

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113145.D
 Acq On : 20 Mar 2019 00:59
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 20 01:50:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	163431	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	619612	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	269519	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	459522	20.00	ng	-0.01
76) Chrysene-d12	13.87	240	314448	20.00	ng	0.00
87) Perylene-d12	15.27	264	275976	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	693423	66.00	ng	-0.01
7) Phenol-d6	6.37	99	846843	64.17	ng	0.00
23) Nitrobenzene-d5	7.29	82	868713	83.89	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	220592	77.10	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1488703	94.20	ng	0.00
79) Terphenyl-d14	12.82	244	1267883	78.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	188579	35.807	ng	97
3) Pyridine	3.08	79	453613	32.194	ng	99
4) n-Nitrosodimethylamine	3.02	42	189365	30.724	ng	98
6) Aniline	6.39	93	521033	28.681	ng	# 32
8) 2-Chlorophenol	6.52	128	412666	35.284	ng	92
9) Benzaldehyde	6.27	77	268868	28.274	ng	99
10) Phenol	6.39	94	480267	31.184	ng	# 70
11) bis(2-Chloroethyl)ether	6.46	93	403645	34.147	ng	95
12) 1,3-Dichlorobenzene	6.66	146	477057	39.486	ng	99
13) 1,4-Dichlorobenzene	6.74	146	478955	39.530	ng	99
14) 1,2-Dichlorobenzene	6.90	146	441137	39.717	ng	99
15) Benzyl Alcohol	6.87	79	355324	35.307	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	662677	33.592	ng	83
17) 2-Methylphenol	6.99	107	338833	35.712	ng	98
18) Hexachloroethane	7.24	117	148810	32.063	ng	# 90
19) n-Nitroso-di-n-propylamine	7.15	70	291811	34.911	ng	99
20) 3+4-Methylphenols	7.15	107	416910	38.921	ng	# 71
22) Acetophenone	7.13	105	610195	42.117	ng	# 90
24) Nitrobenzene	7.31	77	454288	39.418	ng	97
25) Isophorone	7.55	82	811008	36.355	ng	97
26) 2-Nitrophenol	7.62	139	160881	33.534	ng	96
27) 2,4-Dimethylphenol	7.67	122	340772	38.180	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	526772	37.769	ng	99
29) 2,4-Dichlorophenol	7.87	162	351913	40.658	ng	96
30) 1,2,4-Trichlorobenzene	7.95	180	392265	42.178	ng	98
31) Naphthalene	8.03	128	1200357	39.020	ng	100
32) Benzoic acid	7.81	122	47919	7.660	ng	91
33) 4-Chloroaniline	8.08	127	495292	38.013	ng	99
34) Hexachlorobutadiene	8.15	225	241343	46.014	ng	99
35) Caprolactam	8.45	113	105318	34.548	ng	96
36) 4-Chloro-3-methylphenol	8.57	107	347898	36.319	ng	97
37) 2-Methylnaphthalene	8.72	142	769628	38.741	ng	99
38) 1-Methylnaphthalene	8.82	142	739093	38.407	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	377574	48.041	ng	# 97

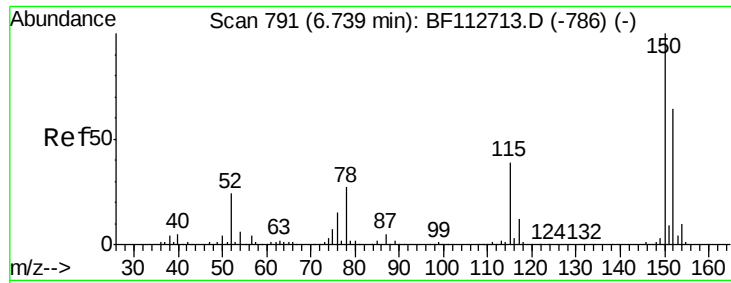
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	23772	5.523	ng	98
43) 2,4,6-Trichlorophenol	9.00	196	217301	40.173	ng	99
44) 2,4,5-Trichlorophenol	9.05	196	224997	38.484	ng	98
46) 1,1'-Biphenyl	9.19	154	945399	43.005	ng	97
47) 2-Chloronaphthalene	9.21	162	701316	40.856	ng	97
48) 2-Nitroaniline	9.30	65	232282	44.519	ng	94
49) Acenaphthylene	9.62	152	1130401	38.791	ng	99
50) Dimethylphthalate	9.48	163	856709	43.109	ng	100
51) 2,6-Dinitrotoluene	9.55	165	168113	40.623	ng #	79
52) Acenaphthene	9.79	154	622888	36.551	ng	99
53) 3-Nitroaniline	9.71	138	215663	42.768	ng	94
54) 2,4-Dinitrophenol	9.83	184	1812	7.437	ng #	91
55) Dibenzofuran	9.96	168	959945	38.757	ng	96
56) 4-Nitrophenol	9.89	139	110369	26.931	ng	89
57) 2,4-Dinitrotoluene	9.95	165	203094	39.481	ng	90
58) Fluorene	10.30	166	686946	39.077	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	164047	33.678	ng #	95
60) Diethylphthalate	10.18	149	803568	38.285	ng	98
61) 4-Chlorophenyl-phenylether	10.30	204	358428	43.823	ng	92
62) 4-Nitroaniline	10.32	138	197783	42.446	ng	95
63) Azobenzene	10.46	77	706812	32.878	ng	94
65) 4,6-Dinitro-2-methylphenol	10.36	198	5419	7.207	ng	88
66) n-Nitrosodiphenylamine	10.42	169	625771	42.462	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	222283	45.925	ng #	89
68) Hexachlorobenzene	10.86	284	247253	45.317	ng #	91
69) Atrazine	10.94	200	170884	37.860	ng	99
70) Pentachlorophenol	11.05	266	99540	30.997	ng	98
71) Phenanthrene	11.26	178	913158	39.940	ng	99
72) Anthracene	11.31	178	932211	38.951	ng	99
73) Carbazole	11.47	167	852242	36.504	ng	98
74) Di-n-butylphthalate	11.80	149	1126787	40.252	ng	99
75) Fluoranthene	12.45	202	931268	38.019	ng	96
77) Benzidine	12.56	184	407039	24.950	ng	100
78) Pyrene	12.67	202	931316	35.132	ng	99
80) Butylbenzylphthalate	13.29	149	414876	35.456	ng	92
81) Benzo(a)anthracene	13.86	228	729266	33.463	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	308002	37.368	ng #	98
83) Chrysene	13.89	228	739344	34.634	ng	99
84) Bis(2-ethylhexyl)phthalate	13.85	149	510035	37.162	ng	99
85) Di-n-octyl phthalate	14.46	149	890797	37.798	ng	97
86) Indeno(1,2,3-cd)pyrene	16.64	276	691886	38.017	ng	94
88) Benzo(b)fluoranthene	14.87	252	654372	36.658	ng	97
89) Benzo(k)fluoranthene	14.87	252	654372	40.470	ng	97
90) Benzo(a)pyrene	15.22	252	603596	38.228	ng	97
91) Dibenzo(a,h)anthracene	16.65	278	580154	43.059	ng	97
92) Benzo(g,h,i)perylene	17.04	276	550359	40.680	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.01 min

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SSTDCCC040

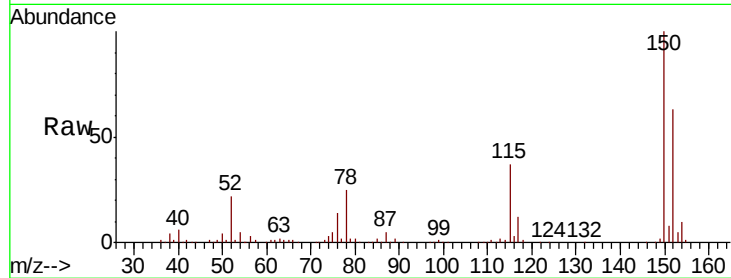
Tgt Ion:152 Resp: 163431

Ion Ratio Lower Upper

152 100

150 157.7 124.2 186.2

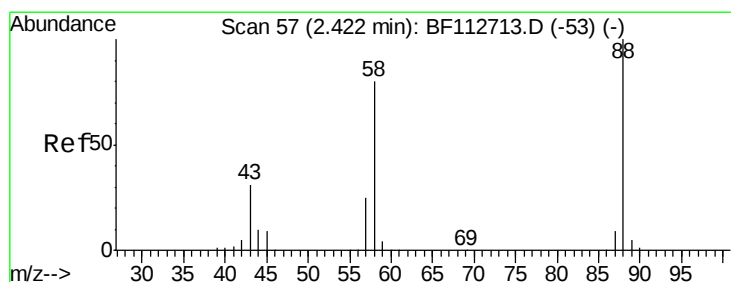
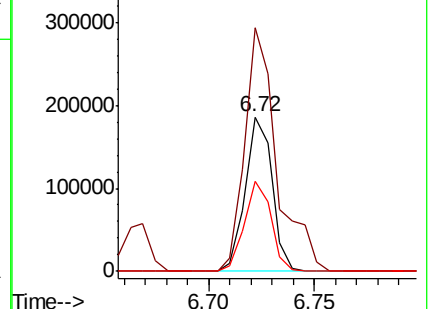
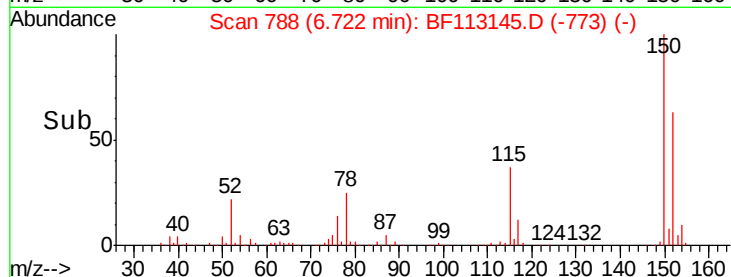
115 58.3 48.2 72.4



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



#2

1,4-Dioxane

Concen: 35.807 ng

RT: 2.38 min Scan# 49

Delta R.T. -0.06 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

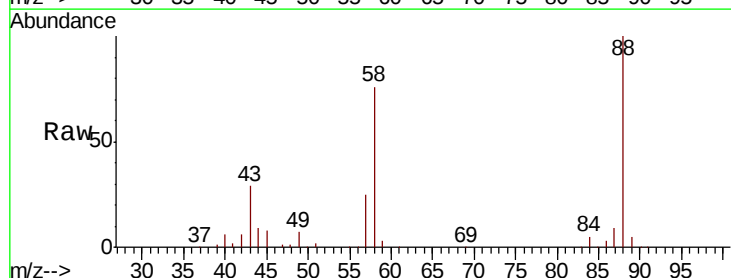
Tgt Ion: 88 Resp: 188579

Ion Ratio Lower Upper

88 100

58 75.4 63.1 94.7

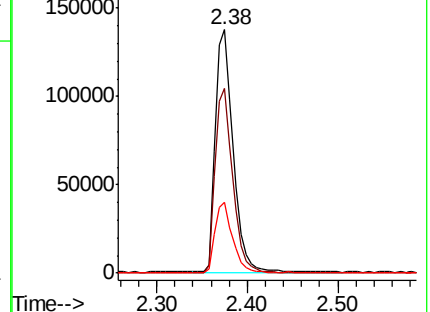
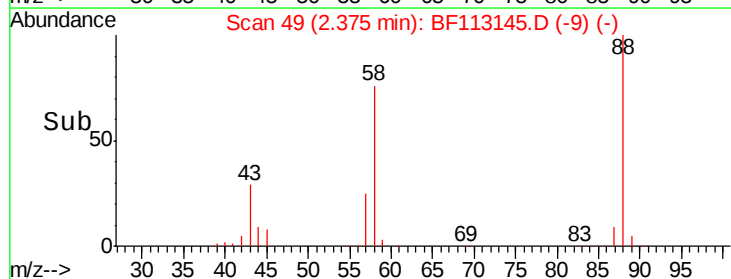
43 29.2 24.3 36.5

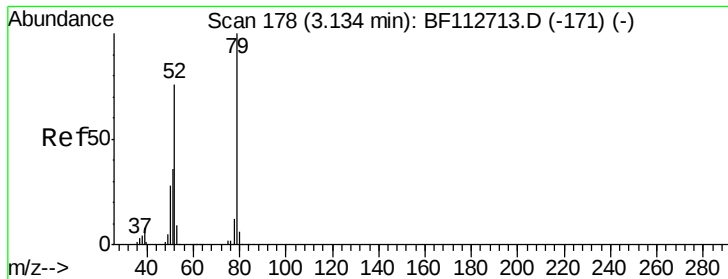


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 32.194 ng

RT: 3.08 min Scan# 169

Delta R.T. -0.06 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

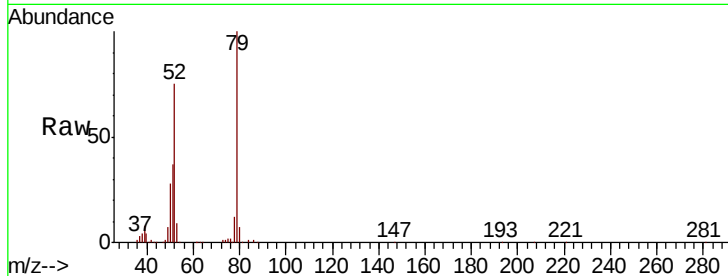
Tgt Ion: 79 Resp: 453613

Ion Ratio Lower Upper

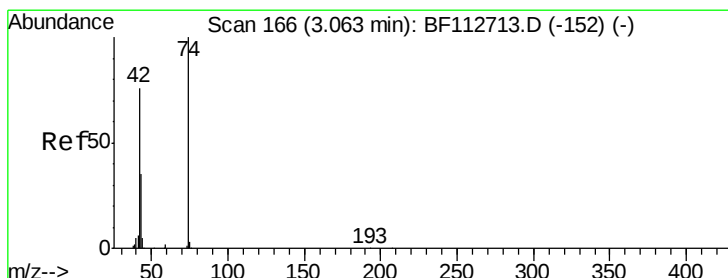
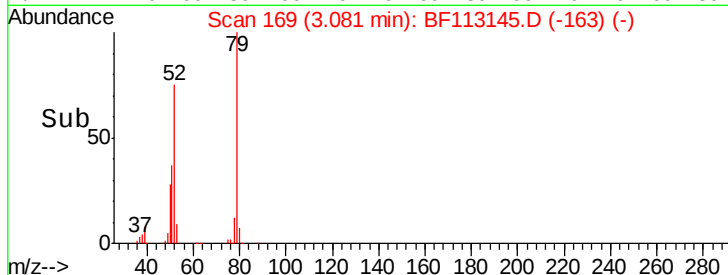
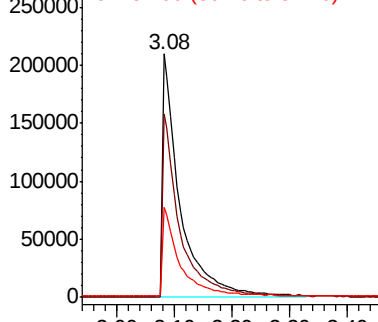
79 100

52 75.3 60.5 90.7

51 37.2 28.8 43.2



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: 30.724 ng

RT: 3.02 min Scan# 159

Delta R.T. -0.06 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

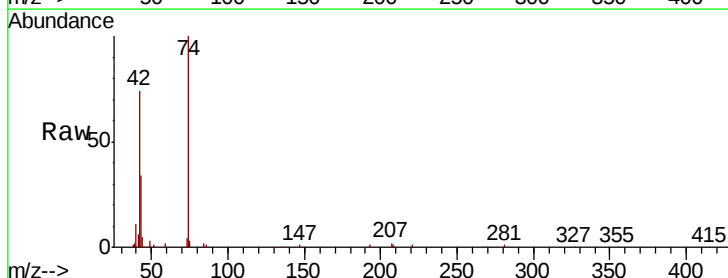
Tgt Ion: 42 Resp: 189365

Ion Ratio Lower Upper

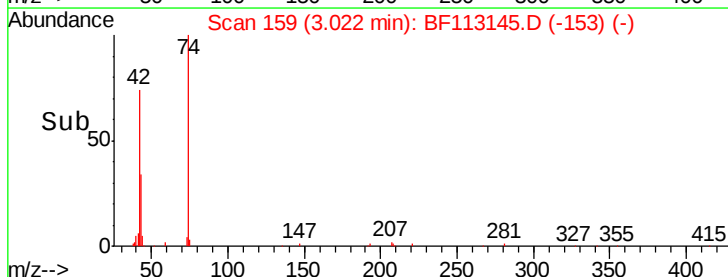
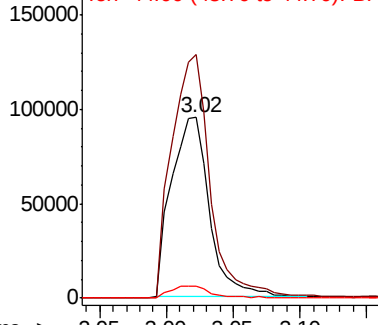
42 100

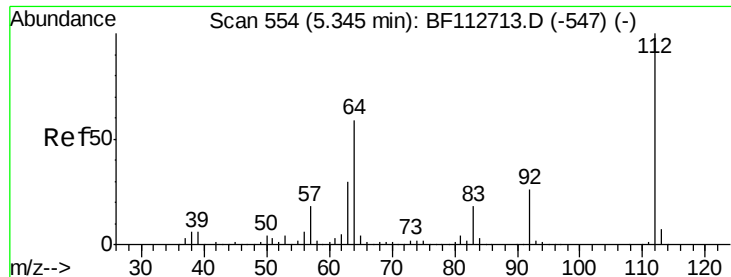
74 134.8 105.8 158.8

44 6.9 6.2 9.2



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: 66.000 ng

RT: 5.33 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF113145.D

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SSTDCCC040

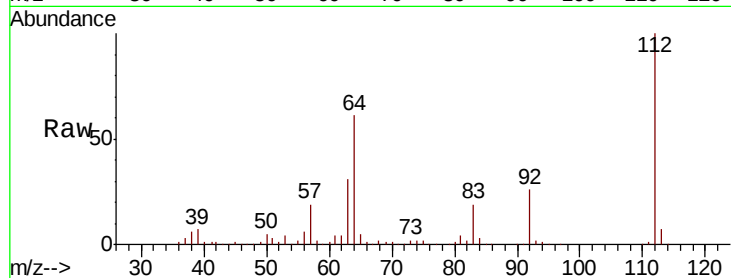
Tgt Ion: 112 Resp: 693423

Ion Ratio Lower Upper

112 100

64 61.2 47.6 71.4

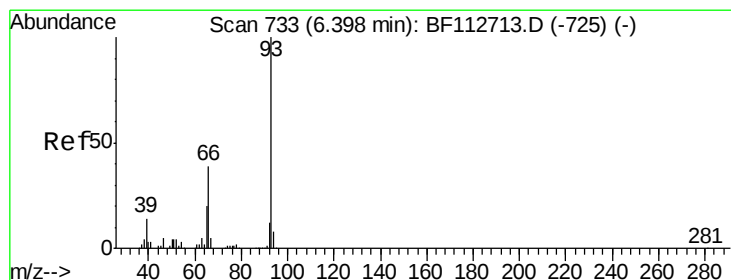
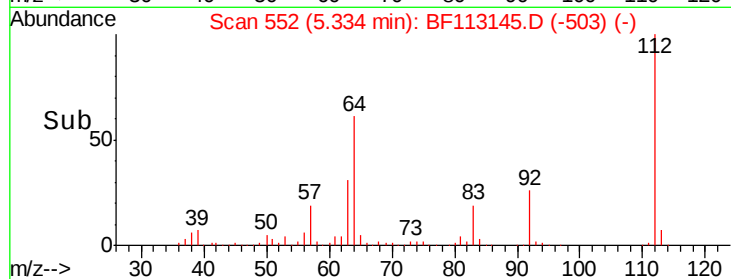
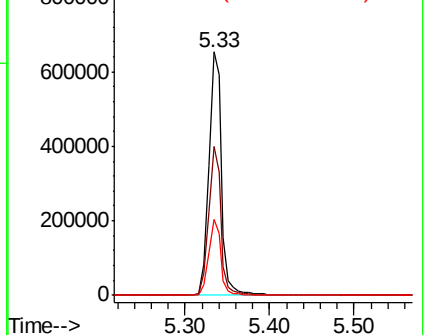
63 31.2 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.681 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

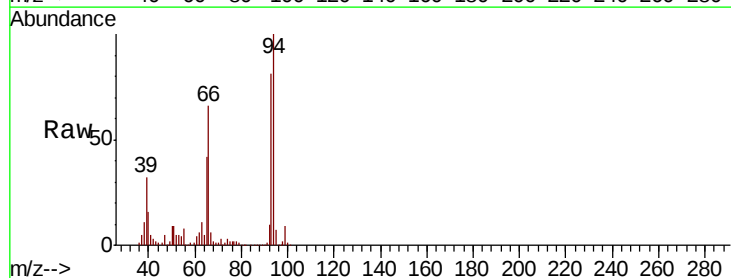
Tgt Ion: 93 Resp: 521033

Ion Ratio Lower Upper

93 100

66 81.6 32.2 48.2#

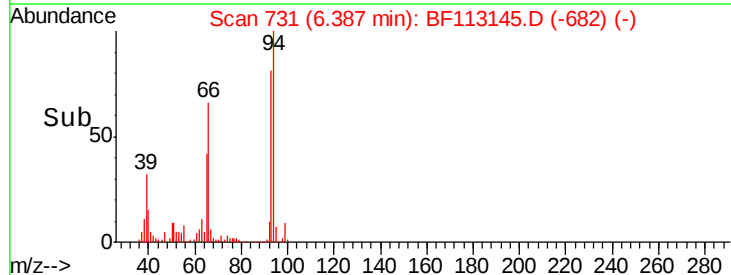
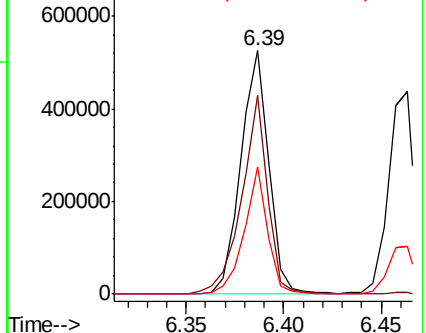
65 52.3 16.2 24.4#

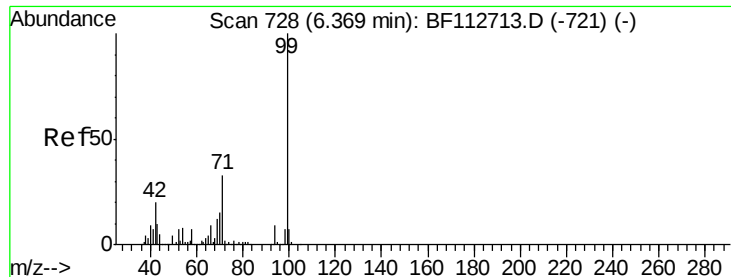


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 64.166 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113145.D

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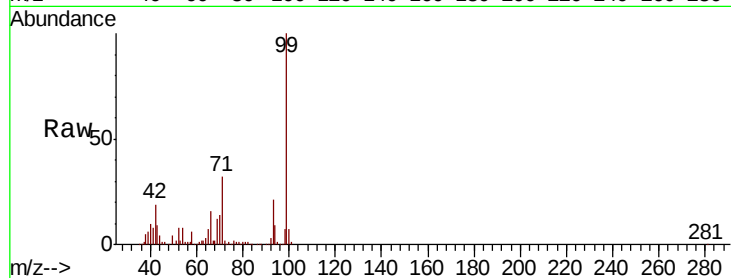
Tgt Ion: 99 Resp: 846843

Ion Ratio Lower Upper

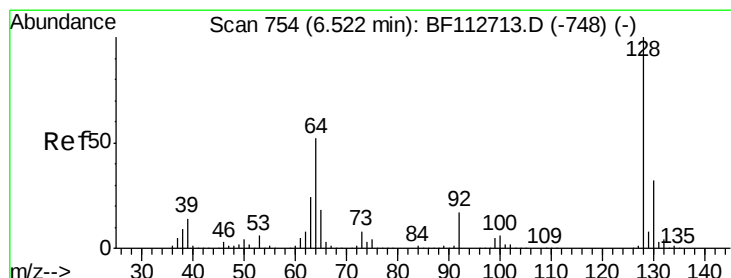
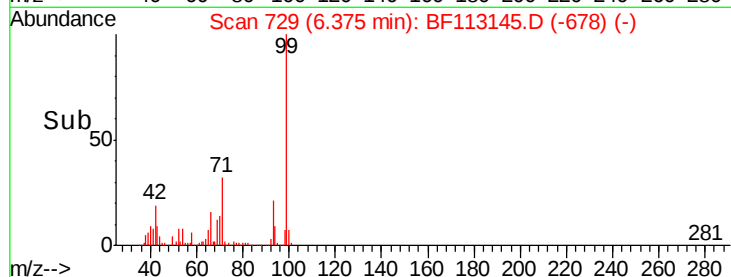
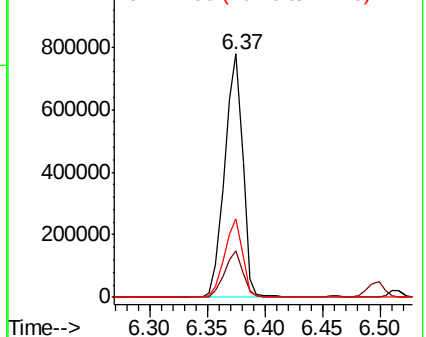
99 100

42 18.9 16.3 24.5

71 32.1 26.2 39.4



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: 35.284 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

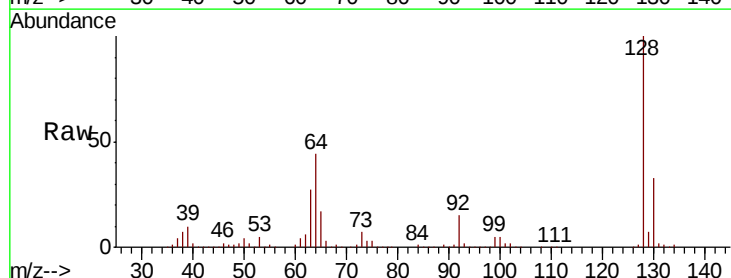
Tgt Ion: 128 Resp: 412666

Ion Ratio Lower Upper

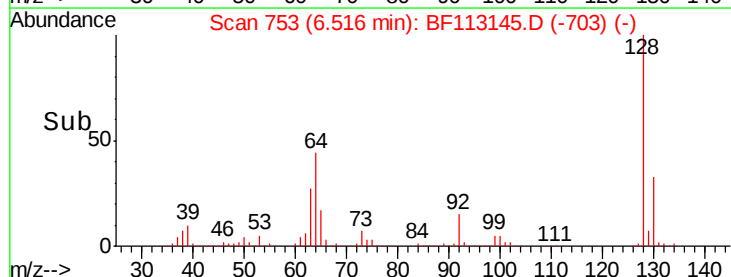
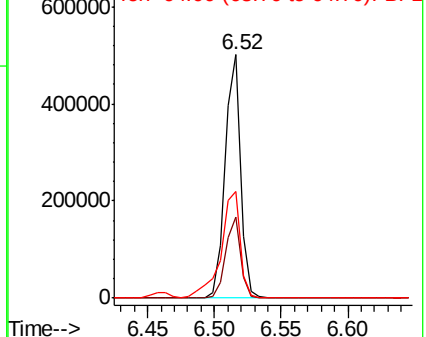
128 100

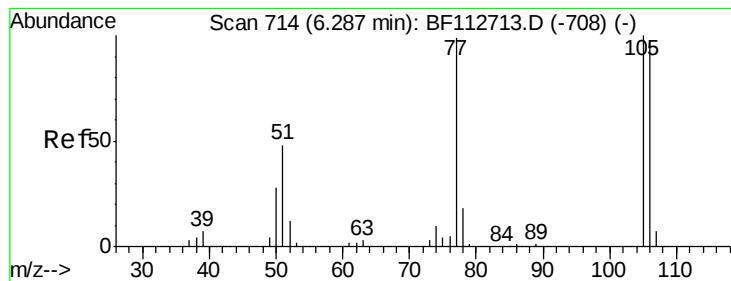
130 33.1 12.4 52.4

64 44.0 32.2 72.2



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: 28.274 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF113145.D

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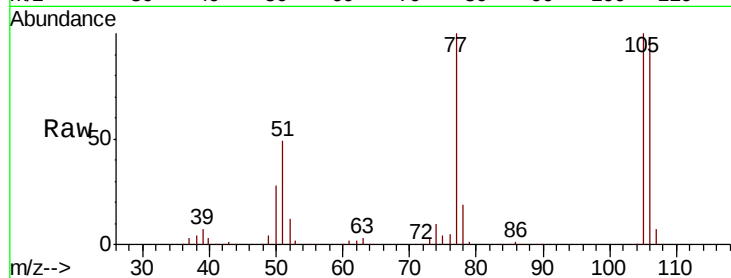
Tgt Ion: 77 Resp: 268868

Ion Ratio Lower Upper

77 100

105 100.2 81.4 121.4

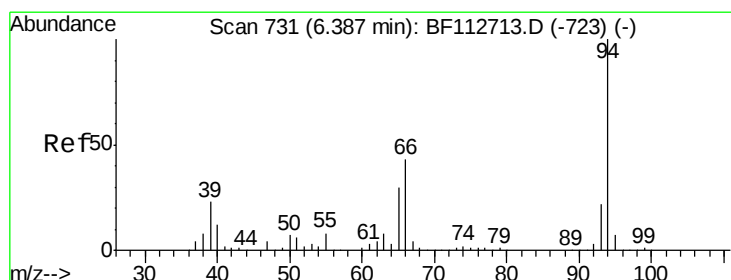
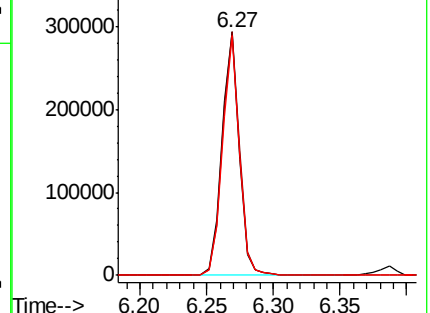
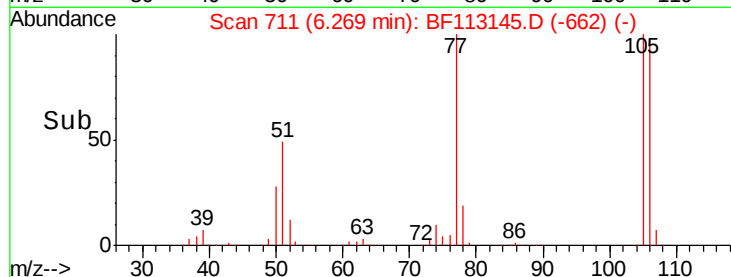
106 98.6 78.3 118.3



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: 31.184 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

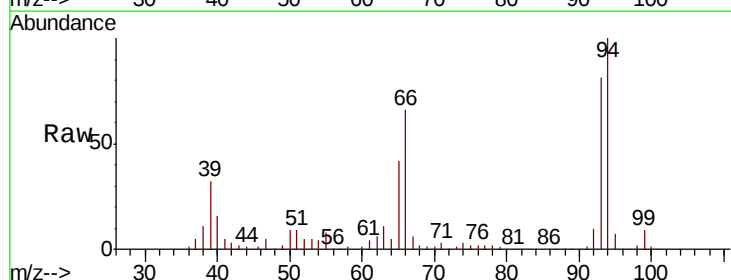
Tgt Ion: 94 Resp: 480267

Ion Ratio Lower Upper

94 100

65 42.3 10.5 50.5

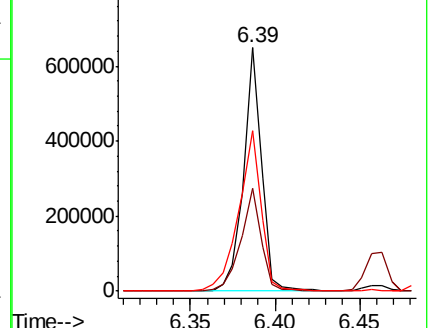
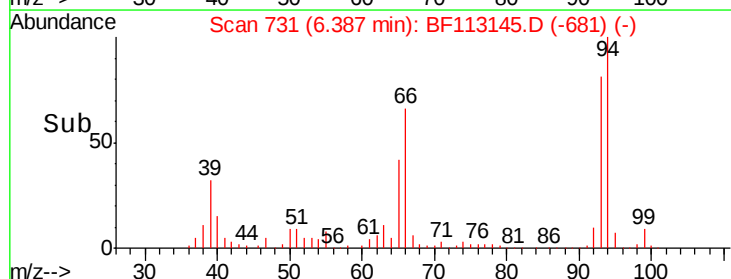
66 66.0 22.6 62.6#

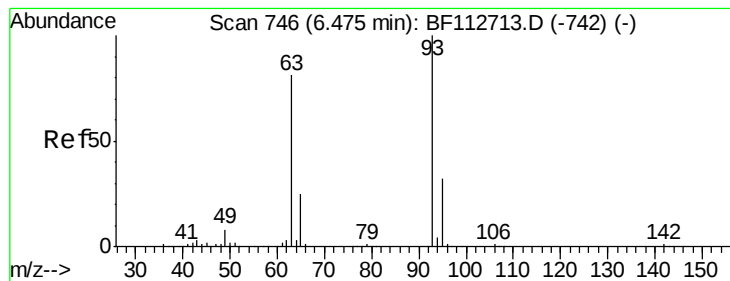


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 34.147 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

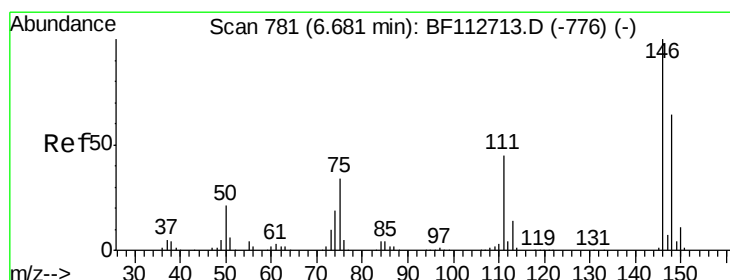
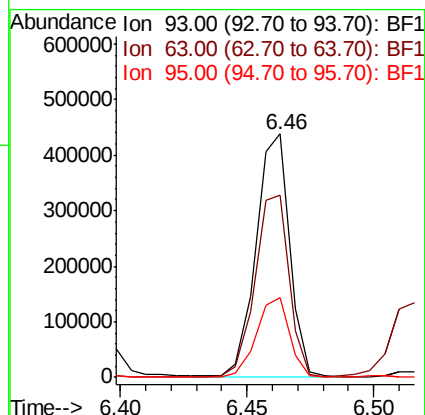
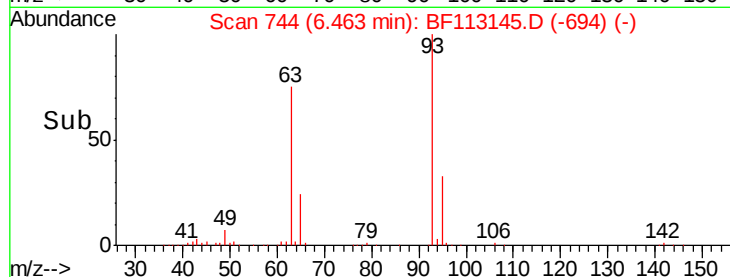
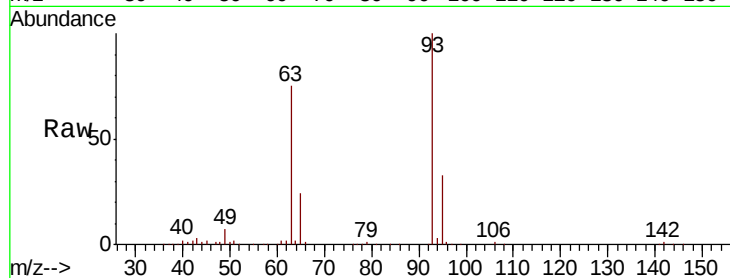
Tgt Ion: 93 Resp: 403645

Ion Ratio Lower Upper

93 100

63 74.7 60.5 100.5

95 32.9 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 39.486 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

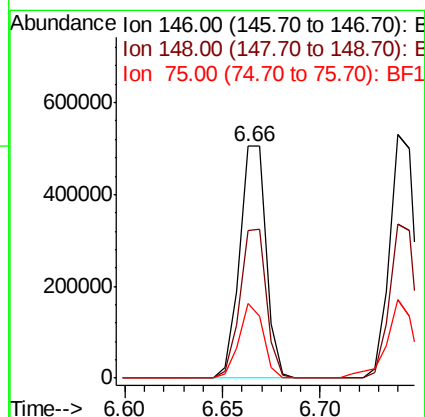
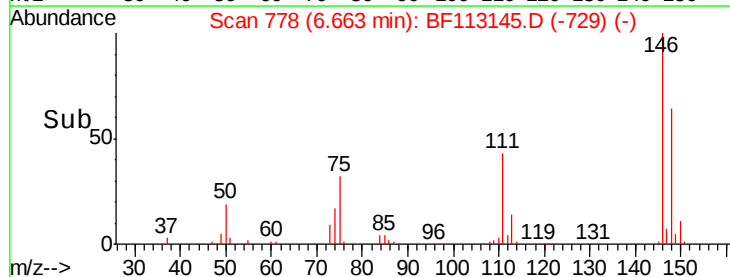
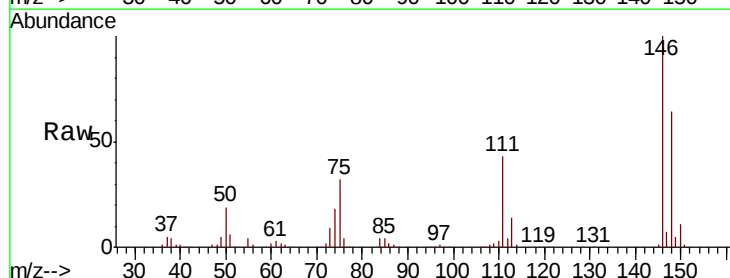
Tgt Ion: 146 Resp: 477057

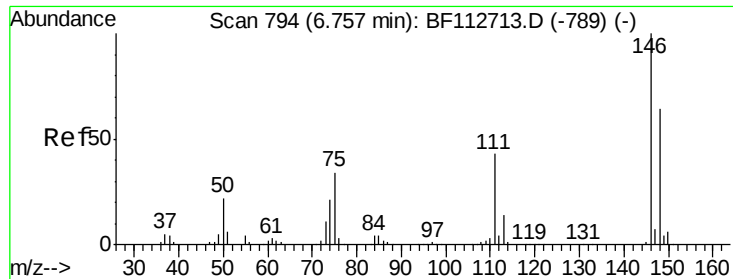
Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

75 32.3 26.9 40.3

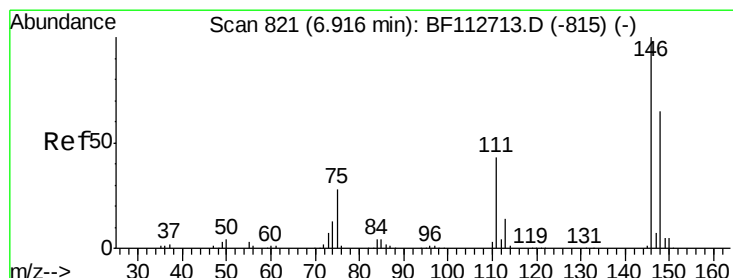
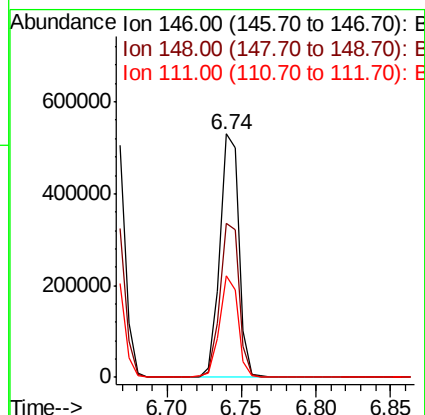
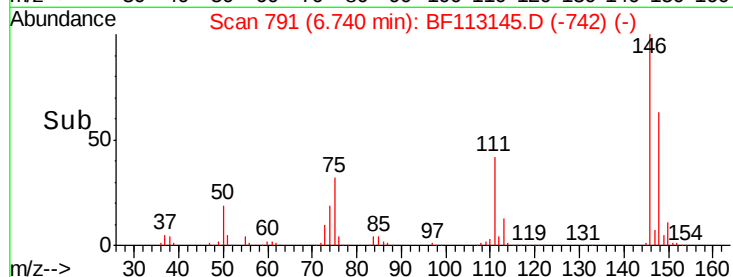
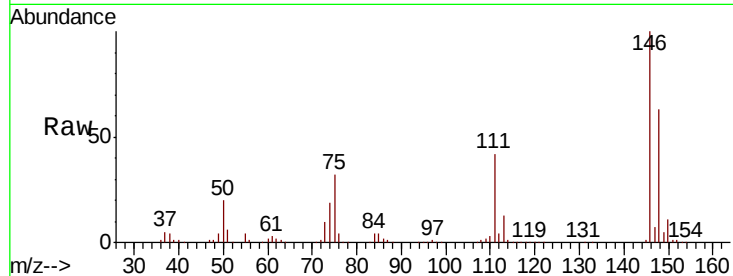




#13
 1,4-Dichlorobenzene
 Concen: 39.530 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

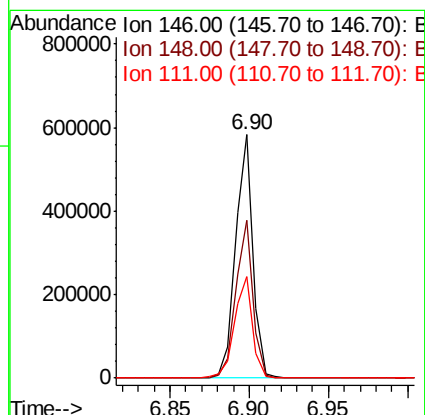
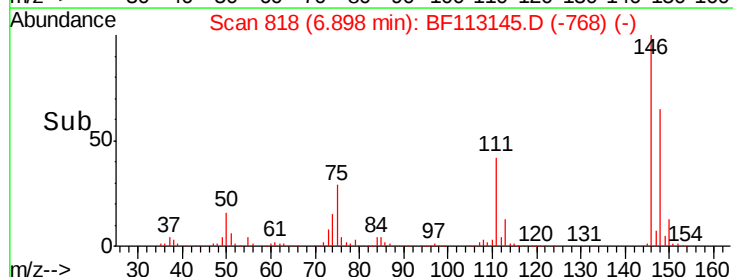
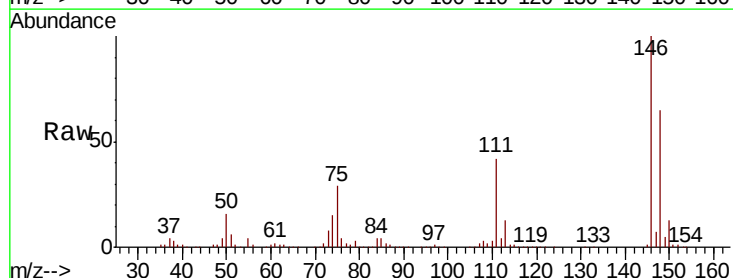
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

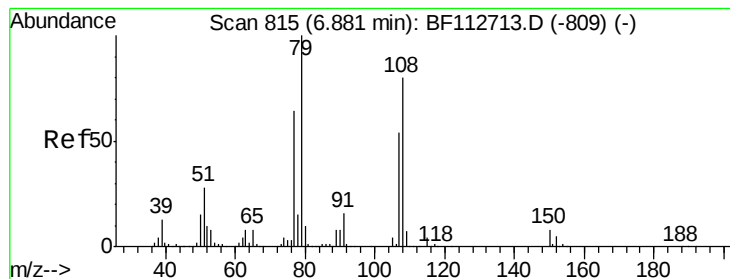
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.0	76.4
111	41.9	34.5	51.7



#14
 1,2-Dichlorobenzene
 Concen: 39.717 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.0	78.0
111	41.7	34.8	52.2





#15

Benzyl Alcohol

Concen: 35.307 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

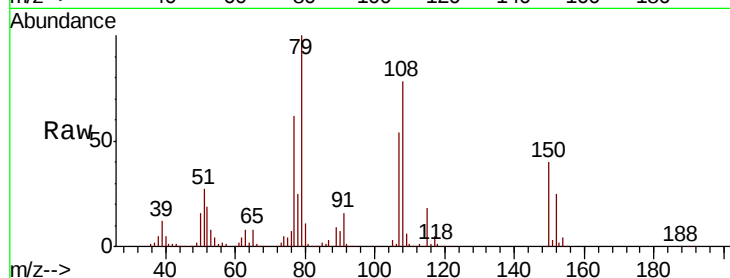
Tgt Ion: 79 Resp: 355324

Ion Ratio Lower Upper

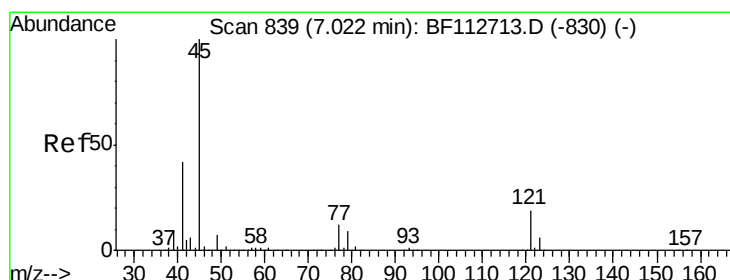
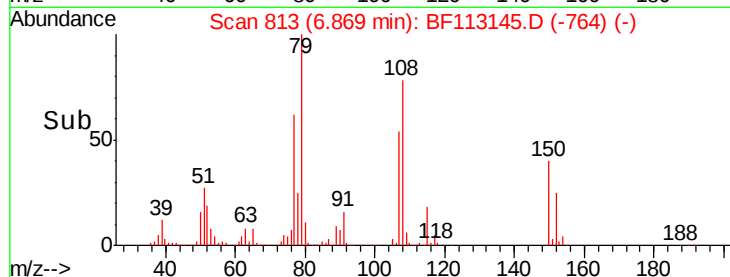
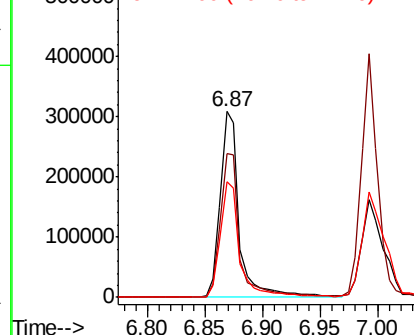
79 100

108 77.5 64.2 96.4

77 62.0 51.1 76.7



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: 33.592 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

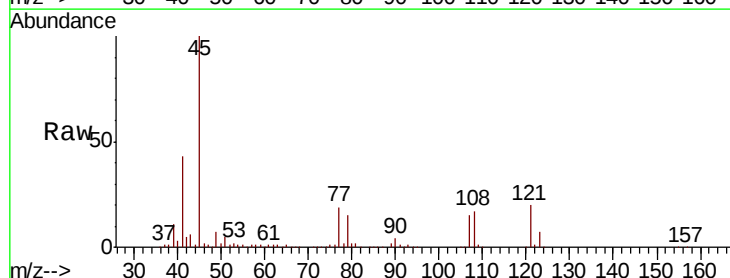
Tgt Ion: 45 Resp: 662677

Ion Ratio Lower Upper

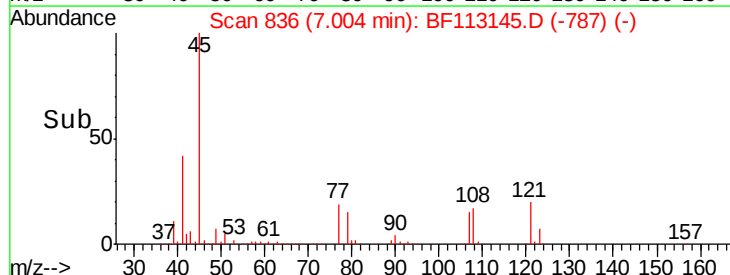
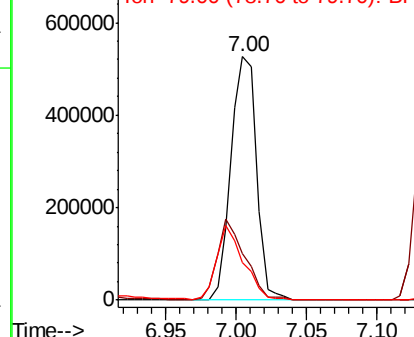
45 100

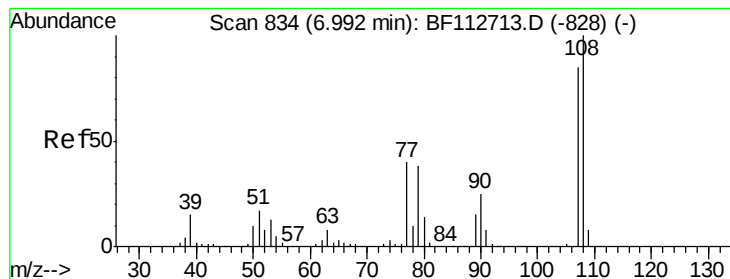
77 19.1 0.0 32.1

79 15.2 0.0 29.4



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: 35.712 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 338833

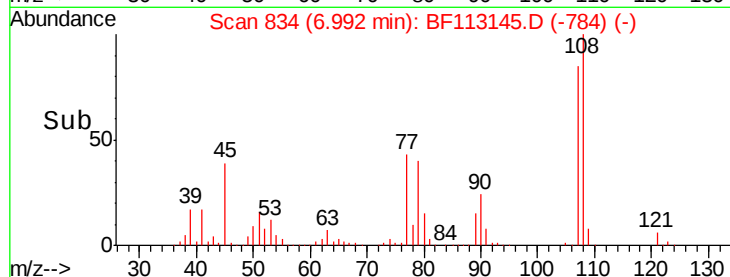
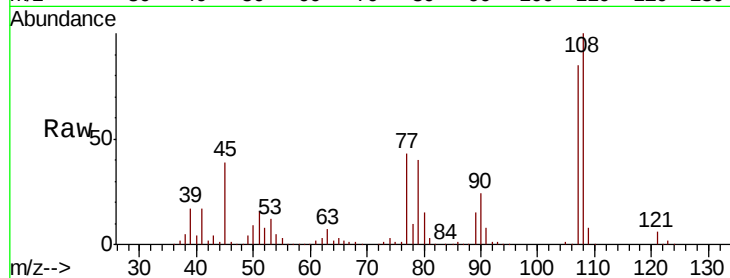
Ion Ratio Lower Upper

107 100

108 117.2 94.6 142.0

77 50.7 37.8 56.8

79 46.9 36.2 54.2

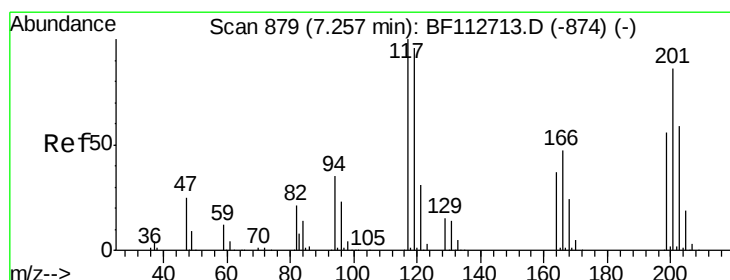
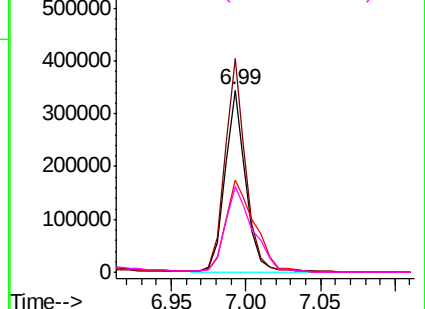


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.063 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

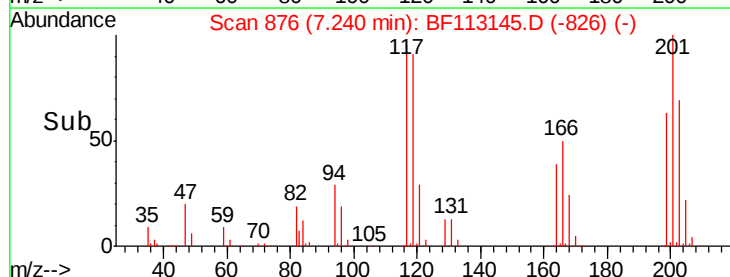
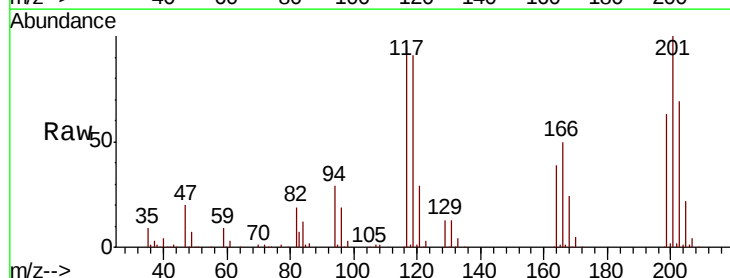
Tgt Ion:117 Resp: 148810

Ion Ratio Lower Upper

117 100

119 96.1 76.6 115.0

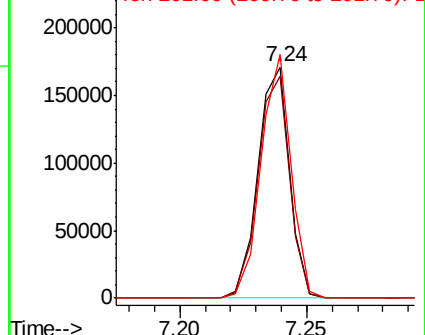
201 105.5 68.9 103.3#

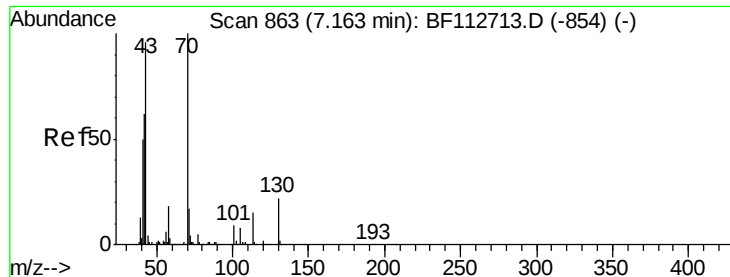


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

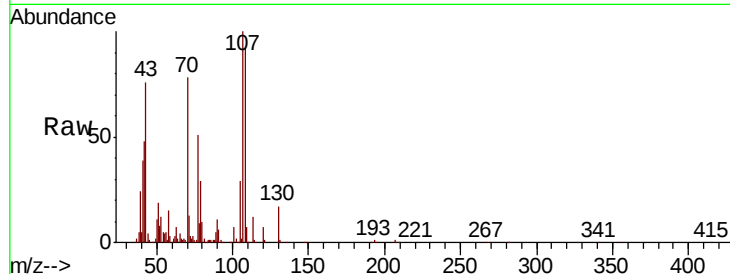




#19
n-Nitroso-di-n-propylamine
Concen: 34.911 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	70	Resp:	291811
Ion	Ratio	Lower	Upper
70	100		
42	61.3	49.9	74.9
101	9.5	7.4	11.2
130	21.4	17.4	26.2



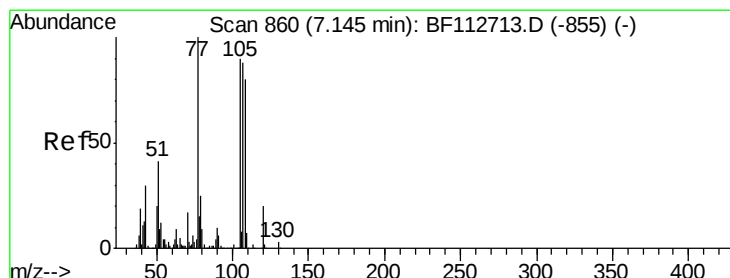
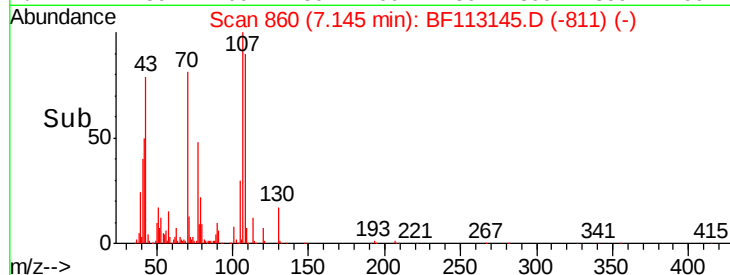
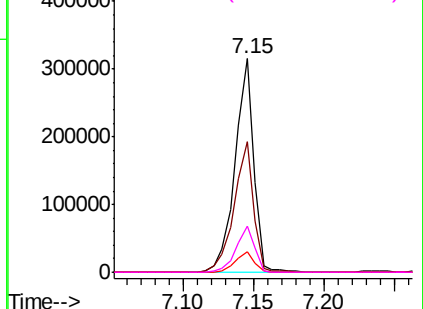
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

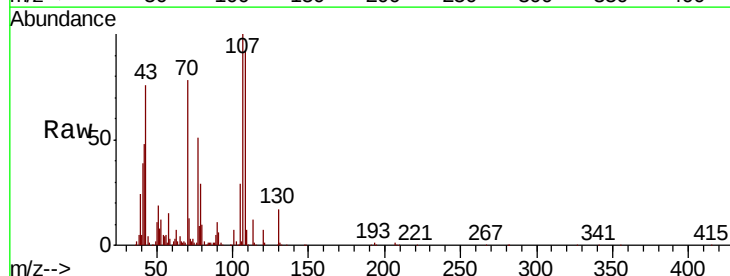
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 38.921 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion:	107	Resp:	416910
Ion	Ratio	Lower	Upper
107	100		
108	91.9	71.4	111.4
77	51.4	94.1	134.1#
79	28.8	8.6	48.6



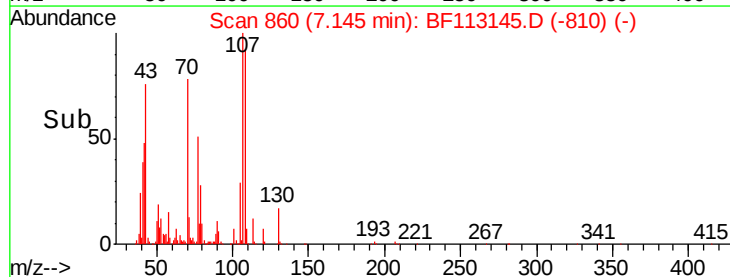
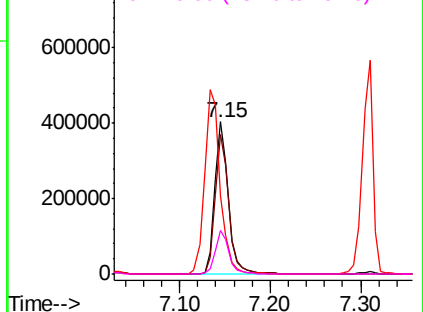
Abundance

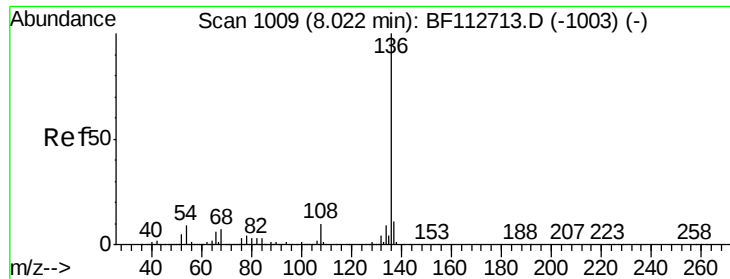
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

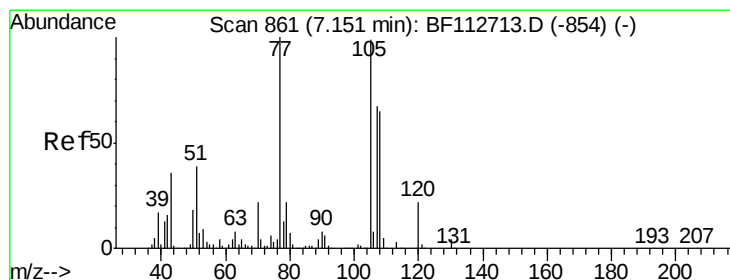
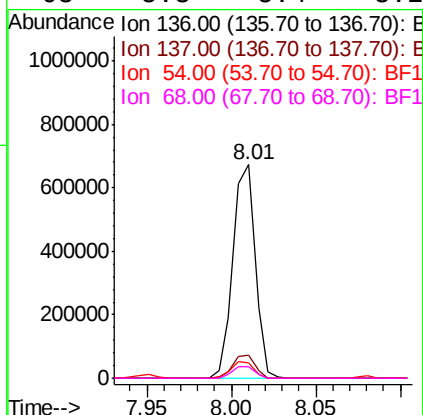
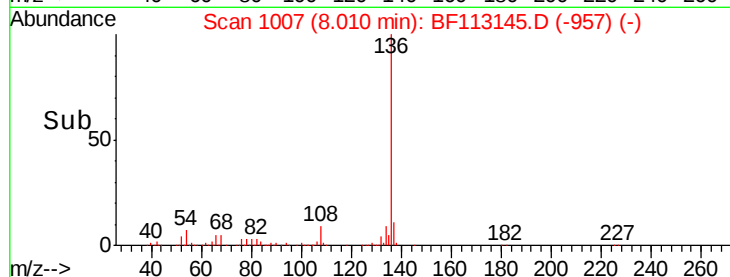
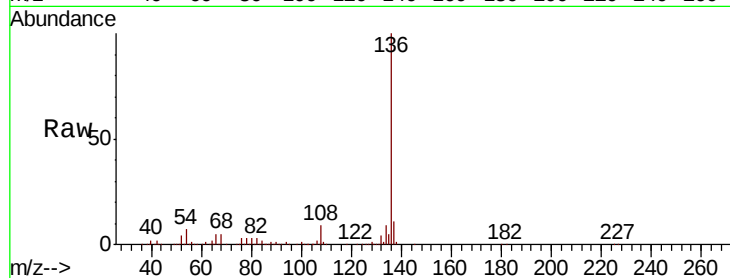




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

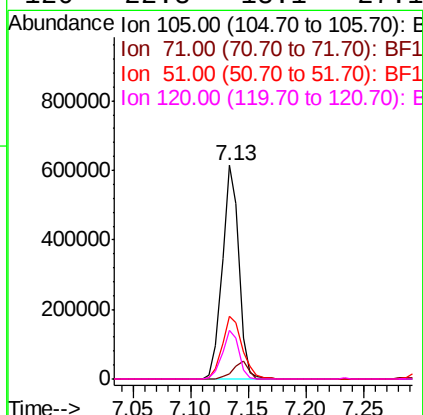
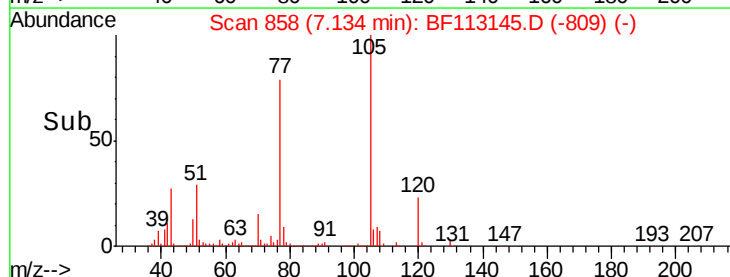
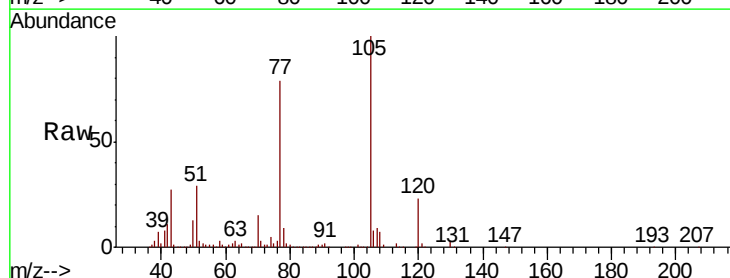
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

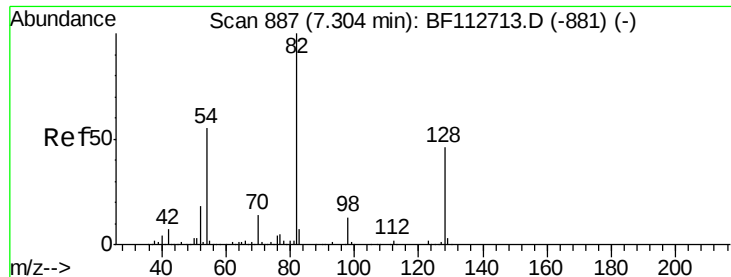
Tgt Ion:	136	Resp:	619612
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.1	7.3	10.9#
68	5.3	5.4	8.2#



#22
Acetophenone
Concen: 42.117 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion:	105	Resp:	610195
Ion	Ratio	Lower	Upper
105	100		
71	2.6	3.0	4.4#
51	29.2	31.5	47.3#
120	22.8	18.1	27.1

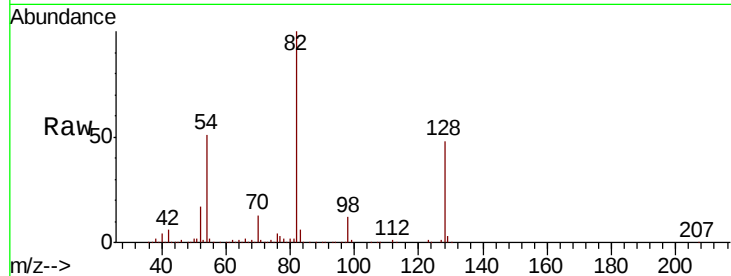




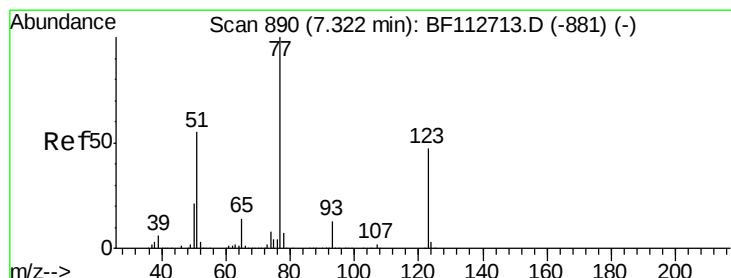
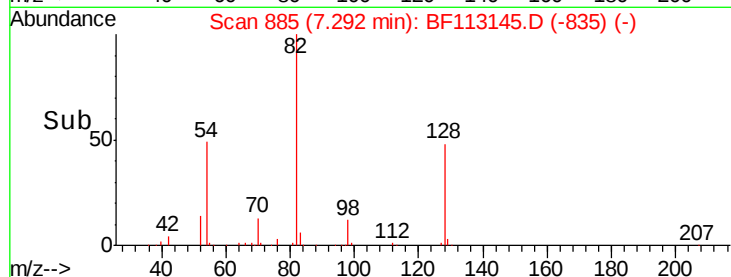
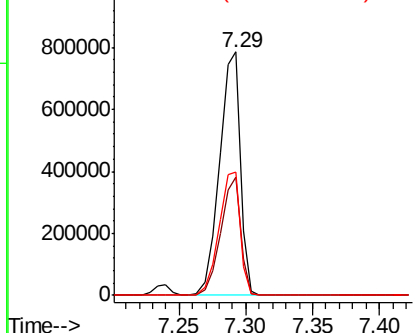
#23
 Nitrobenzene-d5
 Concen: 83.894 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 868713
 Ion Ratio Lower Upper
 82 100
 128 48.3 36.3 54.5
 54 50.5 43.7 65.5

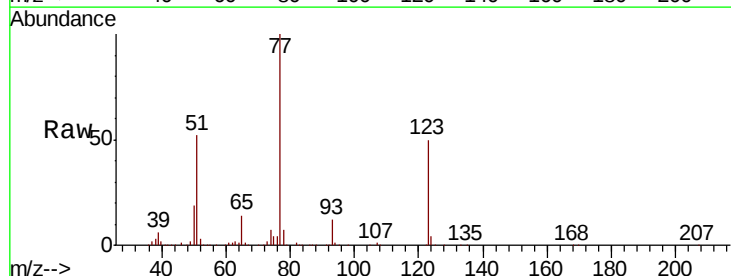


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

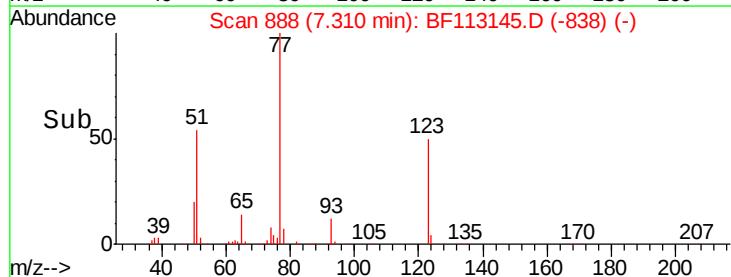
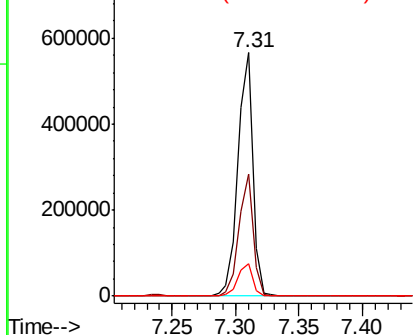


#24
 Nitrobenzene
 Concen: 39.418 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Tgt Ion: 77 Resp: 454288
 Ion Ratio Lower Upper
 77 100
 123 50.1 37.8 56.6
 65 13.6 11.1 16.7



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

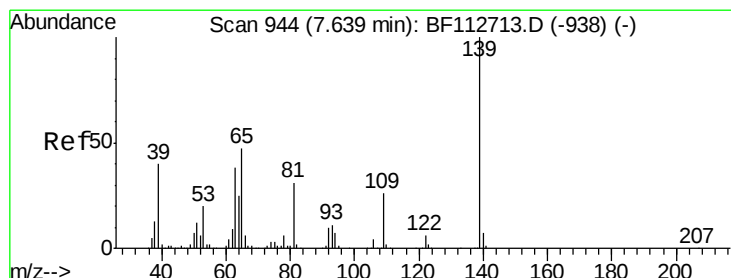
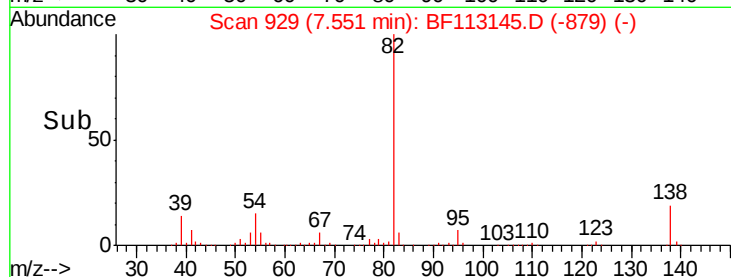
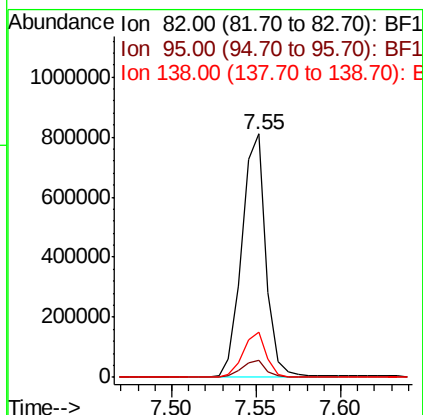
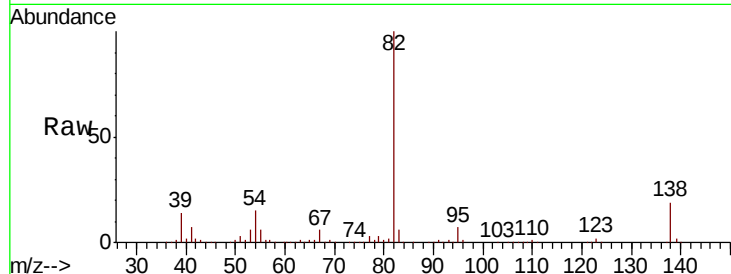




#25
Isophorone
Concen: 36.355 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

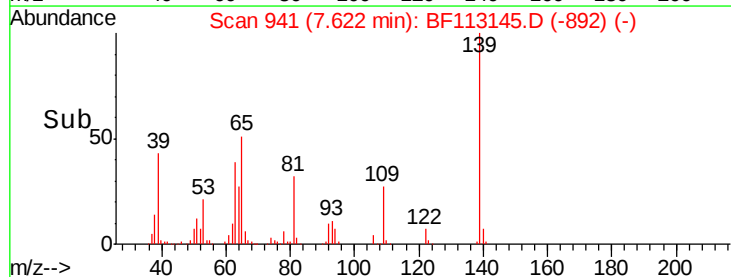
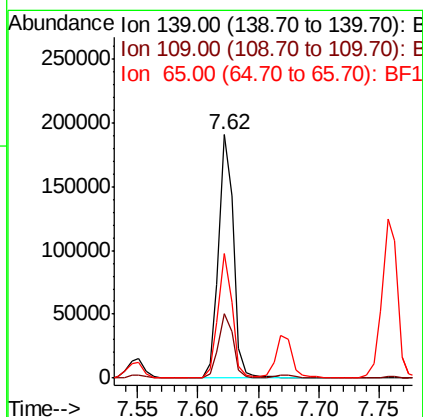
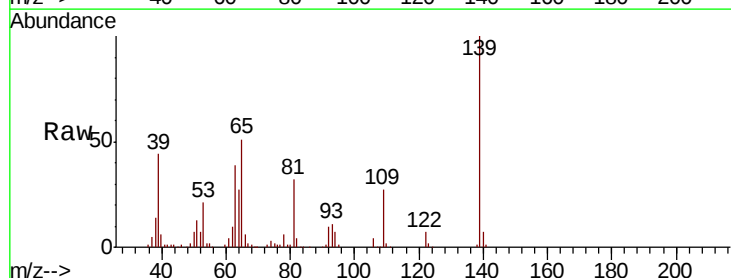
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

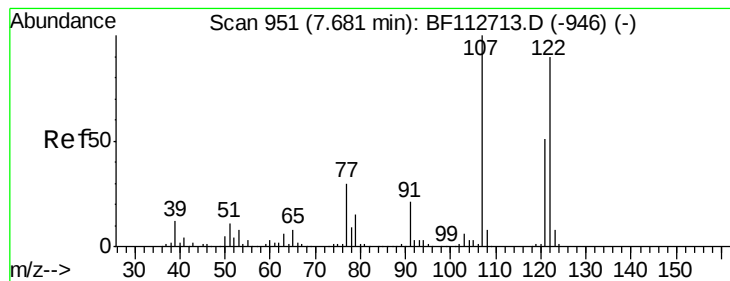
Tgt Ion: 82 Resp: 811008
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 18.8 13.8 20.8



#26
2-Nitrophenol
Concen: 33.534 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion: 139 Resp: 160881
Ion Ratio Lower Upper
139 100
109 26.7 20.6 31.0
65 51.2 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 38.180 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

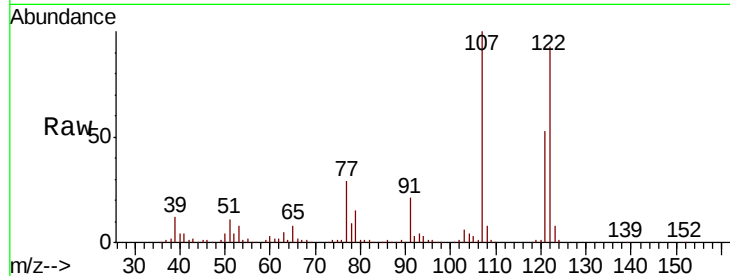
Tgt Ion:122 Resp: 340772

Ion Ratio Lower Upper

122 100

107 107.3 89.4 134.0

121 56.8 45.5 68.3

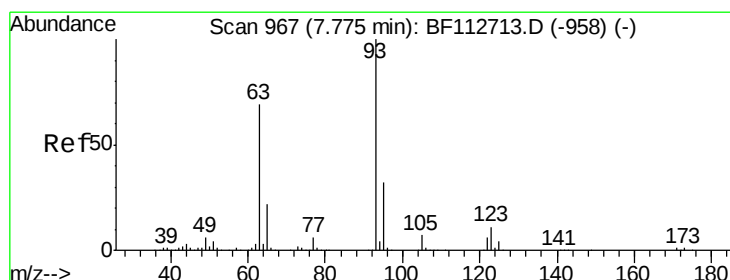
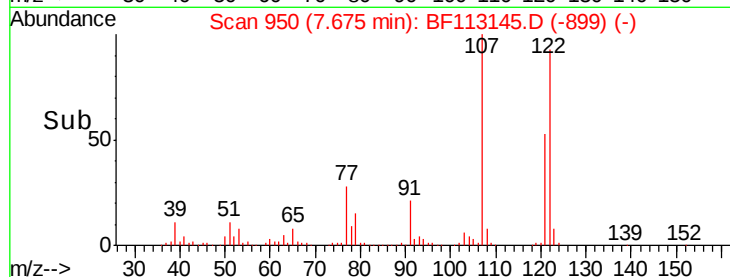
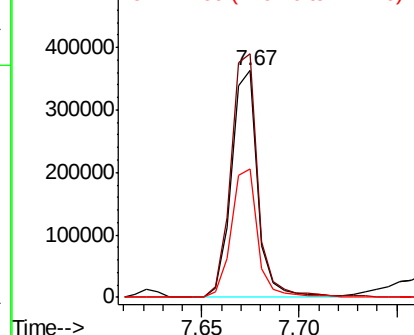


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.769 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

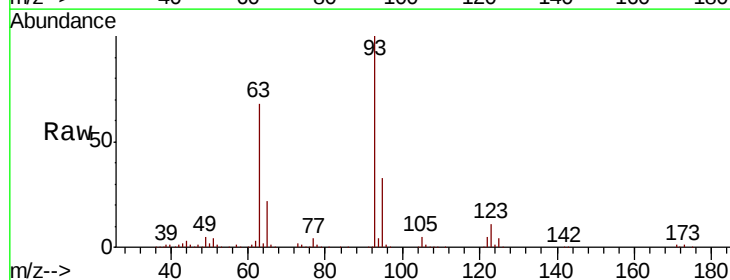
Tgt Ion: 93 Resp: 526772

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

123 11.1 9.3 13.9

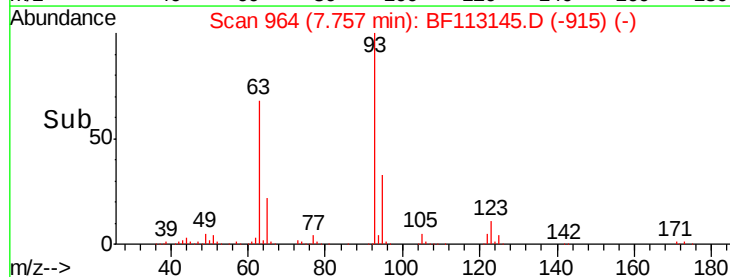
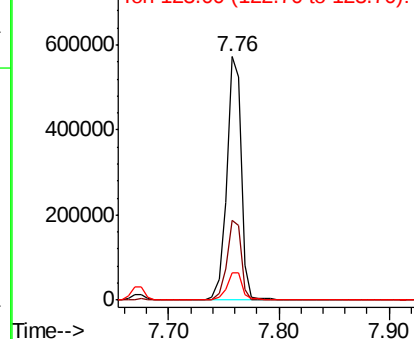


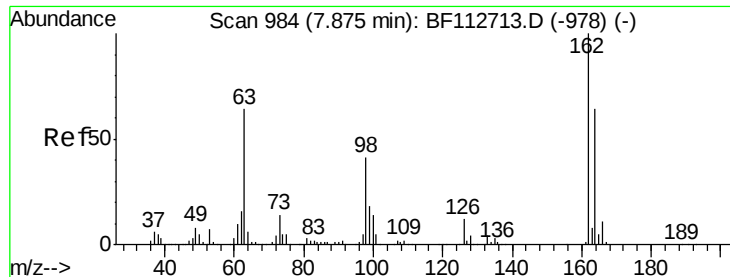
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

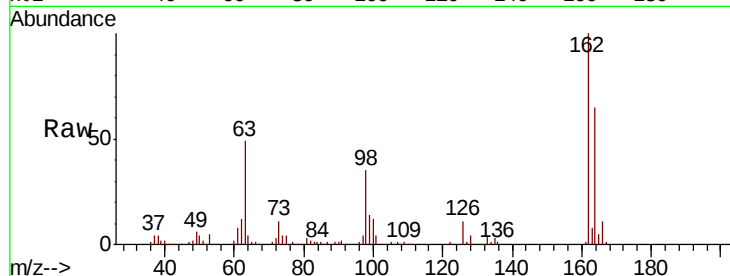




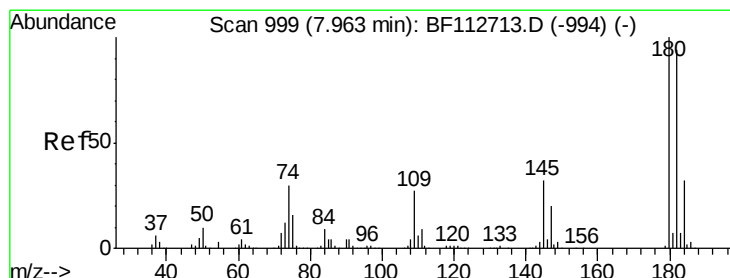
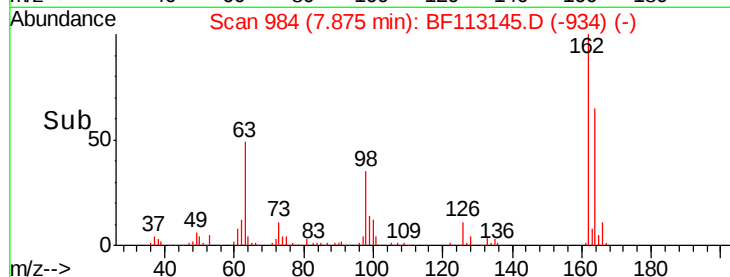
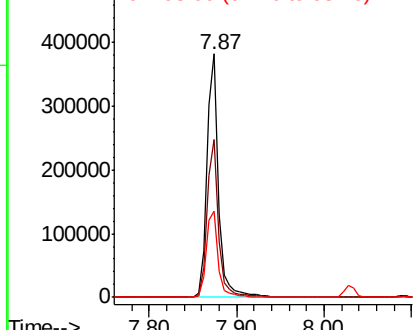
#29
2,4-Dichlorophenol
Concen: 40.658 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 351913
Ion Ratio Lower Upper
162 100
164 64.7 44.0 84.0
98 35.2 20.7 60.7

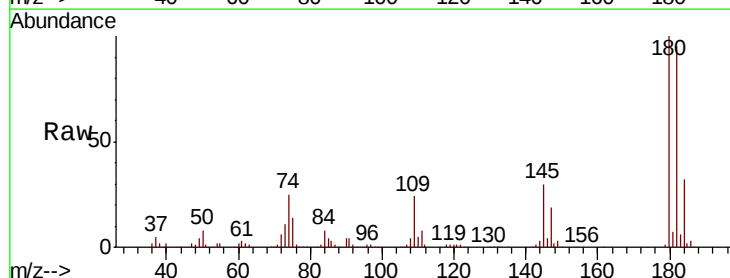


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

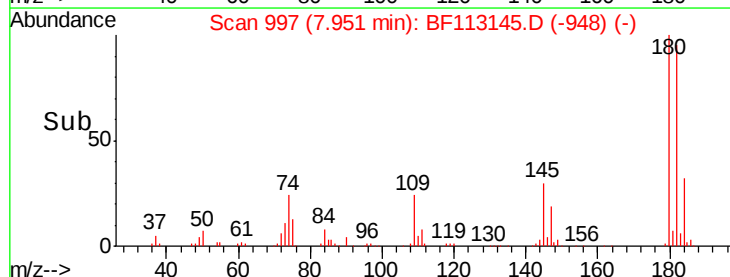
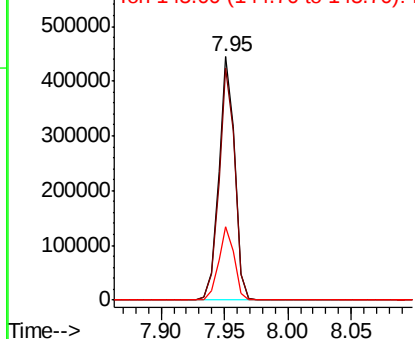


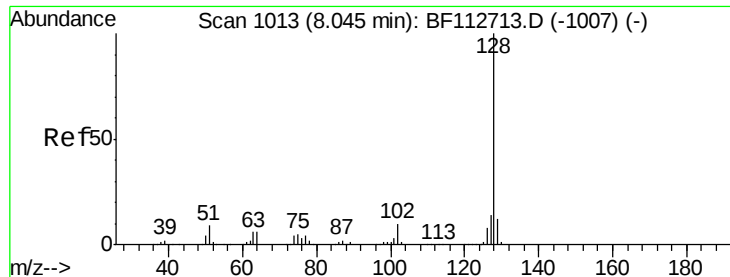
#30
1,2,4-Trichlorobenzene
Concen: 42.178 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion:180 Resp: 392265
Ion Ratio Lower Upper
180 100
182 95.2 75.2 112.8
145 30.4 25.4 38.0



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

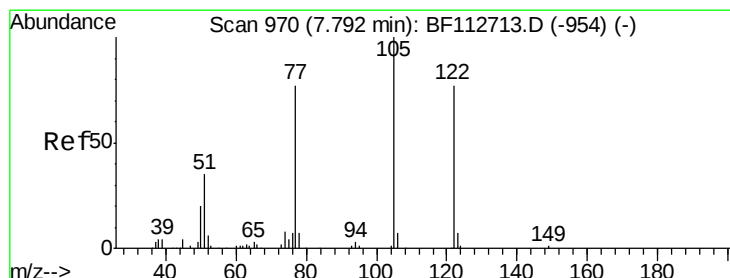
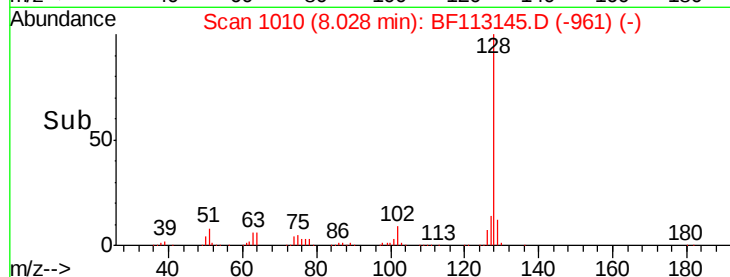
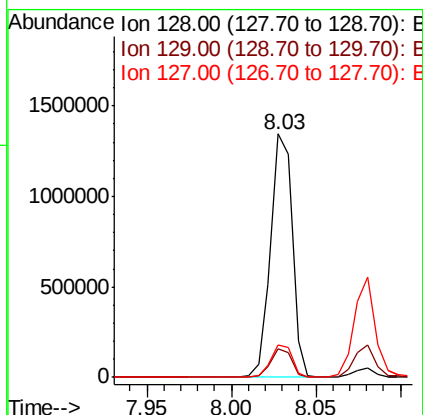
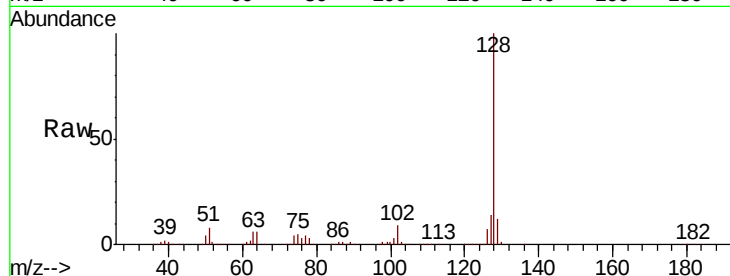




#31
Naphthalene
Concen: 39.020 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

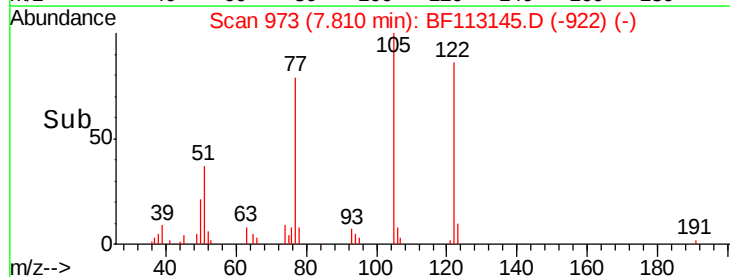
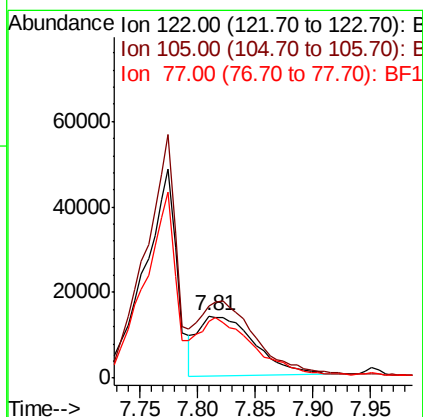
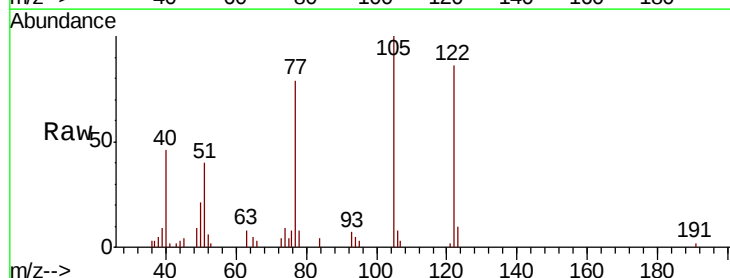
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1200357
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 7.660 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion:122 Resp: 47919
Ion Ratio Lower Upper
122 100
105 115.6 106.8 146.8
77 91.3 79.4 119.4

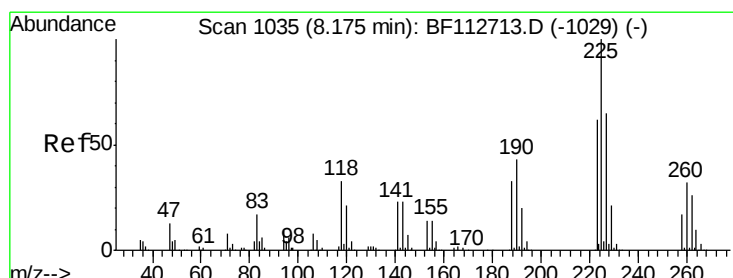
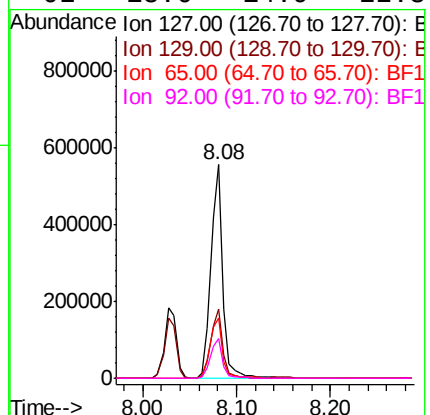
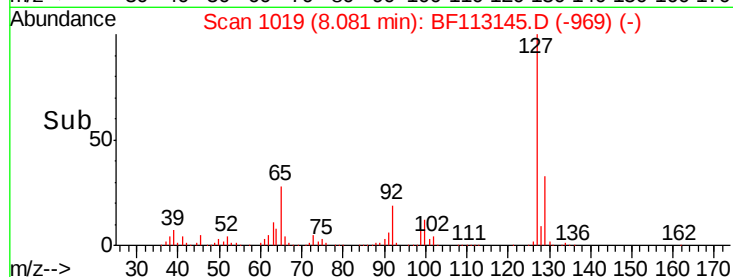
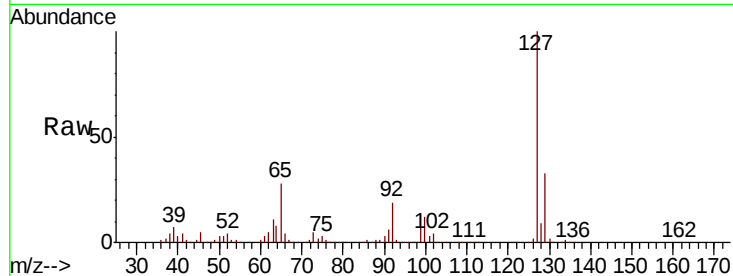




#33
4-Chloroaniline
Concen: 38.013 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

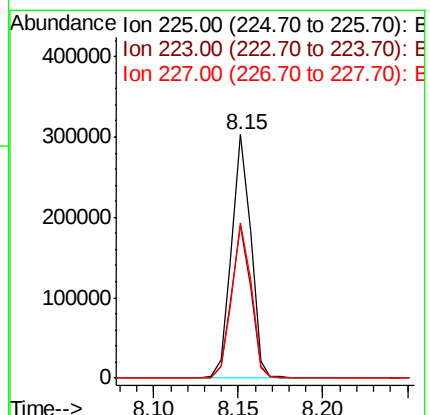
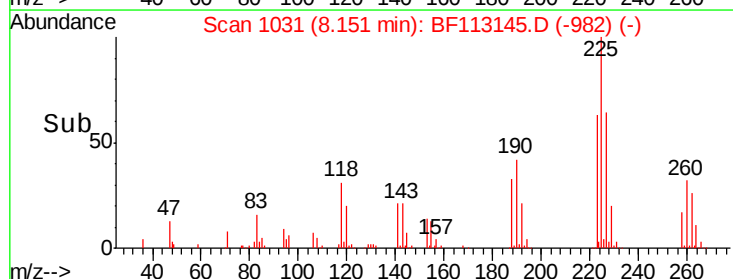
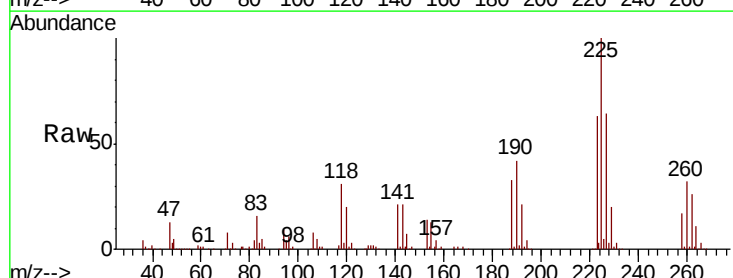
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

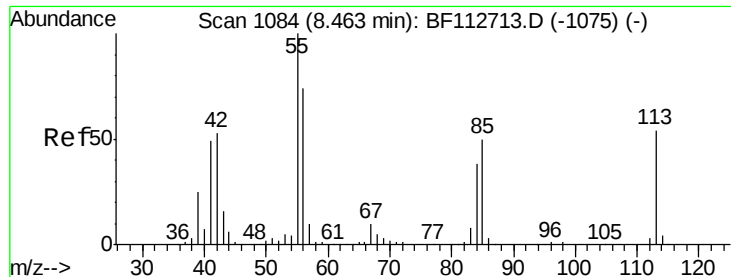
Tgt Ion:	127	Resp:	495292
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.4	39.6
65	28.4	23.1	34.7
92	18.6	14.9	22.3



#34
Hexachlorobutadiene
Concen: 46.014 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion:	225	Resp:	241343
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.7	74.5
227	63.8	52.1	78.1

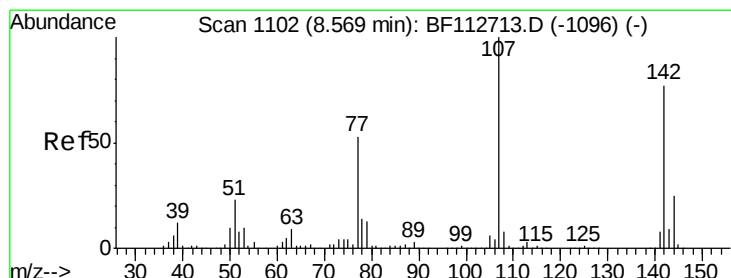
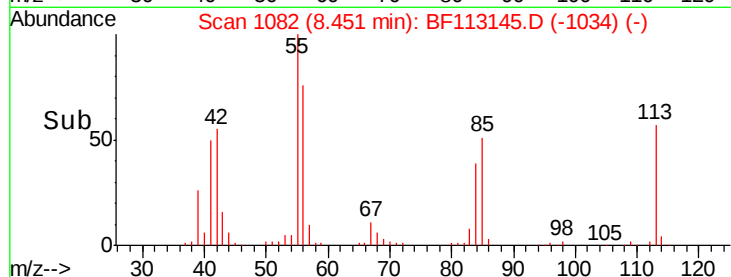
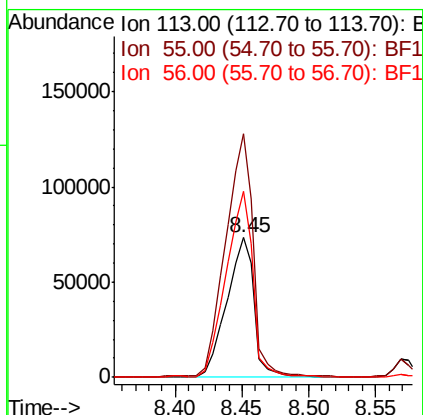
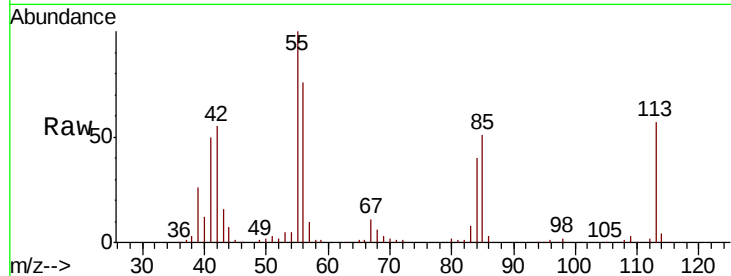




#35
 Caprolactam
 Concen: 34.548 ng
 RT: 8.45 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

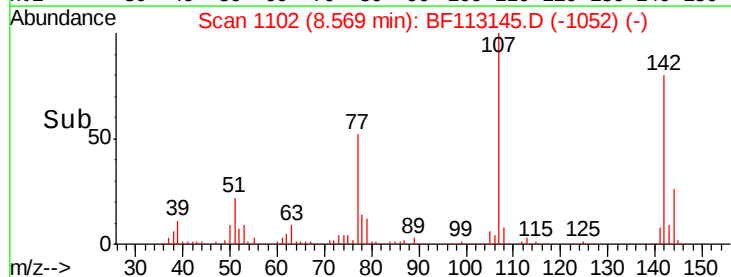
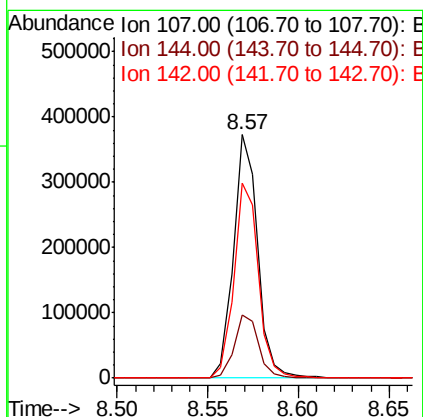
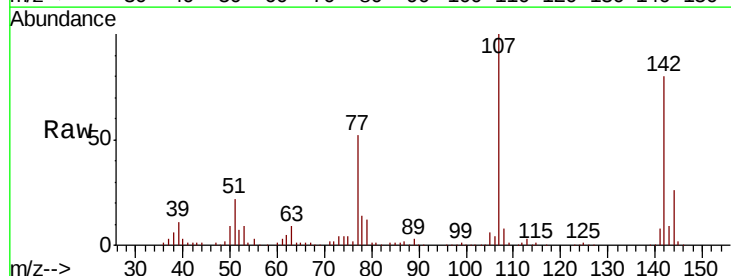
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

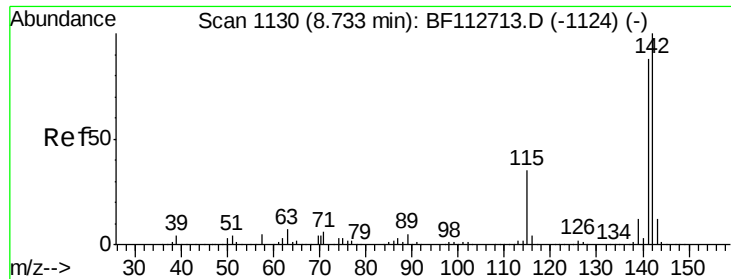
Tgt Ion:113 Resp: 105318
 Ion Ratio Lower Upper
 113 100
 55 174.2 163.5 203.5
 56 133.3 115.3 155.3



#36
 4-Chloro-3-methylphenol
 Concen: 36.319 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Tgt Ion:107 Resp: 347898
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.1 30.1
 142 79.9 61.9 92.9

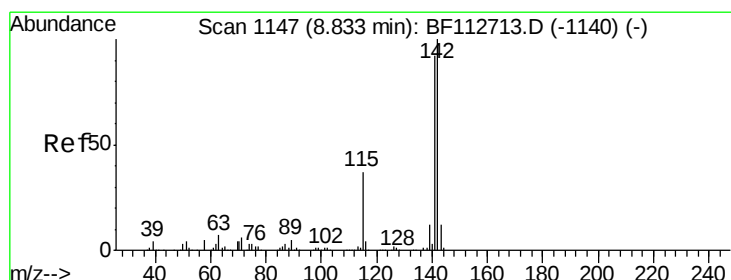
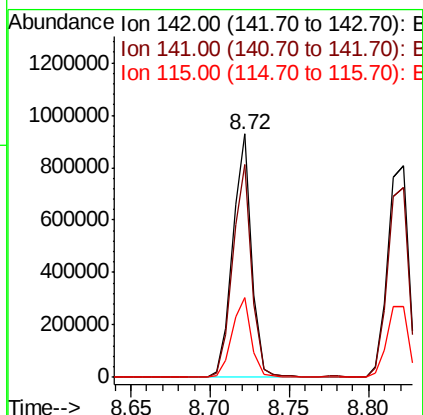
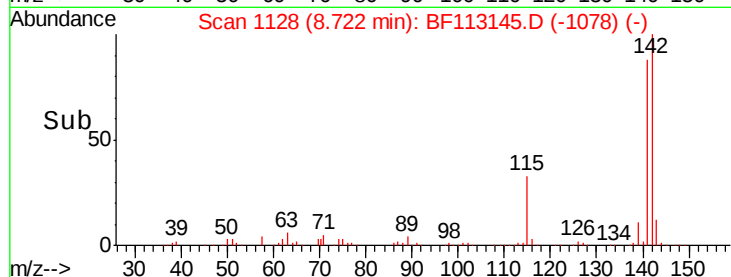
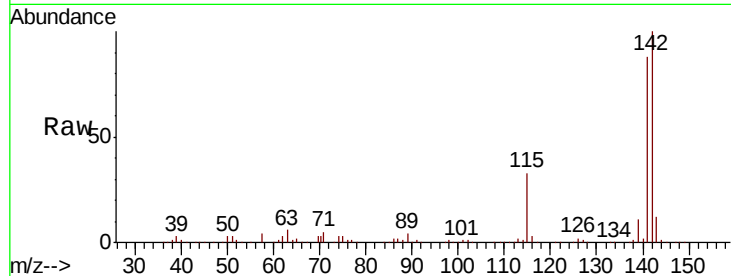




#37
2-Methylnaphthalene
Concen: 38.741 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

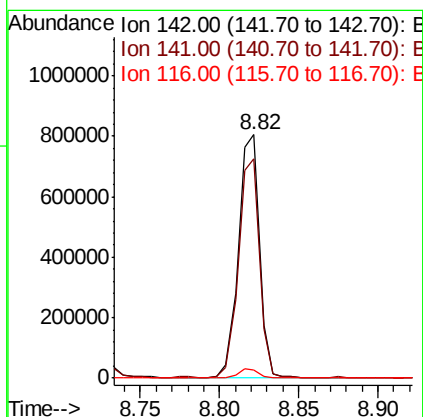
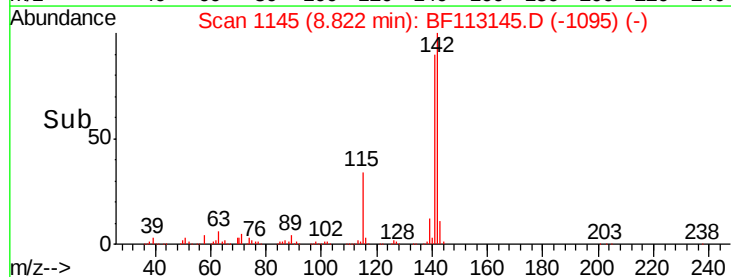
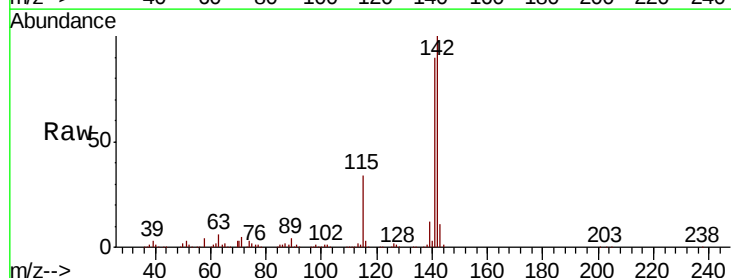
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 769628
Ion Ratio Lower Upper
142 100
141 87.5 70.3 105.5
115 33.0 27.8 41.6



#38
1-Methylnaphthalene
Concen: 38.407 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion:142 Resp: 739093
Ion Ratio Lower Upper
142 100
141 90.2 73.7 110.5
116 3.4 3.1 4.7

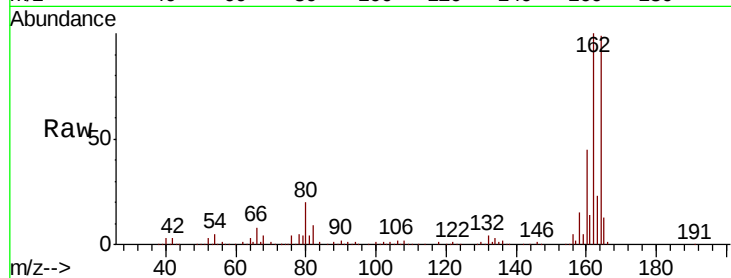




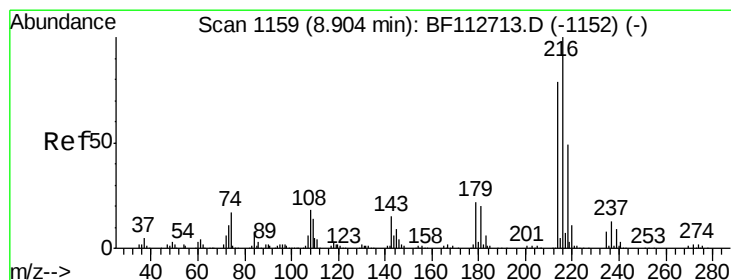
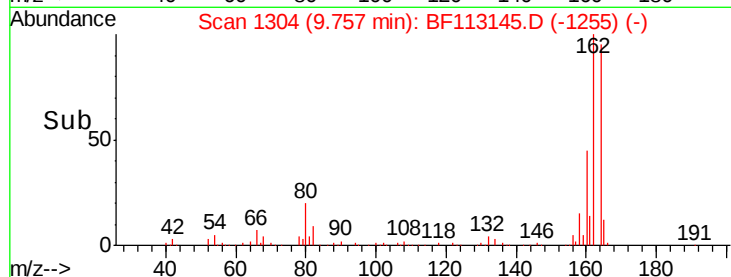
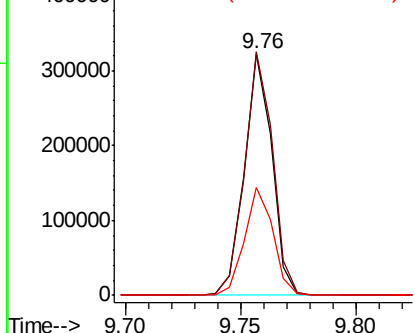
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:164 Resp: 269519
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.6 120.8
 160 44.9 36.0 54.0

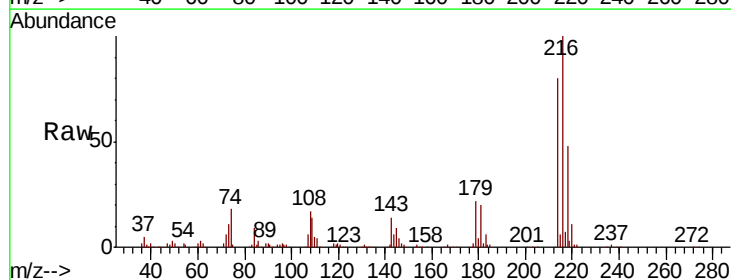


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

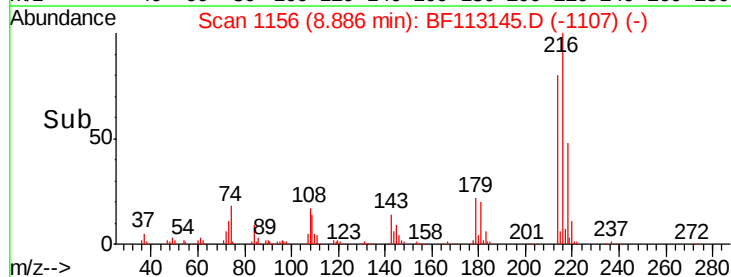
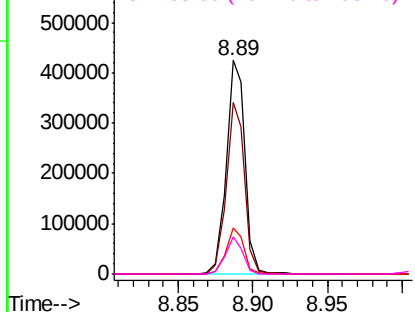


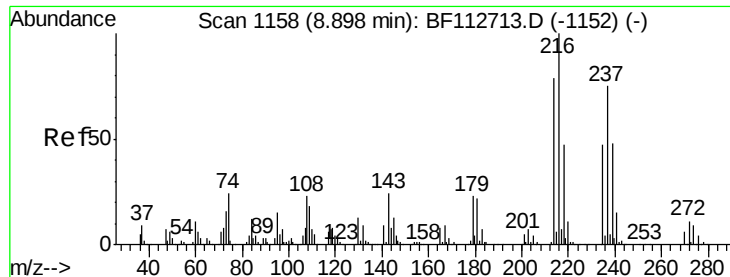
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.041 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Tgt Ion:216 Resp: 377574
 Ion Ratio Lower Upper
 216 100
 214 78.5 63.2 94.8
 179 20.6 17.5 26.3
 108 16.3 16.7 25.1#



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

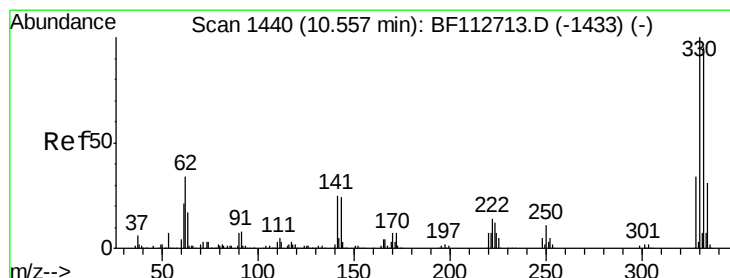
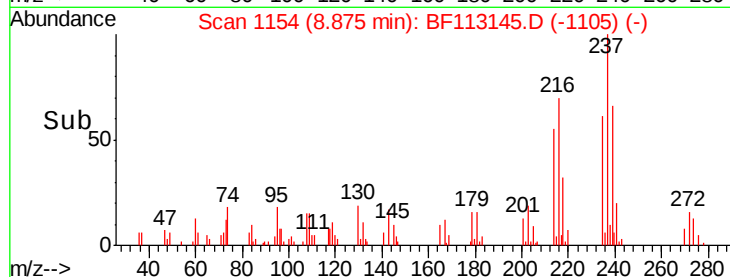
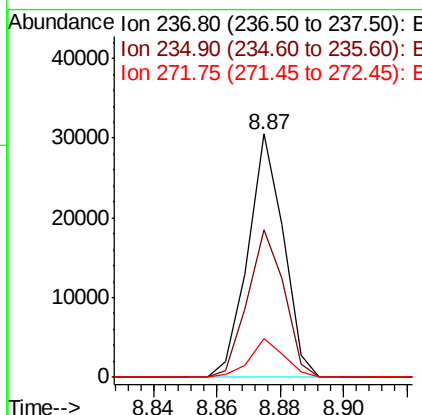
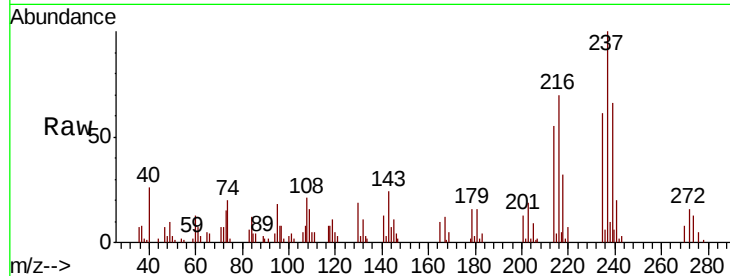




#41
 Hexachlorocyclopentadiene
 Concen: 5.523 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

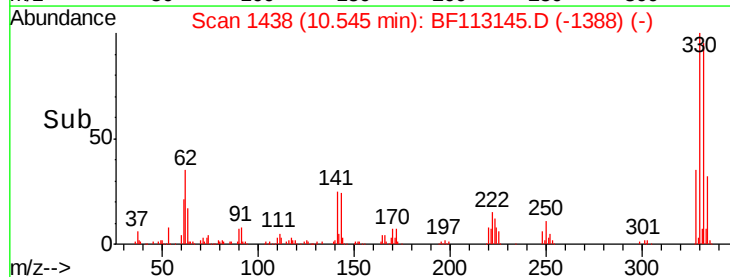
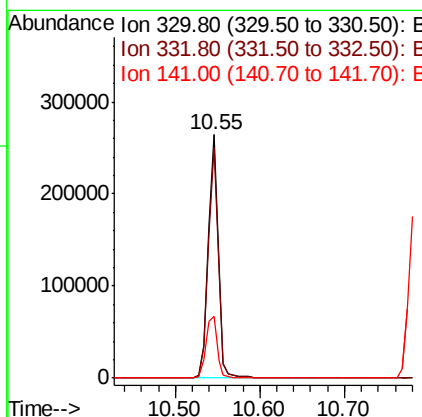
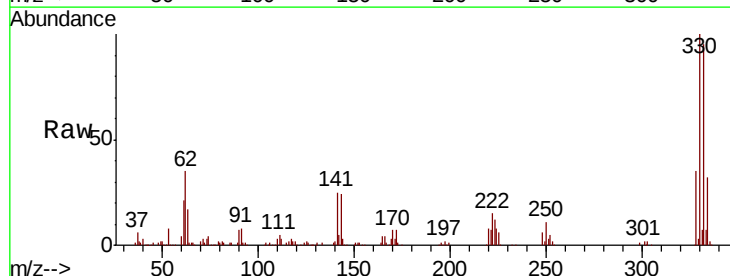
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

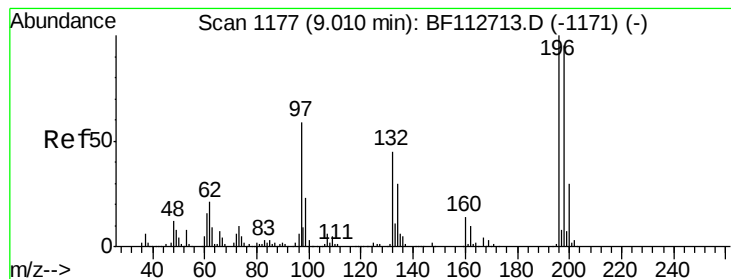
Tgt Ion: 237 Resp: 23772
 Ion Ratio Lower Upper
 237 100
 235 60.8 42.2 82.2
 272 15.7 0.0 34.0



#42
 2,4,6-Tribromophenol
 Concen: 77.096 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Tgt Ion: 330 Resp: 220592
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.2 114.4
 141 28.1 27.0 40.6





#43

2,4,6-Trichlorophenol

Concen: 40.173 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

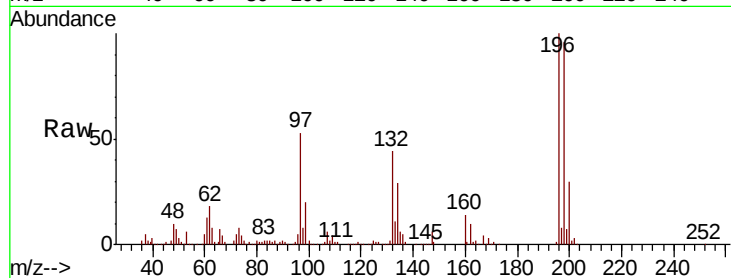
Tgt Ion:196 Resp: 217301

Ion Ratio Lower Upper

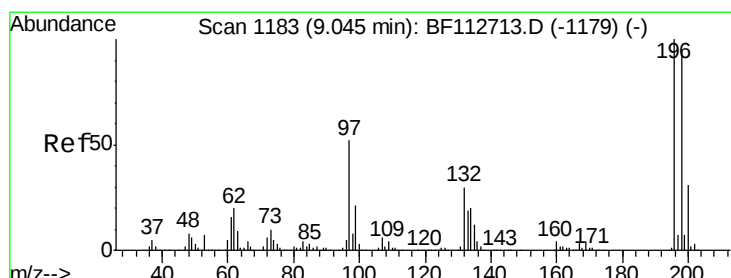
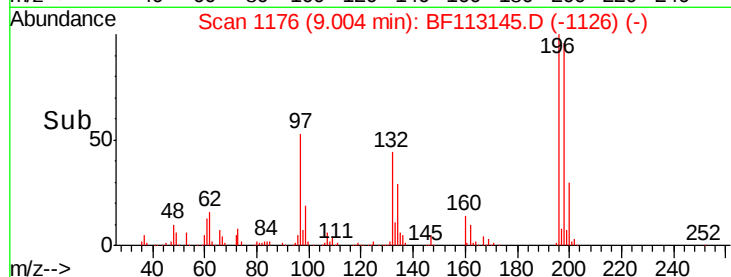
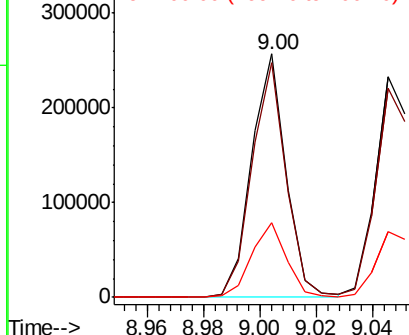
196 100

198 96.1 75.8 113.8

200 30.5 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: 38.484 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Tgt Ion:196 Resp: 224997

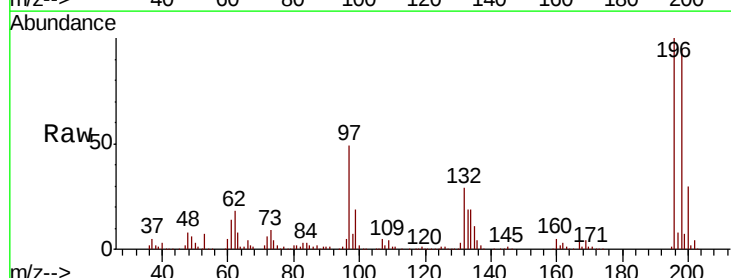
Ion Ratio Lower Upper

196 100

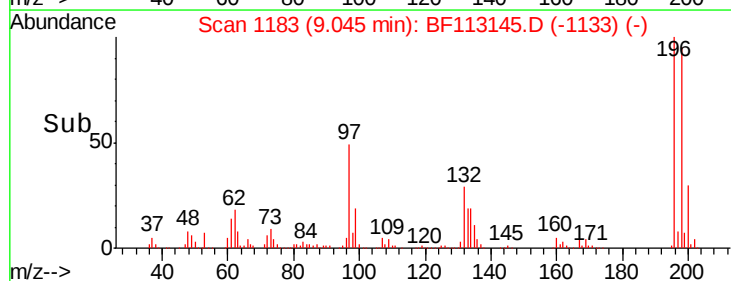
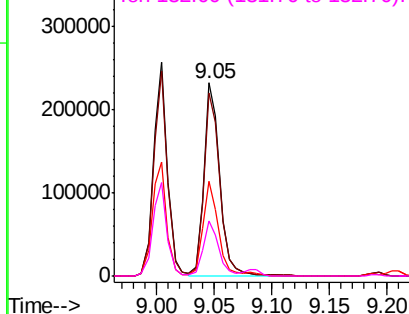
198 95.0 76.2 114.2

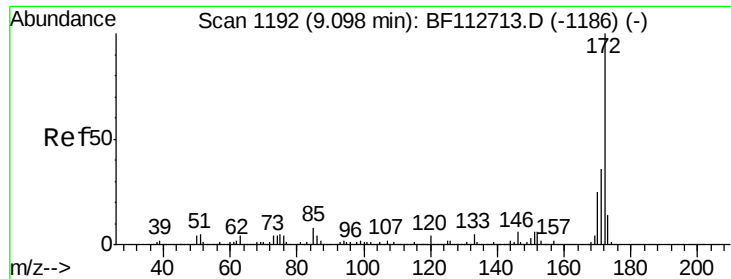
97 49.3 41.5 62.3

132 28.7 23.9 35.9



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

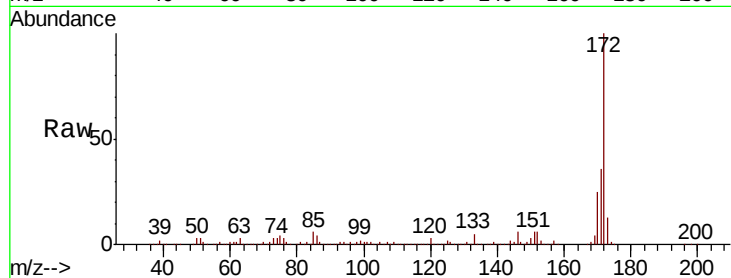




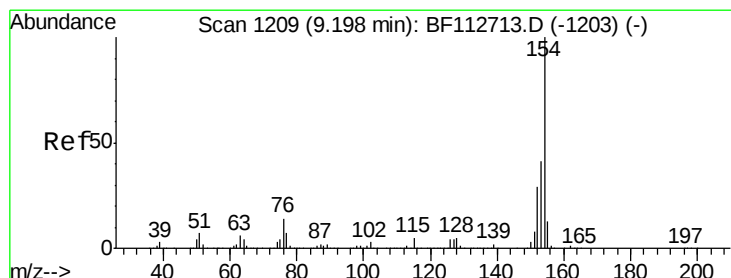
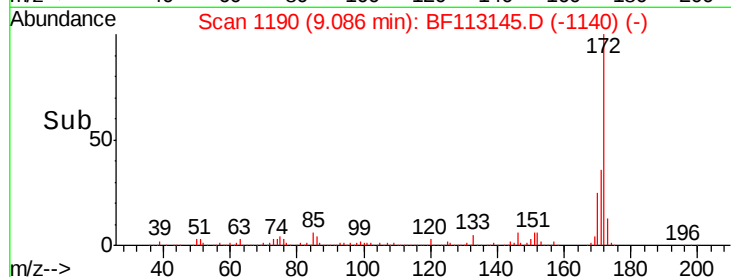
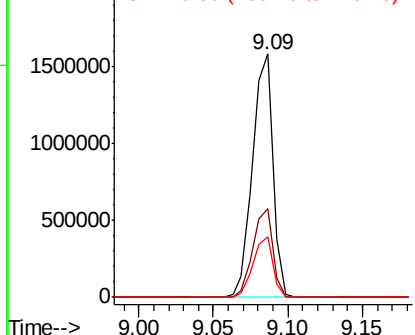
#45
2-Fluorobiphenyl
Concen: 94.199 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1488703
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 24.8 20.0 30.0

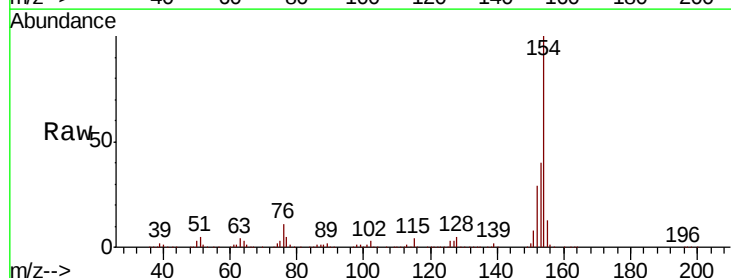


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

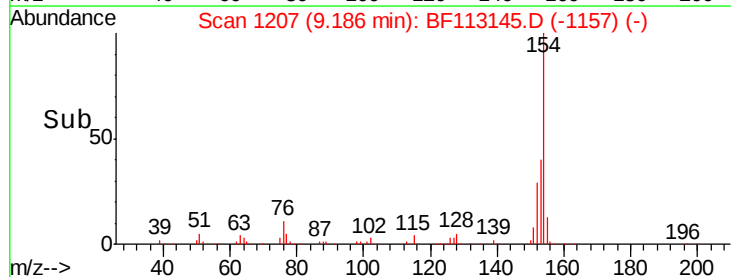
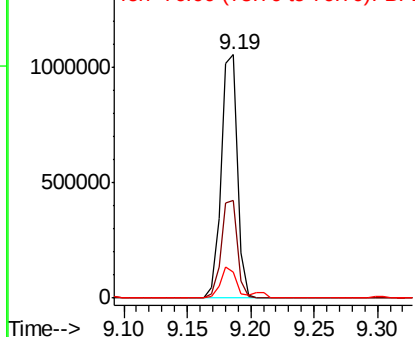


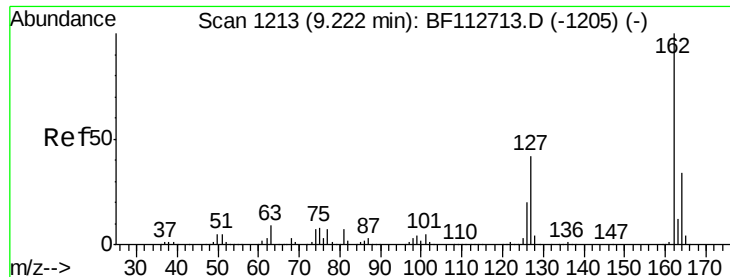
#46
1,1'-Biphenyl
Concen: 43.005 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion:154 Resp: 945399
Ion Ratio Lower Upper
154 100
153 40.1 20.8 60.8
76 10.8 0.0 33.8



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

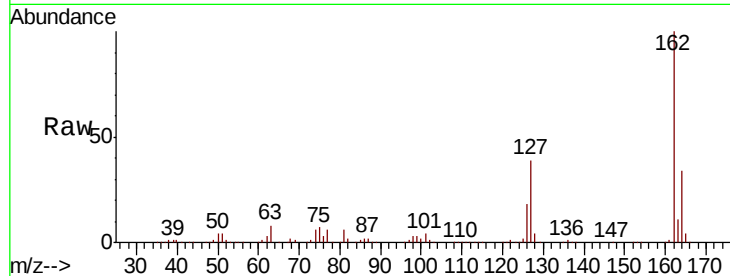




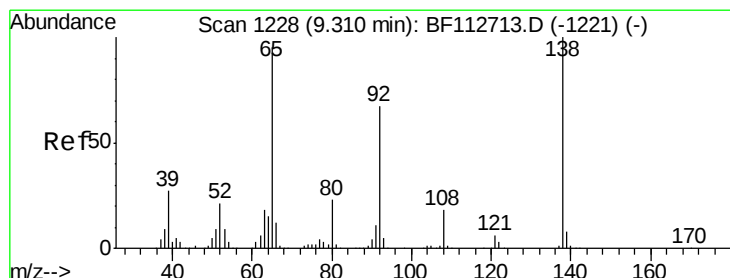
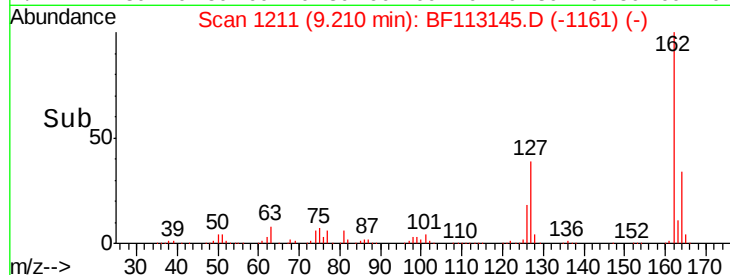
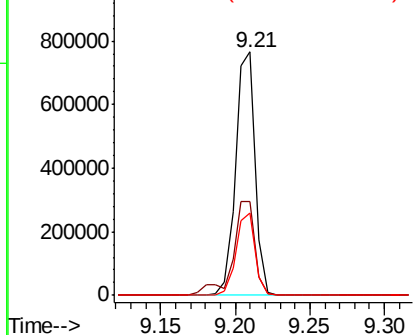
#47
 2-Chloronaphthalene
 Concen: 40.856 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 162 Resp: 701316
 Ion Ratio Lower Upper
 162 100
 127 38.5 33.4 50.2
 164 34.0 26.9 40.3

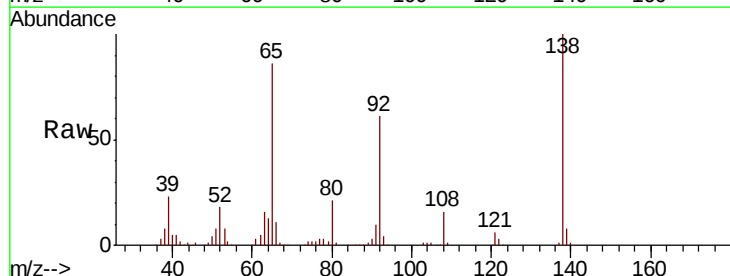


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

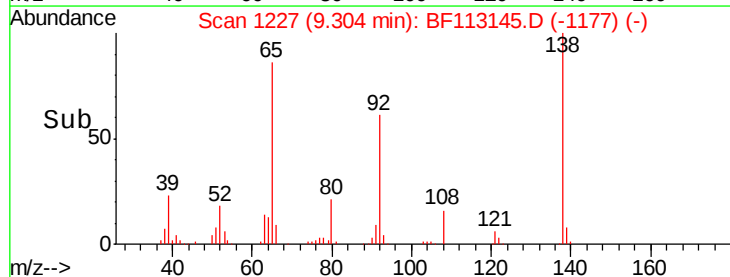
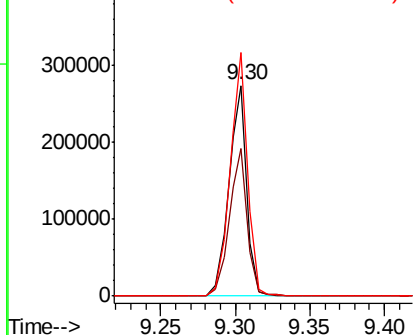


#48
 2-Nitroaniline
 Concen: 44.519 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Tgt Ion: 65 Resp: 232282
 Ion Ratio Lower Upper
 65 100
 92 70.4 56.4 84.6
 138 115.8 84.6 126.8



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

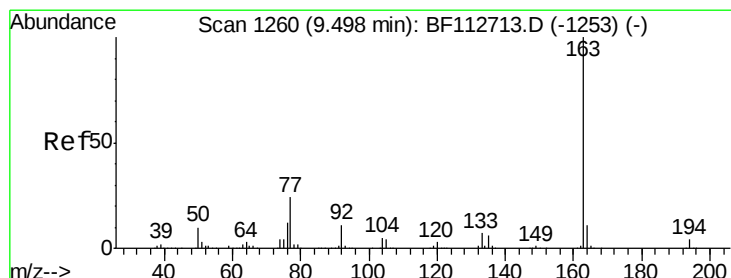
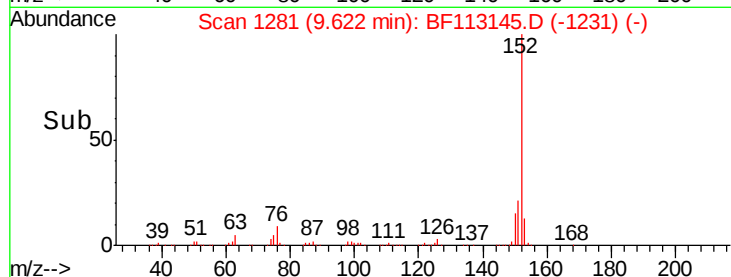
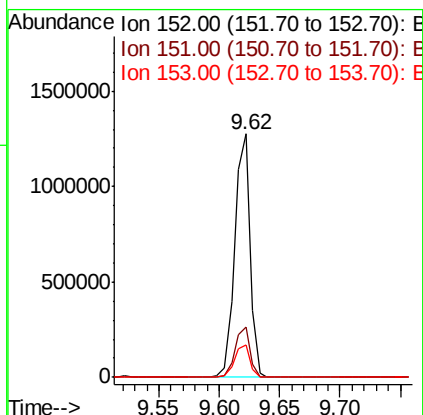
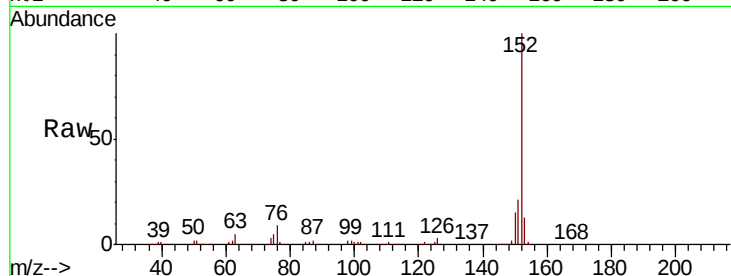




#49
Acenaphthylene
Concen: 38.791 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

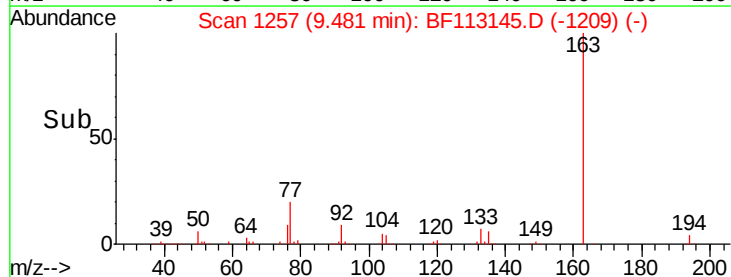
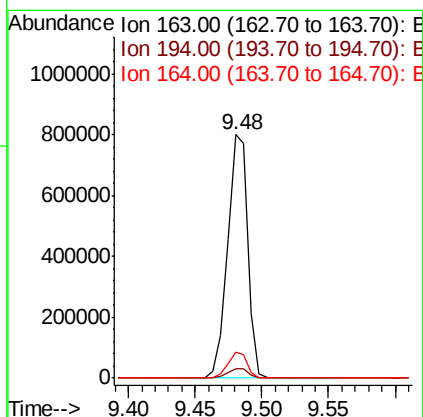
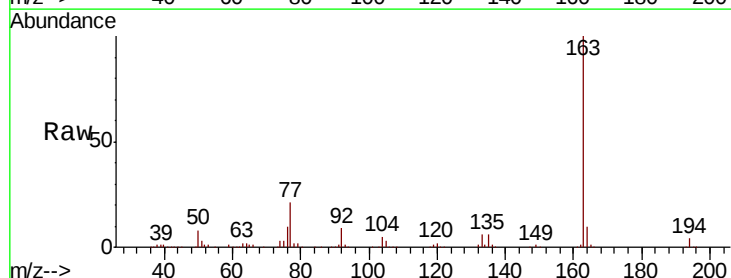
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

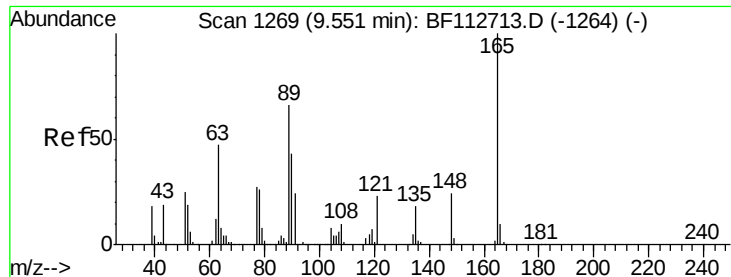
Tgt Ion:152 Resp: 1130401
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 13.4 11.0 16.6



#50
Dimethylphthalate
Concen: 43.109 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion:163 Resp: 856709
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.4 8.4 12.6

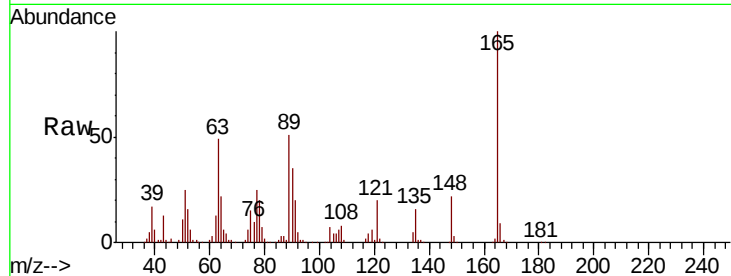




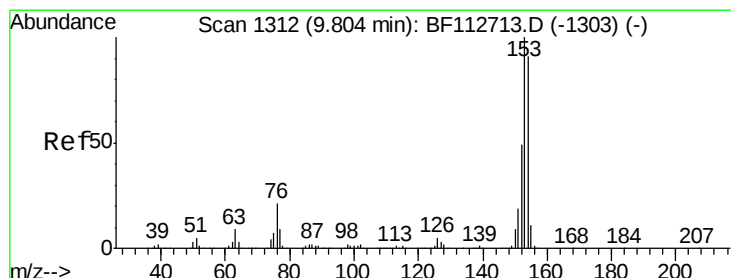
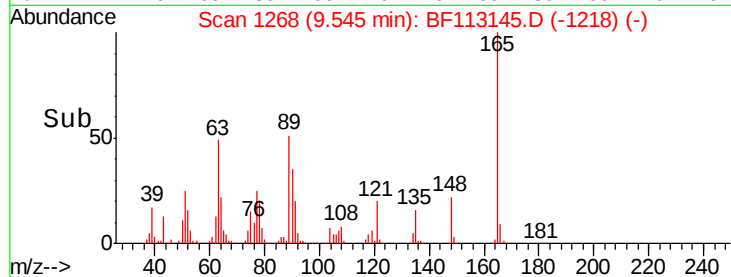
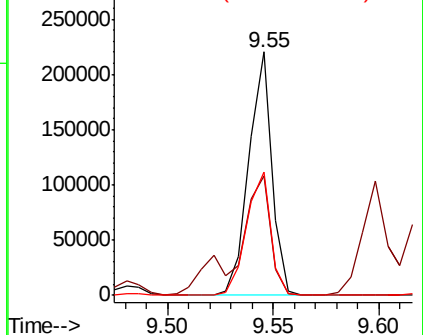
#51
 2,6-Dinitrotoluene
 Concen: 40.623 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:165 Resp: 168113
 Ion Ratio Lower Upper
 165 100
 63 48.9 54.1 81.1#
 89 50.7 52.8 79.2#

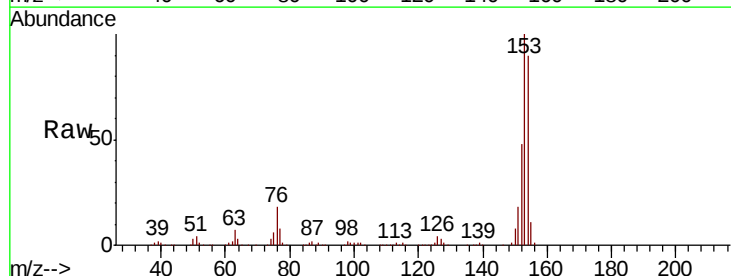


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

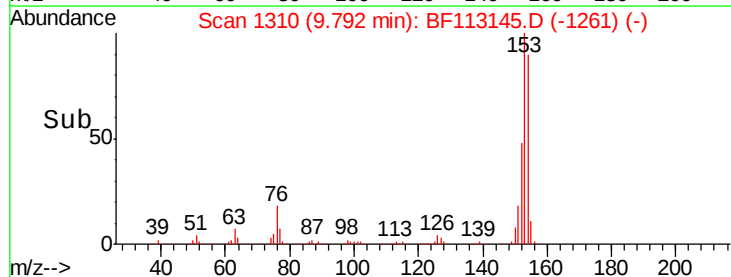
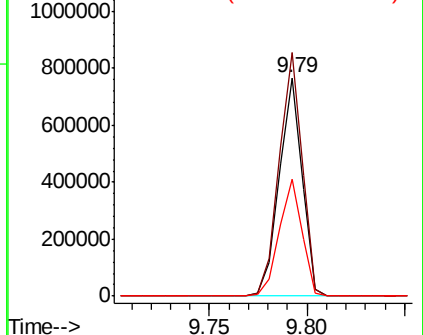


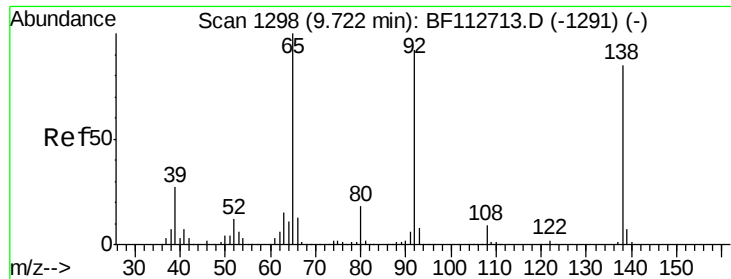
#52
 Acenaphthene
 Concen: 36.551 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Tgt Ion:154 Resp: 622888
 Ion Ratio Lower Upper
 154 100
 153 111.4 87.8 131.8
 152 53.6 43.0 64.6



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

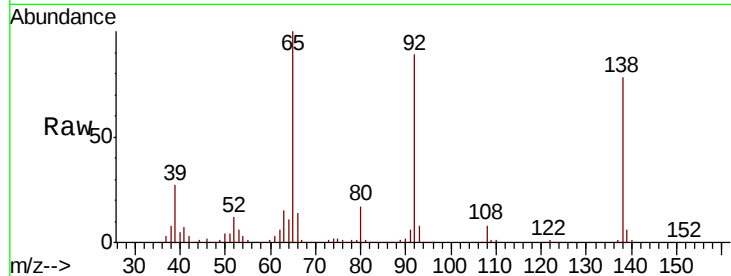




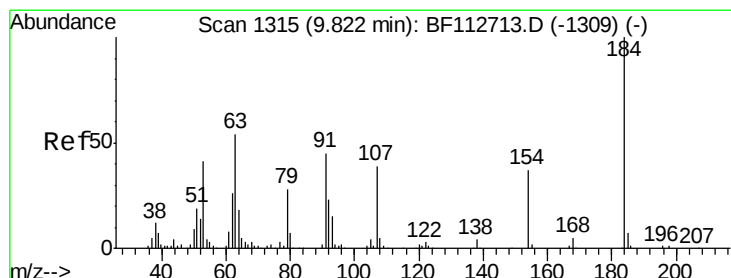
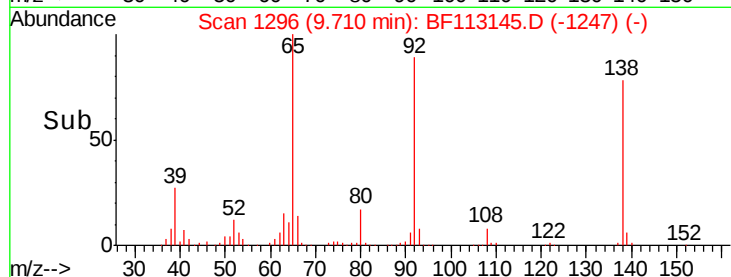
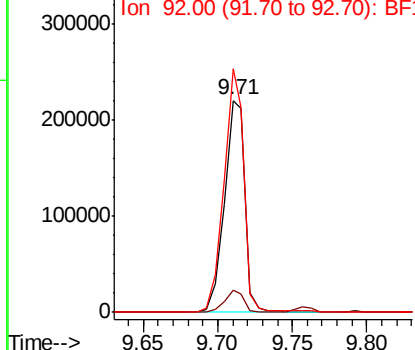
#53
3-Nitroaniline
Concen: 42.768 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 215663
Ion Ratio Lower Upper
138 100
108 10.4 8.6 13.0
92 114.7 86.6 129.8

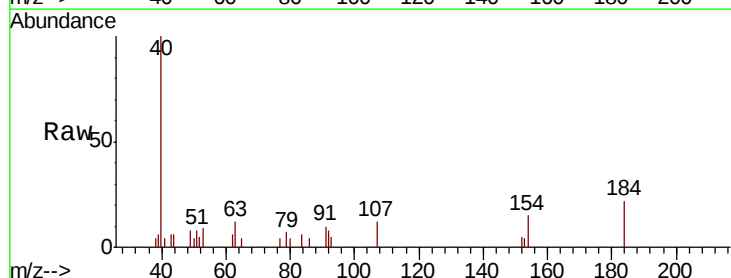


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

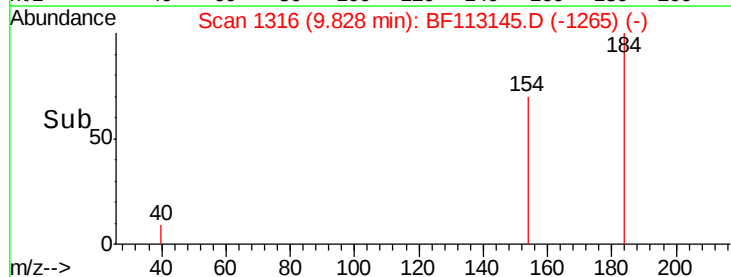
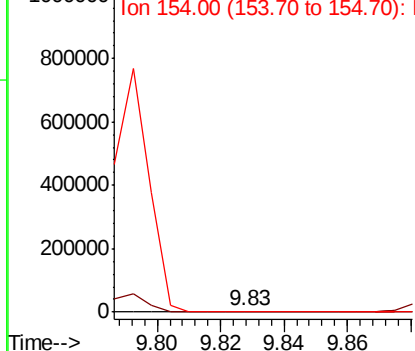


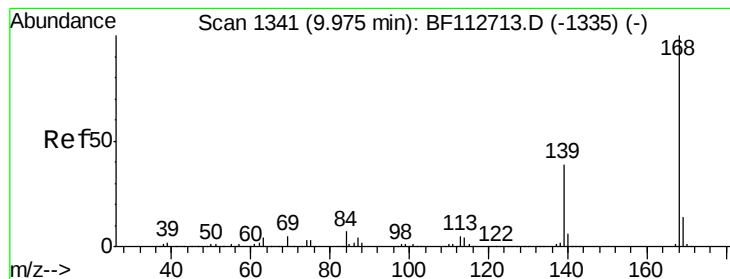
#54
2,4-Dinitrophenol
Concen: 7.437 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion:184 Resp: 1812
Ion Ratio Lower Upper
184 100
63 55.6 45.3 67.9
154 69.6 46.0 69.0#



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





#55

Dibenzofuran

Concen: 38.757 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

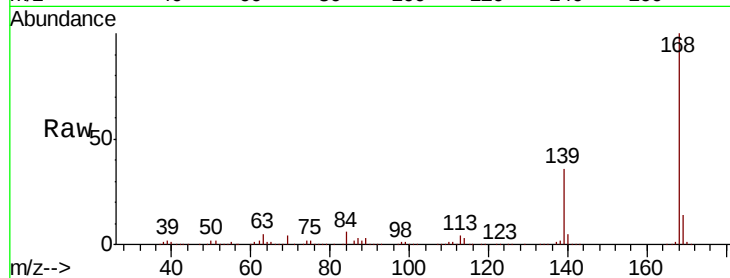
Tgt Ion:168 Resp: 959945

Ion Ratio Lower Upper

168 100

139 36.1 31.3 46.9

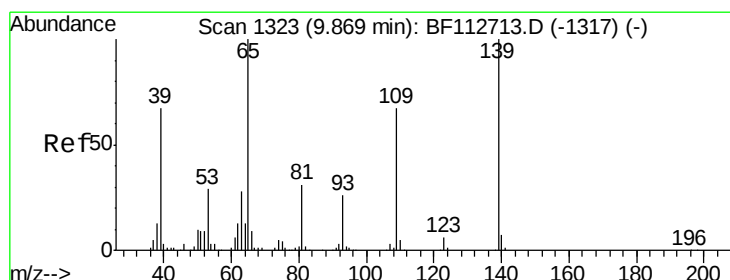
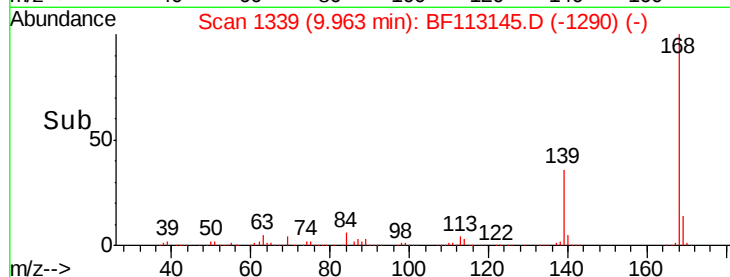
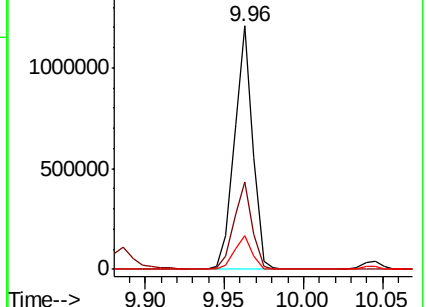
169 13.6 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 26.931 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

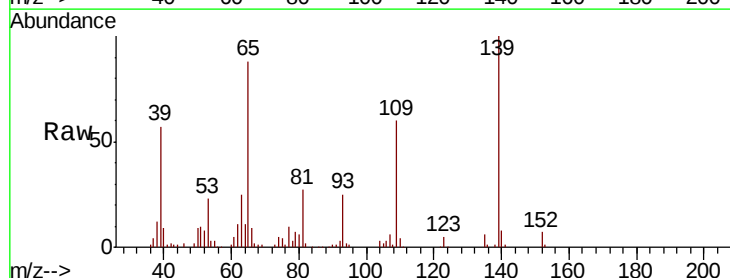
Tgt Ion:139 Resp: 110369

Ion Ratio Lower Upper

139 100

109 60.5 46.8 86.8

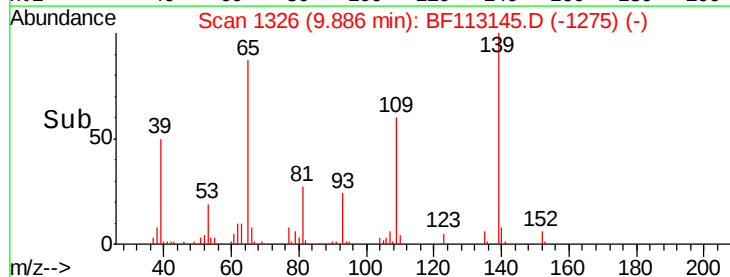
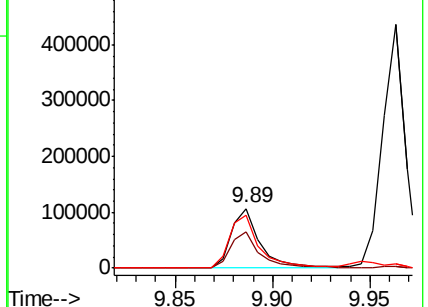
65 88.4 80.7 120.7

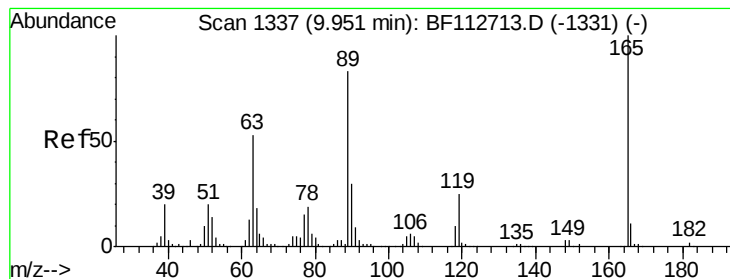


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 39.481 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 203094

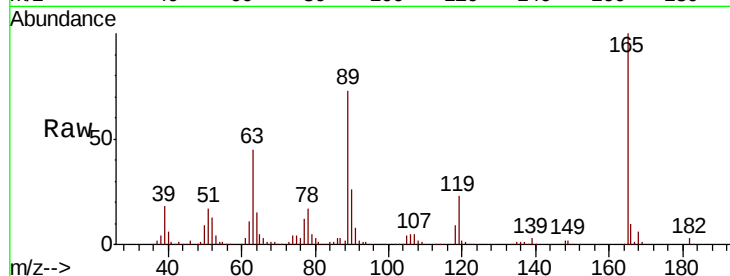
Ion Ratio Lower Upper

165 100

63 45.4 42.2 63.2

89 73.1 66.2 99.4

182 2.5 1.8 2.6

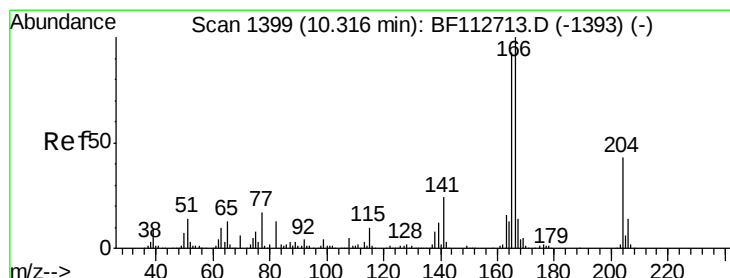
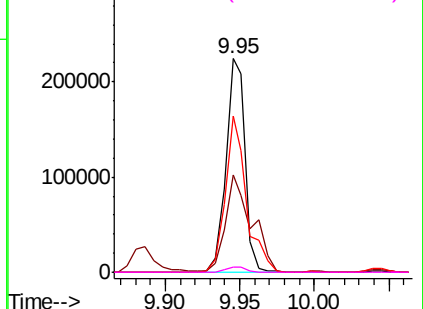
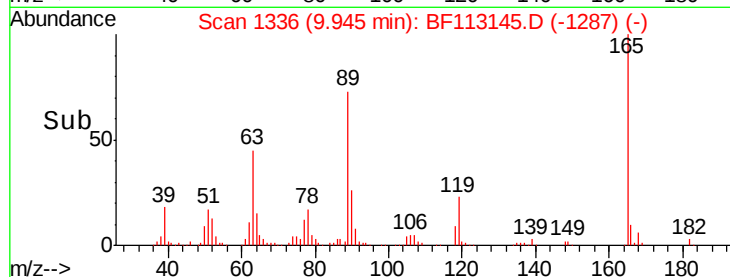


Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.077 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

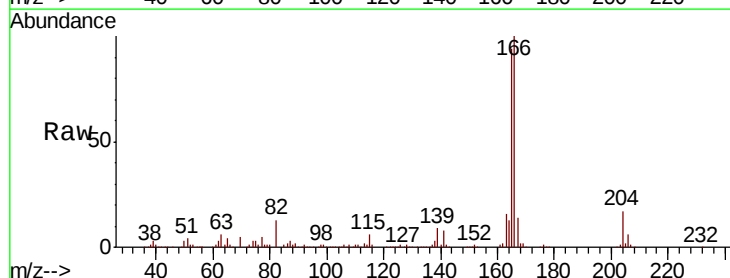
Tgt Ion:166 Resp: 686946

Ion Ratio Lower Upper

166 100

165 94.3 74.7 112.1

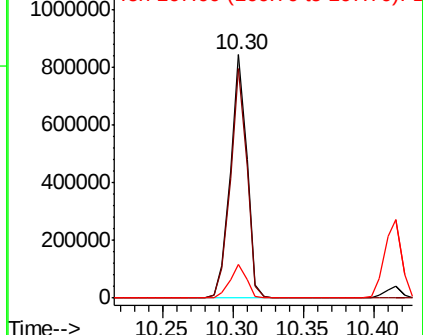
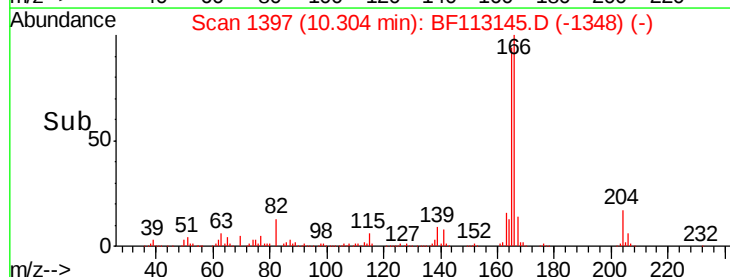
167 13.7 11.0 16.6

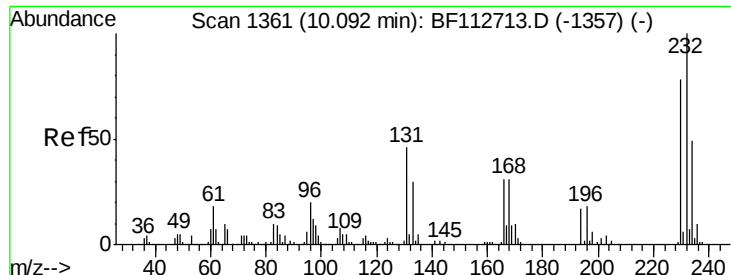


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

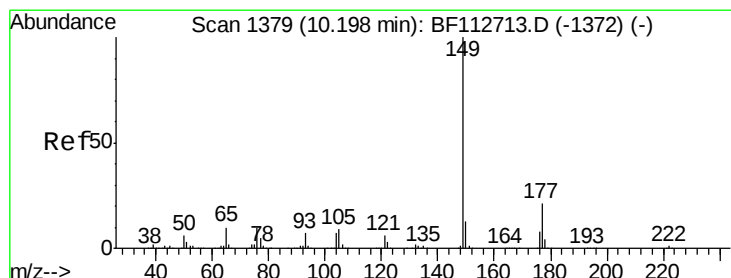
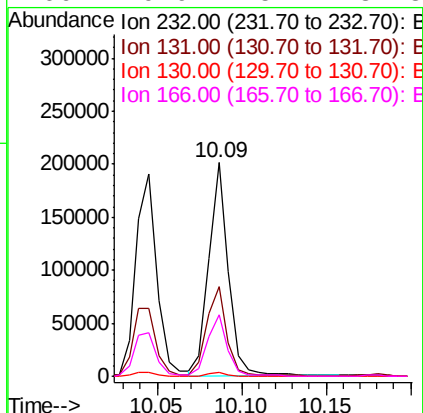
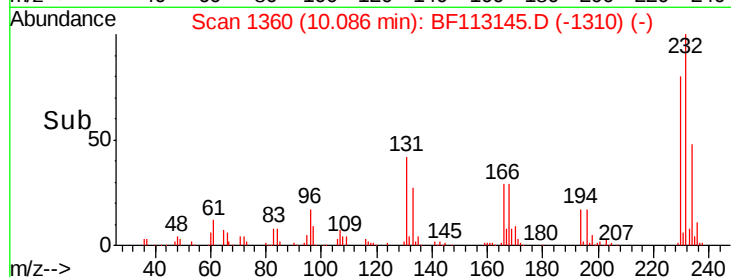
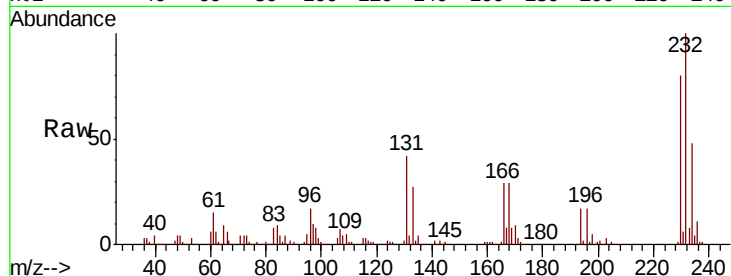




#59
2,3,4,6-Tetrachlorophenol
Concen: 33.678 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

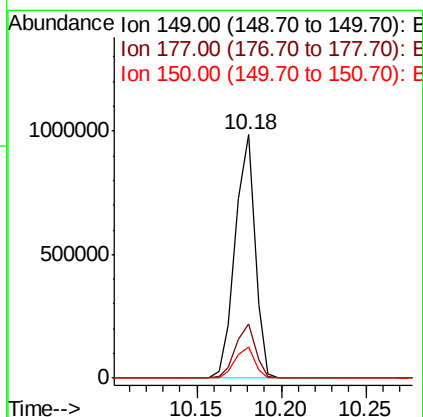
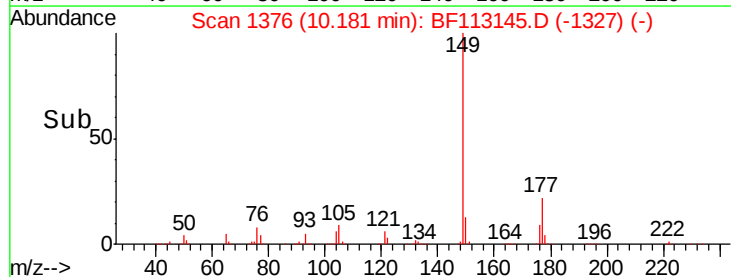
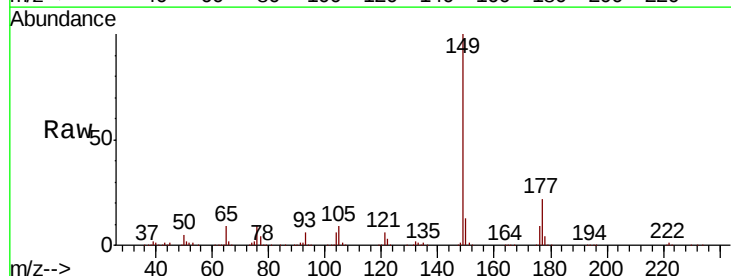
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

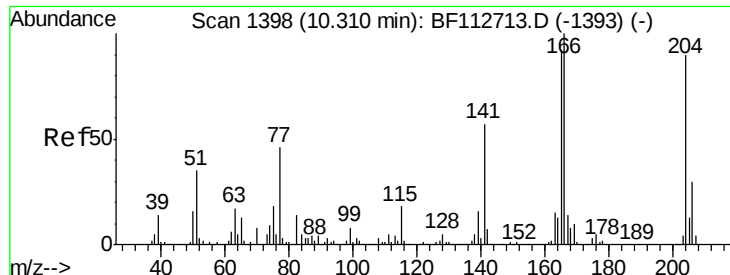
Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.7	38.7	58.1
130	1.9	1.9	2.9
166	29.9	25.2	37.8



#60
Diethylphthalate
Concen: 38.285 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.0	25.6
150	12.6	10.0	15.0

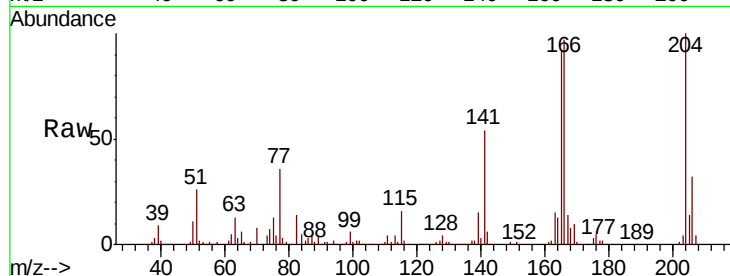




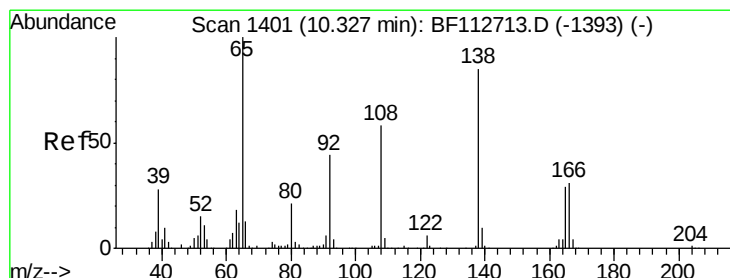
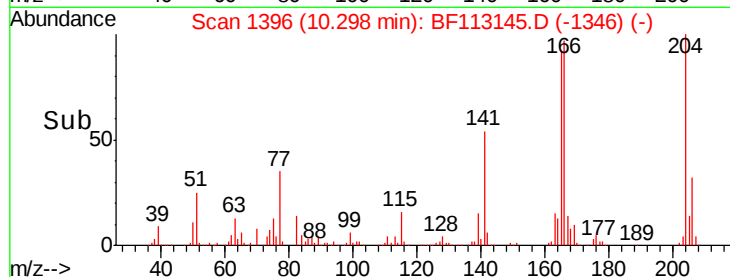
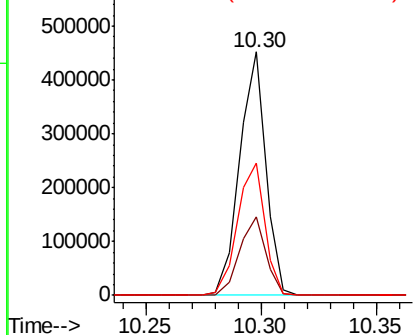
#61
4-Chlorophenyl-phenylether
Concen: 43.823 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 358428
Ion Ratio Lower Upper
204 100
206 32.5 26.6 40.0
141 54.3 50.8 76.2

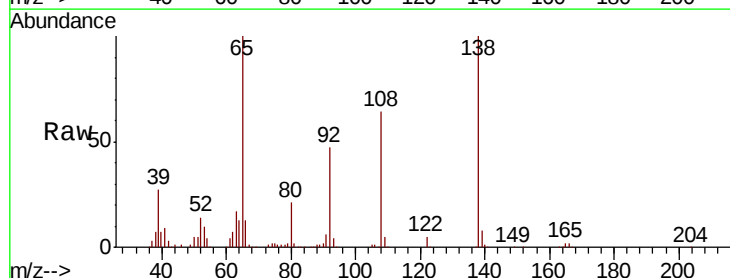


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

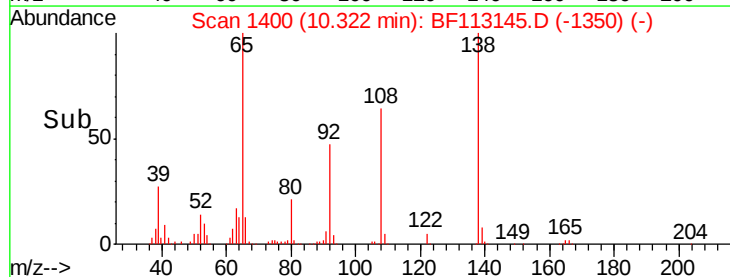
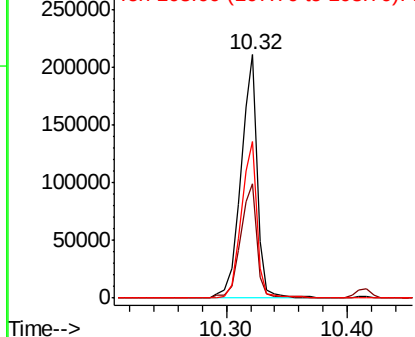


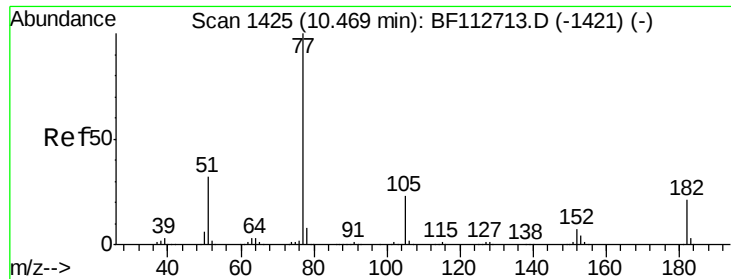
#62
4-Nitroaniline
Concen: 42.446 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion:138 Resp: 197783
Ion Ratio Lower Upper
138 100
92 47.0 31.3 71.3
108 64.3 48.1 88.1



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: 32.878 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 706812

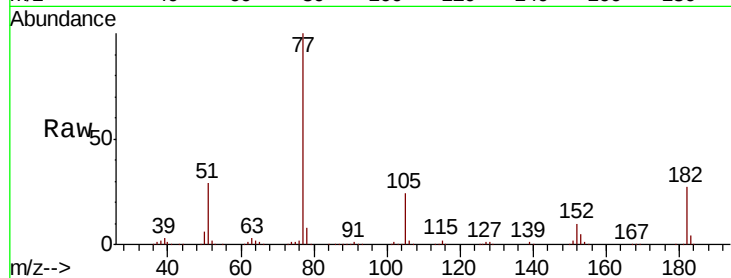
Ion Ratio Lower Upper

77 100

182 26.5 1.4 41.4

105 23.6 2.6 42.6

51 28.6 12.0 52.0

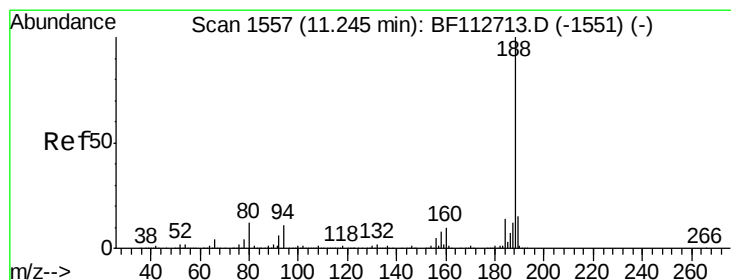
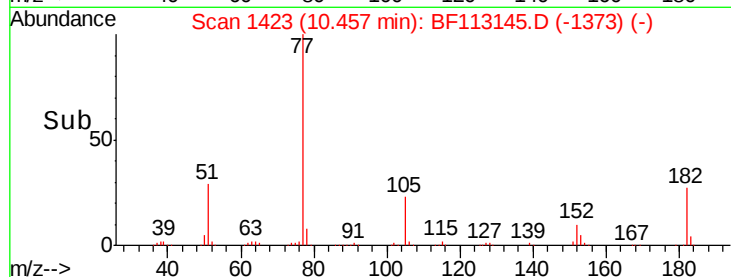
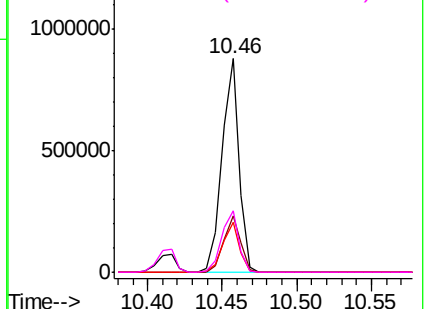


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

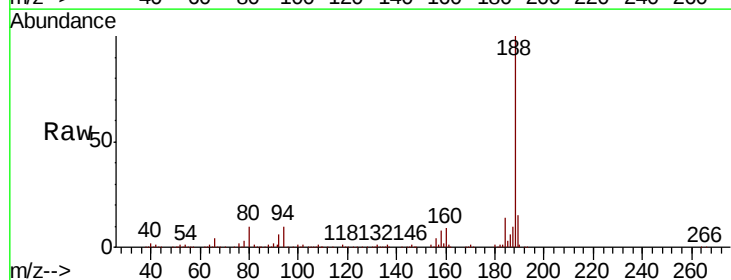
Tgt Ion: 188 Resp: 459522

Ion Ratio Lower Upper

188 100

94 9.9 9.0 13.4

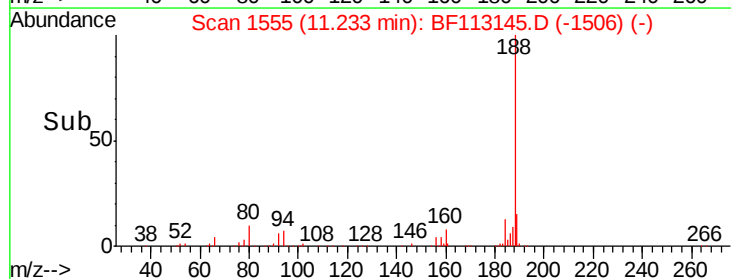
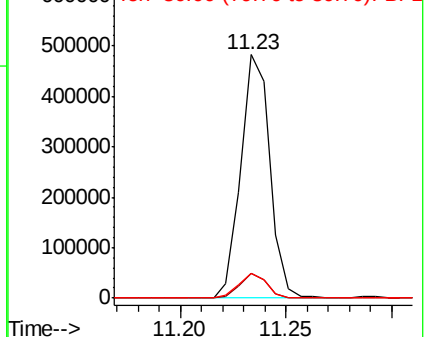
80 10.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

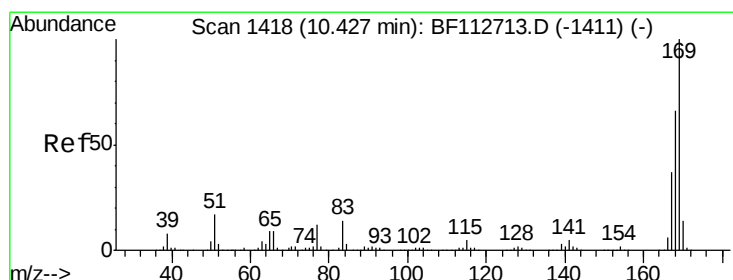
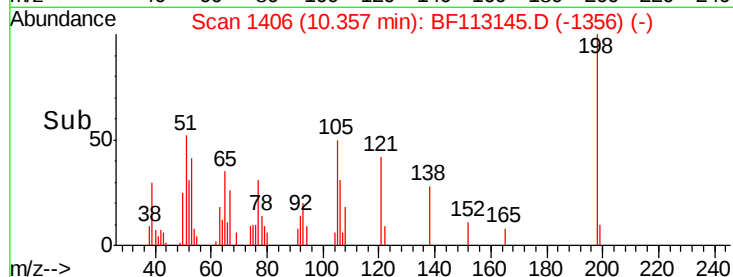
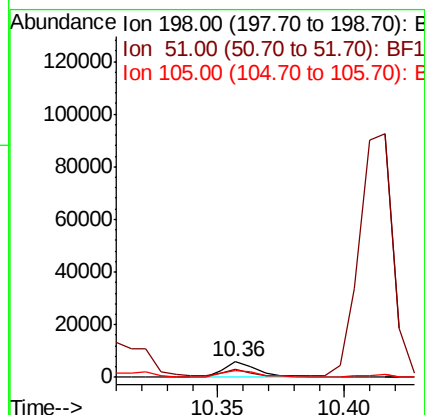
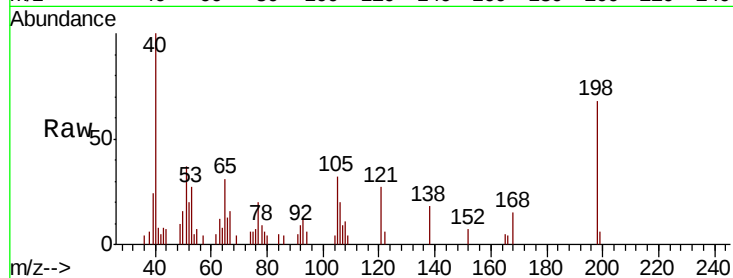




#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.207 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

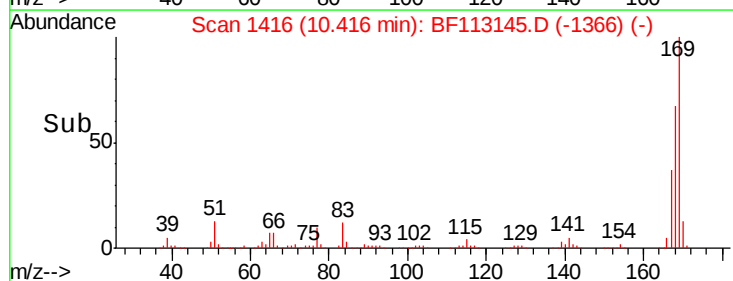
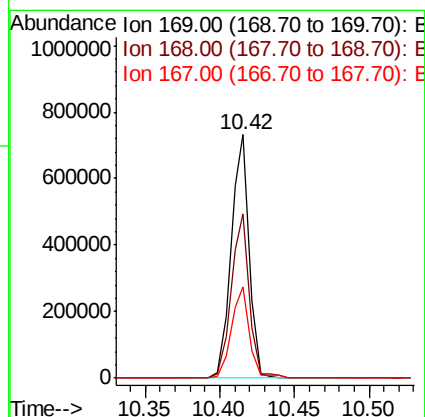
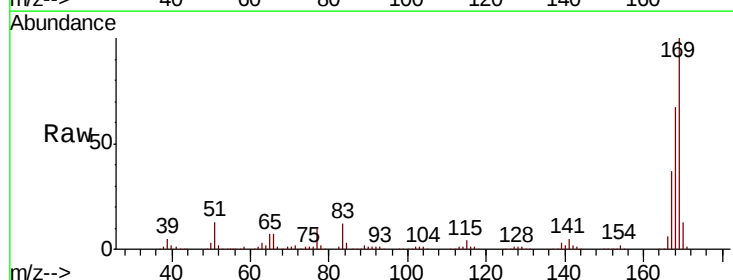
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

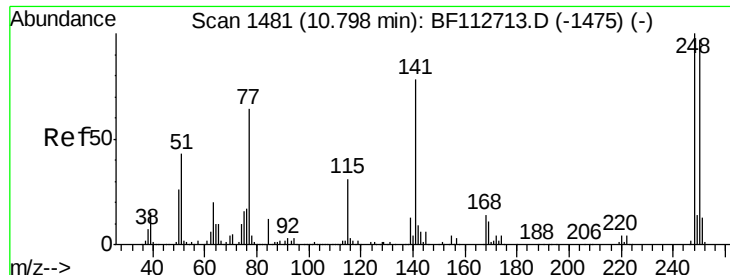
Tgt Ion:198 Resp: 5419
 Ion Ratio Lower Upper
 198 100
 51 54.8 43.8 83.8
 105 47.4 36.5 76.5



#66
 n-Nitrosodiphenylamine
 Concen: 42.462 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Tgt Ion:169 Resp: 625771
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.0 79.6
 167 37.4 29.3 43.9

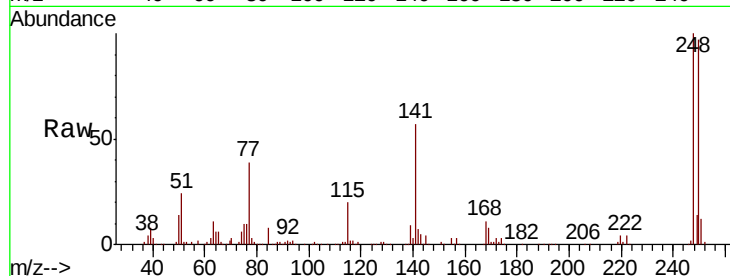




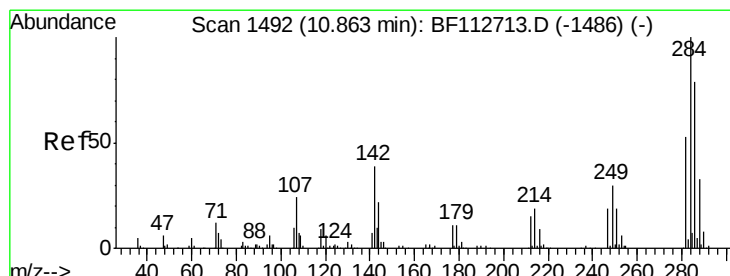
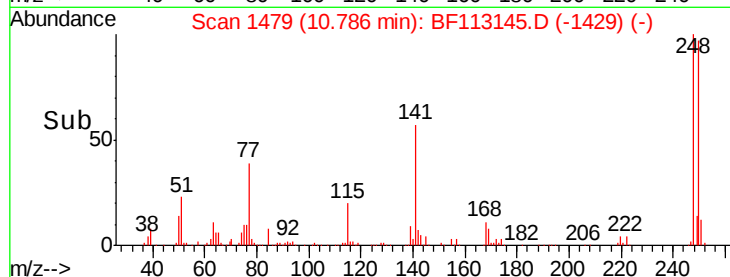
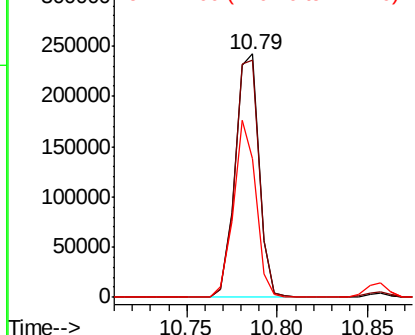
#67
4-Bromophenyl-phenylether
Concen: 45.925 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 222283
Ion Ratio Lower Upper
248 100
250 97.3 77.5 116.3
141 57.1 62.4 93.6#

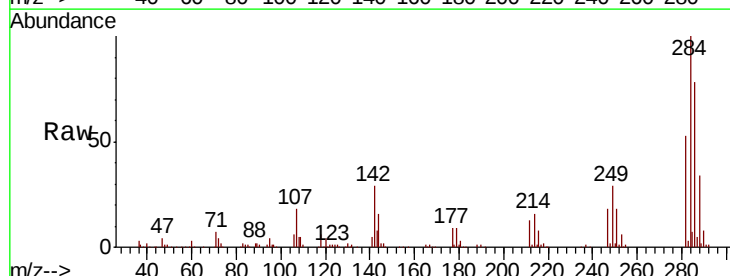


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

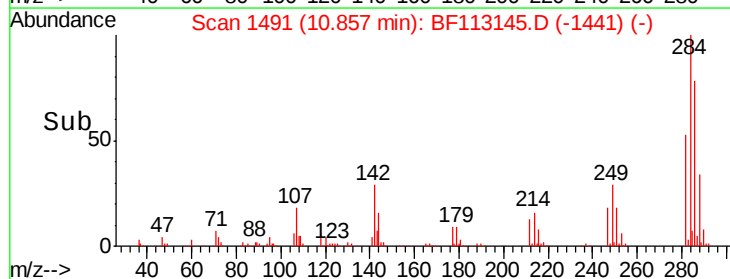
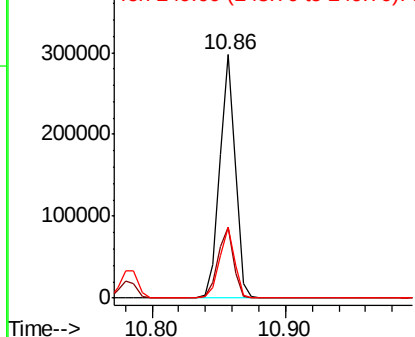


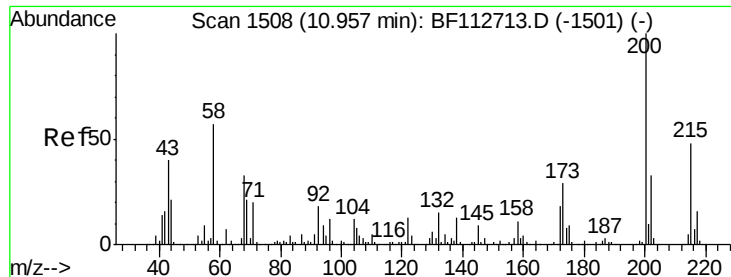
#68
Hexachlorobenzene
Concen: 45.317 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion:284 Resp: 247253
Ion Ratio Lower Upper
284 100
142 29.1 31.0 46.6#
249 29.0 23.6 35.4



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

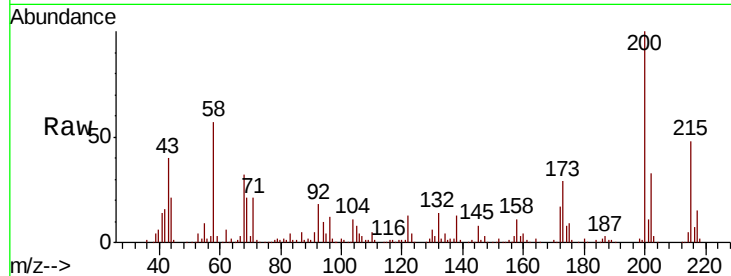




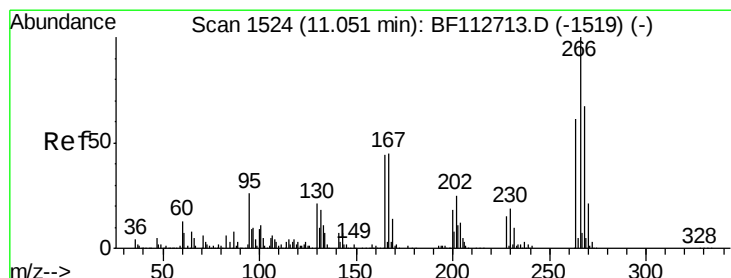
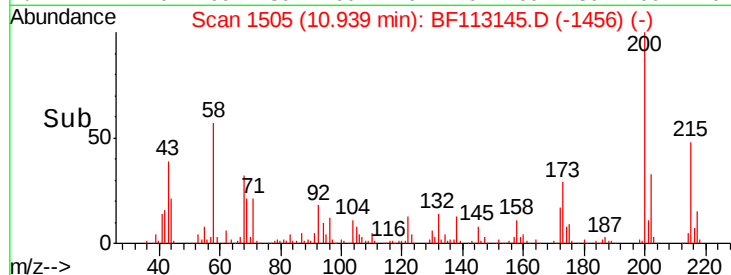
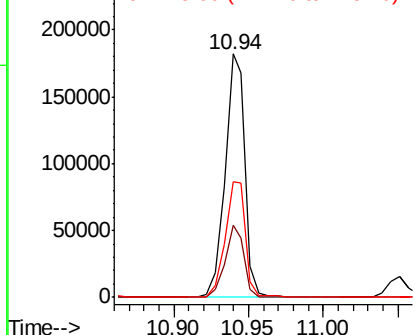
#69
Atrazine
Concen: 37.860 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 200 Resp: 170884
Ion Ratio Lower Upper
200 100
173 29.4 9.1 49.1
215 47.7 28.2 68.2

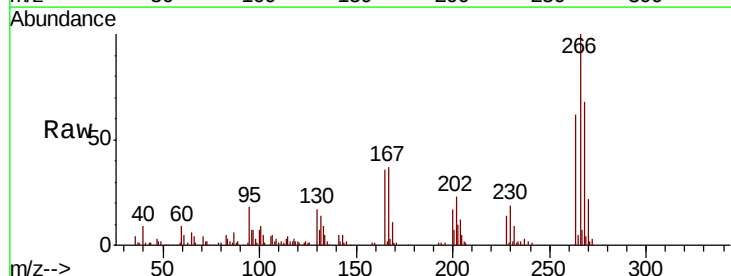


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

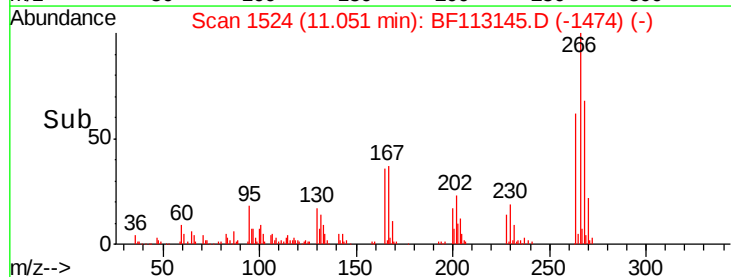
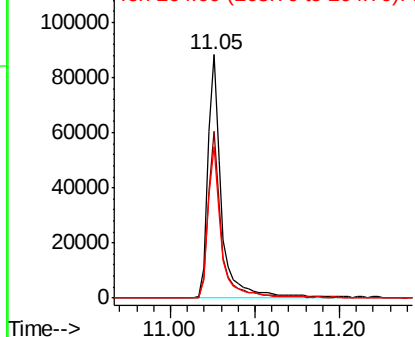


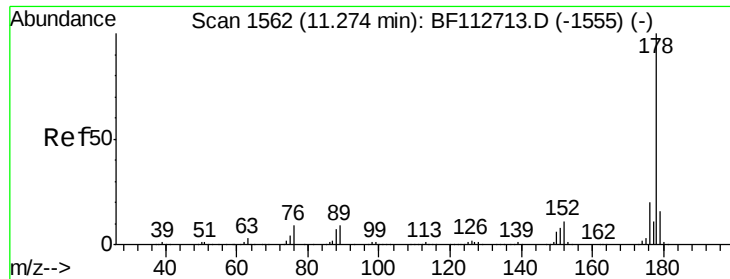
#70
Pentachlorophenol
Concen: 30.997 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion: 266 Resp: 99540
Ion Ratio Lower Upper
266 100
268 68.4 53.3 79.9
264 62.4 48.9 73.3



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

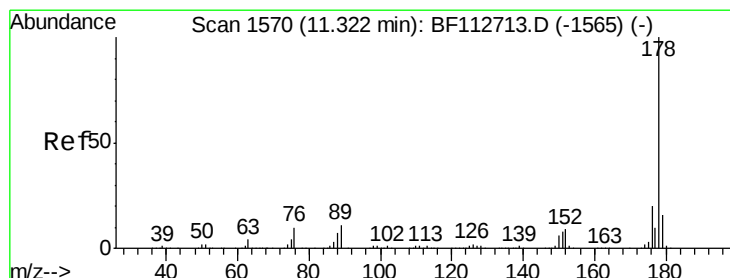
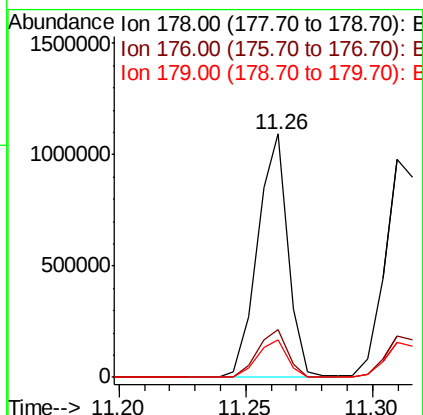
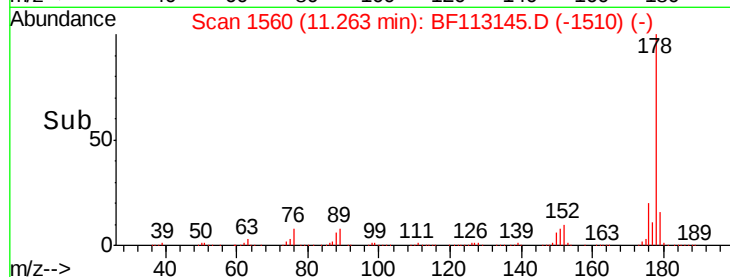
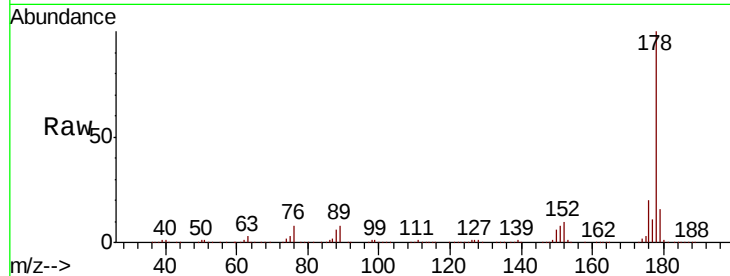




#71
Phenanthrene
Concen: 39.940 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

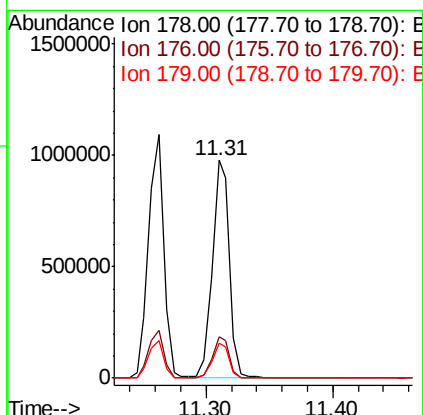
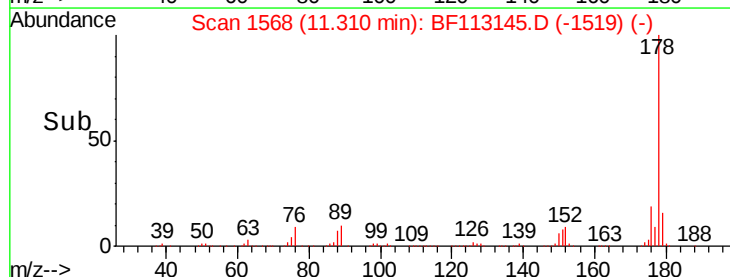
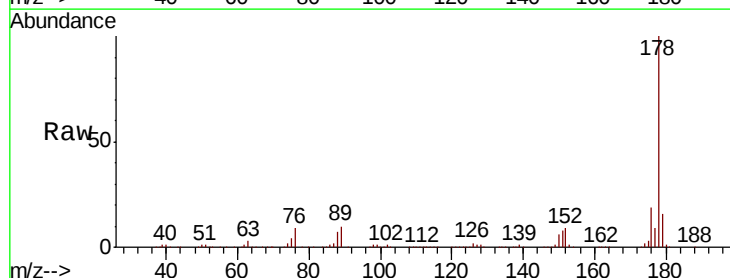
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 913158
Ion Ratio Lower Upper
178 100
176 19.7 16.3 24.5
179 15.5 12.7 19.1



#72
Anthracene
Concen: 38.951 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion:178 Resp: 932211
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.6
179 15.9 13.0 19.6

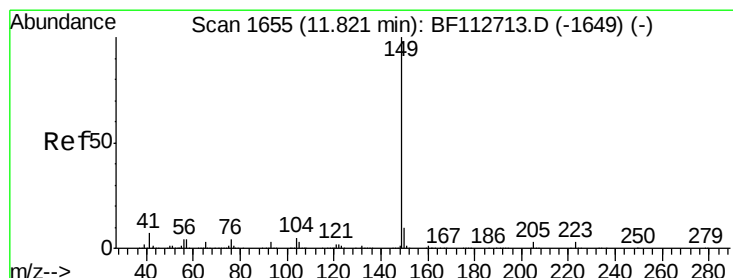
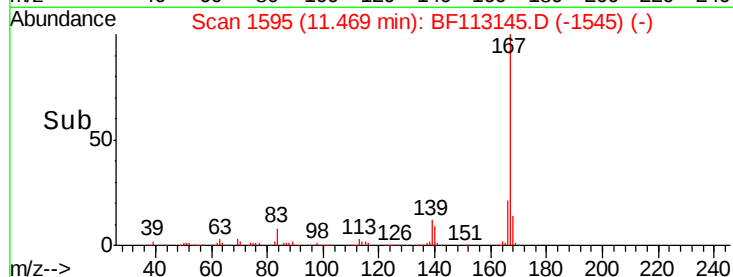
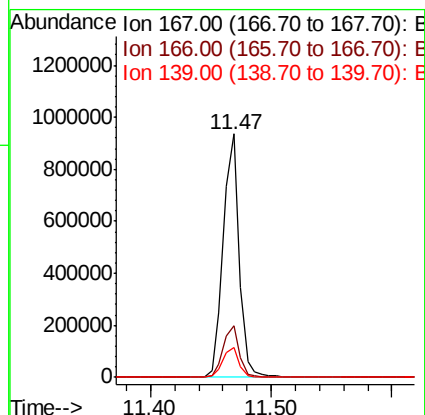
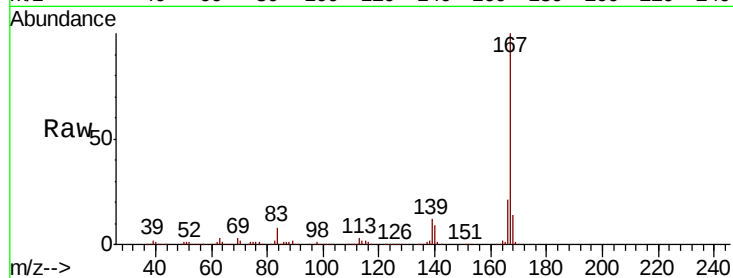




#73
 Carbazole
 Concen: 36.504 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

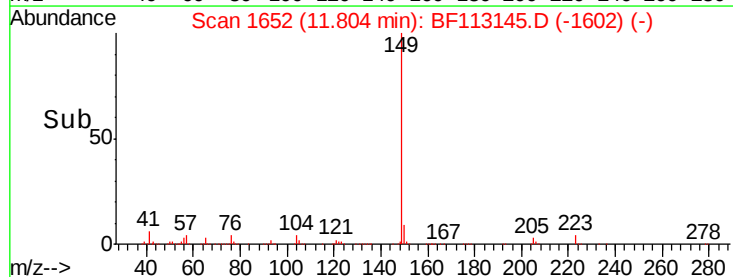
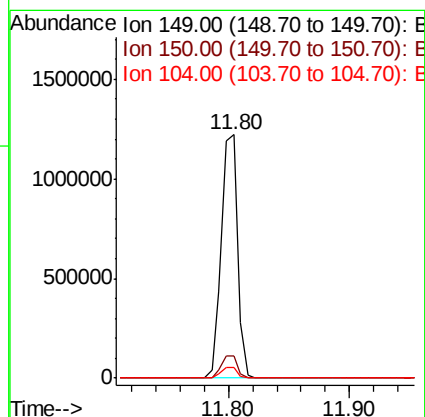
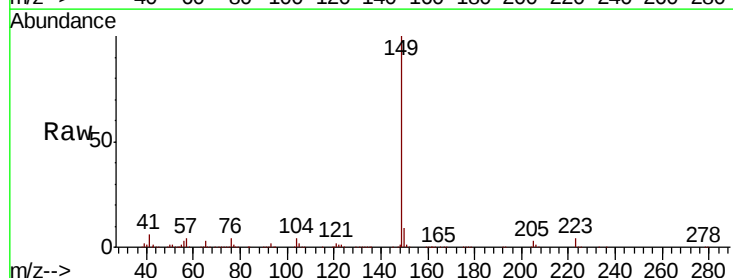
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

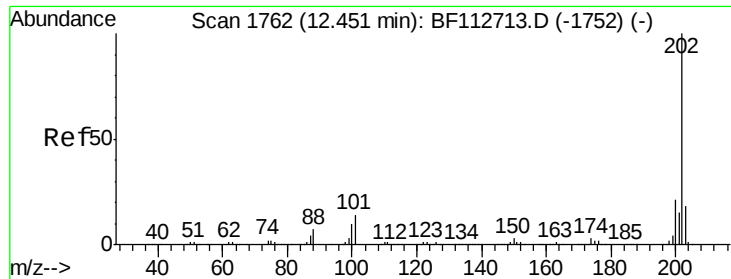
Tgt Ion:167 Resp: 852242
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 12.3 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 40.252 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Tgt Ion:149 Resp: 1126787
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 4.3 3.7 5.5

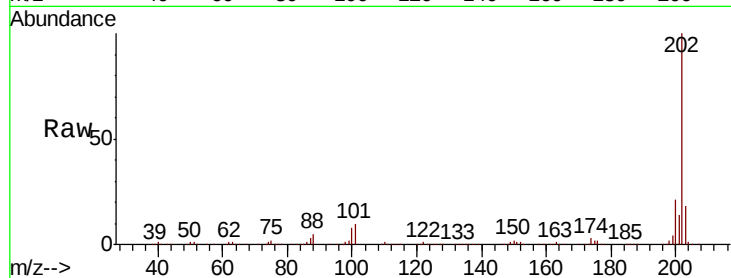




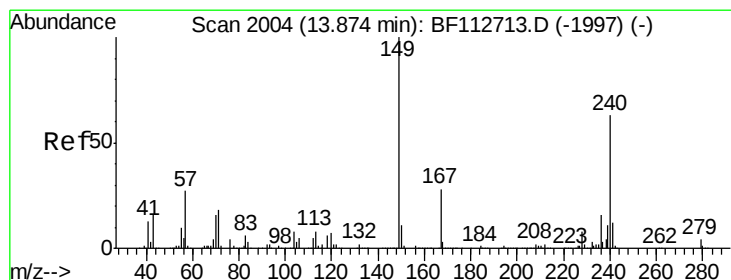
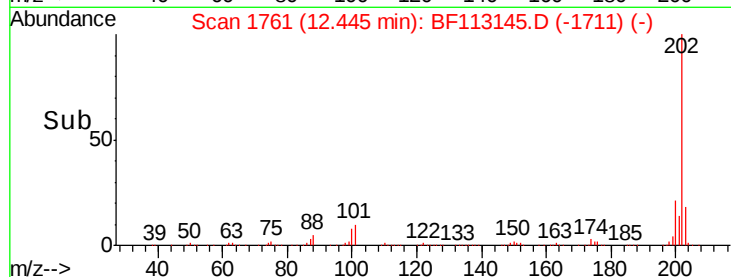
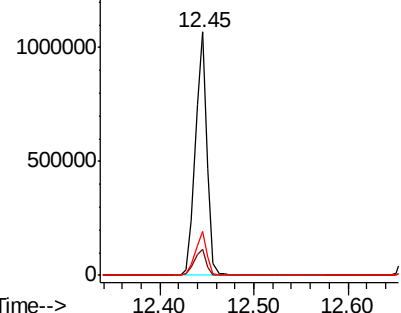
#75
Fluoranthene
Concen: 38.019 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	33.8
203	17.9	0.0	38.4

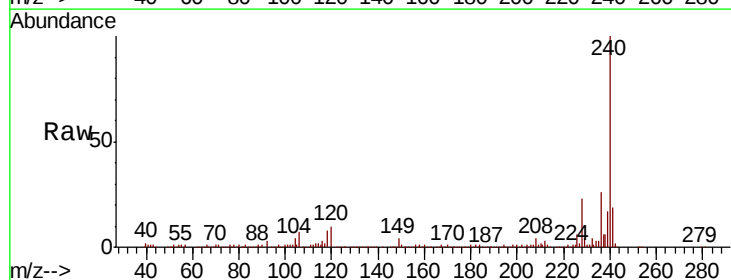


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

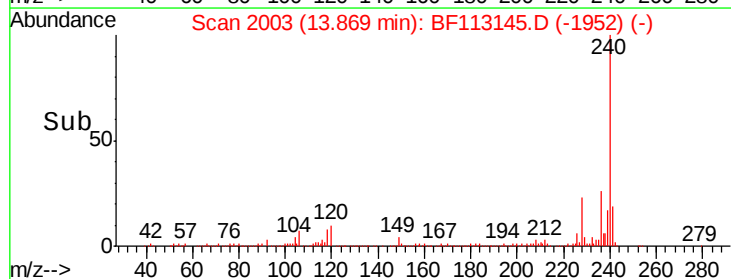
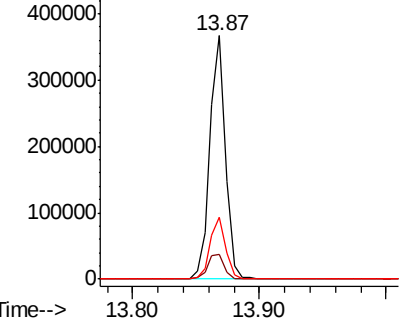


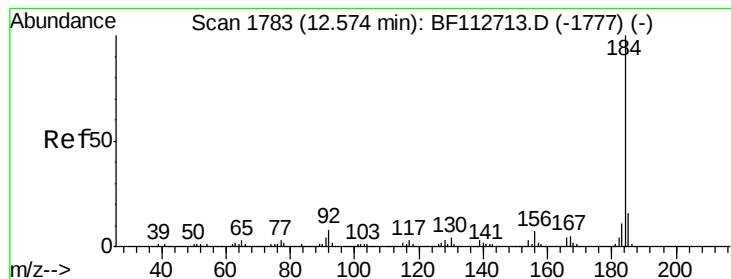
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.9	13.3
236	25.6	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: 24.950 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

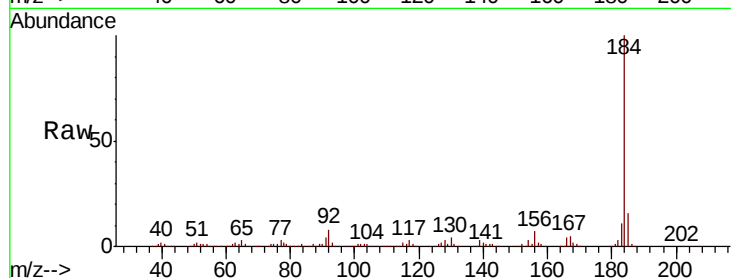
Tgt Ion:184 Resp: 407039

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

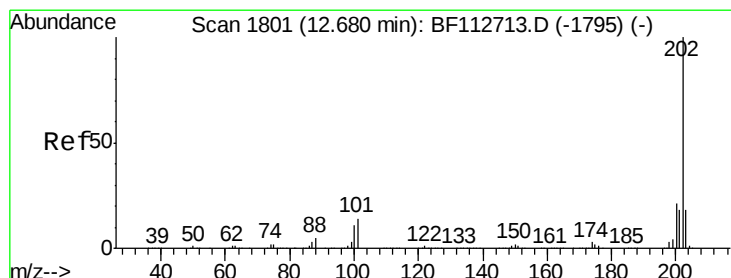
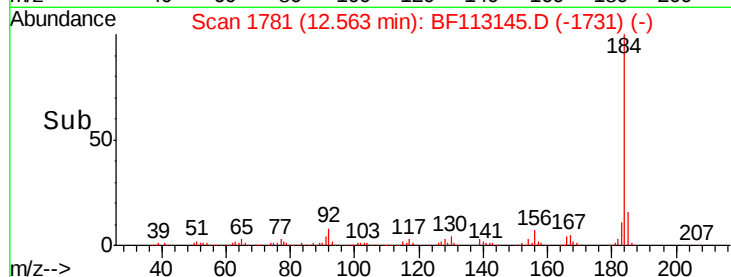
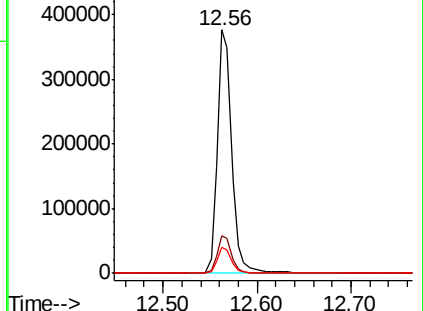
183 10.7 8.6 12.8



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: 35.132 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

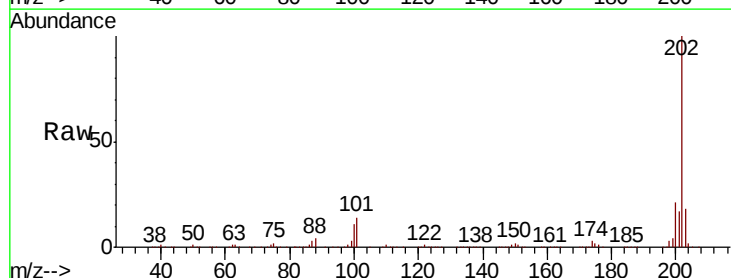
Tgt Ion:202 Resp: 931316

Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.4

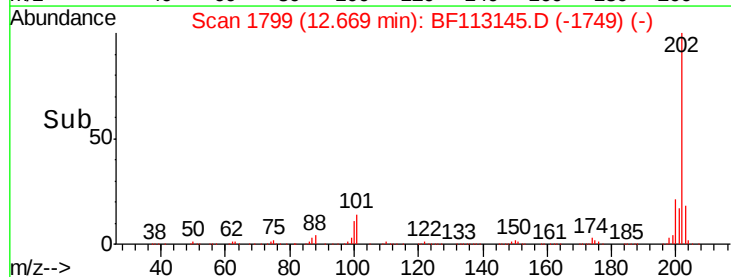
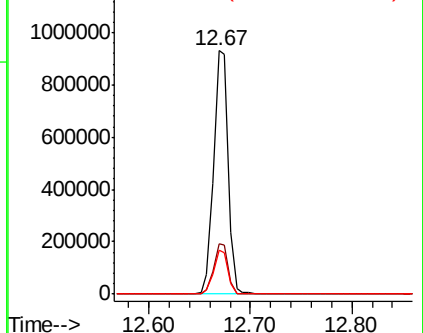
203 17.9 14.4 21.6

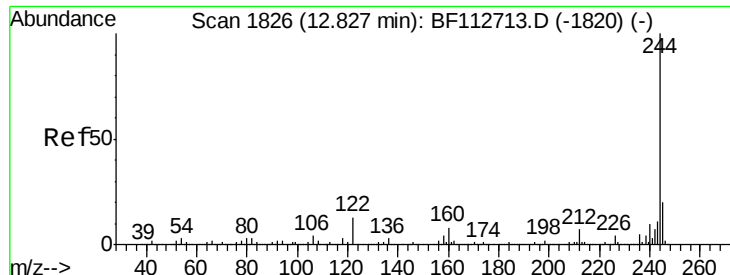


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

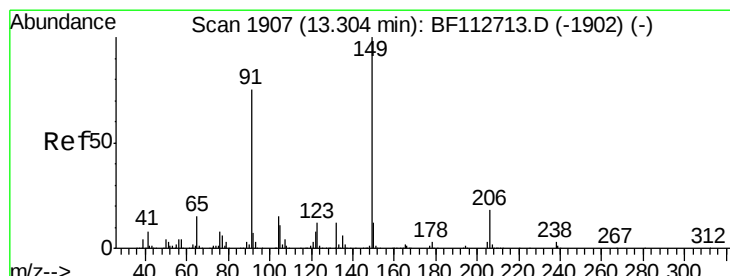
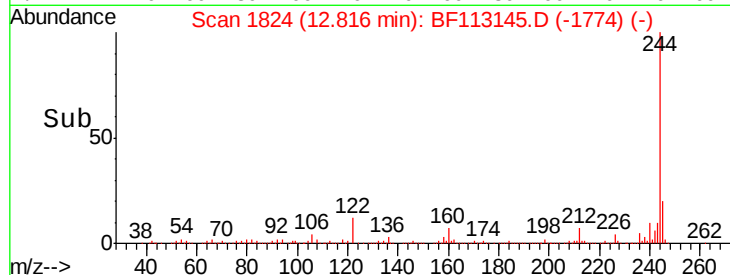
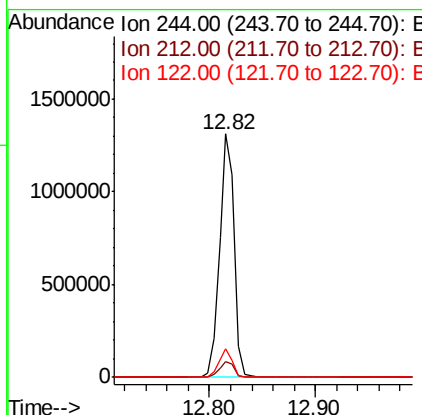
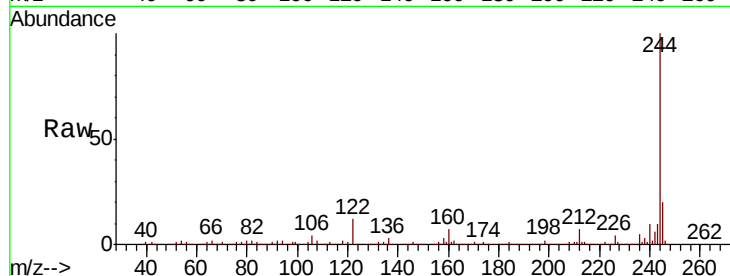




#79
 Terphenyl-d14
 Concen: 78.162 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

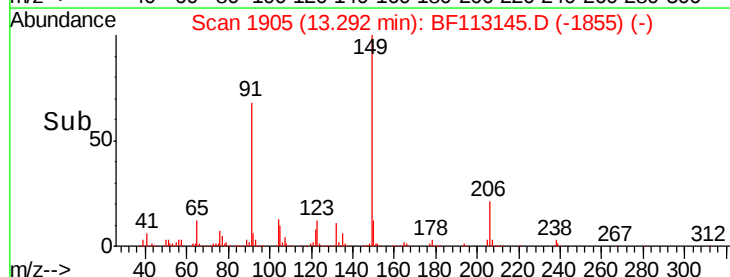
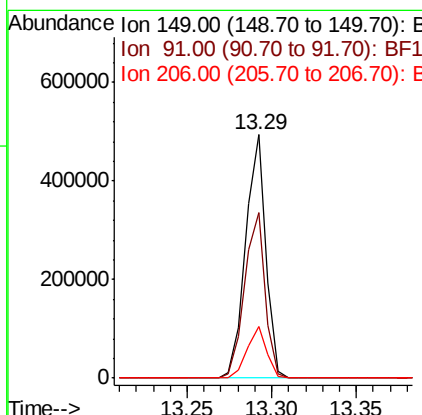
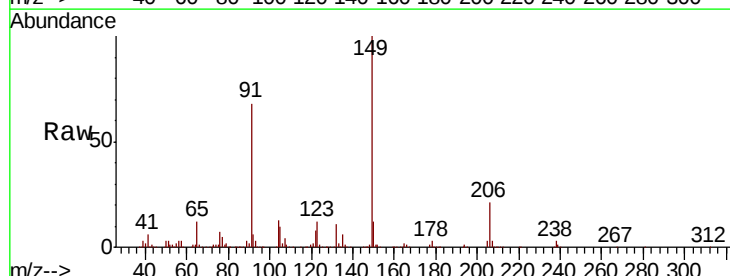
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

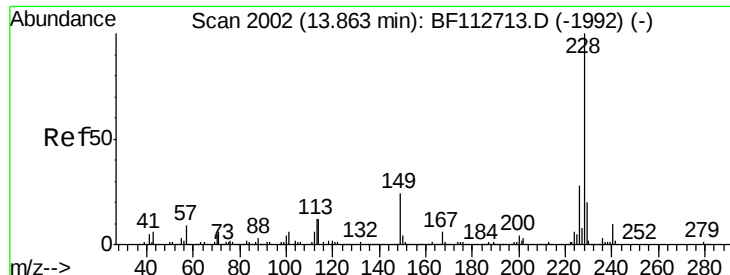
Tgt Ion:244 Resp: 1267883
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.6 10.5 15.7



#80
 Butylbenzylphthalate
 Concen: 35.456 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Tgt Ion:149 Resp: 414876
 Ion Ratio Lower Upper
 149 100
 91 68.2 59.9 89.9
 206 21.1 14.7 22.1





#81

Benzo(a)anthracene

Concen: 33.463 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

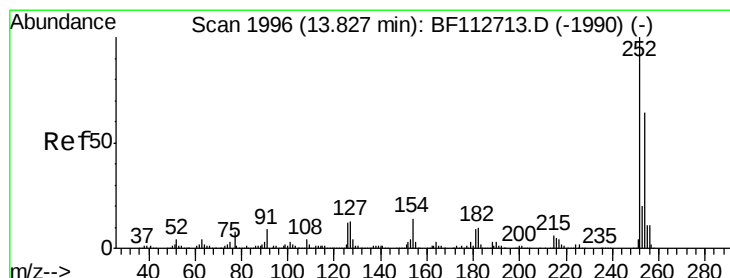
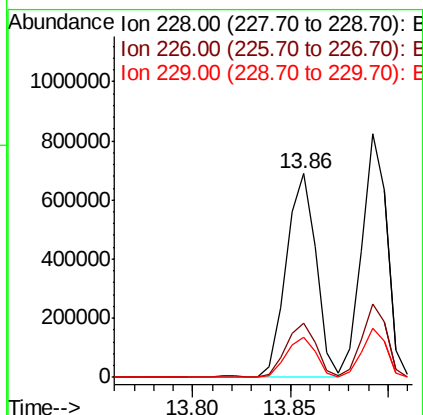
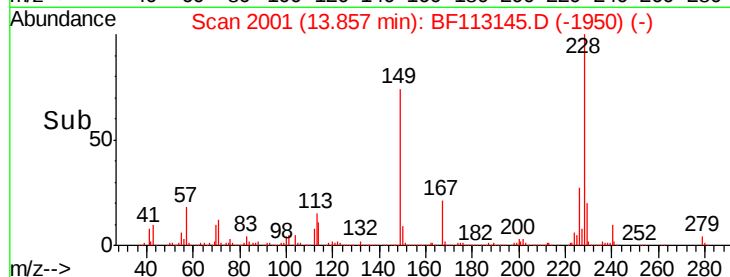
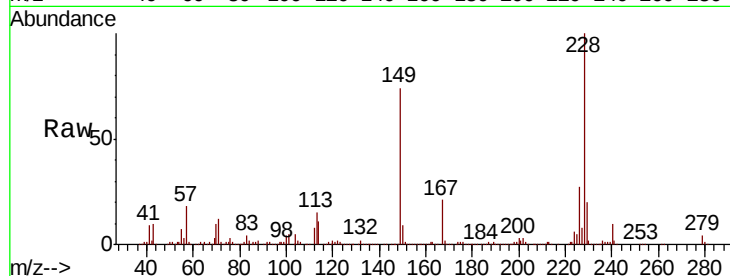
Tgt Ion:228 Resp: 729266

Ion Ratio Lower Upper

228 100

226 26.8 22.2 33.4

229 20.0 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 37.368 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

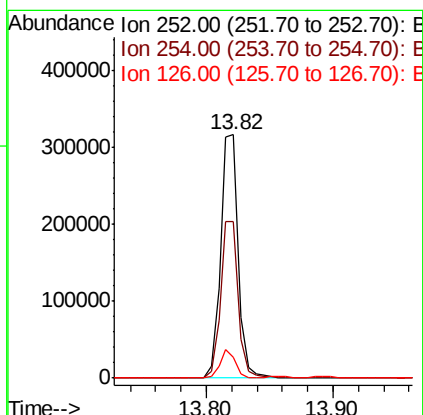
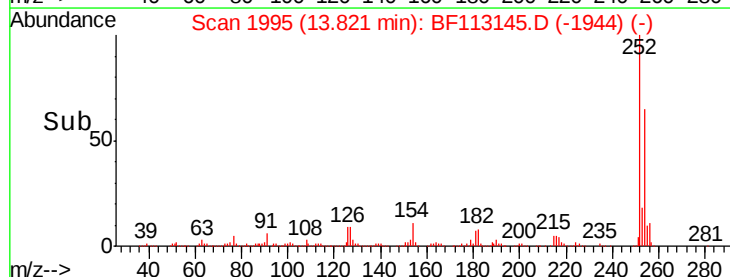
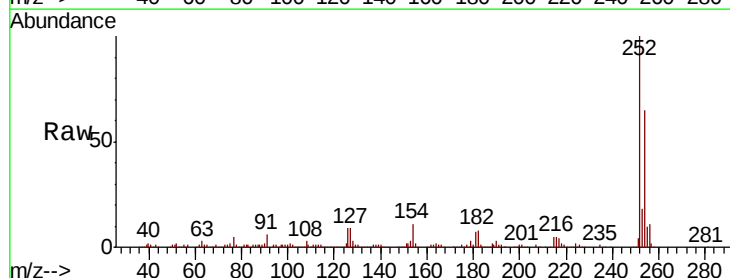
Tgt Ion:252 Resp: 308002

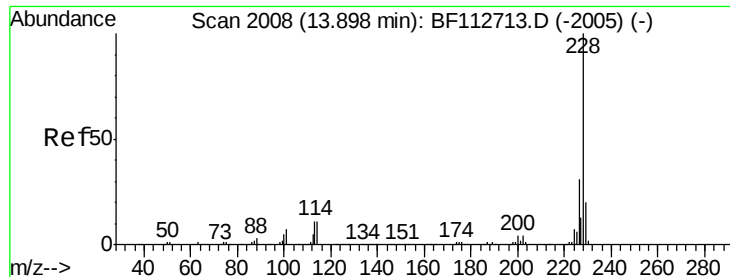
Ion Ratio Lower Upper

252 100

254 64.6 51.1 76.7

126 8.8 9.9 14.9#





#83

Chrysene

Concen: 34.634 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

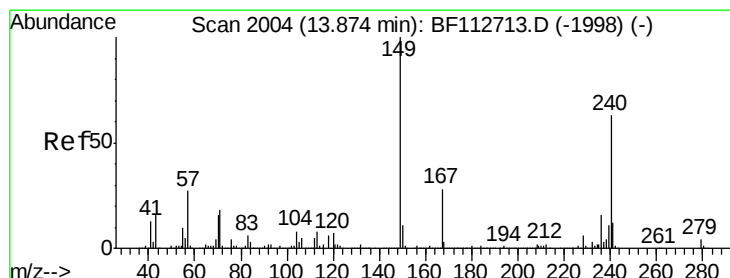
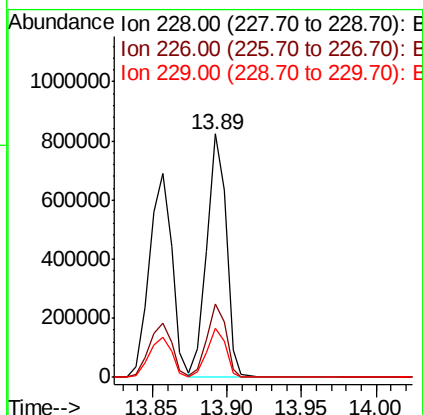
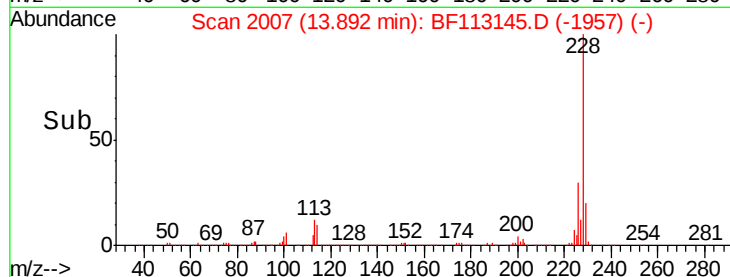
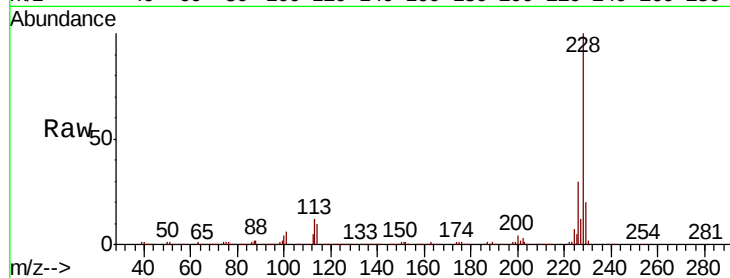
Tgt Ion:228 Resp: 739344

Ion Ratio Lower Upper

228 100

226 30.0 24.9 37.3

229 20.1 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.162 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

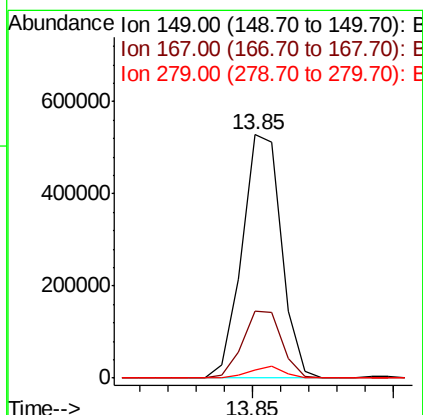
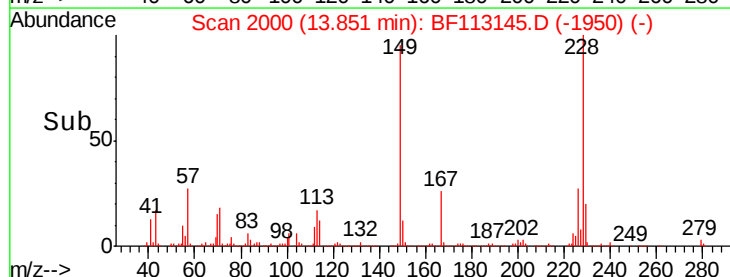
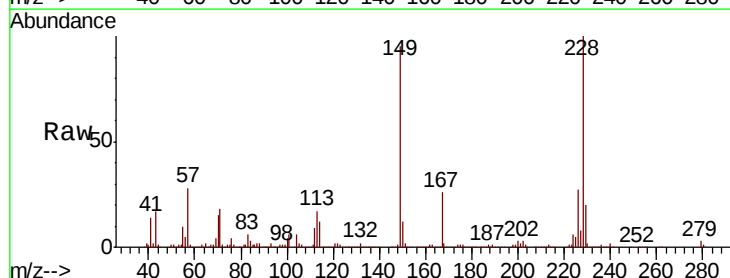
Tgt Ion:149 Resp: 510035

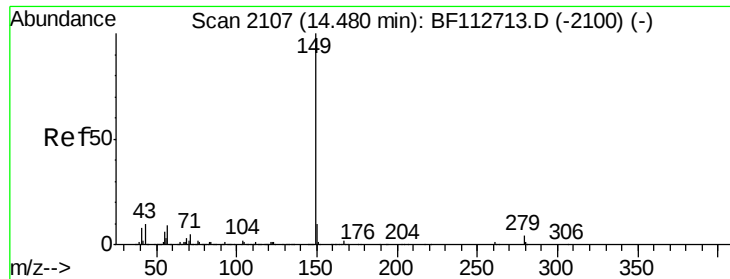
Ion Ratio Lower Upper

149 100

167 27.4 22.4 33.6

279 3.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 37.798 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

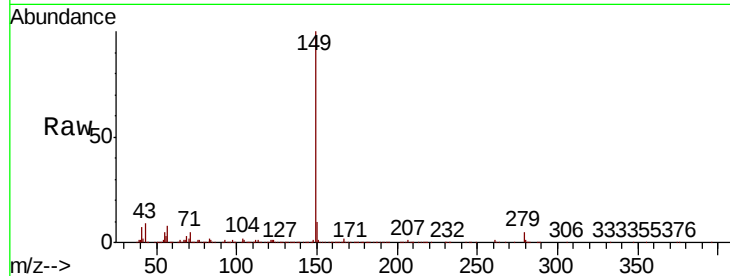
Tgt Ion:149 Resp: 890797

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

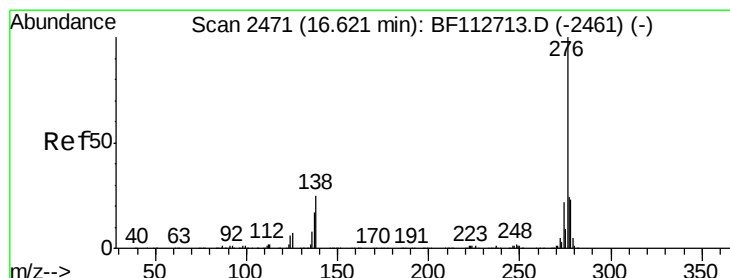
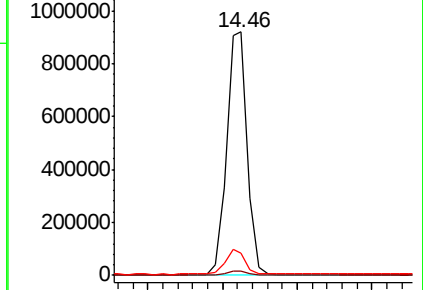
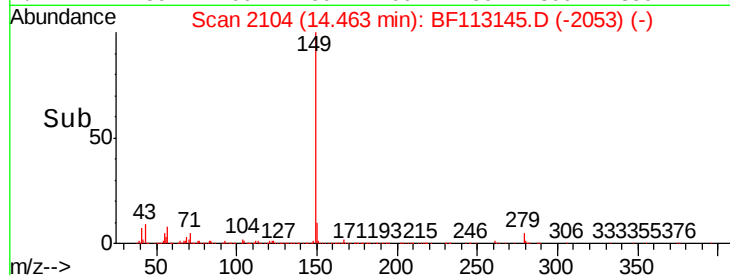
43 9.9 9.0 13.4



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: 38.017 ng

RT: 16.64 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

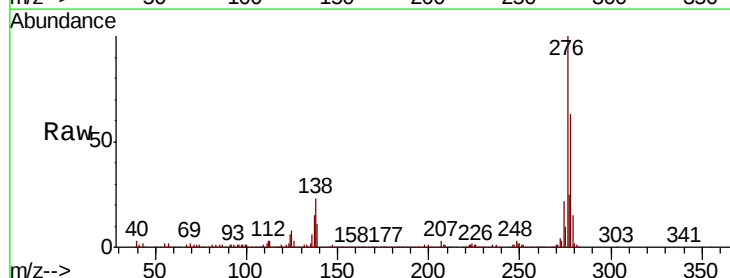
Tgt Ion:276 Resp: 691886

Ion Ratio Lower Upper

276 100

138 23.5 23.2 34.8

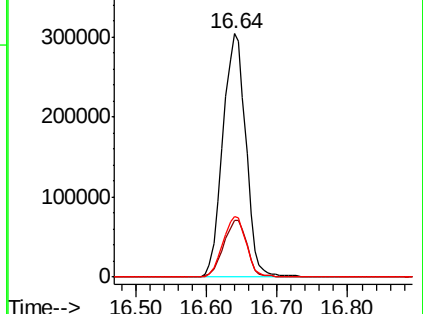
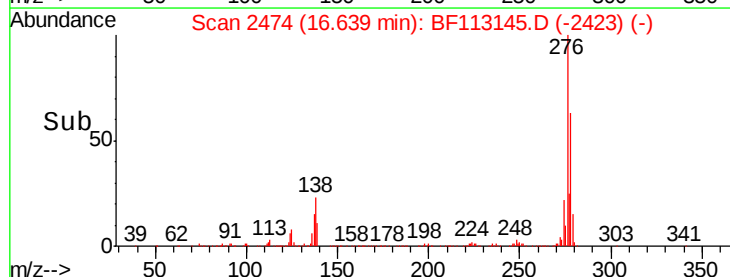
277 25.3 19.9 29.9

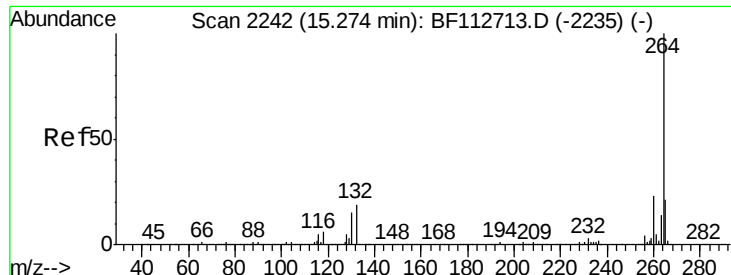


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

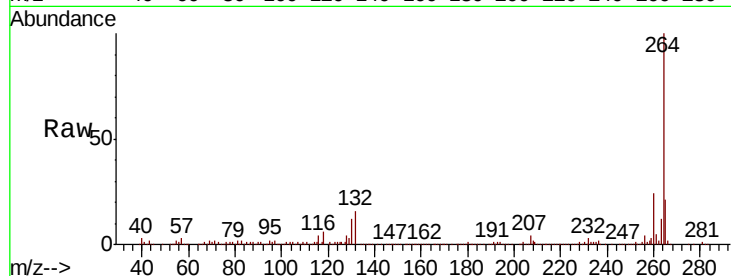
Tgt Ion:264 Resp: 275976

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

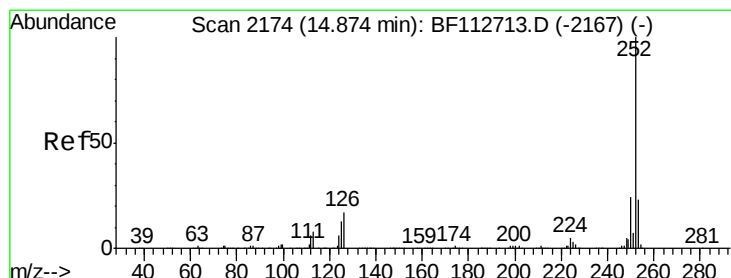
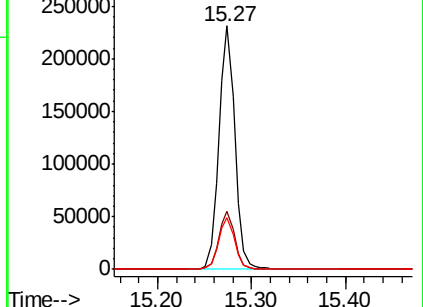
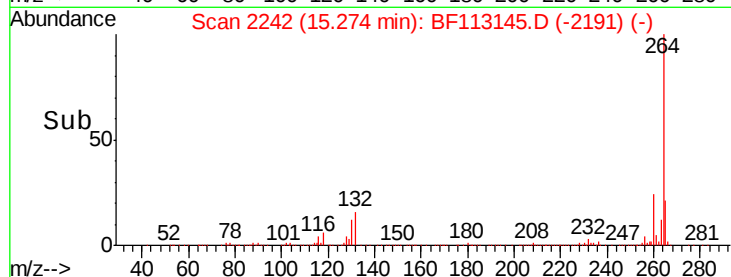
265 21.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.658 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

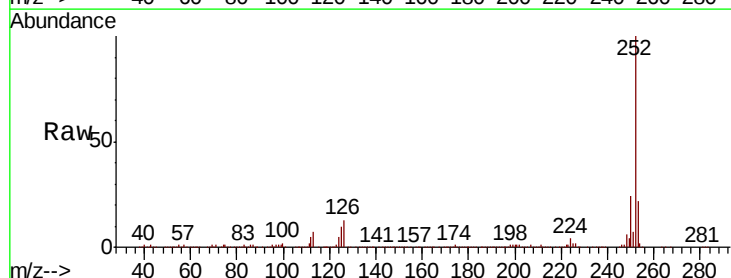
Tgt Ion:252 Resp: 654372

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

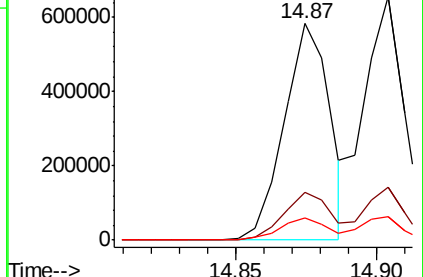
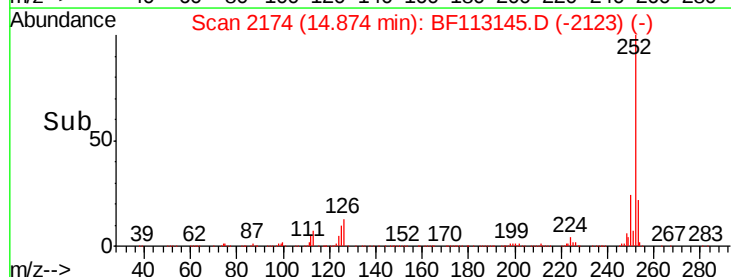
125 10.2 10.2 15.2

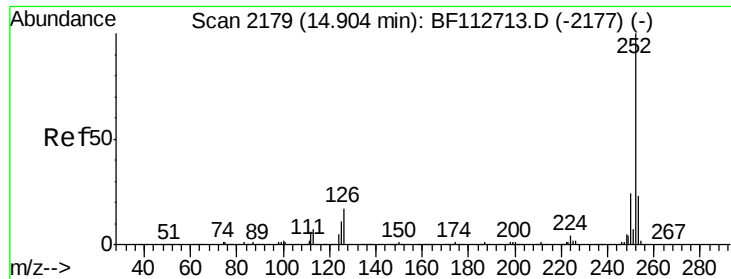


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.470 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.03 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

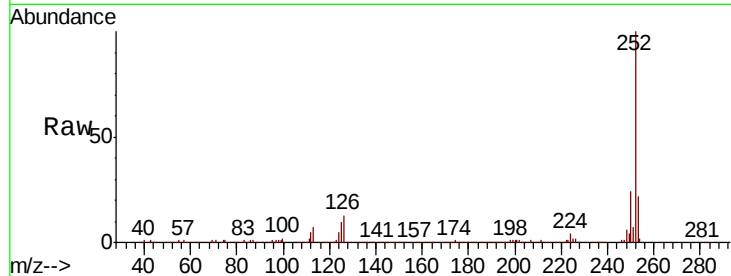
Tgt Ion:252 Resp: 654372

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

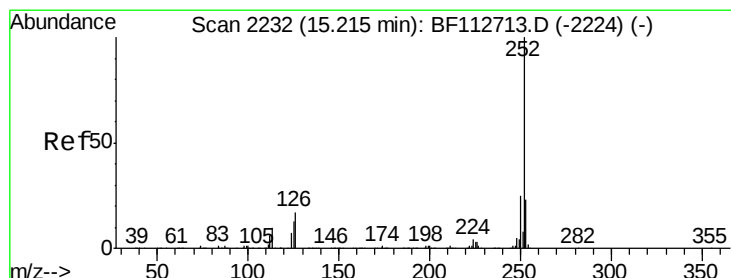
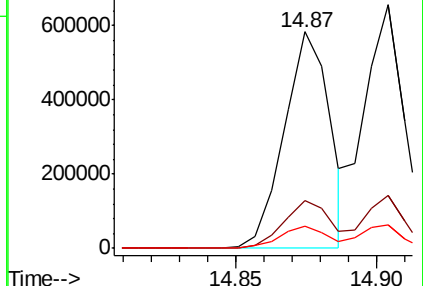
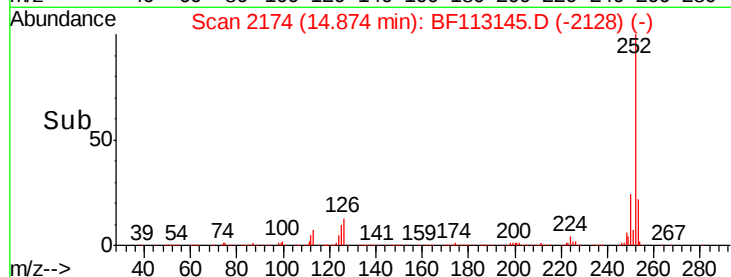
125 10.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.228 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

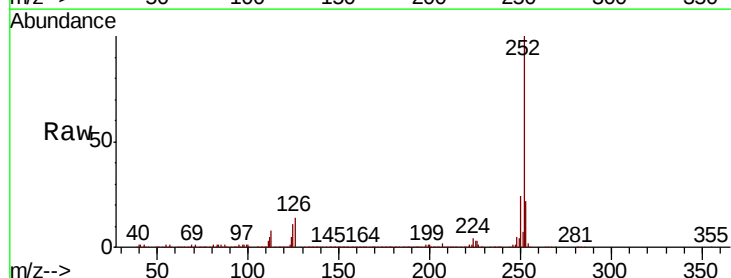
Tgt Ion:252 Resp: 603596

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

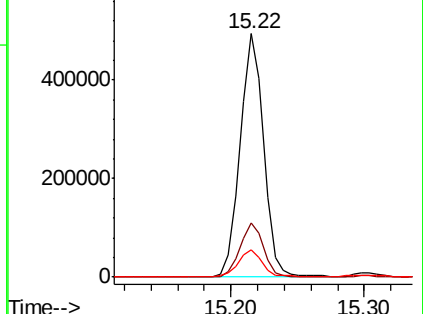
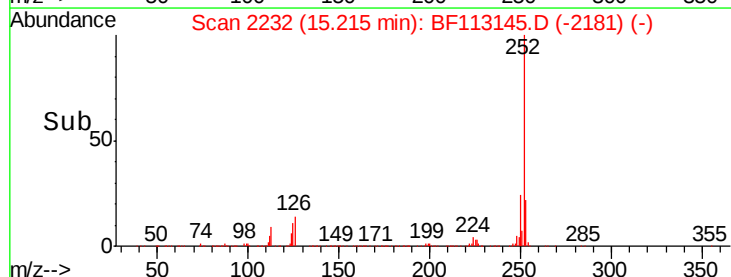
125 11.1 10.7 16.1

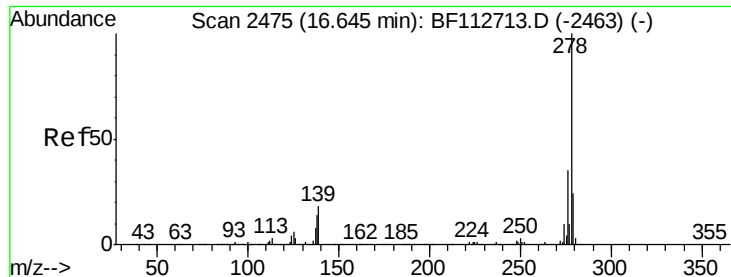


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.059 ng

RT: 16.65 min Scan# 2476

Delta R.T. -0.00 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

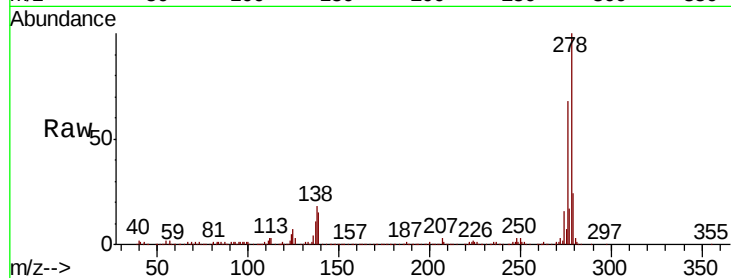
Tgt Ion:278 Resp: 580154

Ion Ratio Lower Upper

278 100

139 15.5 14.3 21.5

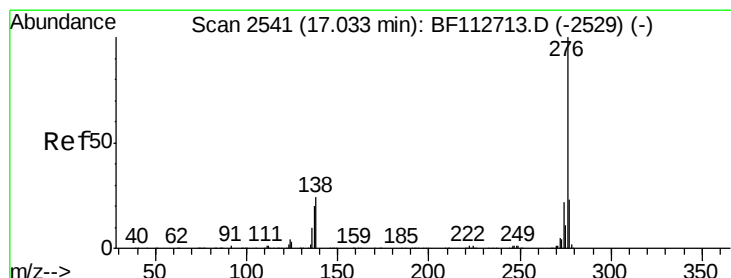
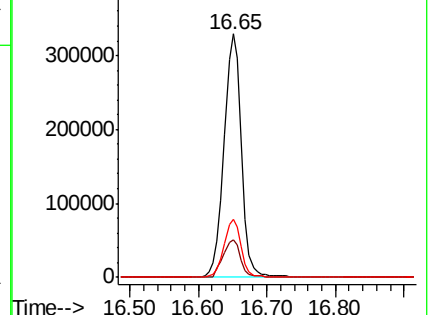
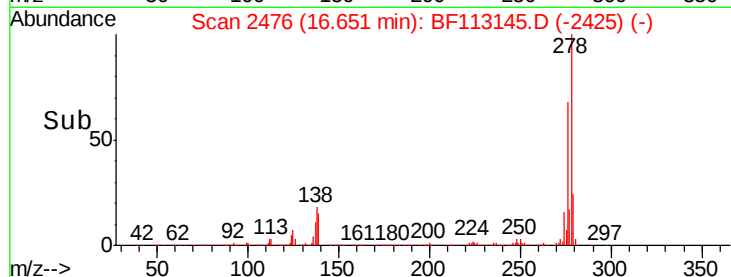
279 23.7 19.4 29.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.680 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.00 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

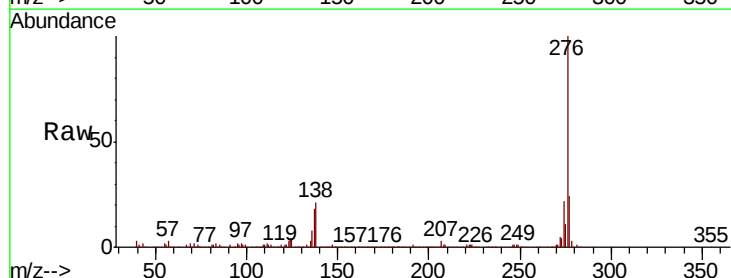
Tgt Ion:276 Resp: 550359

Ion Ratio Lower Upper

276 100

277 24.2 18.6 27.8

138 20.5 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

