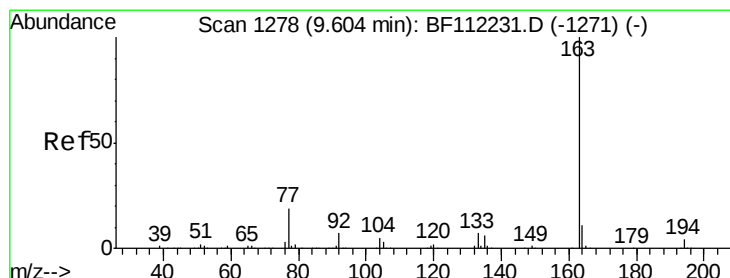
Tgt Ion:163 Resp: 982355

Ion Ratio Lower Upper

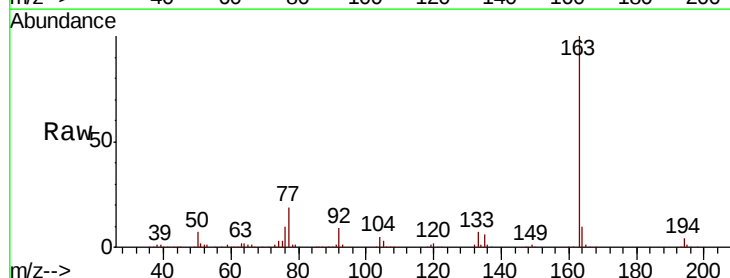
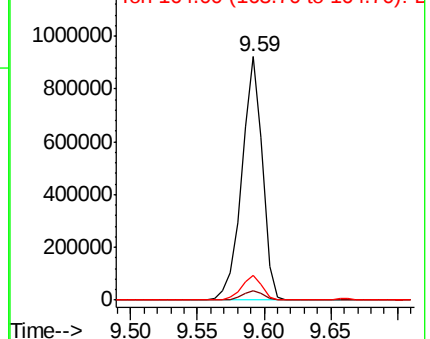
163 100

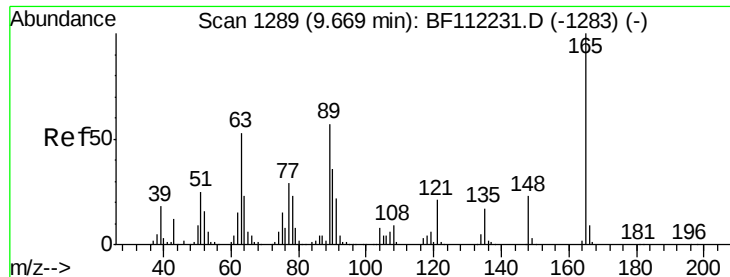
194 4.0 3.3 4.9

164 10.1 8.5 12.7



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: 39.628 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

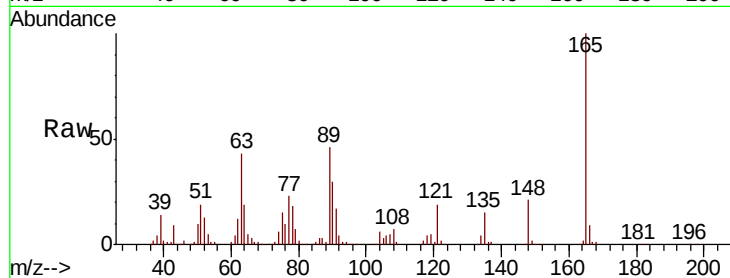
Tot Ion:165 Resp: 222553

Ion Ratio Lower Upper

165 100

63 43.0 33.8 50.8

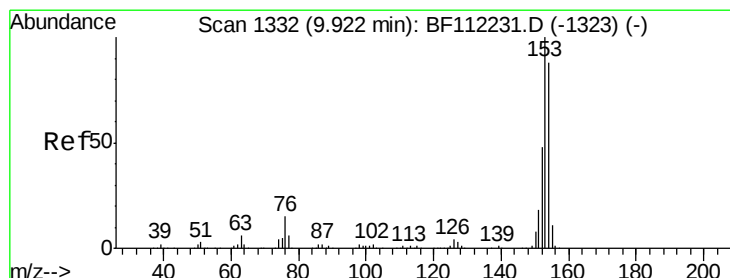
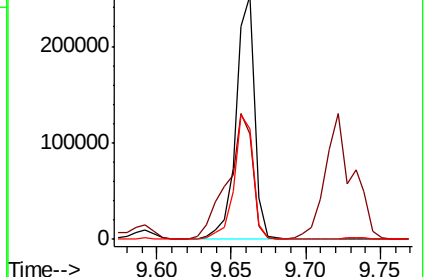
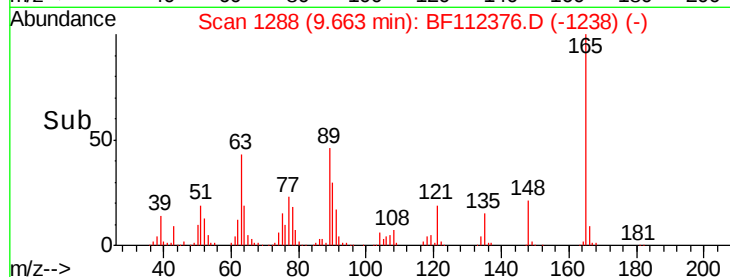
89 45.6 36.9 55.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.933 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

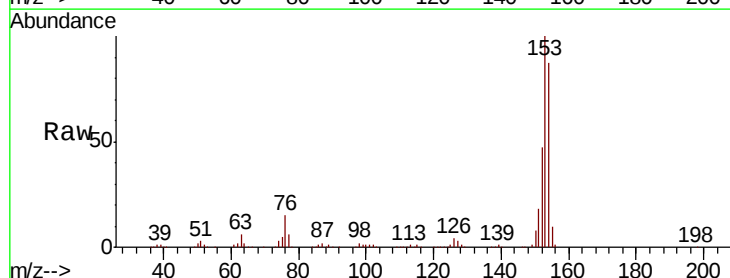
Tgt Ion:154 Resp: 745870

Ion Ratio Lower Upper

154 100

153 115.4 89.8 134.6

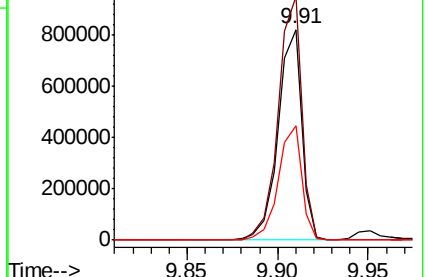
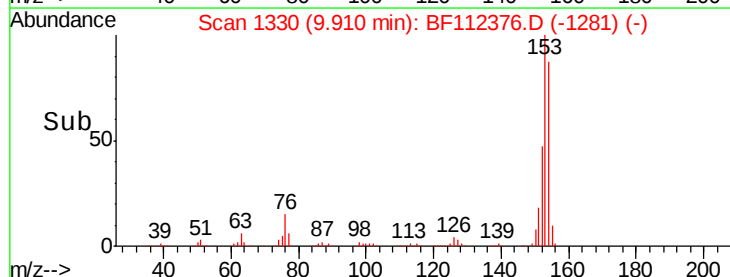
152 54.1 43.5 65.3

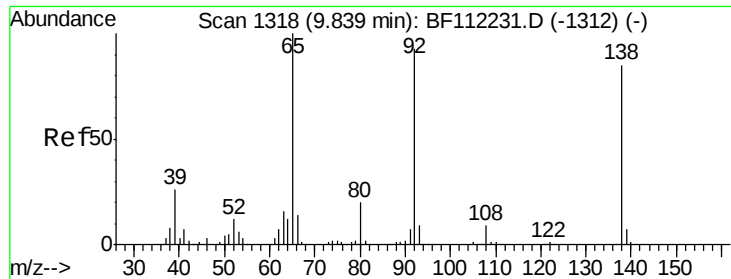


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

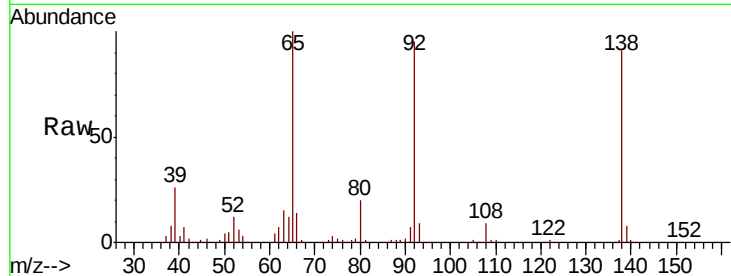




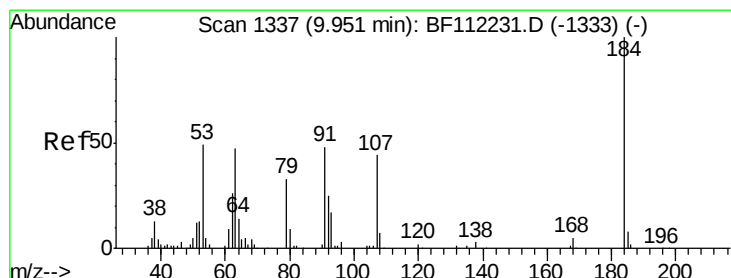
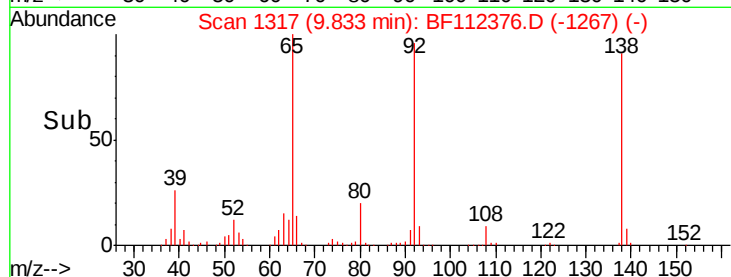
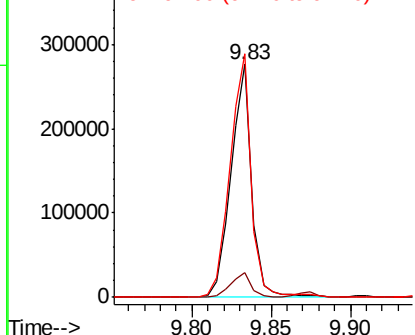
#53
3-Nitroaniline
Concen: 41.137 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 250289
Ion Ratio Lower Upper
138 100
108 10.3 9.8 14.6
92 104.4 79.4 119.2

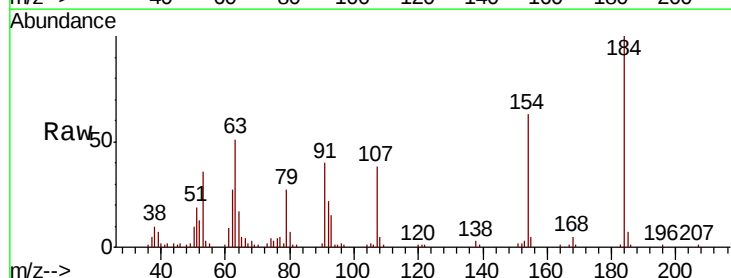


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

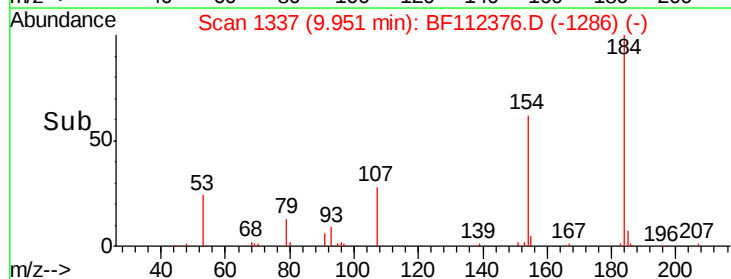
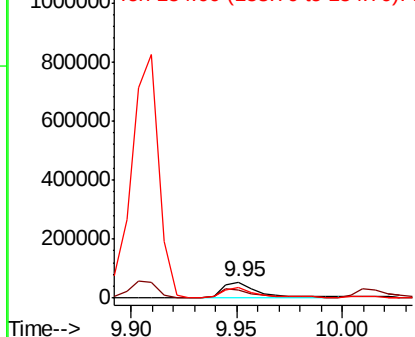


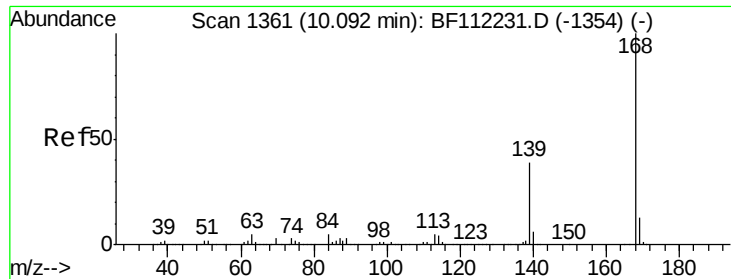
#54
2,4-Dinitrophenol
Concen: 36.534 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion:184 Resp: 65847
Ion Ratio Lower Upper
184 100
63 51.2 47.1 70.7
154 62.5 48.9 73.3



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

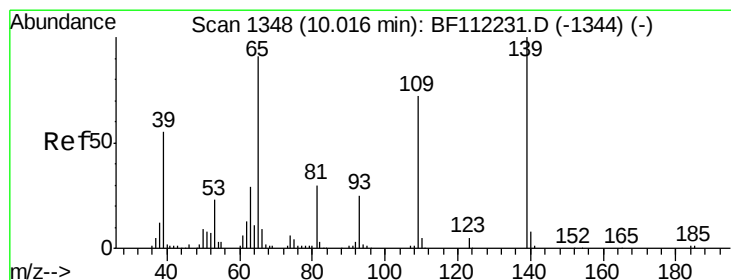
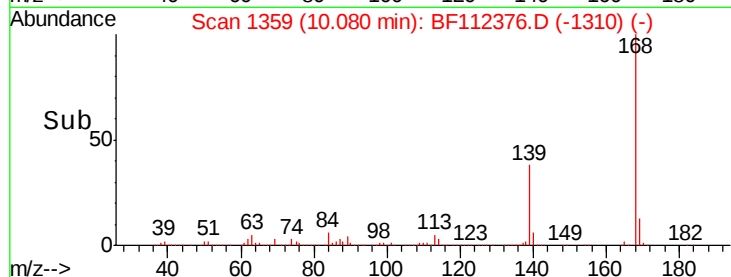
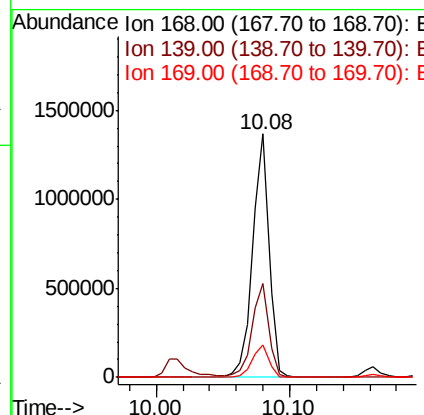
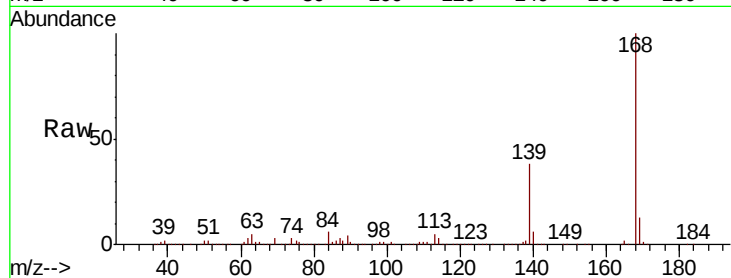




#55
Dibenzofuran
Concen: 39.263 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

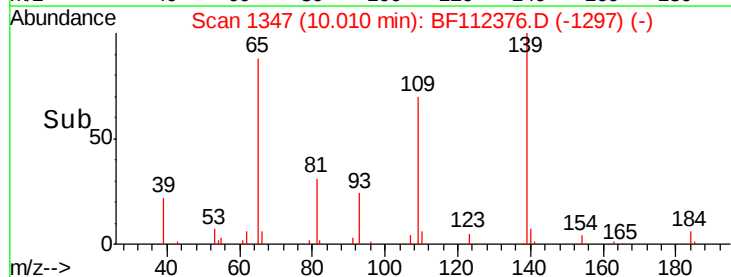
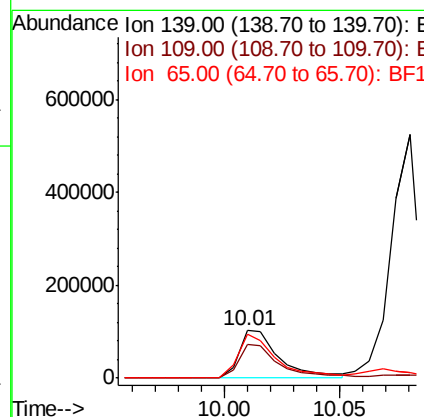
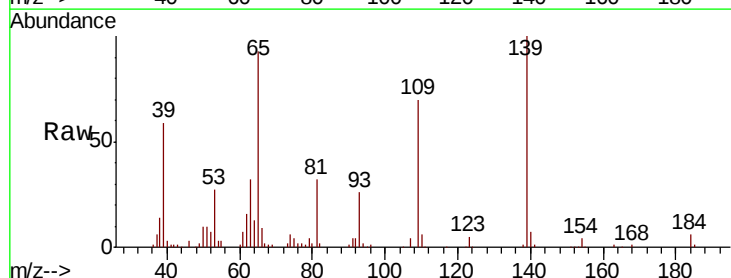
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

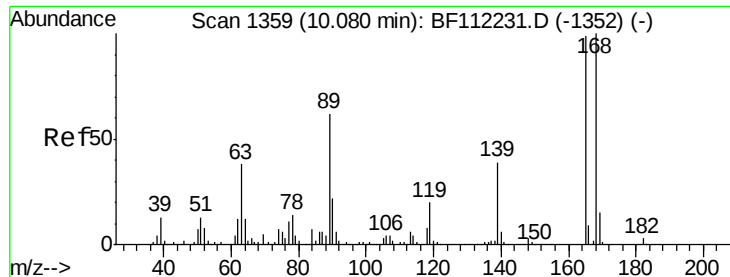
Tot Ion:168 Resp: 1149477
Ion Ratio Lower Upper
168 100
139 38.3 29.2 43.8
169 13.4 11.4 17.0



#56
4-Nitrophenol
Concen: 39.579 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion:139 Resp: 127313
Ion Ratio Lower Upper
139 100
109 70.0 42.8 82.8
65 93.1 66.1 106.1

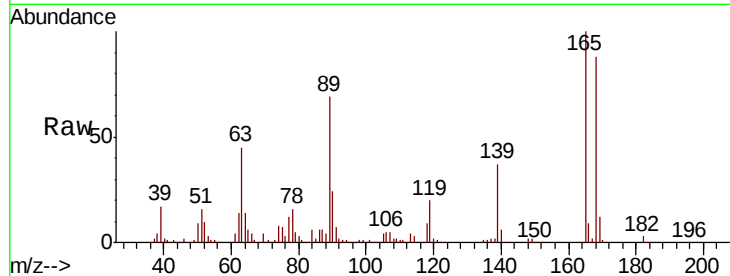




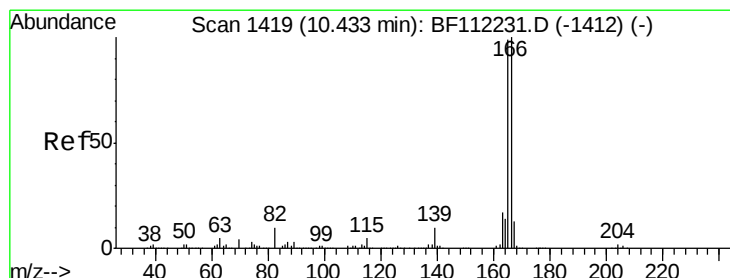
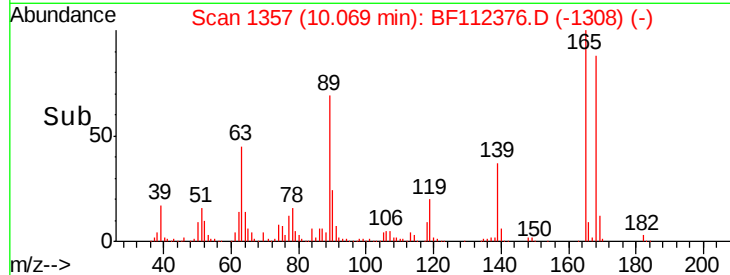
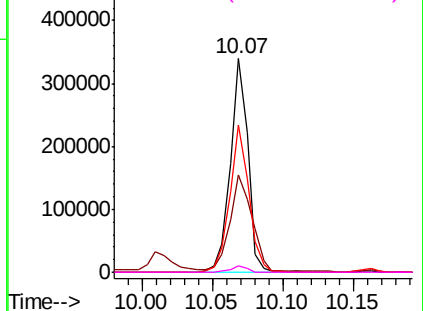
#57
2,4-Dinitrotoluene
Concen: 41.109 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.4	27.9	41.9
89	69.1	47.9	71.9
182	2.8	2.2	3.4

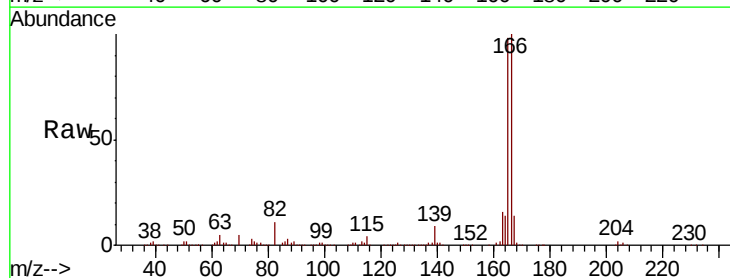


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

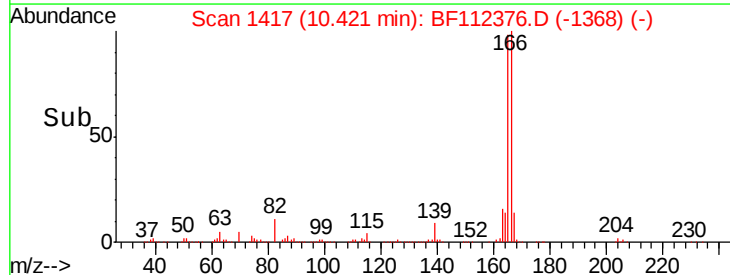
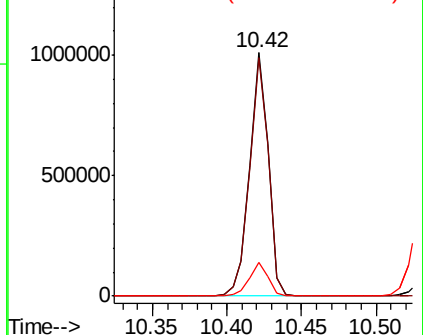


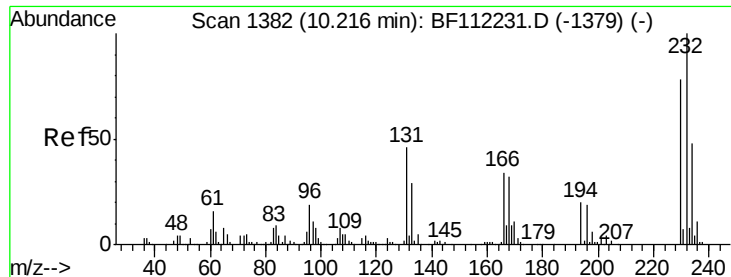
#58
Fluorene
Concen: 39.864 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.1	115.7
167	13.8	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

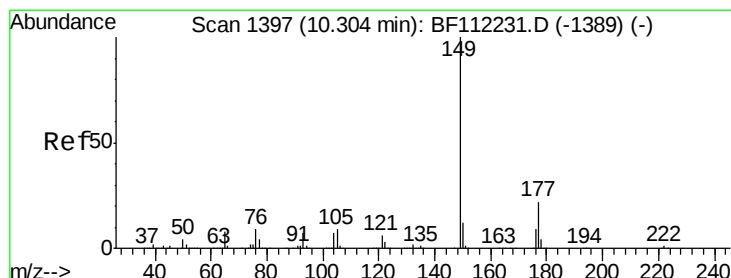
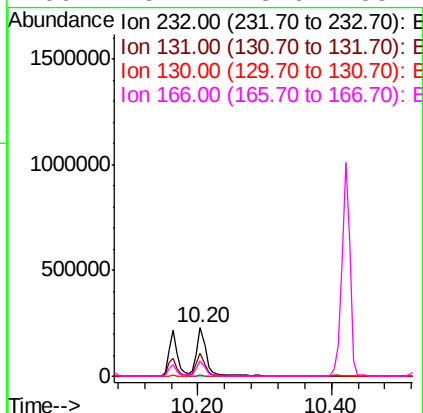
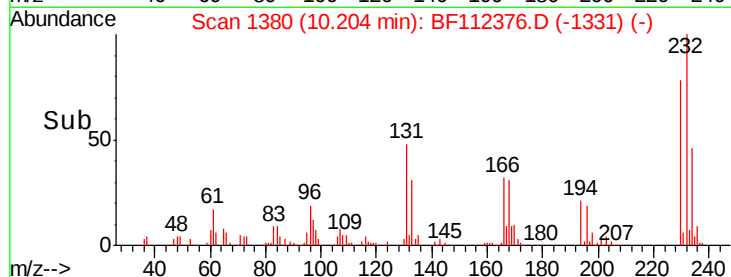
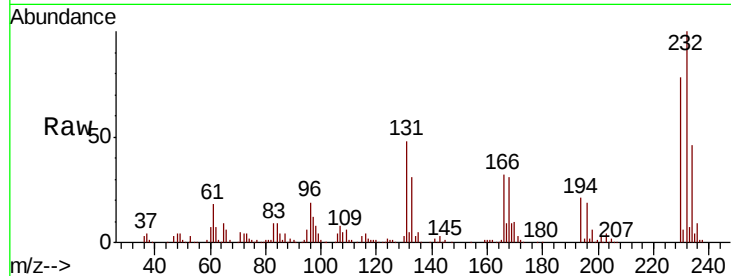




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.393 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

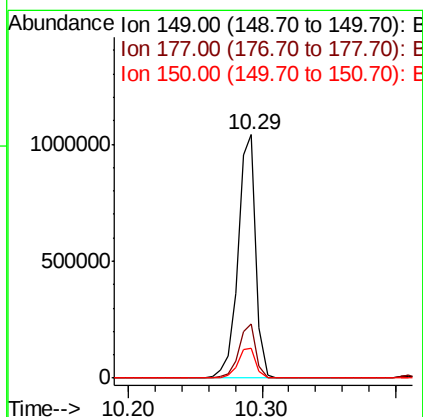
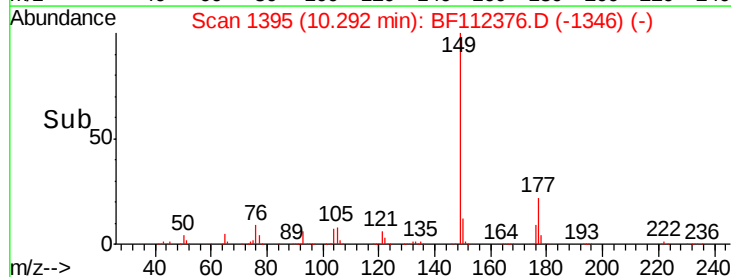
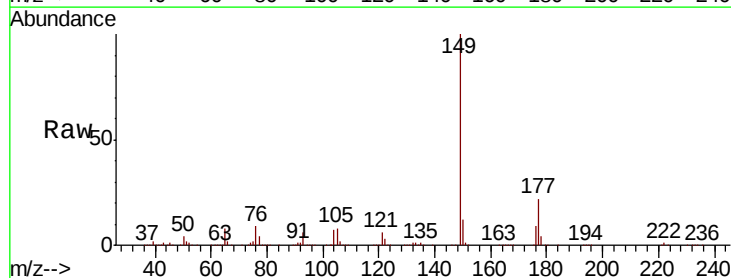
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

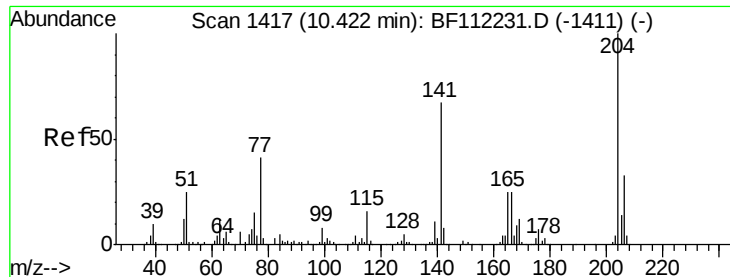
Tot Ion	Ratio	Lower	Upper
232	100		
131	43.5	33.9	50.9
130	2.2	1.8	2.6
166	28.2	23.6	35.4



#60
Diethylphthalate
Concen: 38.819 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.2	27.2
150	12.2	10.4	15.6

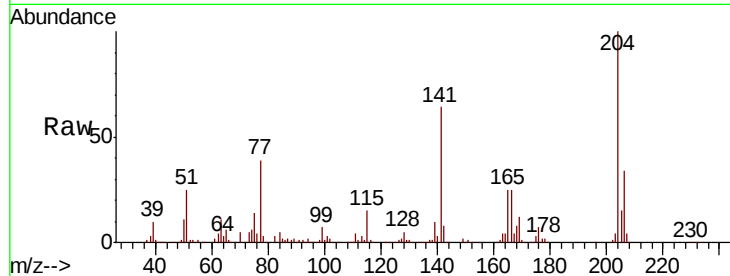




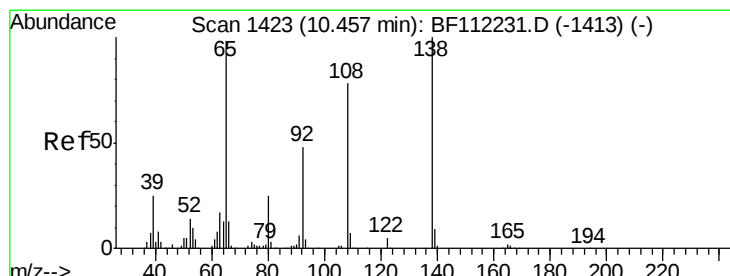
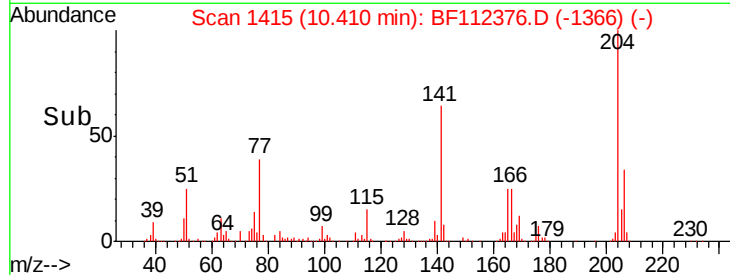
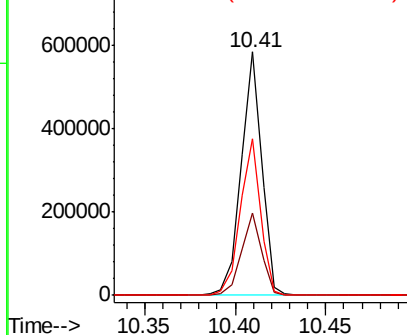
#61
4-Chlorophenyl-phenylether
Concen: 38.693 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 461127
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 64.1 45.9 68.9

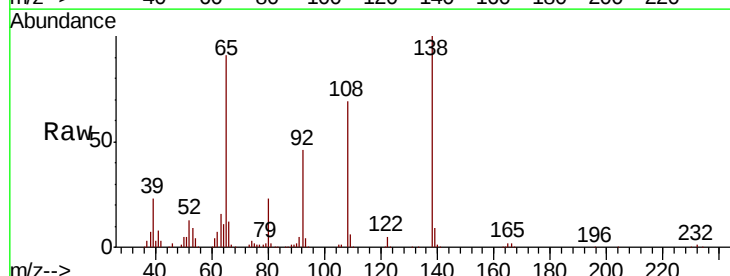


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

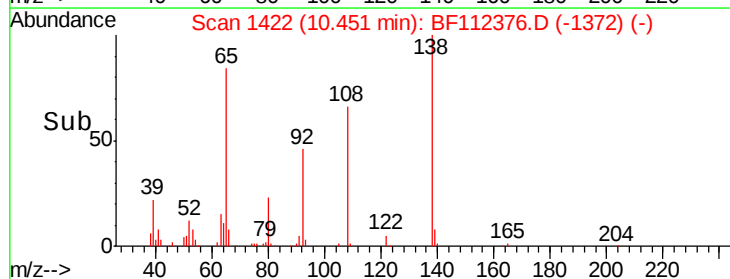
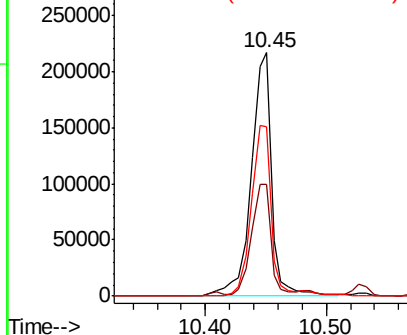


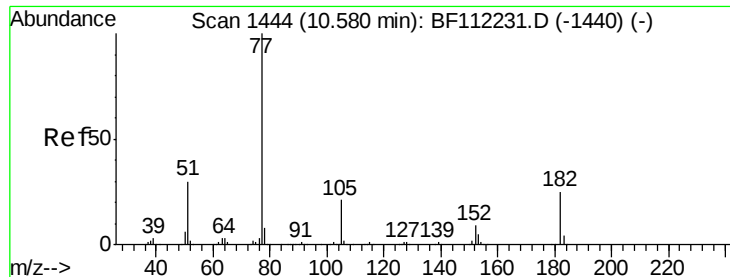
#62
4-Nitroaniline
Concen: 43.200 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion:138 Resp: 257808
Ion Ratio Lower Upper
138 100
92 45.8 30.6 70.6
108 69.4 50.0 90.0



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

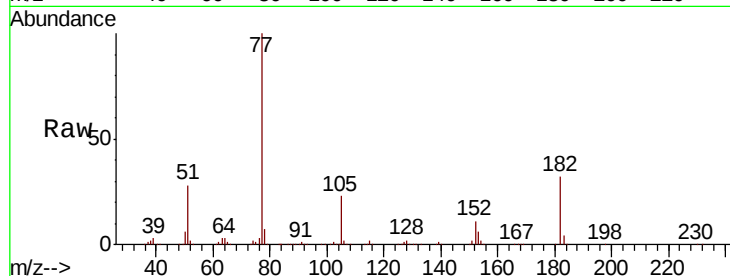




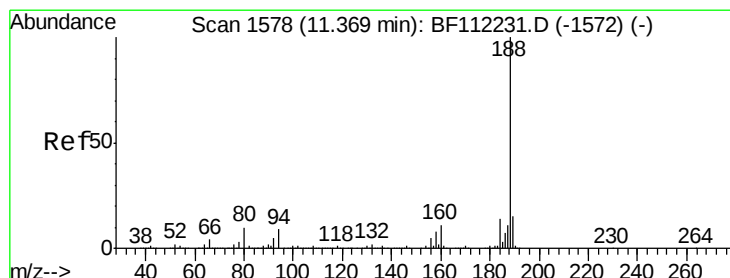
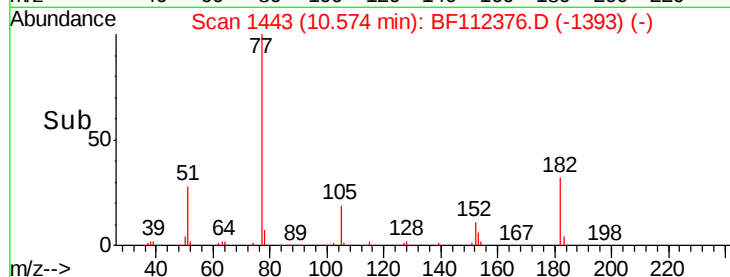
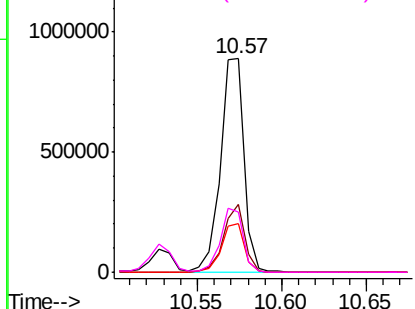
#63
Azobenzene
Concen: 39.356 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.7	5.7	45.7
105	22.5	1.4	41.4
51	28.1	9.5	49.5

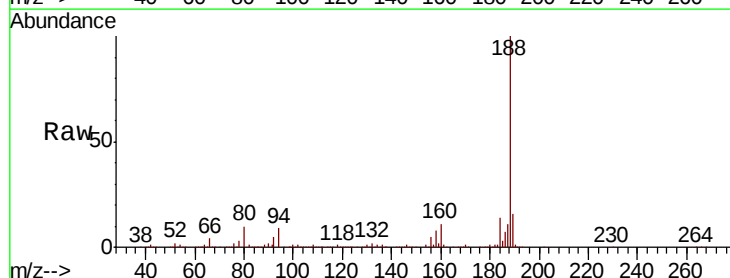


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

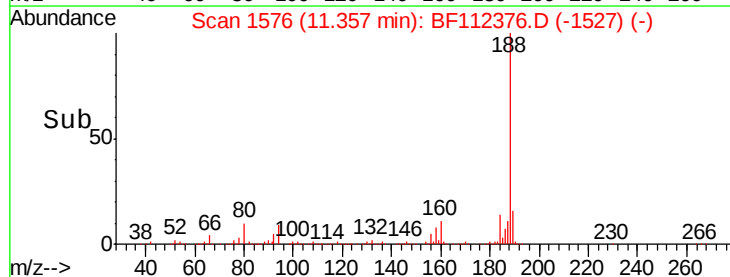
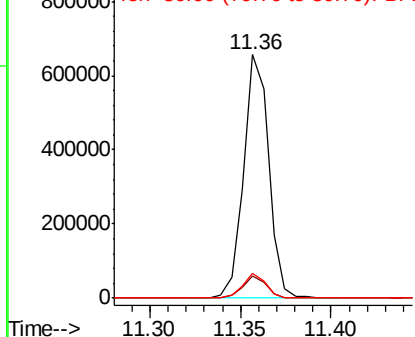


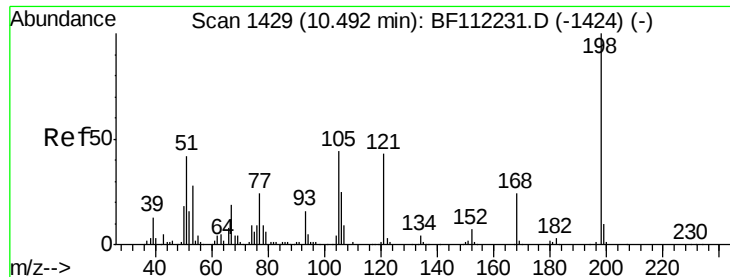
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	10.2	8.9	13.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

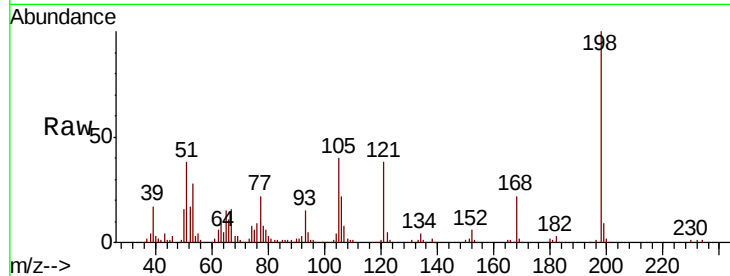




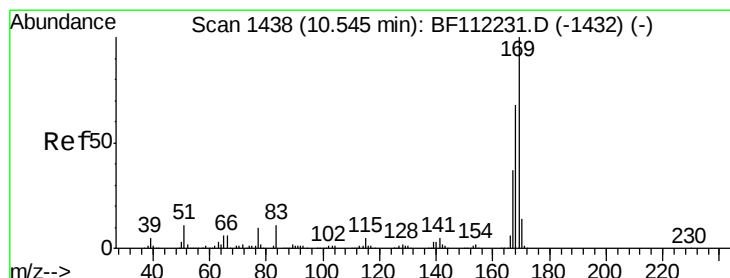
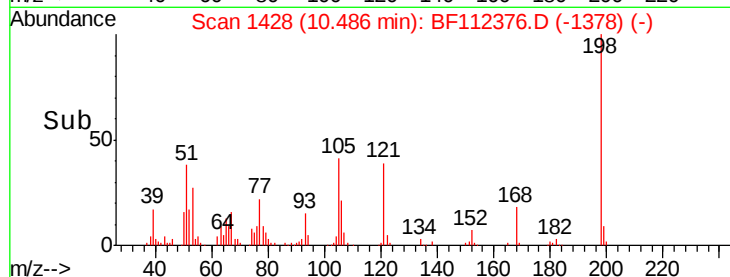
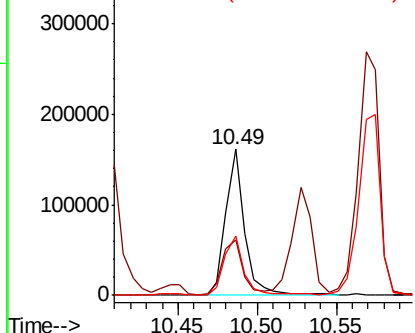
#65
4,6-Dinitro-2-methylphenol
Concen: 38.062 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 134878
Ion Ratio Lower Upper
198 100
51 38.2 17.2 57.2
105 40.4 21.9 61.9

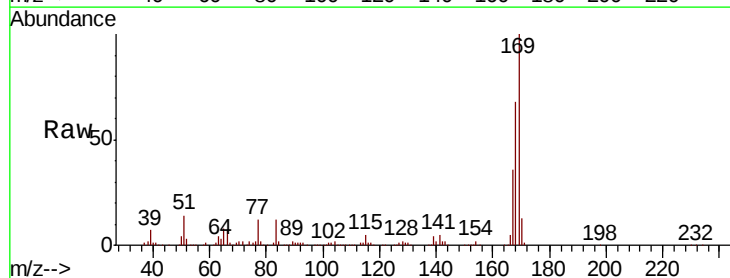


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

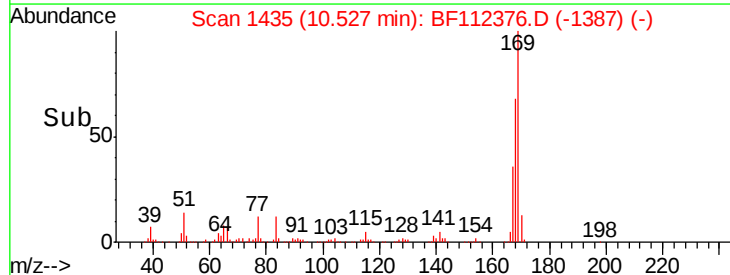
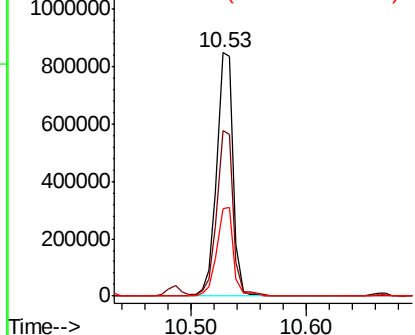


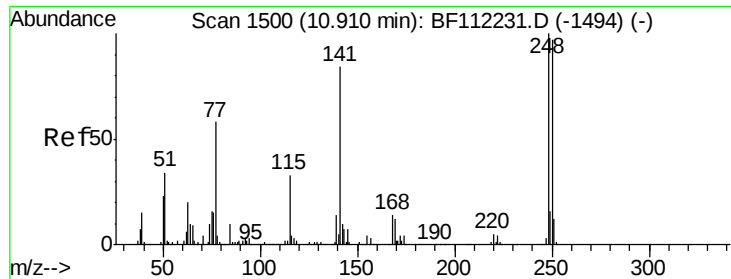
#66
n-Nitrosodiphenylamine
Concen: 39.400 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion:169 Resp: 839270
Ion Ratio Lower Upper
169 100
168 67.8 53.9 80.9
167 36.0 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

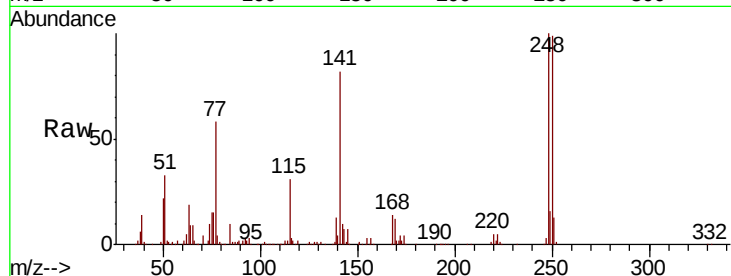




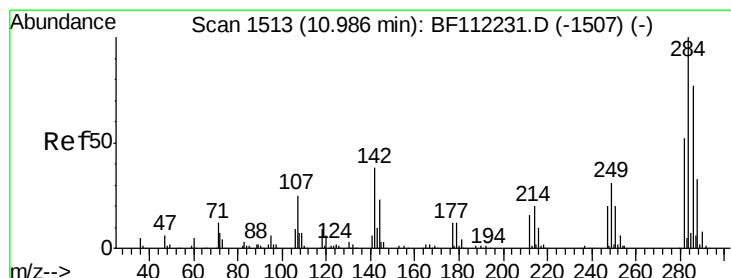
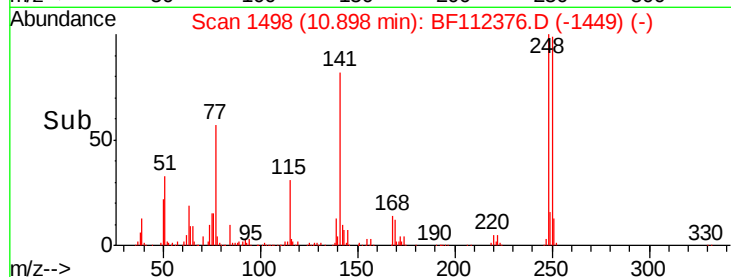
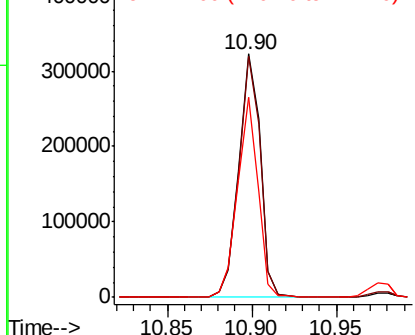
#67
4-Bromophenyl-phenylether
Concen: 38.749 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 288050
Ion Ratio Lower Upper
248 100
250 98.9 79.7 119.5
141 82.1 60.3 90.5

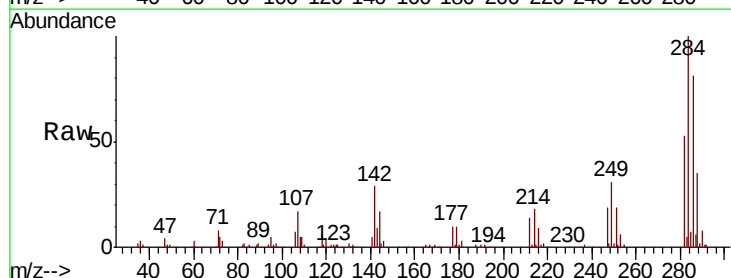


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

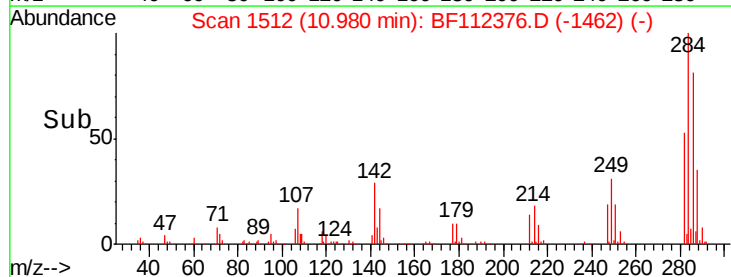
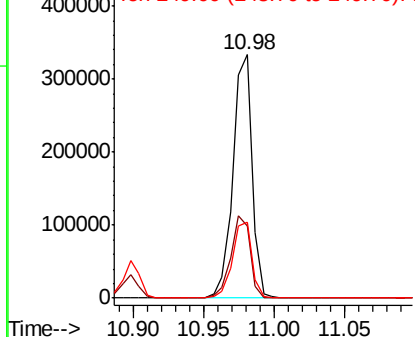


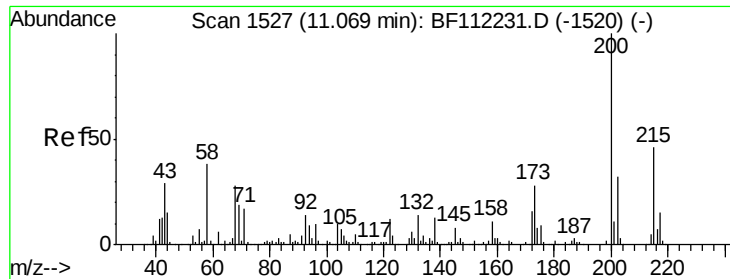
#68
Hexachlorobenzene
Concen: 39.519 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion:284 Resp: 315180
Ion Ratio Lower Upper
284 100
142 29.4 27.6 41.4
249 31.0 24.1 36.1



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

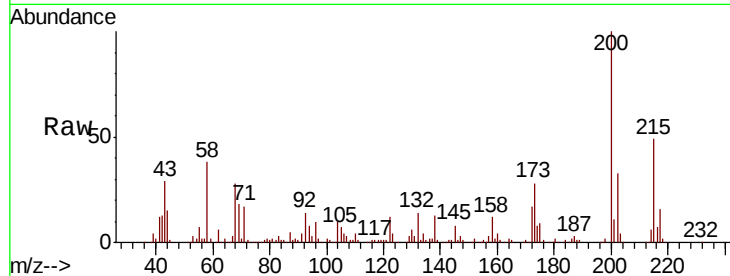




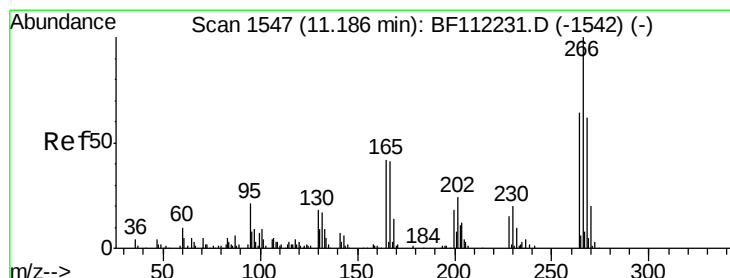
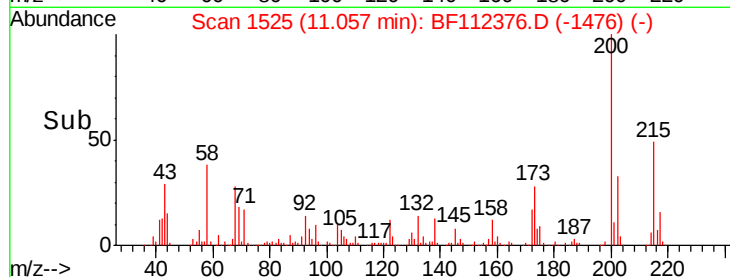
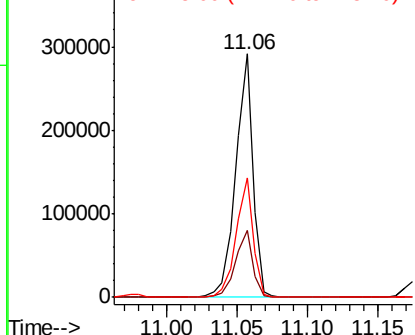
#69
Atrazine
Concen: 36.133 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:200 Resp: 248356
Ion Ratio Lower Upper
200 100
173 27.6 7.1 47.1
215 49.2 30.4 70.4

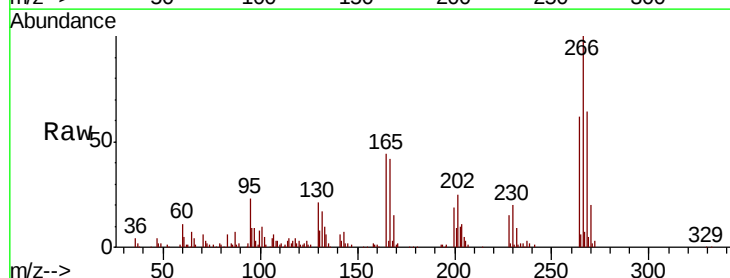


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

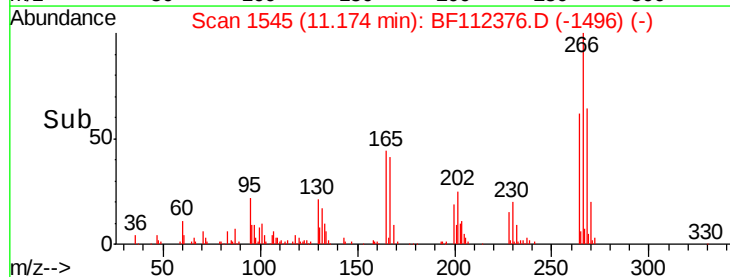
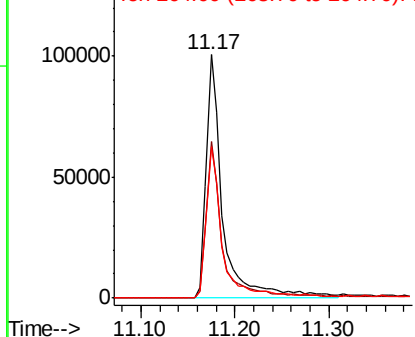


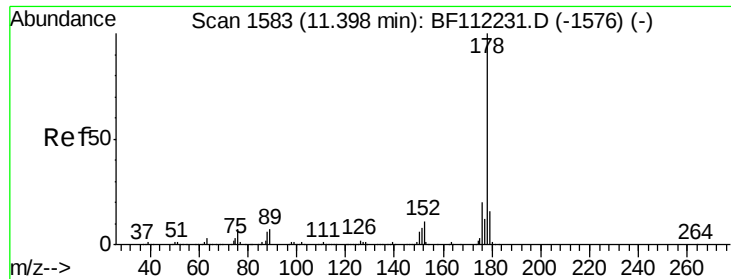
#70
Pentachlorophenol
Concen: 40.414 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion:266 Resp: 125418
Ion Ratio Lower Upper
266 100
268 64.2 51.2 76.8
264 62.2 50.9 76.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.378 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

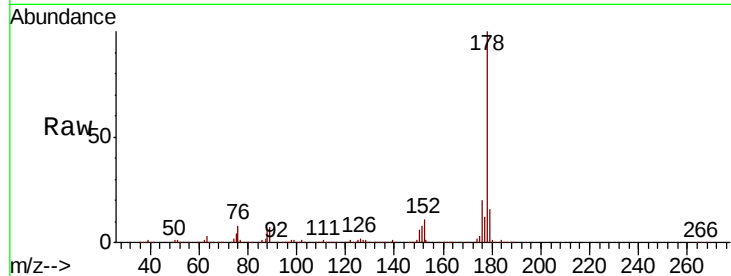
Tot Ion:178 Resp: 1293930

Ion Ratio Lower Upper

178 100

176 20.2 16.3 24.5

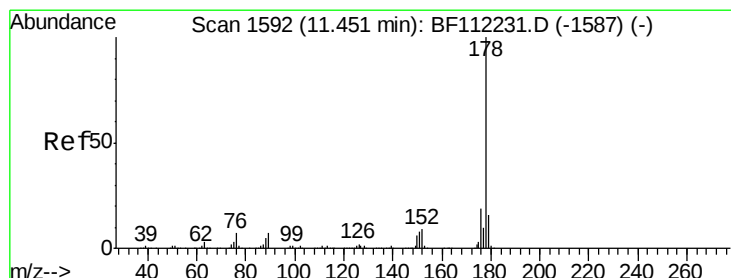
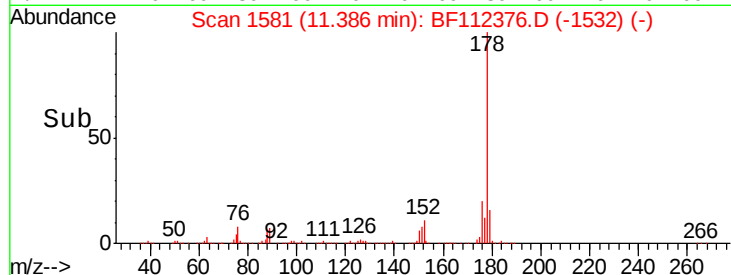
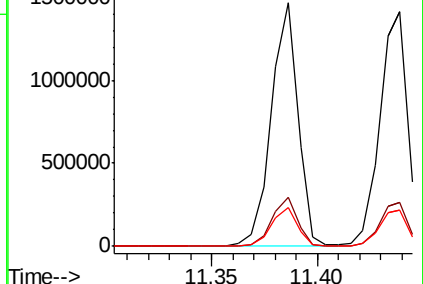
179 16.0 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.634 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

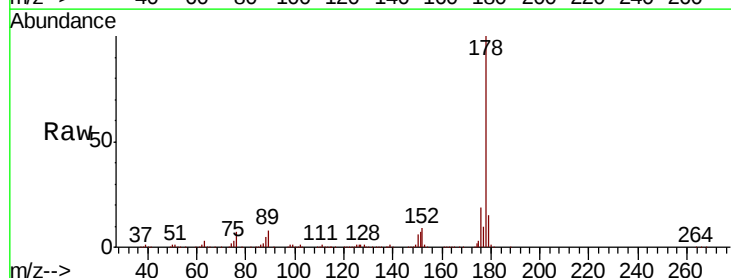
Tgt Ion:178 Resp: 1330014

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

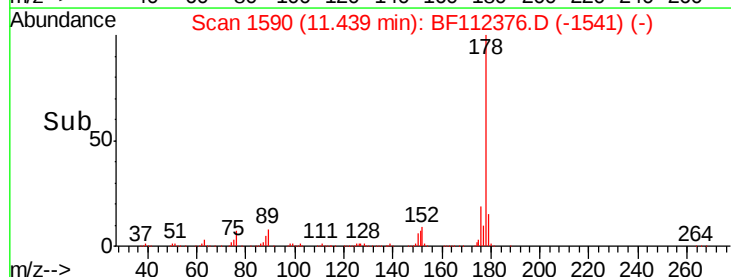
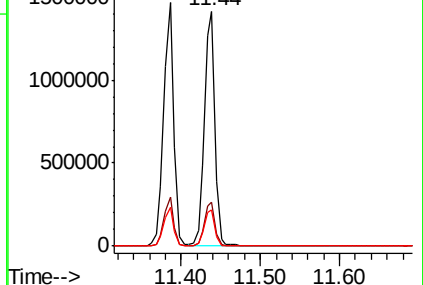
179 15.3 12.8 19.2

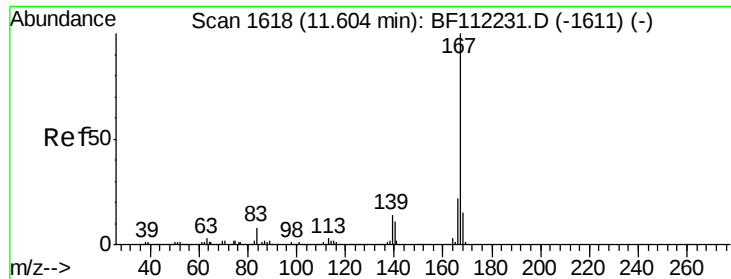


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

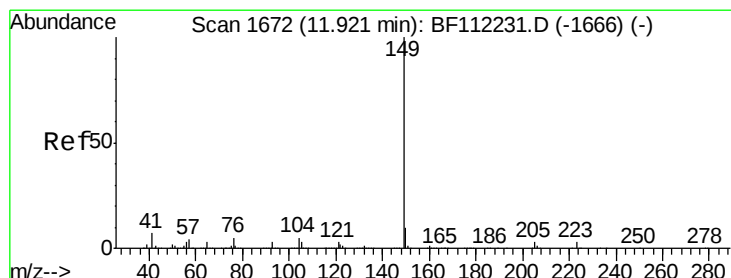
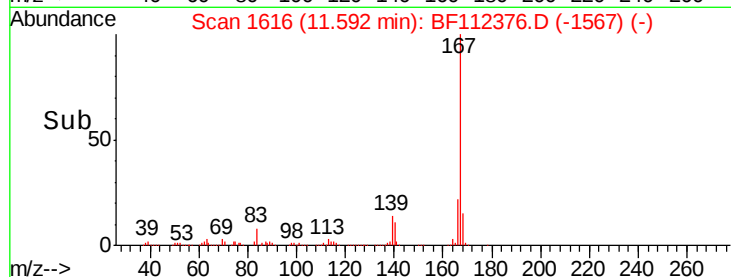
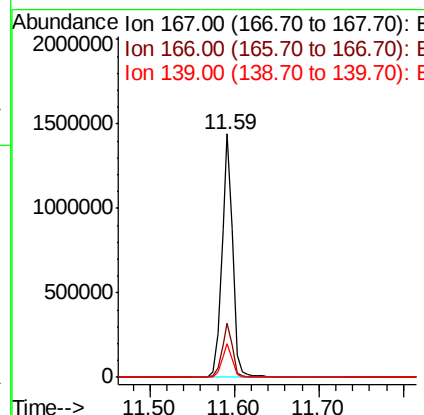
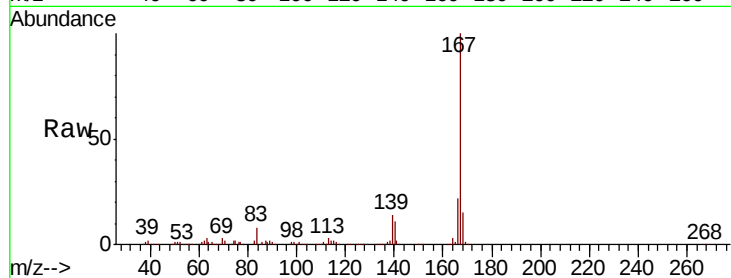




#73
 Carbazole
 Concen: 40.820 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

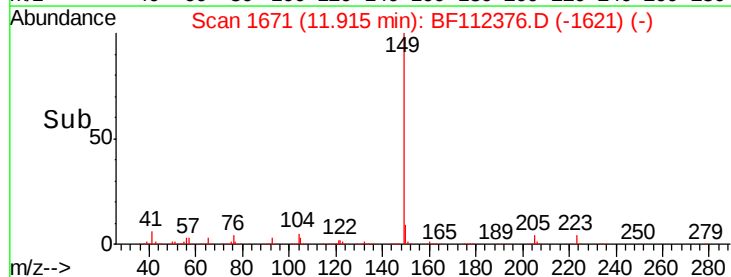
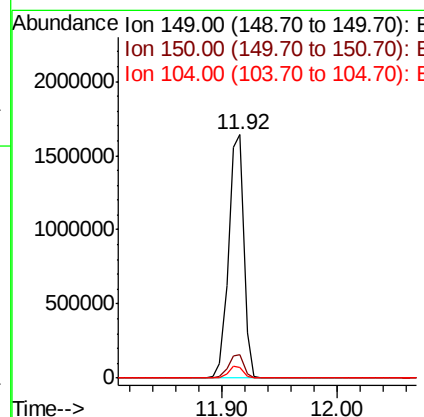
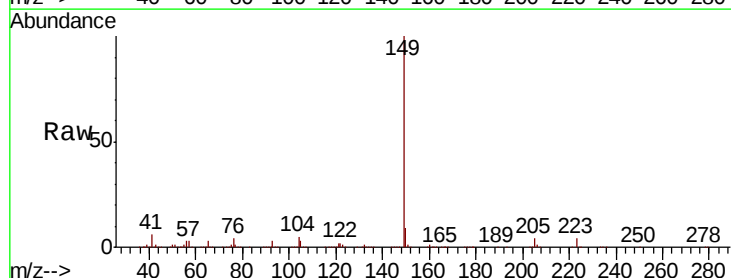
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

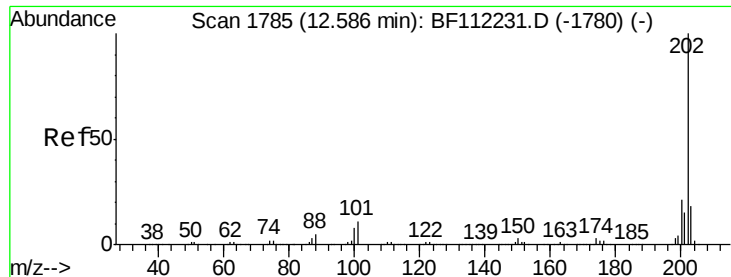
Tot Ion:167 Resp: 1317959
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.9 26.9
 139 14.0 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 37.622 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Tgt Ion:149 Resp: 1507729
 Ion Ratio Lower Upper
 149 100
 150 9.4 8.1 12.1
 104 4.5 3.9 5.9

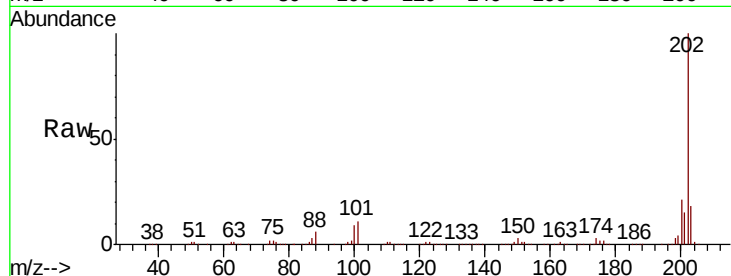




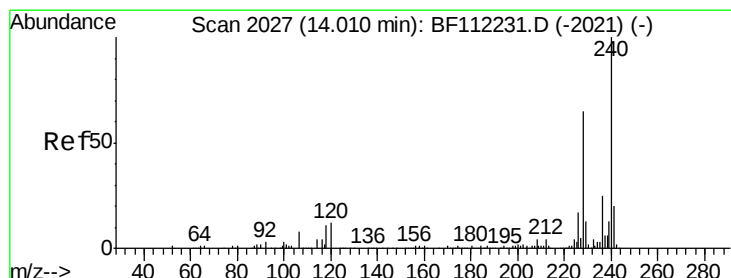
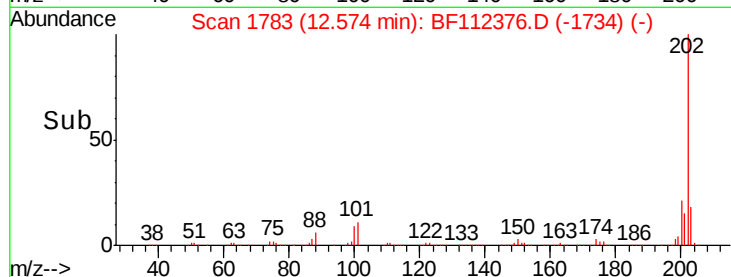
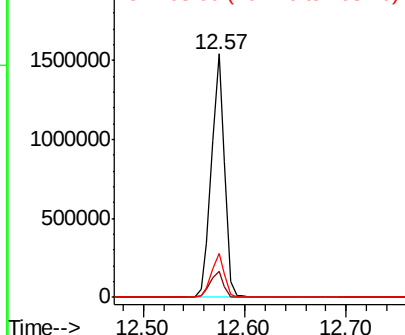
#75
Fluoranthene
Concen: 39.353 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1386912
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.8
203 18.2 0.0 38.4

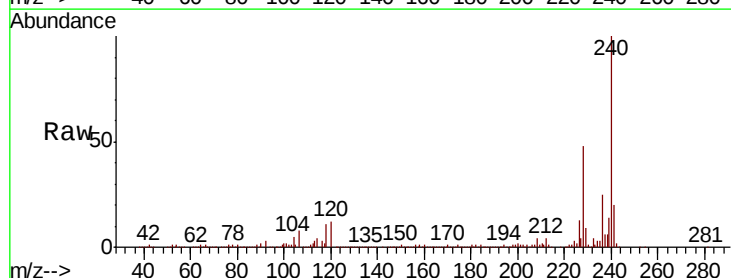


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

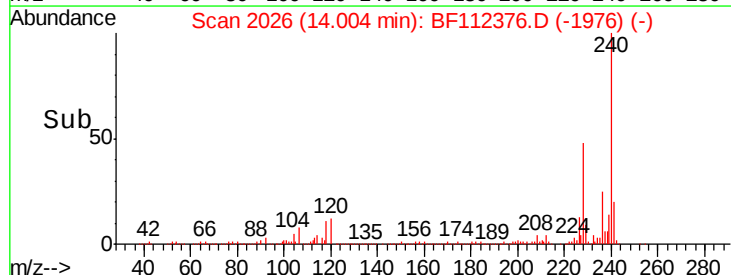
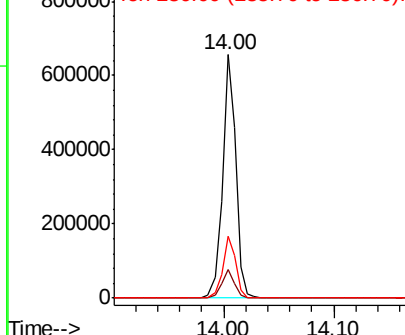


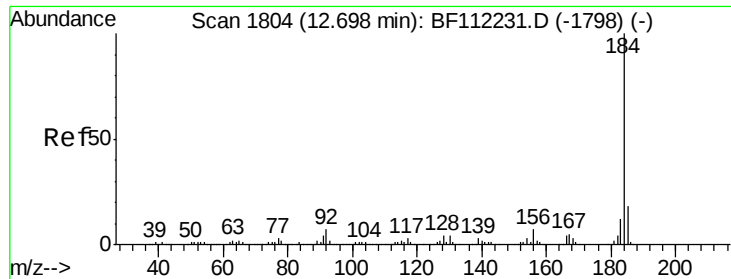
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion:240 Resp: 546076
Ion Ratio Lower Upper
240 100
120 11.9 9.0 13.6
236 25.2 20.7 31.1



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





#77

Benzidine

Concen: 35.883 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

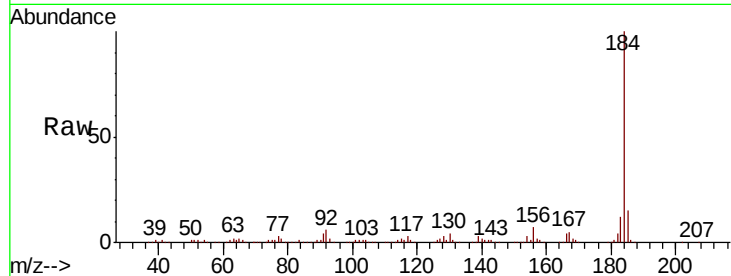
Tot Ion:184 Resp: 539316

Ion Ratio Lower Upper

184 100

185 15.5 13.9 20.9

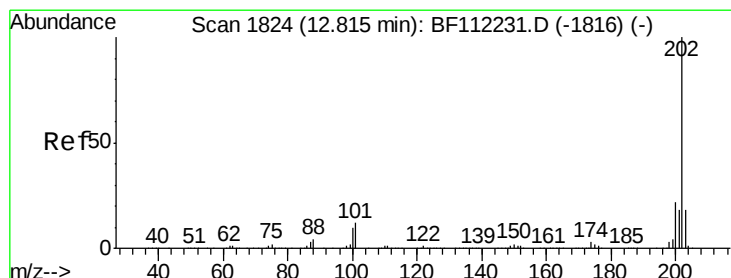
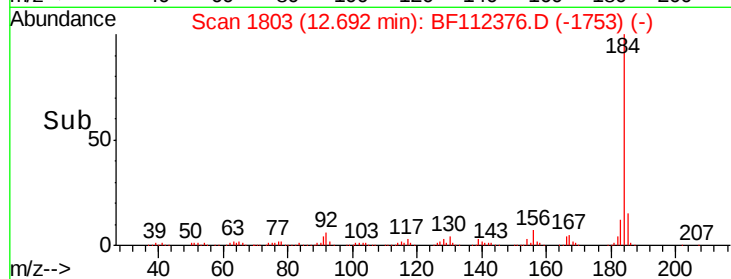
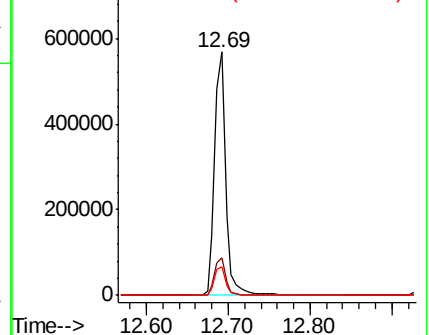
183 11.8 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.810 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

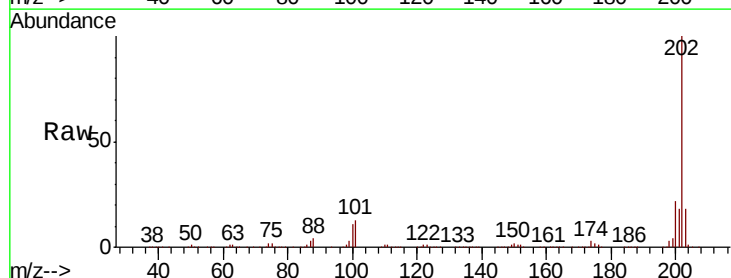
Tgt Ion:202 Resp: 1429485

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

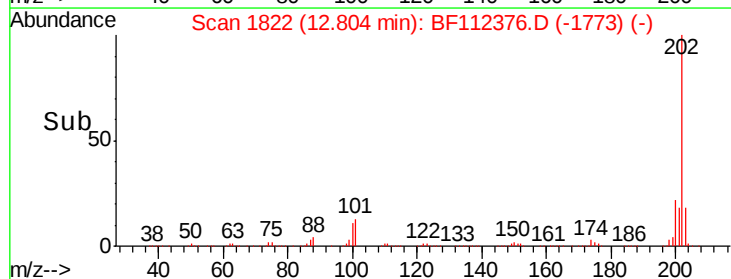
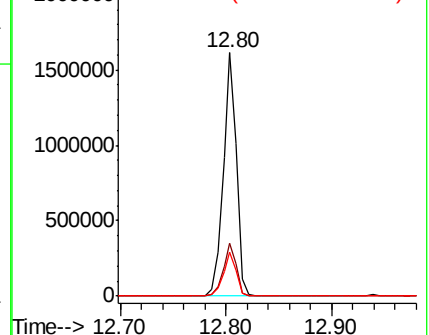
203 18.0 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

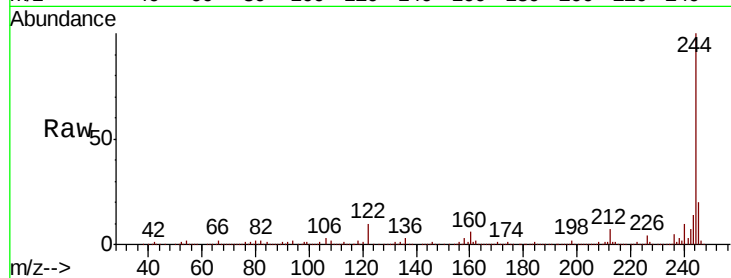




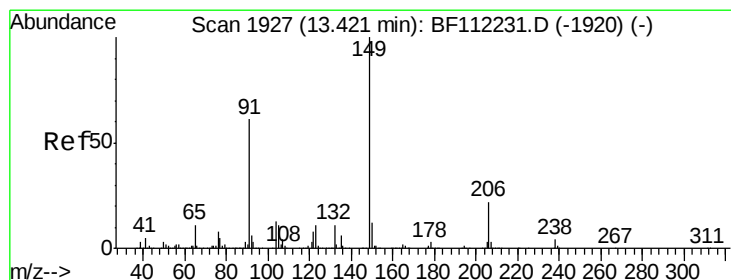
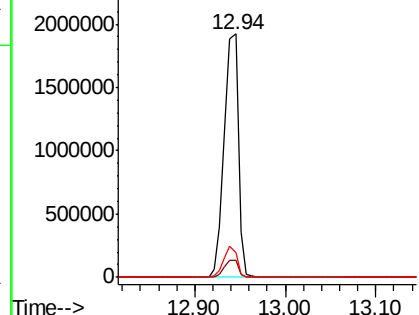
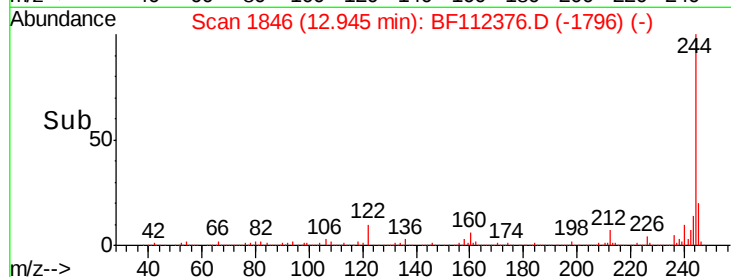
#79
 Terphenyl-d14
 Concen: 71.364 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:244 Resp: 2069083
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.0 9.8 14.6

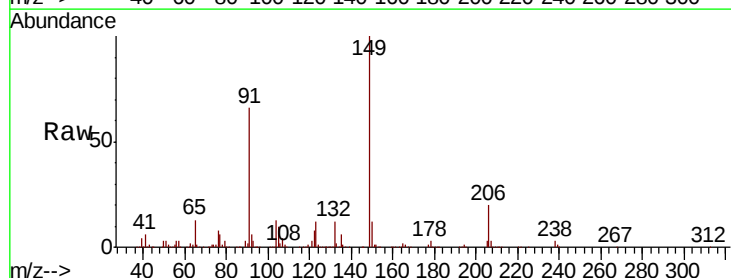


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

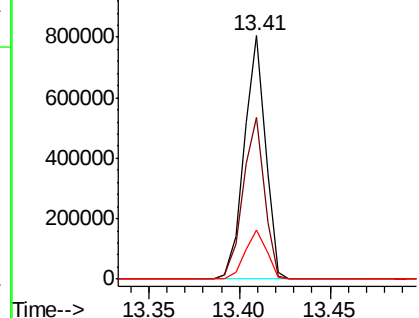
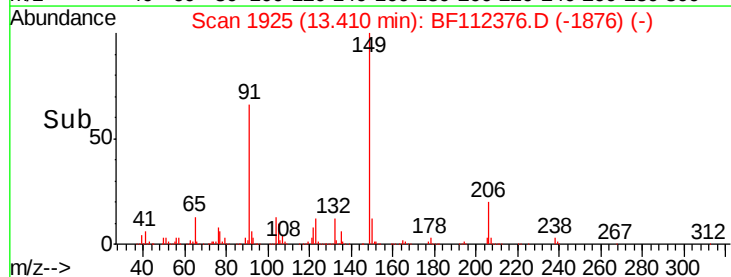


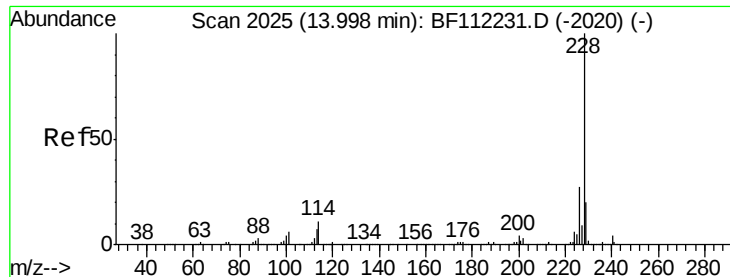
#80
 Butylbenzylphthalate
 Concen: 35.880 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Tgt Ion:149 Resp: 656311
 Ion Ratio Lower Upper
 149 100
 91 66.2 50.3 75.5
 206 20.3 18.2 27.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.350 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

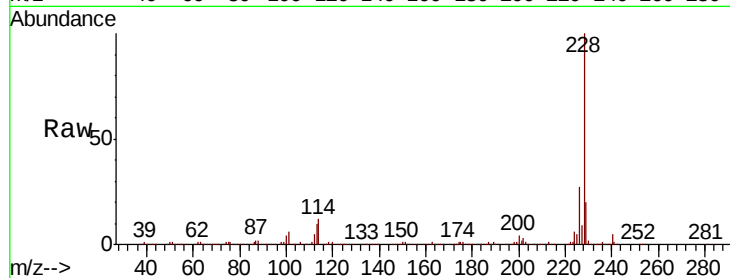
Tot Ion:228 Resp: 1263172

Ion Ratio Lower Upper

228 100

226 27.4 22.6 34.0

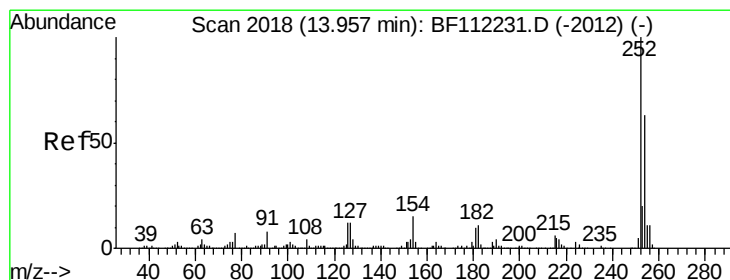
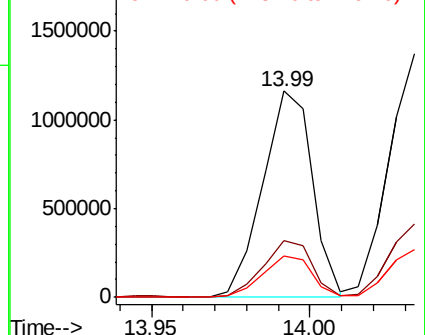
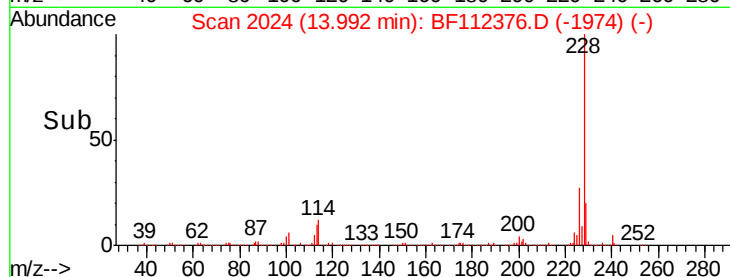
229 19.8 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.585 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

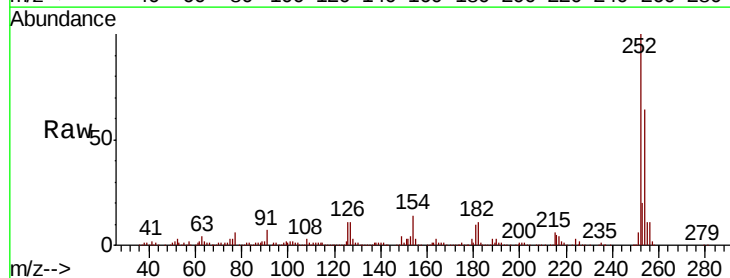
Tgt Ion:252 Resp: 487579

Ion Ratio Lower Upper

252 100

254 64.4 51.6 77.4

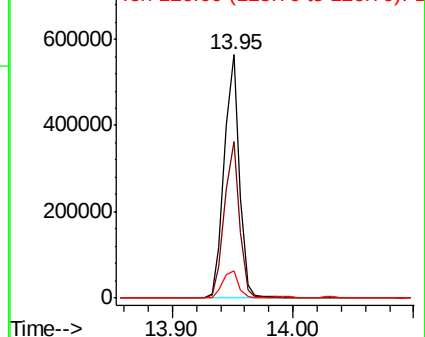
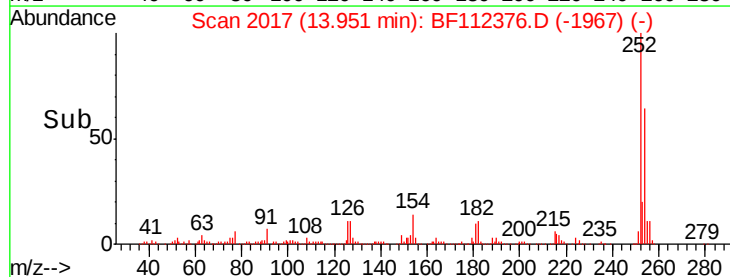
126 11.3 8.6 12.8

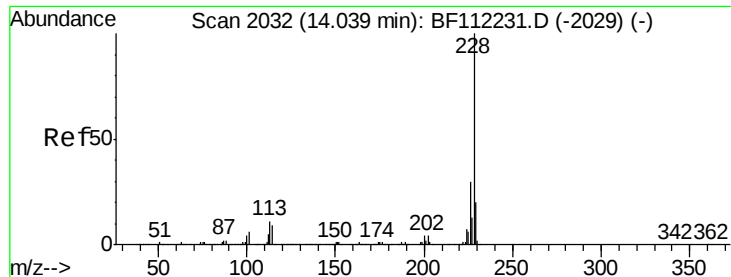


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

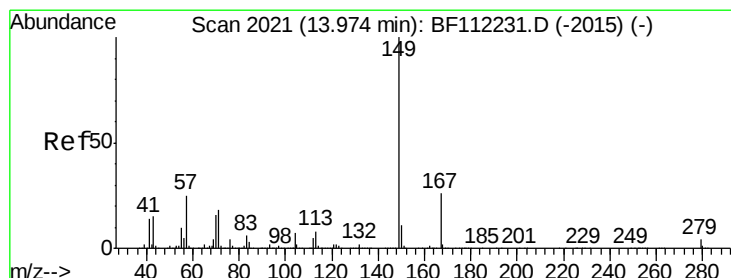
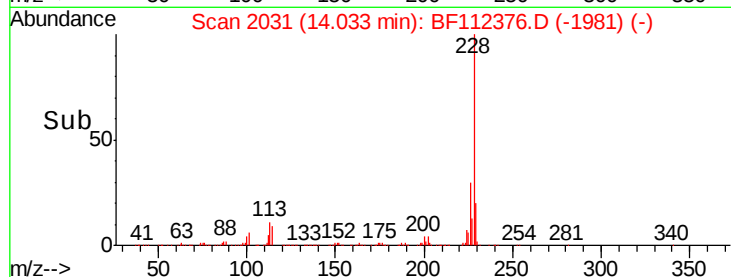
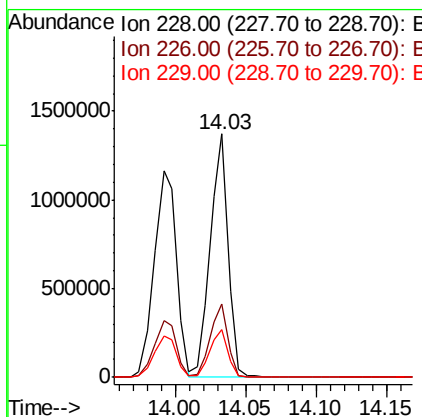
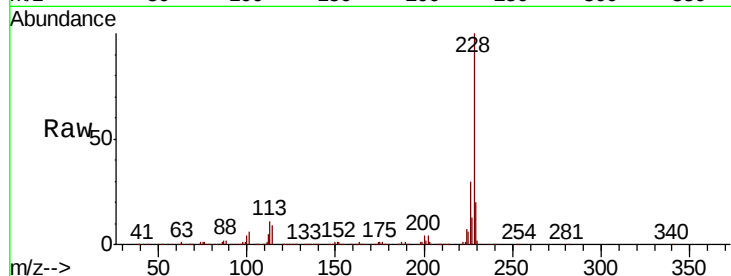




#83
 Chrvsene
 Concen: 39.416 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

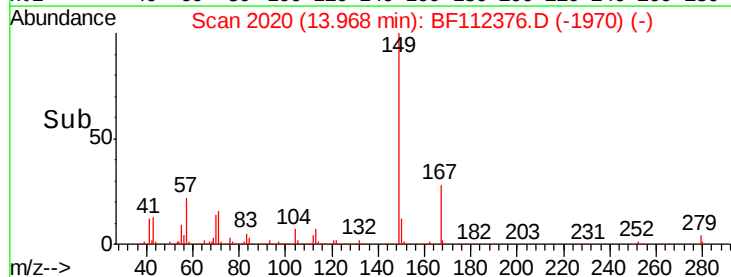
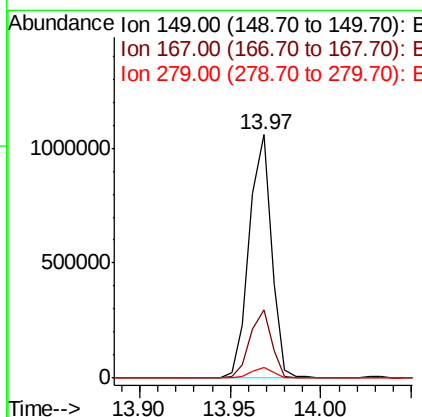
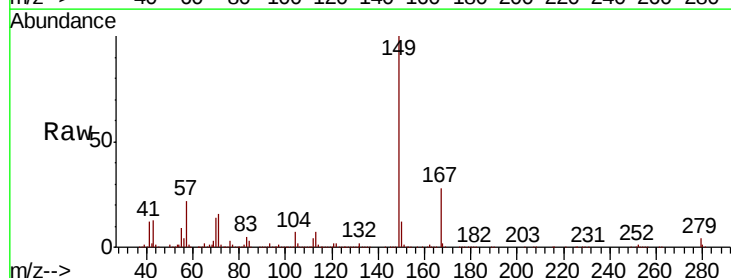
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 1207806
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.0 37.6
 229 19.8 16.6 24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.064 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Tgt Ion:149 Resp: 910431
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.5 33.7
 279 4.4 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 36.652 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

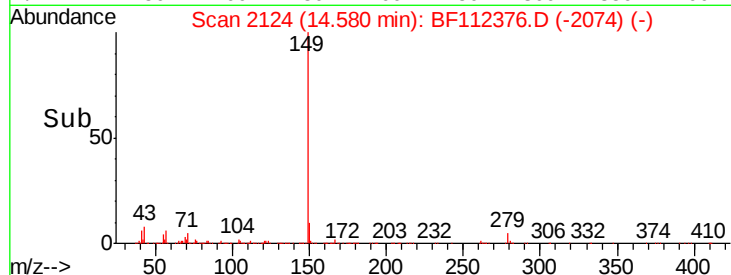
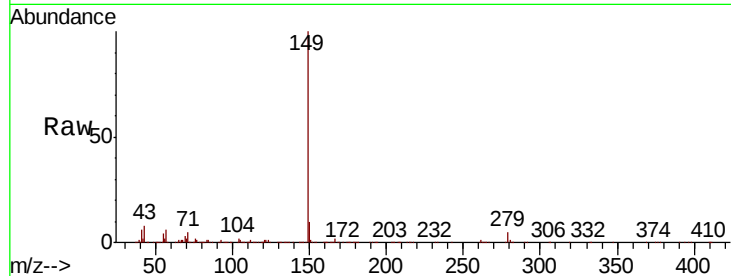
Tot Ion:149 Resp: 1464184

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

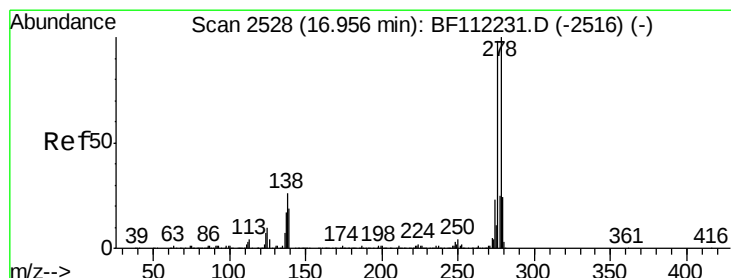
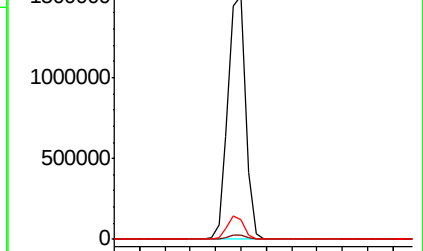
43 8.9 7.8 11.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.962 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

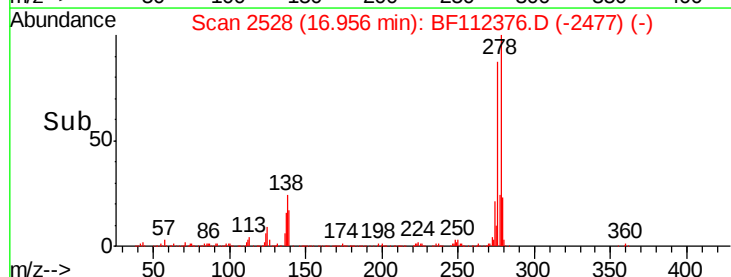
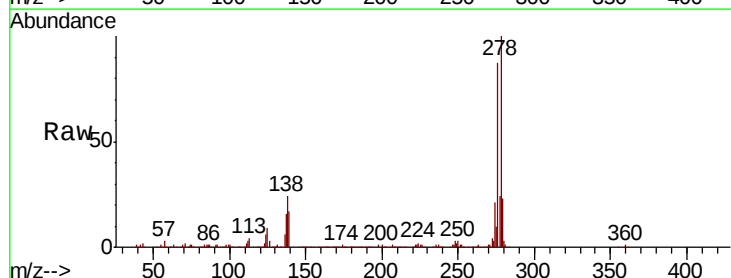
Tgt Ion:276 Resp: 1043124

Ion Ratio Lower Upper

276 100

138 25.4 22.6 34.0

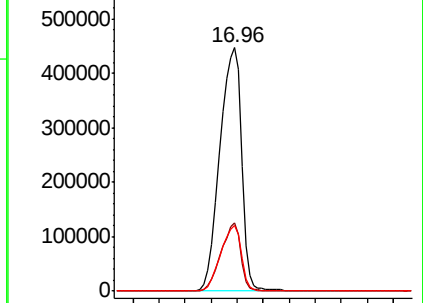
277 25.5 20.3 30.5

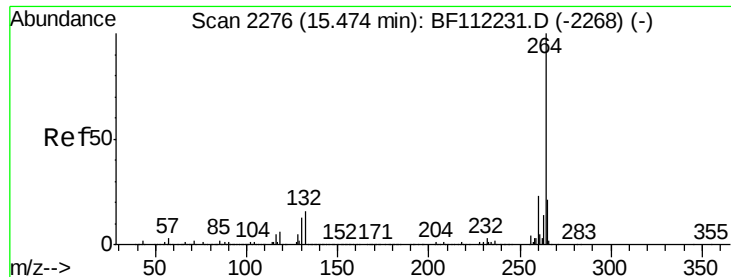


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



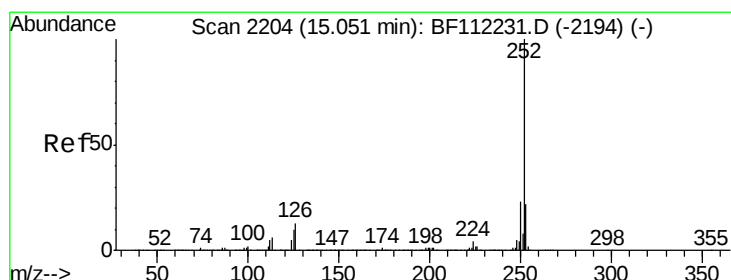
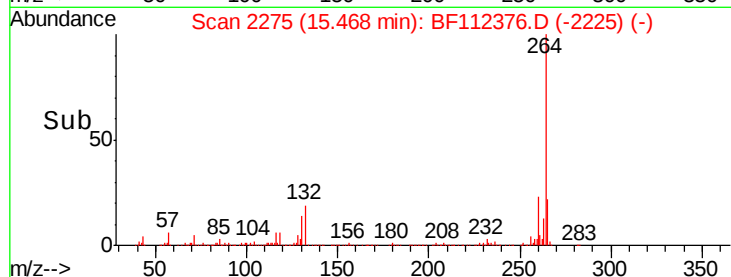
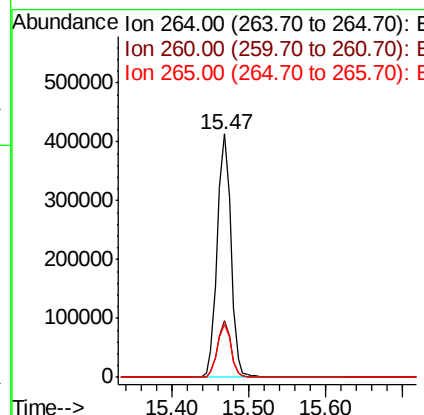
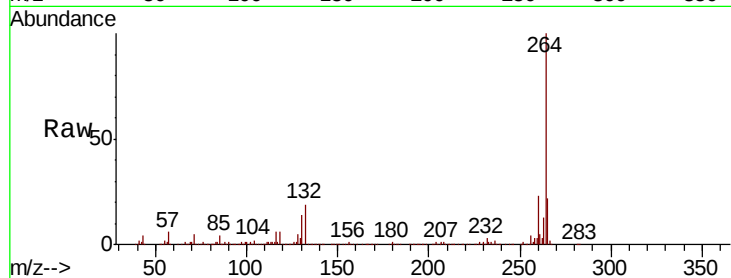


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 503503

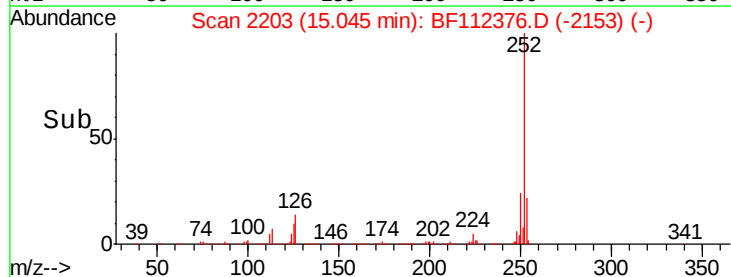
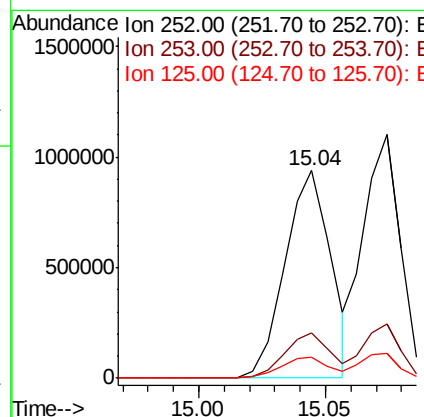
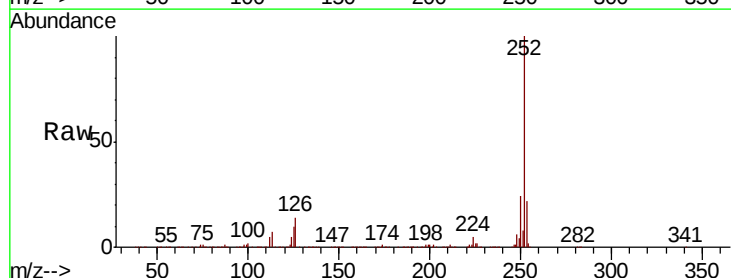
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	21.7	17.0	25.4

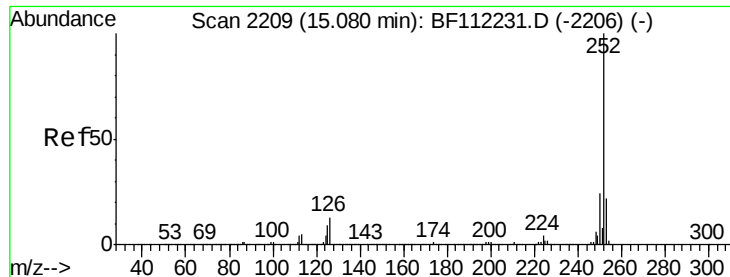


#88
Benzo(b)fluoranthene
Concen: 38.981 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion:252 Resp: 1173792

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.2	8.7	13.1

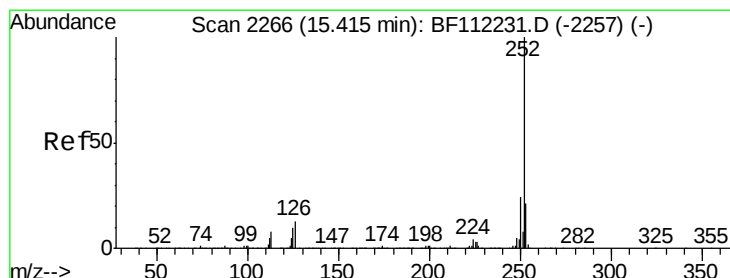
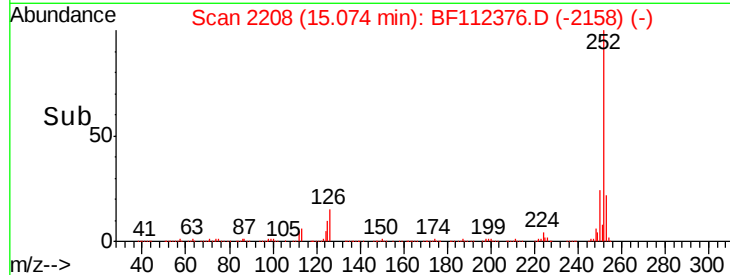
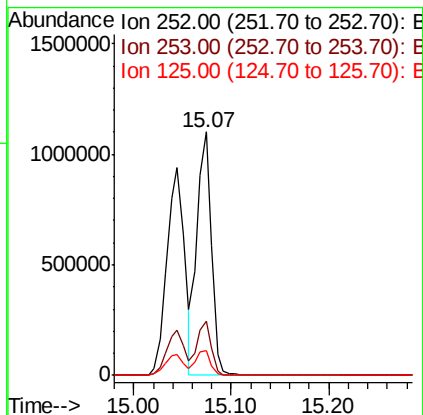
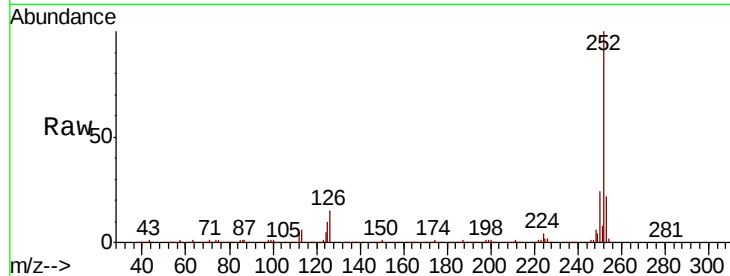




#89
Benzo(k)fluoranthene
Concen: 39.352 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

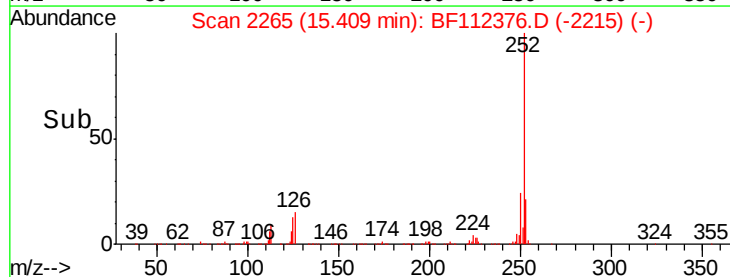
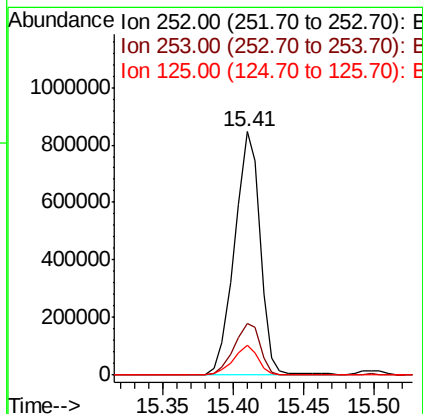
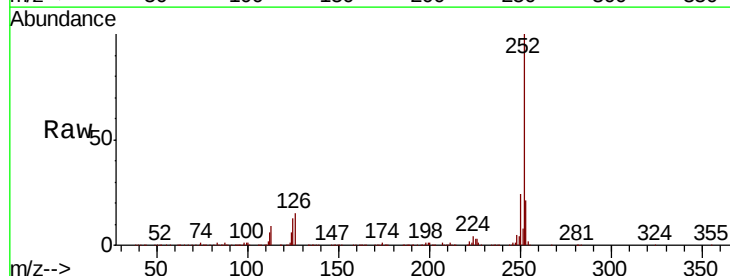
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

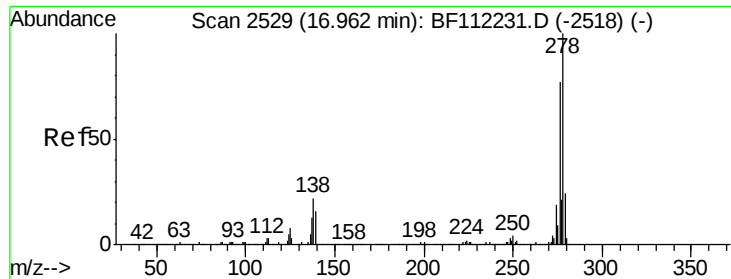
Tot Ion:252 Resp: 1135028
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 10.3 9.1 13.7



#90
Benzo(a)pyrene
Concen: 39.471 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion:252 Resp: 1069436
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 12.5 9.0 13.4

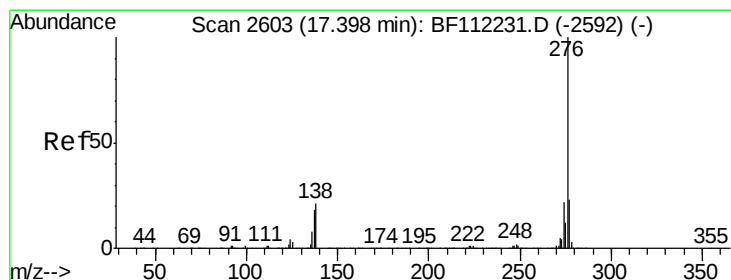
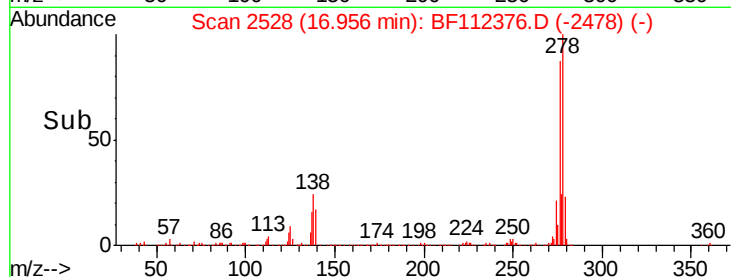
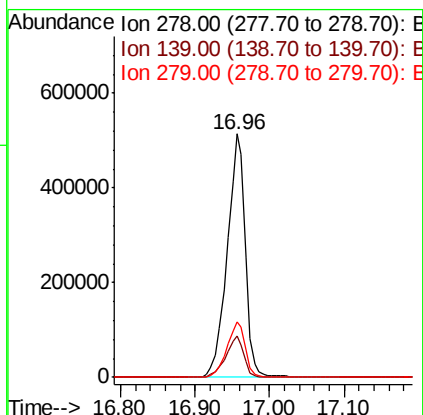
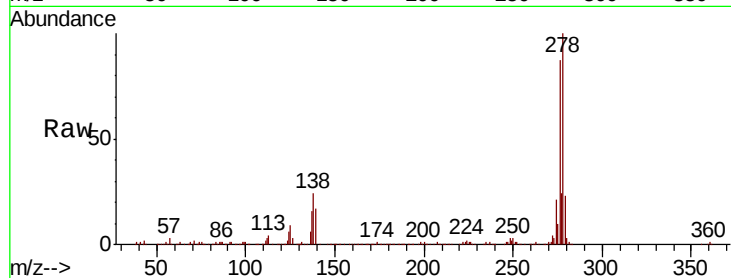




#91
Dibenzo(a,h)anthracene
Concen: 40.026 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 874030
Ion Ratio Lower Upper
278 100
139 17.2 13.7 20.5
279 22.8 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 40.455 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion:276 Resp: 833443
Ion Ratio Lower Upper
276 100
277 23.0 19.4 29.0
138 21.3 19.1 28.7

