

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
 Data File : BF113323.D
 Acq On : 27 Mar 2019 11:03
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 28 01:03:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	189915	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	740551	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	353340	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	695207	20.00	ng	0.00
76) Chrysene-d12	13.84	240	565559	20.00	ng	0.00
87) Perylene-d12	15.24	264	555094	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	899741	77.47	ng	0.00
7) Phenol-d6	6.36	99	1124395	76.52	ng	0.00
23) Nitrobenzene-d5	7.27	82	1046187	83.85	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	347530	79.63	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1791298	78.01	ng	0.00
79) Terphenyl-d14	12.80	244	1929398	75.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	224475	38.092	ng	99
3) Pyridine	3.07	79	573983	39.510	ng	96
4) n-Nitrosodimethylamine	3.02	42	252526	39.101	ng	91
6) Aniline	6.37	93	701572	39.209	ng	99
8) 2-Chlorophenol	6.49	128	527174	39.085	ng	98
9) Benzaldehyde	6.25	77	381848	38.728	ng	99
10) Phenol	6.37	94	637897	38.028	ng	99
11) bis(2-Chloroethyl)ether	6.45	93	497858	38.719	ng	99
12) 1,3-Dichlorobenzene	6.65	146	561367	38.612	ng	99
13) 1,4-Dichlorobenzene	6.72	146	563850	40.167	ng	99
14) 1,2-Dichlorobenzene	6.87	146	516925	37.430	ng	99
15) Benzyl Alcohol	6.86	79	383102	39.522	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	773432	40.040	ng	100
17) 2-Methylphenol	6.97	107	420657	39.797	ng	97
18) Hexachloroethane	7.22	117	204014	40.463	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	337182	36.533	ng	99
20) 3+4-Methylphenols	7.13	107	489334	39.366	ng	97
22) Acetophenone	7.12	105	664522	39.347	ng	# 97
24) Nitrobenzene	7.29	77	543493	41.744	ng	98
25) Isophorone	7.53	82	977315	40.419	ng	99
26) 2-Nitrophenol	7.60	139	294595	42.807	ng	97
27) 2,4-Dimethylphenol	7.65	122	406658	41.078	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	627573	41.215	ng	99
29) 2,4-Dichlorophenol	7.86	162	444094	41.396	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	471720	40.755	ng	97
31) Naphthalene	8.01	128	1460620	40.361	ng	100
32) Benzoic acid	7.80	122	250707	31.461	ng	99
33) 4-Chloroaniline	8.06	127	610952	43.294	ng	99
34) Hexachlorobutadiene	8.13	225	280094	40.716	ng	99
35) Caprolactam	8.45	113	146859	42.654	ng	99
36) 4-Chloro-3-methylphenol	8.56	107	453480	42.027	ng	97
37) 2-Methylnaphthalene	8.70	142	944517	41.829	ng	99
38) 1-Methylnaphthalene	8.80	142	916745	42.208	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	451818	39.835	ng	99

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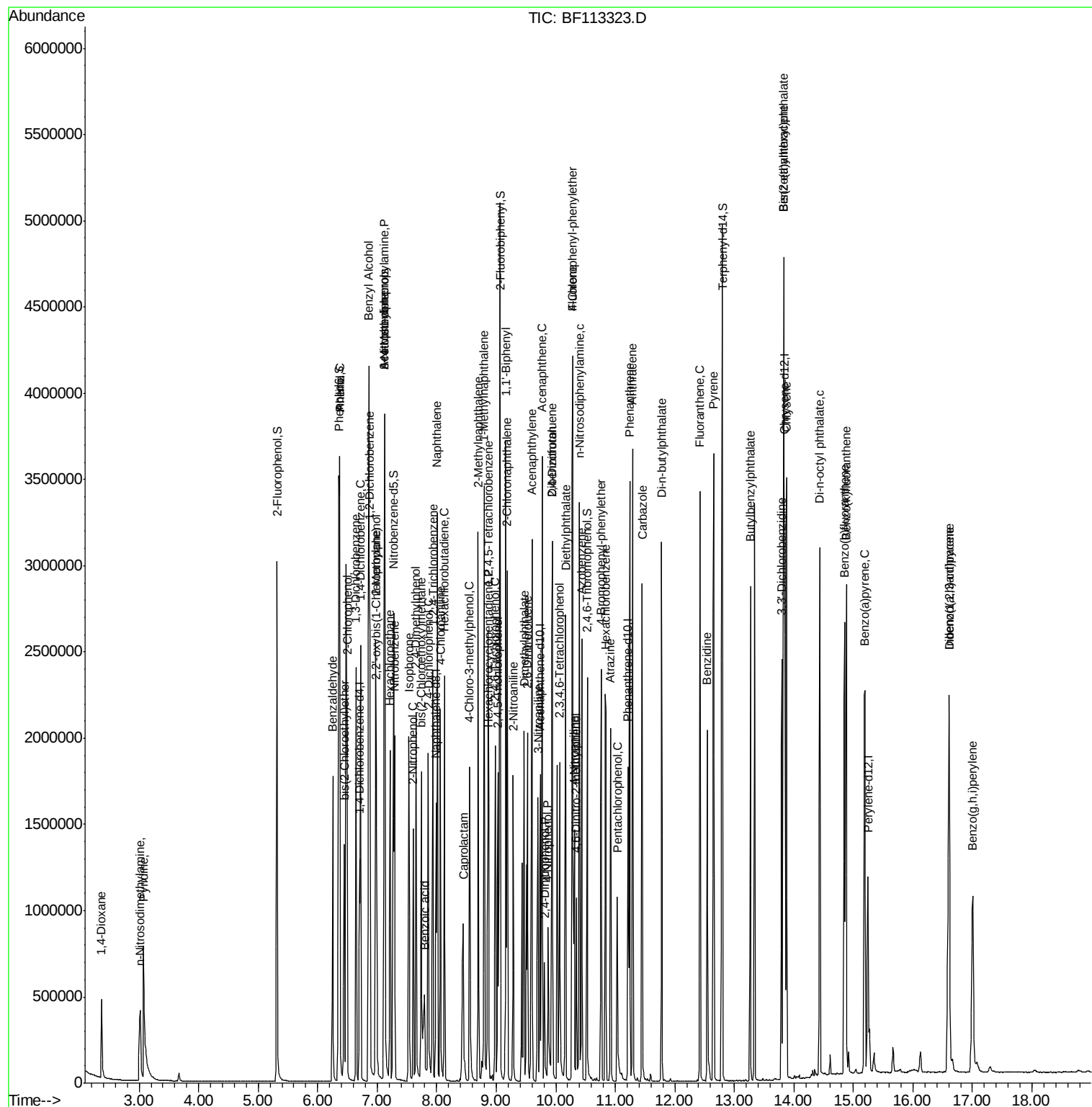
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	172328	35.895	ng	99
43) 2,4,6-Trichlorophenol	8.99	196	293492	39.737	ng	100
44) 2,4,5-Trichlorophenol	9.03	196	325433	39.813	ng	99
46) 1,1'-Biphenyl	9.16	154	1166847	39.540	ng	99
47) 2-Chloronaphthalene	9.19	162	891515	39.236	ng	100
48) 2-Nitroaniline	9.29	65	289785	40.640	ng	99
49) Acenaphthylene	9.60	152	1482491	40.352	ng	100
50) Dimethylphthalate	9.47	163	1045797	39.938	ng	100
51) 2,6-Dinitrotoluene	9.53	165	239020	40.462	ng	99
52) Acenaphthene	9.77	154	827179	39.980	ng	100
53) 3-Nitroaniline	9.70	138	275854	41.408	ng	96
54) 2,4-Dinitrophenol	9.81	184	109637	37.316	ng	89
55) Dibenzofuran	9.95	168	1235526	39.723	ng	99
56) 4-Nitrophenol	9.87	139	195722	41.210	ng	96
57) 2,4-Dinitrotoluene	9.93	165	301622	40.150	ng	99
58) Fluorene	10.29	166	936634	38.764	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	273302	39.539	ng	98
60) Diethylphthalate	10.16	149	988387	38.477	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	465134	39.497	ng	97
62) 4-Nitroaniline	10.31	138	286648	41.792	ng	98
63) Azobenzene	10.44	77	966130	39.955	ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	148828	39.133	ng	93
66) n-Nitrosodiphenylamine	10.40	169	849628	39.828	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	312999	41.308	ng	99
68) Hexachlorobenzene	10.84	284	360196	40.954	ng	99
69) Atrazine	10.93	200	276233	41.025	ng	98
70) Pentachlorophenol	11.03	266	196848	42.958	ng	100
71) Phenanthrene	11.24	178	1399823	40.546	ng	100
72) Anthracene	11.29	178	1418982	40.464	ng	99
73) Carbazole	11.45	167	1391505	41.585	ng	99
74) Di-n-butylphthalate	11.78	149	1536840	39.605	ng	100
75) Fluoranthene	12.42	202	1540536	39.472	ng	99
77) Benzidine	12.54	184	855113	39.483	ng	98
78) Pyrene	12.65	202	1578968	40.289	ng	99
80) Butylbenzylphthalate	13.27	149	662217	38.340	ng	98
81) Benzo(a)anthracene	13.83	228	1283741	39.654	ng	100
82) 3,3'-Dichlorobenzidine	13.80	252	560997	43.196	ng	99
83) Chrysene	13.87	228	1341726	40.803	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	788619	37.245	ng	99
85) Di-n-octyl phthalate	14.43	149	1475850	41.063	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1169063	41.426	ng	98
88) Benzo(b)fluoranthene	14.85	252	1322710	38.359	ng	99
89) Benzo(k)fluoranthene	14.88	252	1209233	39.933	ng	99
90) Benzo(a)pyrene	15.19	252	1202226	39.327	ng	99
91) Dibenzo(a,h)anthracene	16.62	278	966151	36.552	ng	99
92) Benzo(g,h,i)perylene	17.00	276	941106	35.311	ng	98

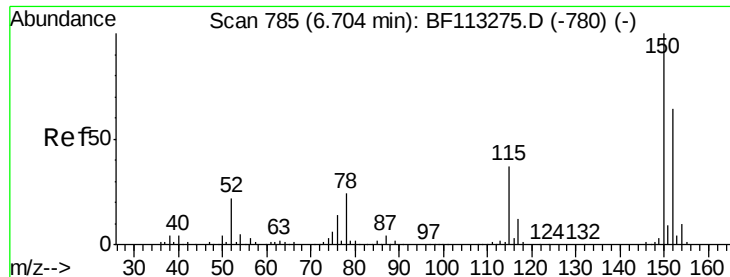
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

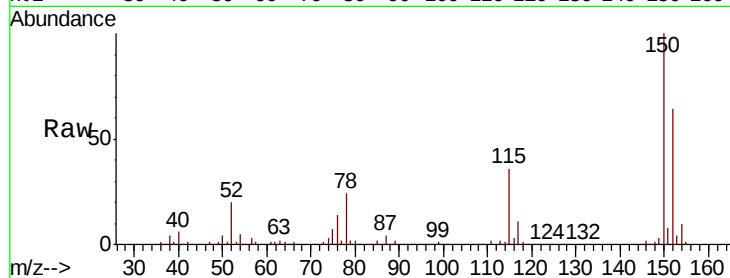
Tgt Ion:152 Resp: 189915

Ion Ratio Lower Upper

152 100

150 156.7 124.7 187.1

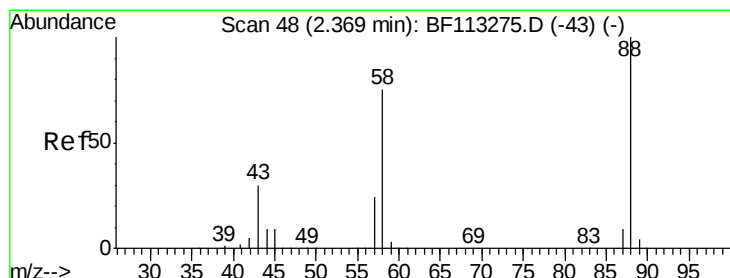
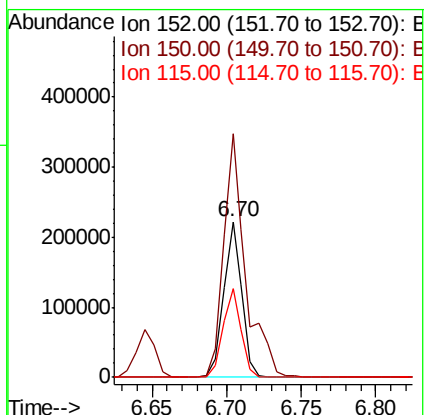
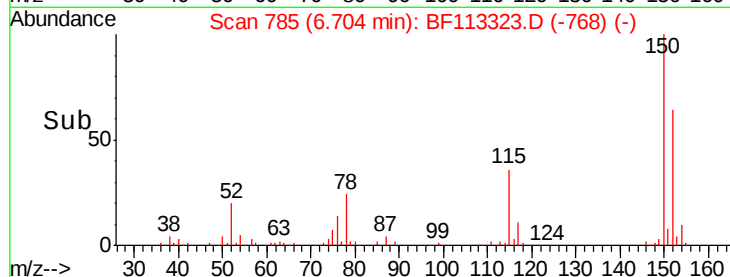
115 57.1 46.0 69.0



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: 38.092 ng

RT: 2.37 min Scan# 48

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

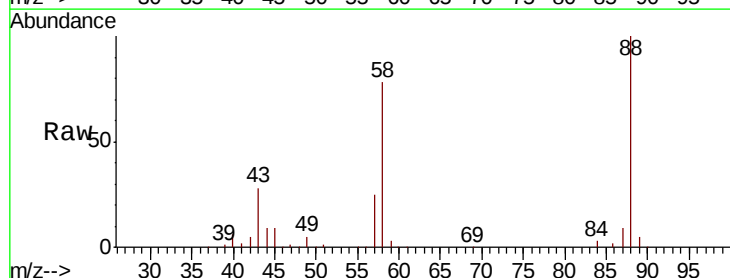
Tgt Ion: 88 Resp: 224475

Ion Ratio Lower Upper

88 100

58 77.2 61.9 92.9

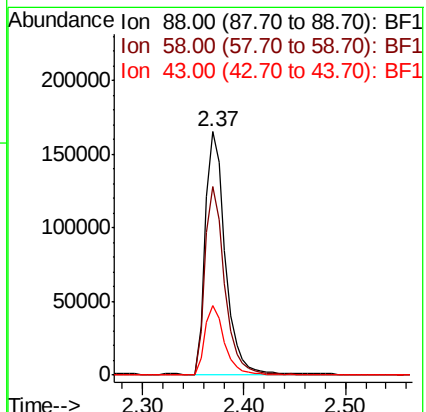
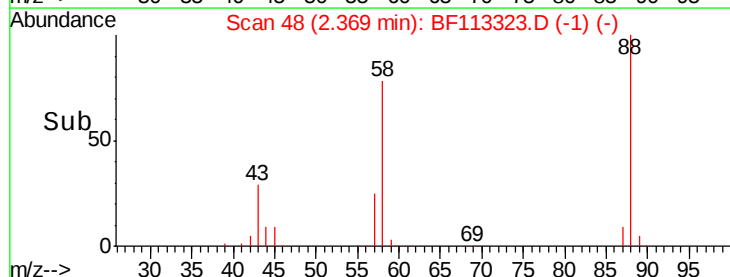
43 28.5 24.2 36.4

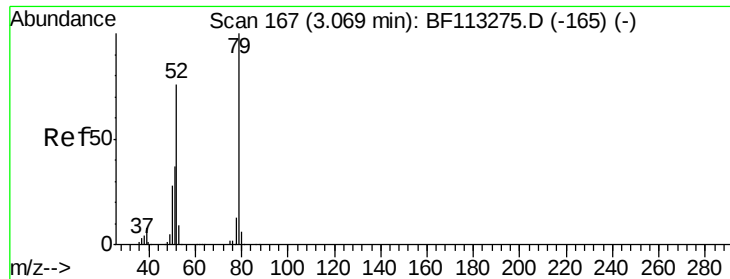


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 39.510 ng

RT: 3.07 min Scan# 167

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

Instrument :

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SSTDCCC040

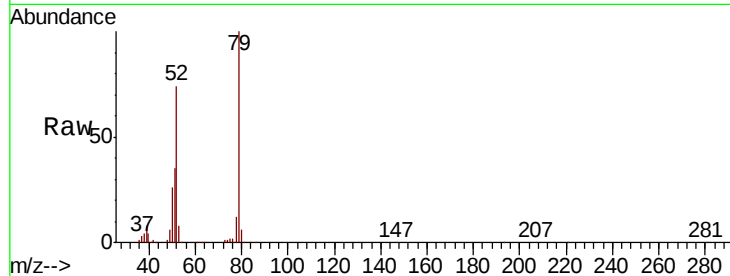
Tgt Ion: 79 Resp: 573983

Ion Ratio Lower Upper

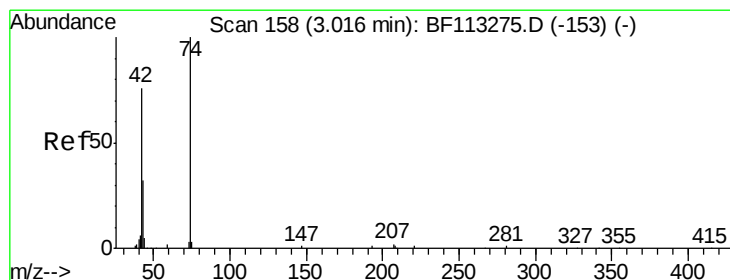
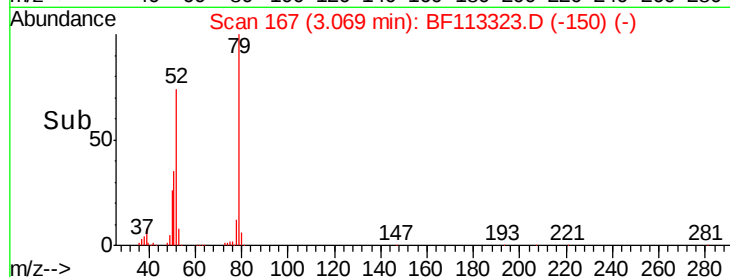
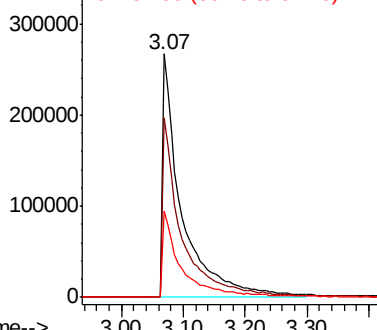
79 100

52 73.6 61.0 91.4

51 35.4 30.6 45.8



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: 39.101 ng

RT: 3.02 min Scan# 158

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

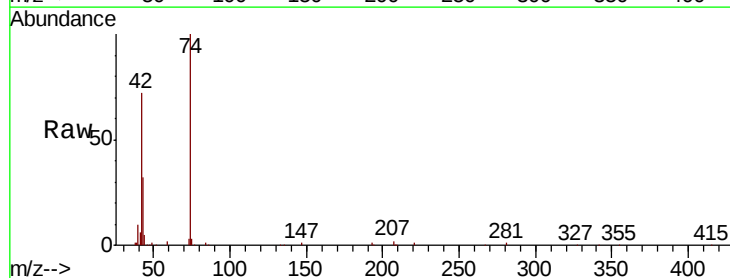
Tgt Ion: 42 Resp: 252526

Ion Ratio Lower Upper

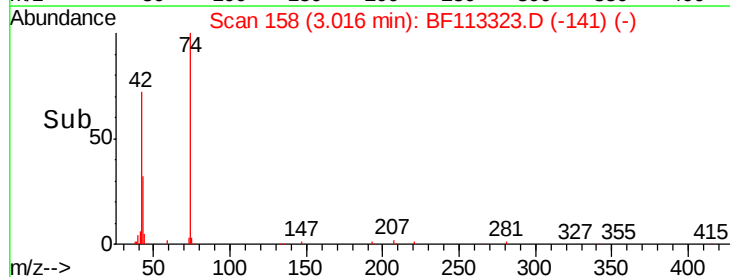
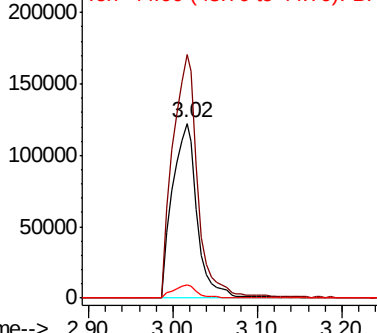
42 100

74 139.3 102.4 153.6

44 7.3 5.5 8.3



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





#5

2-Fluorophenol

Concen: 77.465 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.00 min

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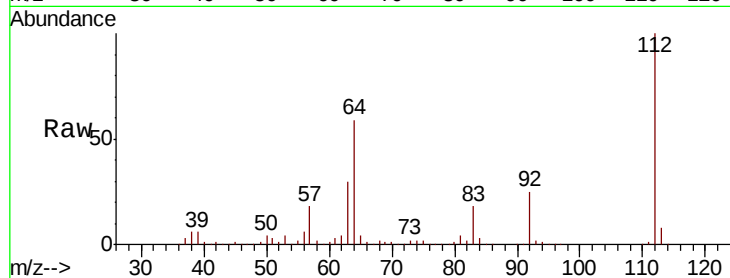
Tgt Ion: 112 Resp: 899741

Ion Ratio Lower Upper

112 100

64 59.2 49.2 73.8

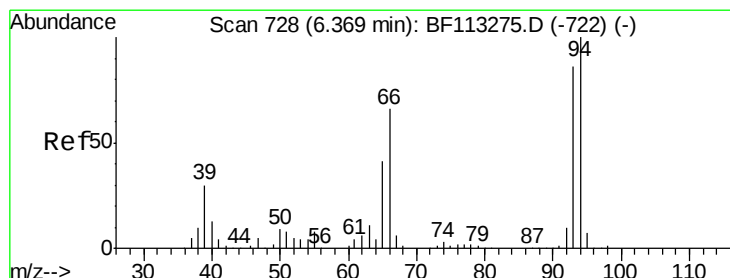
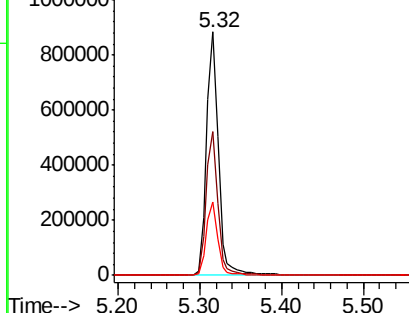
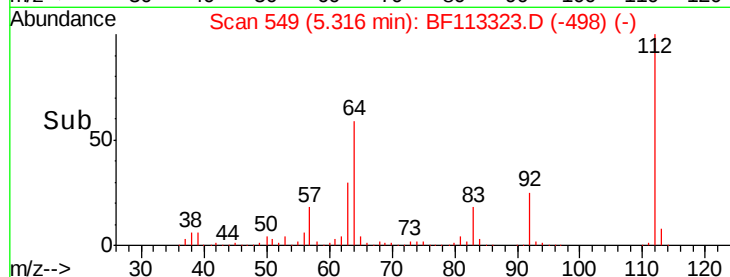
63 30.2 24.9 37.3



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: 39.209 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

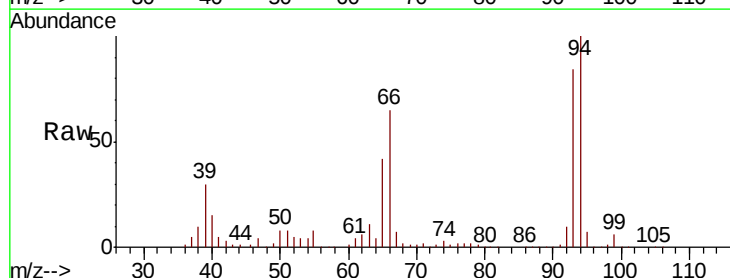
Tgt Ion: 93 Resp: 701572

Ion Ratio Lower Upper

93 100

66 76.9 62.1 93.1

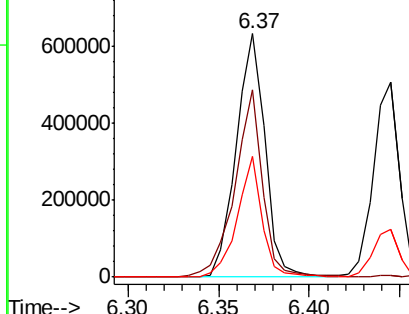
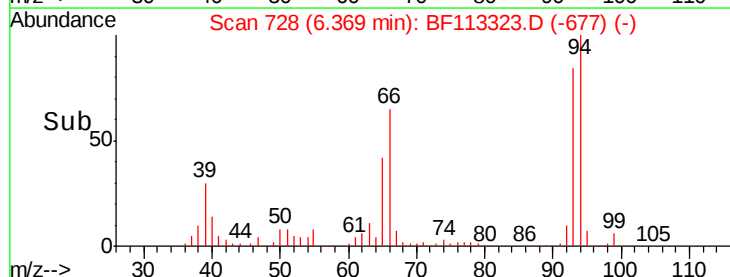
65 49.5 38.7 58.1



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: 76.524 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

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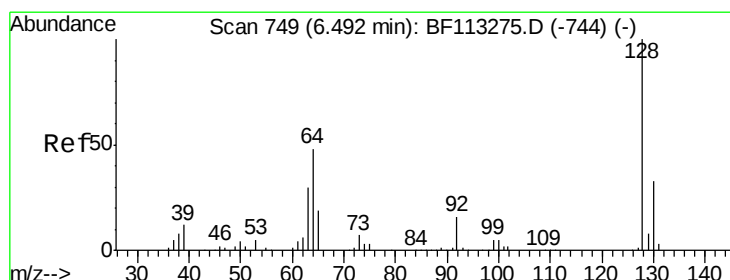
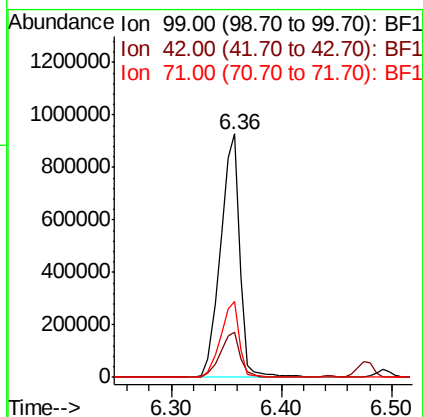
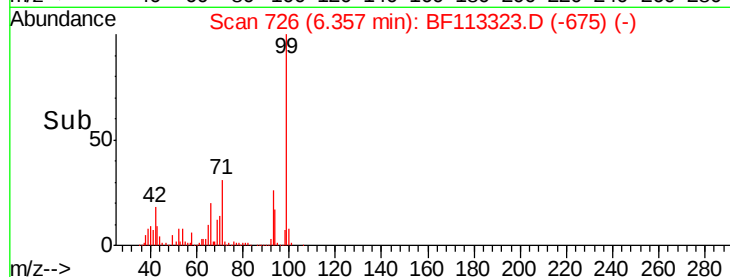
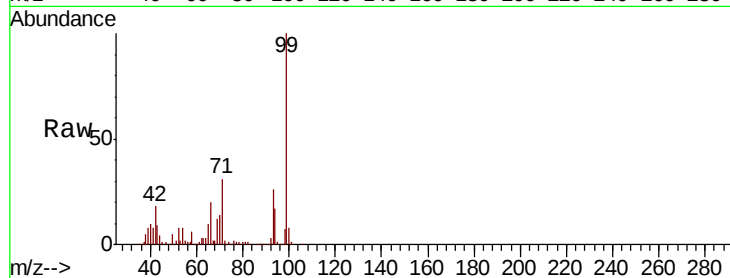
Tgt Ion: 99 Resp: 1124395

Ion Ratio Lower Upper

99 100

42 18.4 14.8 22.2

71 31.2 24.9 37.3



#8

2-Chlorophenol

Concen: 39.085 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

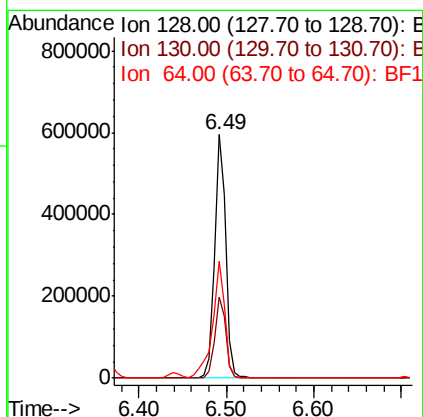
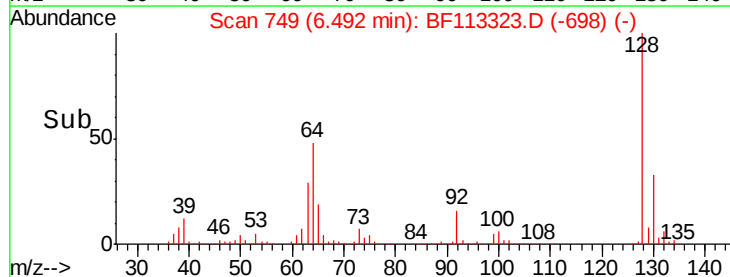
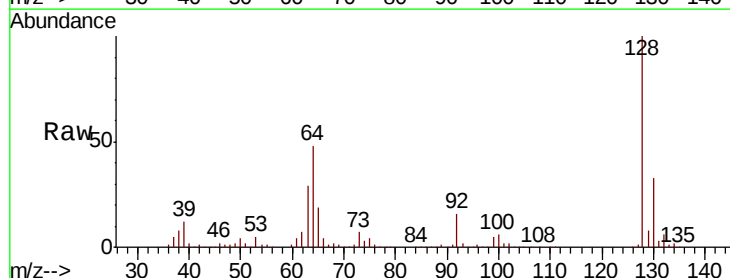
Tgt Ion: 128 Resp: 527174

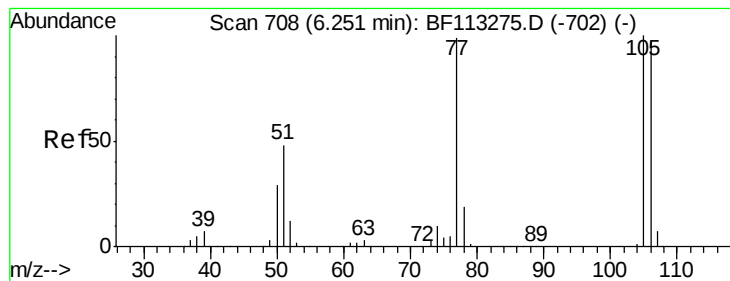
Ion Ratio Lower Upper

128 100

130 33.3 12.6 52.6

64 47.9 29.4 69.4





#9

Benzaldehyde

Concen: 38.728 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

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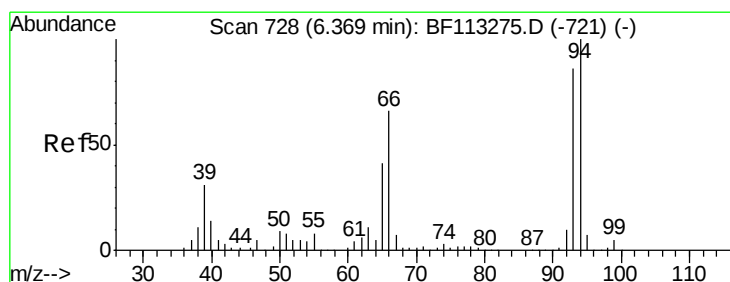
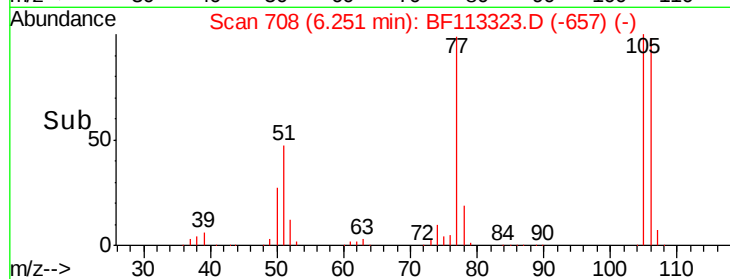
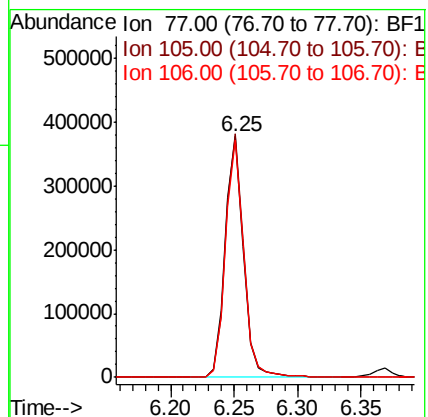
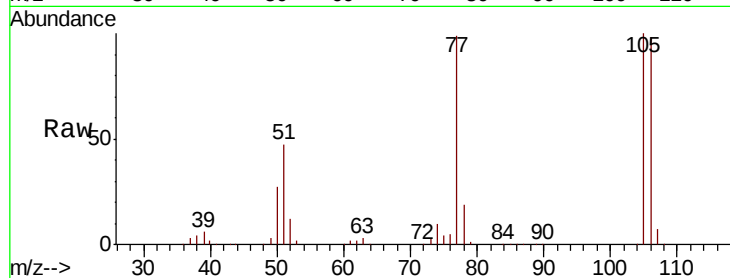
Tgt Ion: 77 Resp: 381848

Ion Ratio Lower Upper

77 100

105 101.3 80.9 120.9

106 98.9 77.8 117.8



#10

Phenol

Concen: 38.028 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

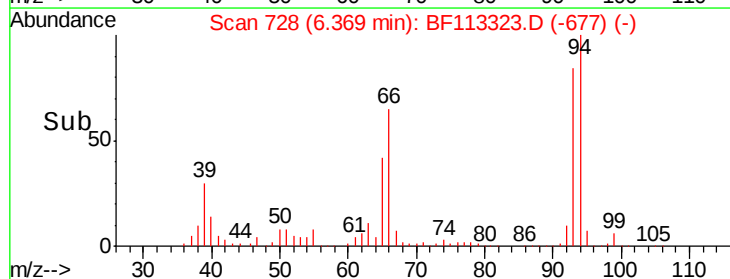
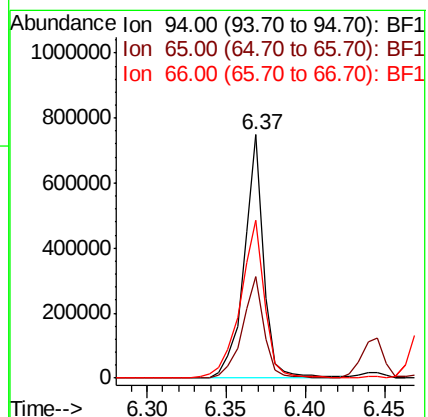
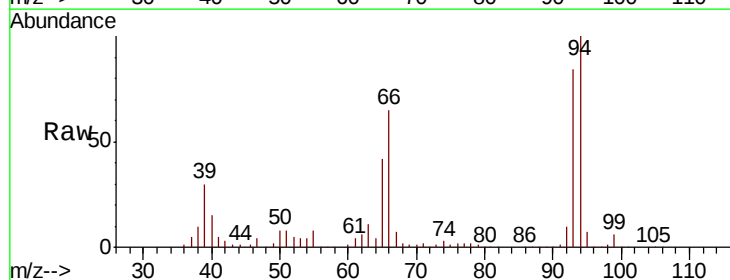
Tgt Ion: 94 Resp: 637897

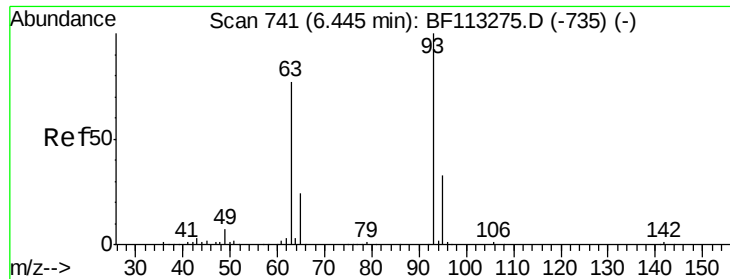
Ion Ratio Lower Upper

94 100

65 41.8 21.4 61.4

66 65.0 46.4 86.4

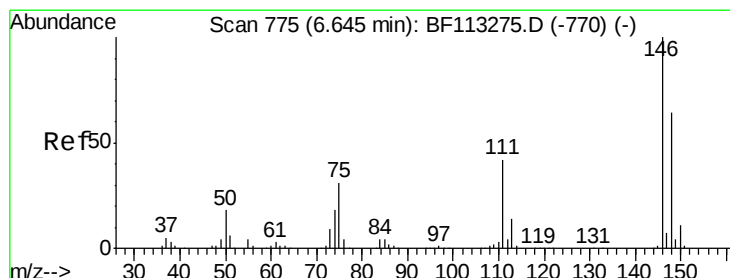
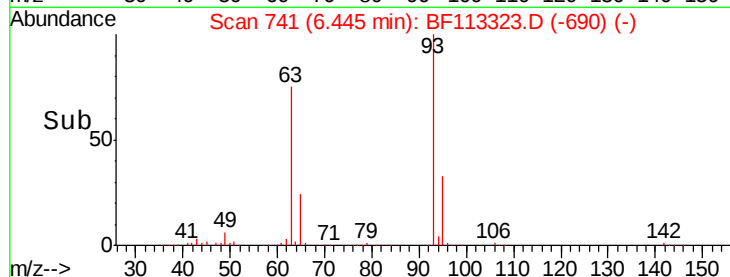
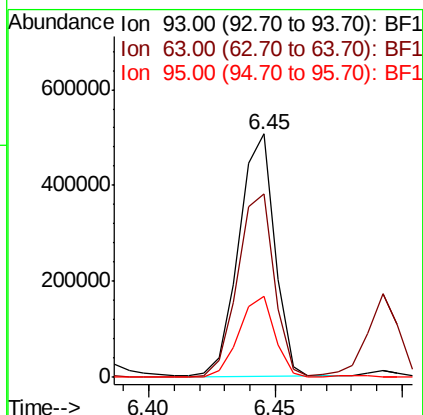
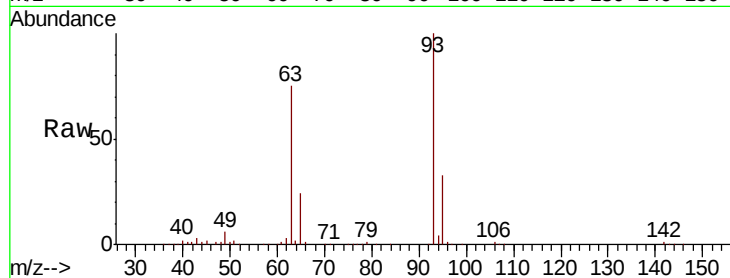




#11
bis(2-Chloroethyl)ether
Concen: 38.719 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

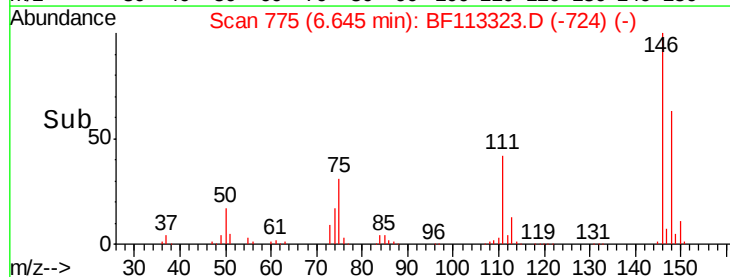
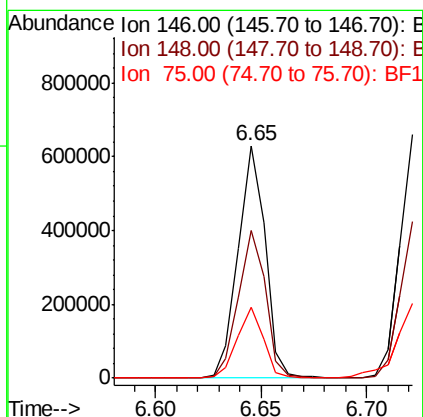
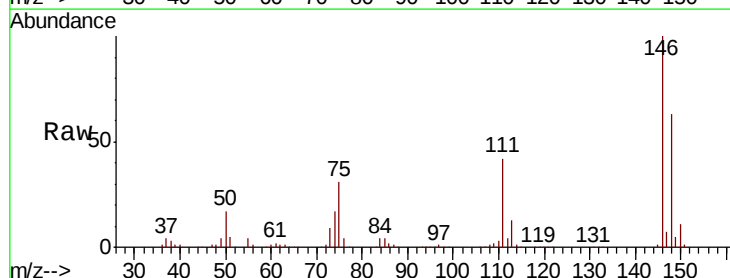
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

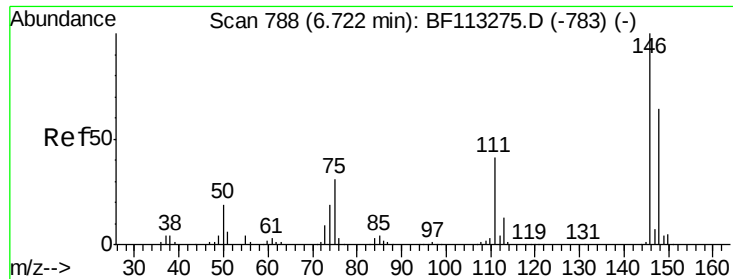
Tgt Ion: 93 Resp: 497858
Ion Ratio Lower Upper
93 100
63 75.2 56.1 96.1
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.612 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

Tgt Ion: 146 Resp: 561367
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.0
75 30.7 24.8 37.2

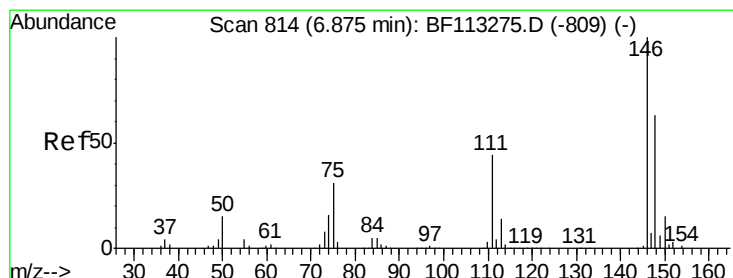
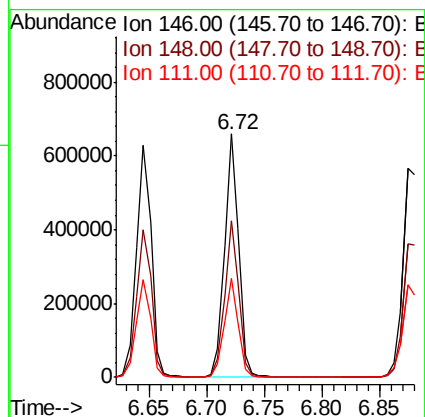
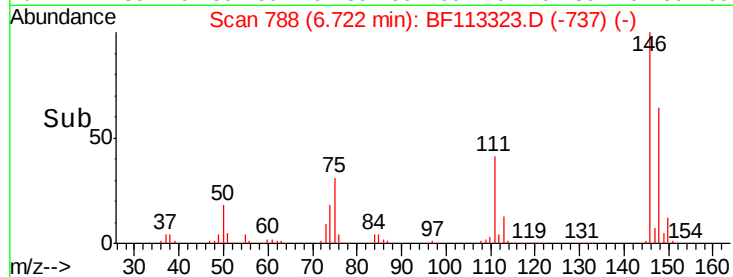
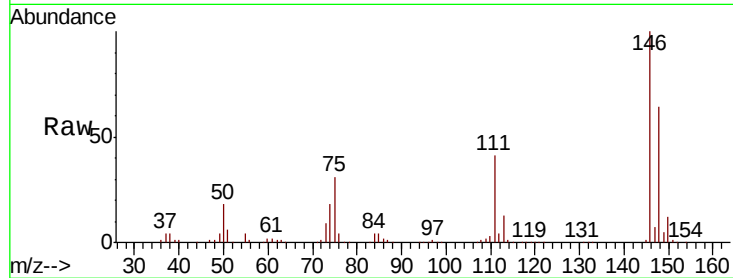




#13
 1,4-Dichlorobenzene
 Concen: 40.167 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

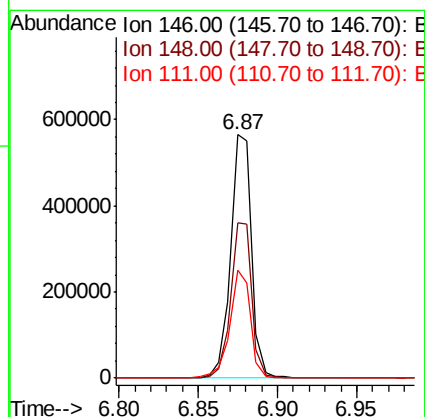
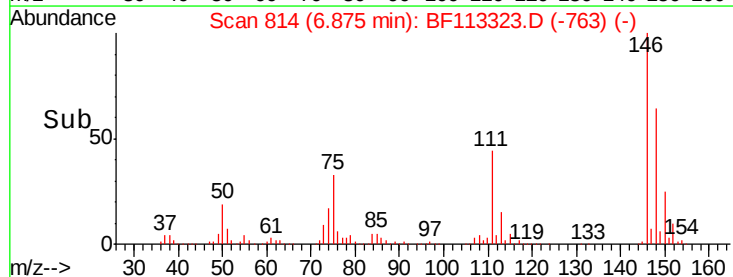
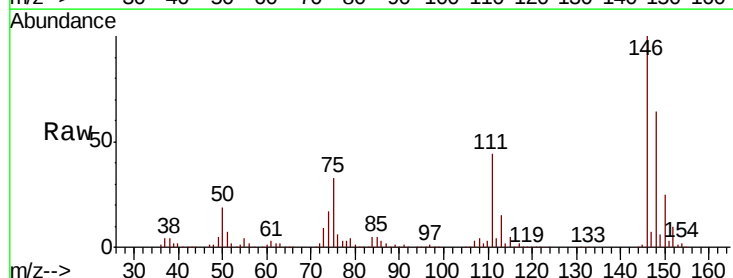
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 563850
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.1 76.7
 111 40.7 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 37.430 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

Tgt Ion:146 Resp: 516925
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.2 75.4
 111 44.4 35.4 53.2





#15

Benzyl Alcohol

Concen: 39.522 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

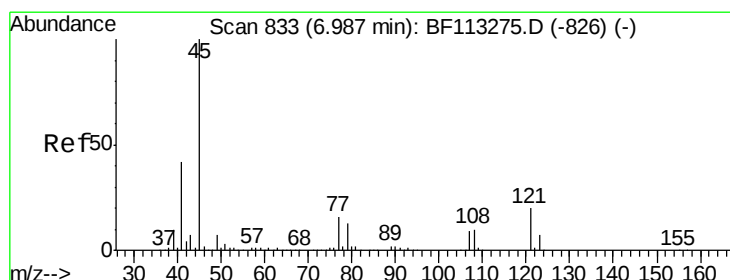
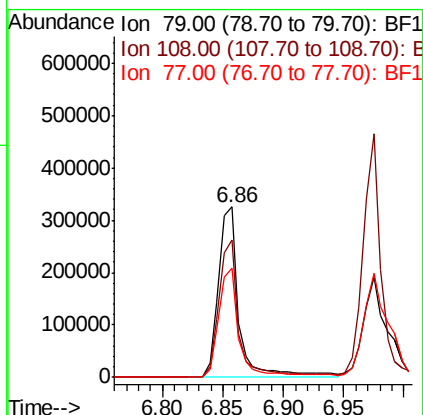
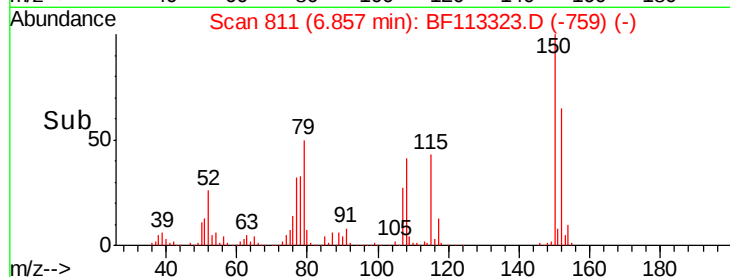
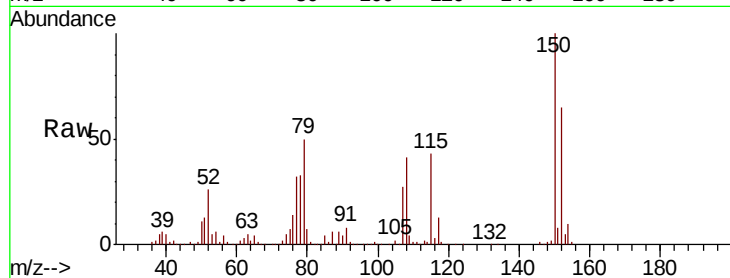
Tgt Ion: 79 Resp: 383102

Ion Ratio Lower Upper

79 100

108 80.4 62.0 93.0

77 63.8 49.9 74.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.040 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

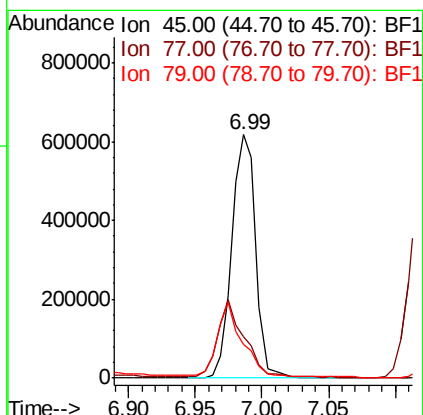
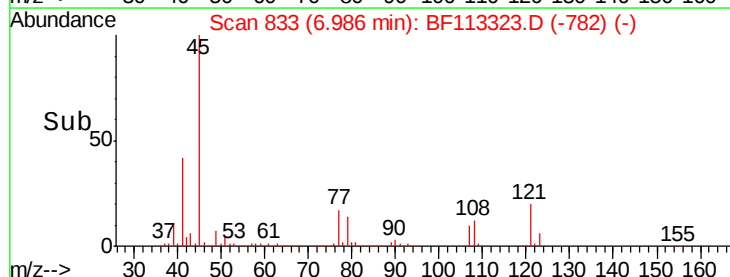
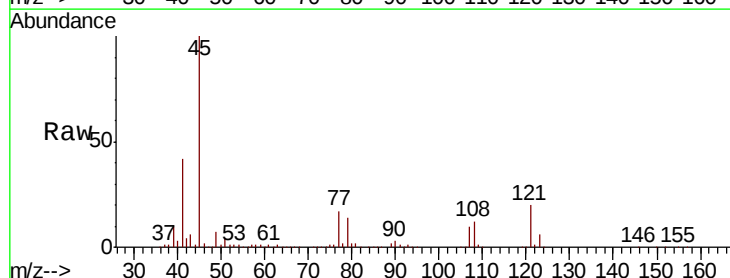
Tgt Ion: 45 Resp: 773432

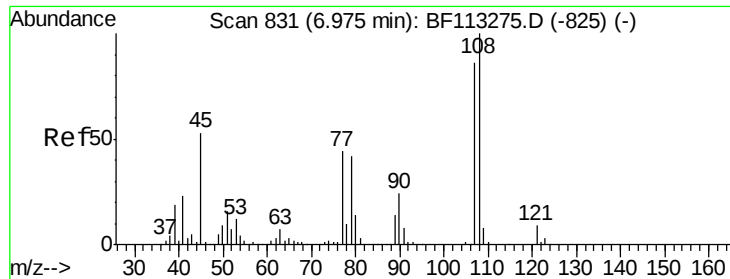
Ion Ratio Lower Upper

45 100

77 16.9 0.0 36.6

79 13.9 0.0 34.0

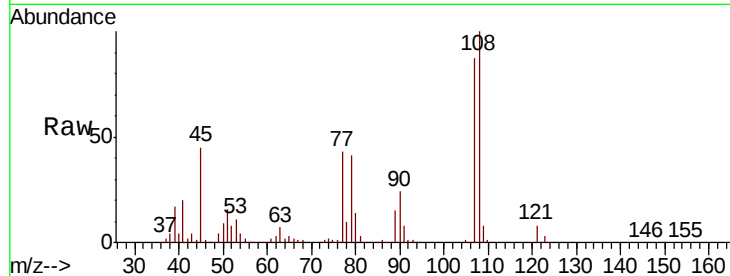




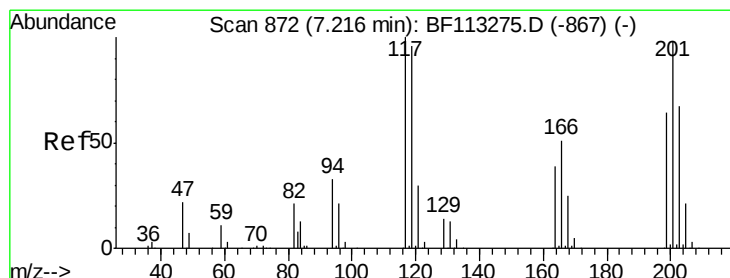
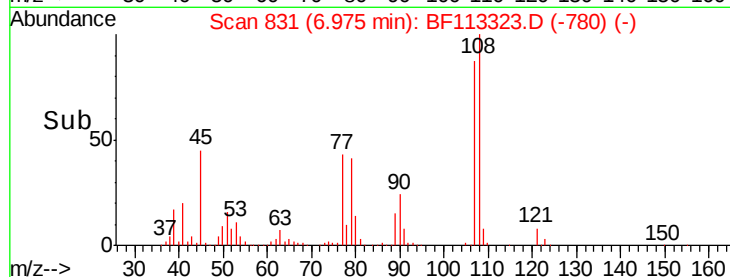
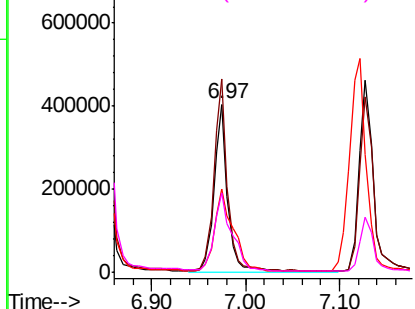
#17
2-Methylphenol
Concen: 39.797 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	420657
Ion	Ratio	Lower	Upper
107	100		
108	114.8	93.4	140.0
77	49.4	41.2	61.8
79	47.3	40.1	60.1

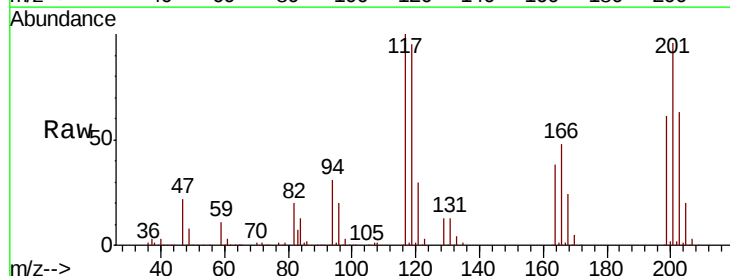


Abundance Ion 107.00 (106.70 to 107.70): E
800000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

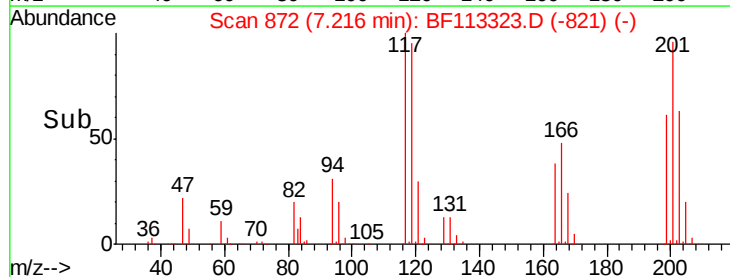
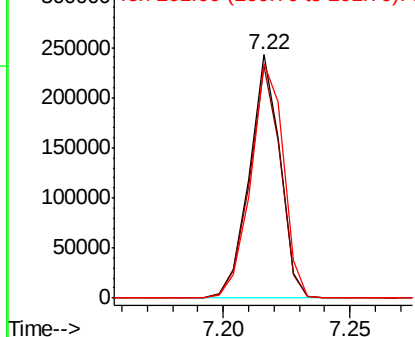


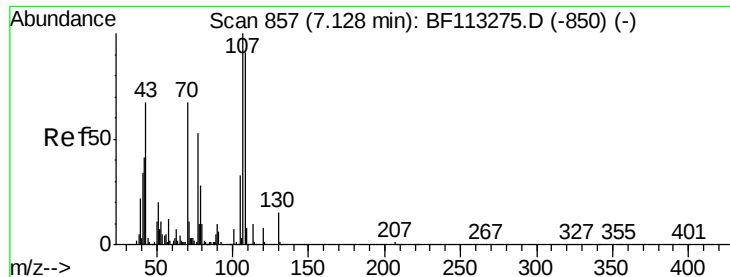
#18
Hexachloroethane
Concen: 40.463 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

Tgt Ion:	117	Resp:	204014
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.9	115.3
201	96.5	78.7	118.1



Abundance Ion 117.00 (116.70 to 117.70): E
300000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

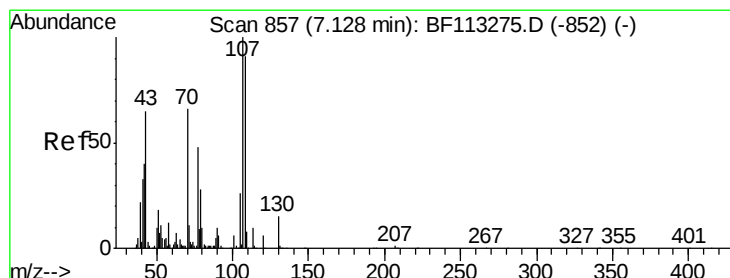
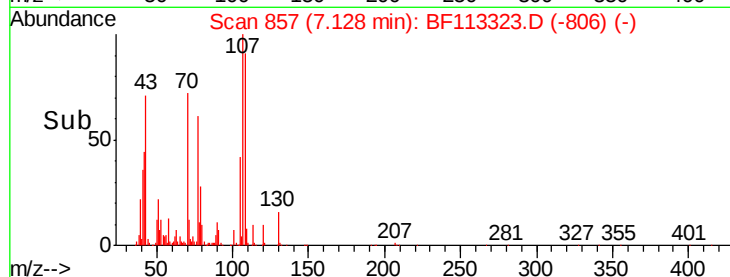
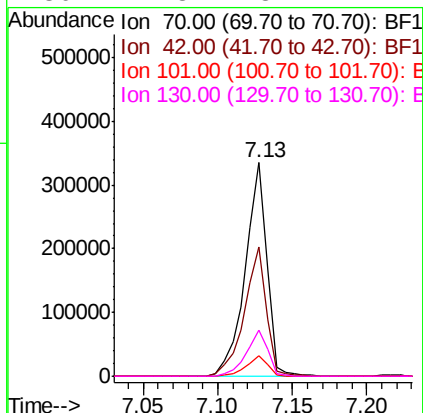
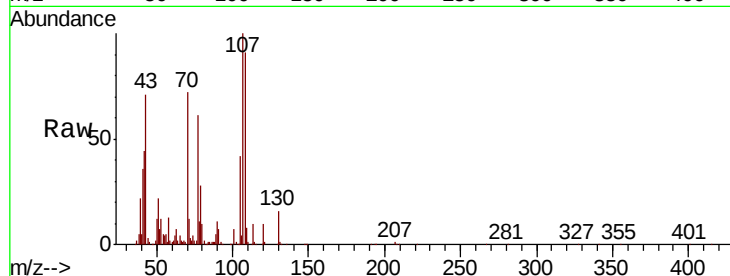




#19
n-Nitroso-di-n-propylamine
Concen: 36.533 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

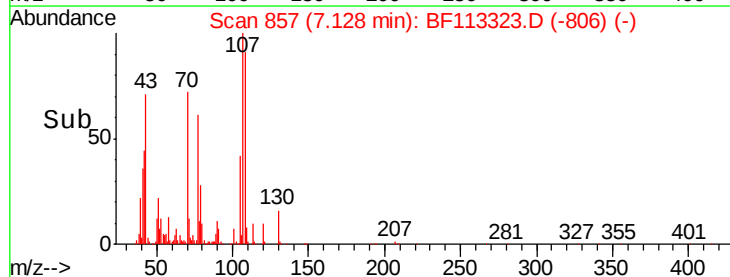
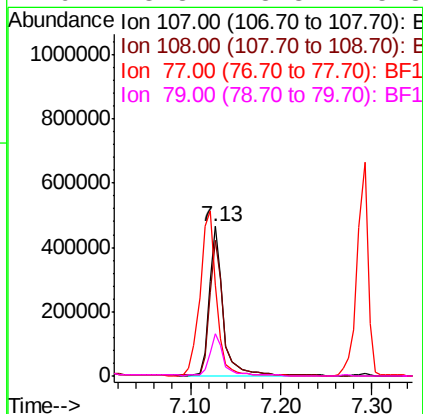
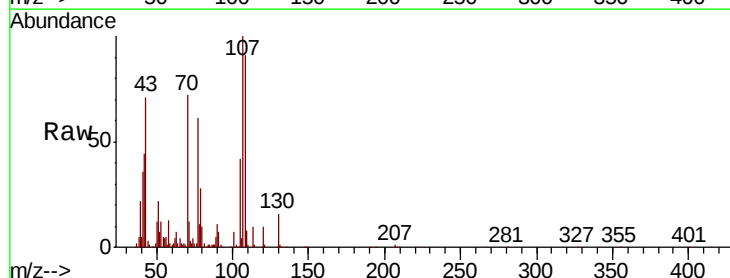
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

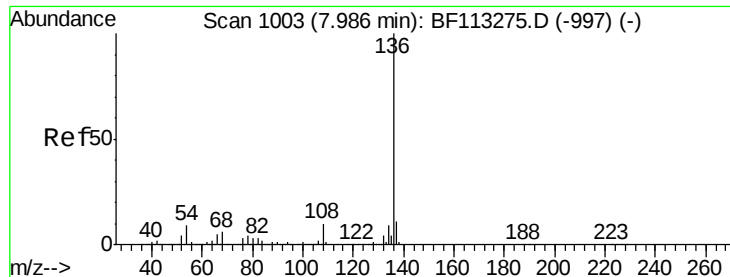
Tgt Ion:	70	Resp:	337182
Ion	Ratio	Lower	Upper
70	100		
42	60.4	48.4	72.6
101	9.6	7.8	11.8
130	21.8	18.2	27.4



#20
3+4-Methylphenols
Concen: 39.366 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

Tgt Ion:	107	Resp:	489334
Ion	Ratio	Lower	Upper
107	100		
108	91.4	71.4	111.4
77	60.9	33.5	73.5
79	28.3	8.3	48.3

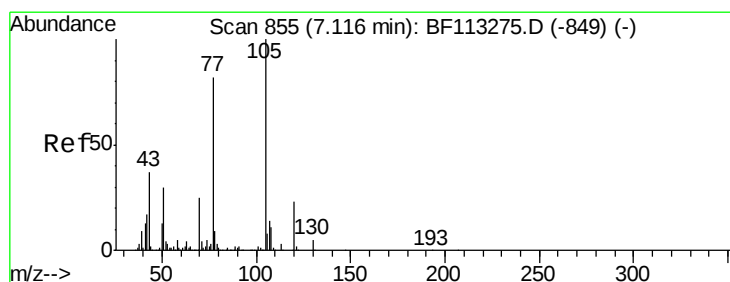
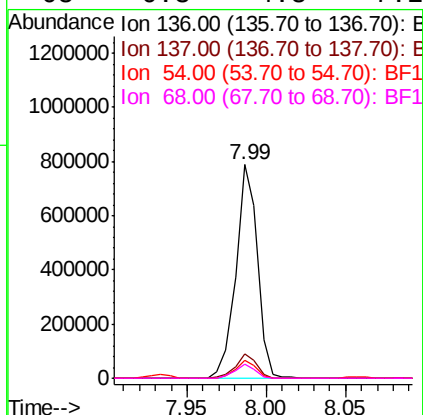
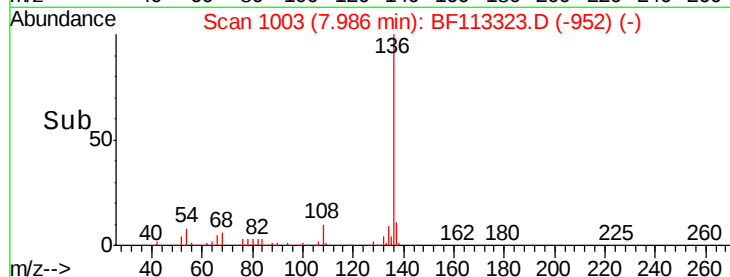
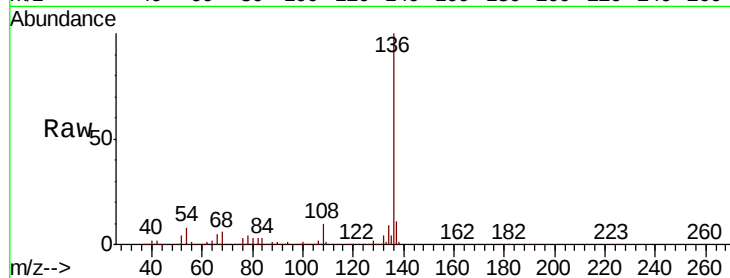




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

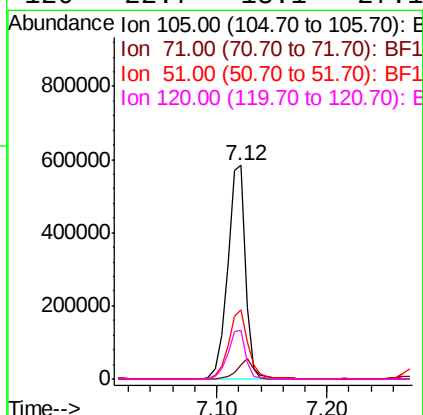
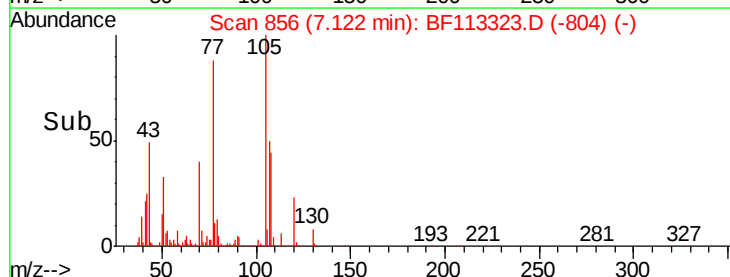
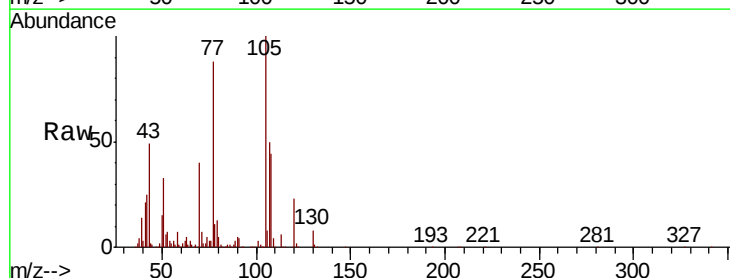
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

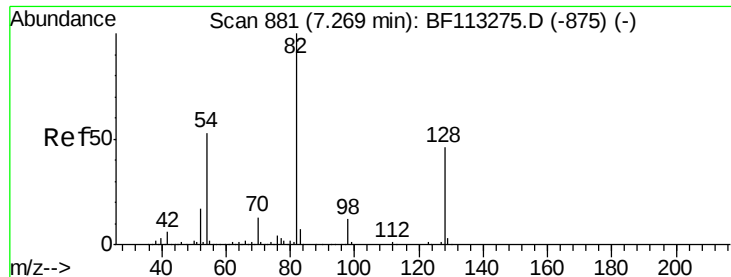
Tgt Ion:	136	Resp:	740551
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.2	7.0	10.6
68	6.3	4.8	7.2



#22
Acetophenone
Concen: 39.347 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

Tgt Ion:	105	Resp:	664522
Ion	Ratio	Lower	Upper
105	100		
71	6.6	3.3	4.9#
51	32.6	24.2	36.2
120	22.7	18.1	27.1

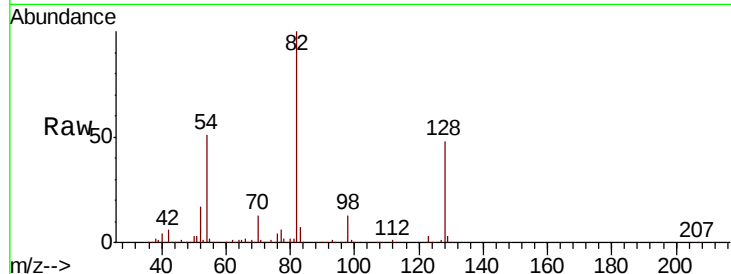




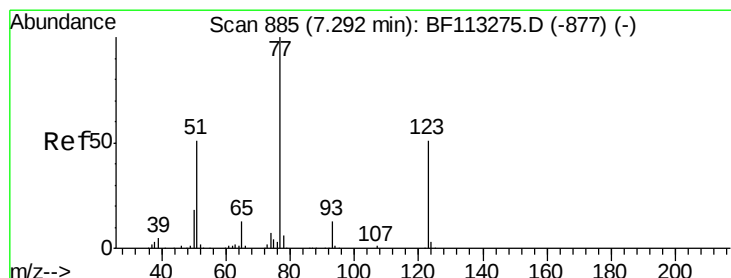
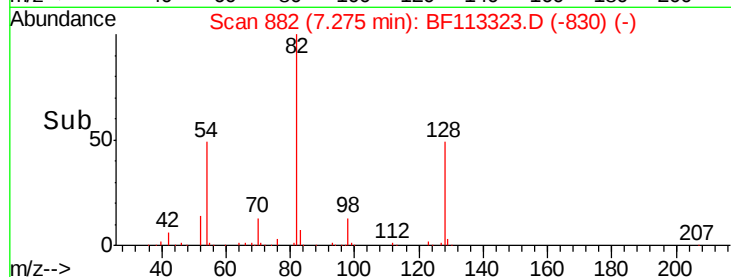
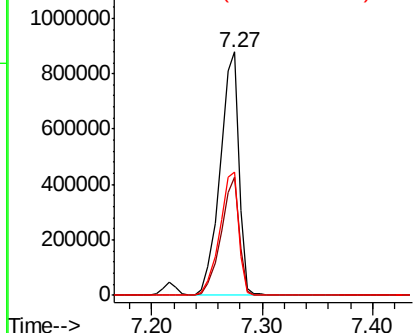
#23
 Nitrobenzene-d5
 Concen: 83.850 ng
 RT: 7.27 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 1046187
 Ion Ratio Lower Upper
 82 100
 128 48.5 36.5 54.7
 54 50.8 42.2 63.2

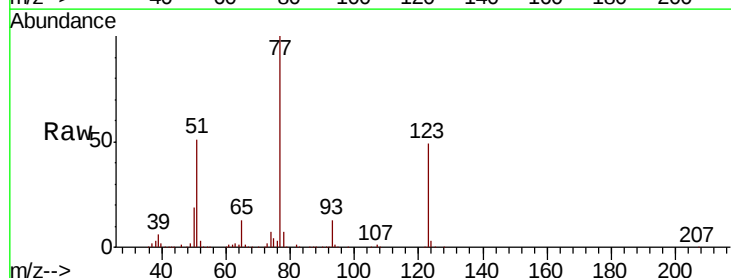


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

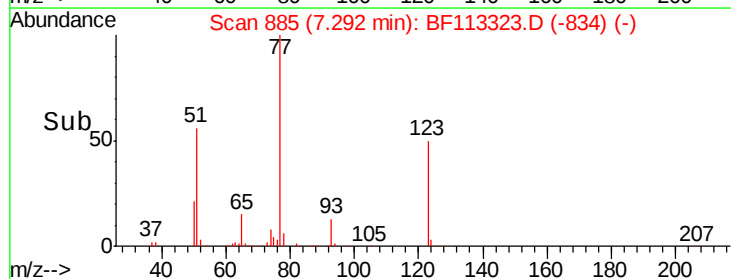
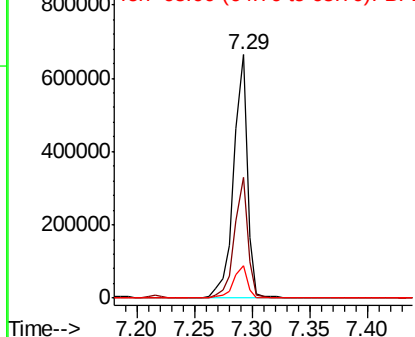


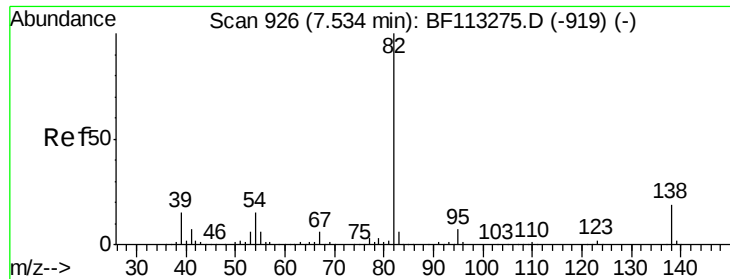
#24
 Nitrobenzene
 Concen: 41.744 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

Tgt Ion: 77 Resp: 543493
 Ion Ratio Lower Upper
 77 100
 123 49.3 40.8 61.2
 65 13.5 10.6 16.0



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: 40.419 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

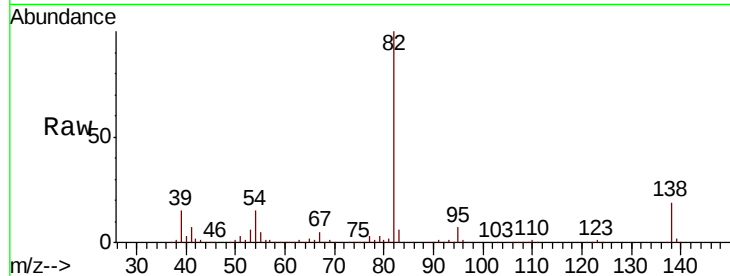
Tgt Ion: 82 Resp: 977315

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

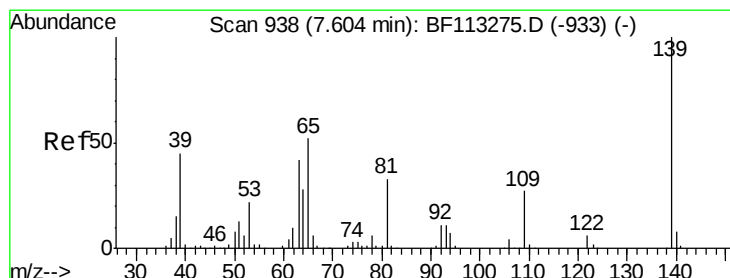
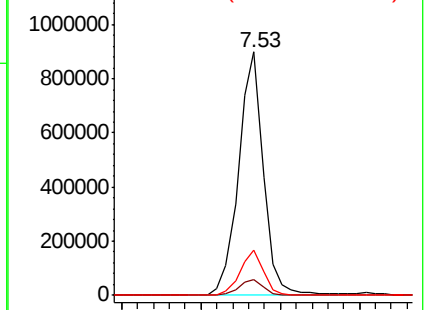
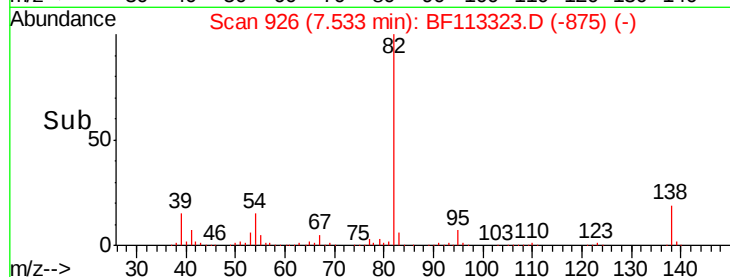
138 18.6 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.807 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

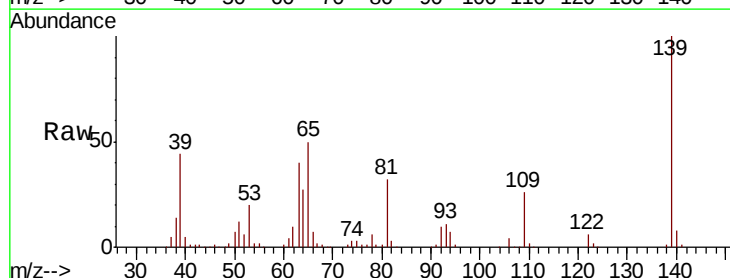
Tgt Ion: 139 Resp: 294595

Ion Ratio Lower Upper

139 100

109 25.8 21.7 32.5

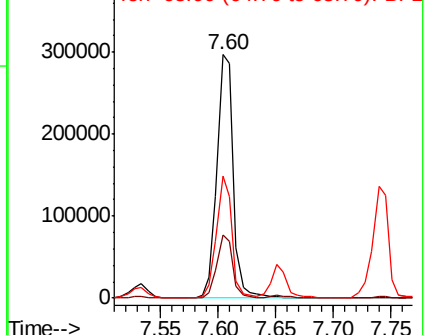
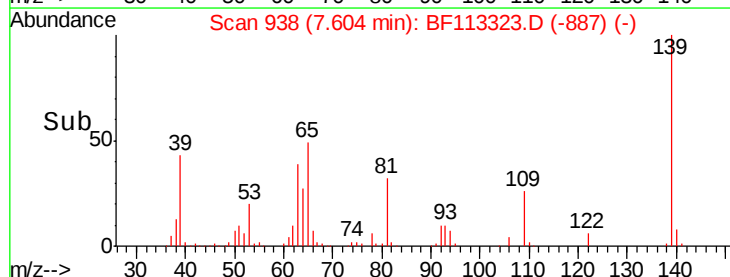
65 49.9 41.6 62.4

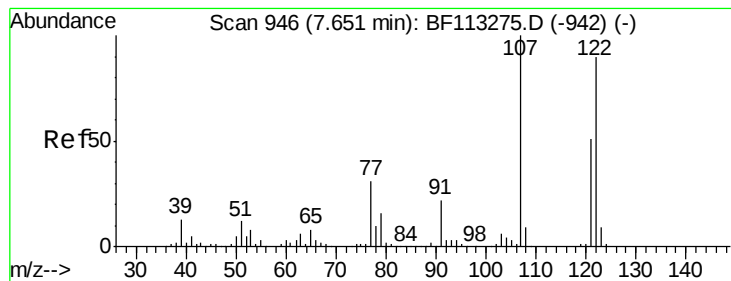


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 41.078 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

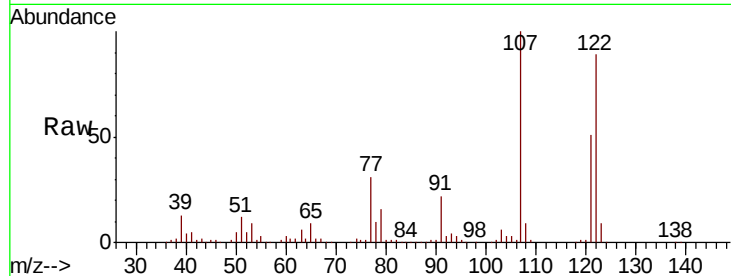
Tgt Ion:122 Resp: 406658

Ion Ratio Lower Upper

122 100

107 112.1 88.8 133.2

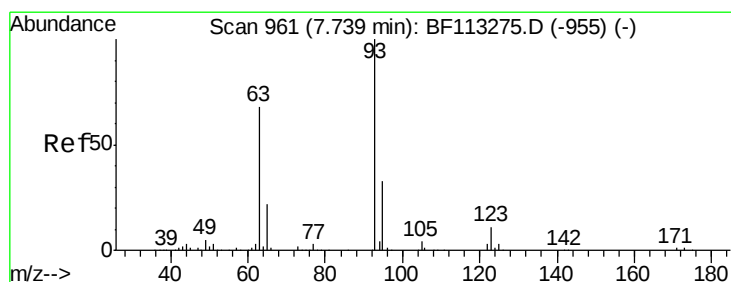
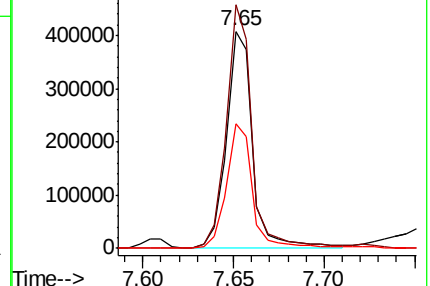
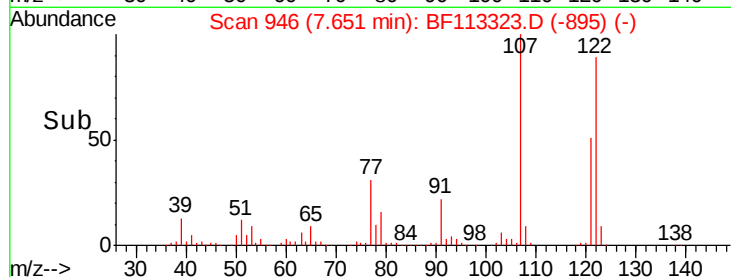
121 57.2 45.5 68.3



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: 41.215 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

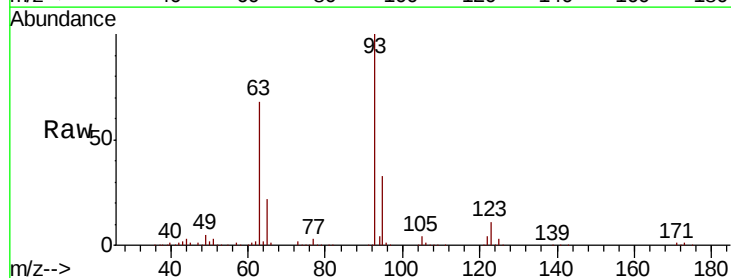
Tgt Ion: 93 Resp: 627573

Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

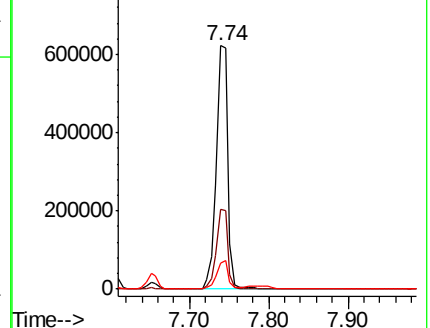
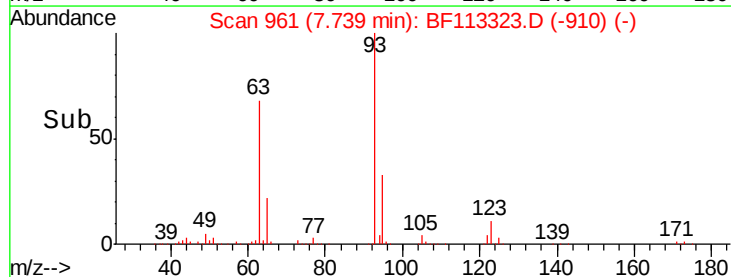
123 10.9 9.1 13.7

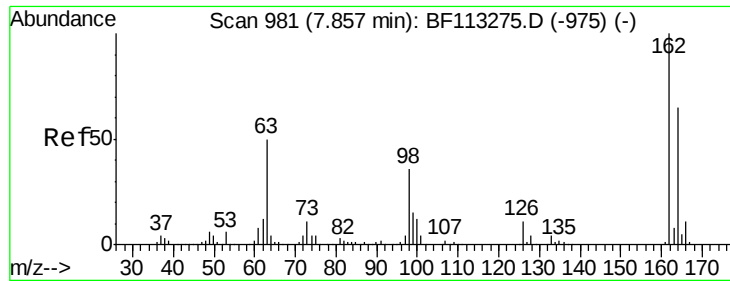


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

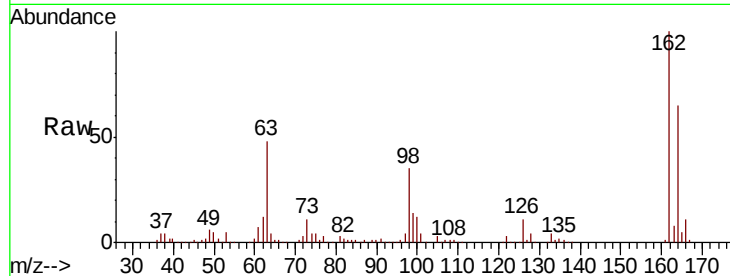




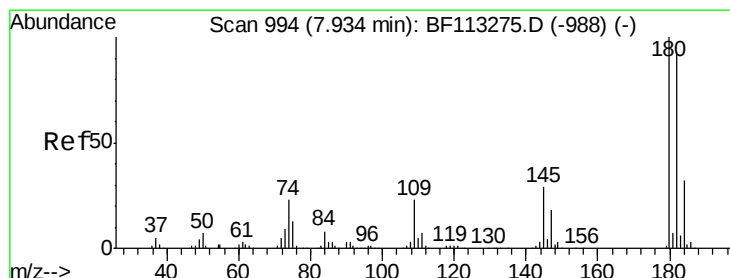
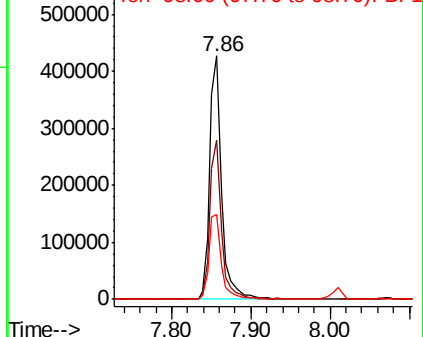
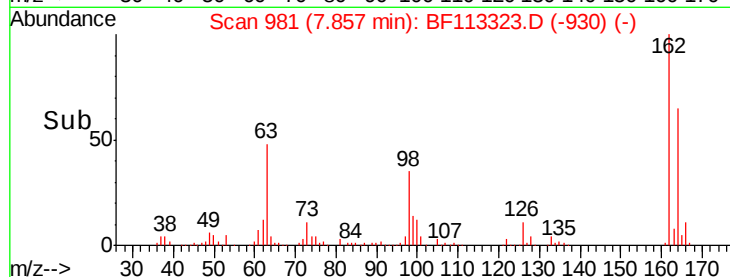
#29
2,4-Dichlorophenol
Concen: 41.396 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 444094
Ion Ratio Lower Upper
162 100
164 65.1 44.6 84.6
98 35.0 15.6 55.6

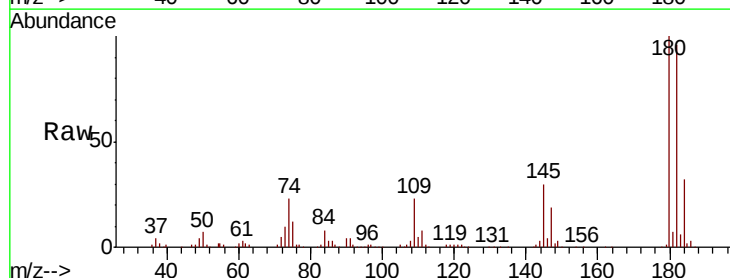


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

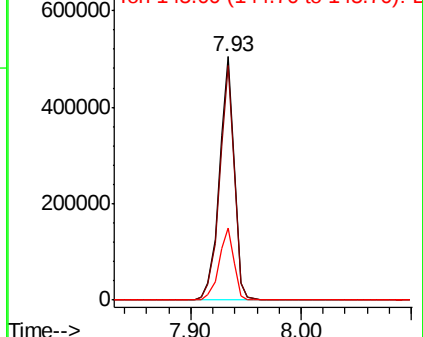
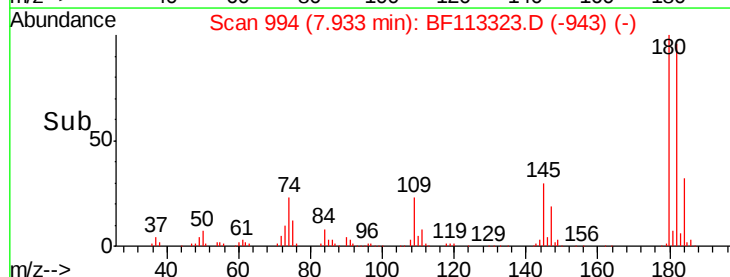


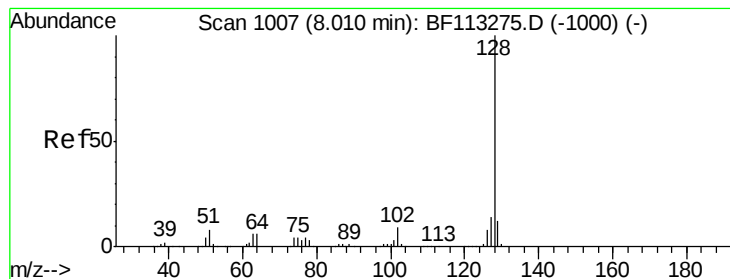
#30
1,2,4-Trichlorobenzene
Concen: 40.755 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

Tgt Ion:180 Resp: 471720
Ion Ratio Lower Upper
180 100
182 96.4 74.6 111.8
145 29.7 23.4 35.0



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: 40.361 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

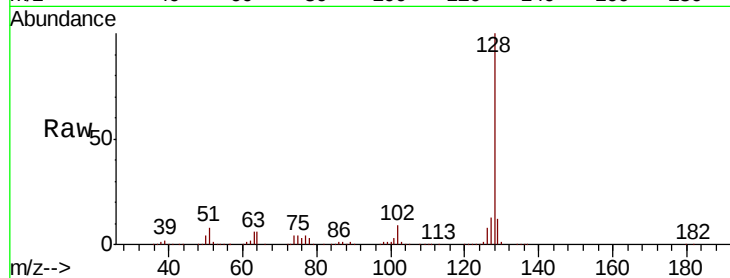
Tgt Ion:128 Resp: 1460620

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

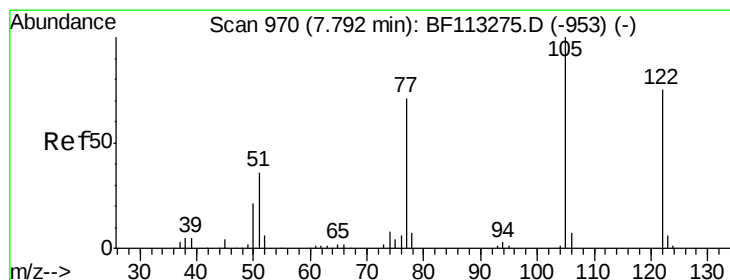
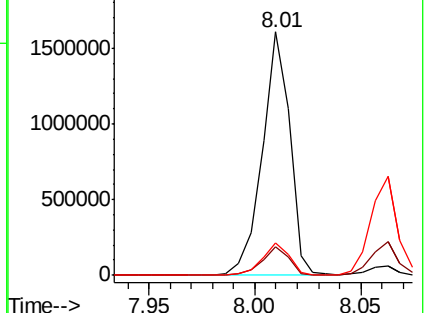
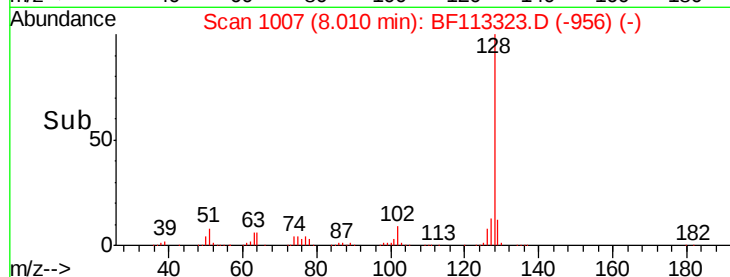
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.461 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

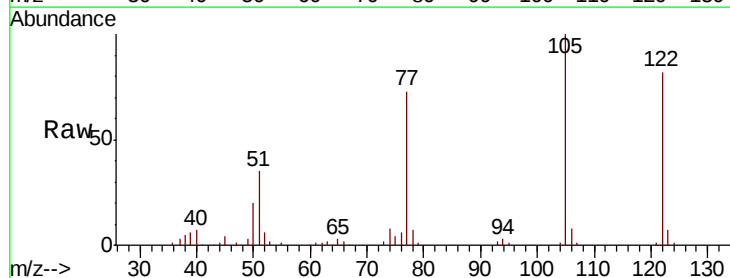
Tgt Ion:122 Resp: 250707

Ion Ratio Lower Upper

122 100

105 121.7 100.4 140.4

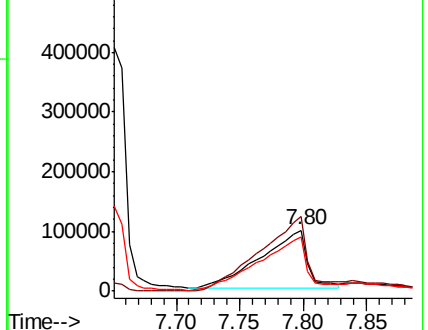
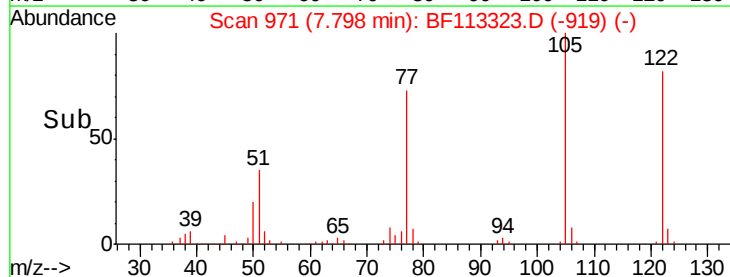
77 88.7 69.0 109.0

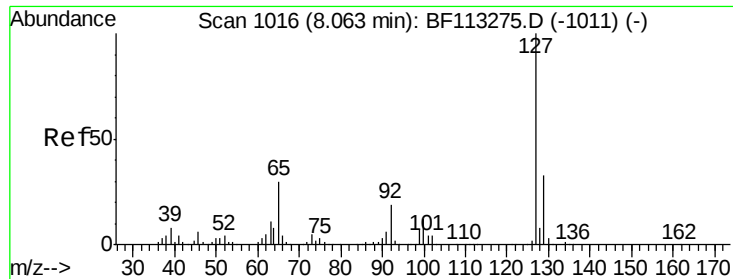


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

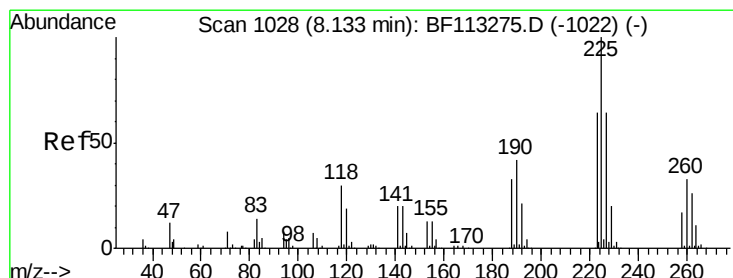
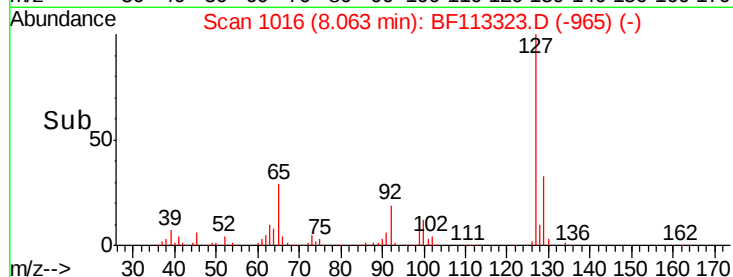
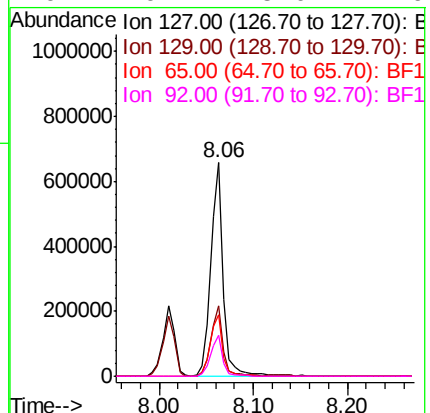
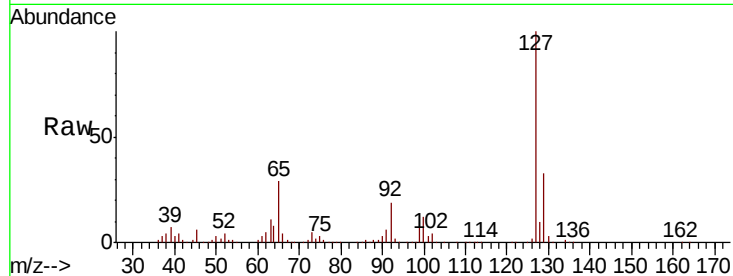




#33
4-Chloroaniline
Concen: 43.294 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

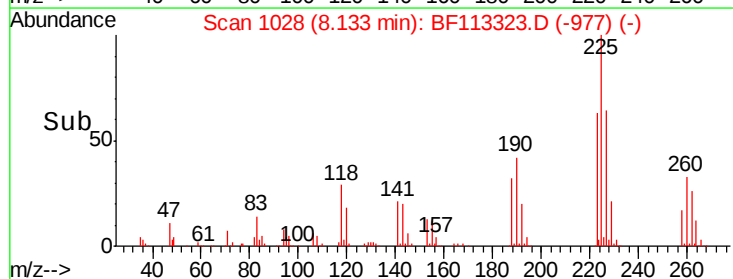
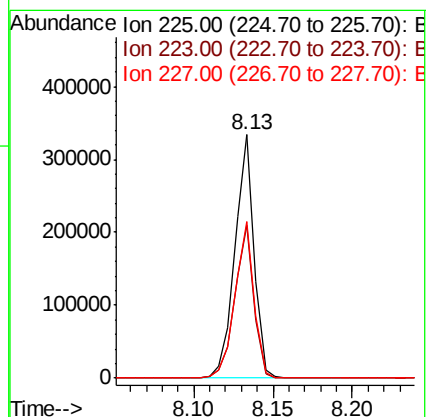
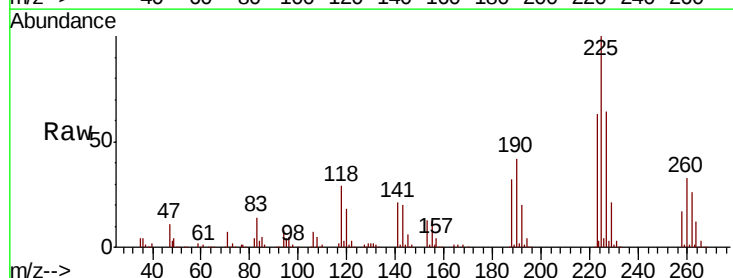
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

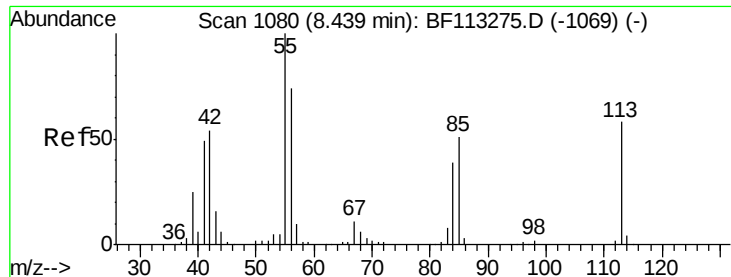
Tgt Ion:	127	Resp:	610952
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.3	39.5
65	29.1	24.2	36.4
92	19.1	15.0	22.6



#34
Hexachlorobutadiene
Concen: 40.716 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

Tgt Ion:	225	Resp:	280094
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.4	77.2
227	64.1	51.1	76.7

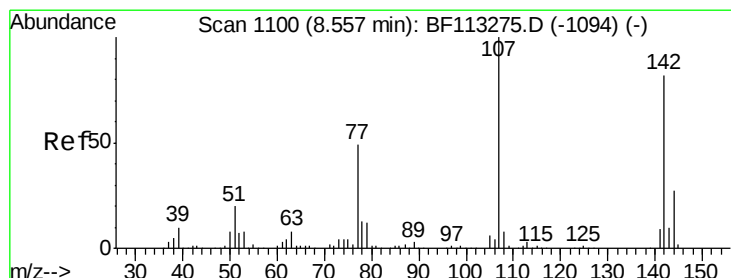
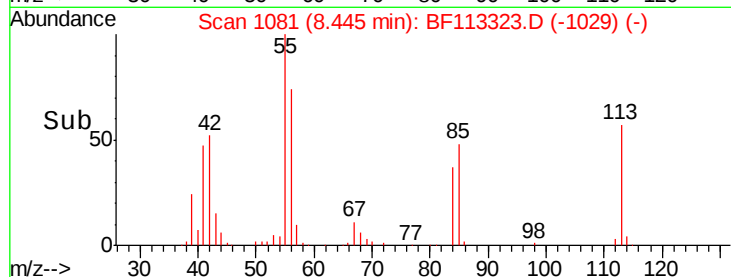
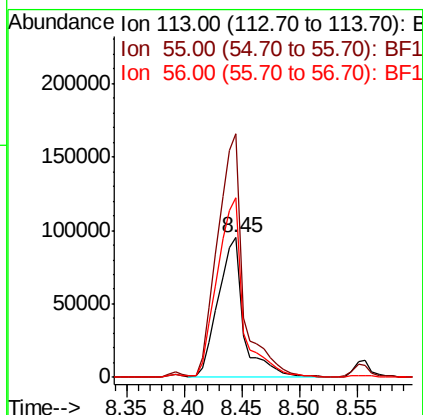
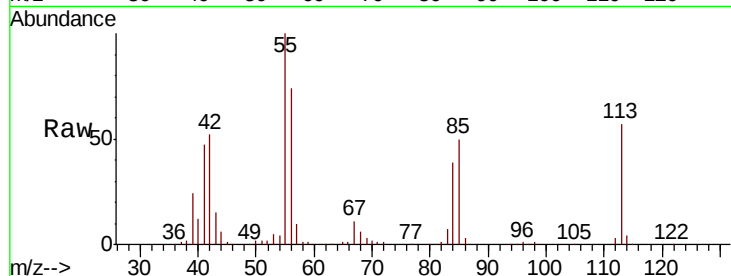




#35
 Caprolactam
 Concen: 42.654 ng
 RT: 8.45 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

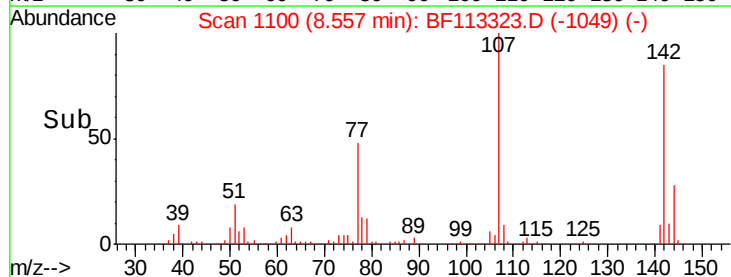
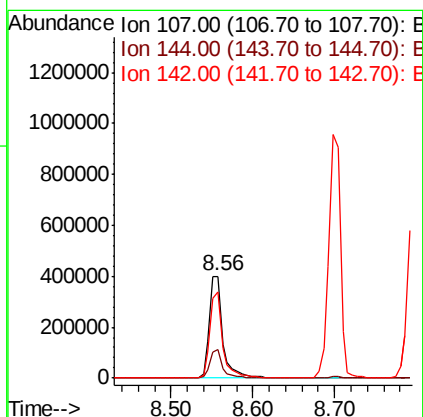
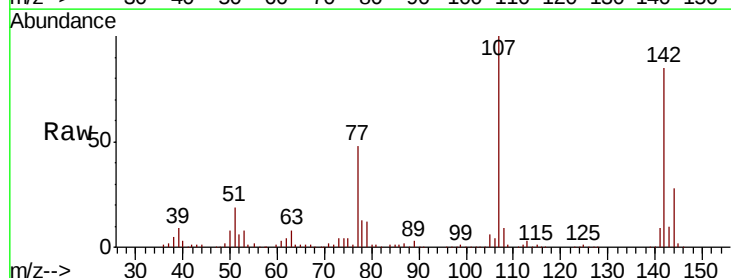
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

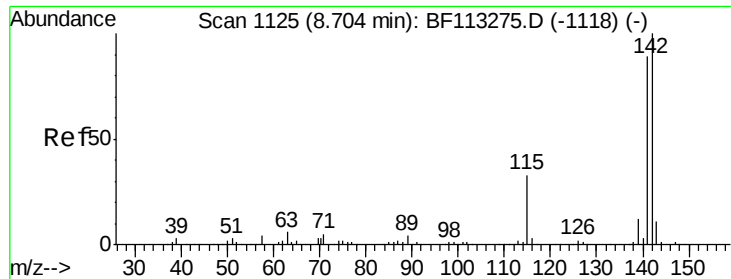
Tgt Ion:113 Resp: 146859
 Ion Ratio Lower Upper
 113 100
 55 174.0 152.7 192.7
 56 128.2 108.3 148.3



#36
 4-Chloro-3-methylphenol
 Concen: 42.027 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

Tgt Ion:107 Resp: 453480
 Ion Ratio Lower Upper
 107 100
 144 27.8 21.4 32.0
 142 84.6 65.6 98.4

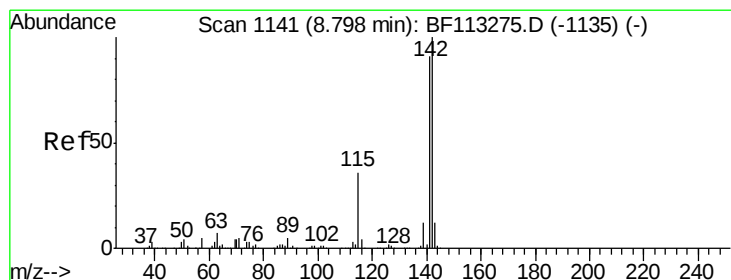
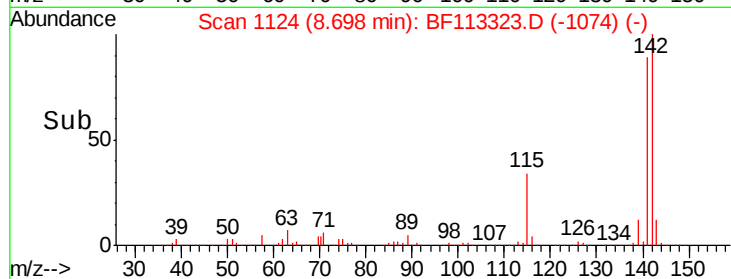
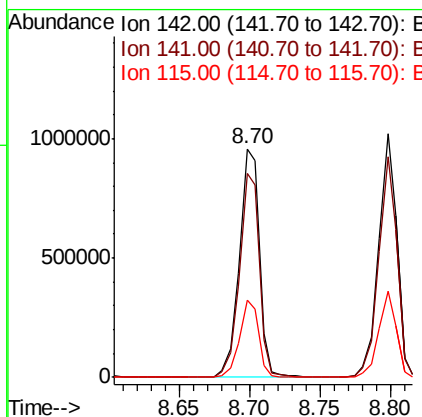
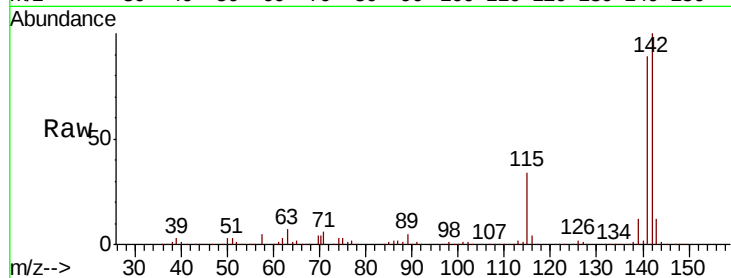




#37
 2-Methylnaphthalene
 Concen: 41.829 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

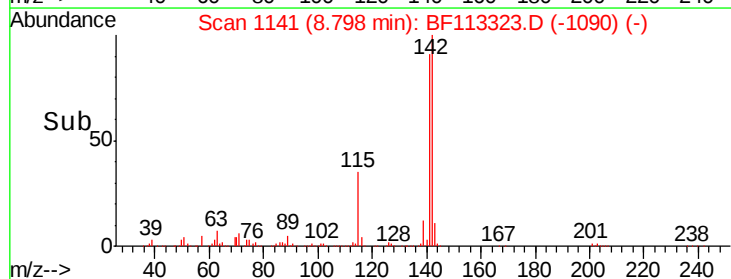
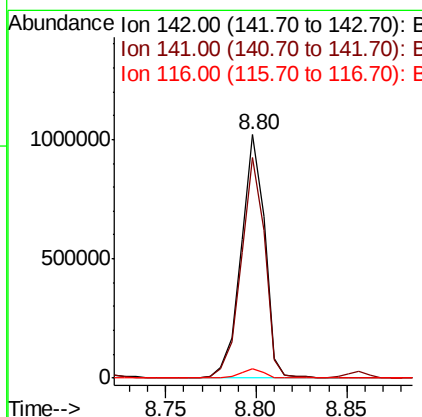
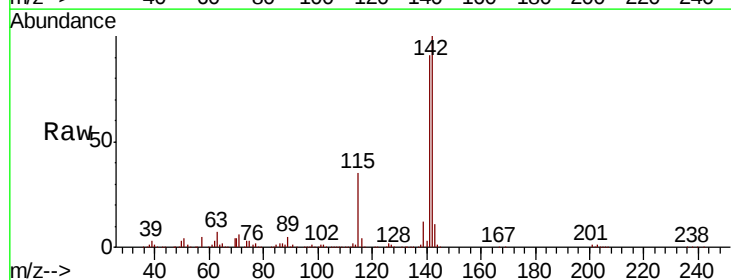
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

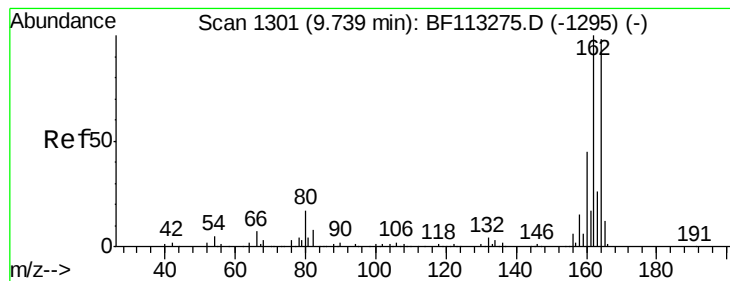
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	34.0	26.6	39.8



#38
 1-Methylnaphthalene
 Concen: 42.208 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.2	109.8
116	3.7	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

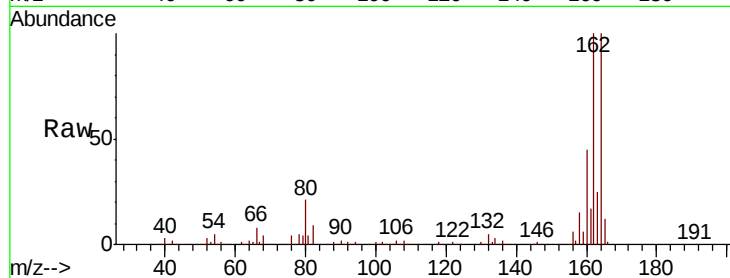
Tgt Ion:164 Resp: 353340

Ion Ratio Lower Upper

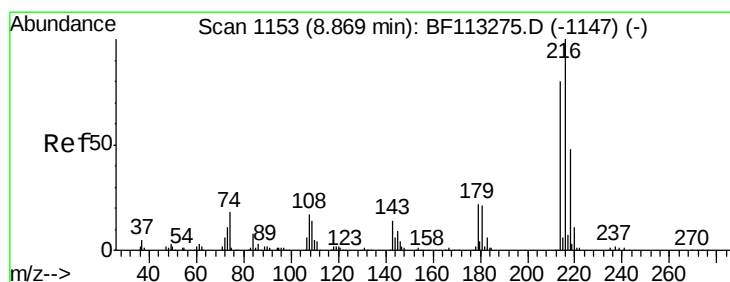
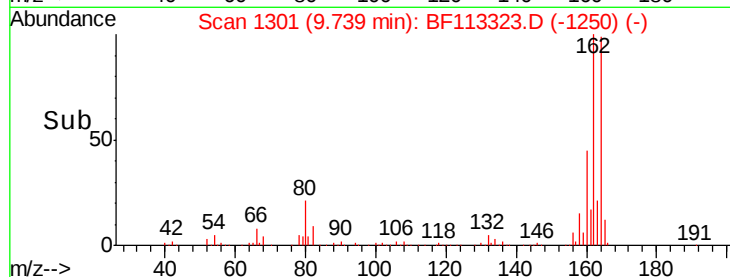
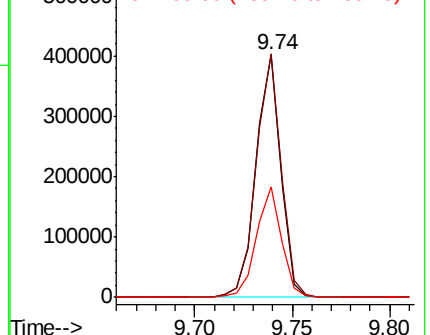
164 100

162 100.4 81.8 122.6

160 45.3 36.4 54.6



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: 39.835 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

Tgt Ion:216 Resp: 451818

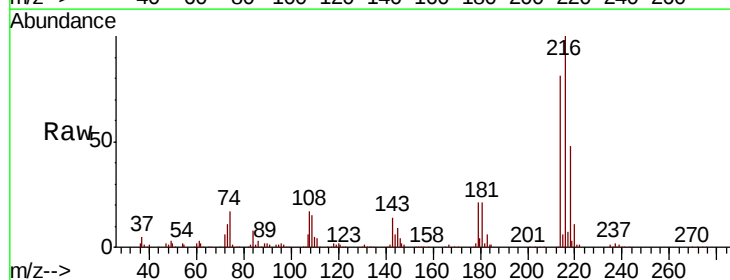
Ion Ratio Lower Upper

216 100

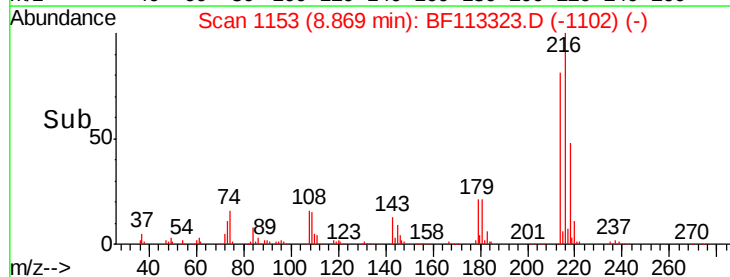
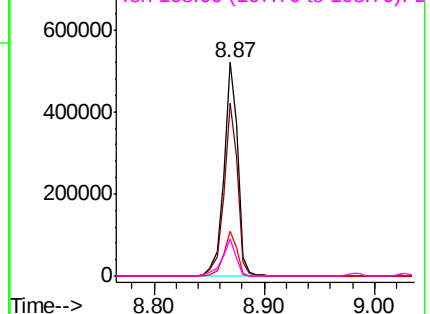
214 79.7 63.0 94.6

179 20.3 16.8 25.2

108 17.3 13.8 20.6



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: 35.895 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

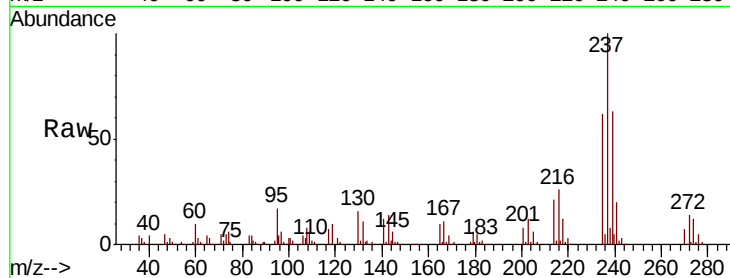
Tgt Ion: 237 Resp: 172328

Ion Ratio Lower Upper

237 100

235 62.4 43.4 83.4

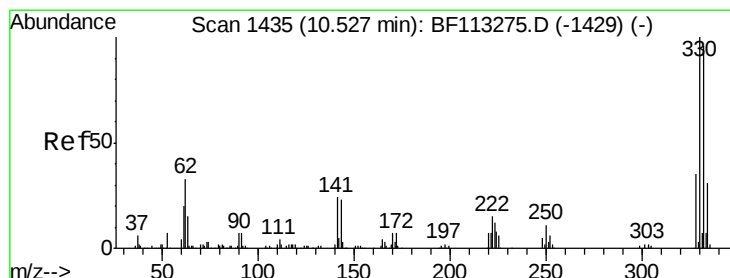
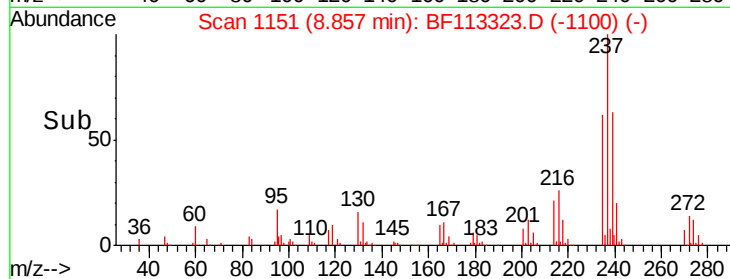
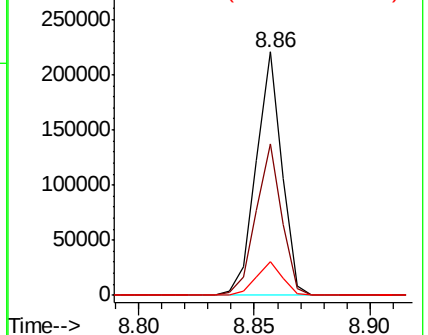
272 13.9 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 79.626 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

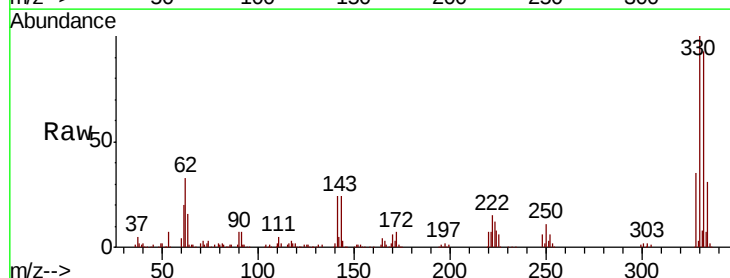
Tgt Ion: 330 Resp: 347530

Ion Ratio Lower Upper

330 100

332 95.2 77.8 116.6

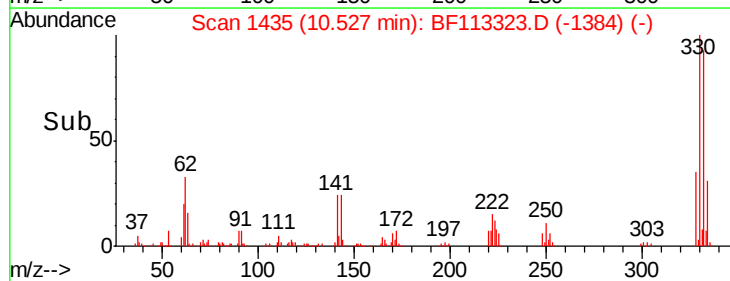
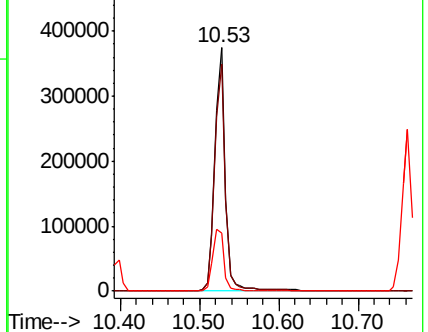
141 27.2 22.7 34.1

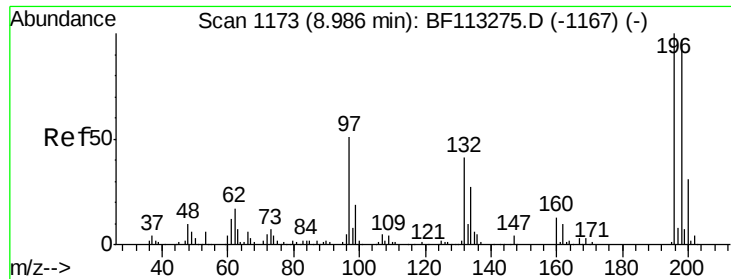


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

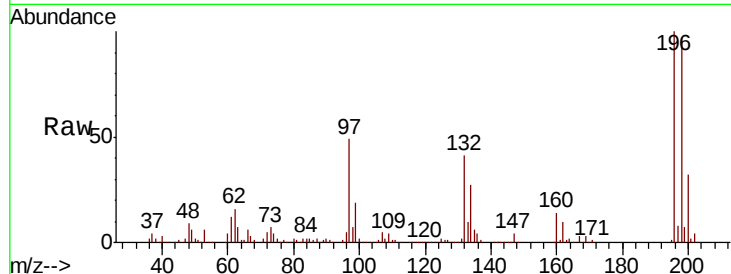




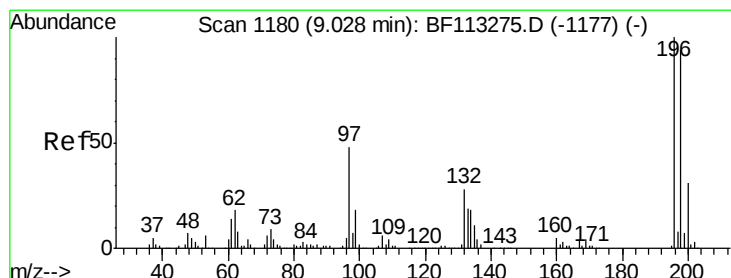
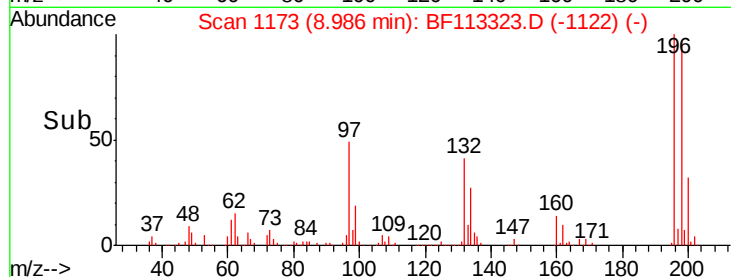
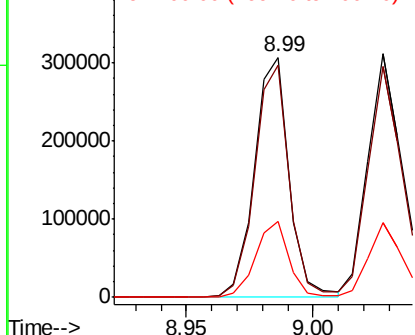
#43
 2,4,6-Trichlorophenol
 Concen: 39.737 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.7	116.5
200	31.7	24.9	37.3



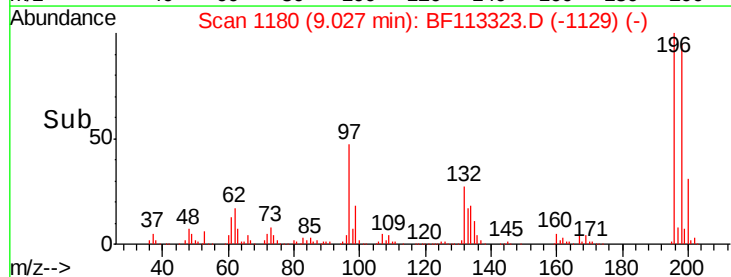
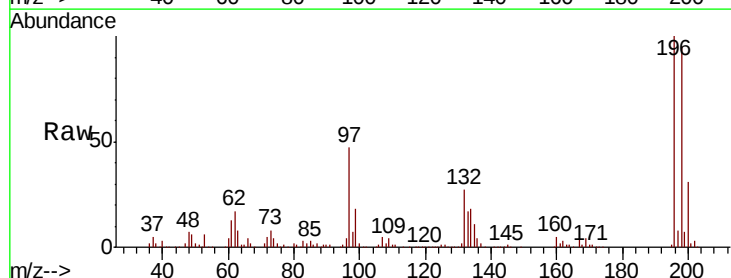
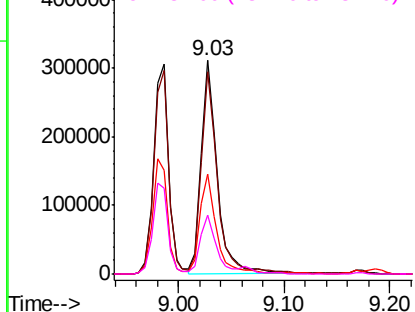
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

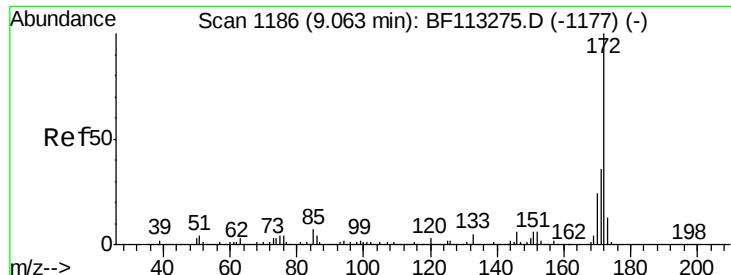


#44
 2,4,5-Trichlorophenol
 Concen: 39.813 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.4	113.2
97	47.0	38.6	58.0
132	27.4	22.9	34.3

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

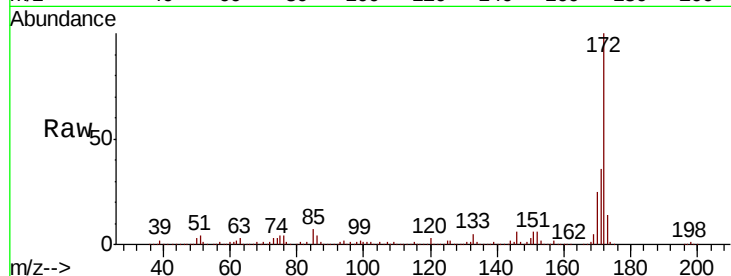




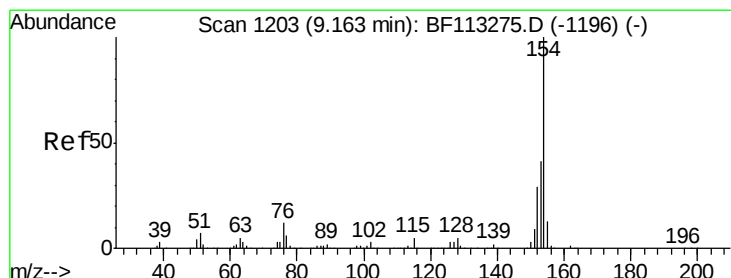
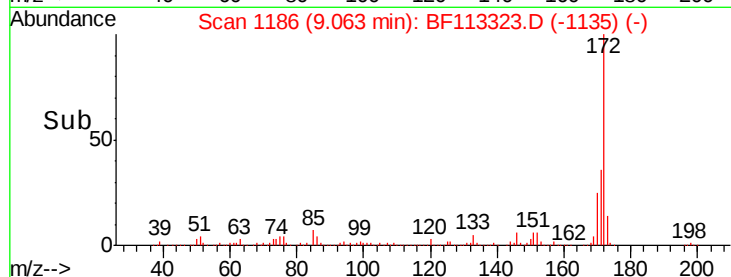
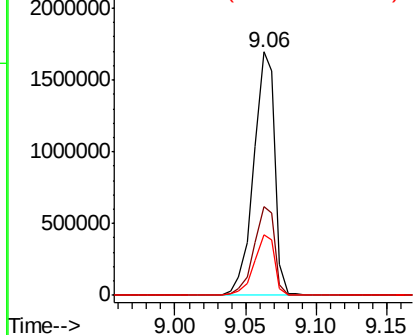
#45
2-Fluorobiphenyl
Concen: 78.008 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1791298
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 24.8 19.5 29.3

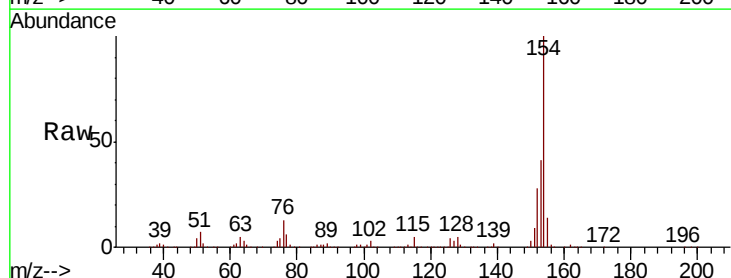


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

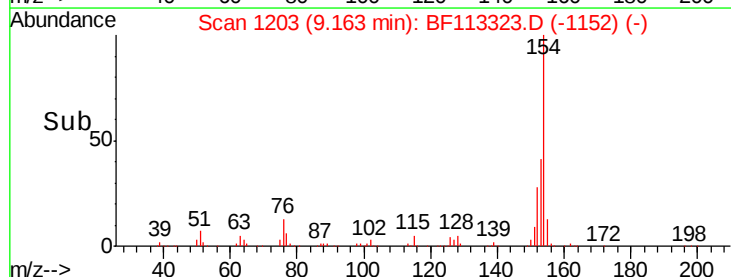
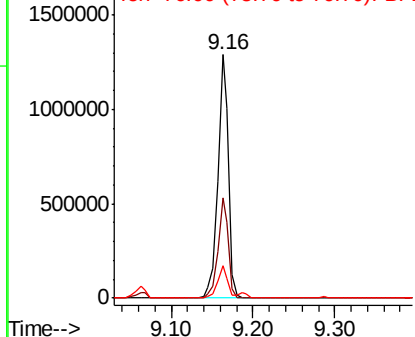


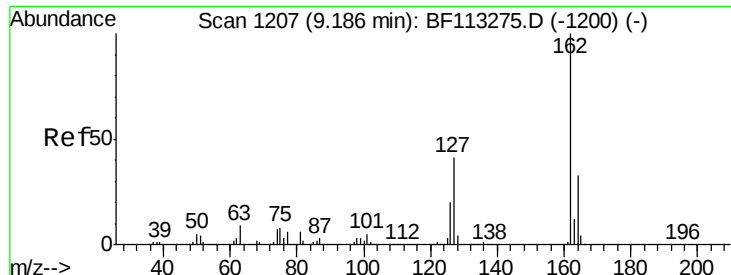
#46
1,1'-Biphenyl
Concen: 39.540 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

Tgt Ion:154 Resp: 1166847
Ion Ratio Lower Upper
154 100
153 40.9 20.8 60.8
76 13.2 0.0 31.9



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

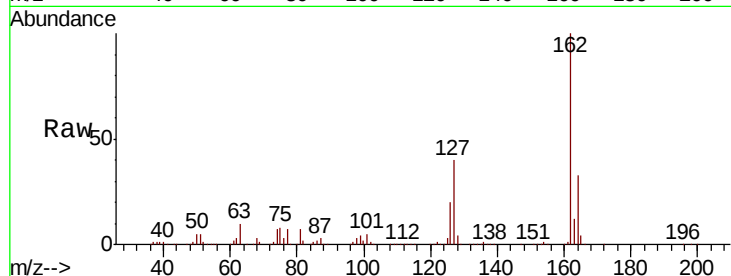




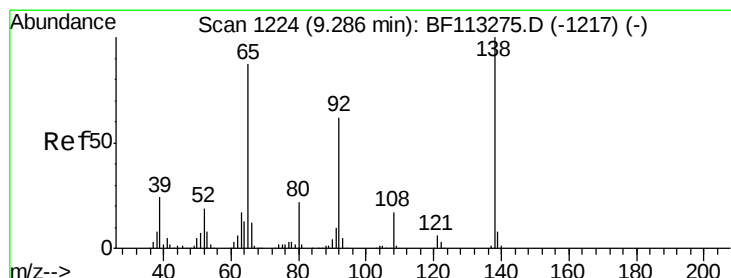
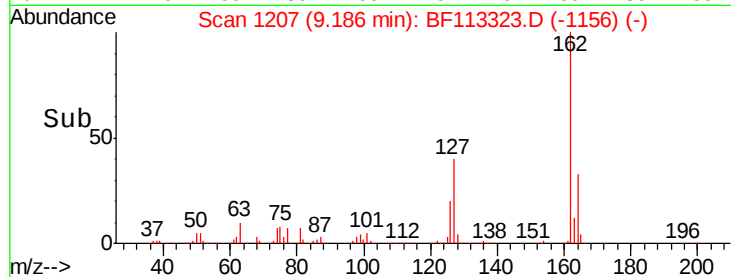
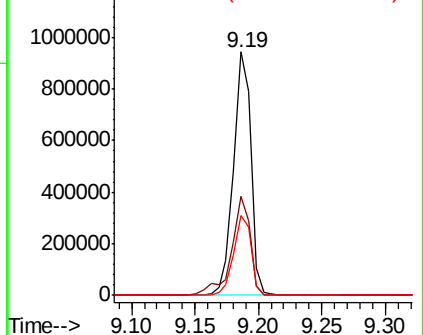
#47
 2-Chloronaphthalene
 Concen: 39.236 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.6	49.0
164	33.0	26.6	39.8

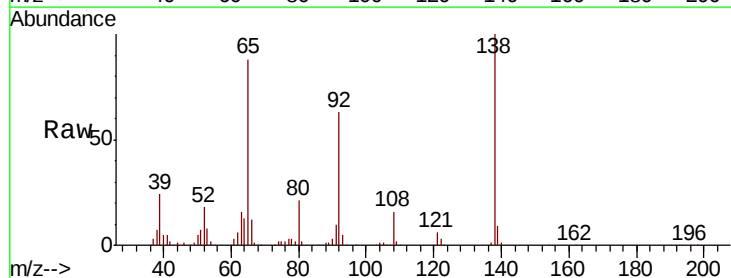


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

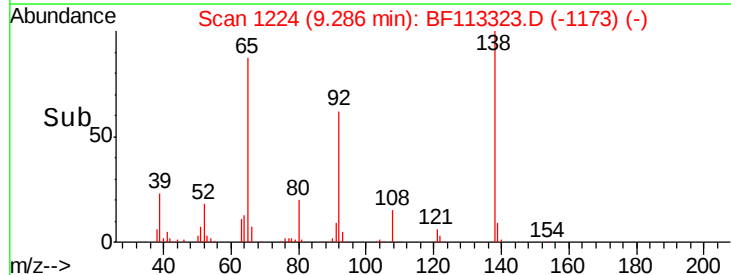
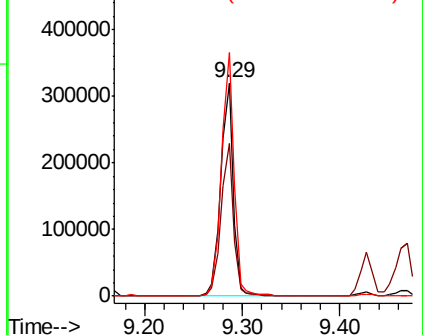


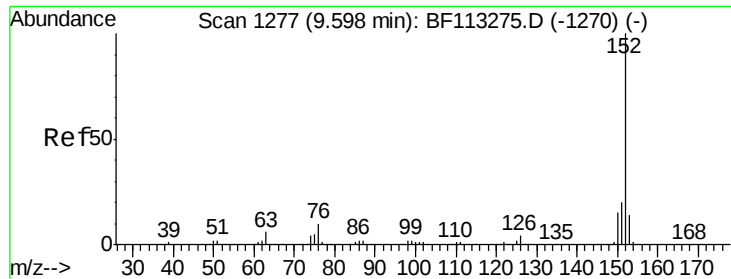
#48
 2-Nitroaniline
 Concen: 40.640 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	56.8	85.2
138	114.1	92.3	138.5



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: 40.352 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

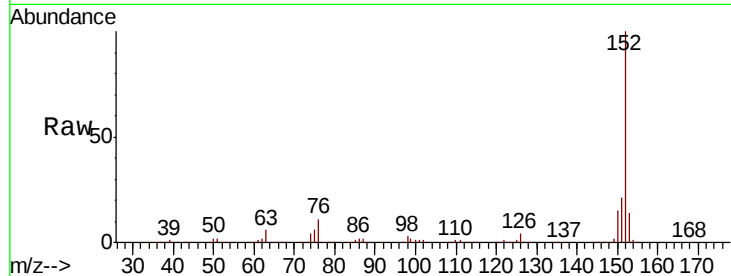
Tgt Ion:152 Resp: 1482491

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

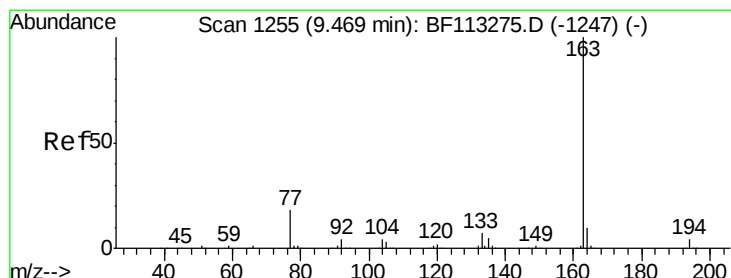
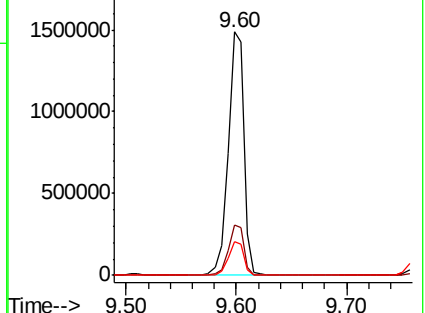
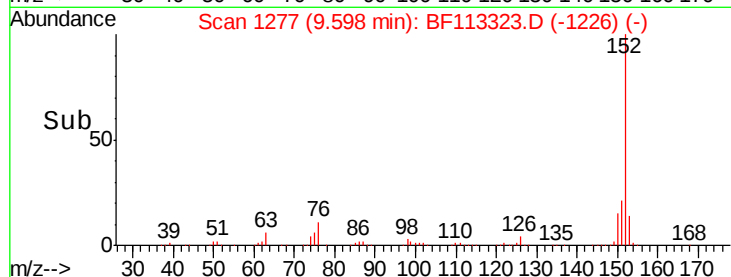
153 13.9 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.938 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

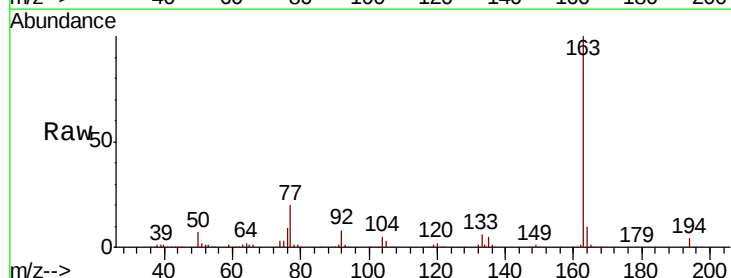
Tgt Ion:163 Resp: 1045797

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

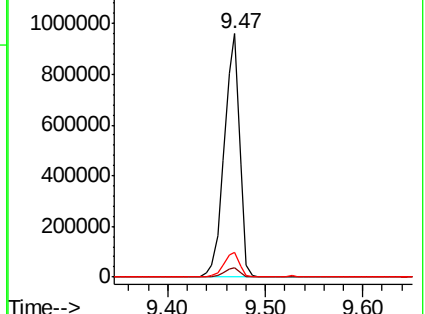
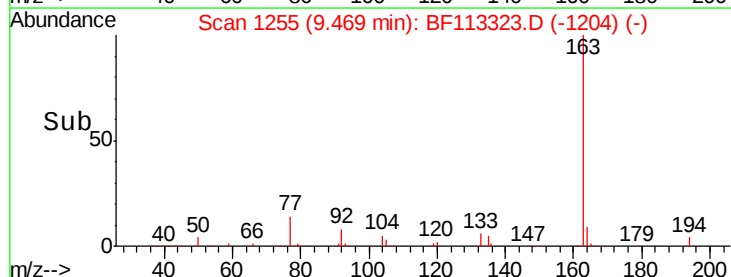
164 10.1 8.1 12.1

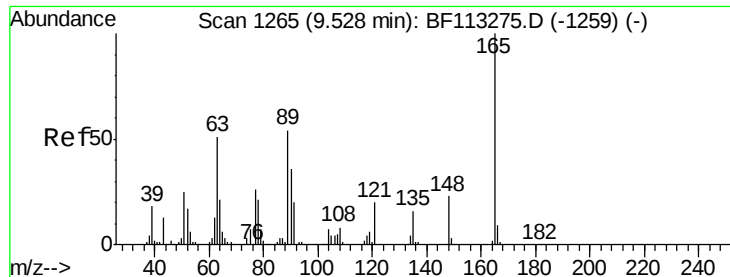


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.462 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

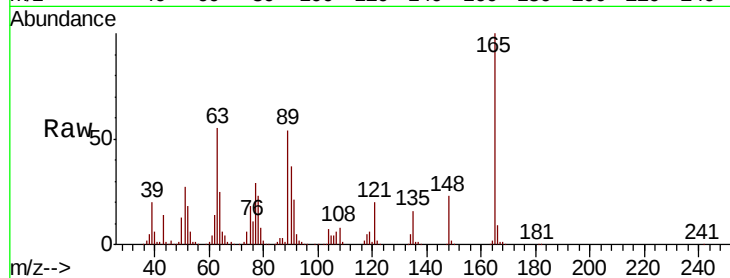
Tgt Ion:165 Resp: 239020

Ion Ratio Lower Upper

165 100

63 54.6 43.4 65.0

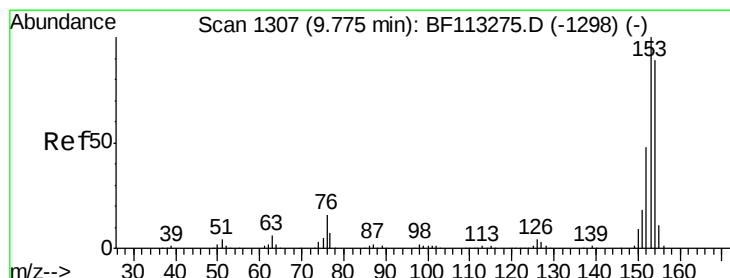
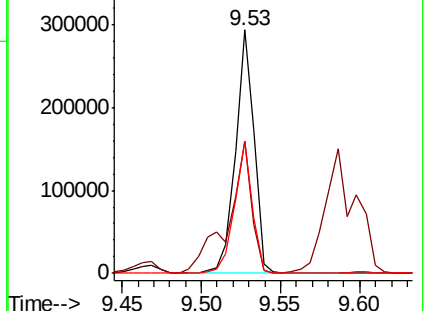
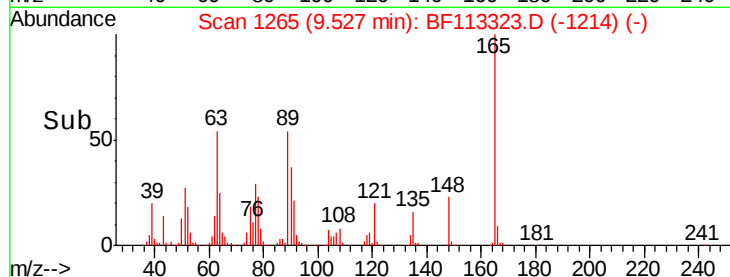
89 54.4 43.1 64.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.980 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

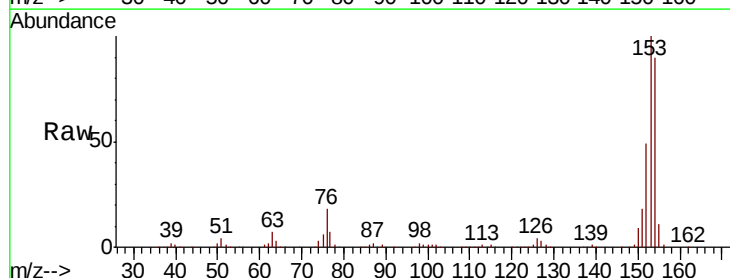
Tgt Ion:154 Resp: 827179

Ion Ratio Lower Upper

154 100

153 111.4 89.5 134.3

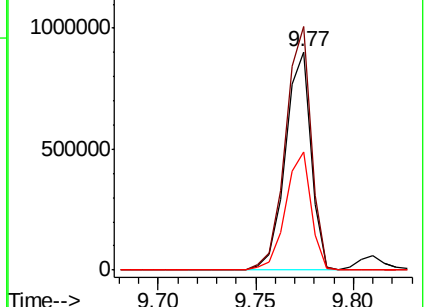
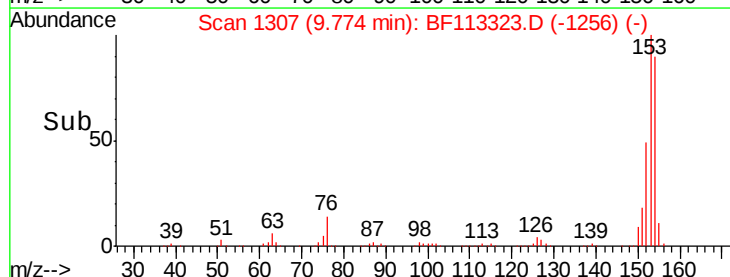
152 54.3 43.3 64.9

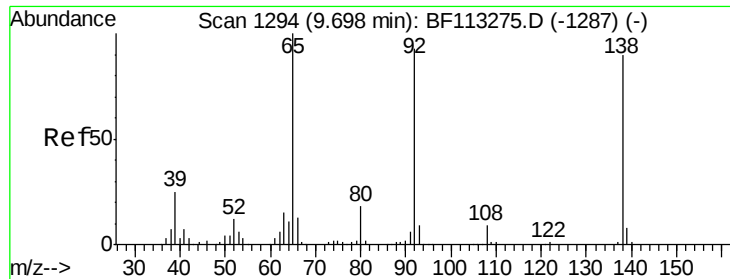


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

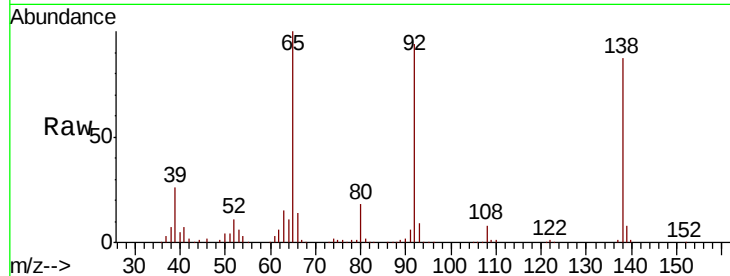




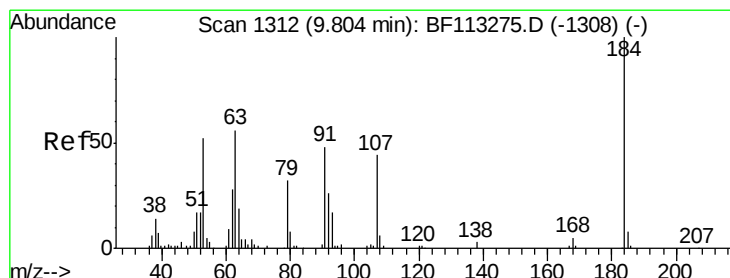
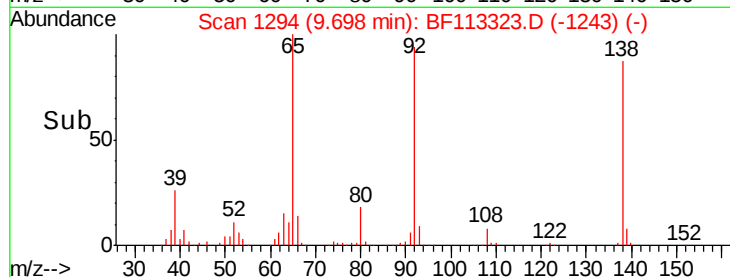
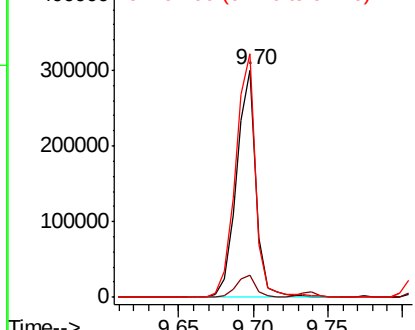
#53
3-Nitroaniline
Concen: 41.408 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 275854
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.6
92 107.2 82.6 124.0

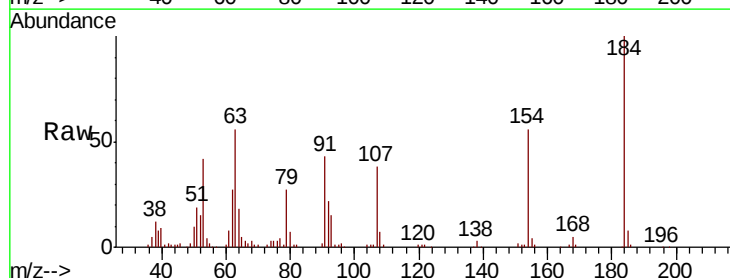


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

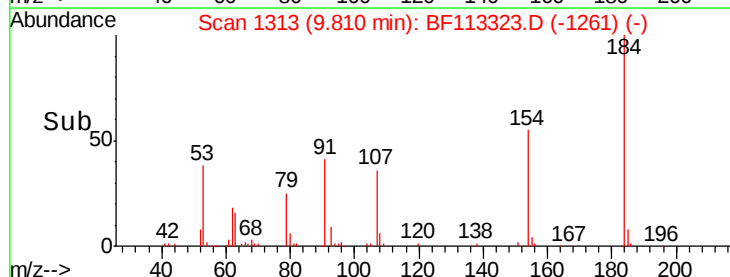
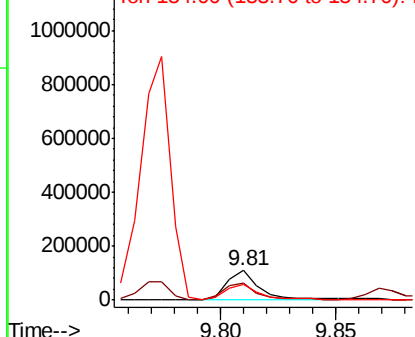


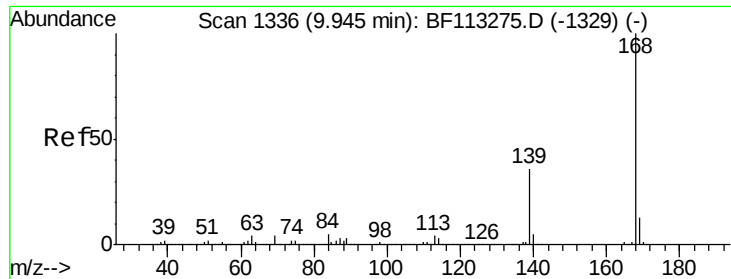
#54
2,4-Dinitrophenol
Concen: 37.316 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

Tgt Ion:184 Resp: 109637
Ion Ratio Lower Upper
184 100
63 55.8 54.3 81.5
154 55.7 48.4 72.6



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

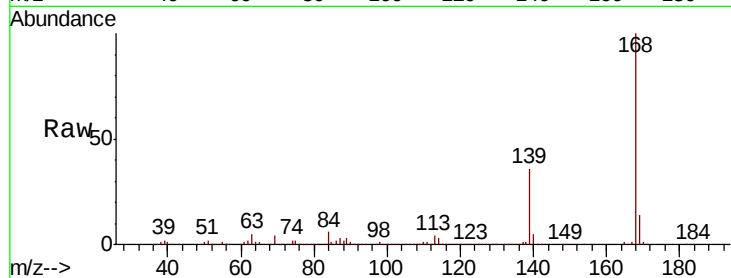




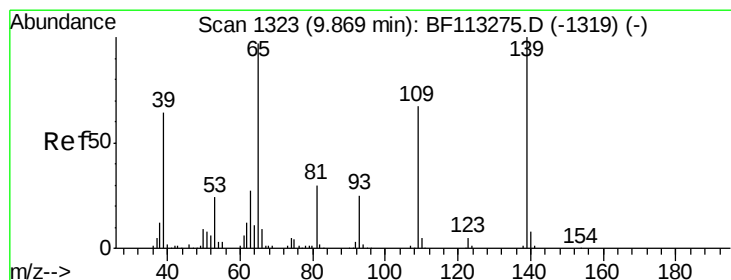
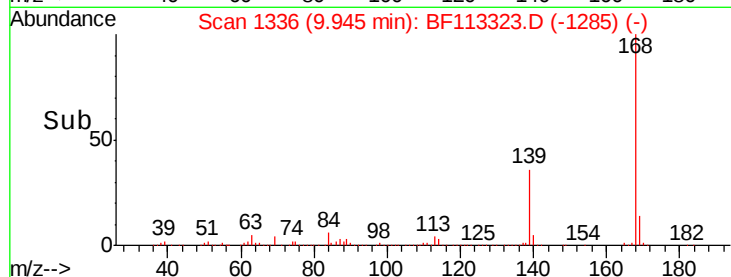
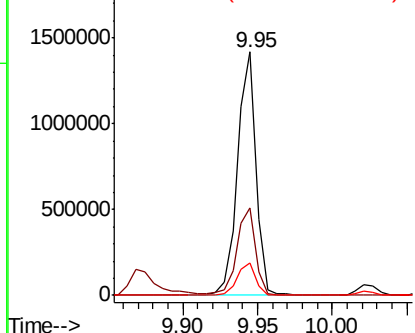
#55
Dibenzofuran
Concen: 39.723 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 123526
Ion Ratio Lower Upper
168 100
139 36.1 29.7 44.5
169 13.5 10.7 16.1

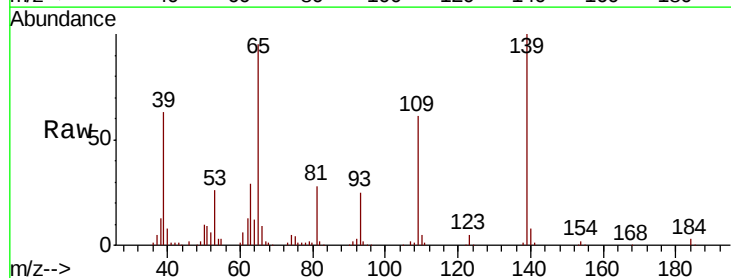


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

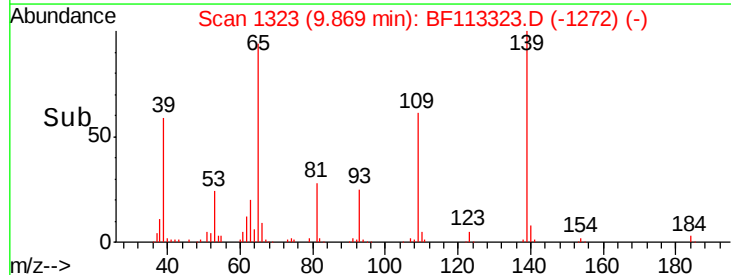
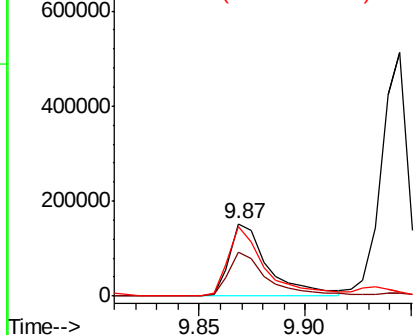


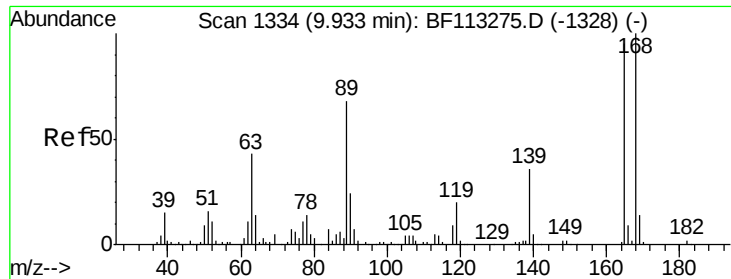
#56
4-Nitrophenol
Concen: 41.210 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

Tgt Ion:139 Resp: 195722
Ion Ratio Lower Upper
139 100
109 61.0 46.9 86.9
65 95.1 77.2 117.2



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

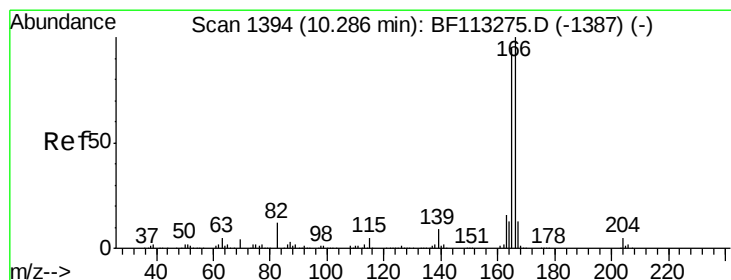
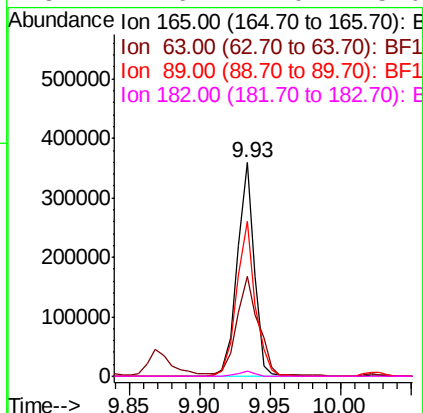
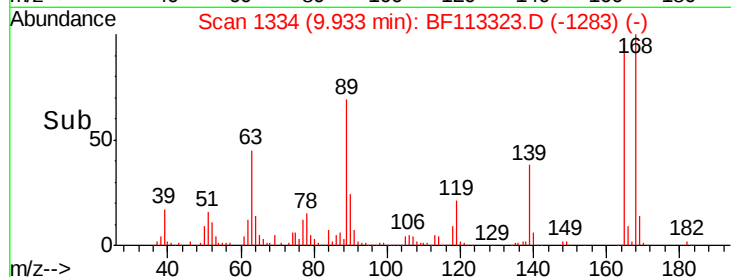
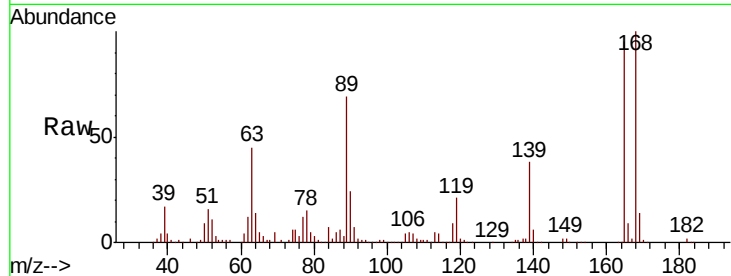




#57
2,4-Dinitrotoluene
Concen: 40.150 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

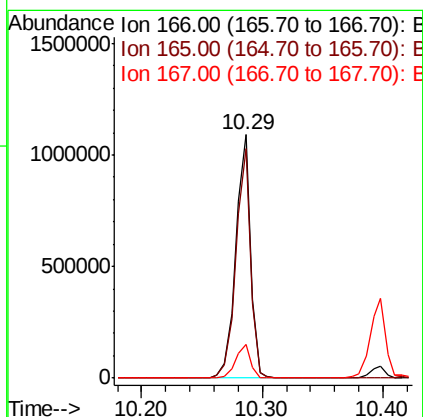
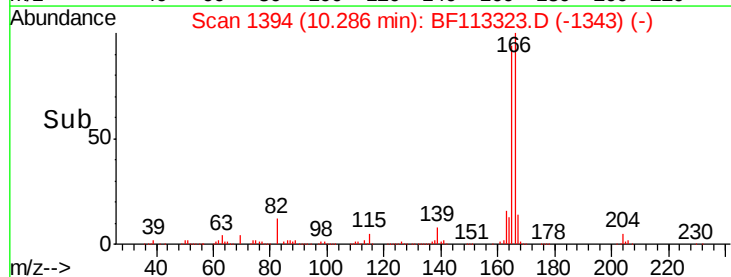
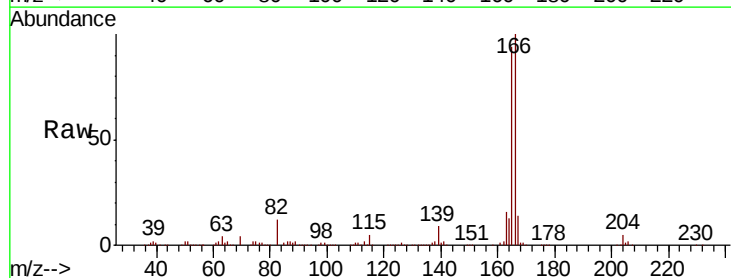
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

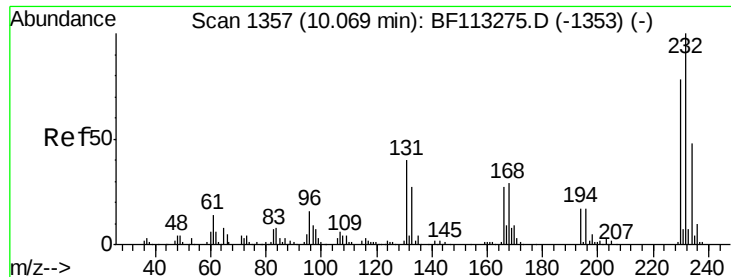
Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.8	37.5	56.3
89	72.7	57.4	86.2
182	2.6	2.0	3.0



#58
Fluorene
Concen: 38.764 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.3	76.2	114.2
167	13.7	10.7	16.1

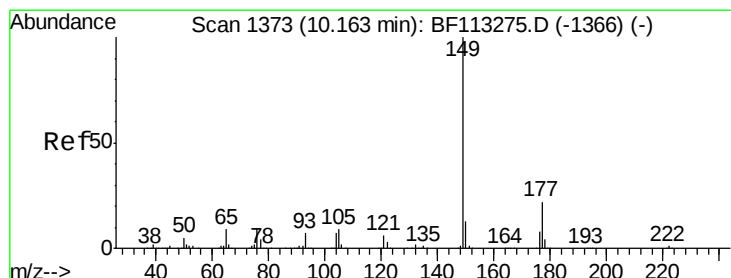
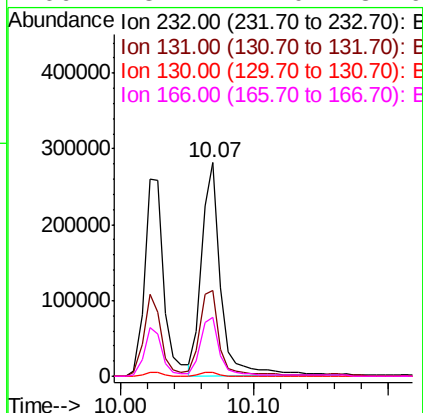
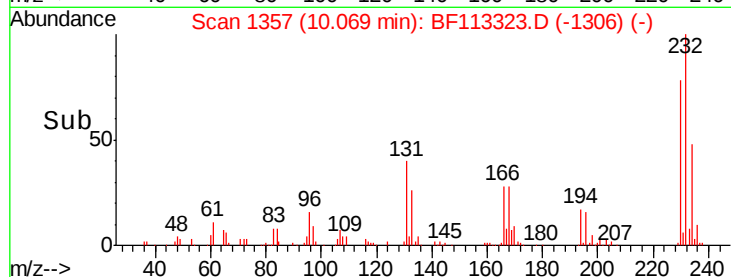
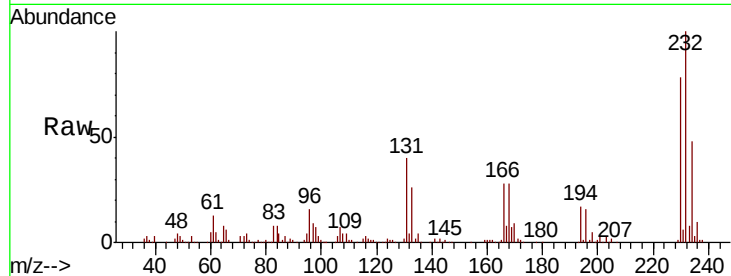




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.539 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

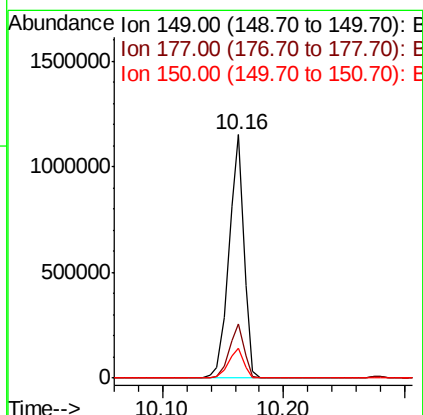
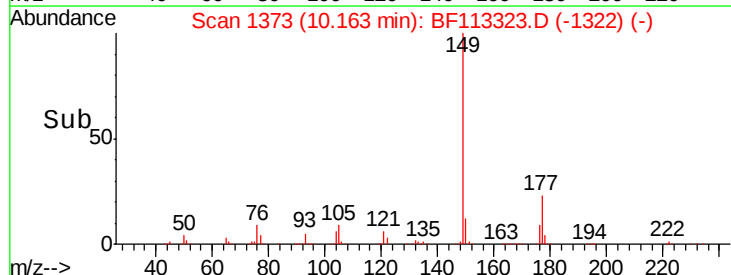
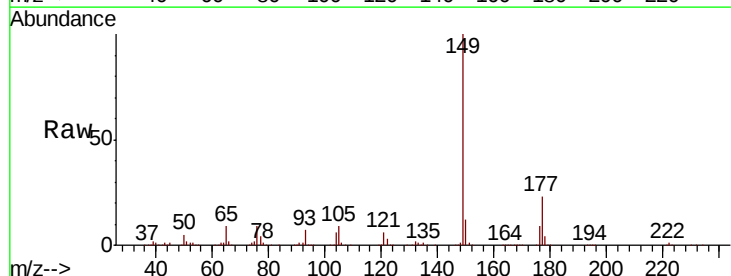
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

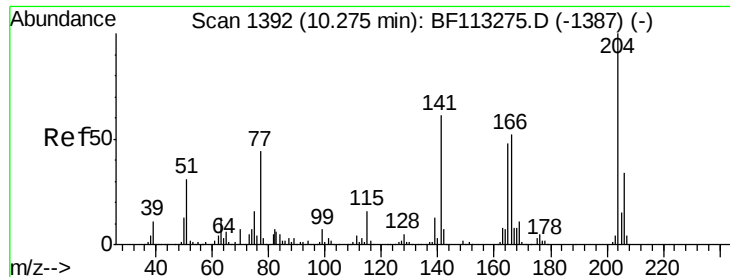
Tgt Ion:	232	Resp:	273302
Ion	Ratio	Lower	Upper
232	100		
131	41.8	33.2	49.8
130	2.0	1.6	2.4
166	28.4	21.0	31.6



#60
 Diethylphthalate
 Concen: 38.477 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

Tgt Ion:	149	Resp:	988387
Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.4	26.0
150	12.4	10.0	15.0

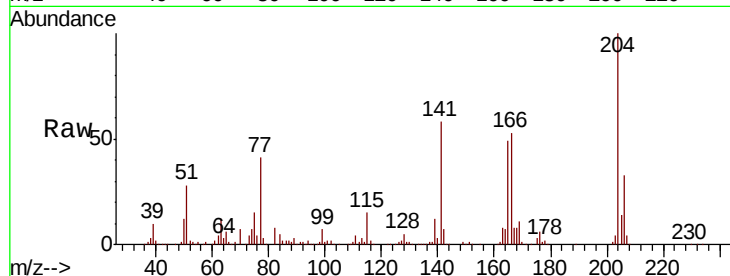




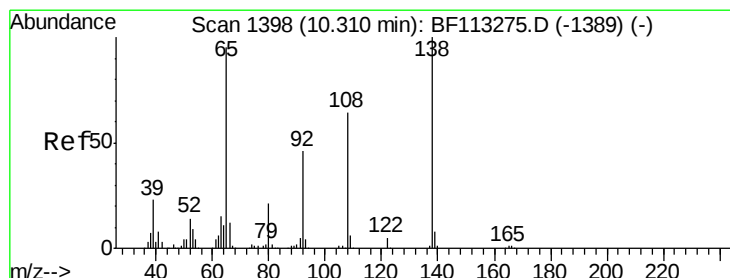
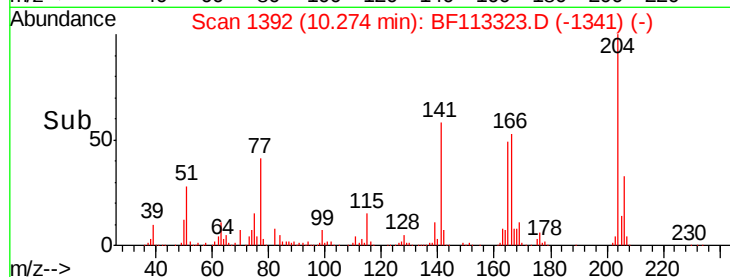
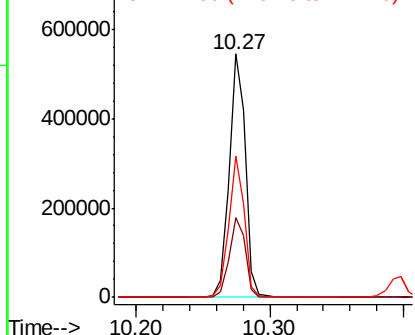
#61
4-Chlorophenyl-phenylether
Concen: 39.497 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 465134
Ion Ratio Lower Upper
204 100
206 33.0 26.9 40.3
141 57.7 48.8 73.2

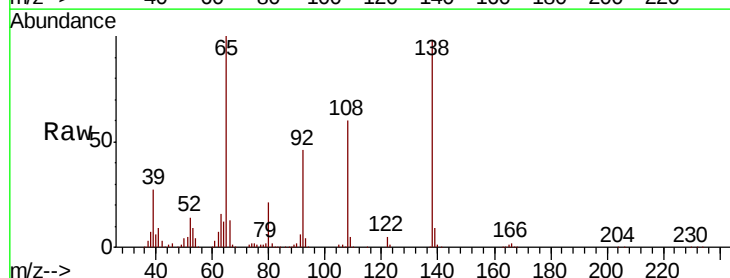


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

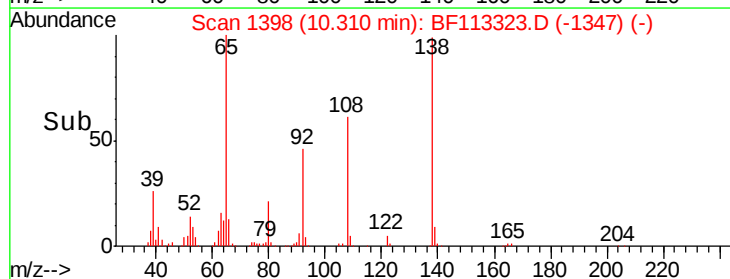
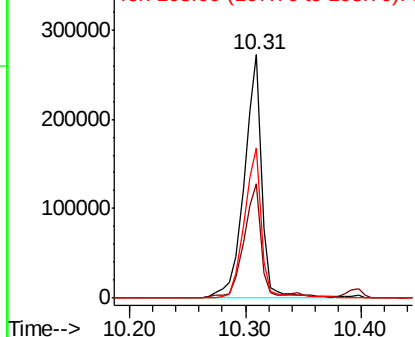


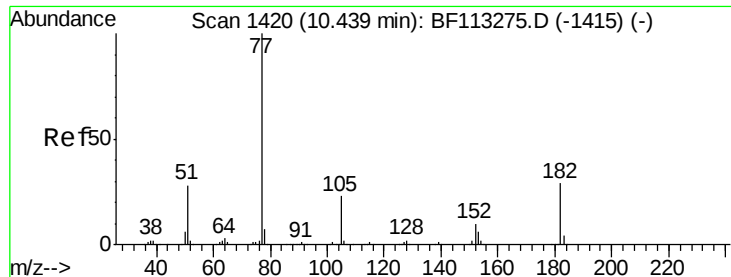
#62
4-Nitroaniline
Concen: 41.792 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

Tgt Ion:138 Resp: 286648
Ion Ratio Lower Upper
138 100
92 47.1 25.8 65.8
108 61.9 44.0 84.0



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





#63

Azobenzene

Concen: 39.955 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 966130

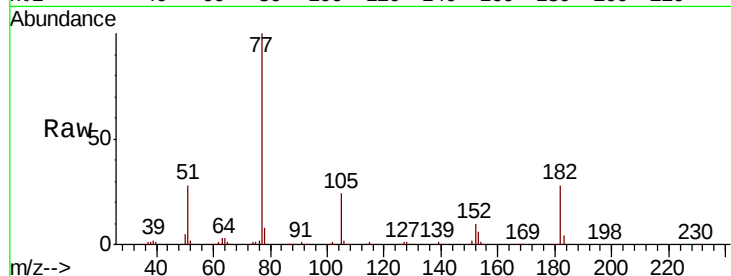
Ion Ratio Lower Upper

77 100

182 27.8 8.7 48.7

105 23.6 2.9 42.9

51 28.1 8.8 48.8

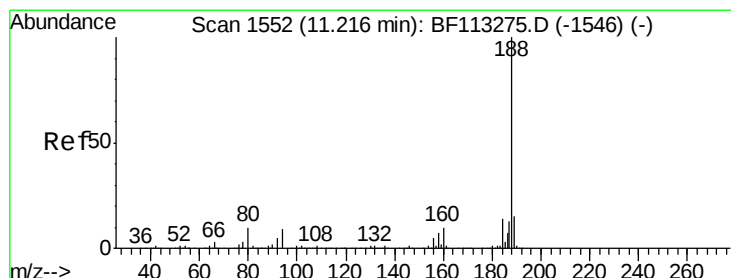
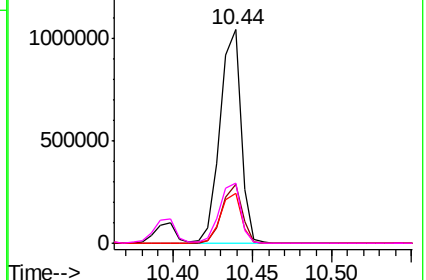
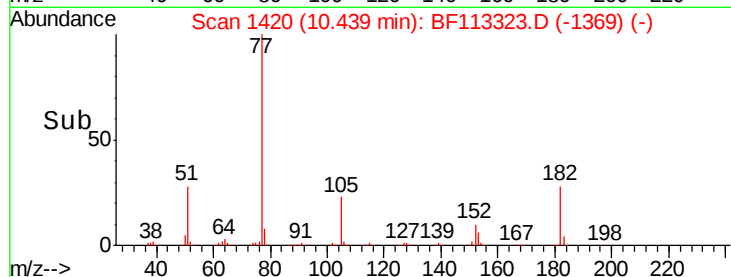


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

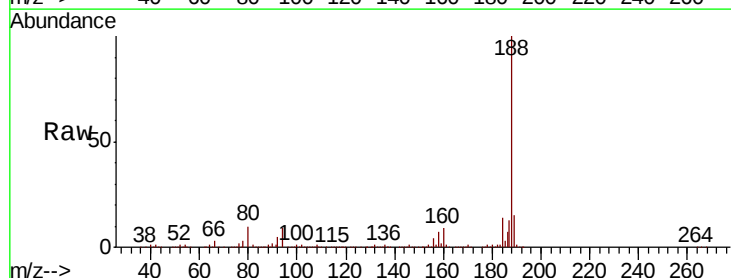
Tgt Ion: 188 Resp: 695207

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

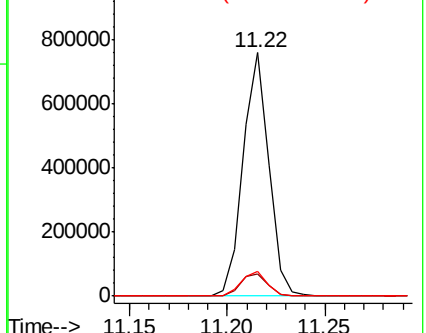
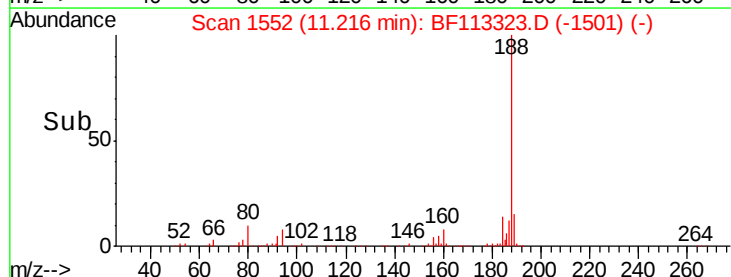
80 10.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

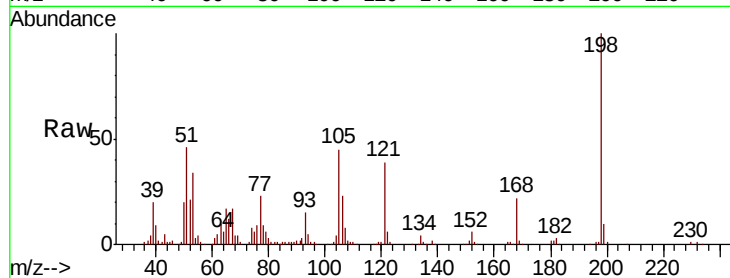




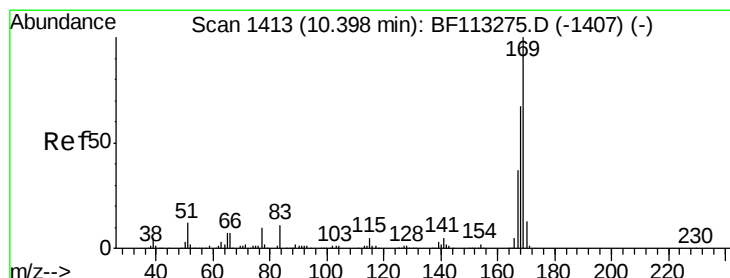
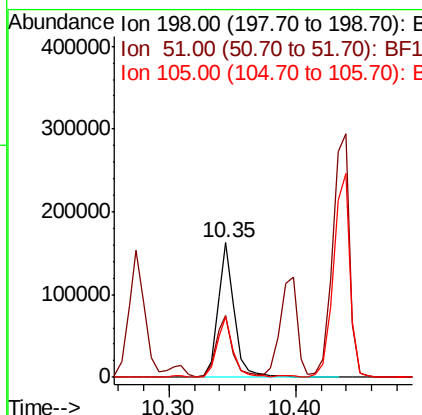
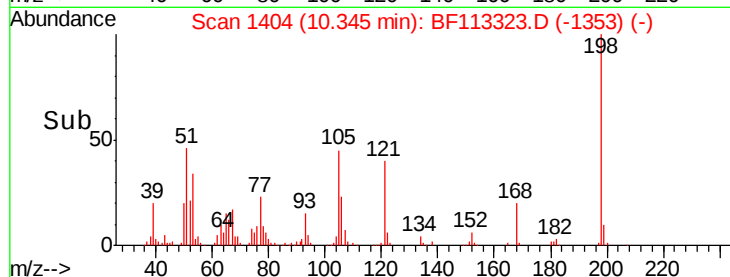
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.133 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
198	100		
51	46.0	21.6	61.6
105	44.8	20.6	60.6

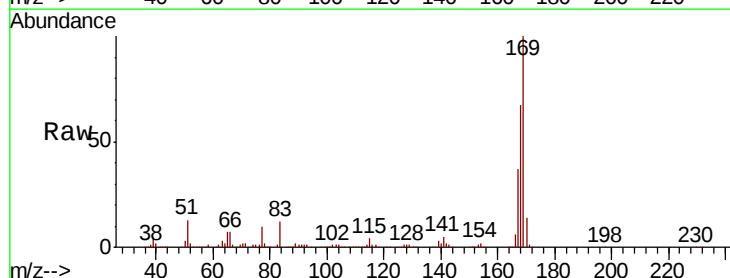


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

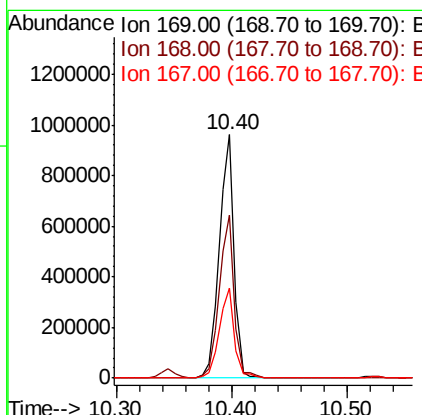
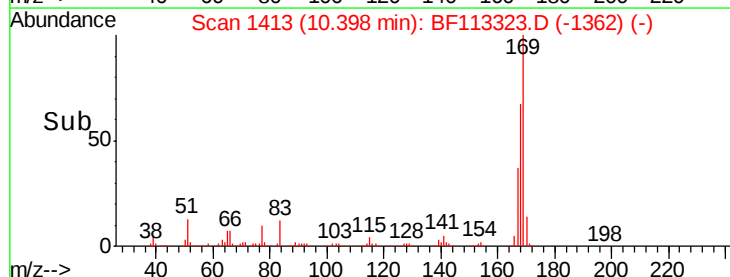


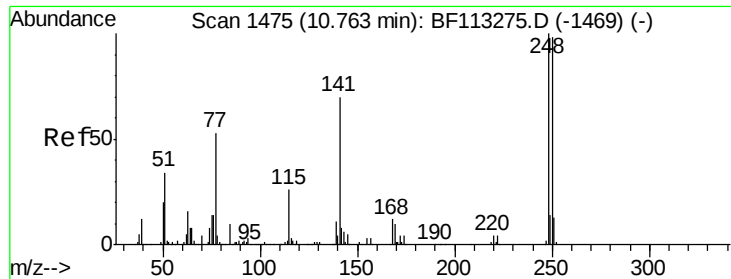
#66
 n-Nitrosodiphenylamine
 Concen: 39.828 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.7	80.5
167	37.0	29.5	44.3



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

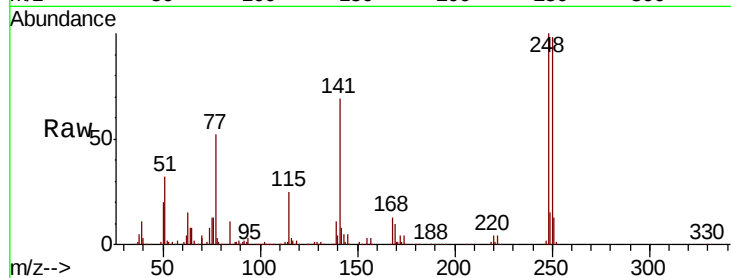




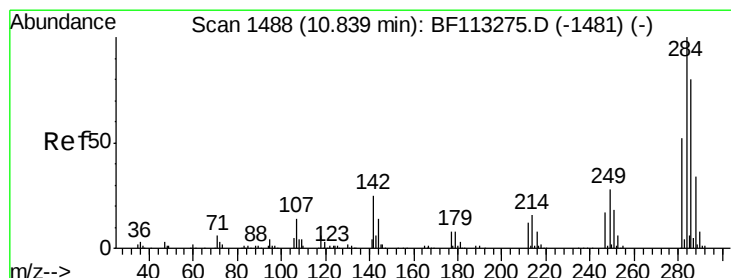
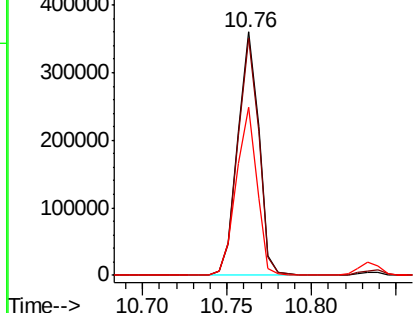
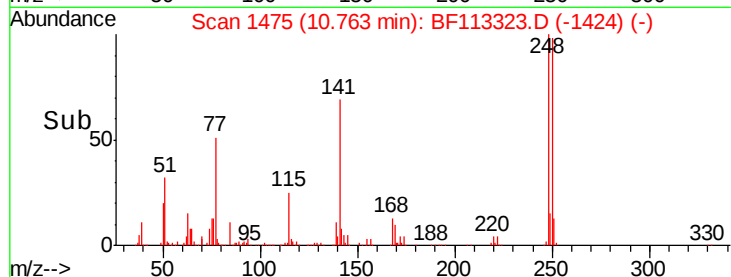
#67
4-Bromophenyl-phenylether
Concen: 41.308 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 312999
Ion Ratio Lower Upper
248 100
250 97.5 78.3 117.5
141 68.8 56.2 84.4

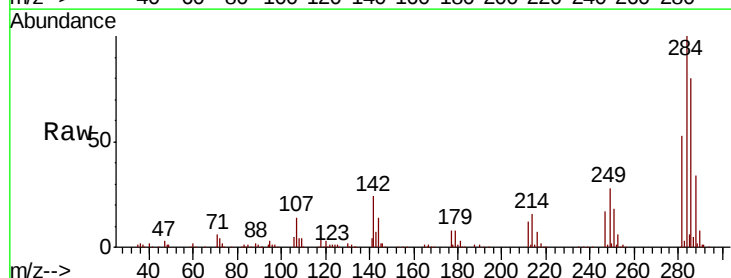


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

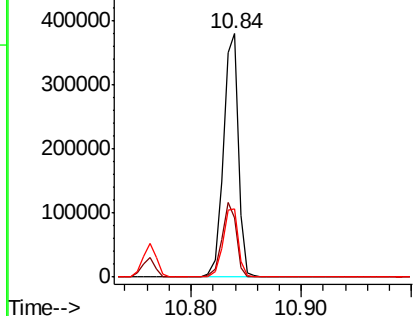
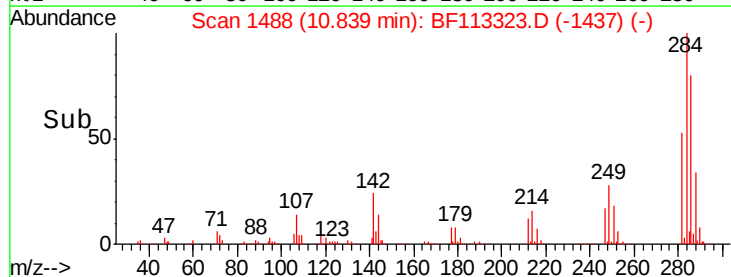


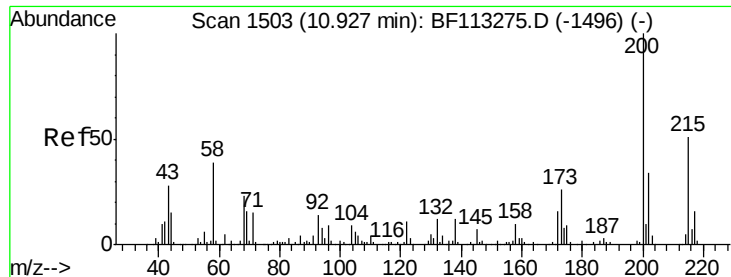
#68
Hexachlorobenzene
Concen: 40.954 ng
RT: 10.84 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

Tgt Ion:284 Resp: 360196
Ion Ratio Lower Upper
284 100
142 24.2 20.1 30.1
249 28.2 22.7 34.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

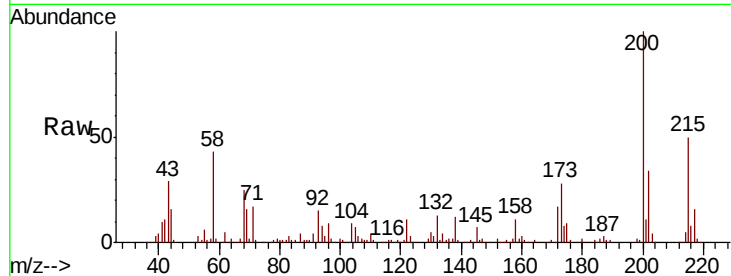




#69
 Atrazine
 Concen: 41.025 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.7	6.0	46.0
215	50.0	31.3	71.3

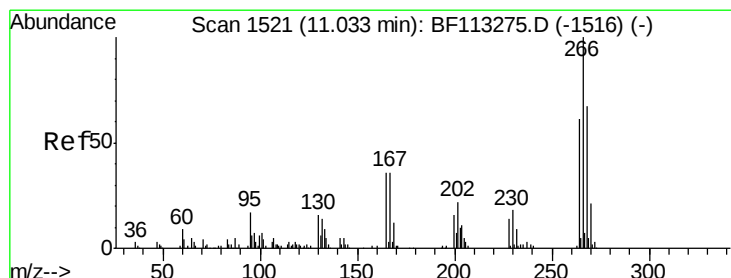
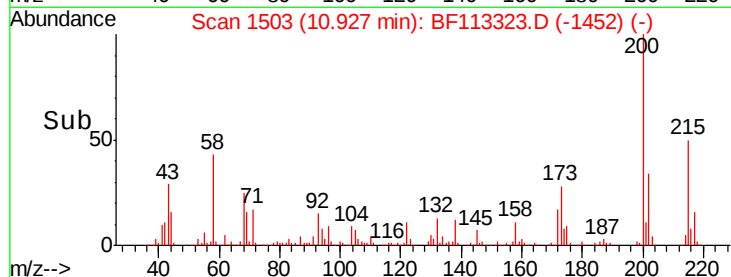
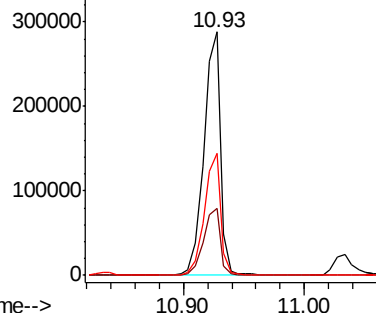


Abundance

Ion 200.00 (199.70 to 200.70): E

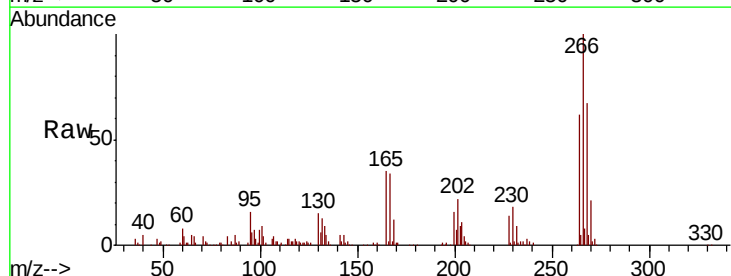
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 42.958 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.4	53.8	80.6
264	61.6	49.2	73.8

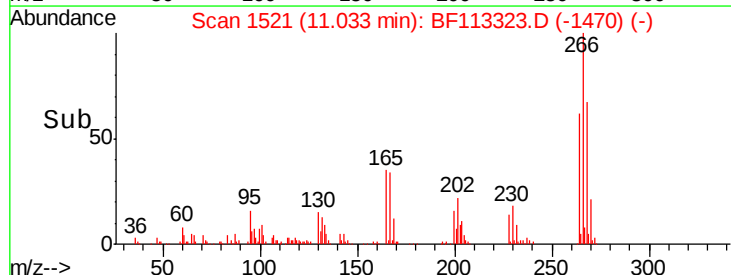
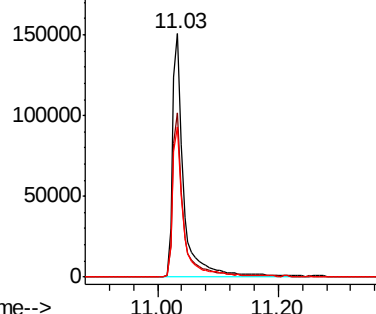


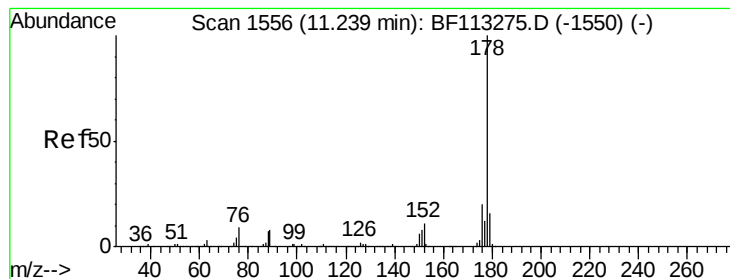
Abundance

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: 40.546 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

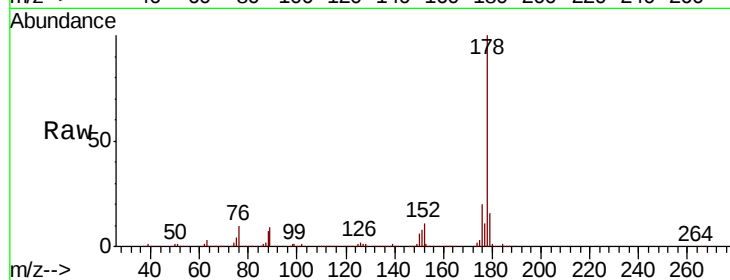
Tgt Ion:178 Resp: 1399823

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.2

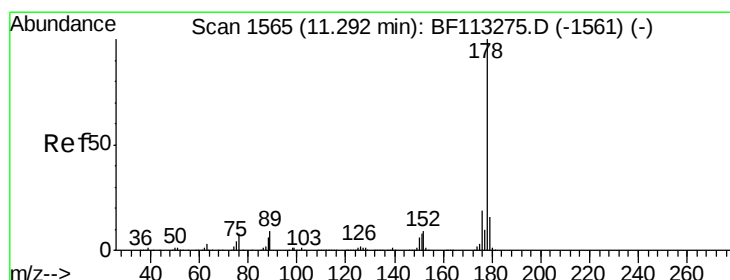
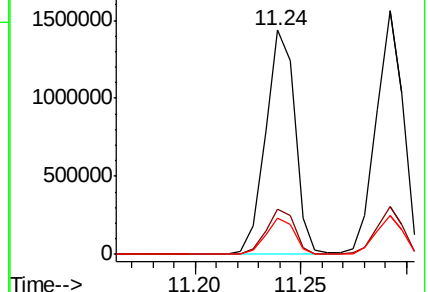
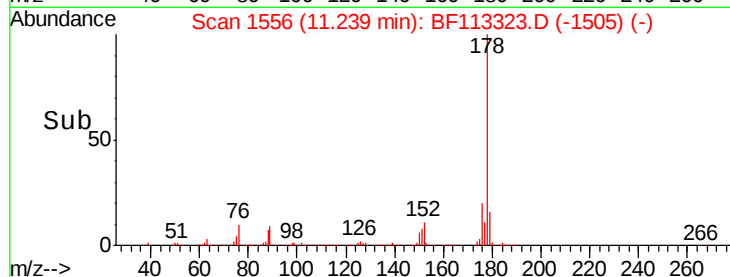
179 16.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.464 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

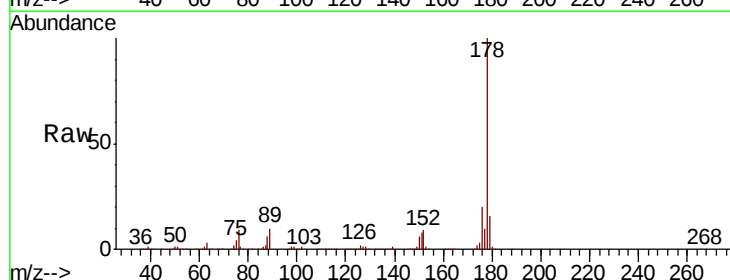
Tgt Ion:178 Resp: 1418982

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

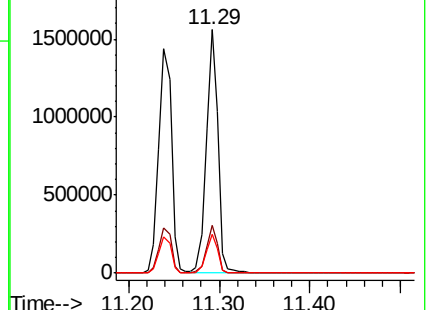
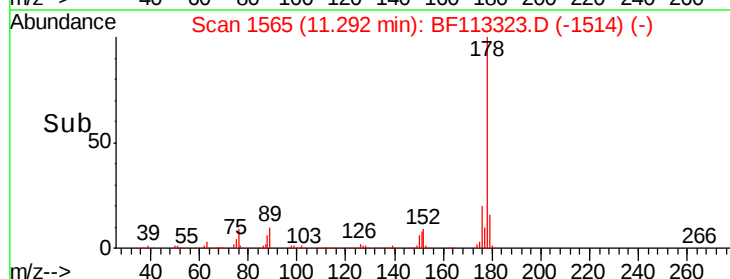
179 15.9 12.8 19.2

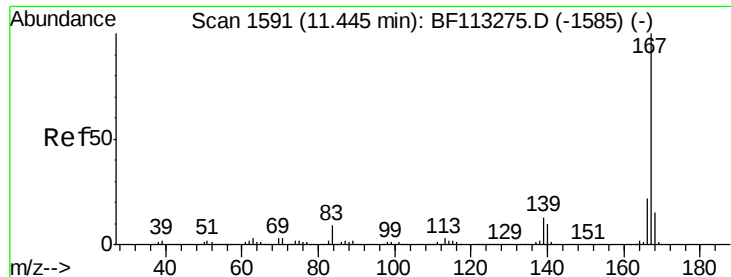


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

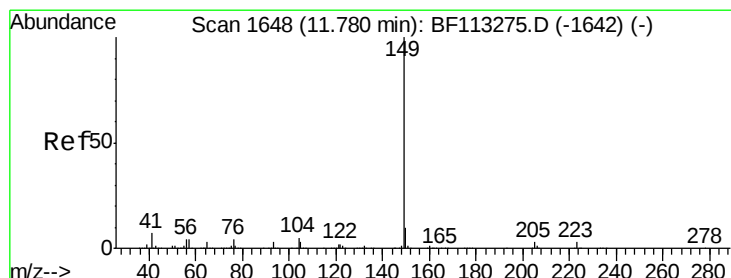
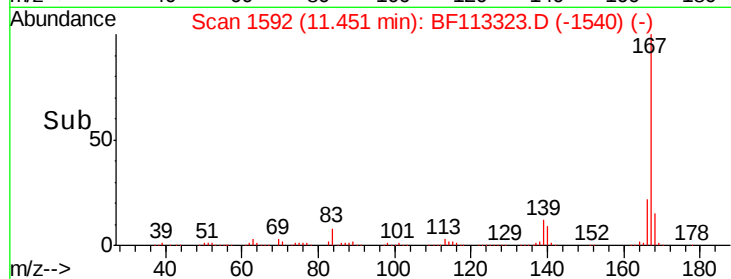
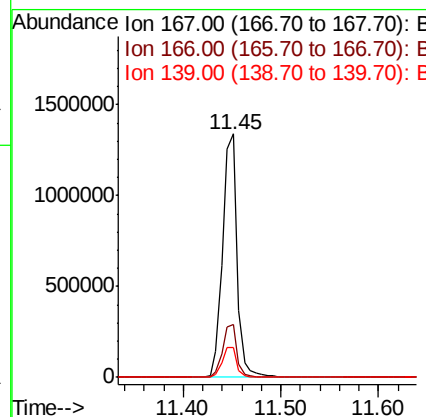
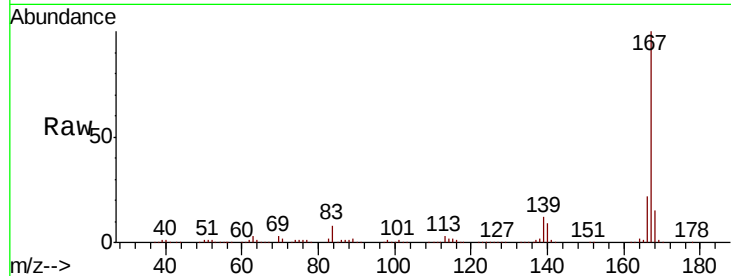




#73
 Carbazole
 Concen: 41.585 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

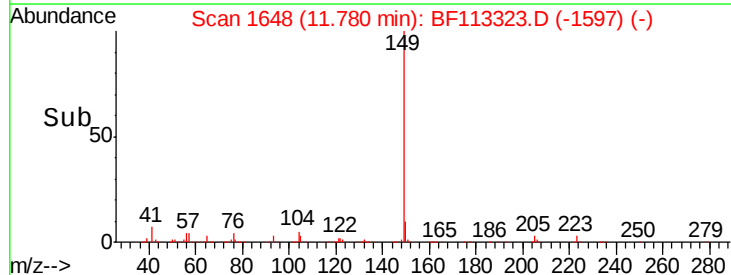
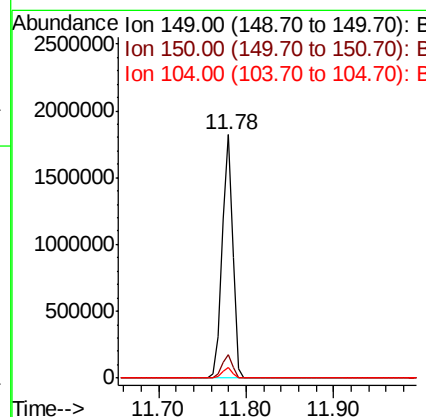
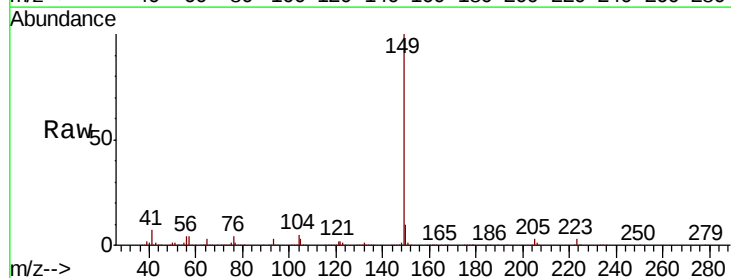
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

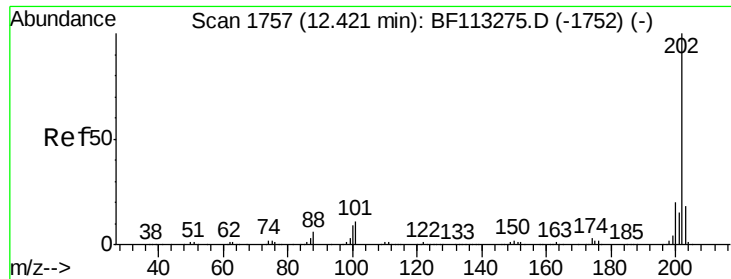
Tgt Ion:167 Resp: 1391505
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 12.4 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 39.605 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

Tgt Ion:149 Resp: 1536840
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 4.6 3.7 5.5

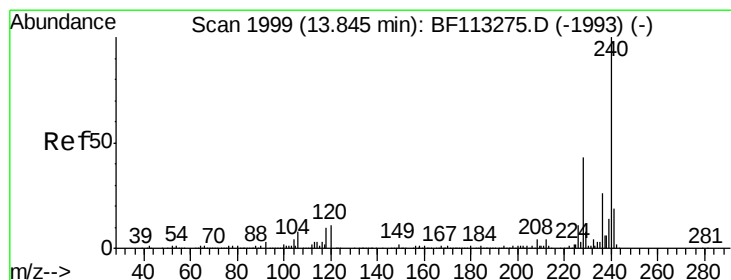
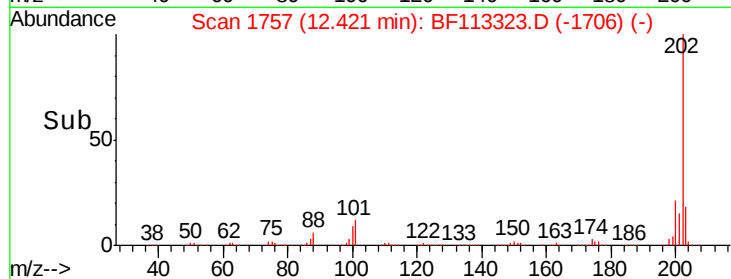
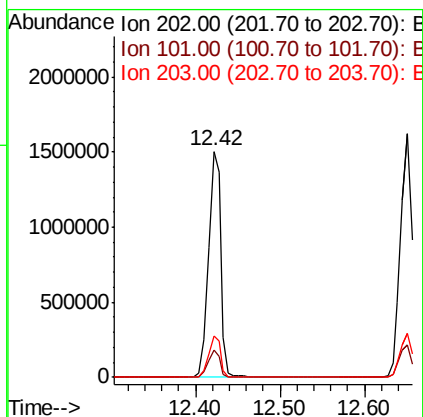
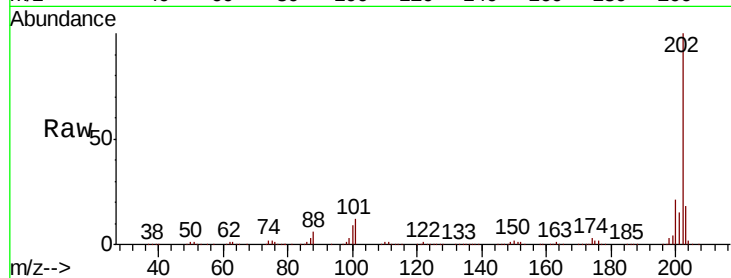




#75
 Fluoranthene
 Concen: 39.472 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

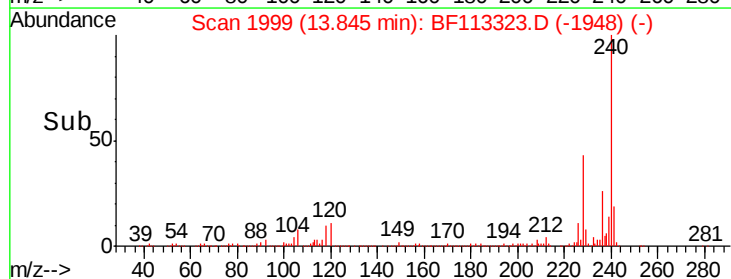
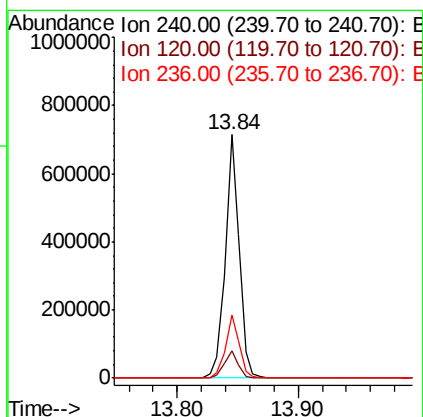
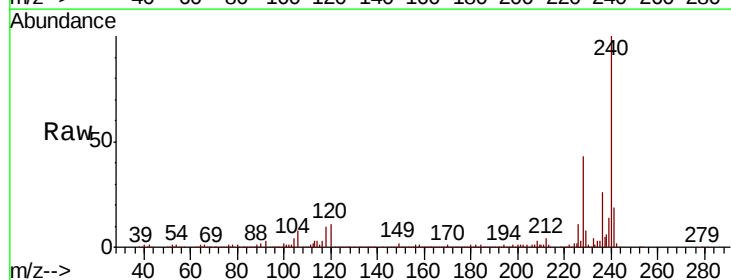
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

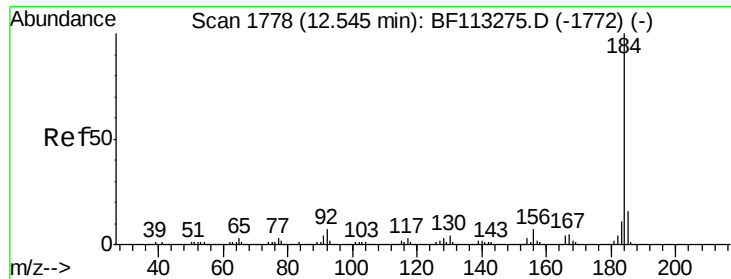
Tgt Ion: 202 Resp: 1540536
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 31.4
 203 18.1 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.00 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

Tgt Ion: 240 Resp: 565559
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.8 13.2
 236 26.1 20.9 31.3





#77

Benzidine

Concen: 39.483 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

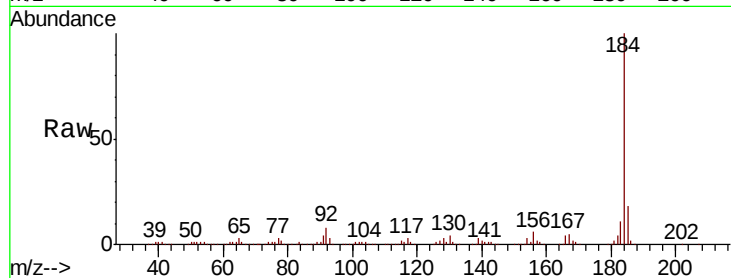
Tgt Ion:184 Resp: 855113

Ion Ratio Lower Upper

184 100

185 17.6 13.0 19.6

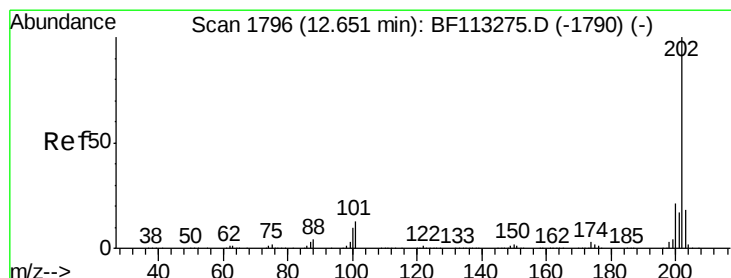
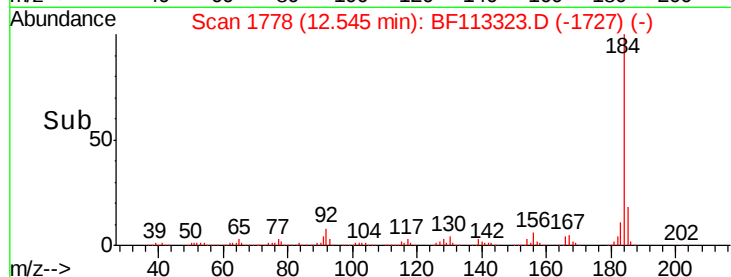
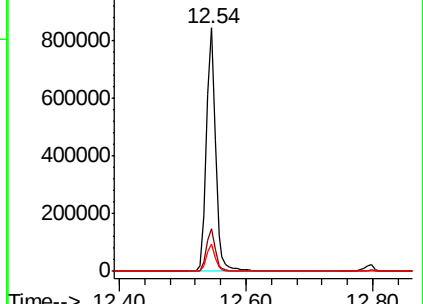
183 11.1 9.0 13.4



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: 40.289 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

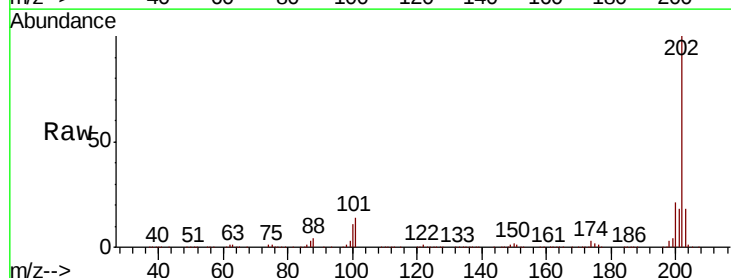
Tgt Ion:202 Resp: 1578968

Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

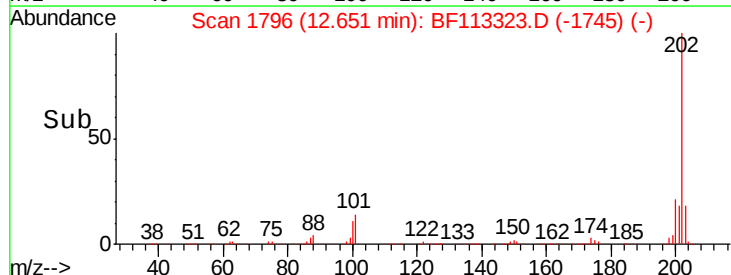
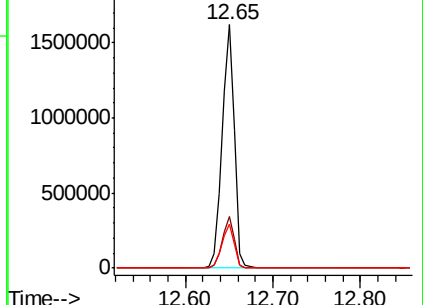
203 18.3 14.4 21.6

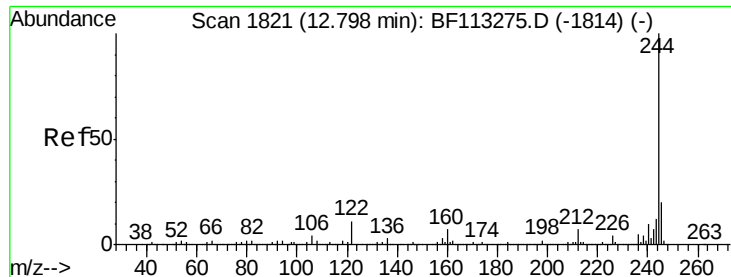


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

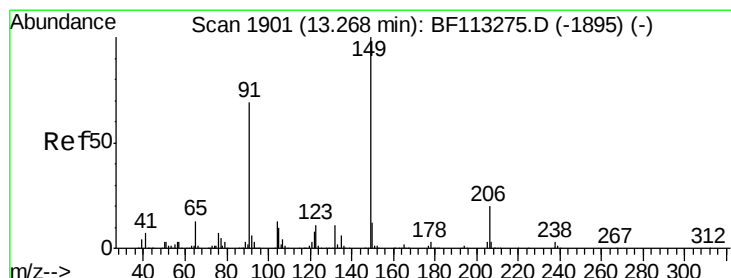
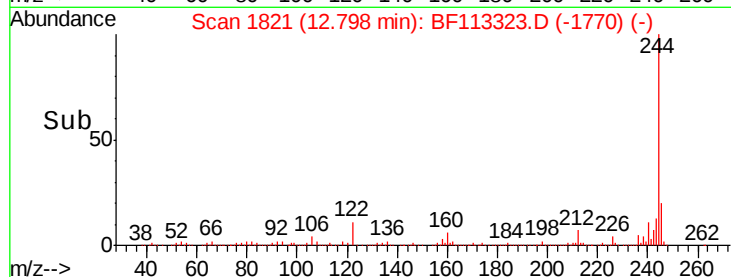
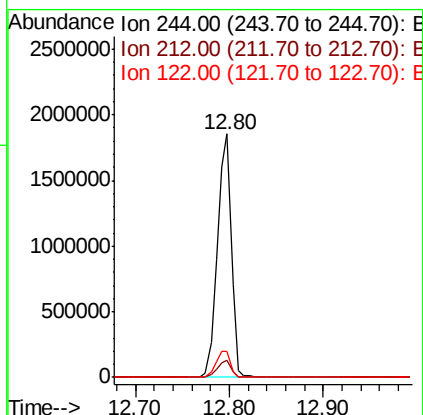
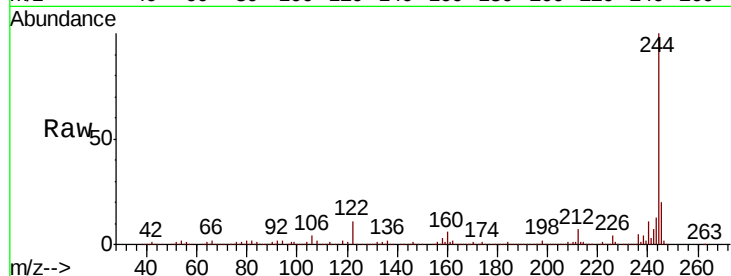




#79
 Terphenyl-d14
 Concen: 75.195 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

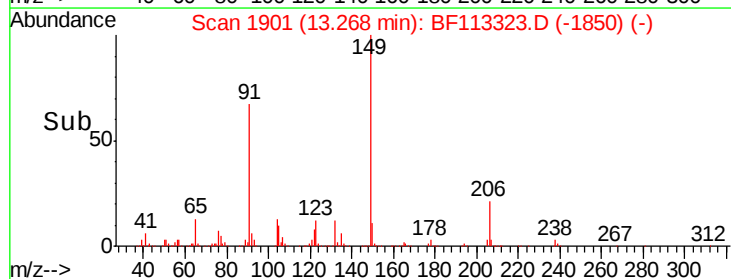
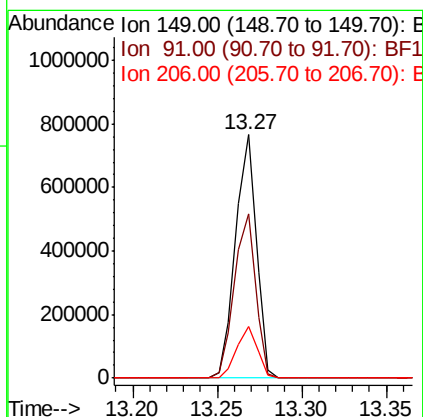
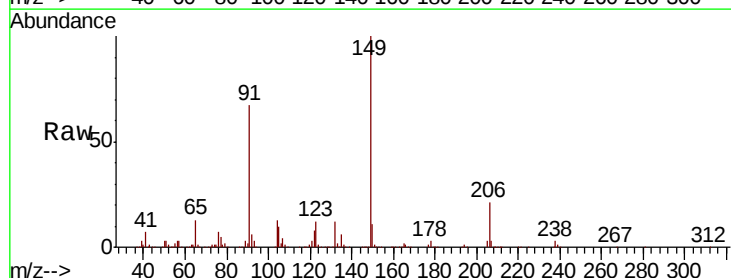
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

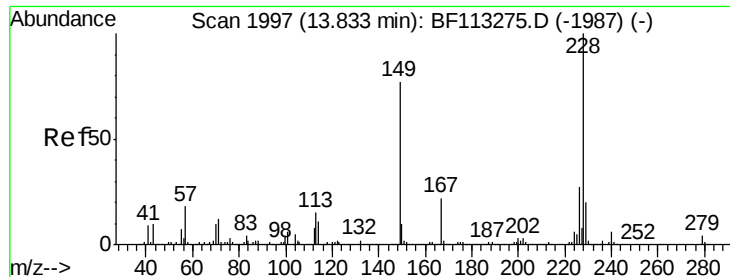
Tgt Ion: 244 Resp: 1929398
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 10.7 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 38.340 ng
 RT: 13.27 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BF113323.D
 Acq: 27 Mar 2019 11:03

Tgt Ion: 149 Resp: 662217
 Ion Ratio Lower Upper
 149 100
 91 67.4 55.2 82.8
 206 21.5 16.1 24.1





#81

Benzo(a)anthracene

Concen: 39.654 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

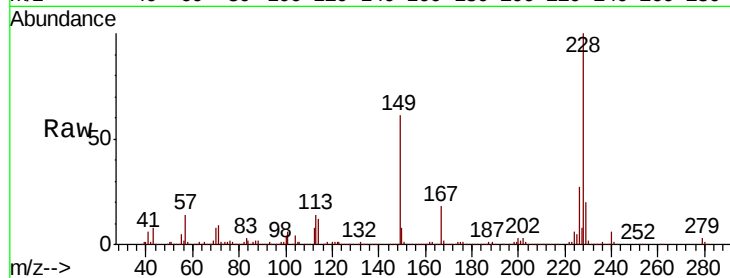
Tgt Ion:228 Resp: 1283741

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

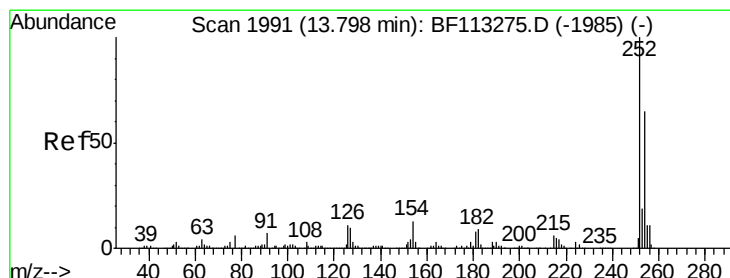
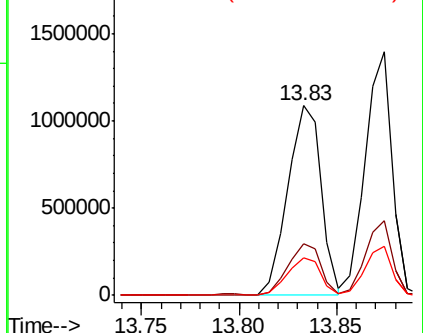
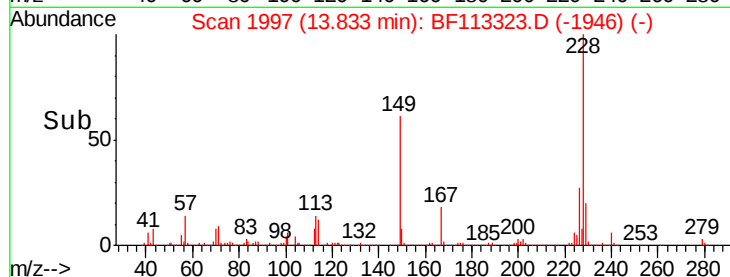
229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.196 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

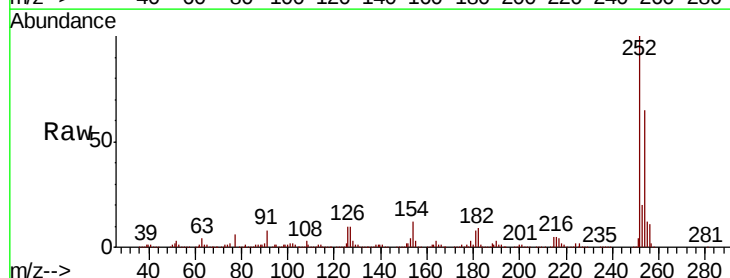
Tgt Ion:252 Resp: 560997

Ion Ratio Lower Upper

252 100

254 64.8 52.2 78.2

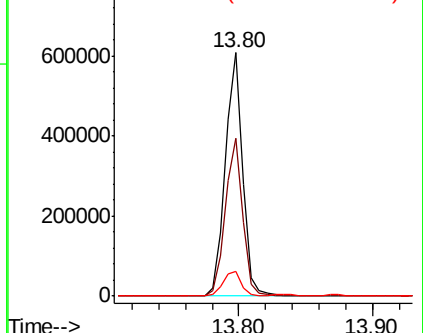
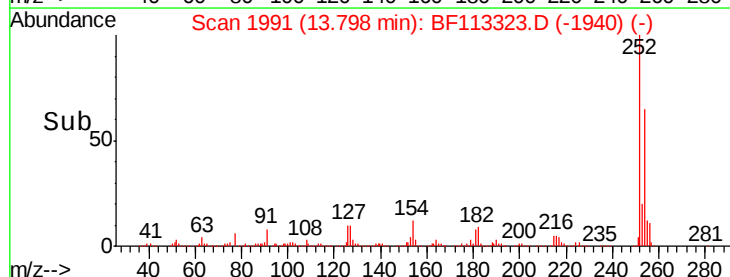
126 10.1 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

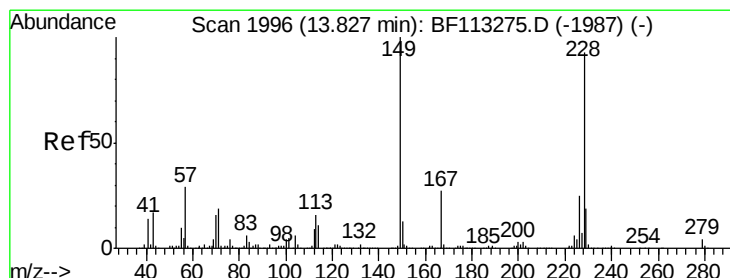
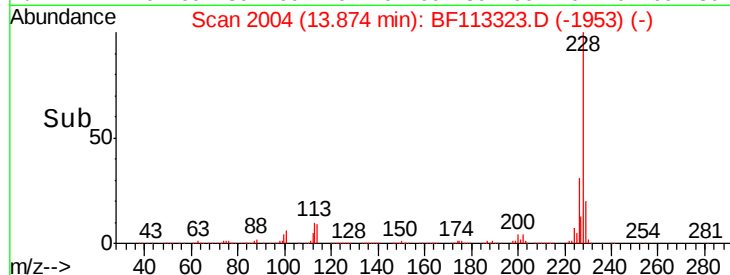
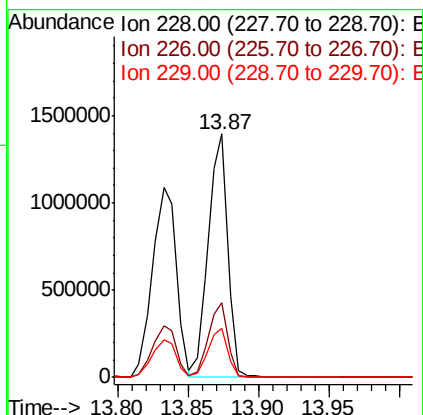
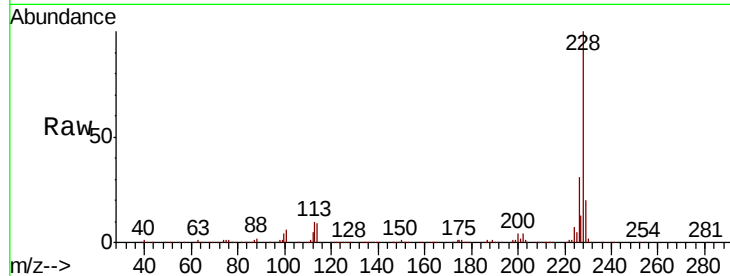




#83
Chrysene
Concen: 40.803 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

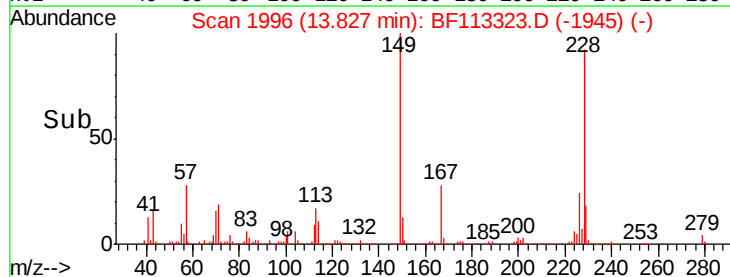
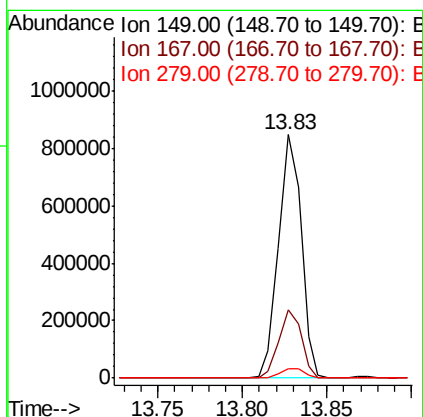
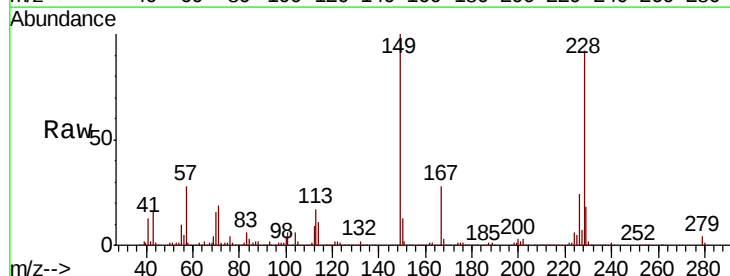
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

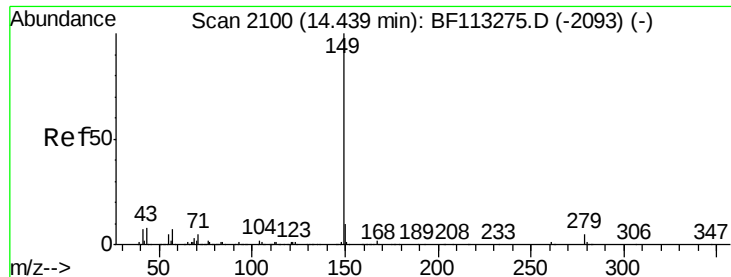
Tgt Ion: 228 Resp: 1341726
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 20.3 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.245 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

Tgt Ion: 149 Resp: 788619
Ion Ratio Lower Upper
149 100
167 27.9 21.8 32.8
279 4.1 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 41.063 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

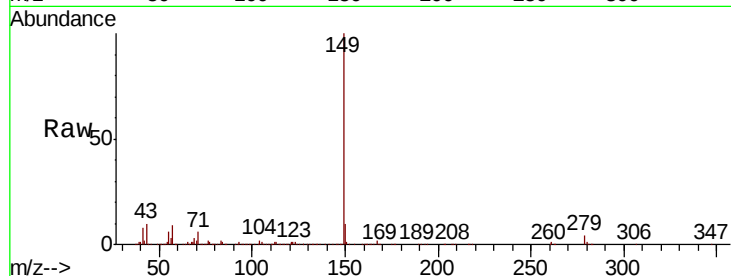
Tgt Ion:149 Resp: 1475850

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

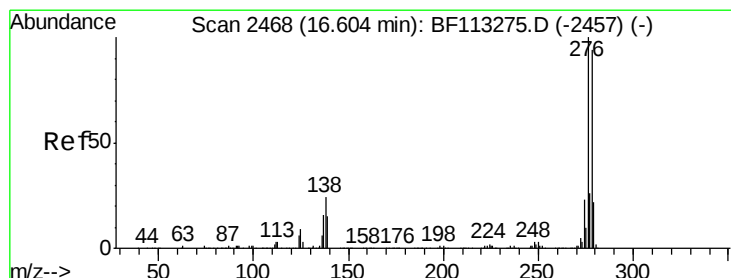
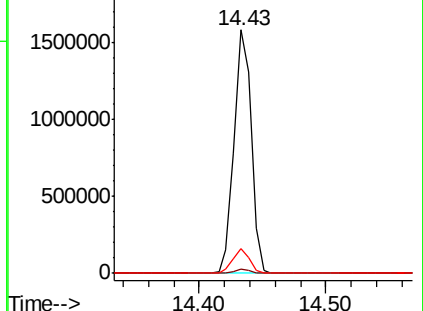
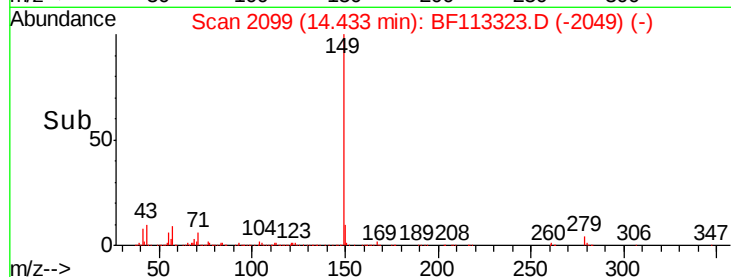
43 9.6 7.7 11.5



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: 41.426 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

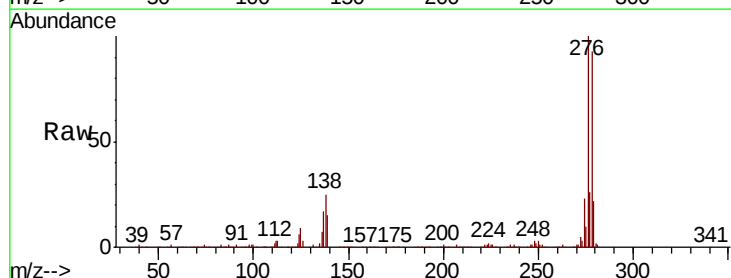
Tgt Ion:276 Resp: 1169063

Ion Ratio Lower Upper

276 100

138 24.1 18.1 27.1

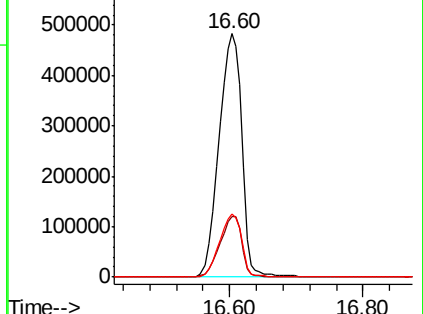
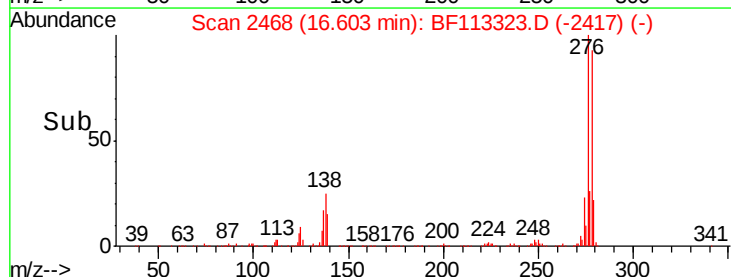
277 25.4 20.2 30.4

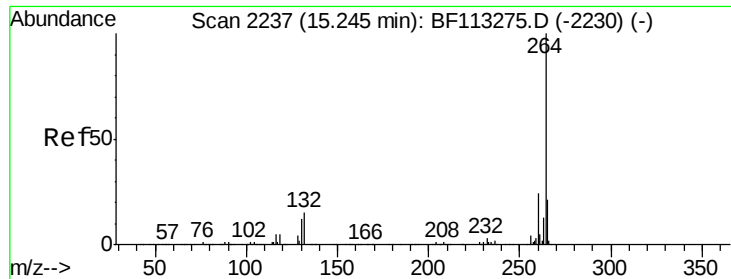


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

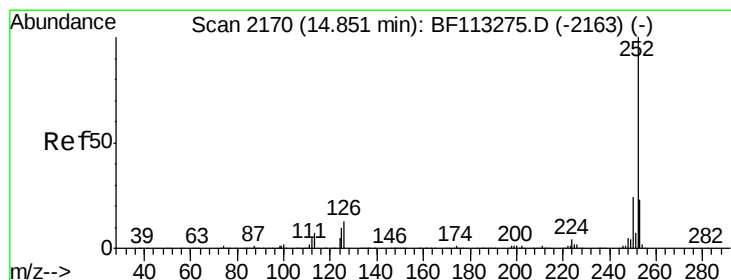
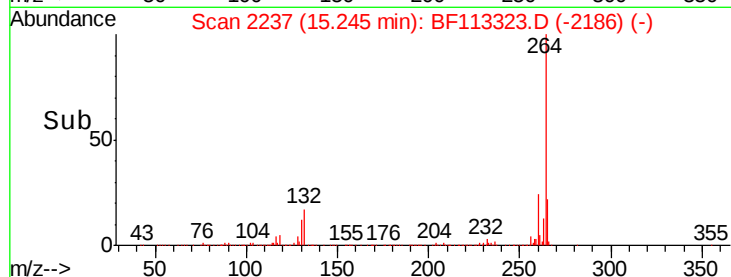
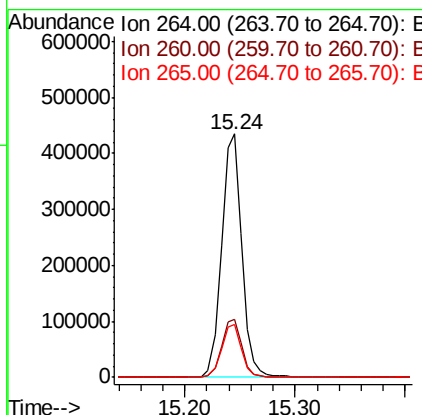
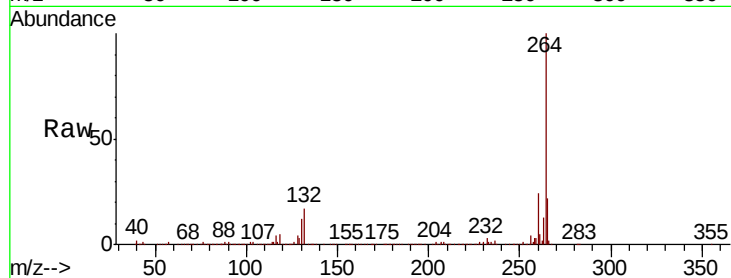




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

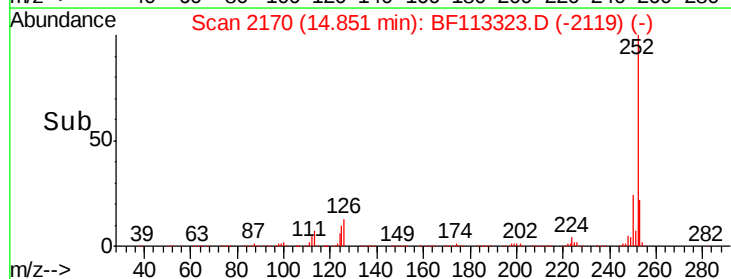
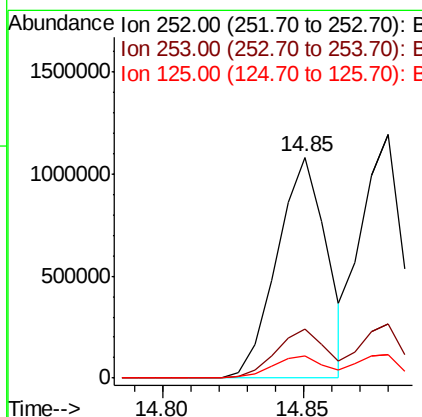
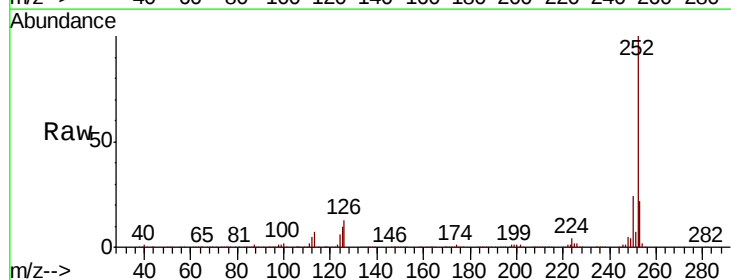
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

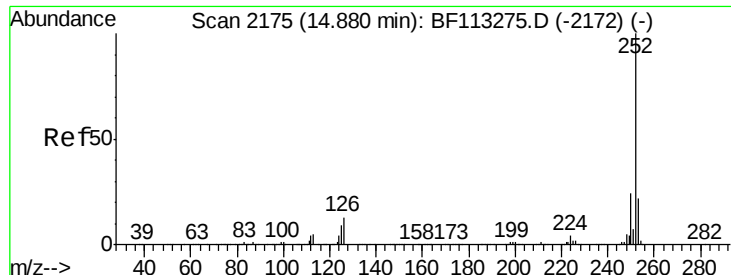
Tgt Ion:264 Resp: 555094
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 21.7 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 38.359 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF113323.D
Acq: 27 Mar 2019 11:03

Tgt Ion:252 Resp: 1322710
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 10.2 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 39.933 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

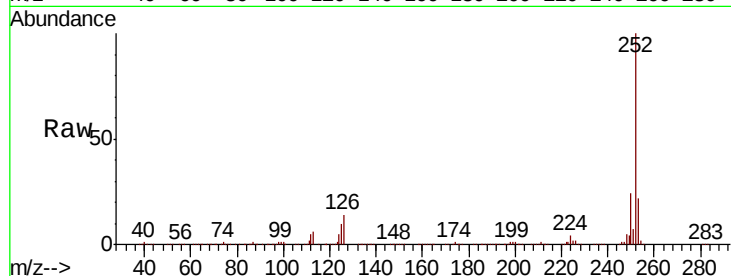
Tgt Ion:252 Resp: 1209233

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

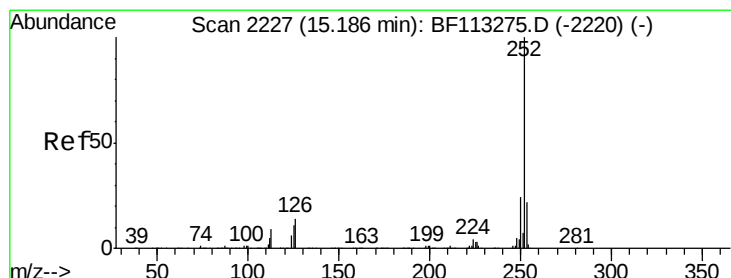
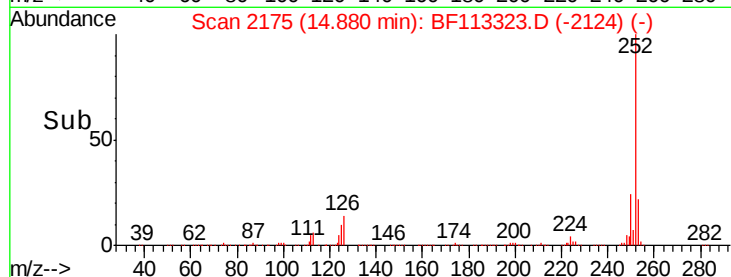
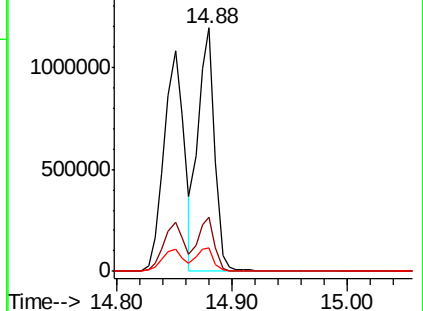
125 9.5 7.3 10.9



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: 39.327 ng

RT: 15.19 min Scan# 2228

Delta R.T. 0.01 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

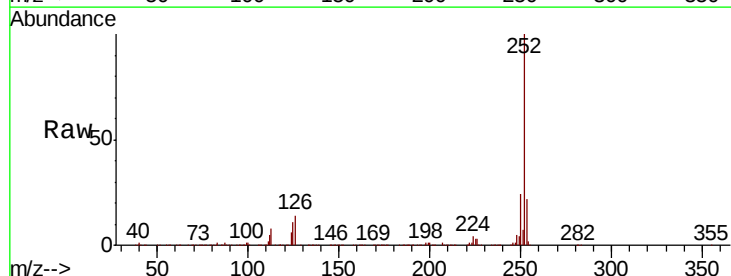
Tgt Ion:252 Resp: 1202226

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

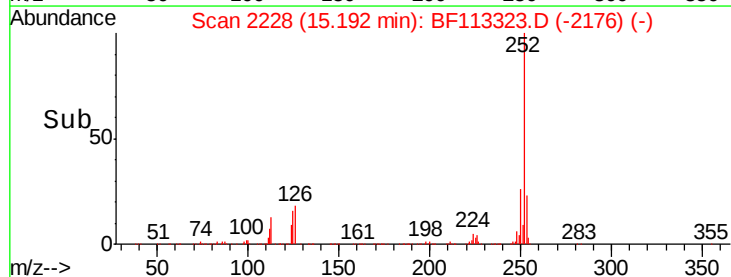
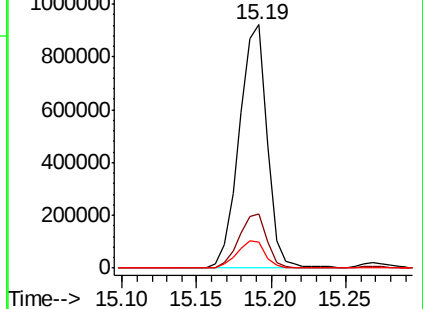
125 10.5 8.8 13.2

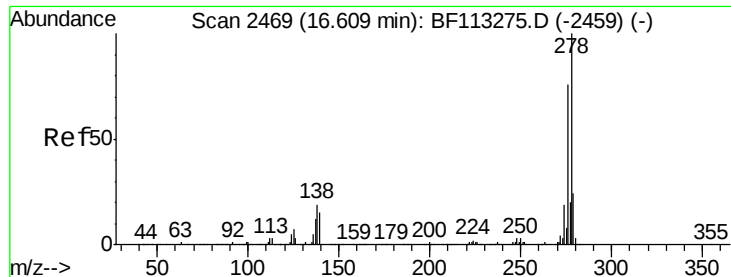


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 36.552 ng

RT: 16.62 min Scan# 2470

Delta R.T. 0.01 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

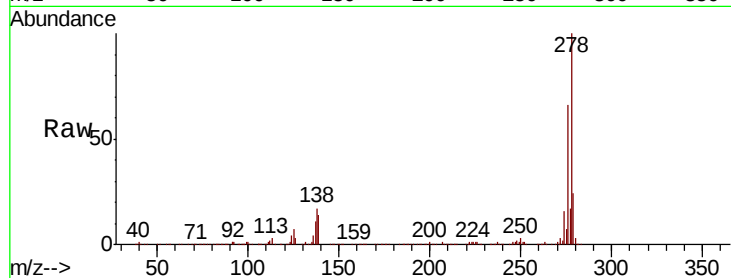
Tgt Ion: 278 Resp: 966151

Ion Ratio Lower Upper

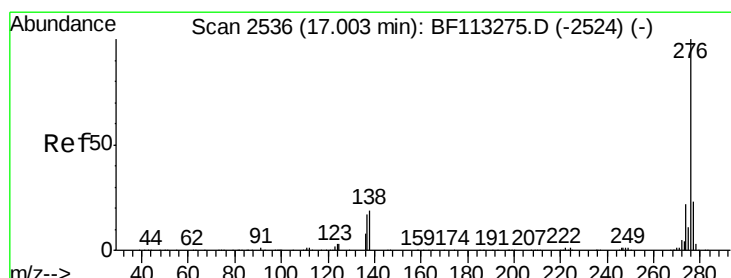
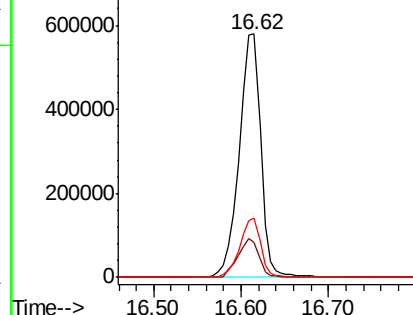
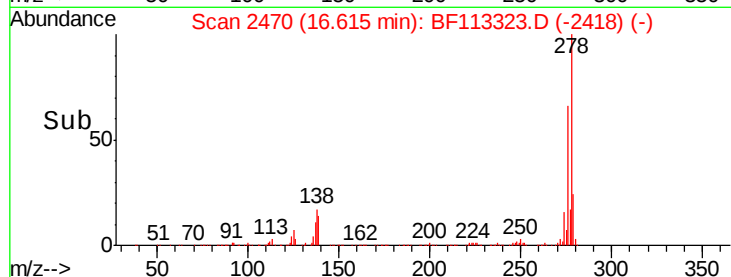
278 100

139 14.4 12.0 18.0

279 24.5 19.0 28.6



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: 35.311 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.00 min

Lab File: BF113323.D

Acq: 27 Mar 2019 11:03

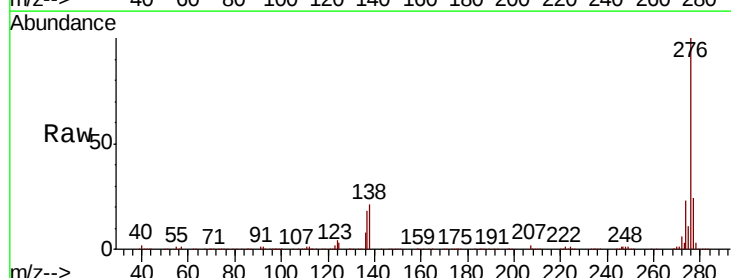
Tgt Ion: 276 Resp: 941106

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 21.4 15.6 23.4



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

