

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032519\
 Data File : BF113280.D
 Acq On : 25 Mar 2019 15:39
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032519

Quant Time: Mar 26 03:57:55 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	150338	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	620759	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	297672	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	600061	20.00	ng	0.00
76) Chrysene-d12	13.84	240	508947	20.00	ng	0.00
87) Perylene-d12	15.24	264	458308	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	679894	73.95	ng	0.00
7) Phenol-d6	6.35	99	890331	76.55	ng	0.00
23) Nitrobenzene-d5	7.27	82	832740	79.62	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	294107	79.99	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1569359	82.01	ng	0.00
79) Terphenyl-d14	12.80	244	1815939	78.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	165394	35.455	ng	98
3) Pyridine	3.06	79	458984	39.911	ng	98
4) n-Nitrosodimethylamine	3.00	42	197755	38.681	ng	96
6) Aniline	6.37	93	555177	39.195	ng	92
8) 2-Chlorophenol	6.49	128	412417	38.627	ng	99
9) Benzaldehyde	6.25	77	310625	39.798	ng	100
10) Phenol	6.37	94	522263	39.331	ng	99
11) bis(2-Chloroethyl)ether	6.44	93	394021	38.710	ng	99
12) 1,3-Dichlorobenzene	6.65	146	442702	38.466	ng	99
13) 1,4-Dichlorobenzene	6.72	146	449797	40.477	ng	99
14) 1,2-Dichlorobenzene	6.87	146	415785	38.033	ng	99
15) Benzyl Alcohol	6.85	79	310859	40.512	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	620119	40.555	ng	98
17) 2-Methylphenol	6.97	107	330011	39.440	ng	100
18) Hexachloroethane	7.22	117	164929	41.322	ng	99
19) n-Nitroso-di-n-propylamine	7.12	70	272900	37.353	ng	95
20) 3+4-Methylphenols	7.13	107	398119	40.709	ng	97
22) Acetophenone	7.12	105	533448	37.682	ng	99
24) Nitrobenzene	7.29	77	437844	40.119	ng	94
25) Isophorone	7.53	82	777189	38.345	ng	97
26) 2-Nitrophenol	7.60	139	233109	40.409	ng	97
27) 2,4-Dimethylphenol	7.65	122	331814	39.986	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	509539	39.921	ng	98
29) 2,4-Dichlorophenol	7.86	162	358521	39.868	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	394245	40.635	ng	97
31) Naphthalene	8.01	128	1209440	39.869	ng	100
32) Benzoic acid	7.79	122	259577	38.861	ng	97
33) 4-Chloroaniline	8.06	127	485109	41.010	ng	98
34) Hexachlorobutadiene	8.13	225	236328	40.983	ng	98
35) Caprolactam	8.43	113	119786	41.504	ng	95
36) 4-Chloro-3-methylphenol	8.55	107	371392	41.061	ng	97
37) 2-Methylnaphthalene	8.70	142	791493	41.816	ng	99
38) 1-Methylnaphthalene	8.80	142	758998	41.689	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	387438	40.547	ng	99

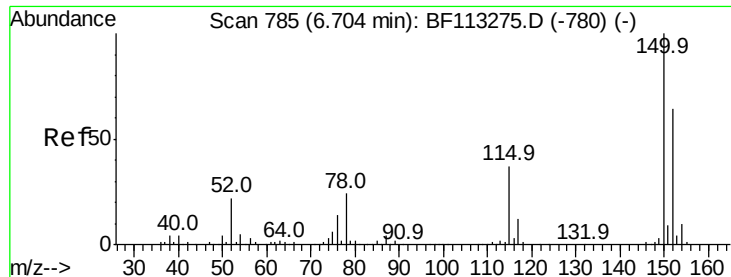
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032519\
 Data File : BF113280.D
 Acq On : 25 Mar 2019 15:39
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	153783	38.023	ng	100
43) 2,4,6-Trichlorophenol	8.98	196	242492	38.971	ng	97
44) 2,4,5-Trichlorophenol	9.03	196	264506	38.411	ng	99
46) 1,1'-Biphenyl	9.16	154	989096	39.784	ng	99
47) 2-Chloronaphthalene	9.19	162	749091	39.133	ng	99
48) 2-Nitroaniline	9.29	65	241447	40.193	ng	96
49) Acenaphthylene	9.60	152	1259458	40.692	ng	99
50) Dimethylphthalate	9.47	163	882459	40.003	ng	100
51) 2,6-Dinitrotoluene	9.53	165	199083	40.003	ng	96
52) Acenaphthene	9.77	154	680533	39.044	ng	100
53) 3-Nitroaniline	9.69	138	228295	40.678	ng	91
54) 2,4-Dinitrophenol	9.80	184	94311	38.102	ng	97
55) Dibenzofuran	9.95	168	1060378	40.467	ng	98
56) 4-Nitrophenol	9.87	139	159616	39.892	ng	97
57) 2,4-Dinitrotoluene	9.93	165	261731	41.356	ng	96
58) Fluorene	10.29	166	793216	38.967	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	234947	40.346	ng	98
60) Diethylphthalate	10.16	149	823362	38.047	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	392760	39.588	ng	95
62) 4-Nitroaniline	10.30	138	231858	40.125	ng	97
63) Azobenzene	10.44	77	823390	40.420	ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	127243	38.763	ng	97
66) n-Nitrosodiphenylamine	10.40	169	711591	38.646	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	263539	40.295	ng	98
68) Hexachlorobenzene	10.83	284	314427	41.419	ng	# 94
69) Atrazine	10.92	200	229745	39.531	ng	94
70) Pentachlorophenol	11.03	266	158294	40.022	ng	99
71) Phenanthrene	11.24	178	1205286	40.447	ng	99
72) Anthracene	11.29	178	1201635	39.700	ng	100
73) Carbazole	11.44	167	1162630	40.254	ng	100
74) Di-n-butylphthalate	11.78	149	1342520	40.084	ng	100
75) Fluoranthene	12.42	202	1400965	41.587	ng	99
77) Benzidine	12.54	184	719583	36.921	ng	# 94
78) Pyrene	12.65	202	1426671	40.452	ng	99
80) Butylbenzylphthalate	13.27	149	612896	39.432	ng	98
81) Benzo(a)anthracene	13.83	228	1172874	40.259	ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	465658	39.843	ng	99
83) Chrysene	13.87	228	1202551	40.639	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	750834	39.405	ng	99
85) Di-n-octyl phthalate	14.43	149	1371938	42.418	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1034602	40.739	ng	99
88) Benzo(b)fluoranthene	14.85	252	1153267	40.508	ng	99
89) Benzo(k)fluoranthene	14.87	252	990212	39.606	ng	98
90) Benzo(a)pyrene	15.19	252	991826	39.296	ng	99
91) Dibenzo(a,h)anthracene	16.61	278	849899	38.944	ng	100
92) Benzo(g,h,i)perylene	17.00	276	859696	39.069	ng	98

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

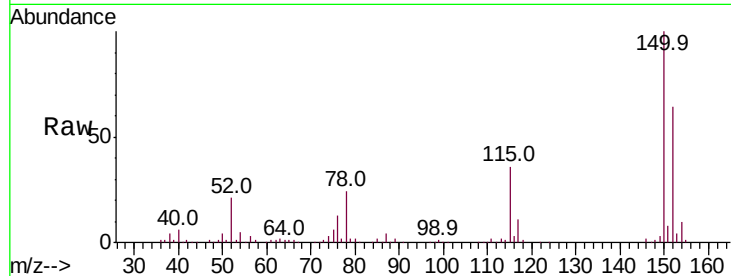


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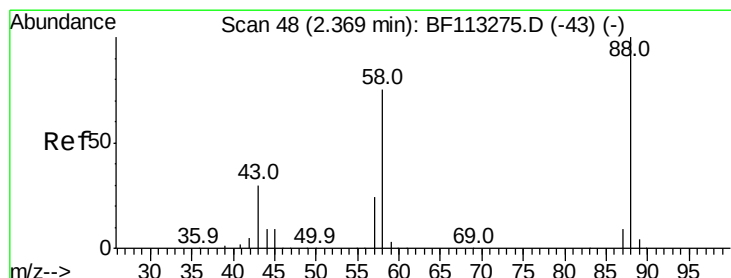
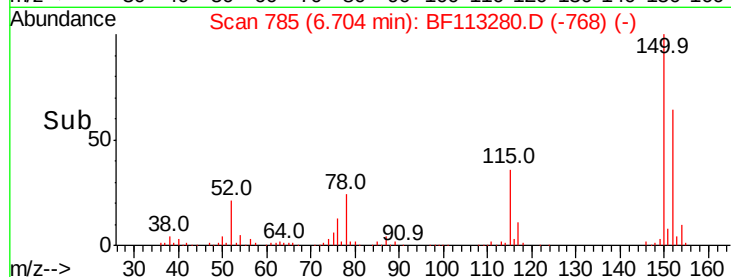
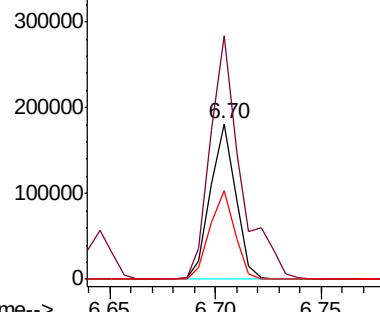
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

Instrument :
BNA_F
ClientSampleId :
ICVBF032519

Tot Ion:152 Resp: 150338
Ion Ratio Lower Upper
152 100
150 156.6 124.7 187.1
115 56.8 46.0 69.0



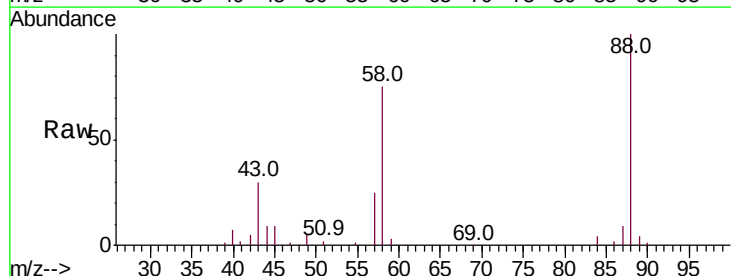
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



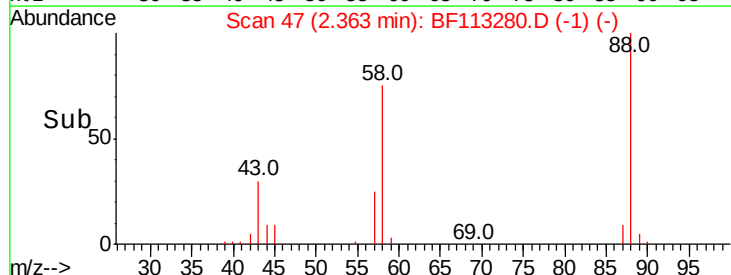
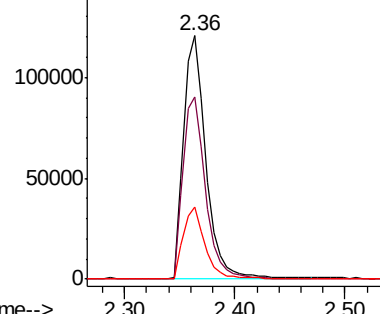
#2

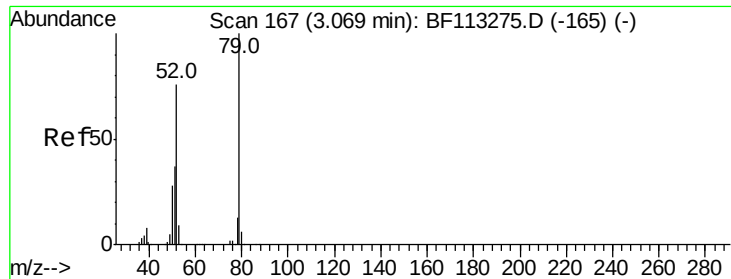
1,4-Dioxane
Concen: 35.455 ng
RT: 2.36 min Scan# 47
Delta R.T. -0.01 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

Tgt Ion: 88 Resp: 165394
Ion Ratio Lower Upper
88 100
58 76.1 61.9 92.9
43 29.2 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

Pvridine

Concen: 39.911 ng

RT: 3.06 min Scan# 166

Delta R.T. -0.01 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032519

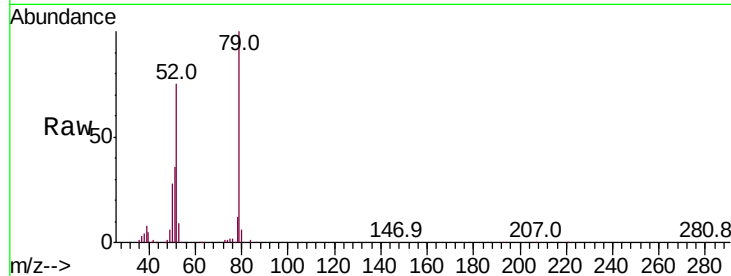
Tot Ion: 79 Resp: 458984

Ion Ratio Lower Upper

79 100

52 74.6 61.0 91.4

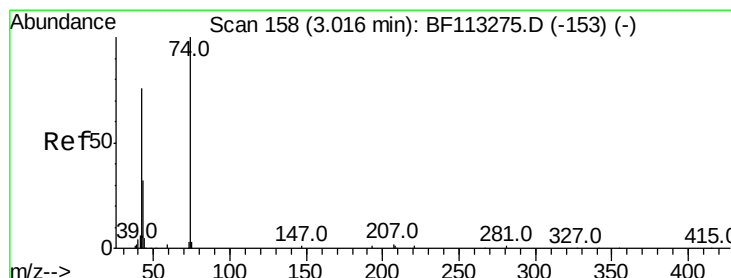
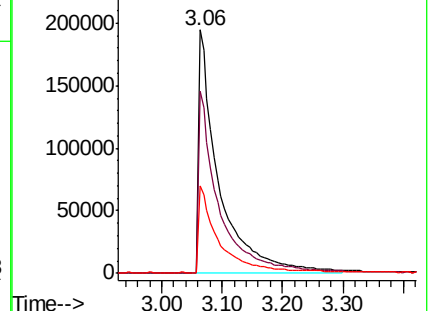
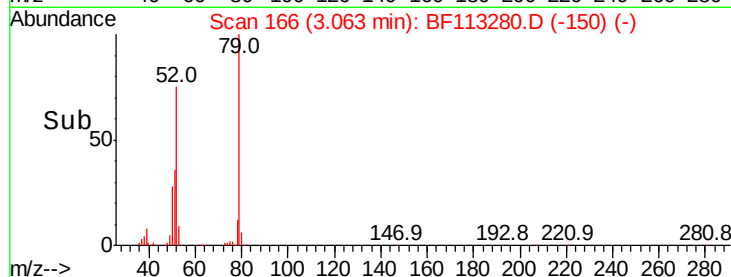
51 36.2 30.6 45.8



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: 38.681 ng

RT: 3.00 min Scan# 156

Delta R.T. -0.01 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

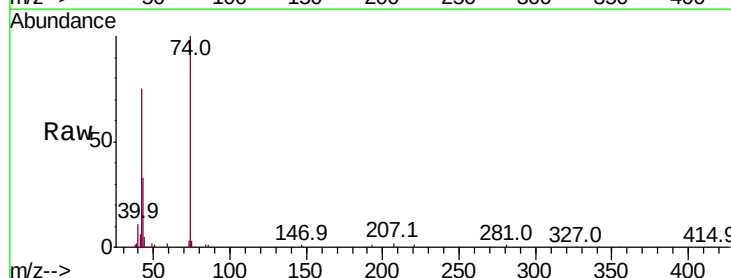
Tgt Ion: 42 Resp: 197755

Ion Ratio Lower Upper

42 100

74 132.5 102.4 153.6

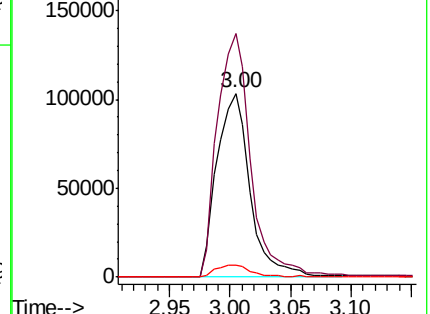
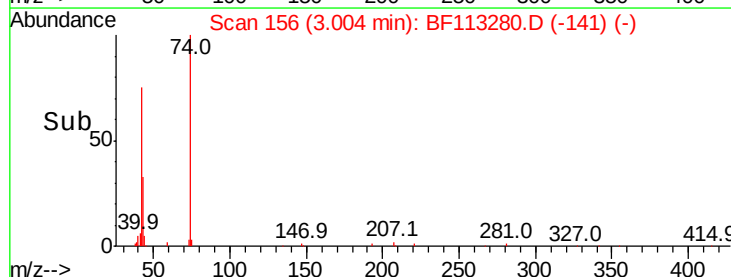
44 6.7 5.5 8.3

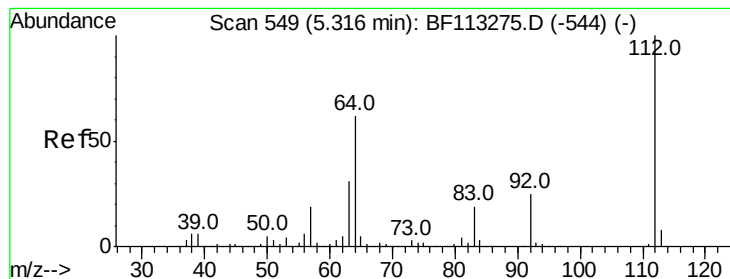


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

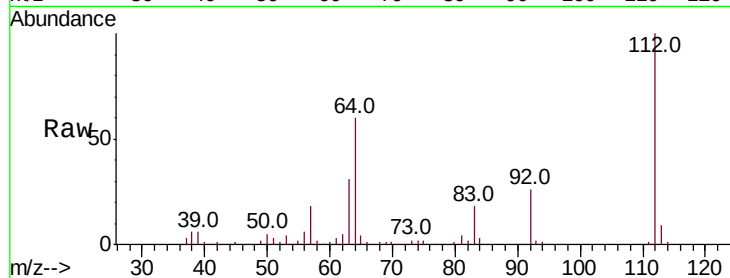




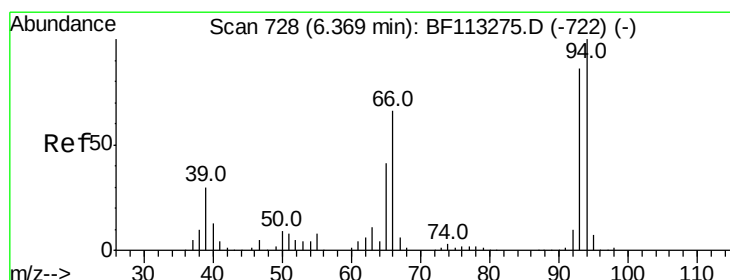
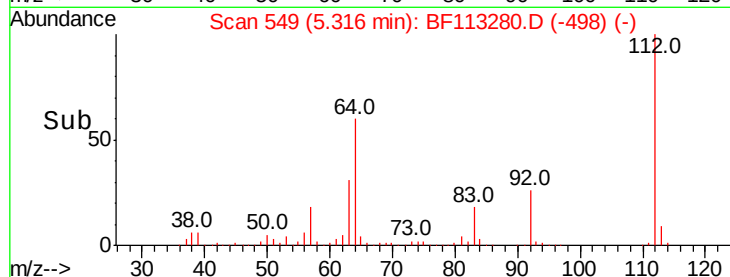
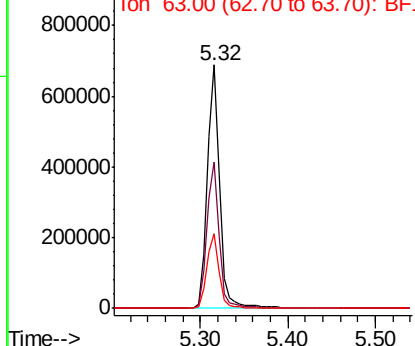
#5
 2-Fluorophenol
 Concen: 73.947 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF113280.D
 Acq: 25 Mar 2019 15:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032519

Tot Ion:112 Resp: 679894
 Ion Ratio Lower Upper
 112 100
 64 60.3 49.2 73.8
 63 30.7 24.9 37.3

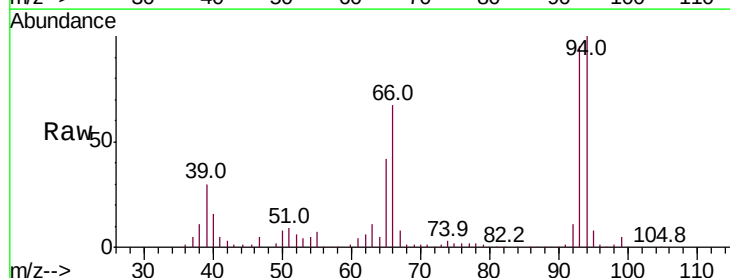


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

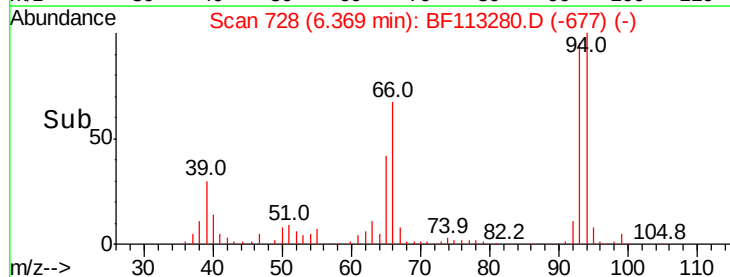
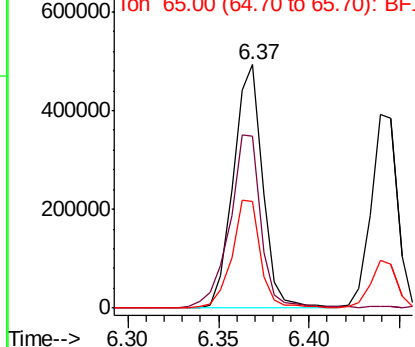


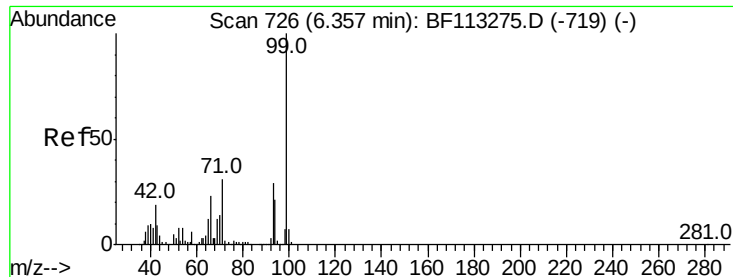
#6
 Aniline
 Concen: 39.195 ng
 RT: 6.37 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF113280.D
 Acq: 25 Mar 2019 15:39

Tgt Ion: 93 Resp: 555177
 Ion Ratio Lower Upper
 93 100
 66 70.6 62.1 93.1
 65 43.7 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: 76.546 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032519

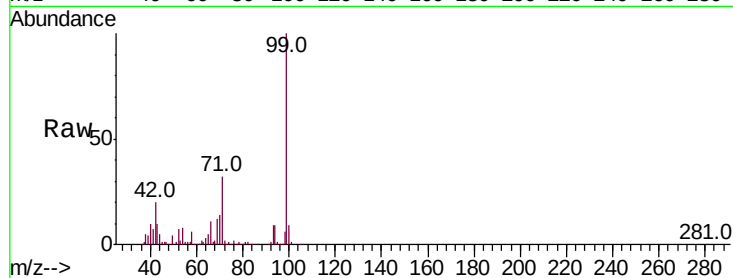
Tot Ion: 99 Resp: 890331

Ion Ratio Lower Upper

99 100

42 19.7 14.8 22.2

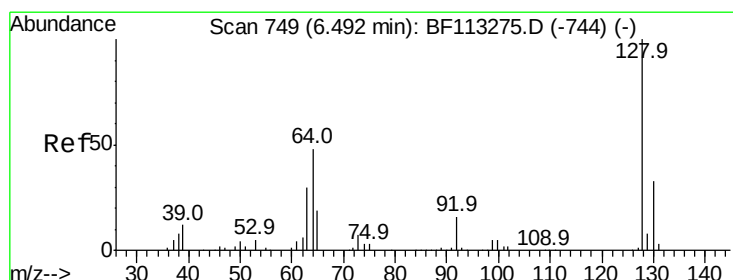
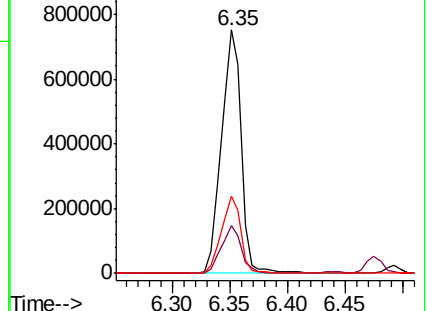
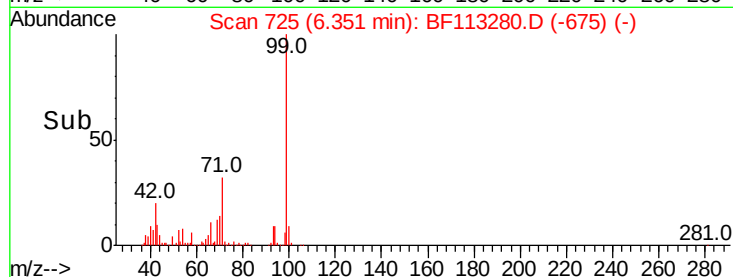
71 31.8 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.627 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

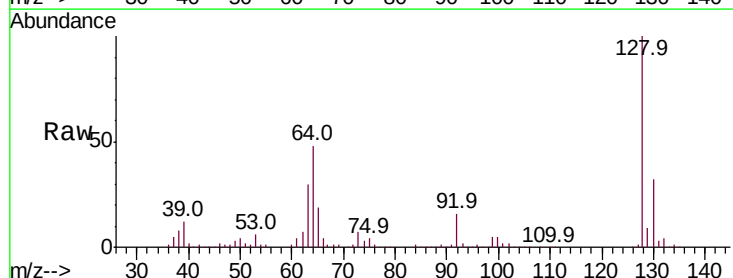
Tgt Ion: 128 Resp: 412417

Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

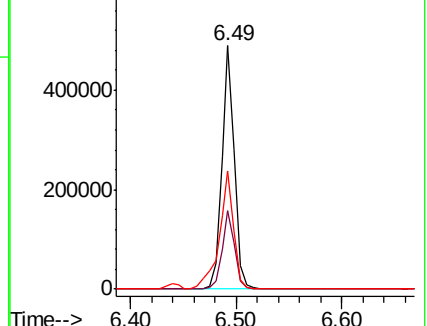
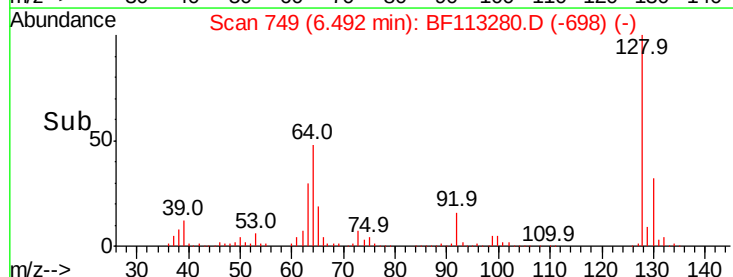
64 48.3 29.4 69.4

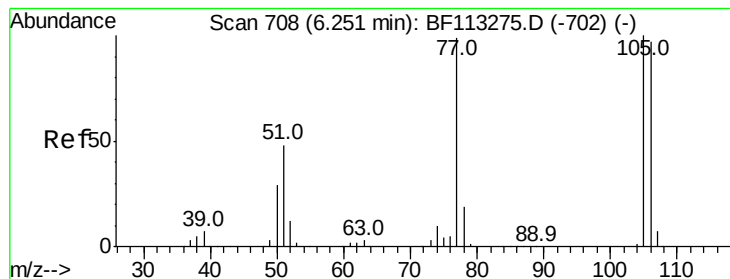


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.798 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032519

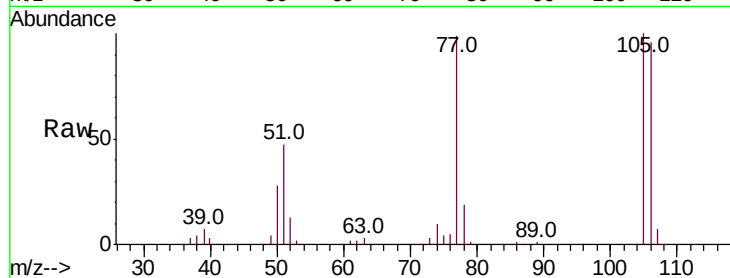
Tot Ion: 77 Resp: 310625

Ion Ratio Lower Upper

77 100

105 101.0 80.9 120.9

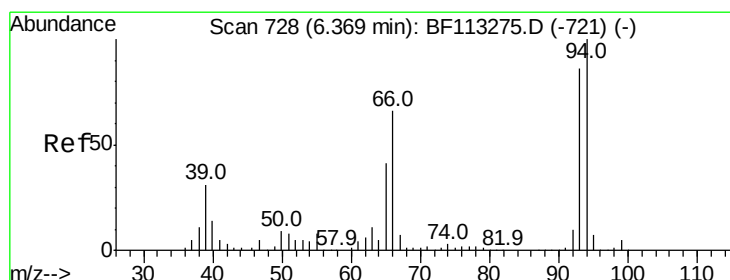
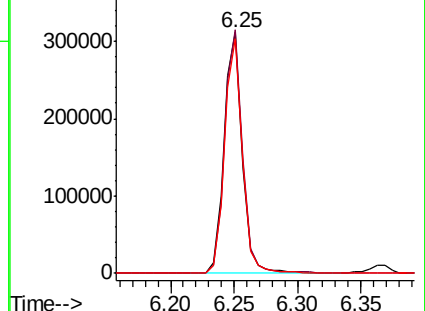
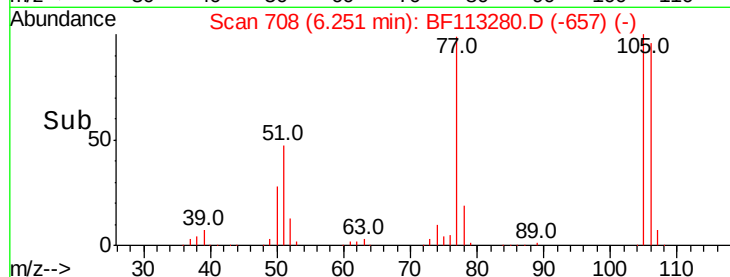
106 97.2 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.331 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

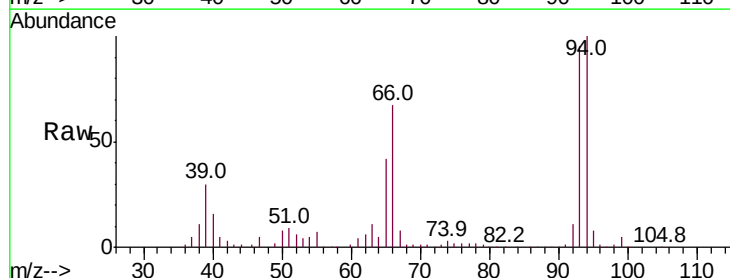
Tgt Ion: 94 Resp: 522263

Ion Ratio Lower Upper

94 100

65 41.7 21.4 61.4

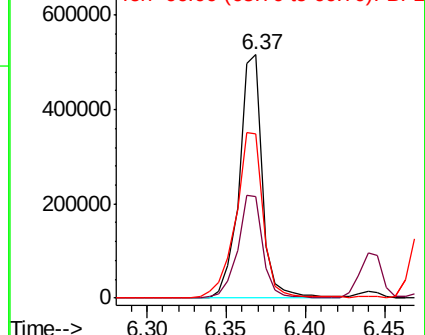
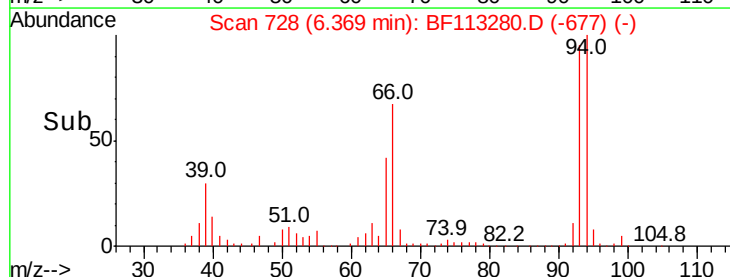
66 67.4 46.4 86.4

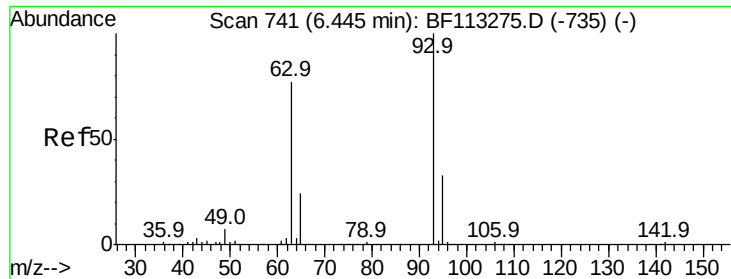


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

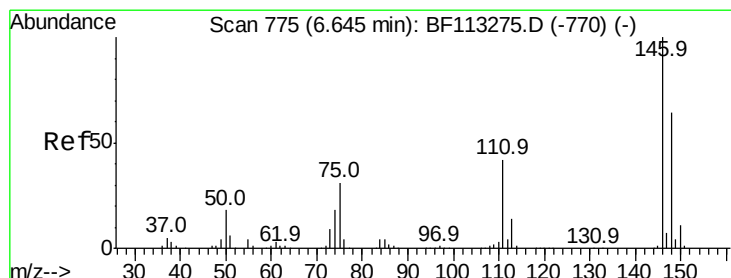
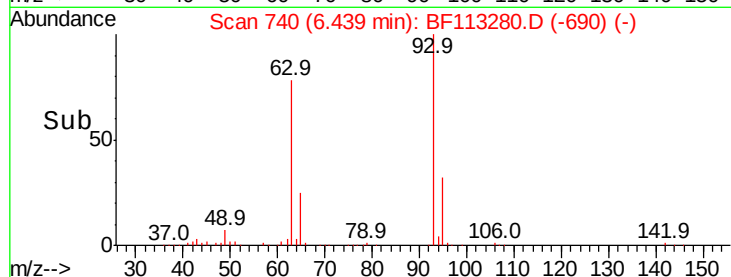
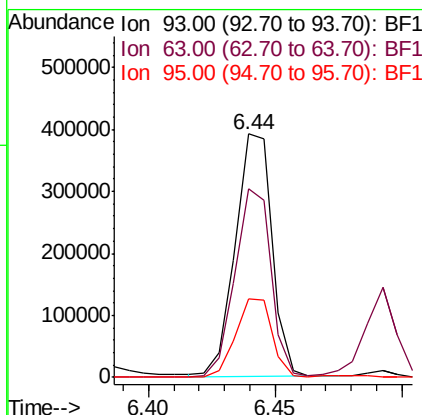
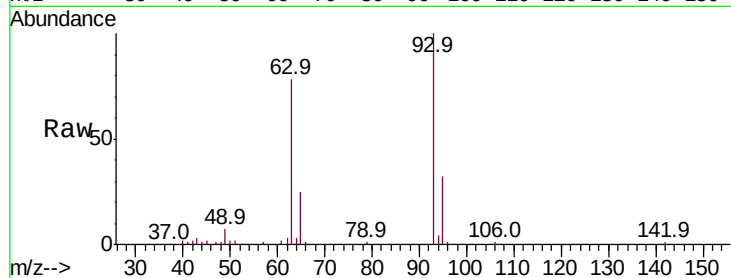




#11
bis(2-Chloroethyl)ether
Concen: 38.710 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

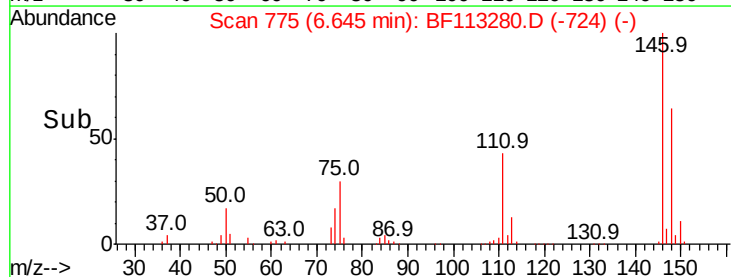
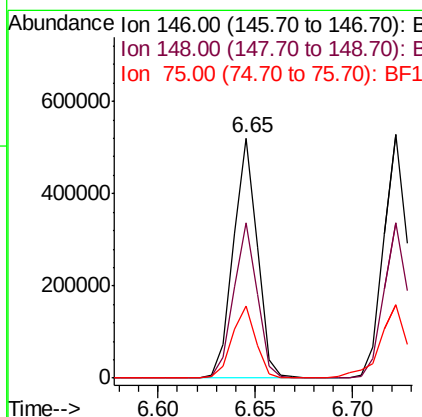
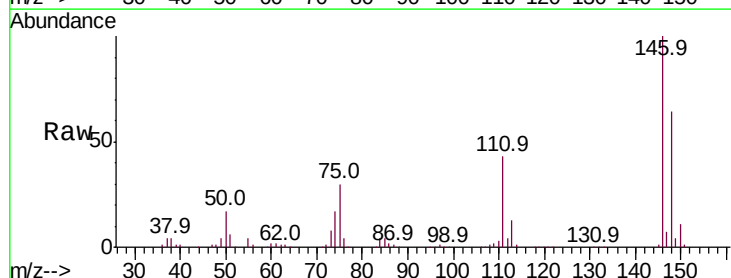
Instrument :
BNA_F
ClientSampleId :
ICVBF032519

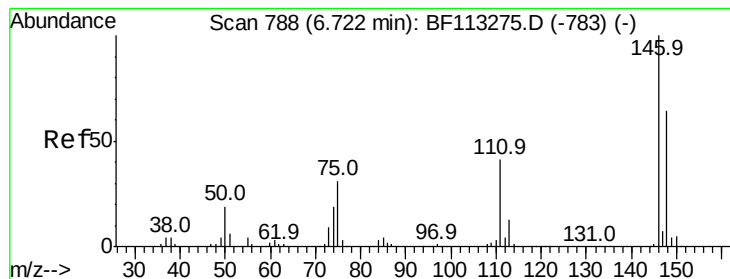
Tot Ion:	93	Resp:	394021
Ion	Ratio	Lower	Upper
93	100		
63	77.7	56.1	96.1
95	32.5	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 38.466 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

Tgt Ion:	146	Resp:	442702
Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
75	29.9	24.8	37.2





#13

1,4-Dichlorobenzene

Concen: 40.477 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032519

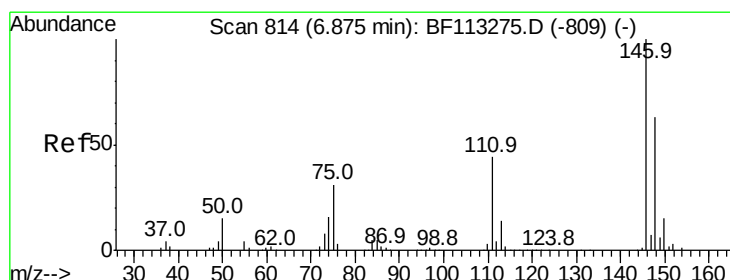
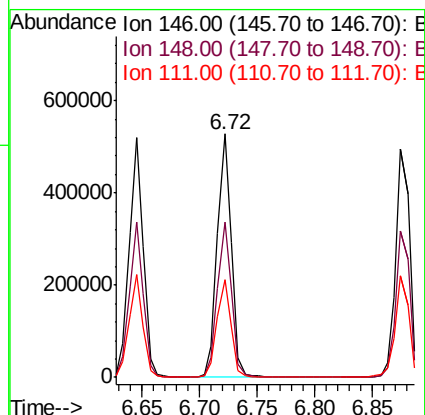
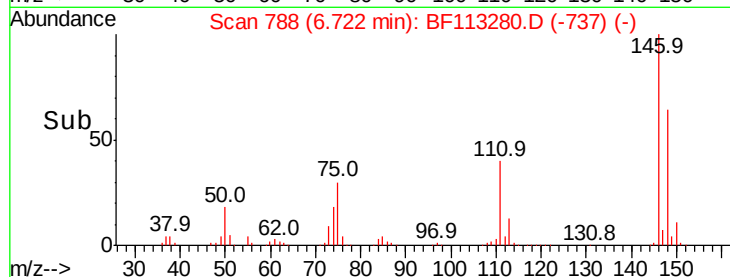
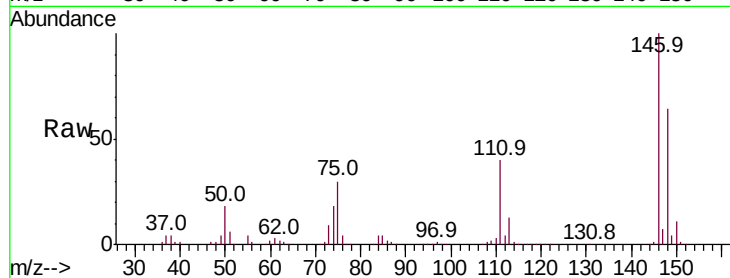
Tot Ion:146 Resp: 449797

Ion Ratio Lower Upper

146 100

148 63.9 51.1 76.7

111 39.9 32.8 49.2



#14

1,2-Dichlorobenzene

Concen: 38.033 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

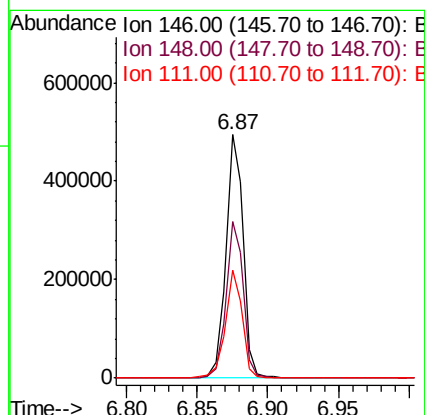
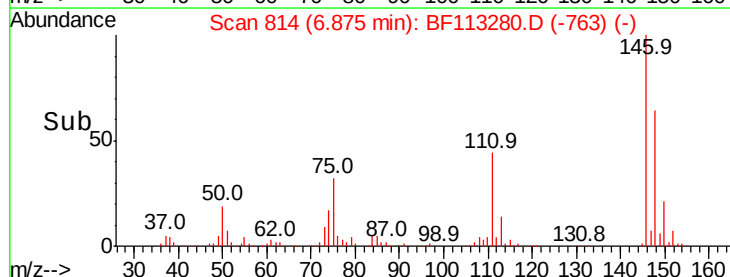
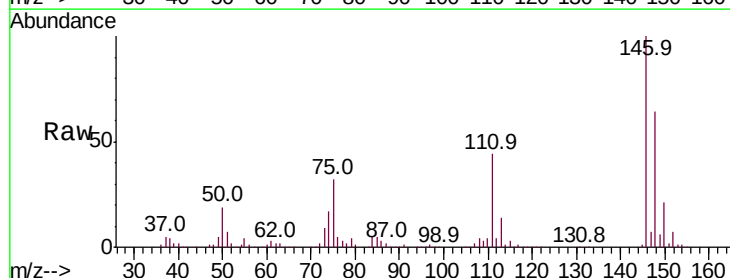
Tgt Ion:146 Resp: 415785

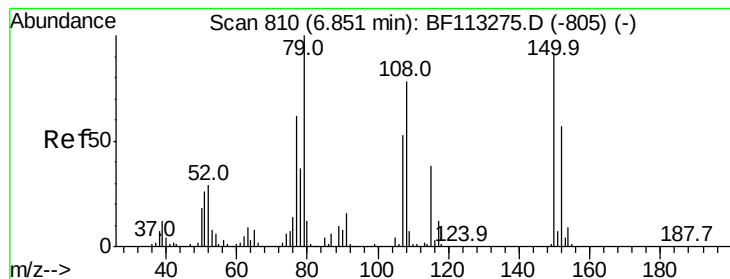
Ion Ratio Lower Upper

146 100

148 64.3 50.2 75.4

111 44.4 35.4 53.2





#15

Benzyl Alcohol

Concen: 40.512 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032519

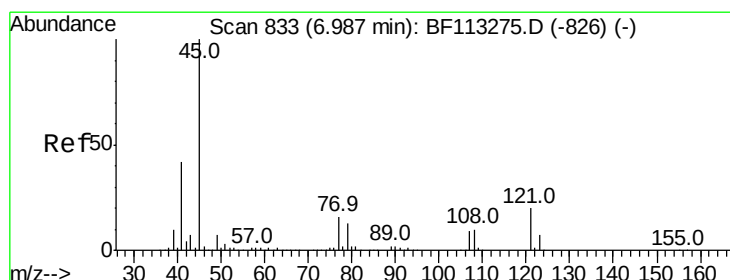
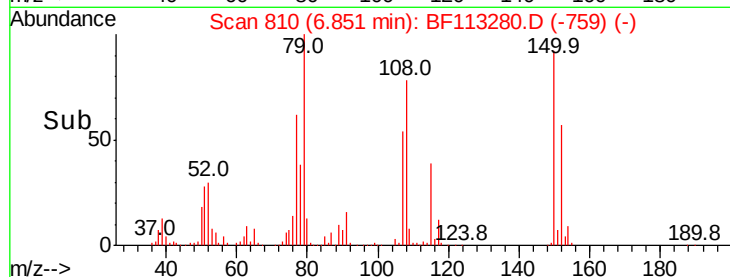
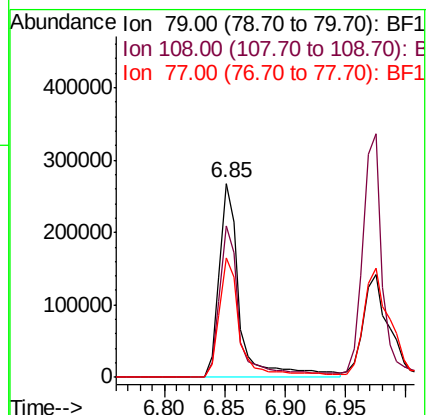
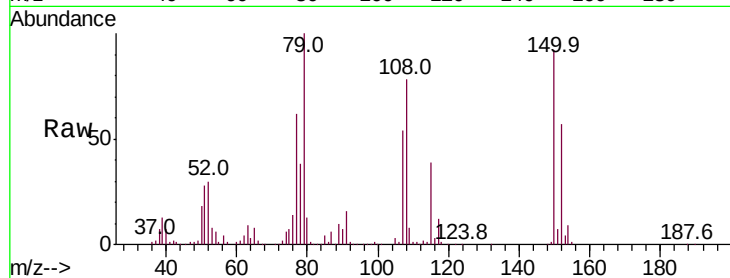
Tot Ion: 79 Resp: 310859

Ion Ratio Lower Upper

79 100

108 78.2 62.0 93.0

77 61.8 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.555 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

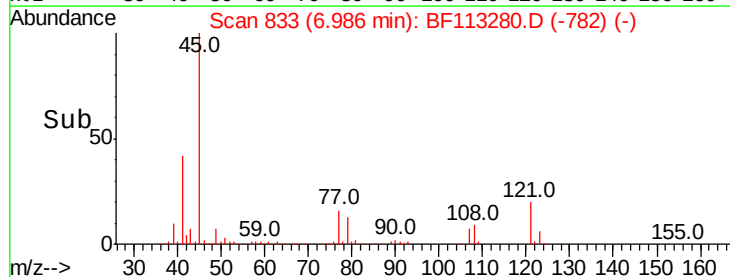
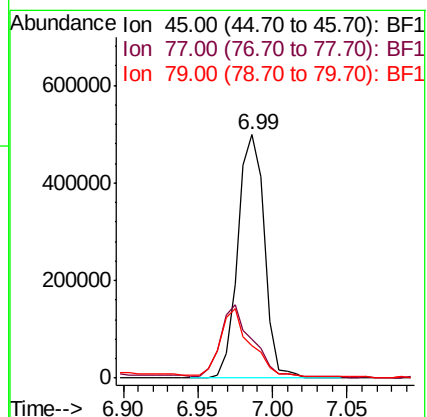
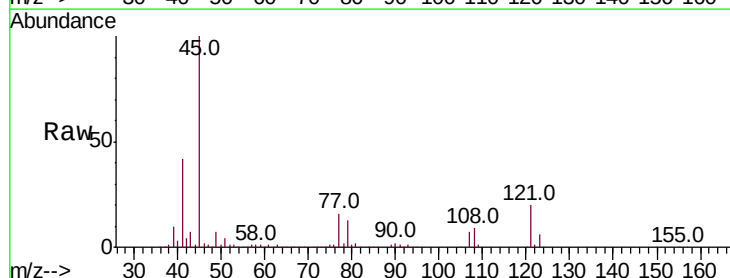
Tgt Ion: 45 Resp: 620119

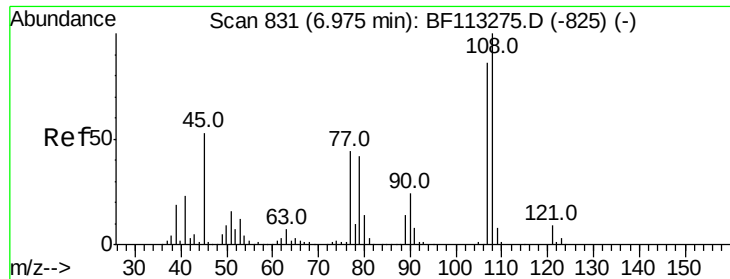
Ion Ratio Lower Upper

45 100

77 15.9 0.0 36.6

79 13.4 0.0 34.0

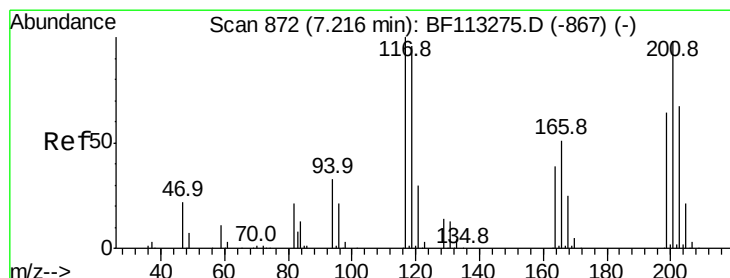
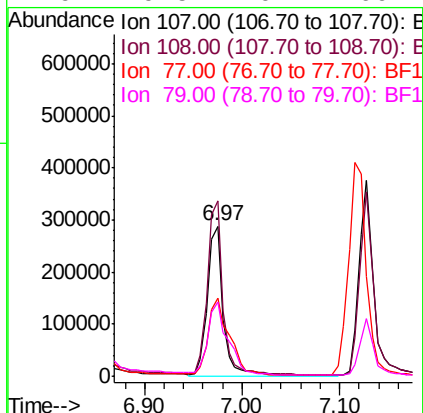
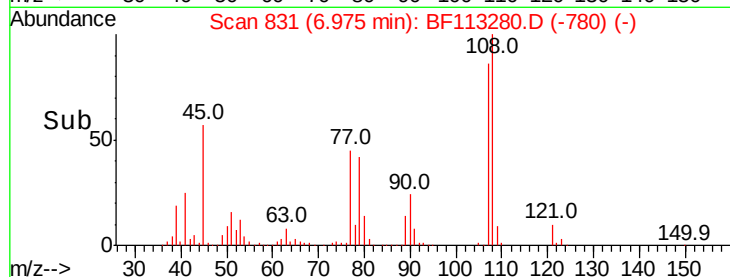
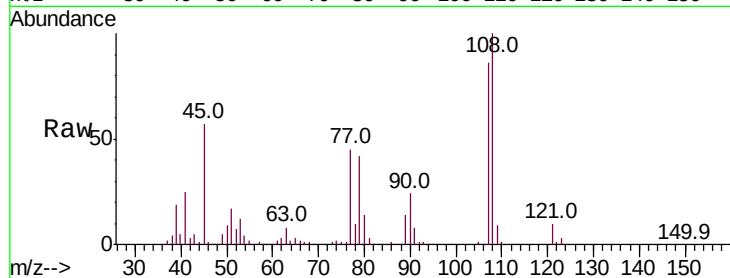




#17
2-Methylphenol
Concen: 39.440 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

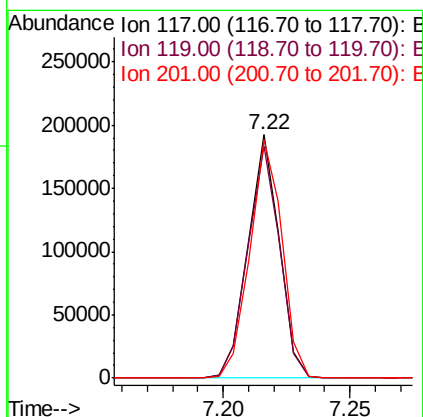
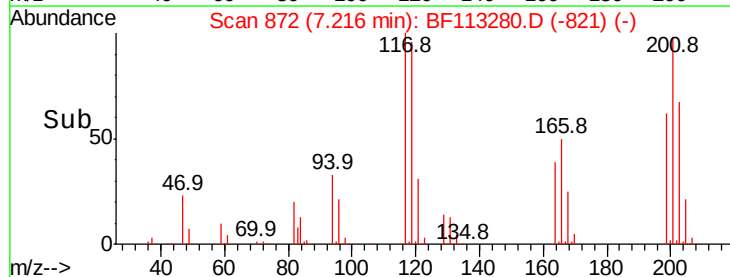
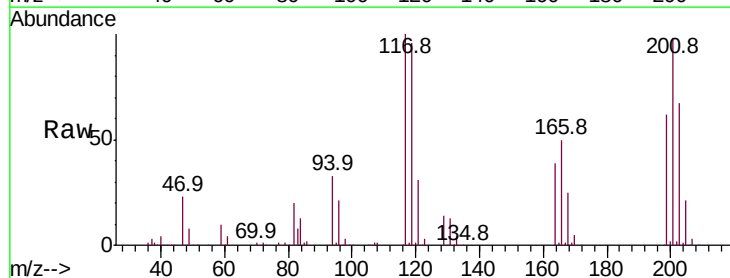
Instrument :
BNA_F
ClientSampleId :
ICVBF032519

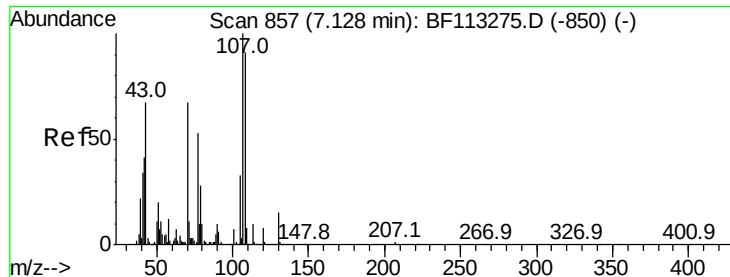
Tot Ion:107 Resp: 330011
Ion Ratio Lower Upper
107 100
108 116.5 93.4 140.0
77 52.1 41.2 61.8
79 49.5 40.1 60.1



#18
Hexachloroethane
Concen: 41.322 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

Tgt Ion:117 Resp: 164929
Ion Ratio Lower Upper
117 100
119 95.6 76.9 115.3
201 97.8 78.7 118.1

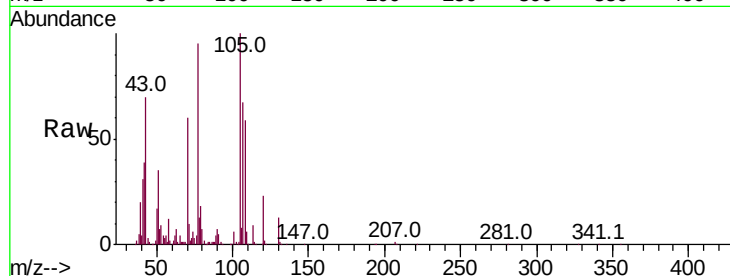




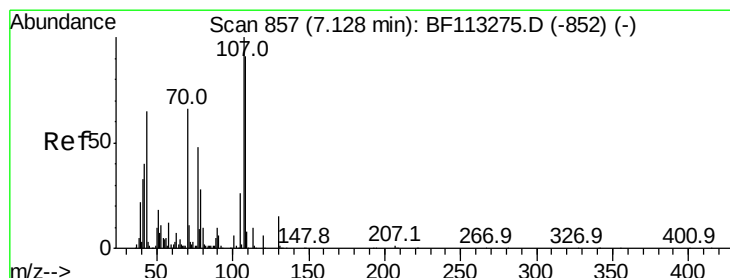
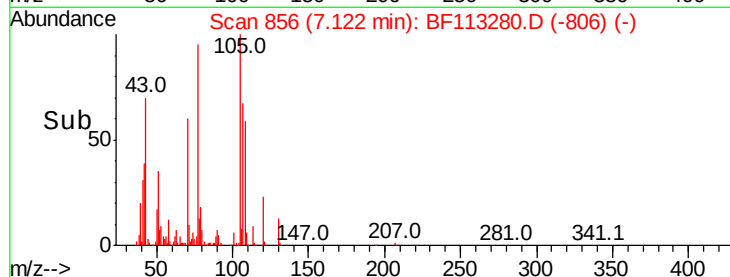
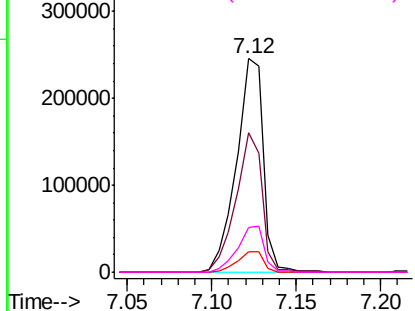
#19
n-Nitroso-di-n-propylamine
Concen: 37.353 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

Instrument :
BNA_F
ClientSampleId :
ICVBF032519

Tot Ion:	70	Resp:	272900
Ion	Ratio	Lower	Upper
70	100		
42	65.5	48.4	72.6
101	9.4	7.8	11.8
130	20.9	18.2	27.4

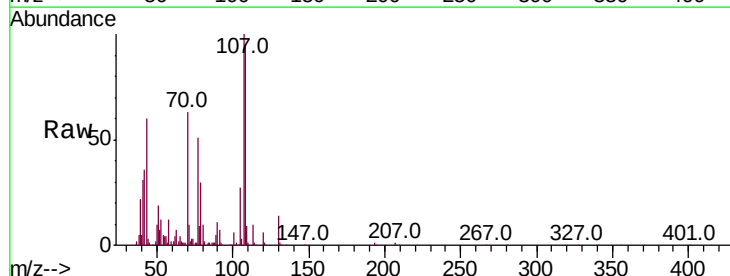


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

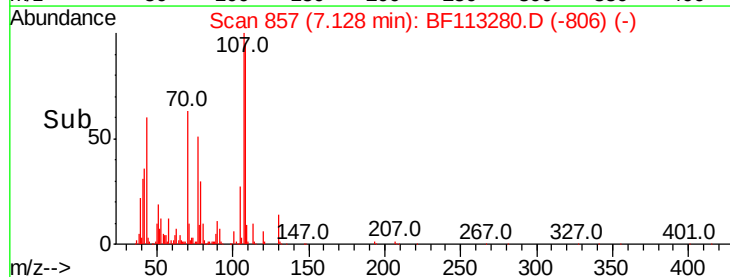
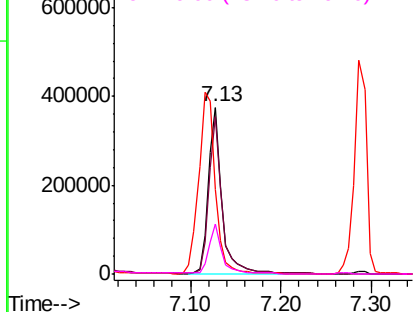


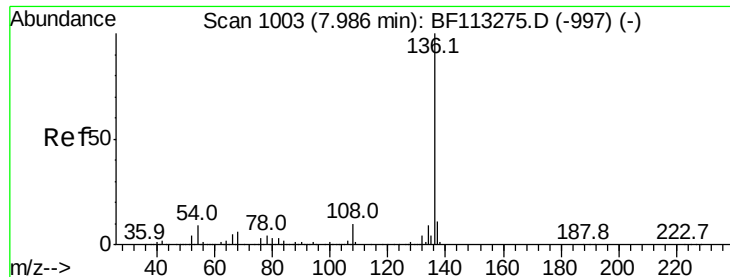
#20
3+4-Methylphenols
Concen: 40.709 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

Tgt Ion:	107	Resp:	398119
Ion	Ratio	Lower	Upper
107	100		
108	94.5	71.4	111.4
77	51.0	33.5	73.5
79	29.8	8.3	48.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032519

Tot Ion:136 Resp: 620759

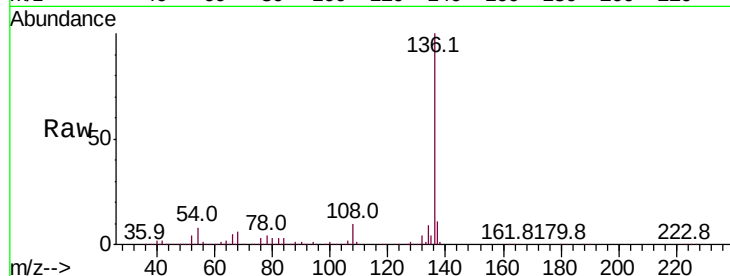
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.3 7.0 10.6

68 6.1 4.8 7.2

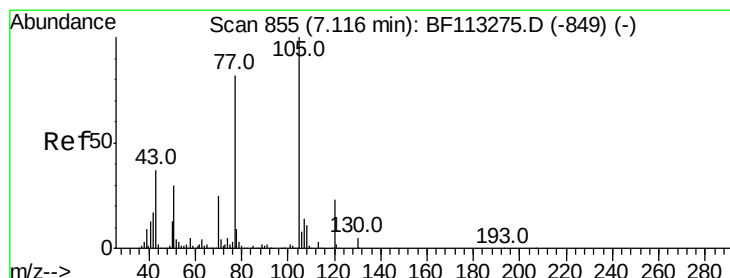
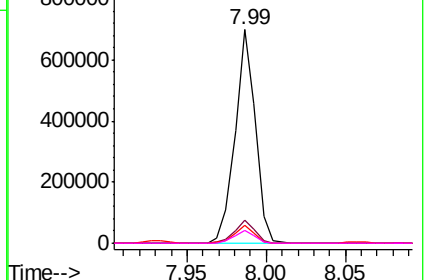
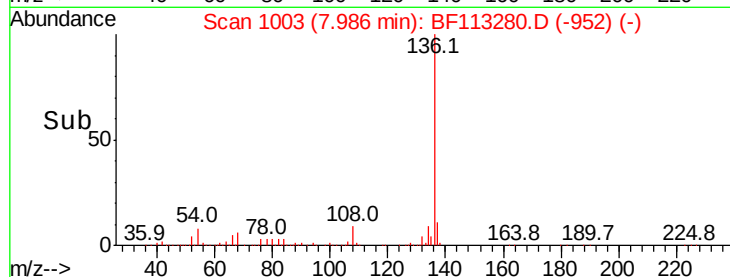


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.682 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Tgt Ion:105 Resp: 533448

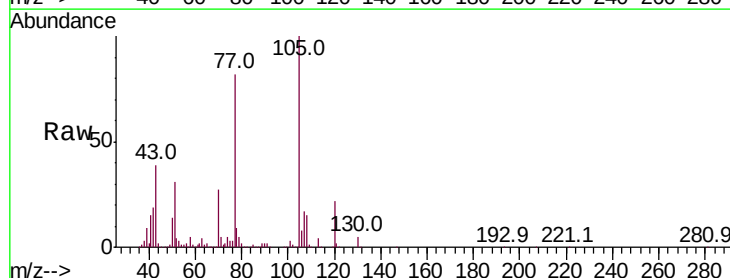
Ion Ratio Lower Upper

105 100

71 4.5 3.3 4.9

51 31.0 24.2 36.2

120 22.3 18.1 27.1

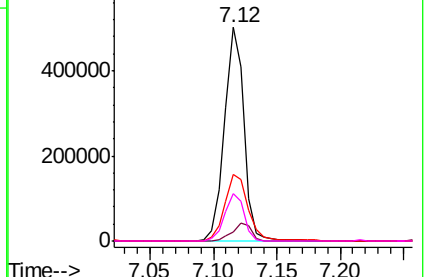
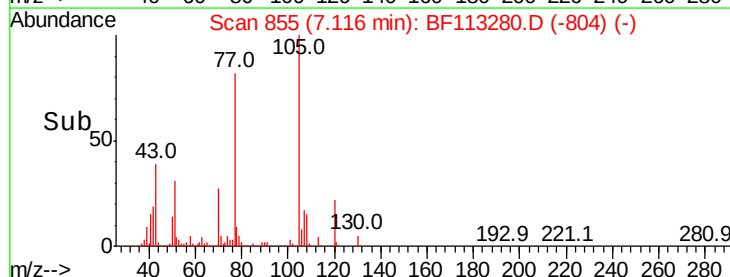


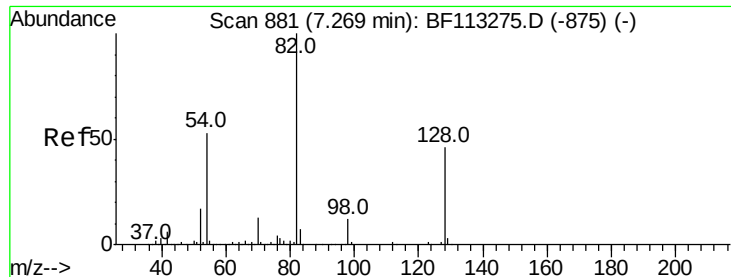
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

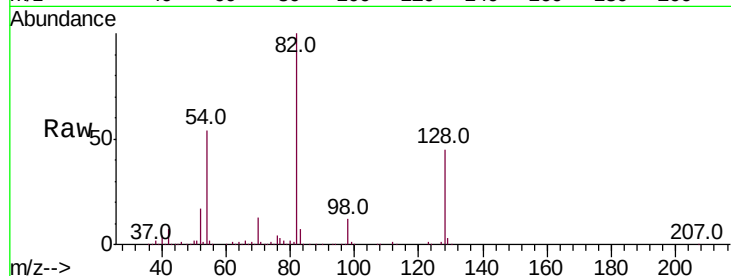




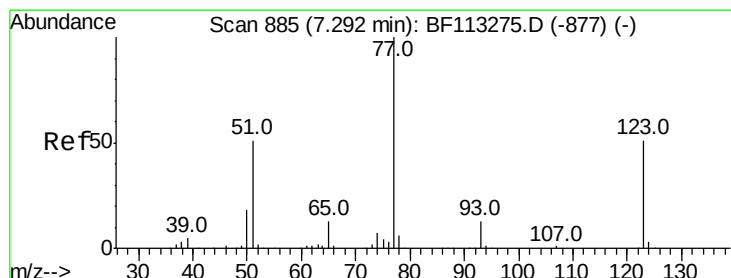
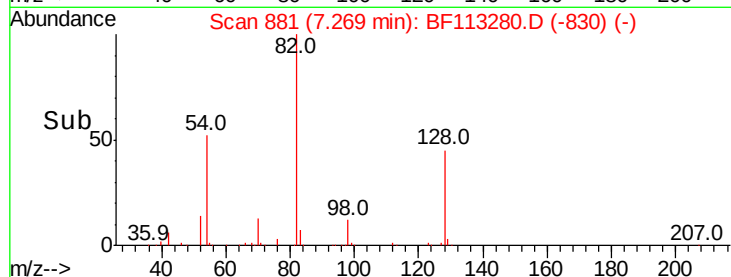
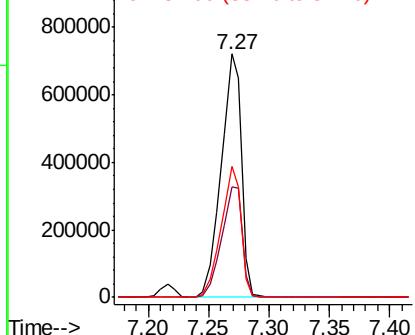
#23
Nitrobenzene-d5
Concen: 79.623 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

Instrument :
BNA_F
ClientSampleId :
ICVBF032519

Tot Ion: 82 Resp: 832740
Ion Ratio Lower Upper
82 100
128 45.3 36.5 54.7
54 53.6 42.2 63.2

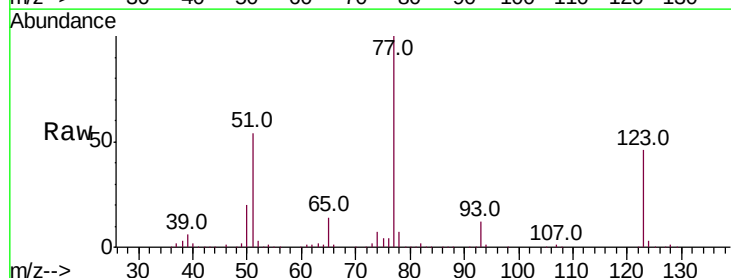


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

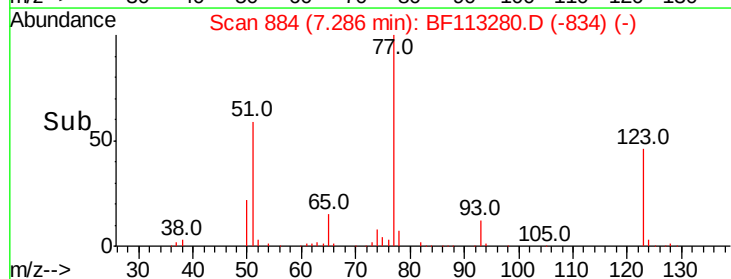
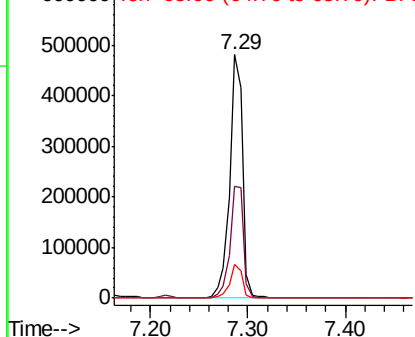


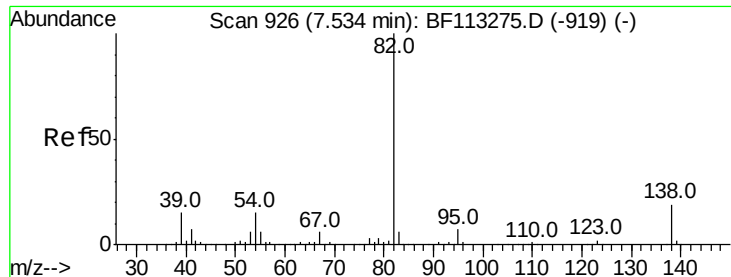
#24
Nitrobenzene
Concen: 40.119 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

Tgt Ion: 77 Resp: 437844
Ion Ratio Lower Upper
77 100
123 46.2 40.8 61.2
65 13.7 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: 38.345 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032519

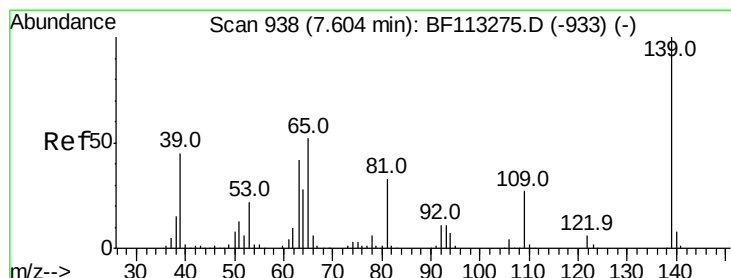
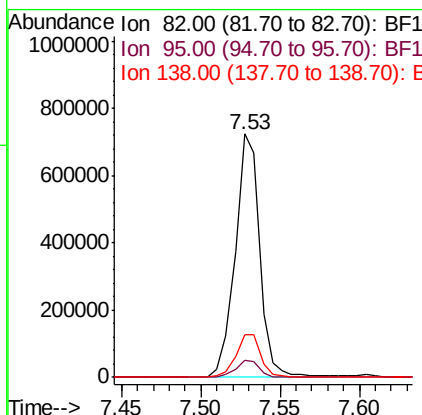
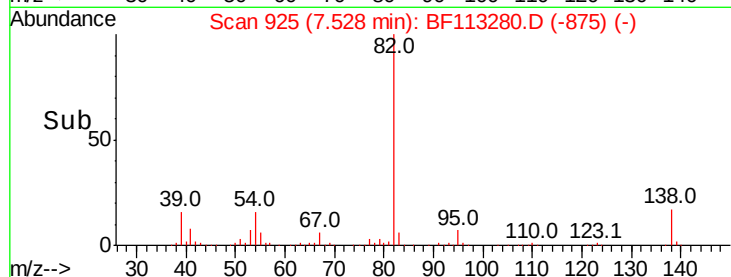
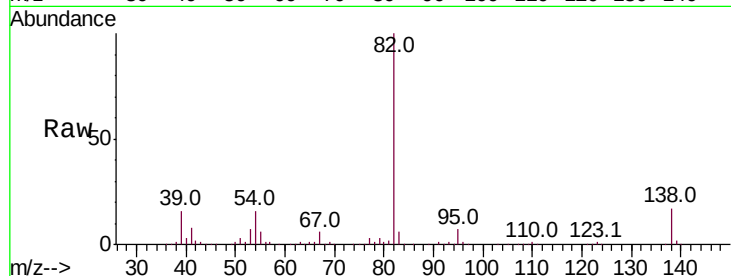
Tot Ion: 82 Resp: 777189

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 17.4 15.2 22.8



#26

2-Nitrophenol

Concen: 40.409 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

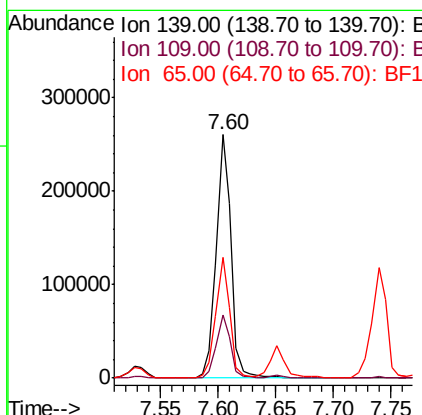
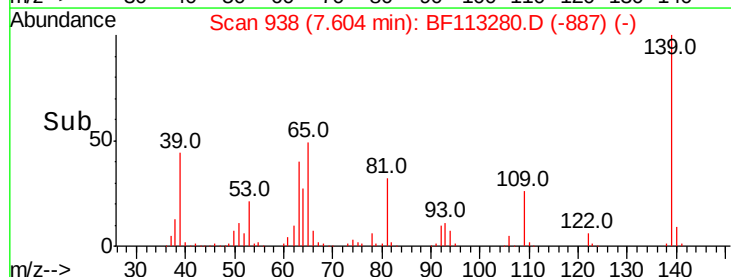
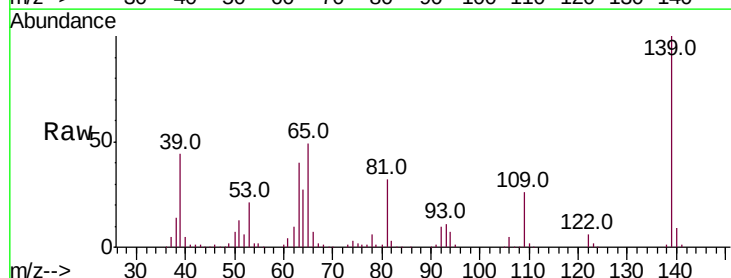
Tgt Ion:139 Resp: 233109

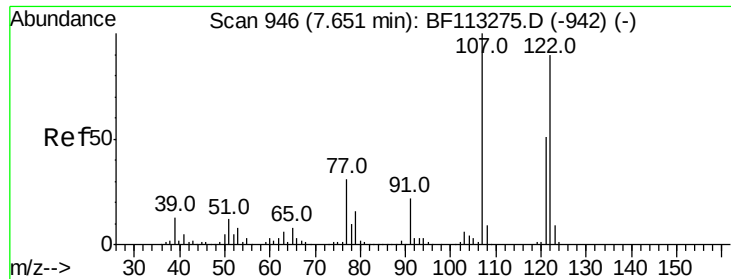
Ion Ratio Lower Upper

139 100

109 26.2 21.7 32.5

65 49.4 41.6 62.4

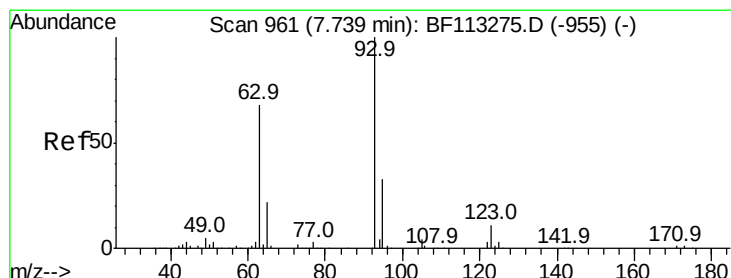
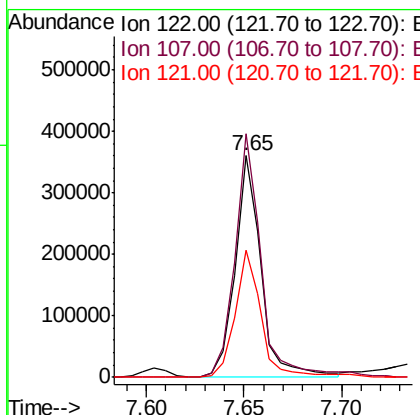
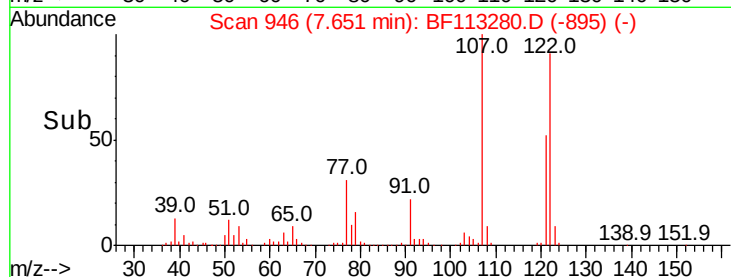
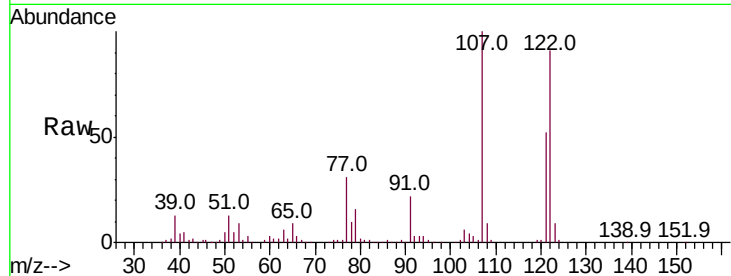




#27
2,4-Dimethylphenol
Concen: 39.986 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

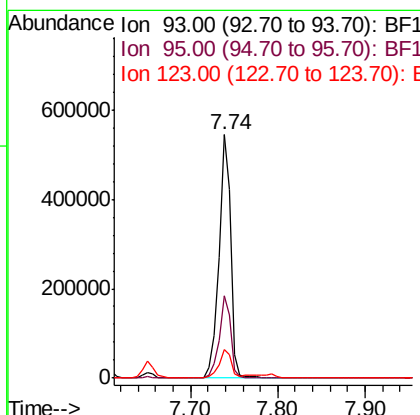
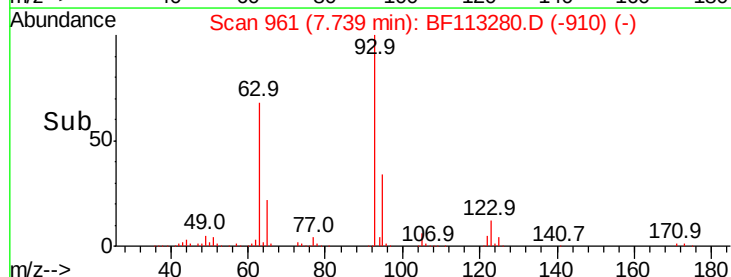
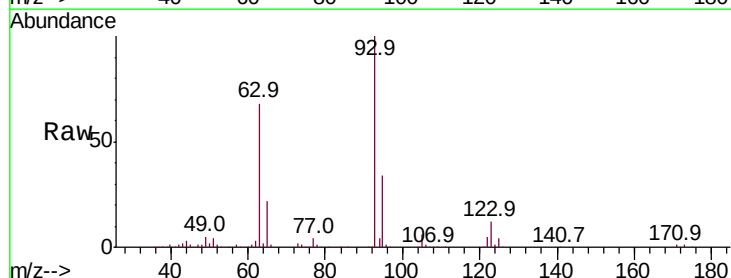
Instrument :
BNA_F
ClientSampleId :
ICVBF032519

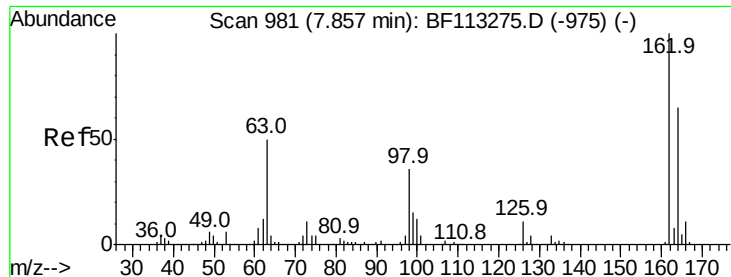
Tot Ion:122 Resp: 331814
Ion Ratio Lower Upper
122 100
107 109.8 88.8 133.2
121 57.2 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 39.921 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

Tgt Ion: 93 Resp: 509539
Ion Ratio Lower Upper
93 100
95 33.7 26.0 39.0
123 11.6 9.1 13.7

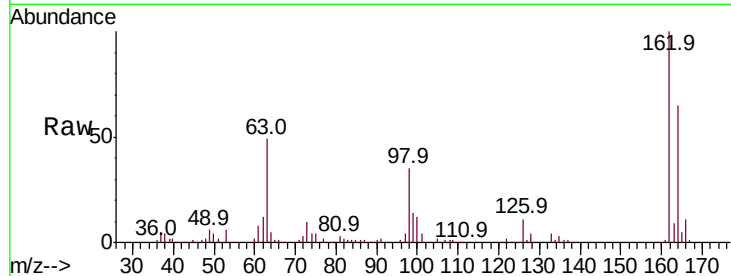




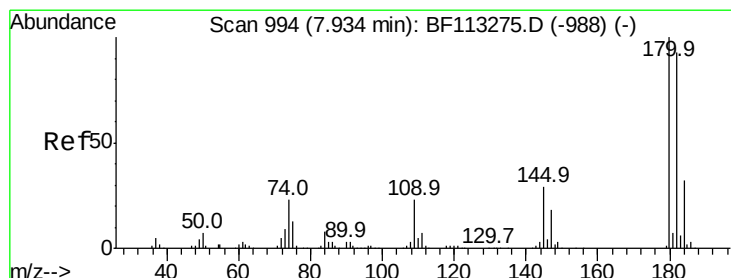
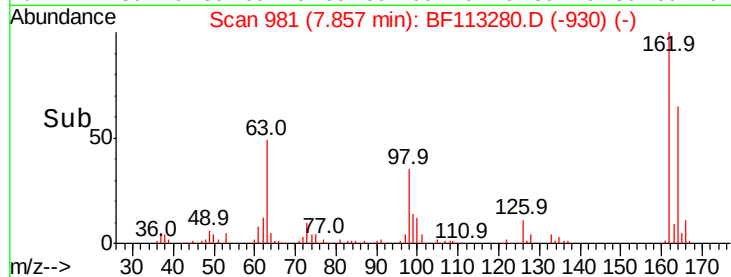
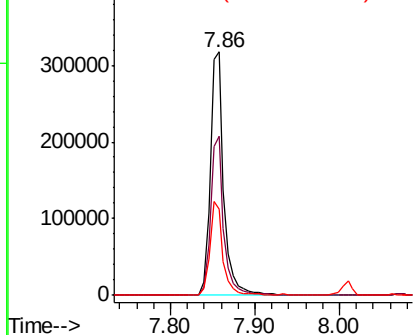
#29
 2,4-Dichlorophenol
 Concen: 39.868 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF113280.D
 Acq: 25 Mar 2019 15:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032519

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.6	84.6
98	35.3	15.6	55.6

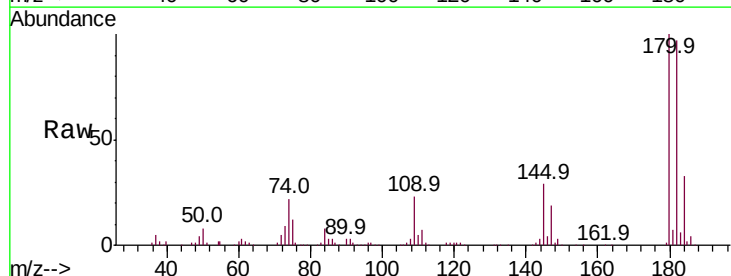


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

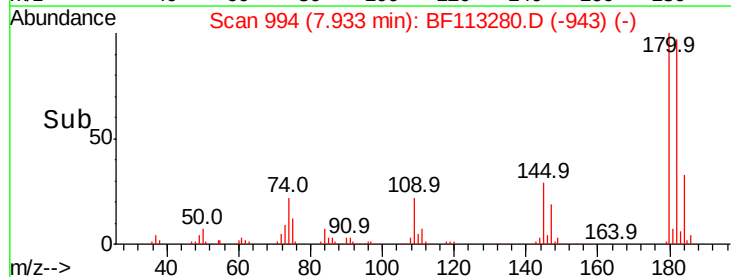
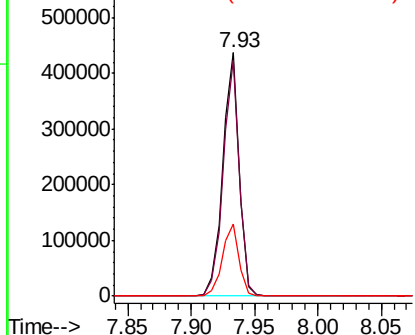


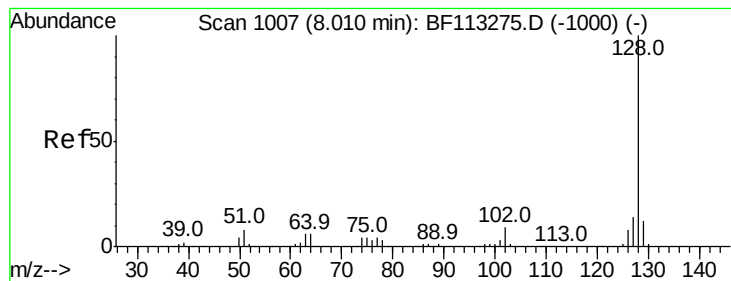
#30
 1,2,4-Trichlorobenzene
 Concen: 40.635 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BF113280.D
 Acq: 25 Mar 2019 15:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	74.6	111.8
145	29.5	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: 39.869 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032519

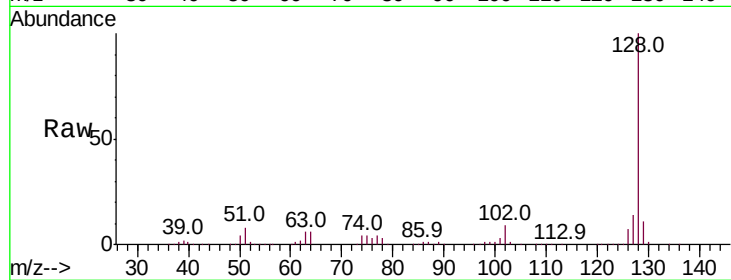
Tot Ion:128 Resp: 1209440

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

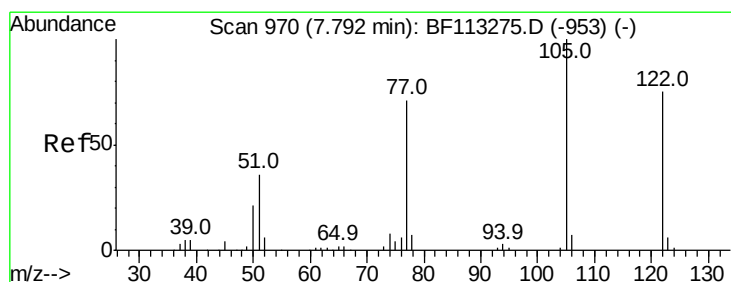
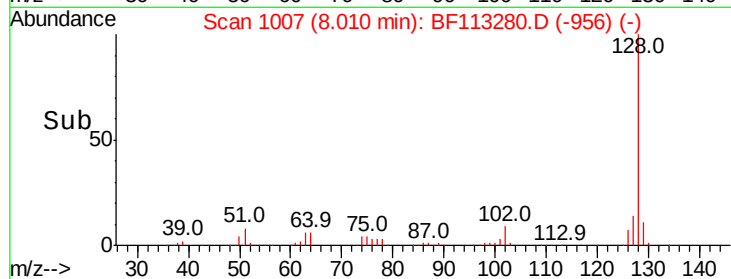
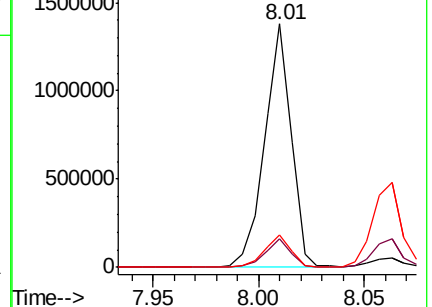
127 13.5 10.9 16.3



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: 38.861 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

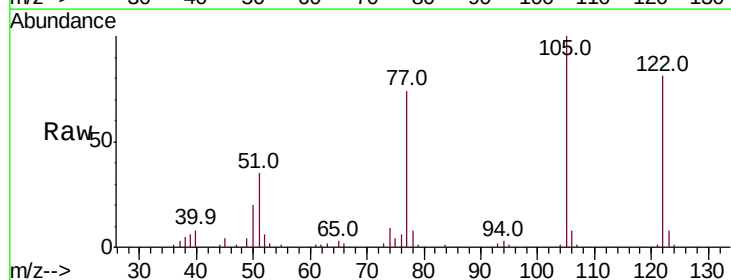
Tgt Ion:122 Resp: 259577

Ion Ratio Lower Upper

122 100

105 123.7 100.4 140.4

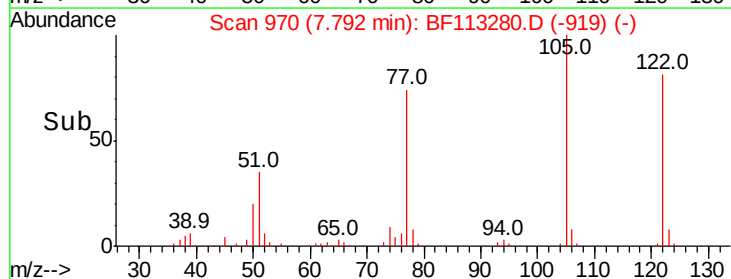
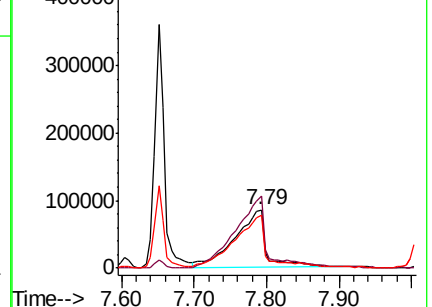
77 91.5 69.0 109.0

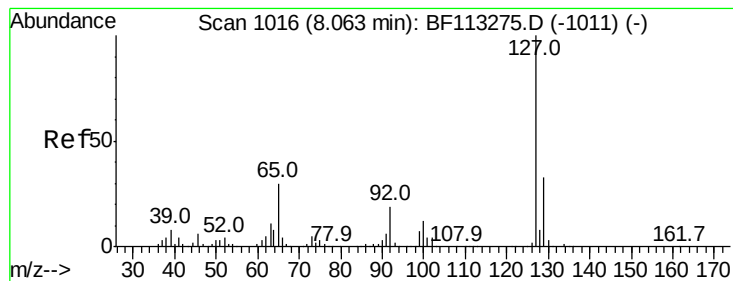


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 41.010 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032519

Tot Ion:127 Resp: 485109

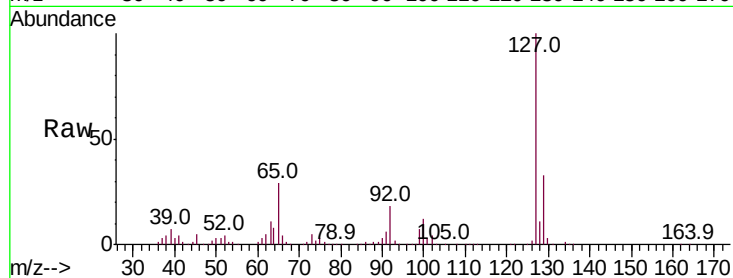
Ion Ratio Lower Upper

127 100

129 32.7 26.3 39.5

65 28.6 24.2 36.4

92 18.2 15.0 22.6

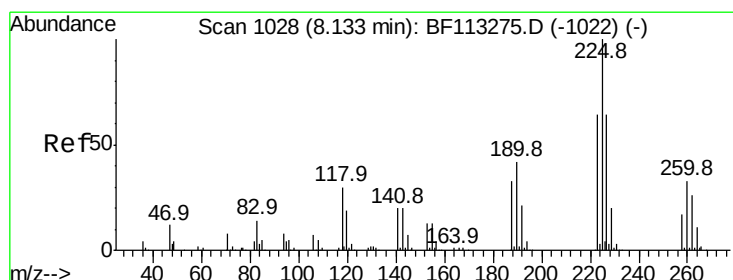
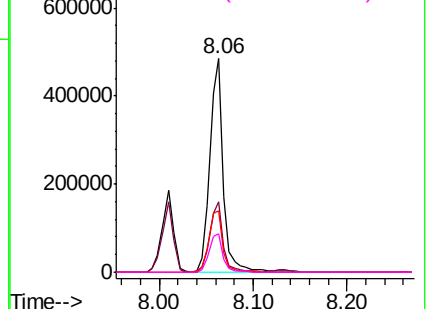
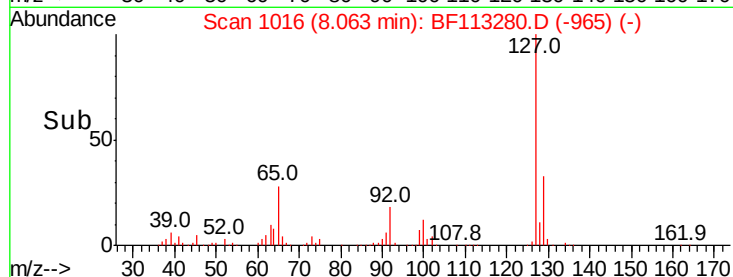


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 40.983 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

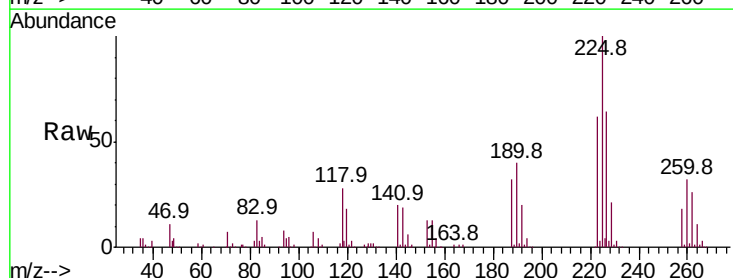
Tgt Ion:225 Resp: 236328

Ion Ratio Lower Upper

225 100

223 61.9 51.4 77.2

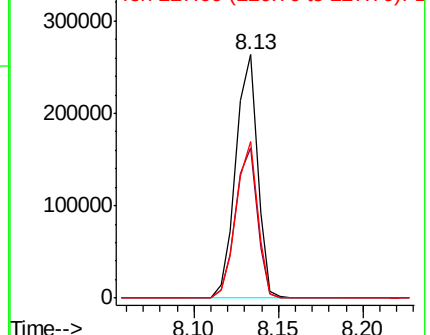
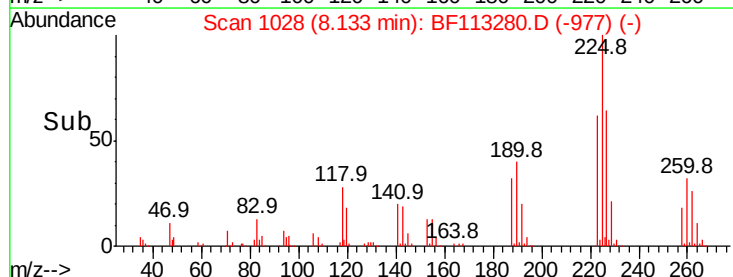
227 64.4 51.1 76.7

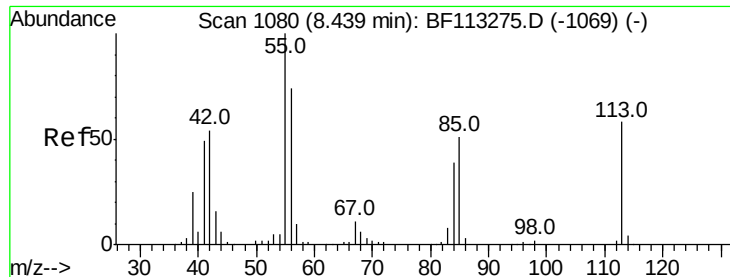


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

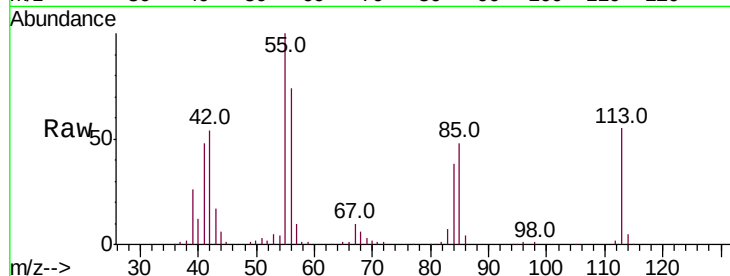




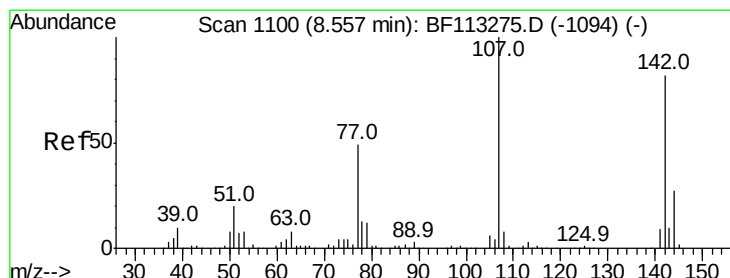
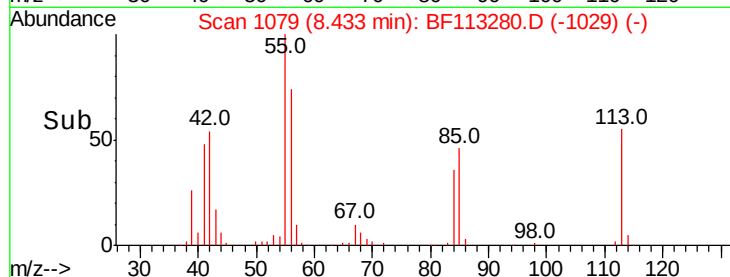
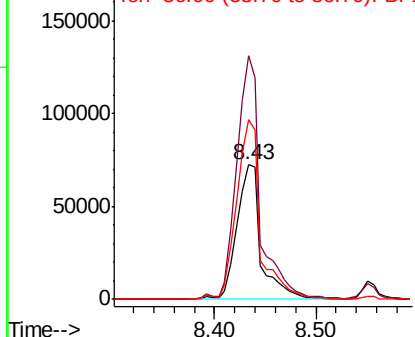
#35
 Caprolactam
 Concen: 41.504 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: BF113280.D
 Acq: 25 Mar 2019 15:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032519

Tot Ion:113 Resp: 119786
 Ion Ratio Lower Upper
 113 100
 55 181.0 152.7 192.7
 56 133.2 108.3 148.3

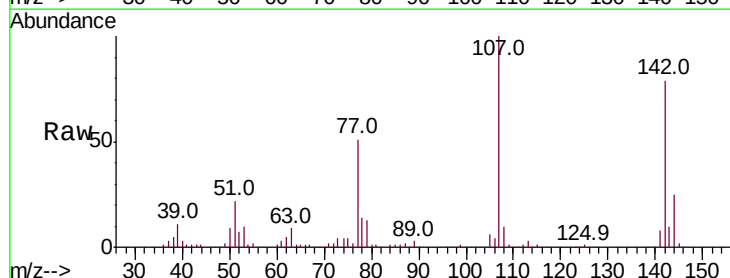


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

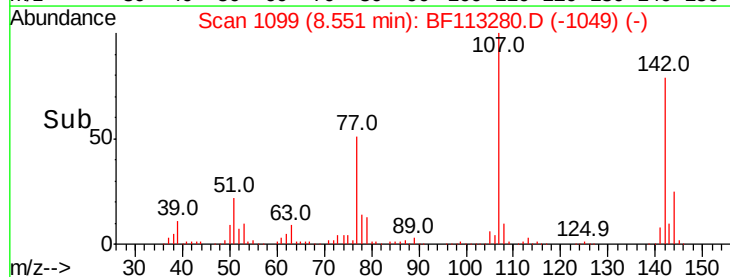
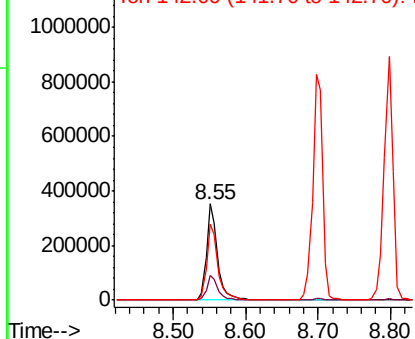


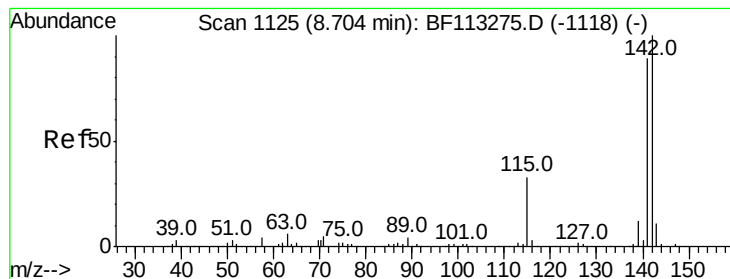
#36
 4-Chloro-3-methylphenol
 Concen: 41.061 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF113280.D
 Acq: 25 Mar 2019 15:39

Tgt Ion:107 Resp: 371392
 Ion Ratio Lower Upper
 107 100
 144 25.4 21.4 32.0
 142 78.9 65.6 98.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.816 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032519

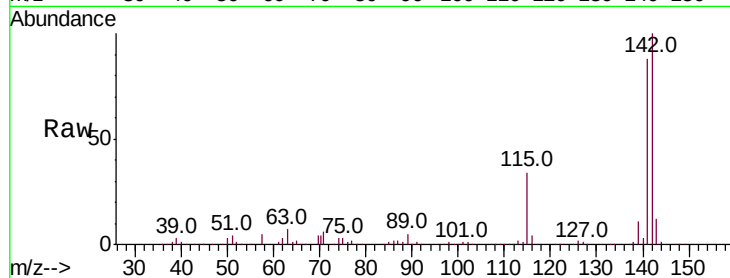
Tot Ion:142 Resp: 791493

Ion Ratio Lower Upper

142 100

141 88.1 71.0 106.6

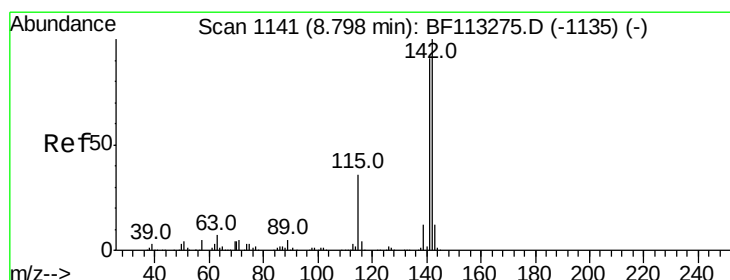
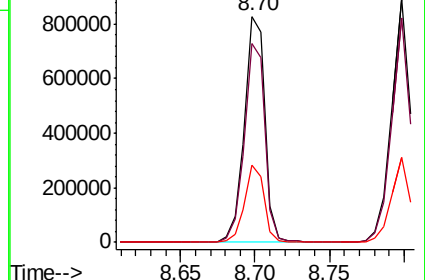
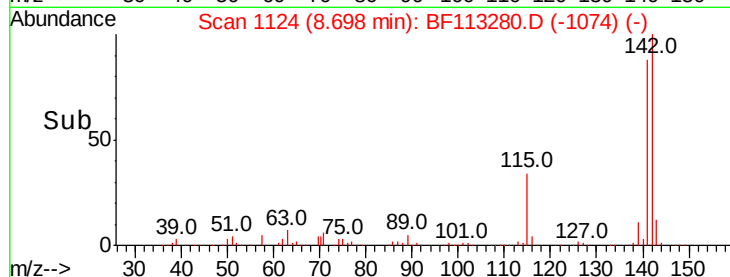
115 33.9 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.689 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

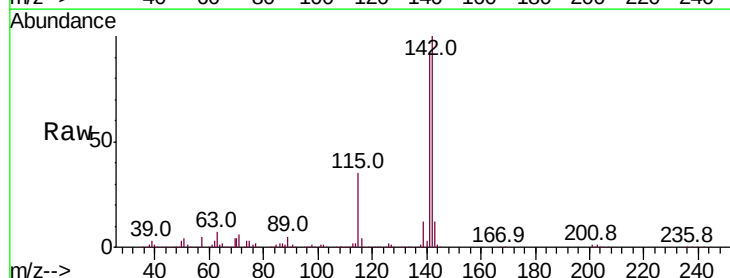
Tgt Ion:142 Resp: 758998

Ion Ratio Lower Upper

142 100

141 91.9 73.2 109.8

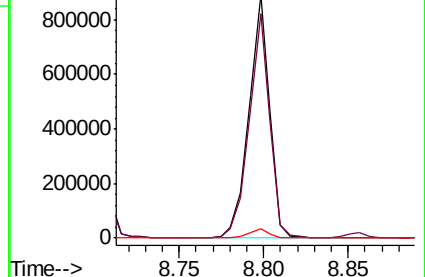
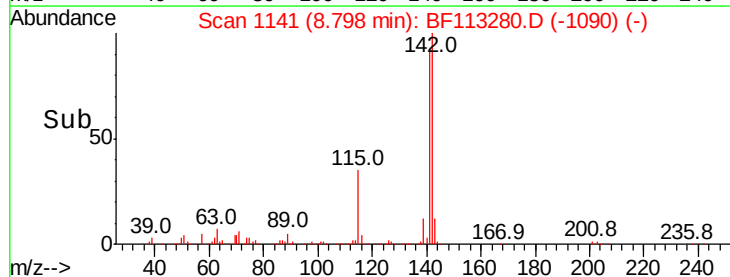
116 3.8 3.0 4.4

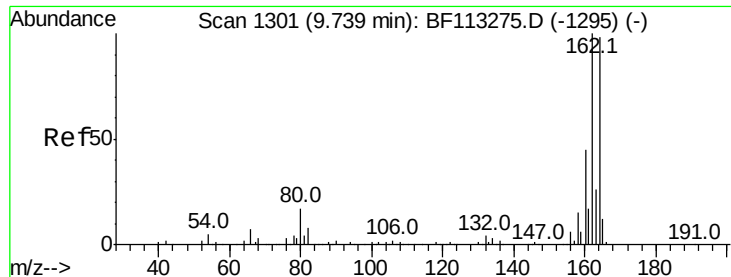


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

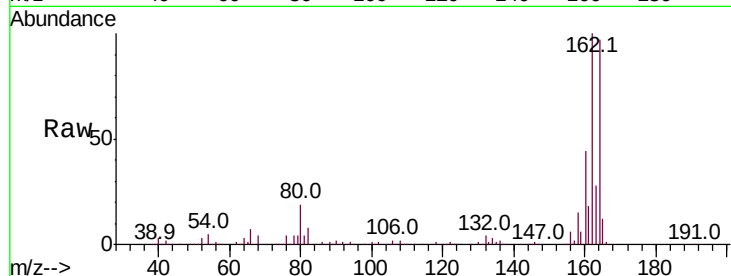




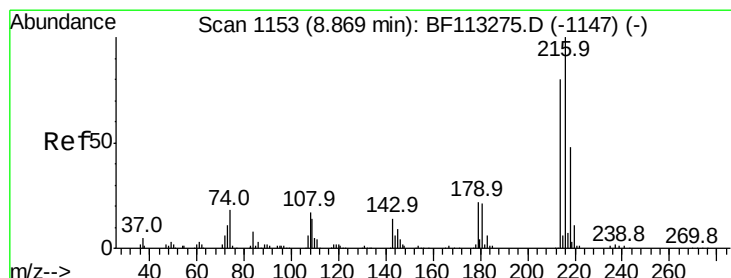
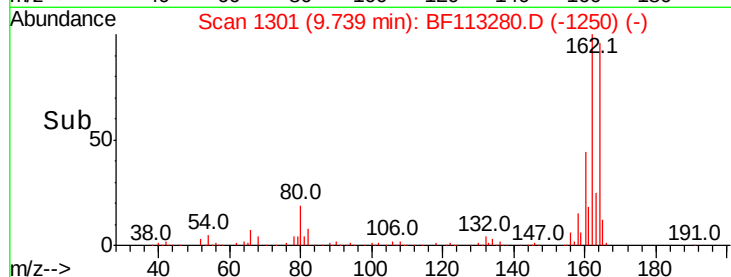
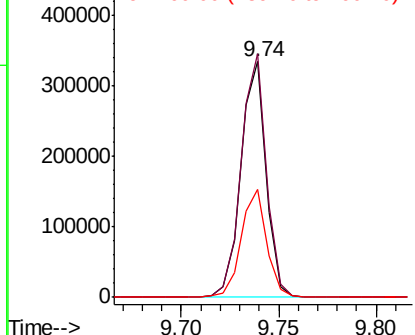
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

Instrument :
BNA_F
ClientSampleId :
ICVBF032519

Tot Ion:164 Resp: 297672
Ion Ratio Lower Upper
164 100
162 103.4 81.8 122.6
160 45.8 36.4 54.6

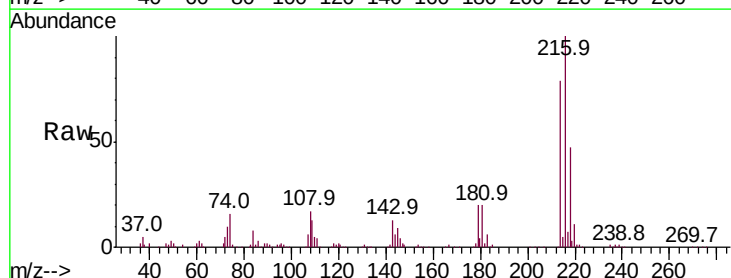


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

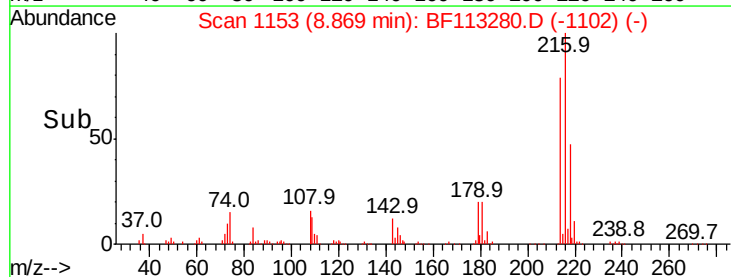
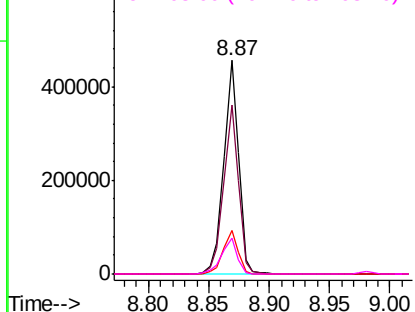


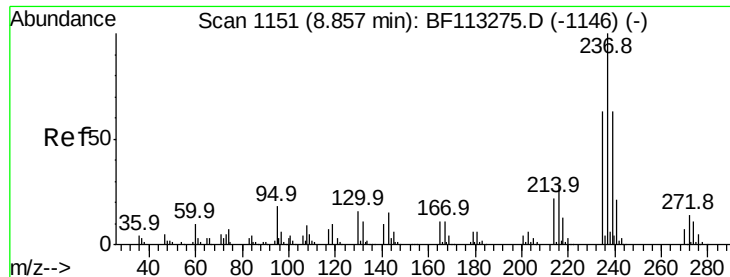
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.547 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

Tgt Ion:216 Resp: 387438
Ion Ratio Lower Upper
216 100
214 79.5 63.0 94.6
179 20.5 16.8 25.2
108 17.4 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: 38.023 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032519

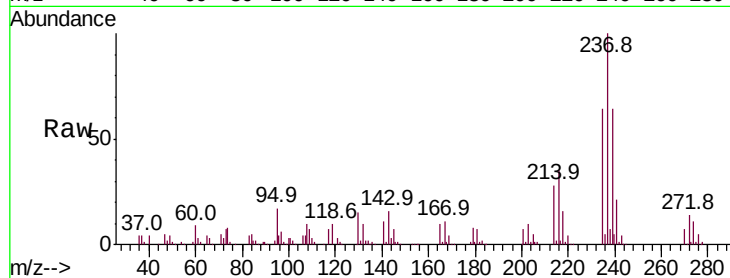
Tot Ion:237 Resp: 153783

Ion Ratio Lower Upper

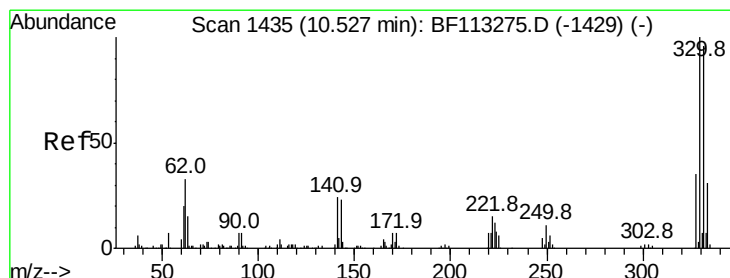
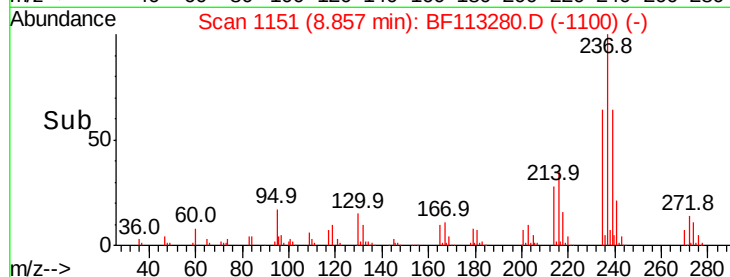
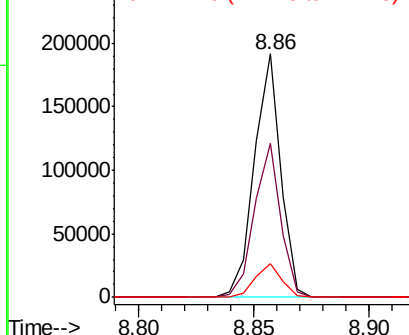
237 100

235 63.5 43.4 83.4

272 14.0 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: 79.987 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

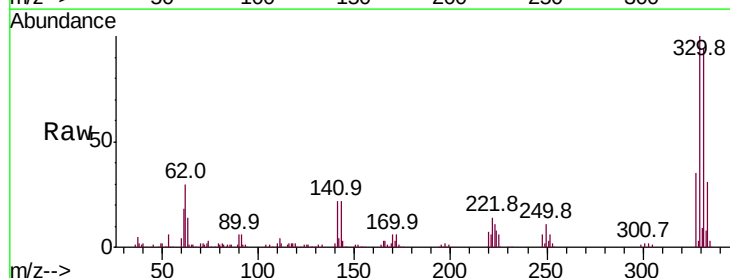
Tgt Ion:330 Resp: 294107

Ion Ratio Lower Upper

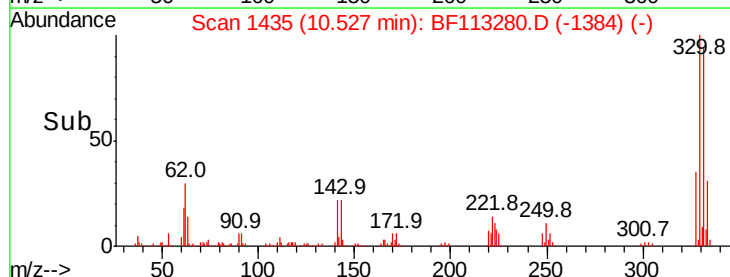
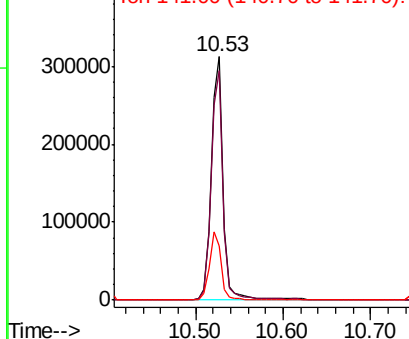
330 100

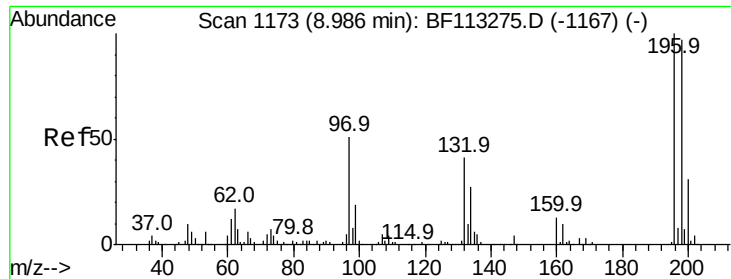
332 94.9 77.8 116.6

141 28.0 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

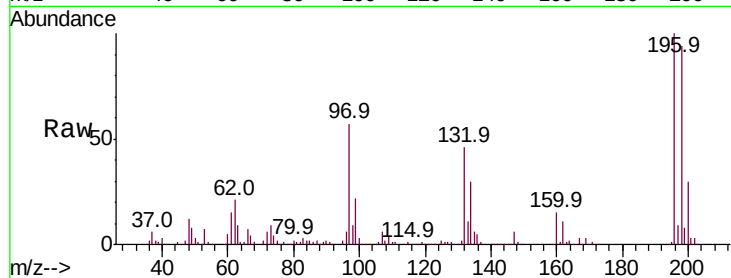




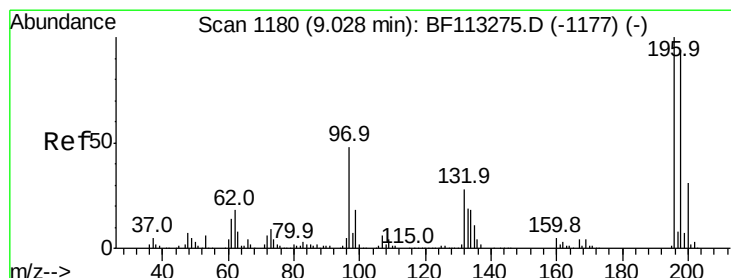
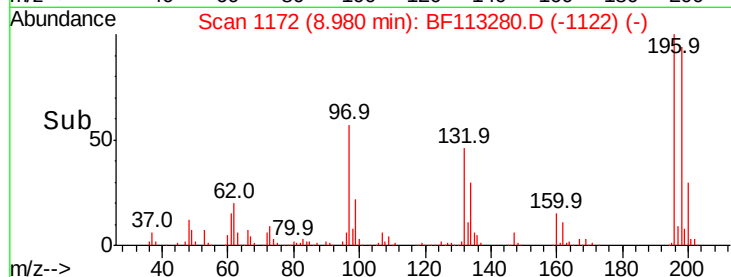
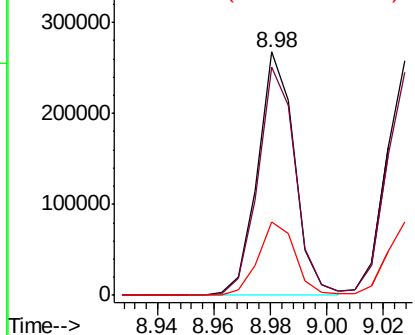
#43
 2,4,6-Trichlorophenol
 Concen: 38.971 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF113280.D
 Acq: 25 Mar 2019 15:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032519

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.5	77.7	116.5
200	30.3	24.9	37.3



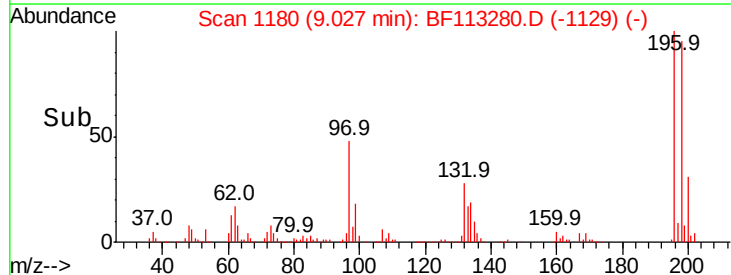
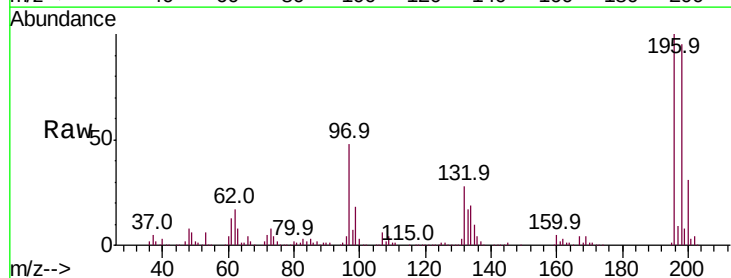
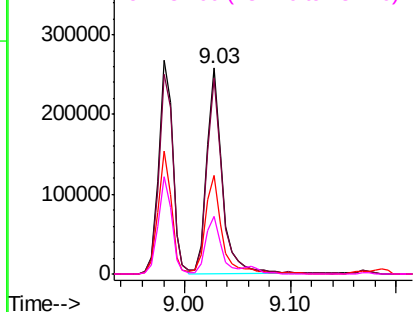
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

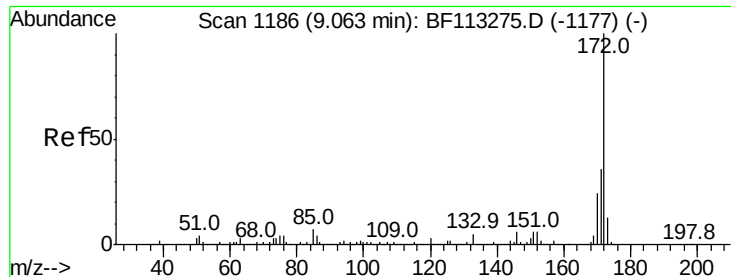


#44
 2,4,5-Trichlorophenol
 Concen: 38.411 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF113280.D
 Acq: 25 Mar 2019 15:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.4	113.2
97	47.6	38.6	58.0
132	27.9	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

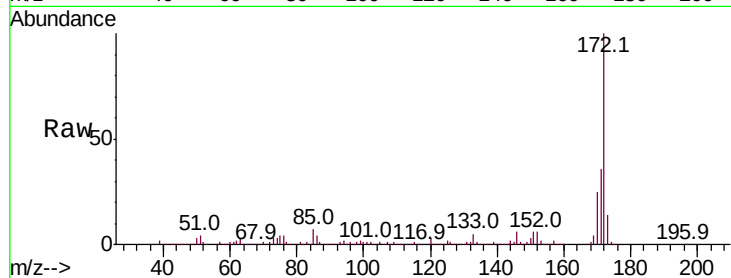




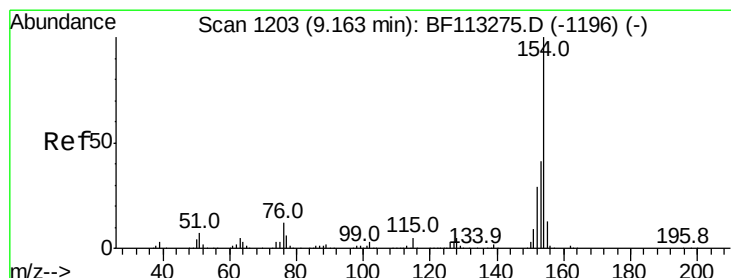
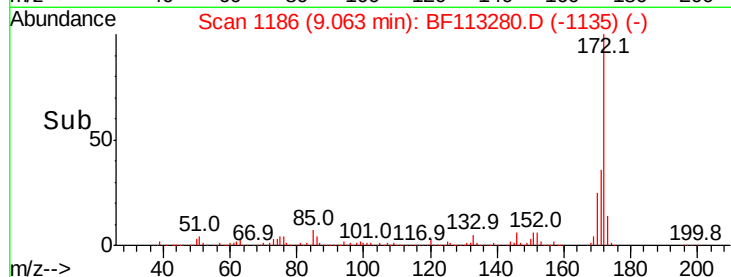
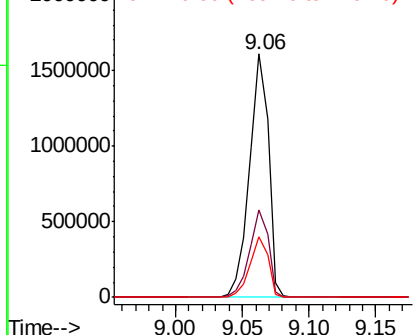
#45
2-Fluorobiphenyl
Concen: 82.013 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

Instrument :
BNA_F
ClientSampleId :
ICVBF032519

Tot Ion:172 Resp: 1569359
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 24.7 19.5 29.3

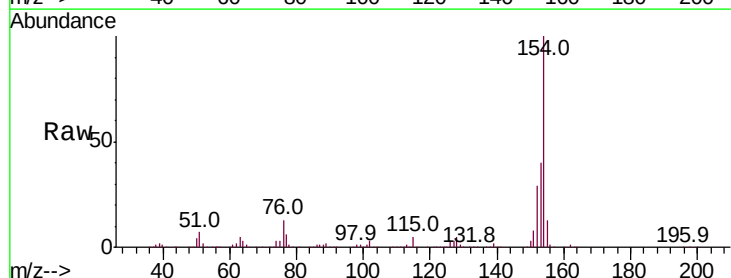


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

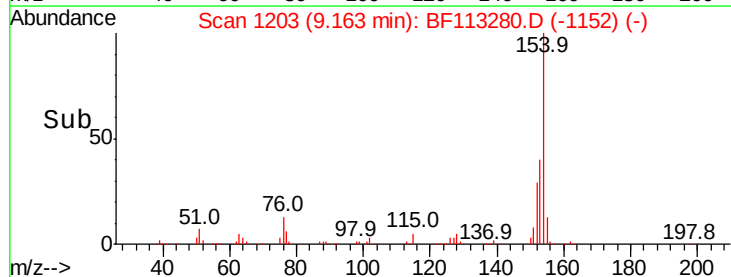
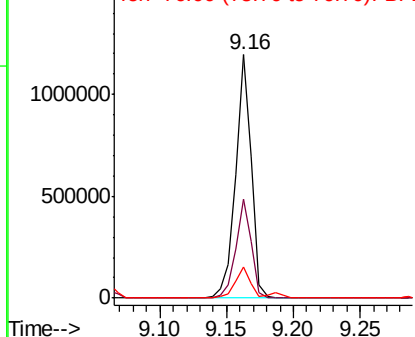


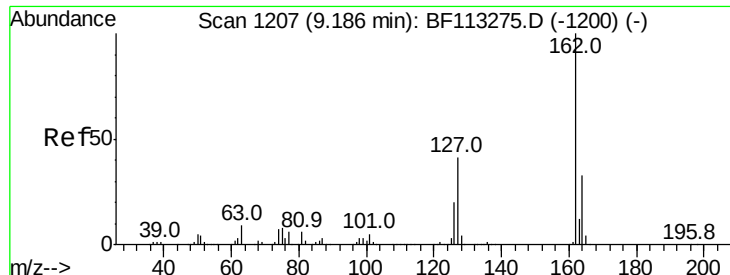
#46
1,1'-Biphenyl
Concen: 39.784 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

Tgt Ion:154 Resp: 989096
Ion Ratio Lower Upper
154 100
153 40.4 20.8 60.8
76 12.6 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

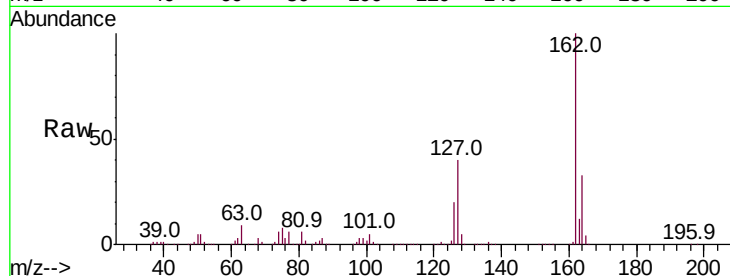




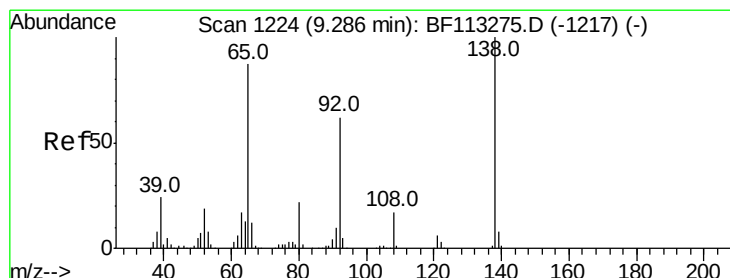
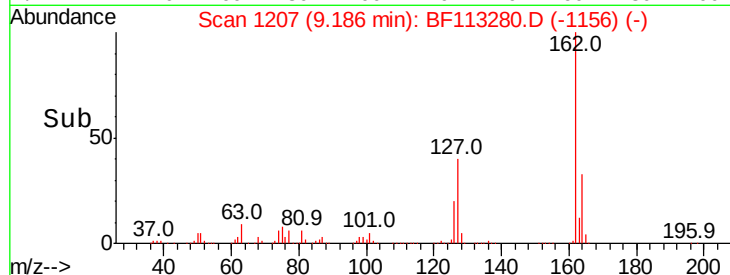
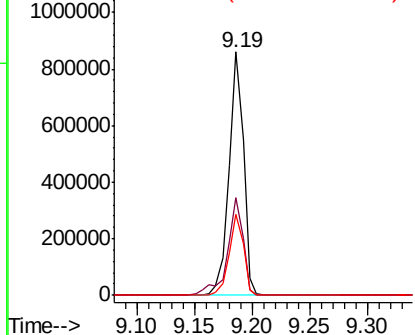
#47
 2-Chloronaphthalene
 Concen: 39.133 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF113280.D
 Acq: 25 Mar 2019 15:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032519

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.6	49.0
164	33.5	26.6	39.8

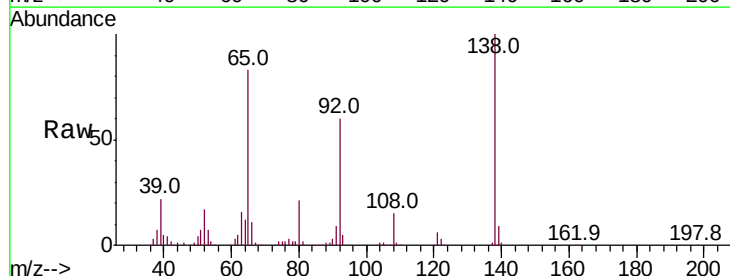


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

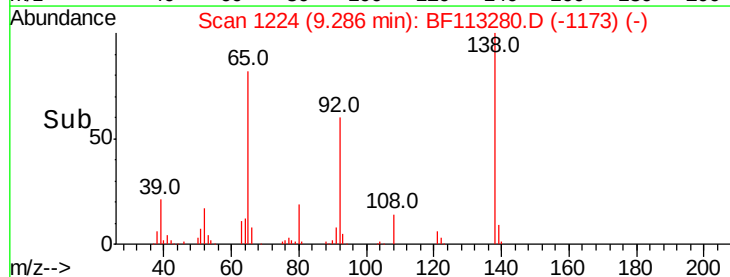
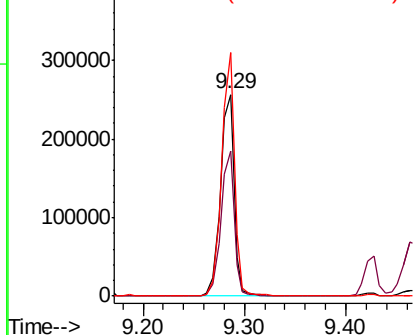


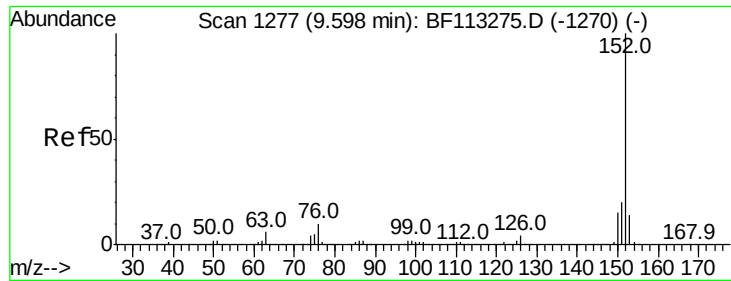
#48
 2-Nitroaniline
 Concen: 40.193 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF113280.D
 Acq: 25 Mar 2019 15:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.2	56.8	85.2
138	120.9	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: 40.692 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

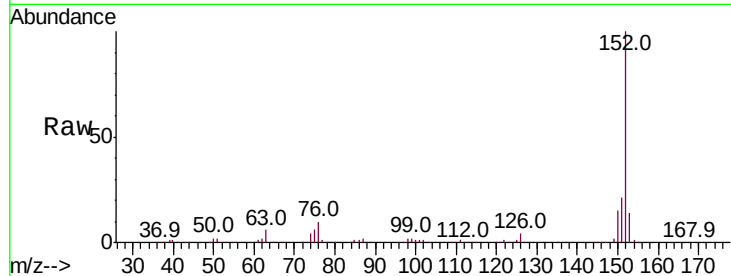
BNA_F

ClientSampleId :

ICVBF032519

Tot Ion:152 Resp: 1259458

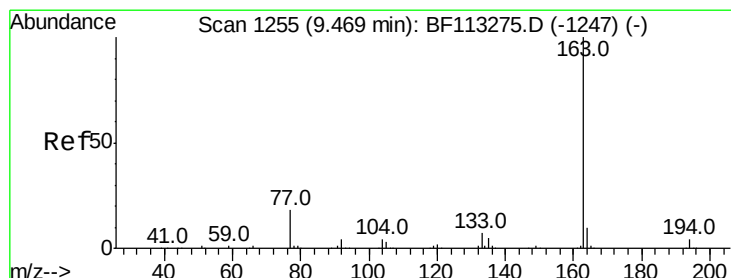
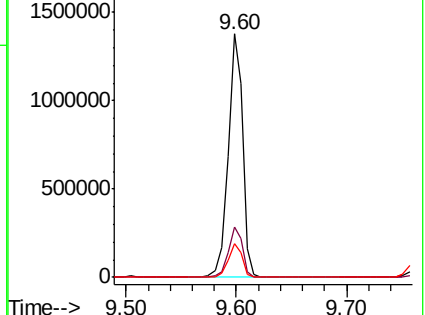
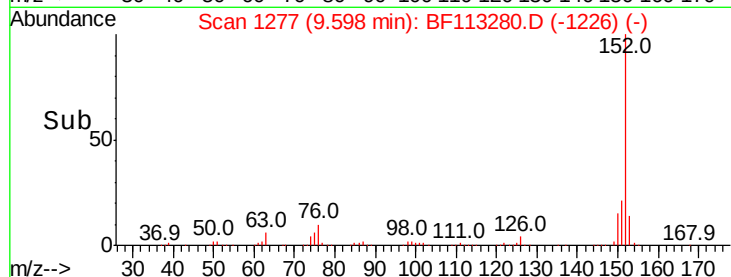
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4
153	13.8	11.0	16.6



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: 40.003 ng

RT: 9.47 min Scan# 1255

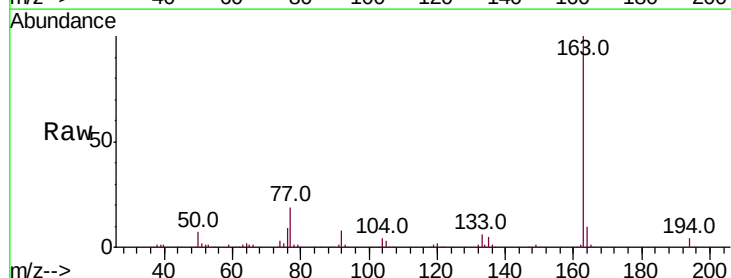
Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Tgt Ion:163 Resp: 882459

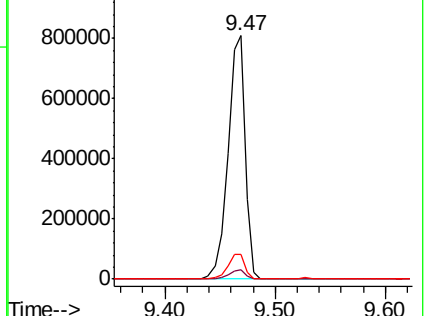
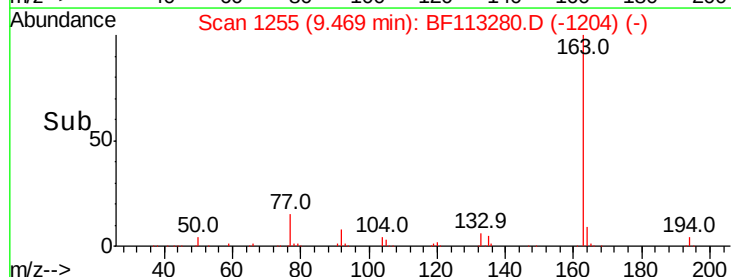
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.0	8.1	12.1

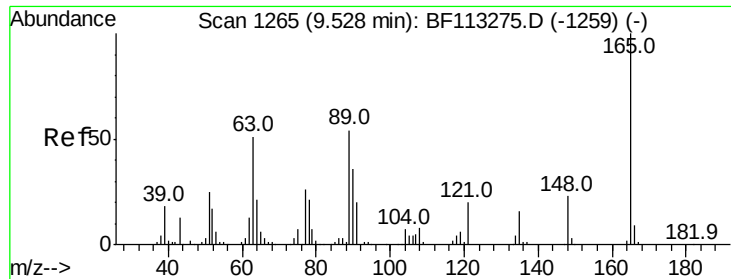


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.003 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032519

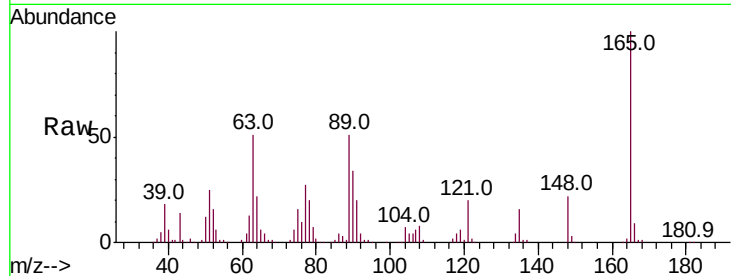
Tot Ion:165 Resp: 199083

Ion Ratio Lower Upper

165 100

63 51.0 43.4 65.0

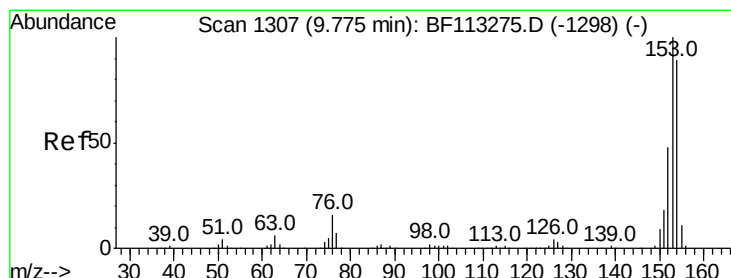
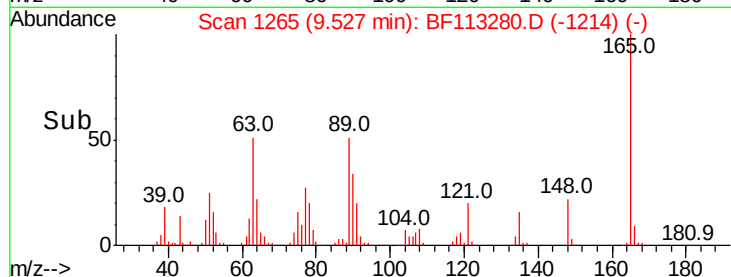
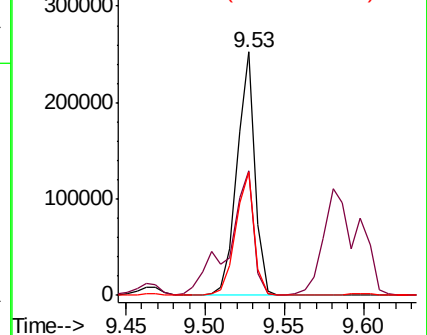
89 50.7 43.1 64.7



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: 39.044 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

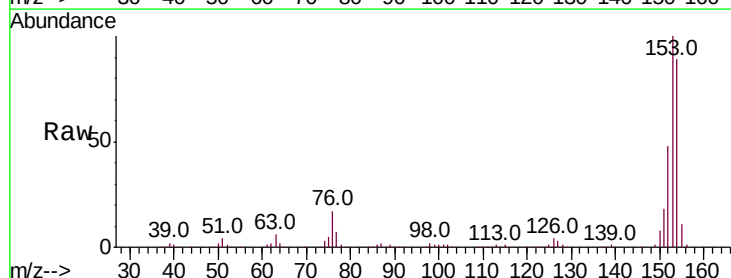
Tgt Ion:154 Resp: 680533

Ion Ratio Lower Upper

154 100

153 111.9 89.5 134.3

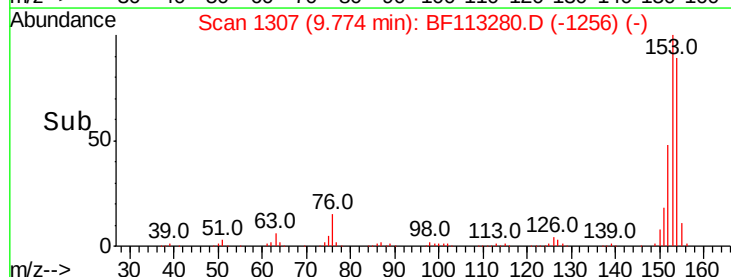
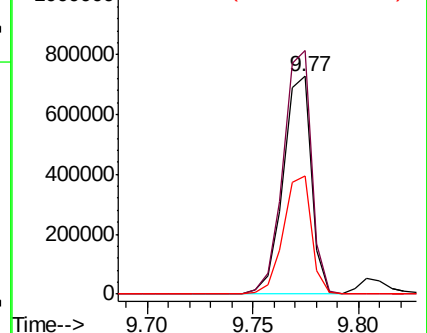
152 54.1 43.3 64.9

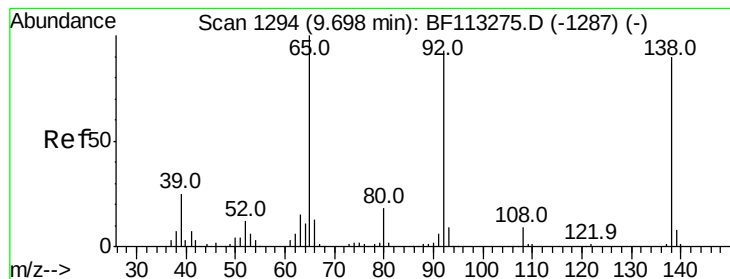


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 40.678 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032519

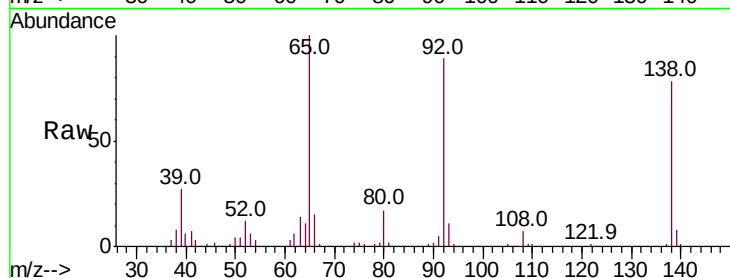
Tot Ion:138 Resp: 228295

Ion Ratio Lower Upper

138 100

108 9.5 7.8 11.6

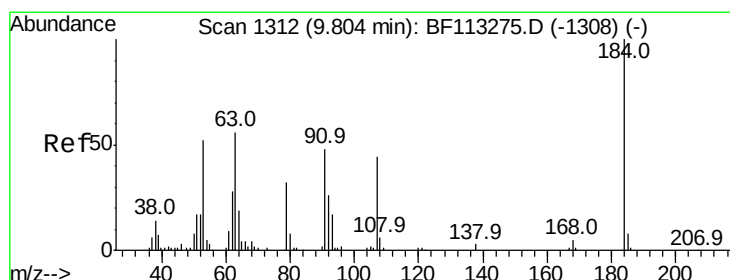
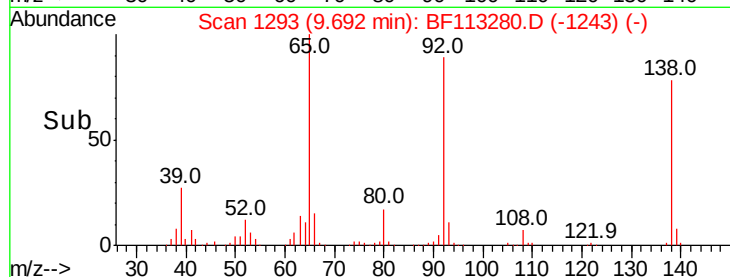
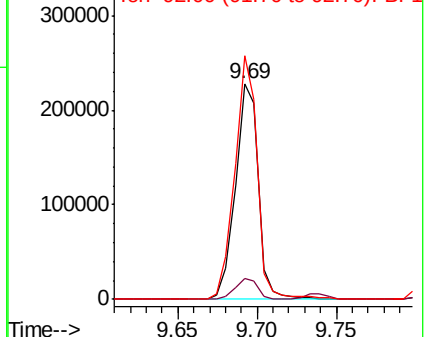
92 112.9 82.6 124.0



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: 38.102 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

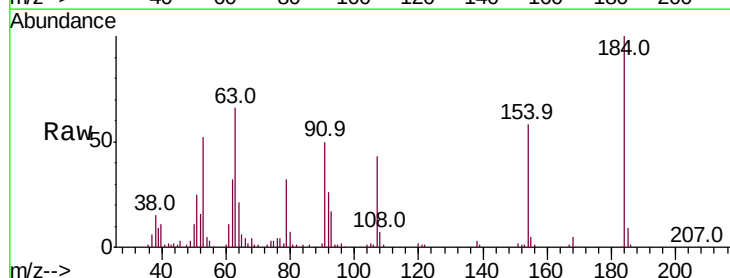
Tgt Ion:184 Resp: 94311

Ion Ratio Lower Upper

184 100

63 65.7 54.3 81.5

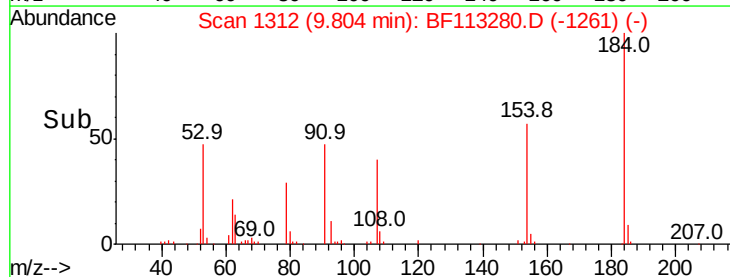
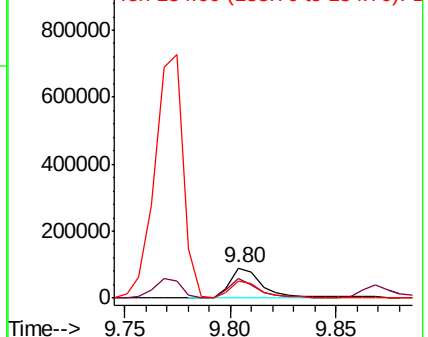
154 57.7 48.4 72.6

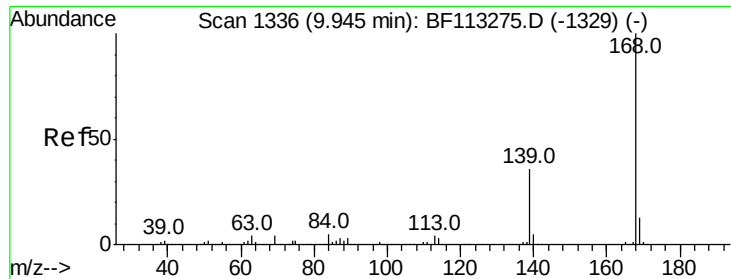


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 40.467 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032519

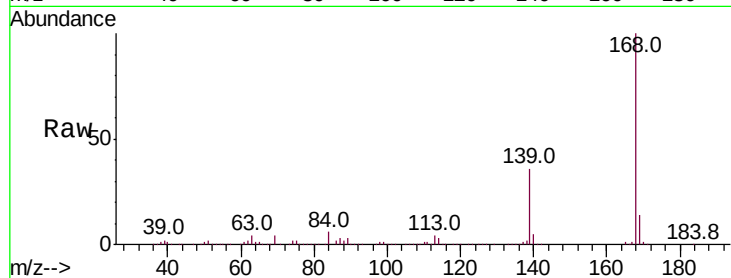
Tot Ion:168 Resp: 1060378

Ion Ratio Lower Upper

168 100

139 35.8 29.7 44.5

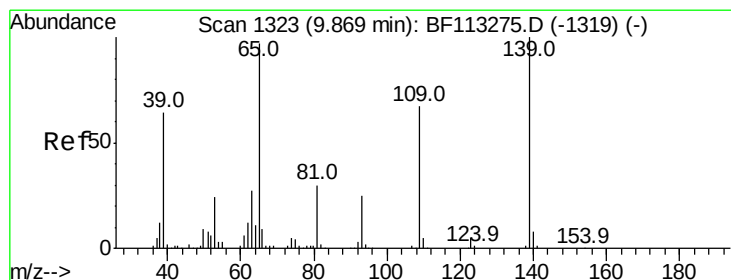
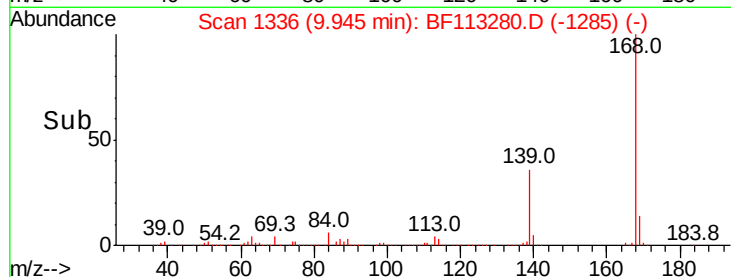
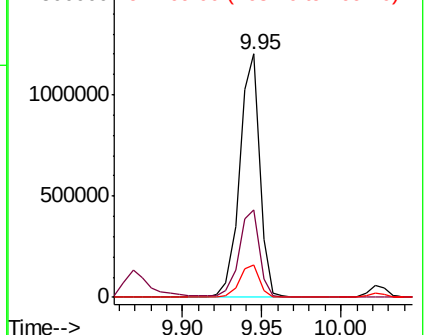
169 13.5 10.7 16.1



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: 39.892 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

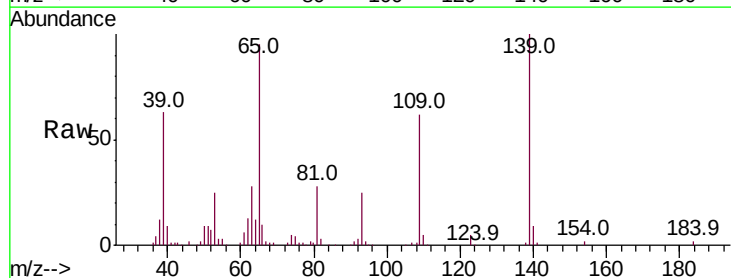
Tgt Ion:139 Resp: 159616

Ion Ratio Lower Upper

139 100

109 62.2 46.9 86.9

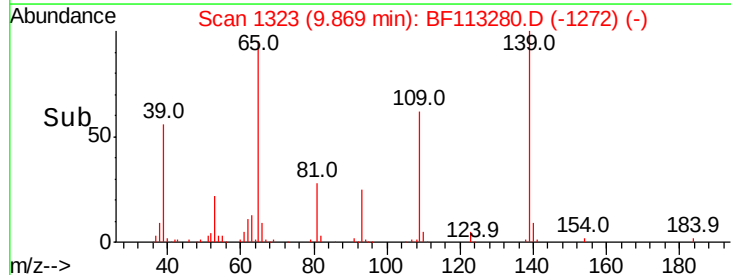
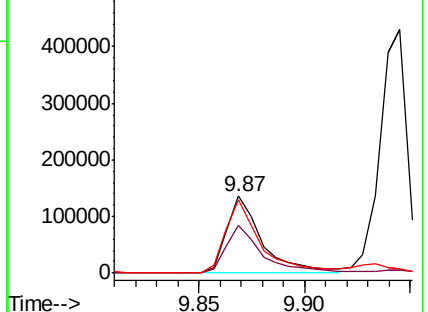
65 95.5 77.2 117.2

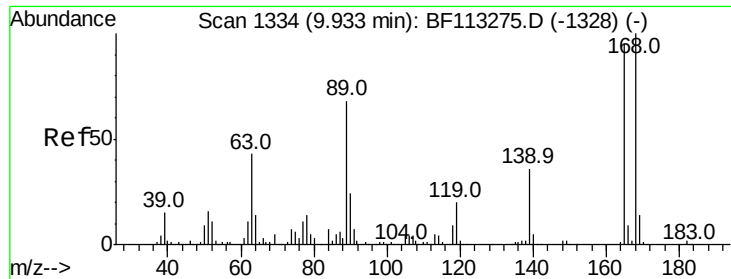


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

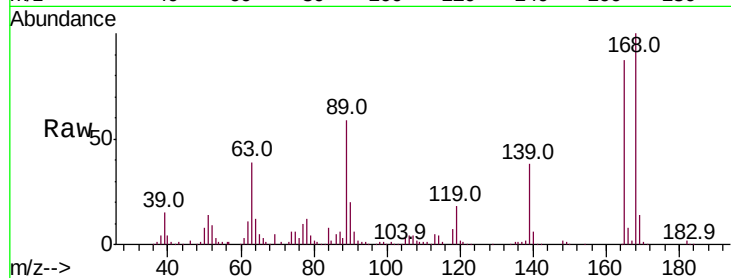




#57
 2,4-Dinitrotoluene
 Concen: 41.356 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF113280.D
 Acq: 25 Mar 2019 15:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032519

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.5	37.5	56.3
89	68.2	57.4	86.2
182	2.5	2.0	3.0



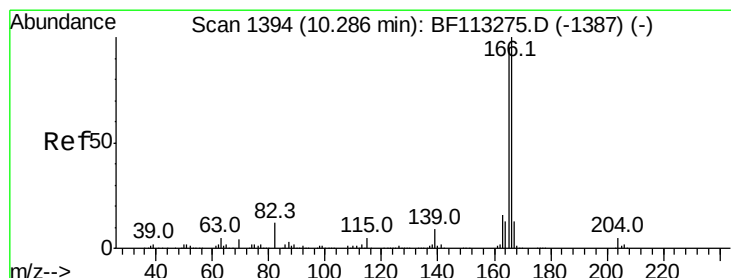
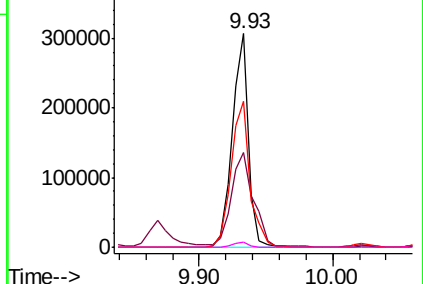
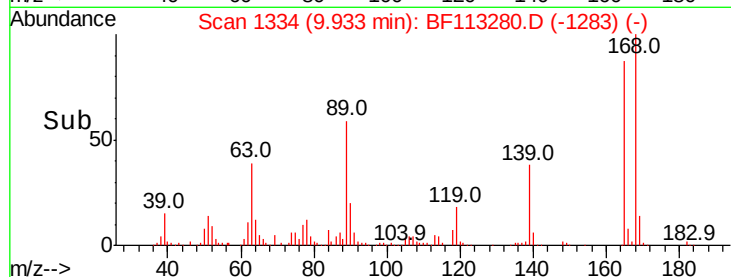
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

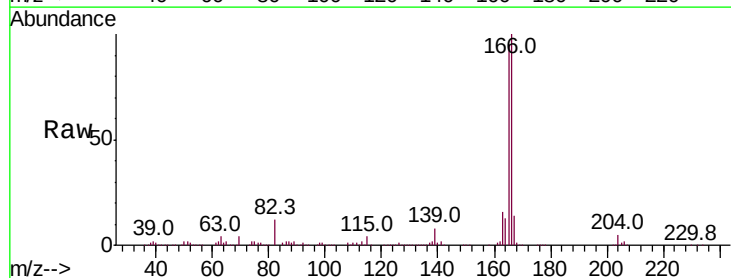
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 38.967 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BF113280.D
 Acq: 25 Mar 2019 15:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.6	76.2	114.2
167	13.6	10.7	16.1

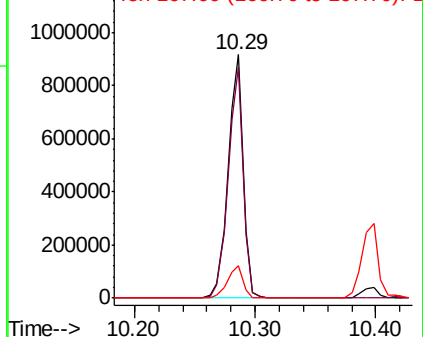
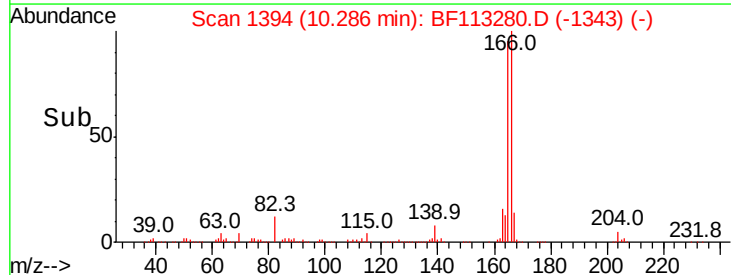


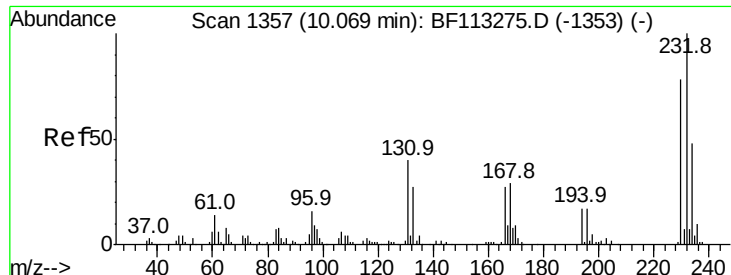
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

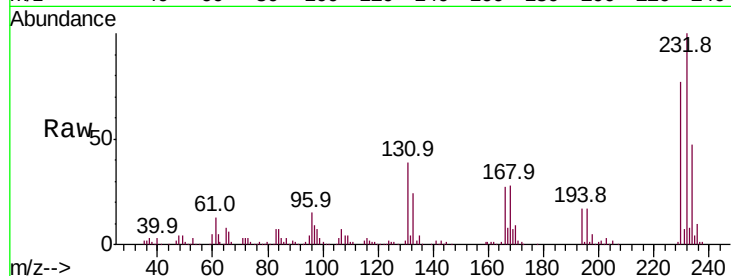




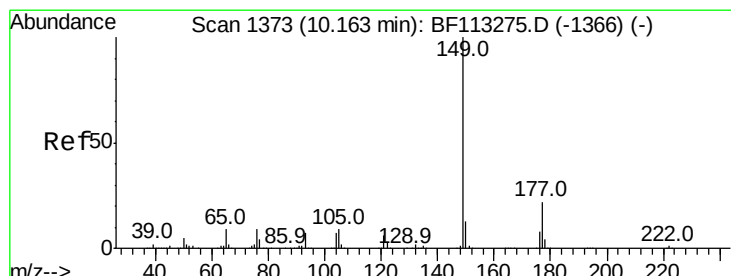
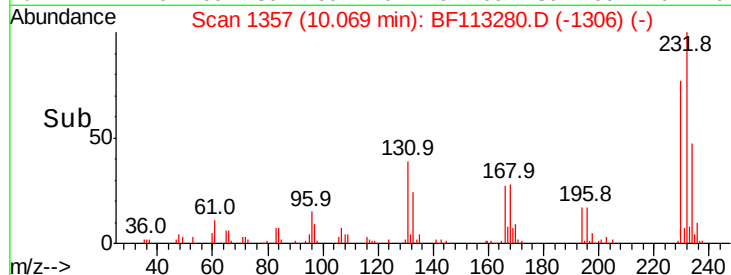
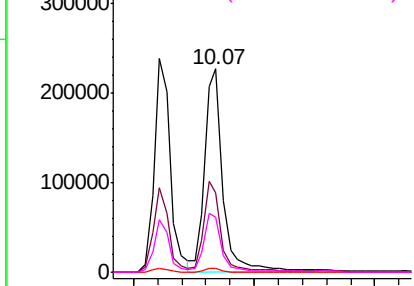
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.346 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF113280.D
 Acq: 25 Mar 2019 15:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032519

Tot Ion:	232	Resp:	234947
Ion	Ratio	Lower	Upper
232	100		
131	41.9	33.2	49.8
130	1.9	1.6	2.4
166	28.3	21.0	31.6

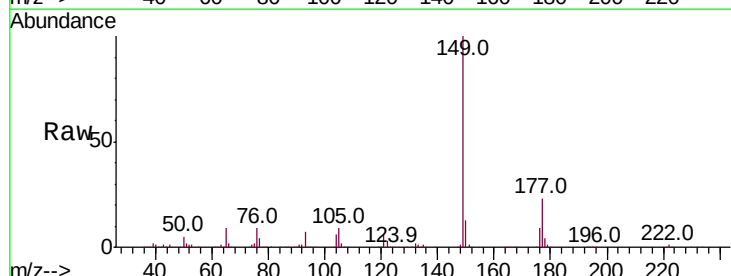


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

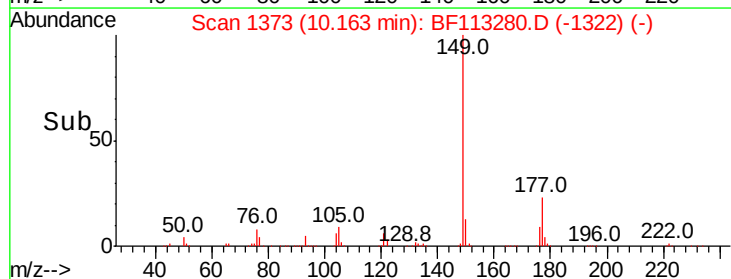
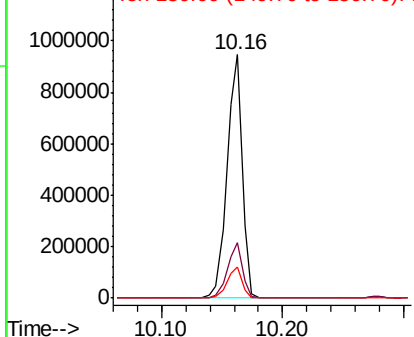


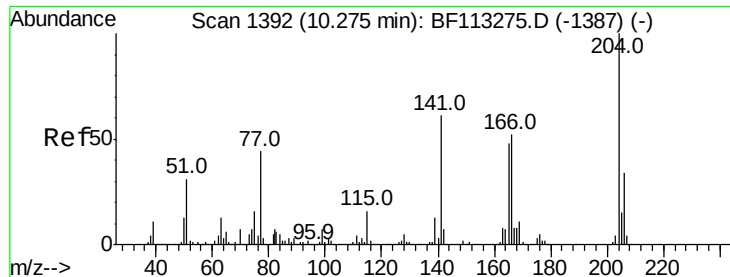
#60
 Diethylphthalate
 Concen: 38.047 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF113280.D
 Acq: 25 Mar 2019 15:39

Tgt Ion:	149	Resp:	823362
Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.4	26.0
150	12.6	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

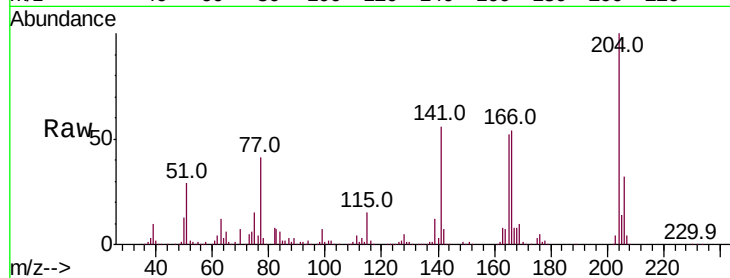




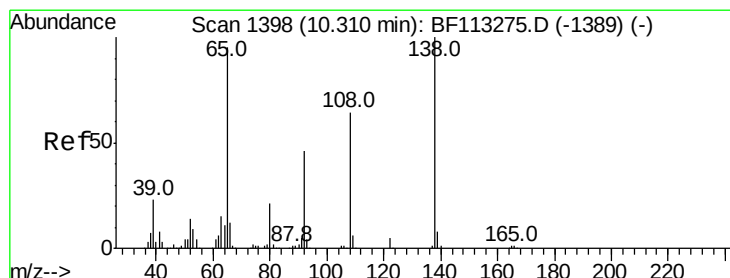
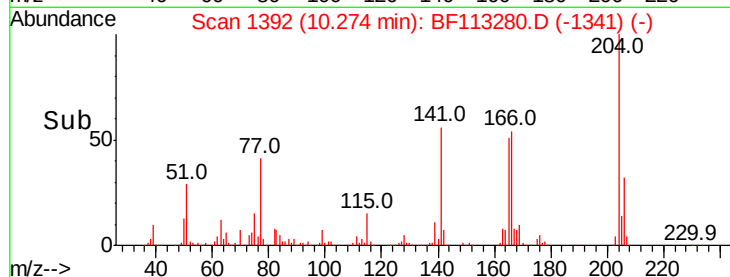
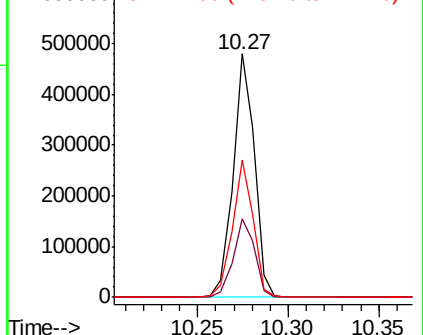
#61
4-Chlorophenyl-phenylether
Concen: 39.588 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

Instrument :
BNA_F
ClientSampleId :
ICVBF032519

Tot Ion:204 Resp: 392760
Ion Ratio Lower Upper
204 100
206 32.2 26.9 40.3
141 56.4 48.8 73.2

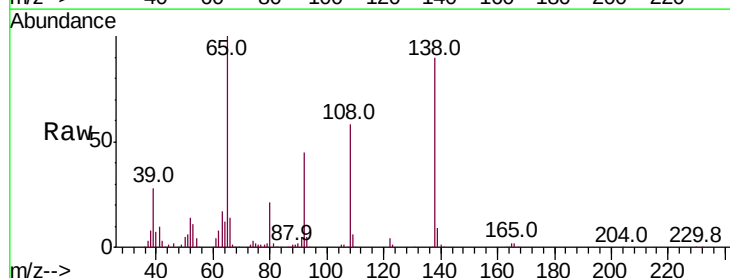


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

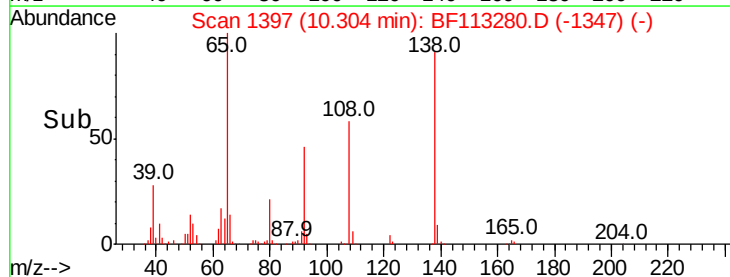
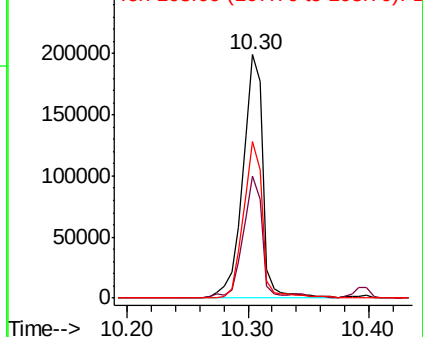


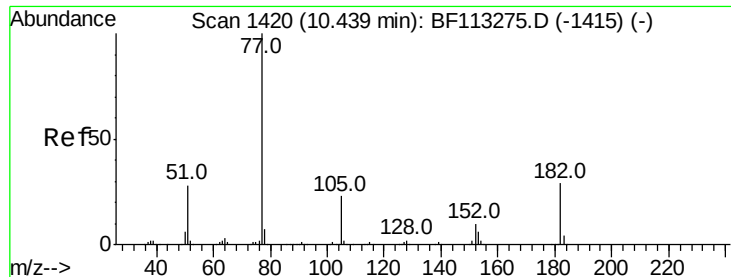
#62
4-Nitroaniline
Concen: 40.125 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

Tgt Ion:138 Resp: 231858
Ion Ratio Lower Upper
138 100
92 50.0 25.8 65.8
108 64.1 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: 40.420 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032519

Tot Ion: 77 Resp: 823390

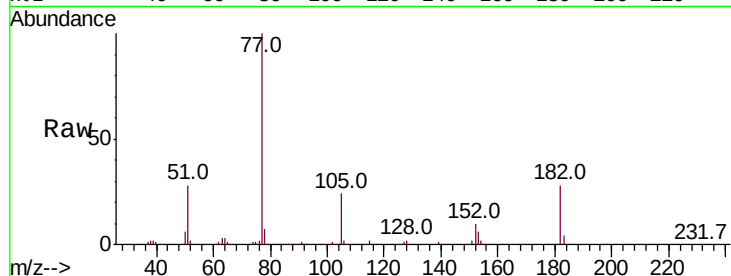
Ion Ratio Lower Upper

77 100

182 28.4 8.7 48.7

105 23.6 2.9 42.9

51 28.5 8.8 48.8

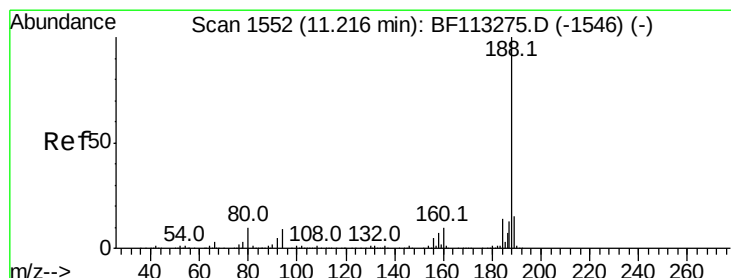
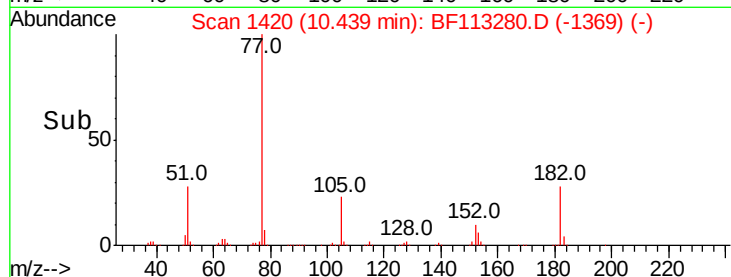
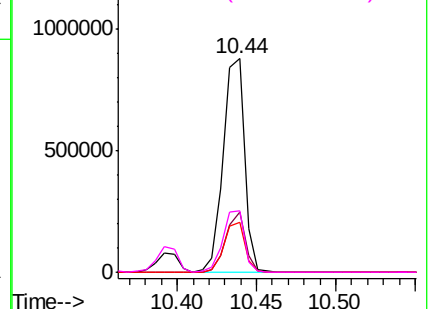


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF113280.D

Acq: 25 Mar 2019 15:39

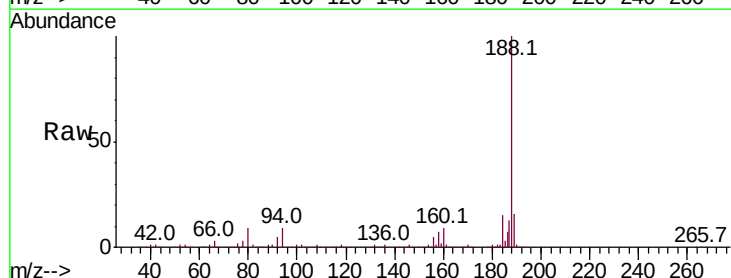
Tgt Ion: 188 Resp: 600061

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

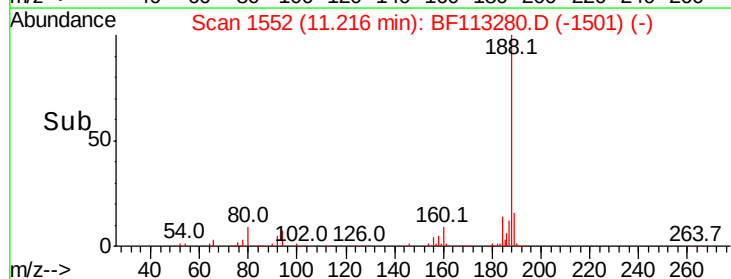
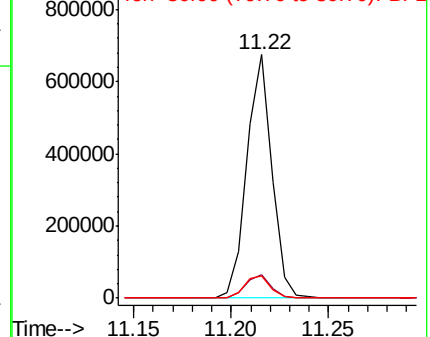
80 9.0 7.7 11.5

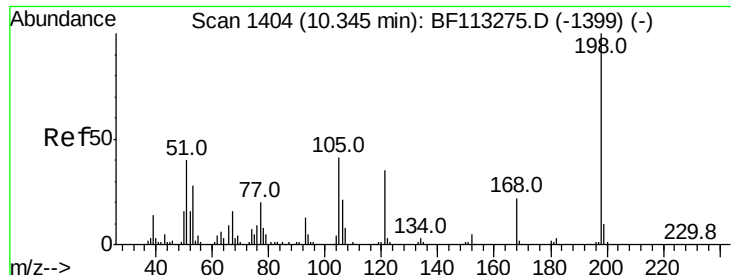


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

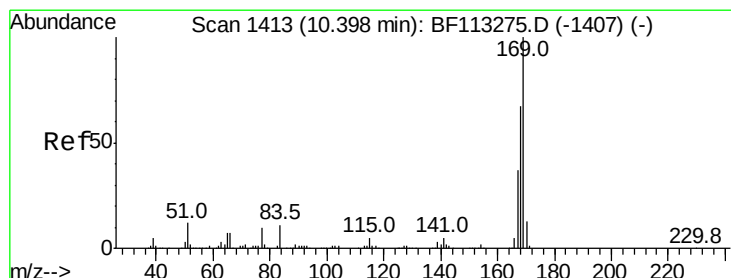
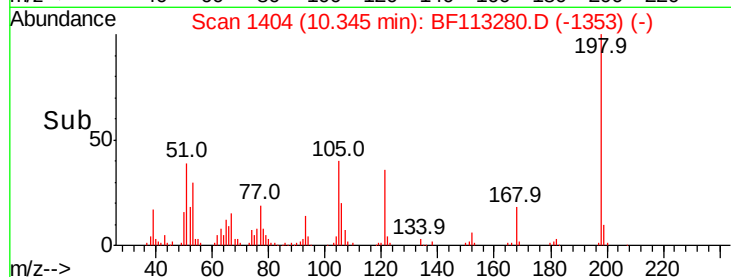
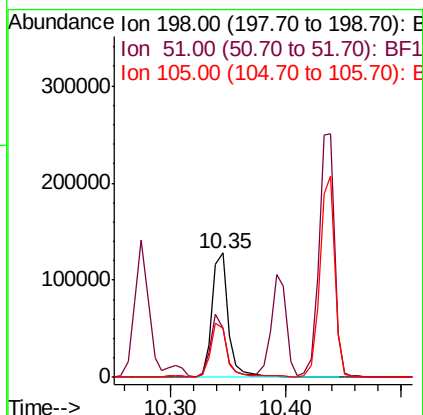
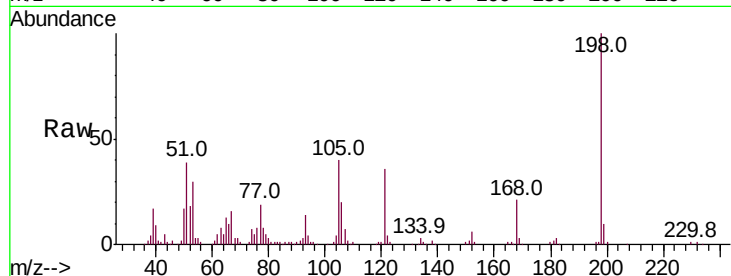




#65
4,6-Dinitro-2-methylphenol
Concen: 38.763 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

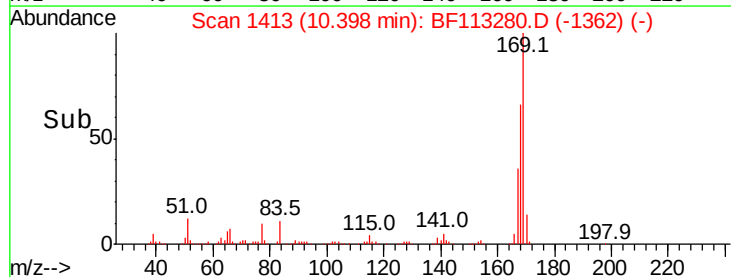
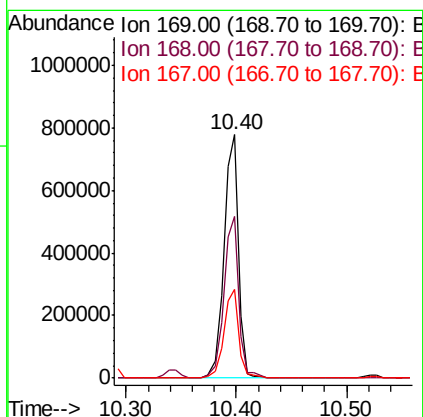
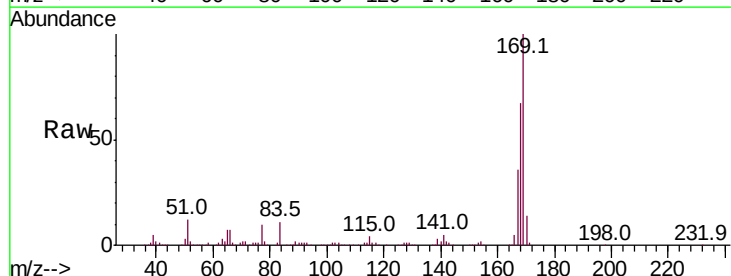
Instrument :
BNA_F
ClientSampleId :
ICVBF032519

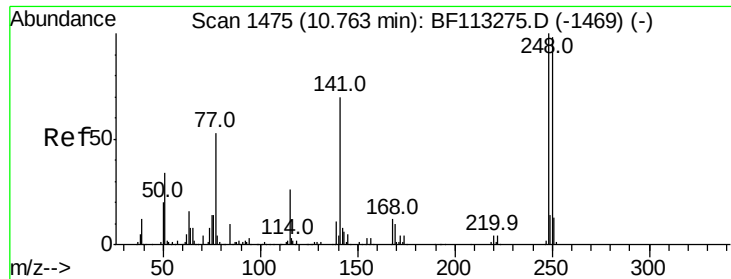
Tot Ion:198 Resp: 127243
Ion Ratio Lower Upper
198 100
51 39.3 21.6 61.6
105 39.5 20.6 60.6



#66
n-Nitrosodiphenylamine
Concen: 38.646 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

Tgt Ion:169 Resp: 711591
Ion Ratio Lower Upper
169 100
168 66.6 53.7 80.5
167 36.3 29.5 44.3

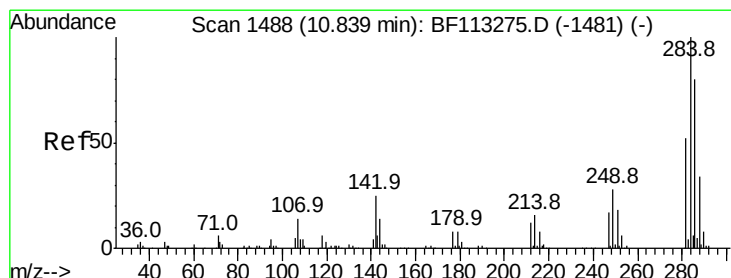
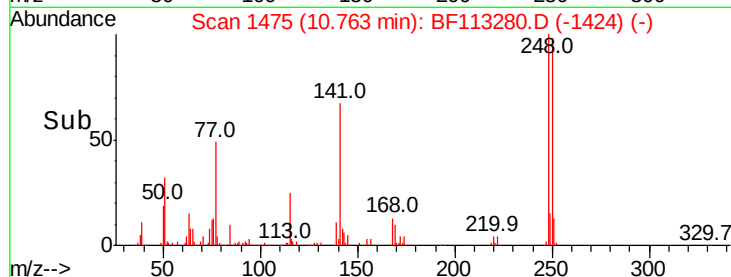
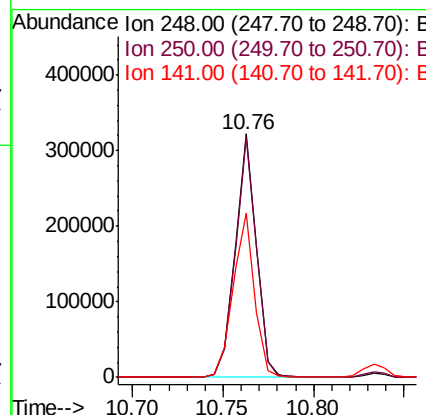
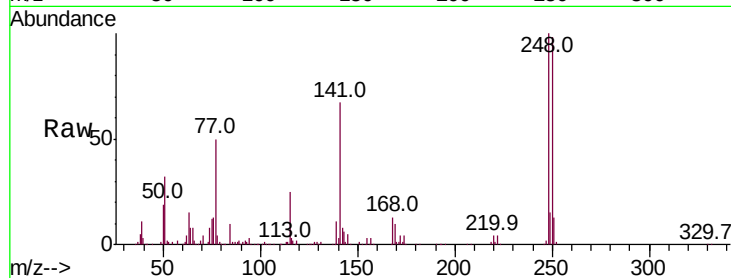




#67
4-Bromophenyl-phenylether
Concen: 40.295 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

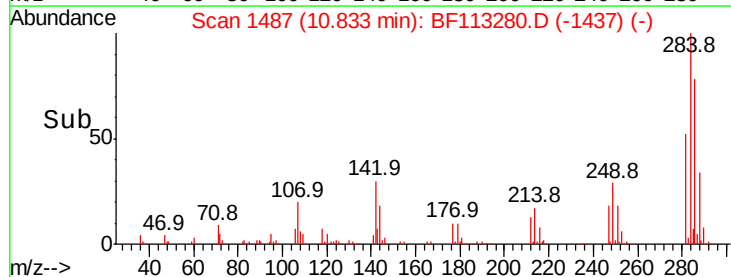
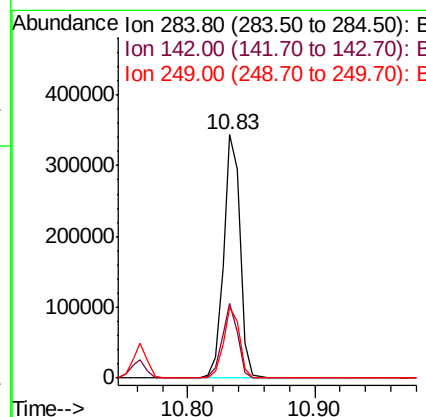
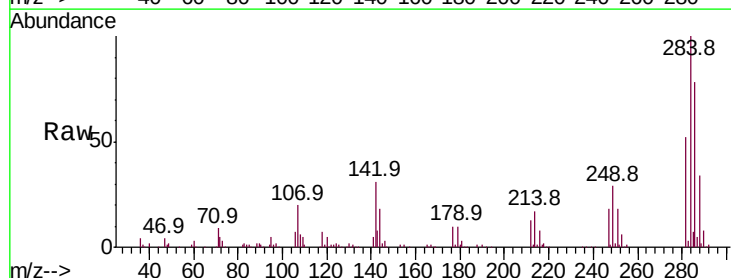
Instrument :
BNA_F
ClientSampleId :
ICVBF032519

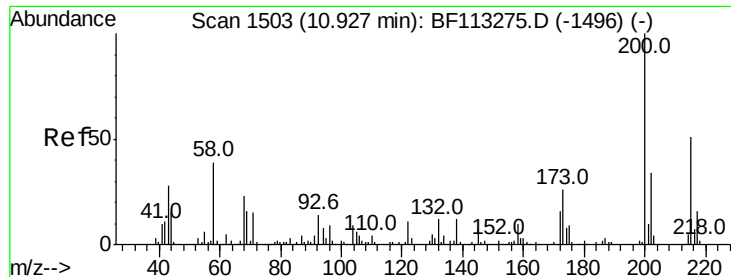
Tot Ion:248 Resp: 263539
Ion Ratio Lower Upper
248 100
250 98.5 78.3 117.5
141 67.4 56.2 84.4



#68
Hexachlorobenzene
Concen: 41.419 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

Tgt Ion:284 Resp: 314427
Ion Ratio Lower Upper
284 100
142 30.6 20.1 30.1#
249 29.2 22.7 34.1

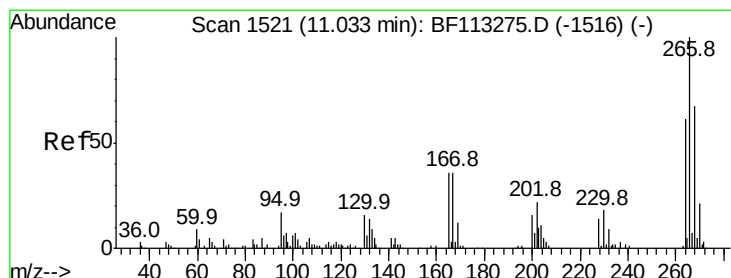
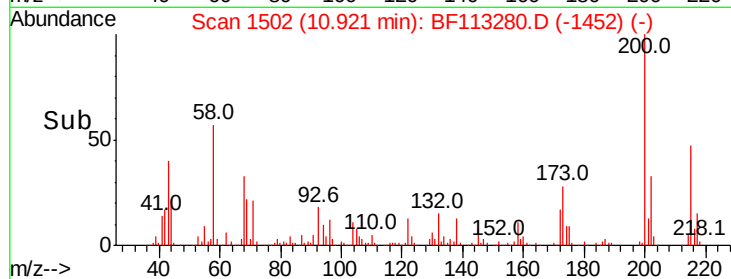
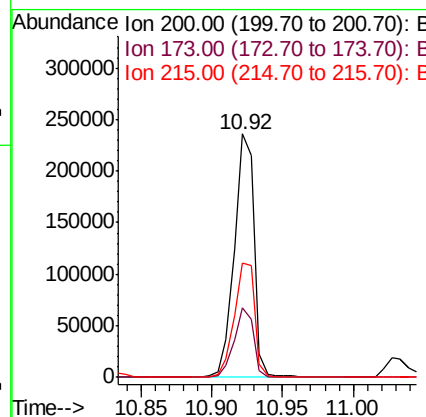
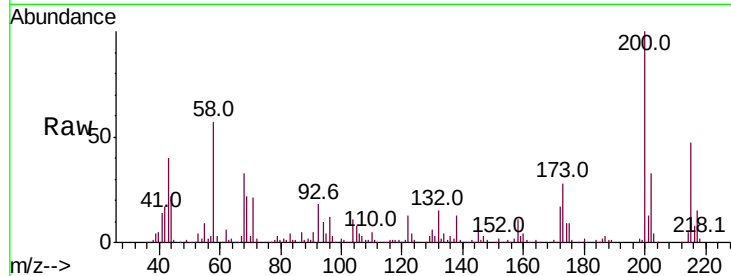




#69
 Atrazine
 Concen: 39.531 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF113280.D
 Acq: 25 Mar 2019 15:39

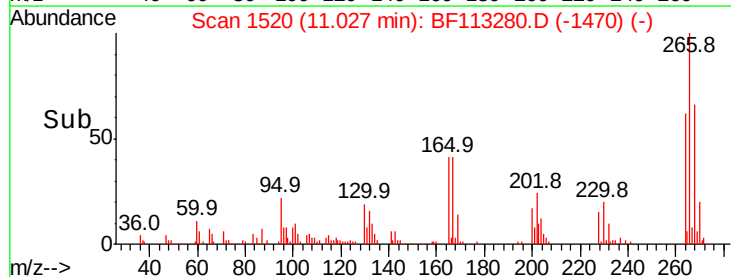
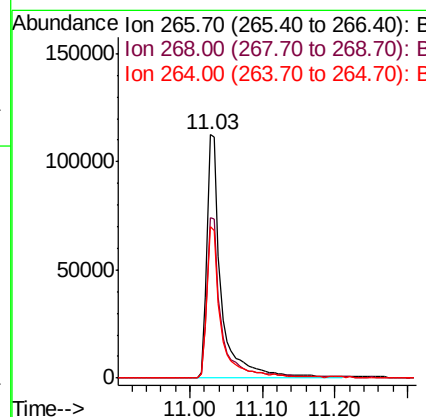
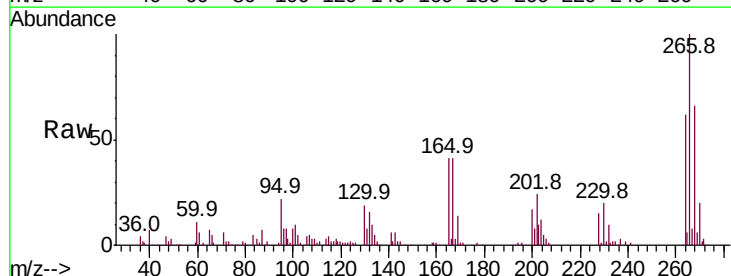
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032519

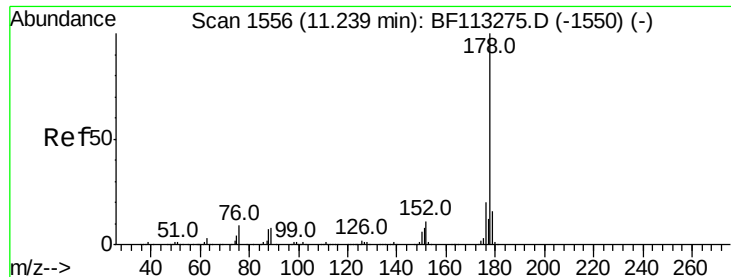
Tot Ion:200 Resp: 229745
 Ion Ratio Lower Upper
 200 100
 173 28.5 6.0 46.0
 215 47.2 31.3 71.3



#70
 Pentachlorophenol
 Concen: 40.022 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF113280.D
 Acq: 25 Mar 2019 15:39

Tgt Ion:266 Resp: 158294
 Ion Ratio Lower Upper
 266 100
 268 65.8 53.8 80.6
 264 62.2 49.2 73.8





#71

Phenanthrene

Concen: 40.447 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032519

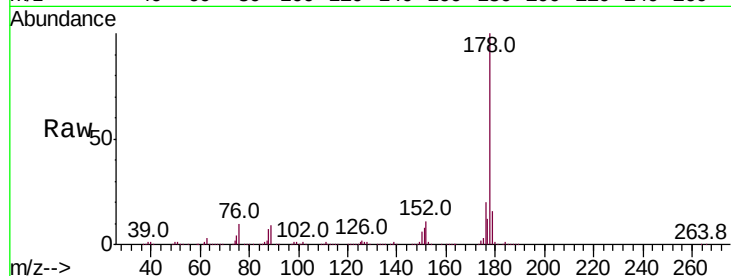
Tot Ion:178 Resp: 1205286

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.2
179	16.4	12.7	19.1

178 100

176 20.2 16.2 24.2

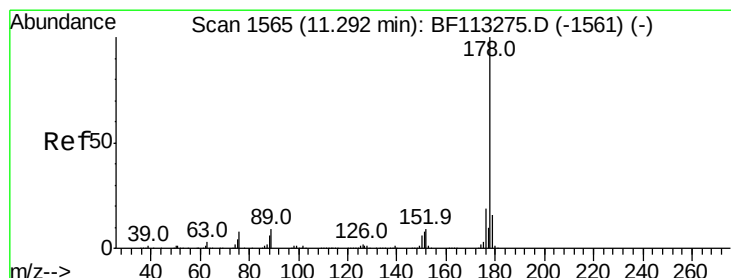
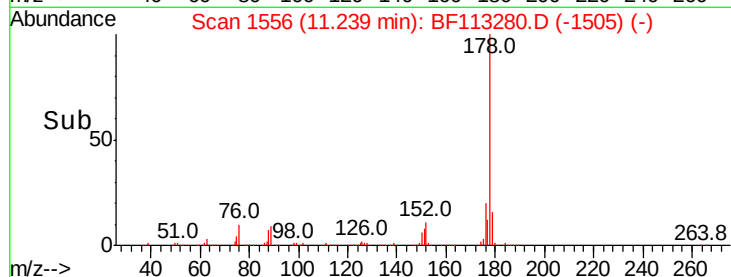
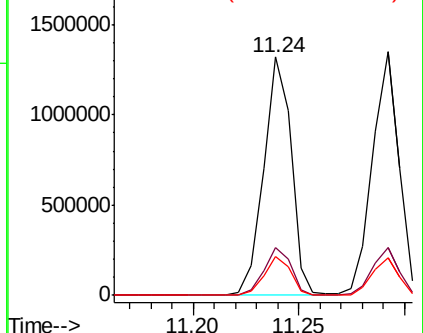
179 16.4 12.7 19.1



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: 39.700 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

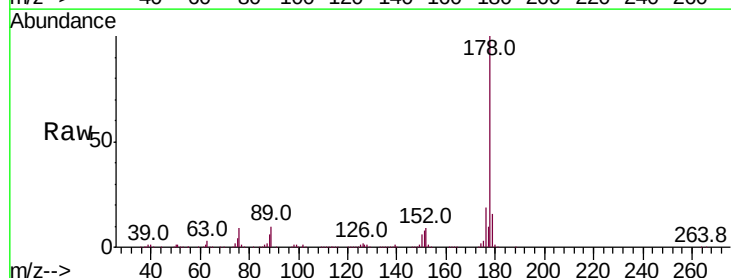
Tgt Ion:178 Resp: 1201635

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.6	12.8	19.2

178 100

176 19.4 15.4 23.2

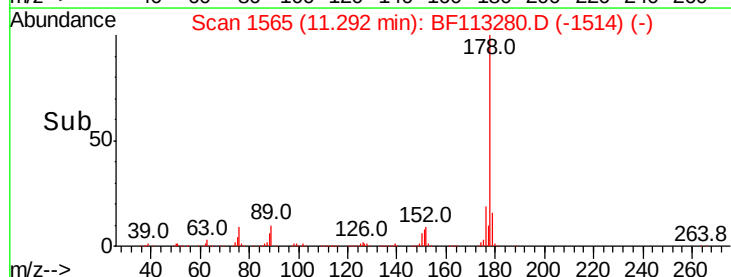
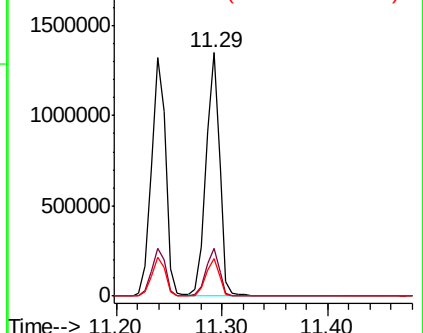
179 15.6 12.8 19.2

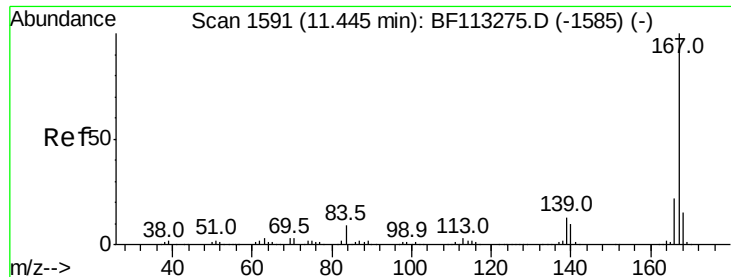


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



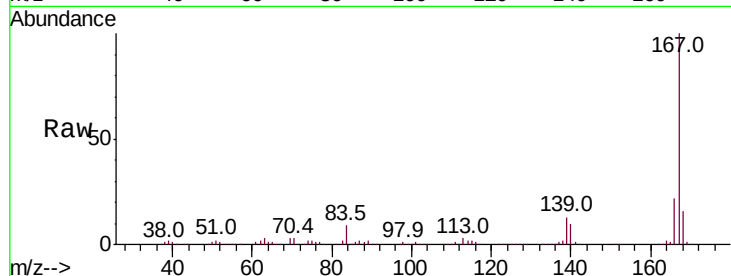


#73
 Carbazole
 Concen: 40.254 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF113280.D
 Acq: 25 Mar 2019 15:39

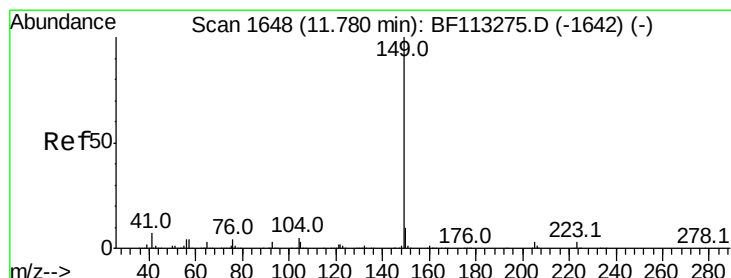
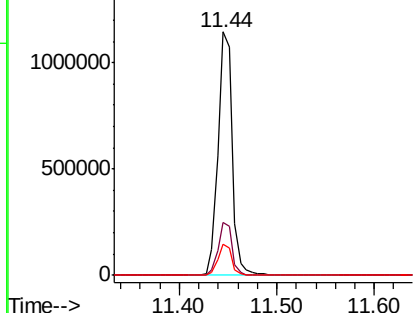
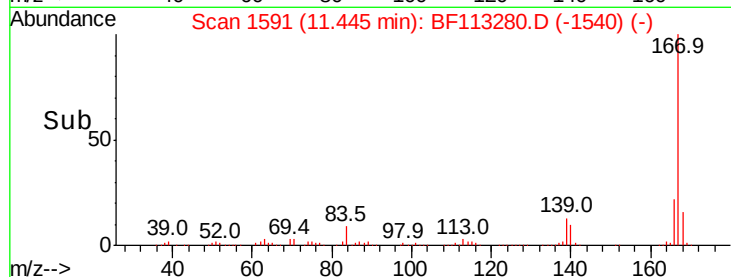
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032519

Tot Ion:167 Resp: 1162630

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.0	10.4	15.6



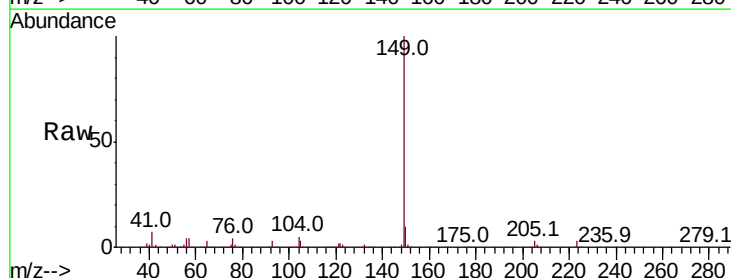
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



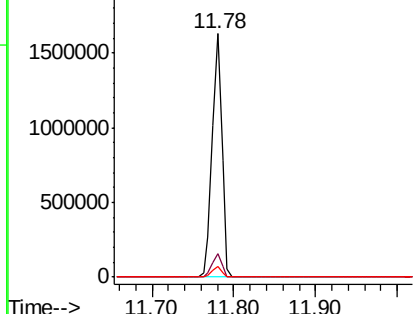
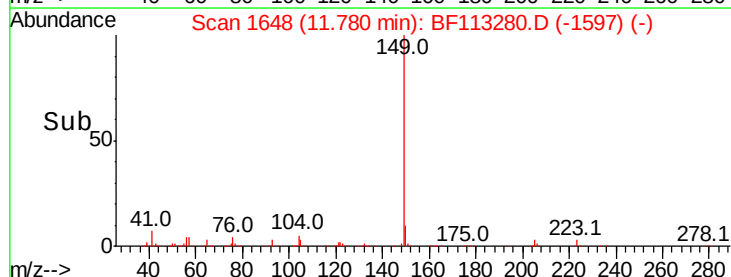
#74
 Di-n-butylphthalate
 Concen: 40.084 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BF113280.D
 Acq: 25 Mar 2019 15:39

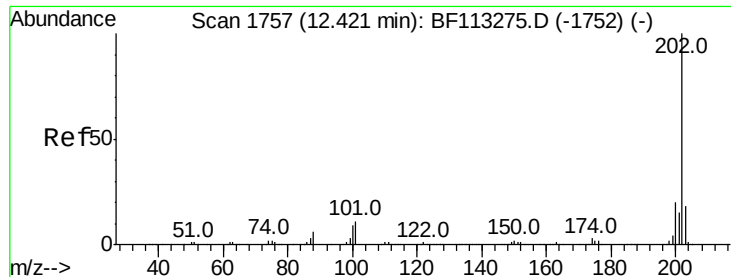
Tgt Ion:149 Resp: 1342520

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.6	3.7	5.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



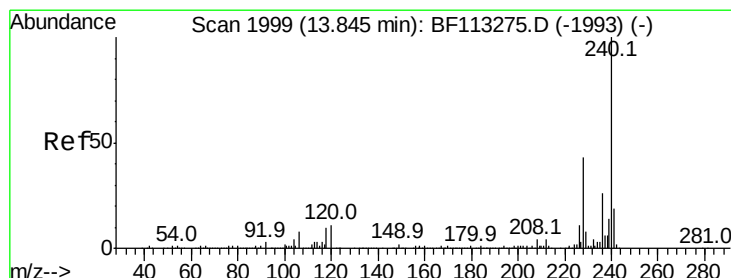
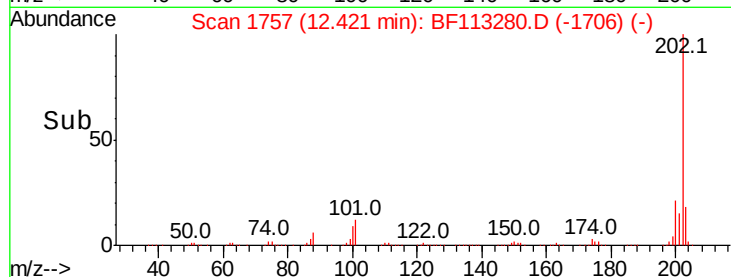
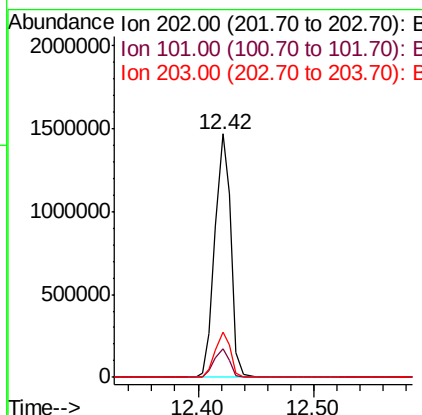
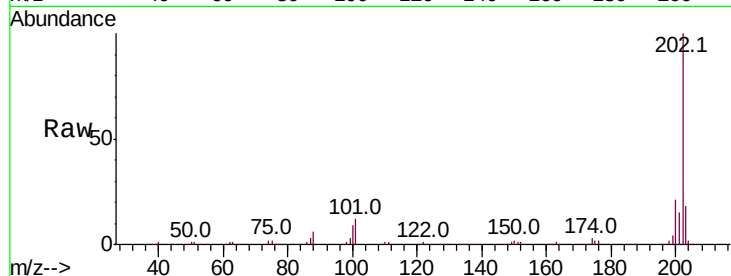


#75
 Fluoranthene
 Concen: 41.587 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BF113280.D
 Acq: 25 Mar 2019 15:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF032519

Tot Ion:202 Resp: 1400965

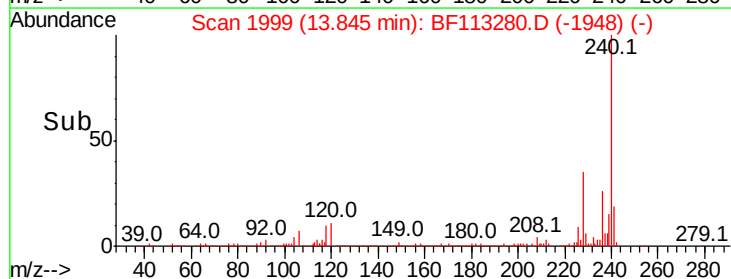
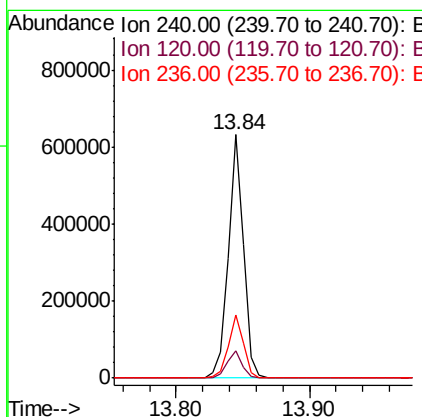
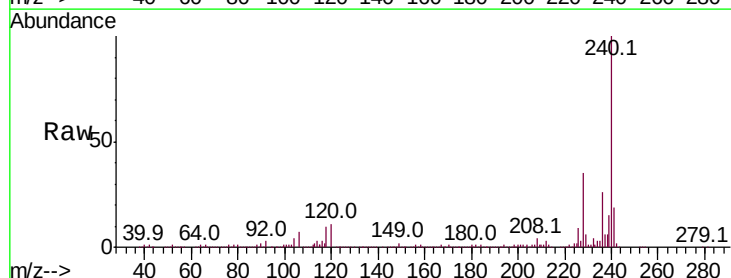
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.4
203	18.4	0.0	38.0

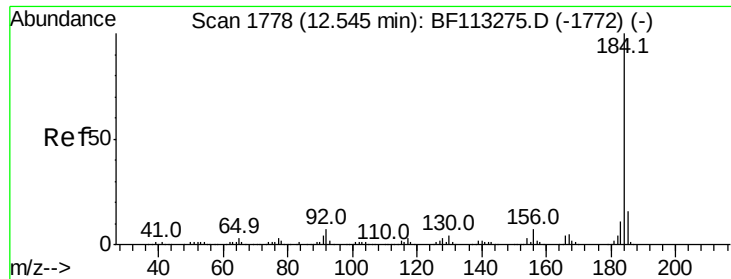


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.00 min
 Lab File: BF113280.D
 Acq: 25 Mar 2019 15:39

Tgt Ion:240 Resp: 508947

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.8	13.2
236	26.1	20.9	31.3





#77

Benzidine

Concen: 36.921 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032519

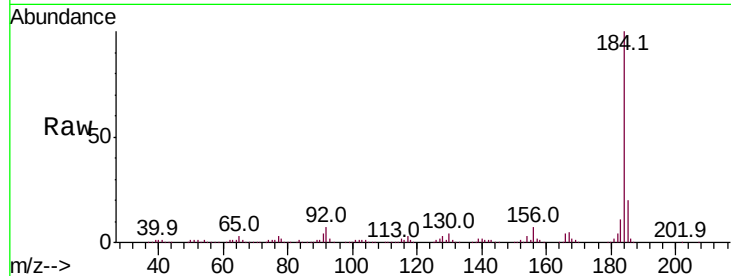
Tot Ion:184 Resp: 719583

Ion Ratio Lower Upper

184 100

185 20.2 13.0 19.6#

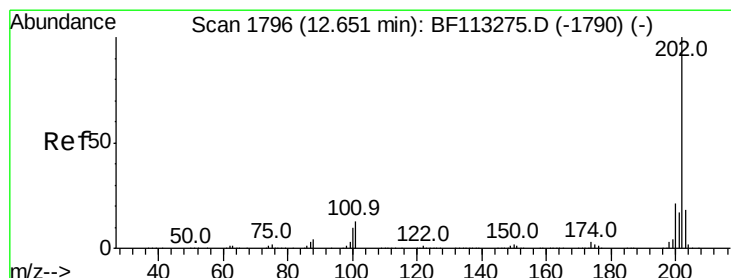
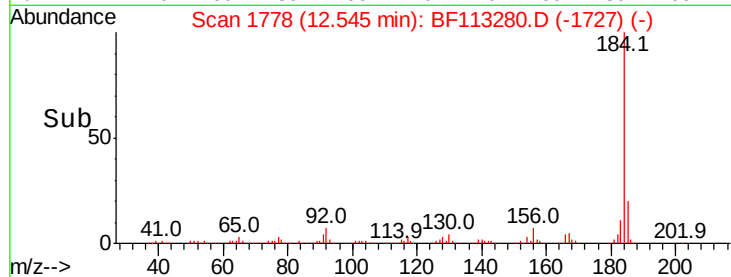
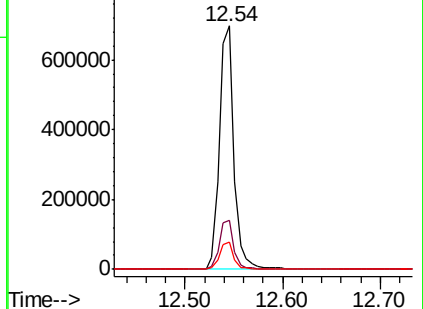
183 11.0 9.0 13.4



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: 40.452 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

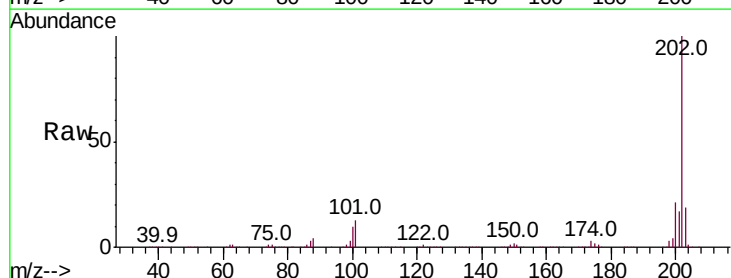
Tgt Ion:202 Resp: 1426671

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

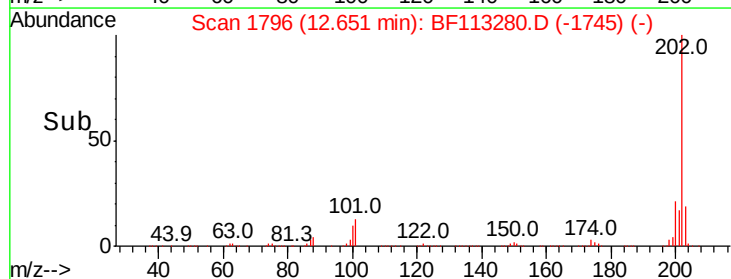
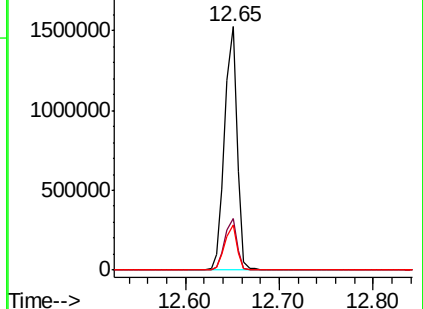
203 18.5 14.4 21.6

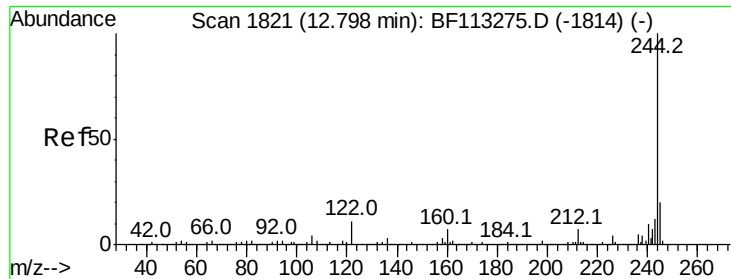


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.645 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032519

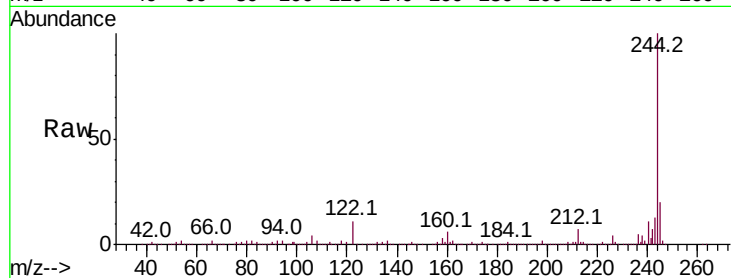
Tot Ion:244 Resp: 1815939

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

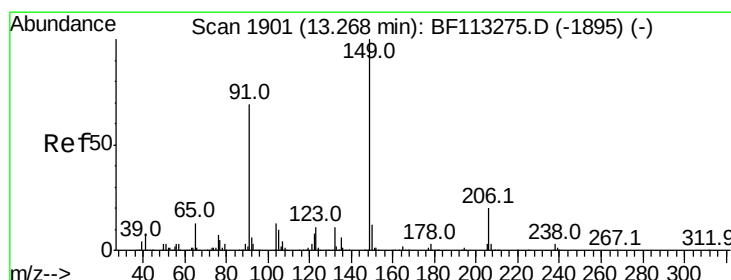
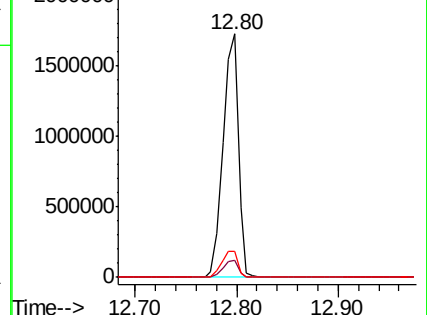
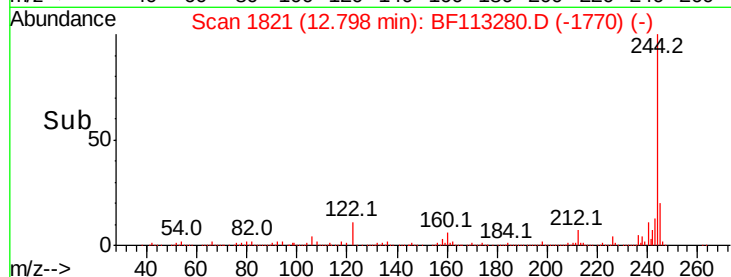
122 10.5 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.432 ng

RT: 13.27 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

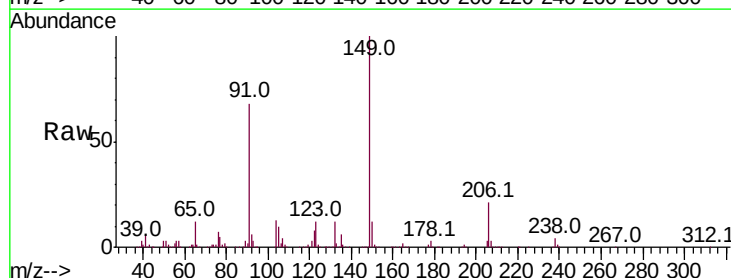
Tgt Ion:149 Resp: 612896

Ion Ratio Lower Upper

149 100

91 68.0 55.2 82.8

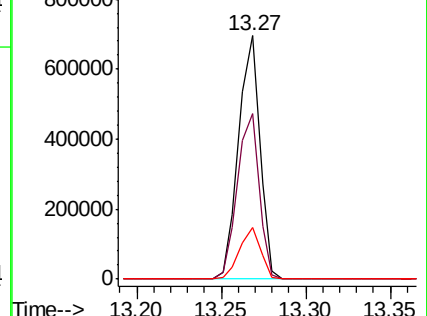
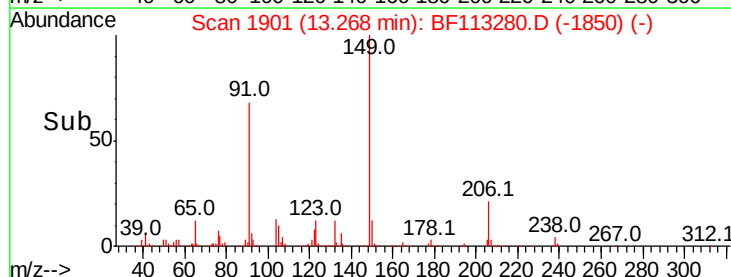
206 21.4 16.1 24.1

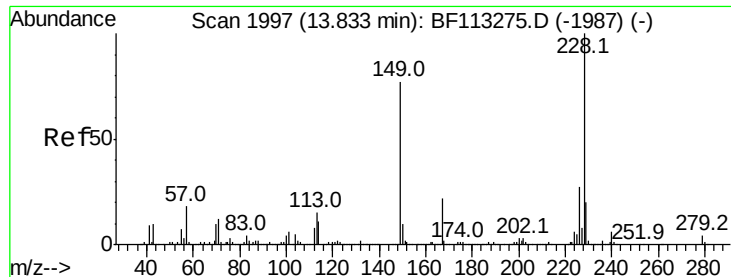


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.259 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032519

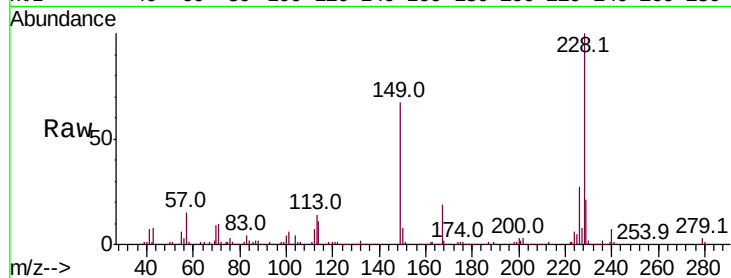
Tot Ion:228 Resp: 1172874

Ion Ratio Lower Upper

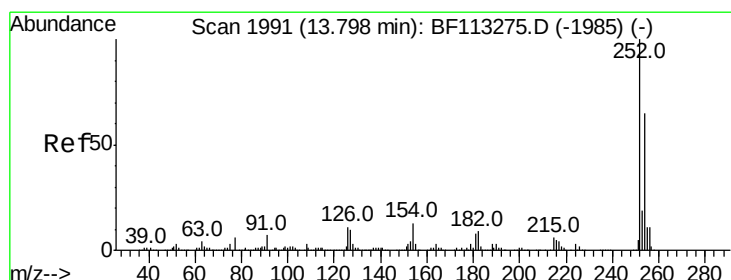
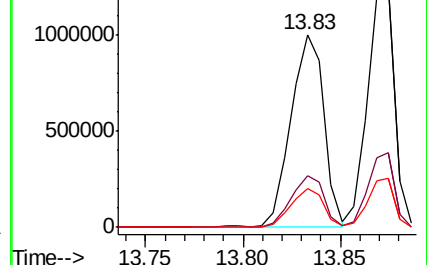
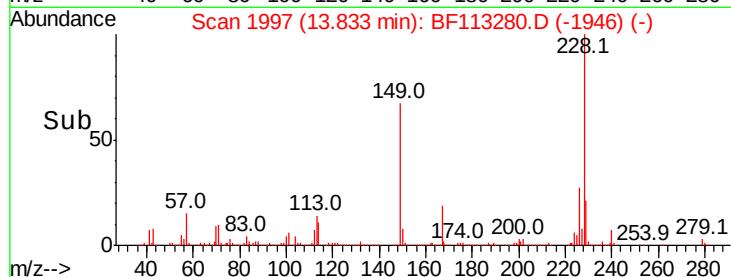
228 100

226 26.9 21.8 32.8

229 20.5 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: 39.843 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

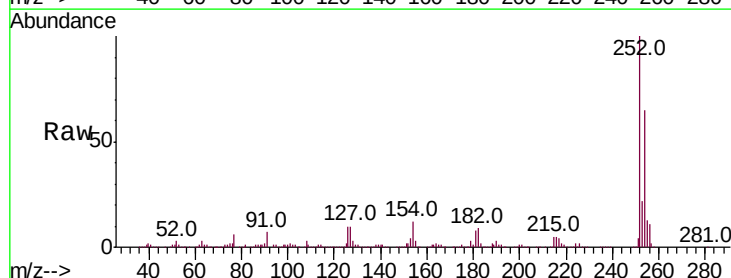
Tgt Ion:252 Resp: 465658

Ion Ratio Lower Upper

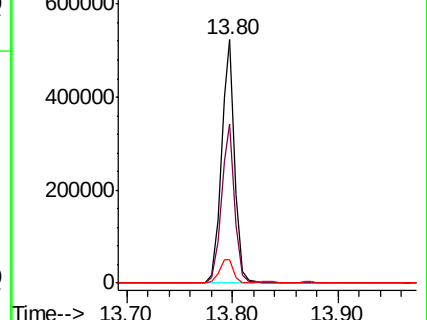
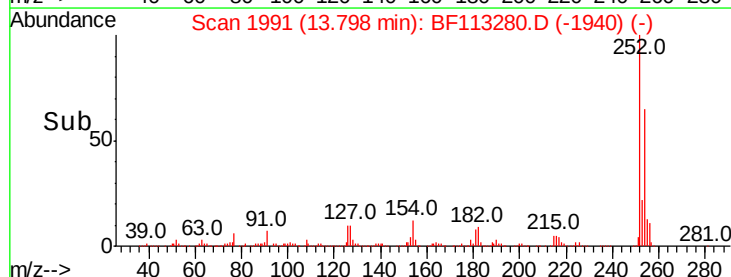
252 100

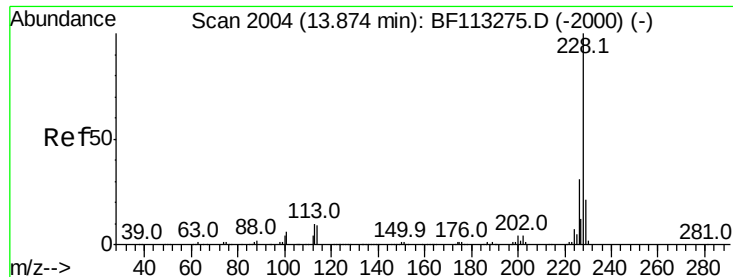
254 65.5 52.2 78.2

126 9.9 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: 40.639 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032519

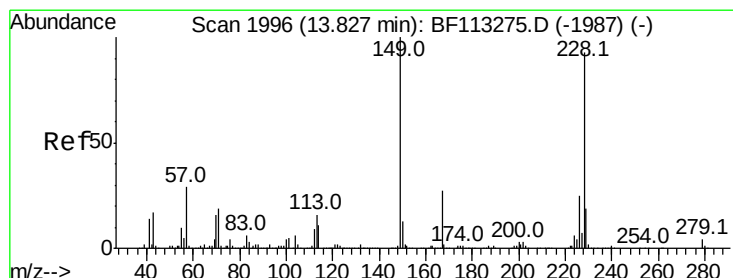
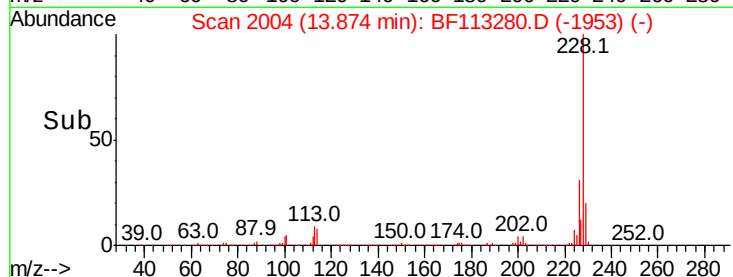
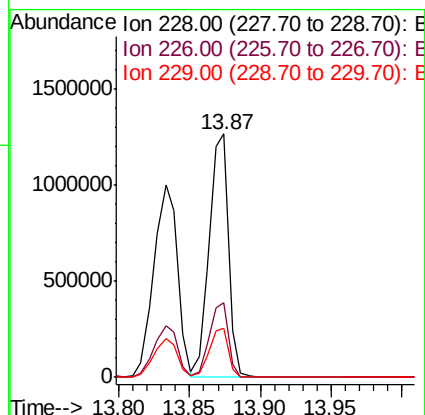
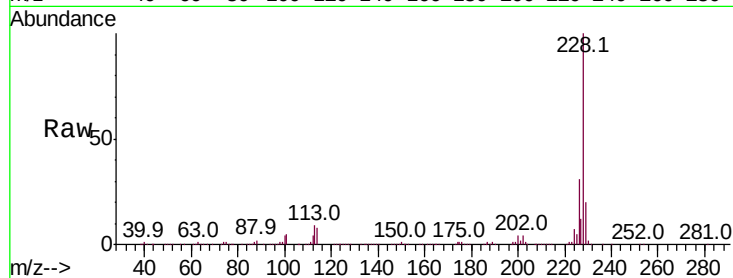
Tot Ion:228 Resp: 1202551

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	19.9	16.3	24.5

228 100

226 30.5 24.3 36.5

229 19.9 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.405 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

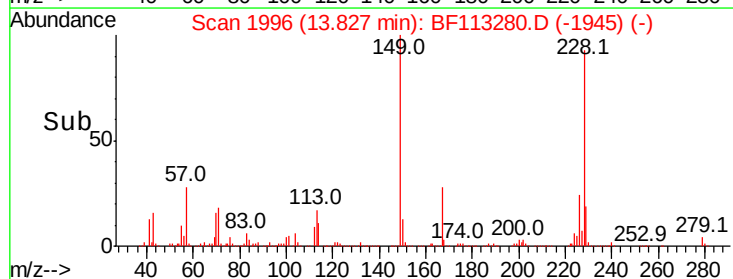
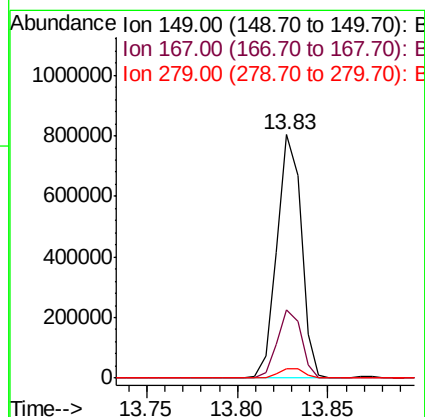
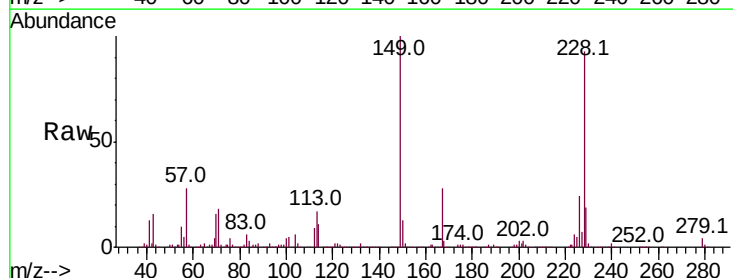
Tgt Ion:149 Resp: 750834

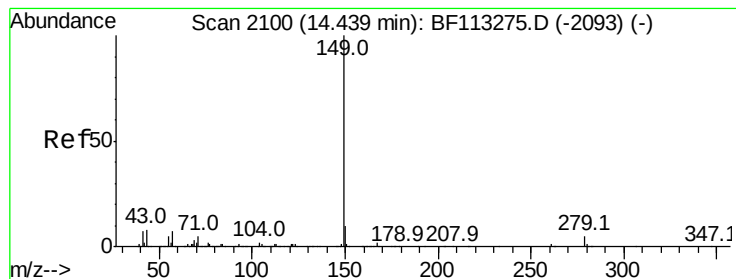
Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.8	32.8
279	3.9	2.9	4.3

149 100

167 28.1 21.8 32.8

279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 42.418 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032519

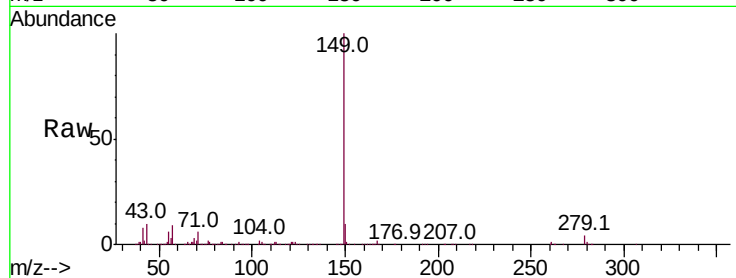
Tot Ion:149 Resp: 1371938

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

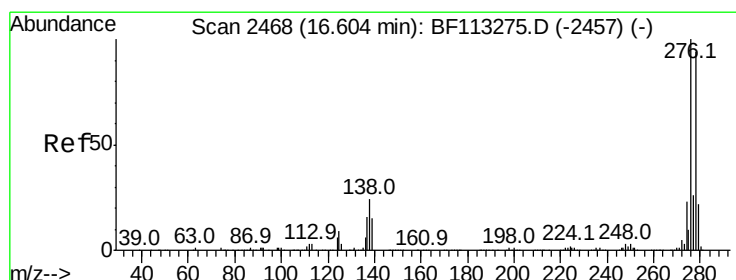
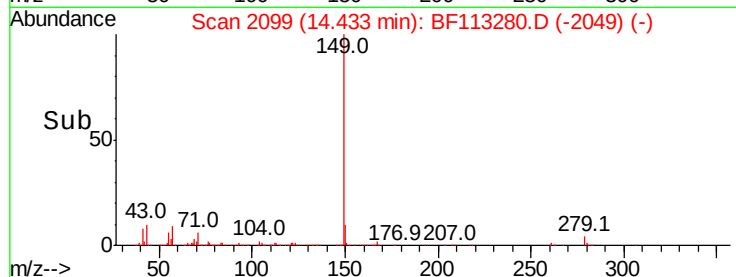
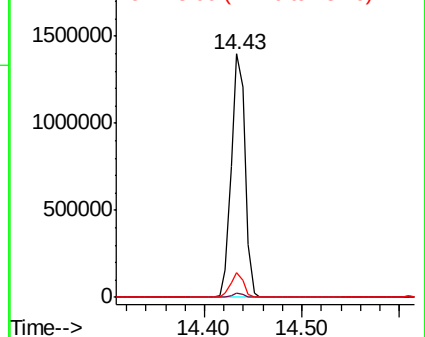
43 9.5 7.7 11.5



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: 40.739 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

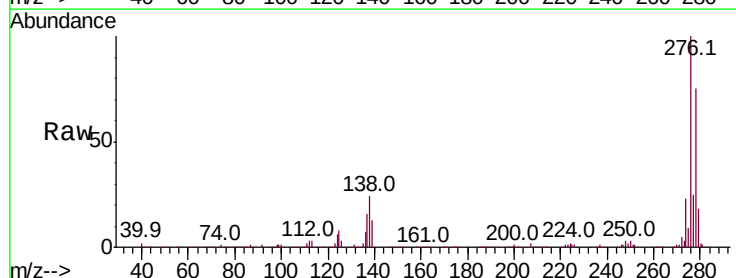
Tgt Ion:276 Resp: 1034602

Ion Ratio Lower Upper

276 100

138 23.8 18.1 27.1

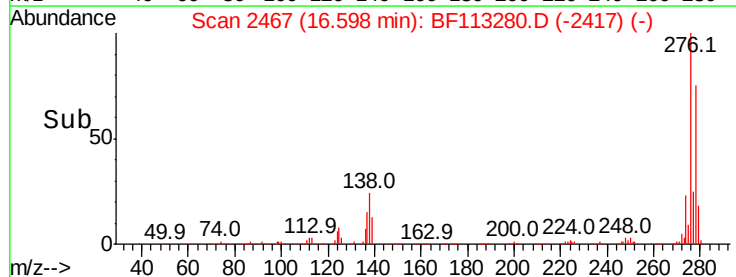
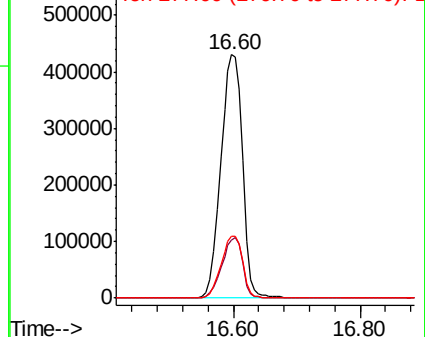
277 25.2 20.2 30.4

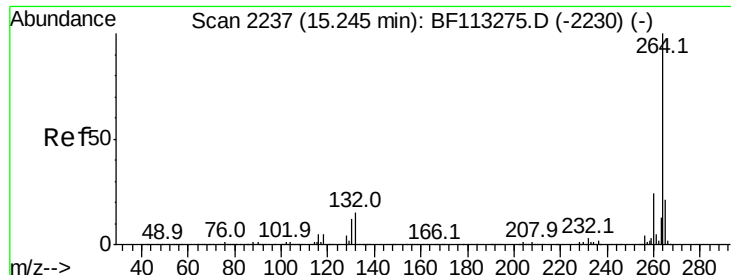


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

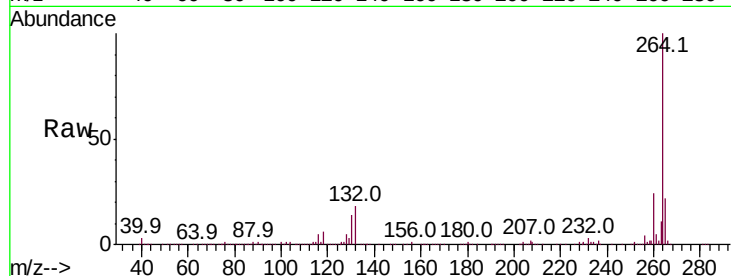




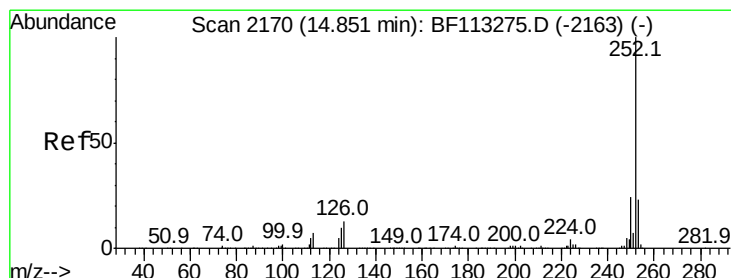
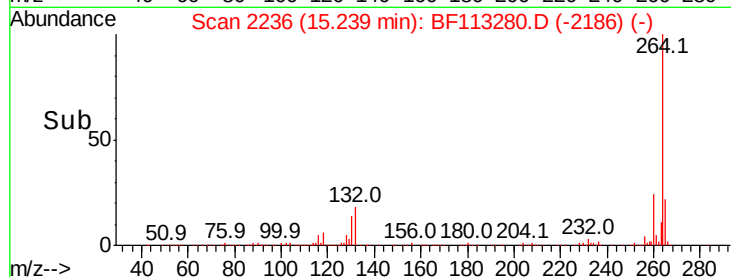
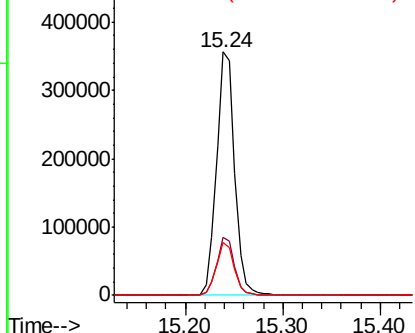
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

Instrument :
BNA_F
ClientSampleId :
ICVBF032519

Tot Ion:264 Resp: 458308
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.7 17.1 25.7

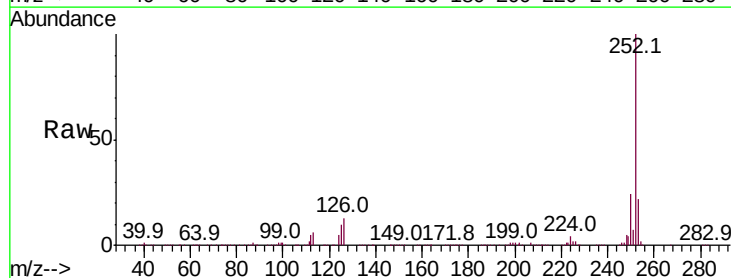


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

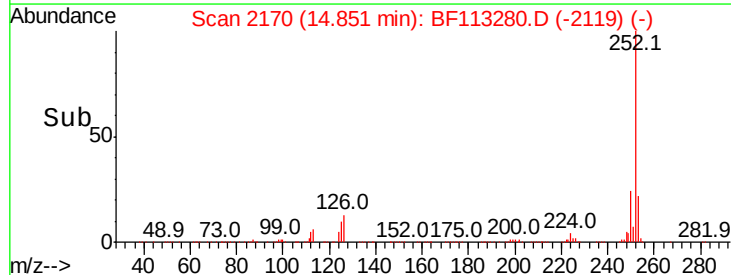
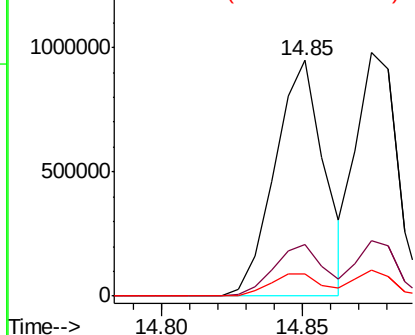


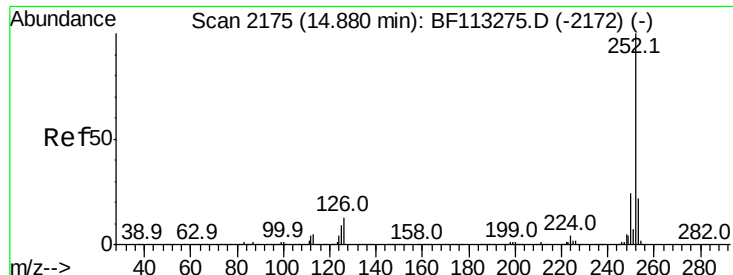
#88
Benzo(b)fluoranthene
Concen: 40.508 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

Tgt Ion:252 Resp: 1153267
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 9.6 7.6 11.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

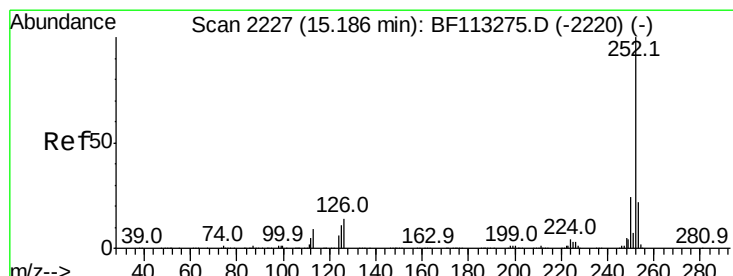
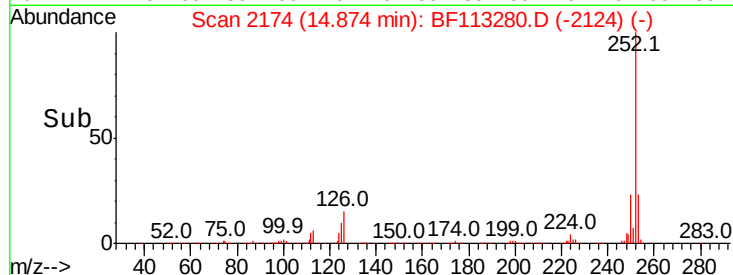
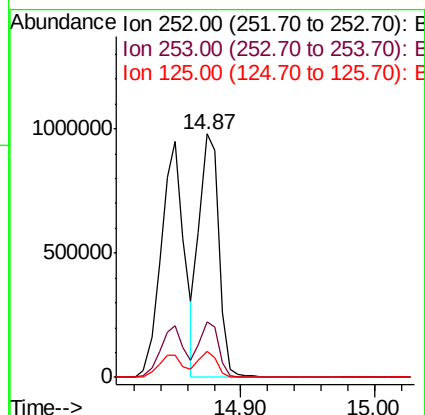
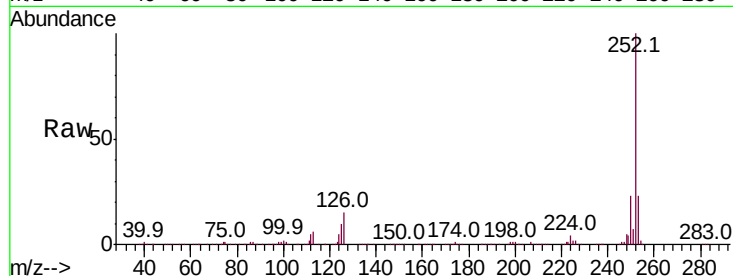




#89
Benzo(k)fluoranthene
Concen: 39.606 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

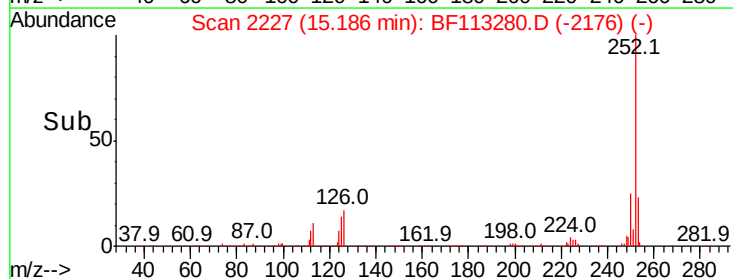
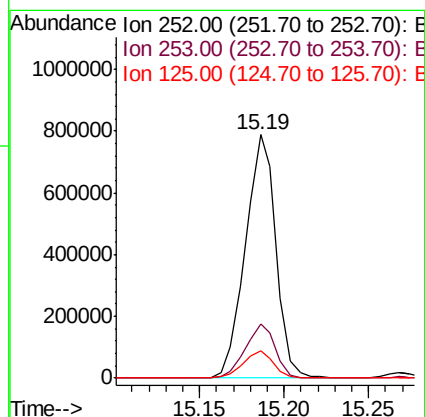
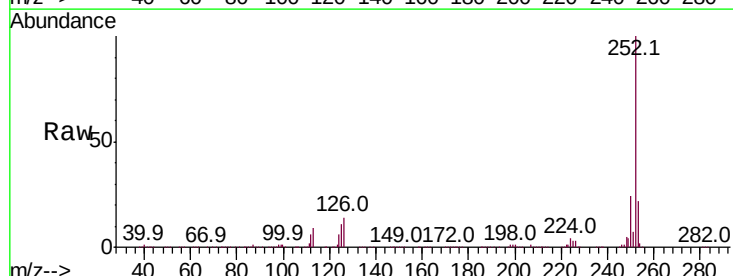
Instrument :
BNA_F
ClientSampleId :
ICVBF032519

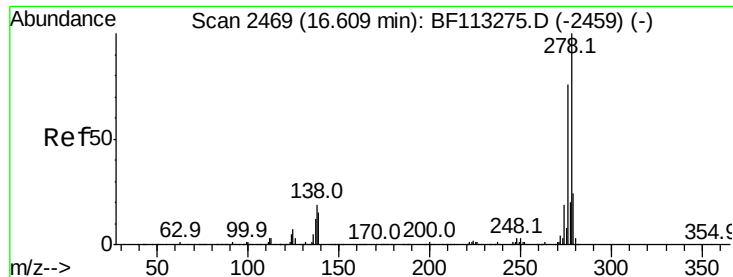
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	10.4	7.3	10.9



#90
Benzo(a)pyrene
Concen: 39.296 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BF113280.D
Acq: 25 Mar 2019 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	11.4	8.8	13.2





#91

Dibenzo(a,h)anthracene

Concen: 38.944 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF032519

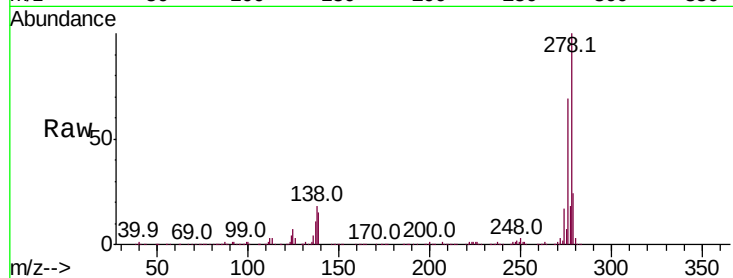
Tot Ion:278 Resp: 849899

Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.0	18.0
279	23.5	19.0	28.6

278 100

139 15.0 12.0 18.0

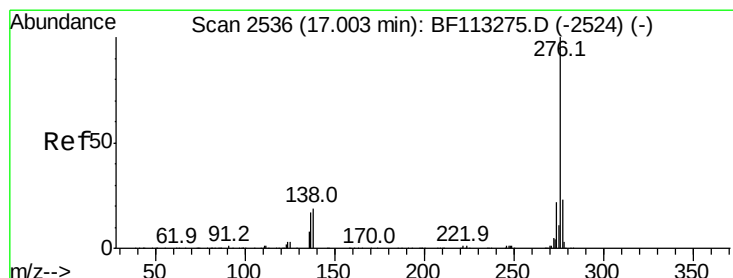
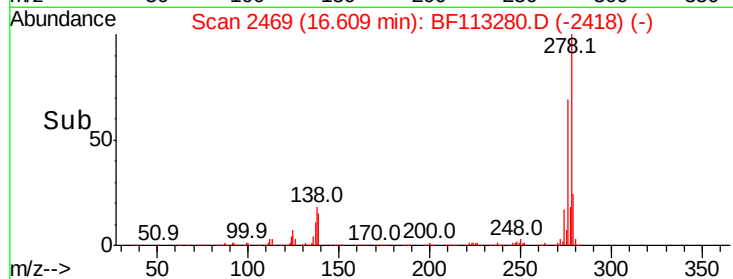
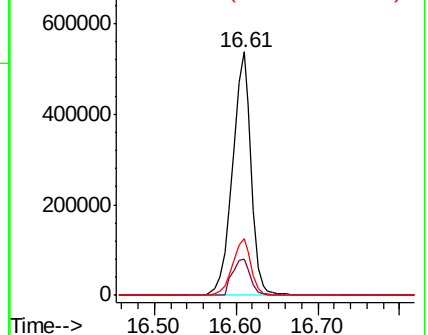
279 23.5 19.0 28.6



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: 39.069 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.00 min

Lab File: BF113280.D

Acq: 25 Mar 2019 15:39

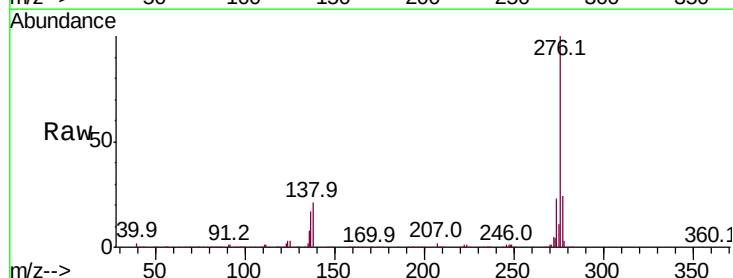
Tgt Ion:276 Resp: 859696

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	20.8	15.6	23.4

276 100

277 24.2 18.8 28.2

138 20.8 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

