

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
 Data File : BF113326.D
 Acq On : 27 Mar 2019 13:00
 Operator : JU/SJ
 Sample : K1933-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Quant Time: Mar 28 01:04:39 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	179185	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	672493	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	330226	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	661614	20.00	ng	0.00
76) Chrysene-d12	13.84	240	409322	20.00	ng	0.00
87) Perylene-d12	15.24	264	408699	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1406278	128.33	ng	0.01
7) Phenol-d6	6.36	99	1830680	132.05	ng	0.00
23) Nitrobenzene-d5	7.27	82	1137482	100.39	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	512293	125.59	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1832422	87.49	ng	0.00
79) Terphenyl-d14	12.79	244	1829525	98.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	208702	37.536	ng	97
3) Pyridine	3.12	79	543774	39.672	ng	96
4) n-Nitrosodimethylamine	3.05	42	248327	40.754	ng	95
6) Aniline	6.37	93	235297	13.938	ng	# 19
8) 2-Chlorophenol	6.50	128	523732	41.156	ng	95
9) Benzaldehyde	6.25	77	178324	19.169	ng	98
10) Phenol	6.37	94	645504	40.786	ng	# 72
11) bis(2-Chloroethyl)ether	6.45	93	505456	41.664	ng	99
12) 1,3-Dichlorobenzene	6.65	146	545126	39.740	ng	99
13) 1,4-Dichlorobenzene	6.72	146	554987	41.903	ng	99
14) 1,2-Dichlorobenzene	6.87	146	513134	39.381	ng	98
15) Benzyl Alcohol	6.86	79	414270	45.297	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	781585	42.885	ng	94
17) 2-Methylphenol	6.97	107	441239	44.244	ng	99
18) Hexachloroethane	7.22	117	200131	42.070	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	355819	40.861	ng	100
20) 3+4-Methylphenols	7.13	107	544600	48.049	ng	99
22) Acetophenone	7.12	105	722569	47.114	ng	97
24) Nitrobenzene	7.29	77	556175	47.041	ng	99
25) Isophorone	7.53	82	1031637	46.983	ng	100
26) 2-Nitrophenol	7.60	139	295921	47.351	ng	97
27) 2,4-Dimethylphenol	7.65	122	483535	53.787	ng	100
28) bis(2-Chloroethoxy)methane	7.74	93	657683	47.564	ng	99
29) 2,4-Dichlorophenol	7.85	162	469032	48.145	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	480335	45.700	ng	98
31) Naphthalene	8.01	128	1489481	45.324	ng	100
32) Benzoic acid	7.65	122	483535	66.820	ng	# 15
33) 4-Chloroaniline	8.06	127	148225	11.567	ng	99
34) Hexachlorobutadiene	8.13	225	277466	44.416	ng	99
35) Caprolactam	8.43	113	95170	30.438	ng	99
36) 4-Chloro-3-methylphenol	8.56	107	484526	49.448	ng	97
37) 2-Methylnaphthalene	8.70	142	1008072	49.161	ng	99
38) 1-Methylnaphthalene	8.80	142	950698	48.201	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	462593	43.640	ng	99

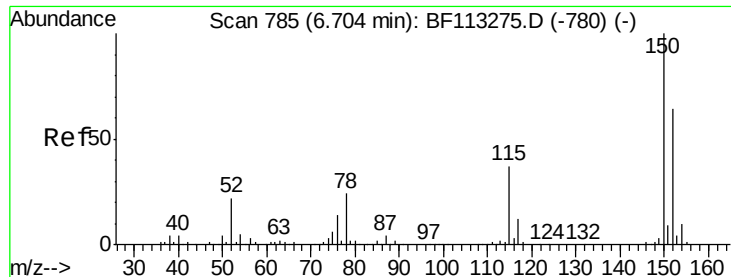
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
 Data File : BF113326.D
 Acq On : 27 Mar 2019 13:00
 Operator : JU/SJ
 Sample : K1933-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Quant Time: Mar 28 01:04:39 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)
41) Hexachlorocyclopentadiene	8.86	237	381275	84.977	ng	99
43) 2,4,6-Trichlorophenol	8.99	196	323682	46.891	ng	100
44) 2,4,5-Trichlorophenol	9.03	196	347544	45.494	ng	99
46) 1,1'-Biphenyl	9.16	154	1218655	44.186	ng	99
47) 2-Chloronaphthalene	9.19	162	936818	44.116	ng	99
48) 2-Nitroaniline	9.29	65	315216	47.301	ng	100
49) Acenaphthylene	9.60	152	1518868	44.236	ng	99
50) Dimethylphthalate	9.47	163	1259821	51.479	ng	99
51) 2,6-Dinitrotoluene	9.53	165	258696	46.858	ng	99
52) Acenaphthene	9.77	154	863512	44.658	ng	100
53) 3-Nitroaniline	9.69	138	146673	23.558	ng	94
54) 2,4-Dinitrophenol	9.81	184	48294	17.588	ng	89
55) Dibenzofuran	9.95	168	1292471	44.462	ng	98
56) 4-Nitrophenol	9.87	139	339853	76.565	ng	96
57) 2,4-Dinitrotoluene	9.93	165	323540	46.082	ng	99
58) Fluorene	10.29	166	982904	43.526	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	266555	41.262	ng	97
60) Diethylphthalate	10.16	149	1110984	46.277	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	489155	44.444	ng	96
62) 4-Nitroaniline	10.31	138	281193	43.866	ng	99
63) Azobenzene	10.43	77	1022685	45.254	ng	97
65) 4,6-Dinitro-2-methylphenol	10.35	198	81795	22.599	ng	99
66) n-Nitrosodiphenylamine	10.40	169	927693	45.695	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	327397	45.402	ng	98
68) Hexachlorobenzene	10.83	284	382644	45.715	ng	# 93
69) Atrazine	10.93	200	302485	47.204	ng	97
70) Pentachlorophenol	11.03	266	245989	56.408	ng	99
71) Phenanthrene	11.24	178	1453209	44.230	ng	99
72) Anthracene	11.29	178	1522641	45.625	ng	99
73) Carbazole	11.44	167	1441297	45.260	ng	99
74) Di-n-butylphthalate	11.78	149	1686091	45.658	ng	100
75) Fluoranthene	12.42	202	1549850	41.727	ng	99
77) Benzidine	12.54	184	191640	12.226	ng	96
78) Pyrene	12.65	202	1528003	53.870	ng	100
80) Butylbenzylphthalate	13.27	149	657332	52.584	ng	95
81) Benzo(a)anthracene	13.83	228	1048741	44.760	ng	100
82) 3,3'-Dichlorobenzidine	13.79	252	209264	22.263	ng	96
83) Chrysene	13.87	228	1087521	45.697	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	767677	50.095	ng	98
85) Di-n-octyl phthalate	14.43	149	1242094	47.750	ng	99
86) Indeno(1,2,3-cd)pyrene	16.60	276	1291147	63.215	ng	99
88) Benzo(b)fluoranthene	14.84	252	1126860	44.385	ng	99
89) Benzo(k)fluoranthene	14.87	252	925953	41.531	ng	99
90) Benzo(a)pyrene	15.19	252	1027002	45.629	ng	99
91) Dibenzo(a,h)anthracene	16.61	278	1068228	54.889	ng	99
92) Benzo(g,h,i)perylene	17.00	276	1118867	57.019	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

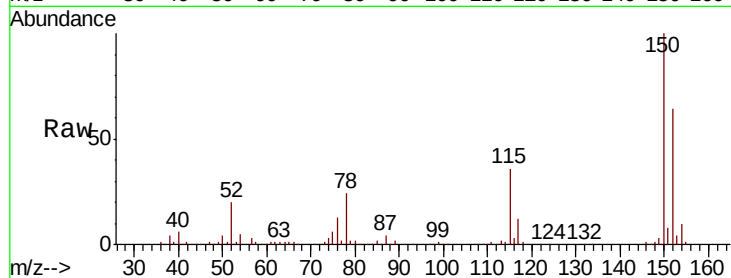
Tgt Ion:152 Resp: 179185

Ion Ratio Lower Upper

152 100

150 155.1 124.7 187.1

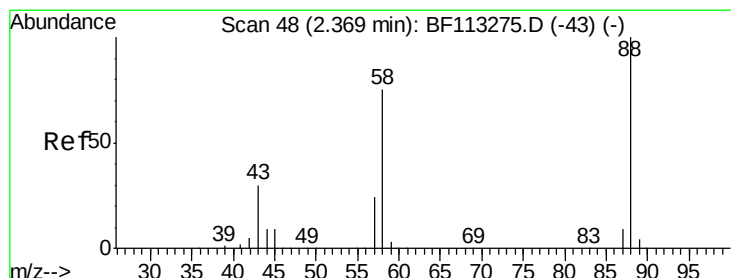
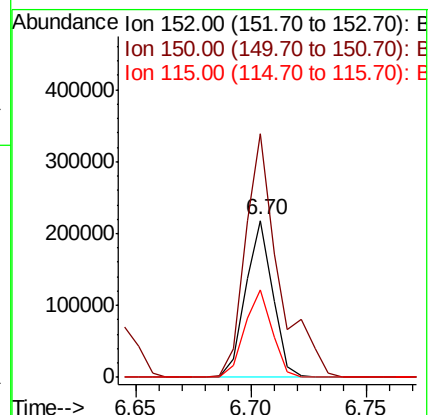
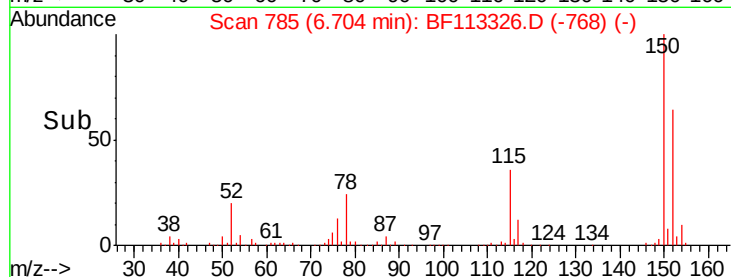
115 56.0 46.0 69.0



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: 37.536 ng

RT: 2.40 min Scan# 54

Delta R.T. 0.04 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

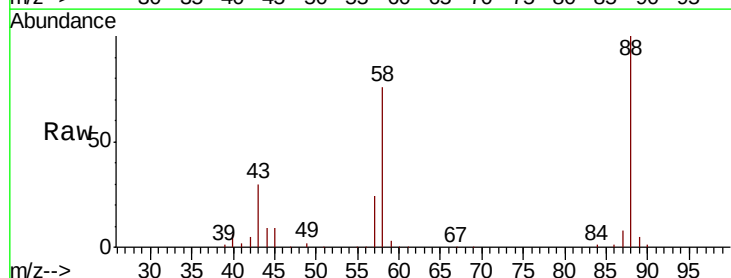
Tgt Ion: 88 Resp: 208702

Ion Ratio Lower Upper

88 100

58 75.4 61.9 92.9

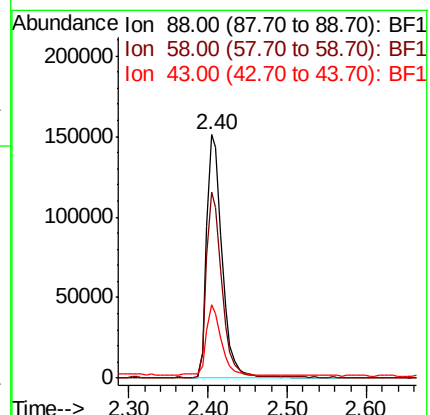
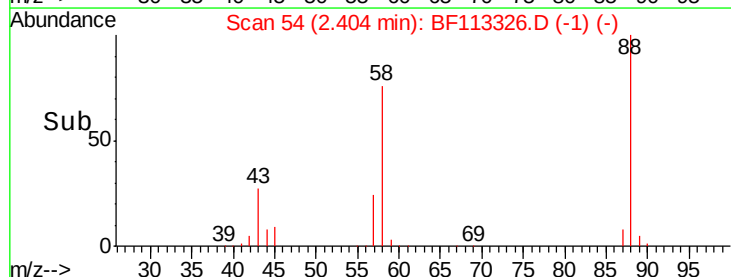
43 28.0 24.2 36.4

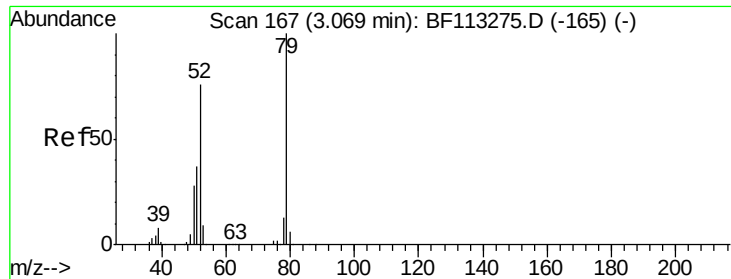


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 39.672 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.05 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

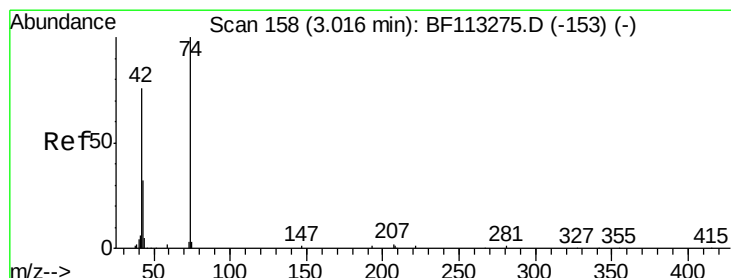
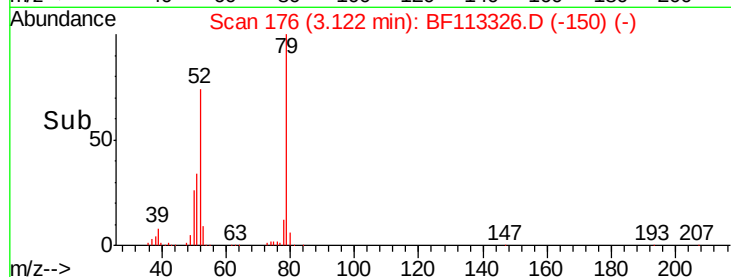
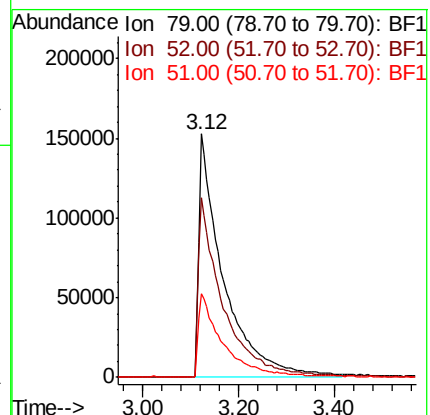
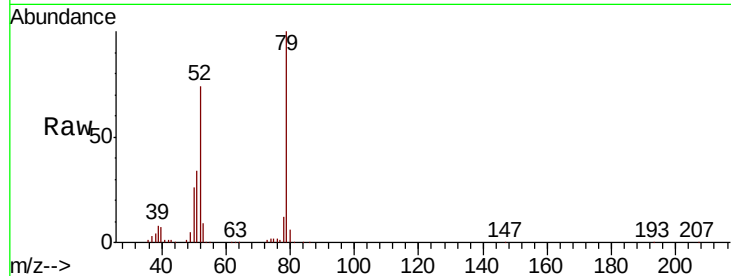
Tgt Ion: 79 Resp: 543774

Ion Ratio Lower Upper

79 100

52 73.6 61.0 91.4

51 34.4 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 40.754 ng

RT: 3.05 min Scan# 164

Delta R.T. 0.04 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

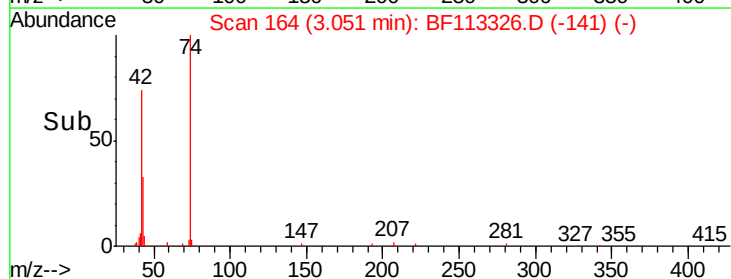
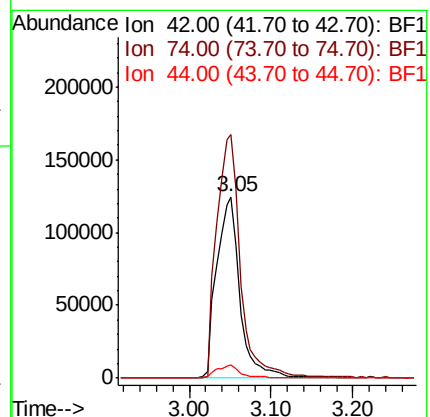
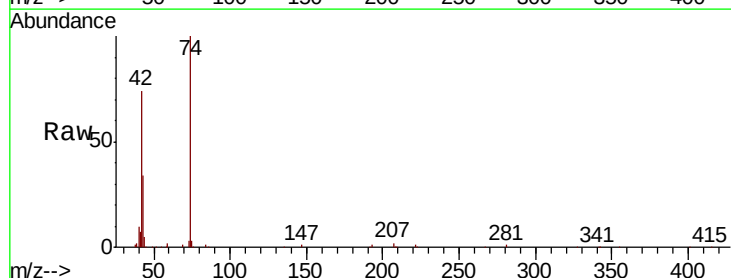
Tgt Ion: 42 Resp: 248327

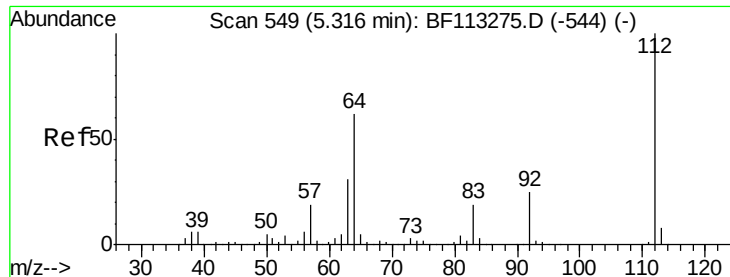
Ion Ratio Lower Upper

42 100

74 134.4 102.4 153.6

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 128.327 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

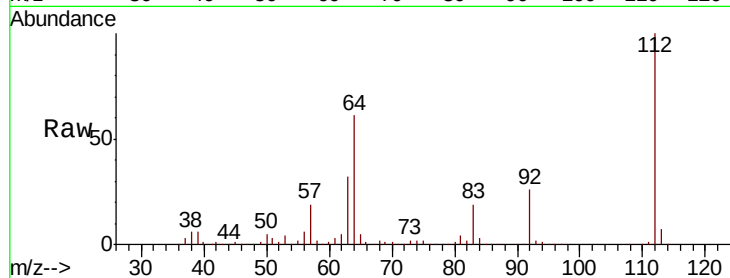
Tgt Ion:112 Resp: 1406278

Ion Ratio Lower Upper

112 100

64 61.0 49.2 73.8

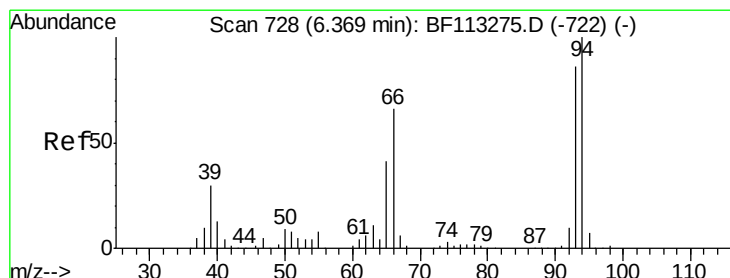
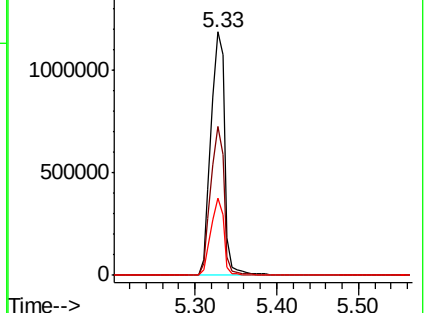
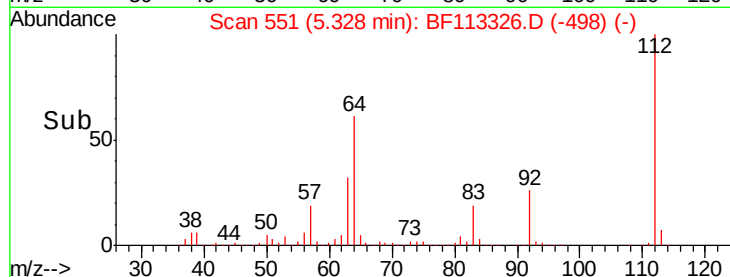
63 31.8 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.938 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

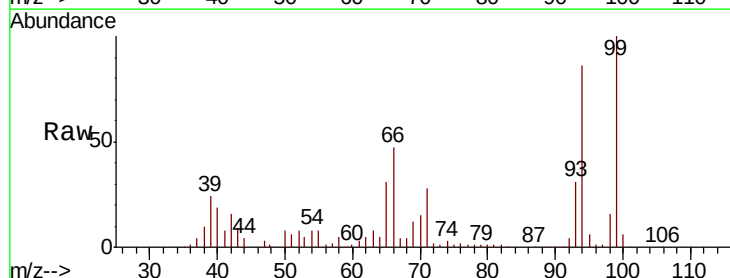
Tgt Ion: 93 Resp: 235297

Ion Ratio Lower Upper

93 100

66 151.2 62.1 93.1#

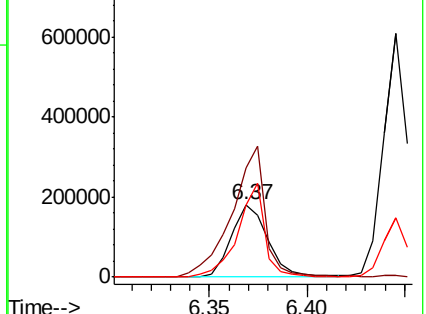
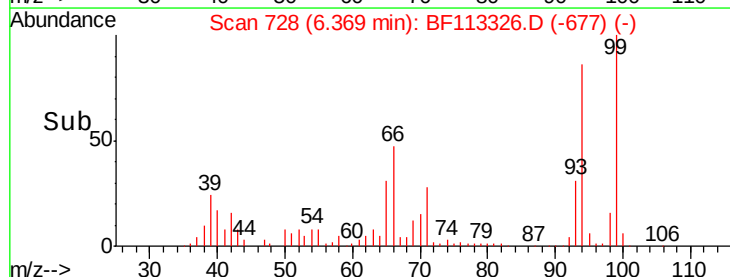
65 99.5 38.7 58.1#

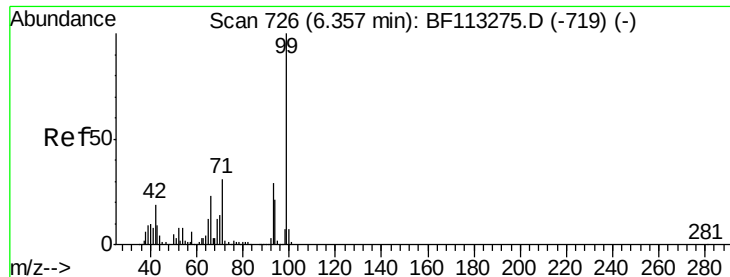


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 132.054 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

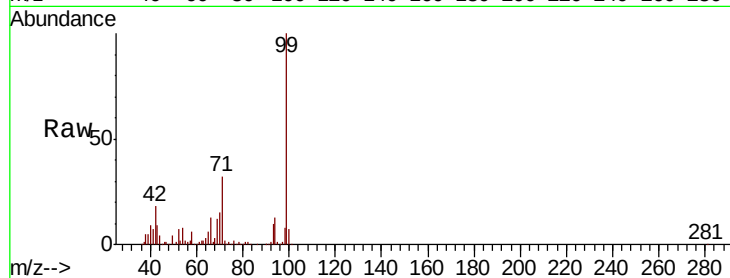
Tgt Ion: 99 Resp: 1830680

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

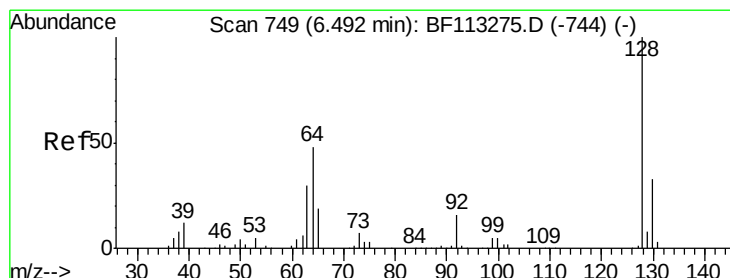
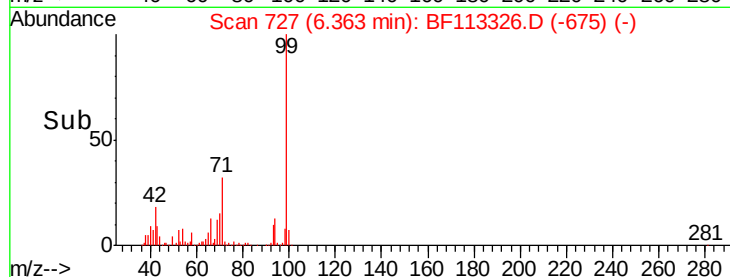
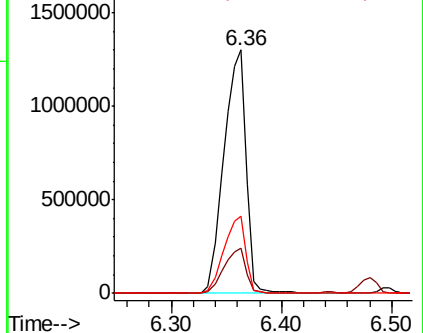
71 31.7 24.9 37.3



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: 41.156 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

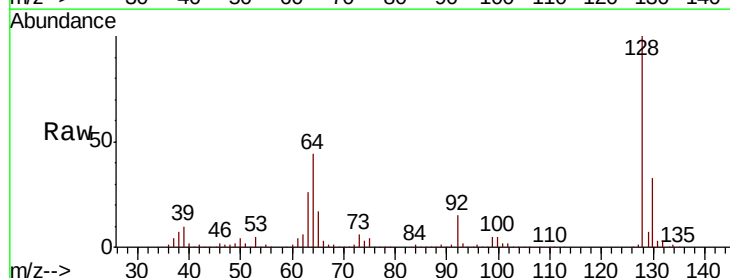
Tgt Ion: 128 Resp: 523732

Ion Ratio Lower Upper

128 100

130 33.3 12.6 52.6

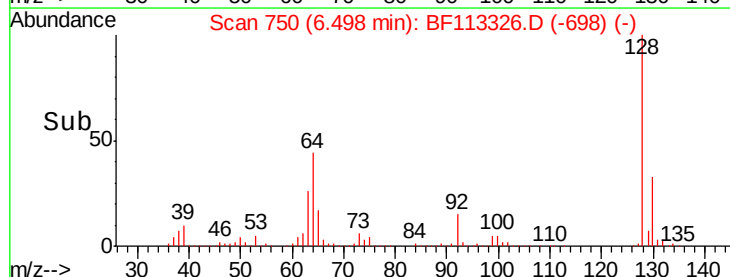
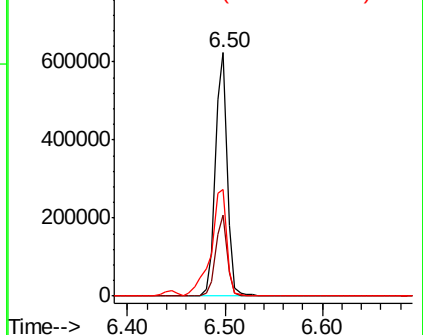
64 44.0 29.4 69.4

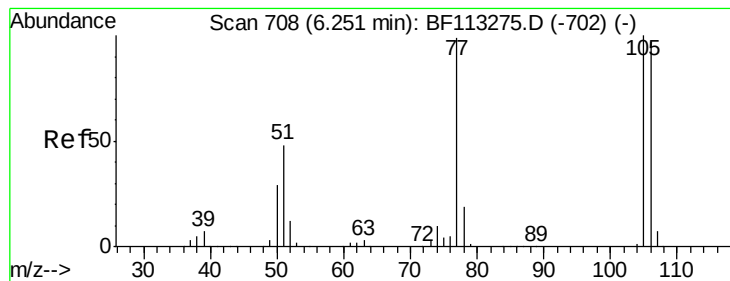


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.169 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

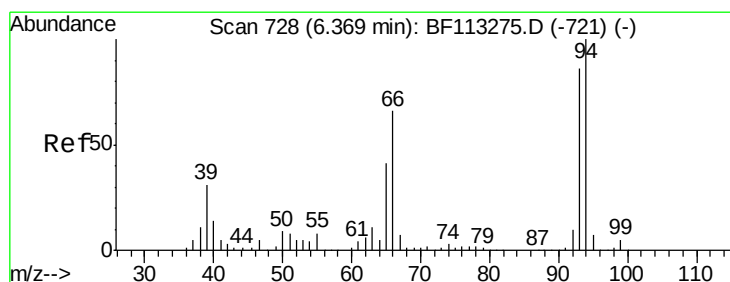
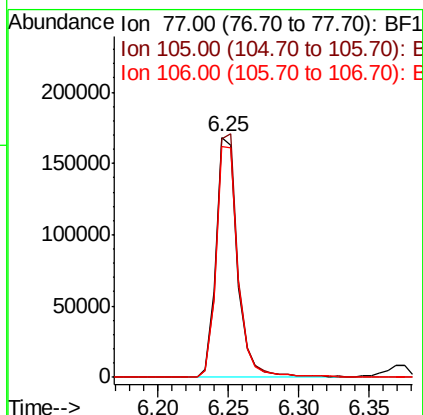
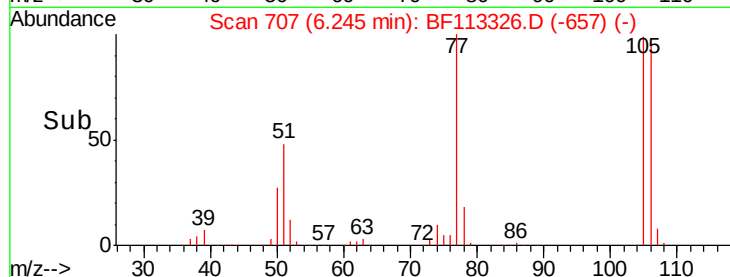
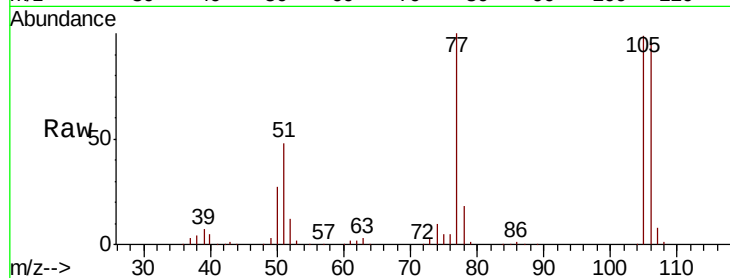
Tgt Ion: 77 Resp: 178324

Ion Ratio Lower Upper

77 100

105 99.4 80.9 120.9

106 96.3 77.8 117.8



#10

Phenol

Concen: 40.786 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

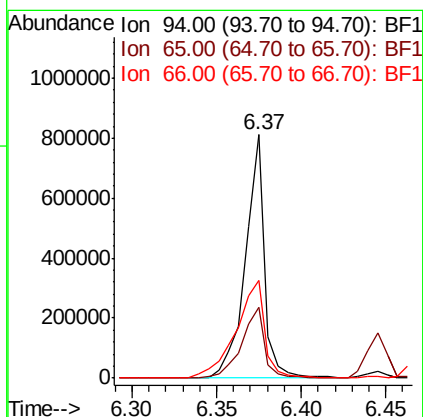
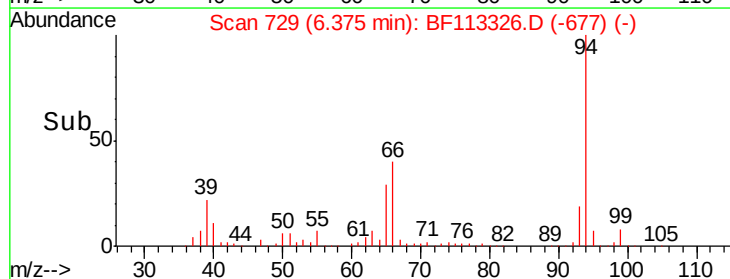
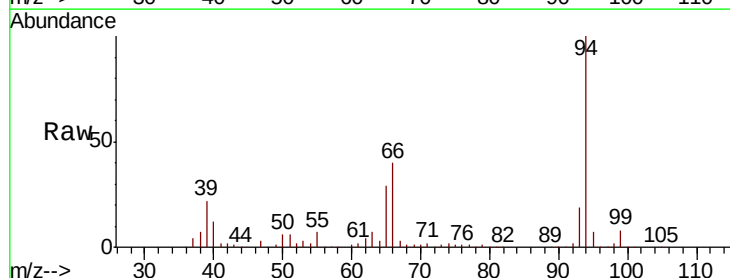
Tgt Ion: 94 Resp: 645504

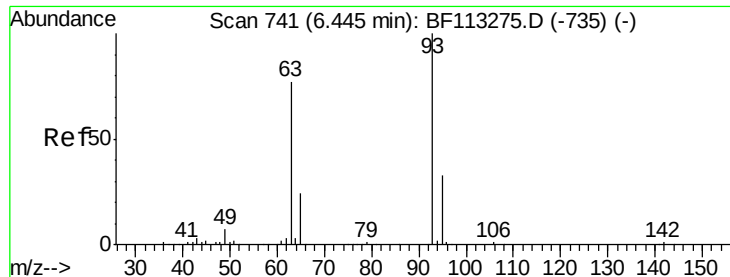
Ion Ratio Lower Upper

94 100

65 28.8 21.4 61.4

66 40.4 46.4 86.4#

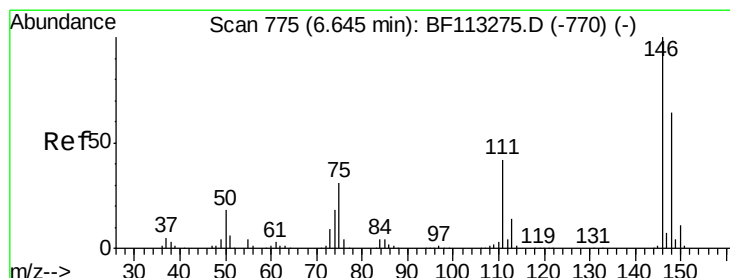
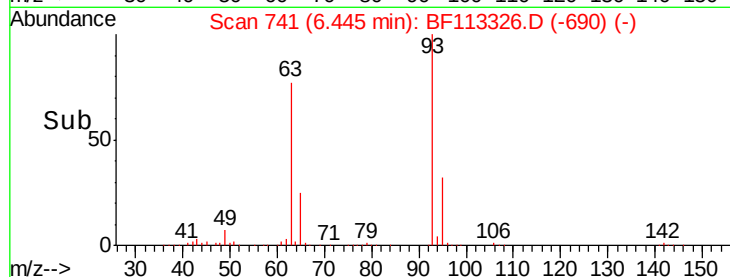
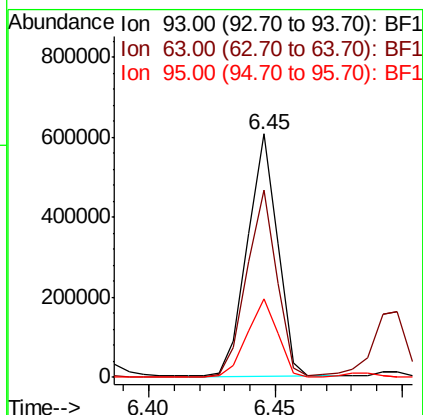
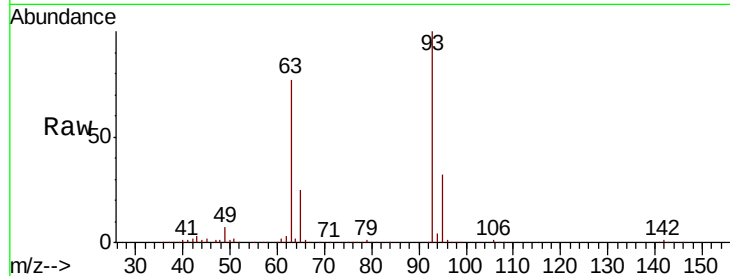




#11
bis(2-Chloroethyl)ether
Concen: 41.664 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

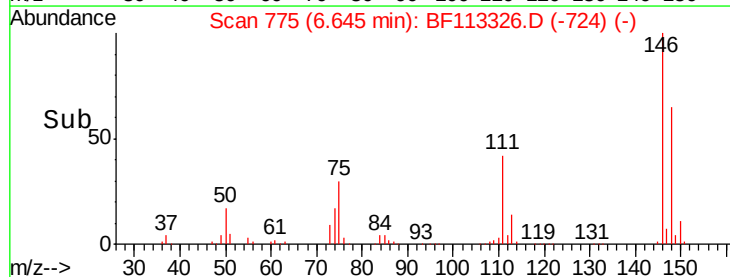
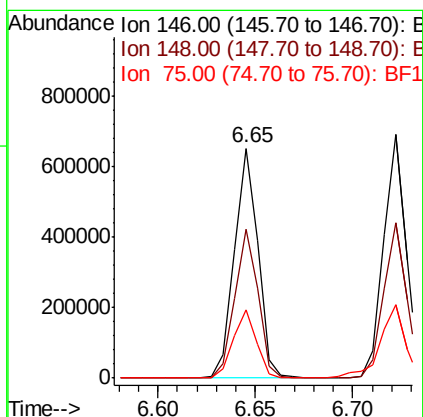
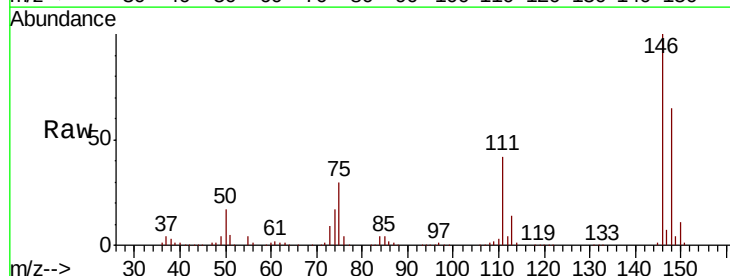
Instrument :
BNA_F
ClientSampleId :
S-1MSD

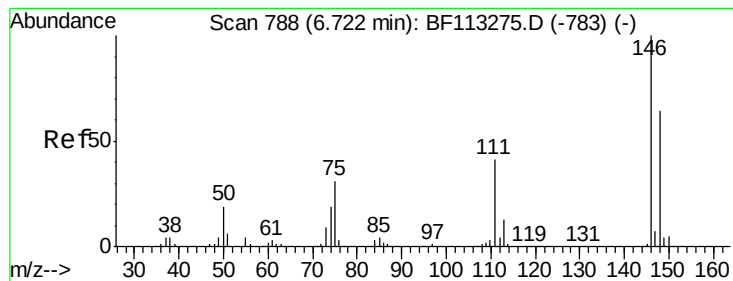
Tgt Ion: 93 Resp: 505456
Ion Ratio Lower Upper
93 100
63 77.2 56.1 96.1
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.740 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion: 146 Resp: 545126
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.0
75 29.7 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 41.903 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

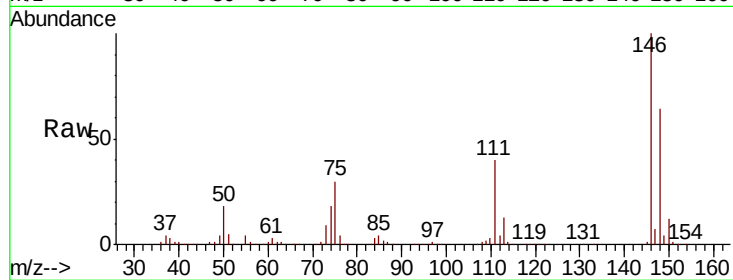
Tgt Ion:146 Resp: 554987

Ion Ratio Lower Upper

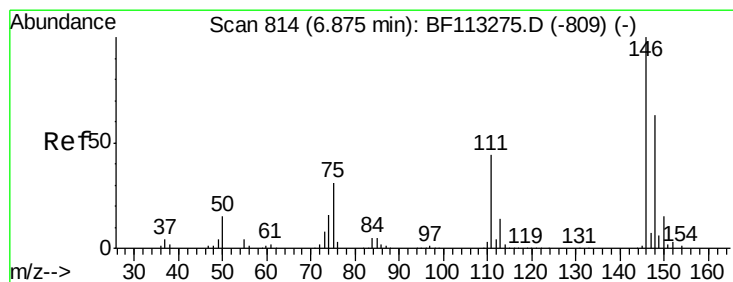
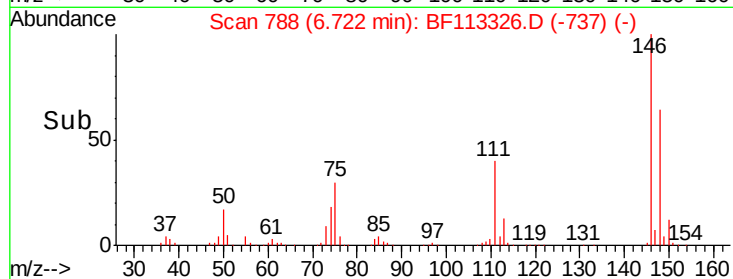
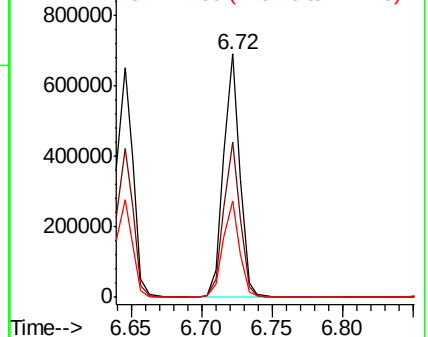
146 100

148 63.9 51.1 76.7

111 39.8 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.381 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

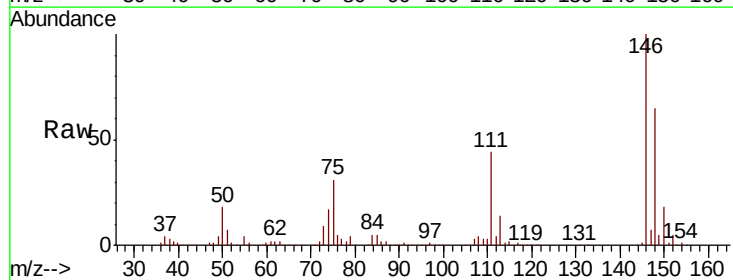
Tgt Ion:146 Resp: 513134

Ion Ratio Lower Upper

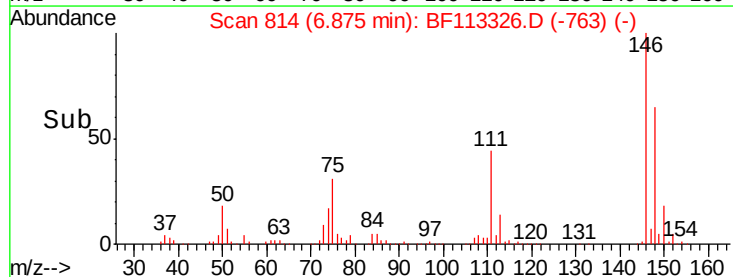
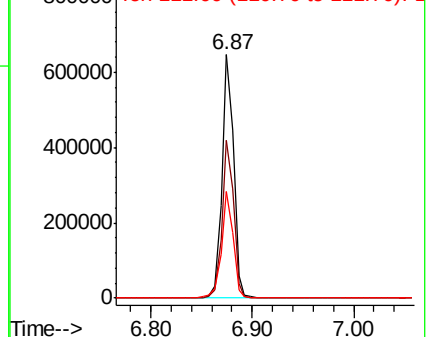
146 100

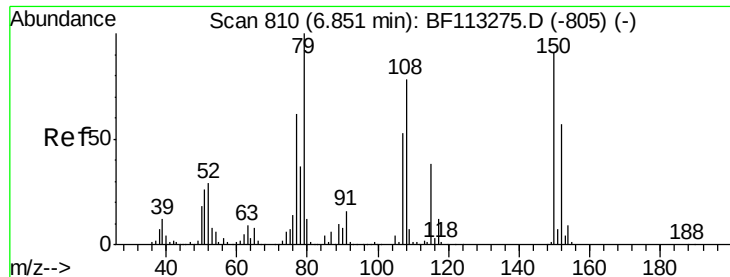
148 64.7 50.2 75.4

111 44.0 35.4 53.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.297 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

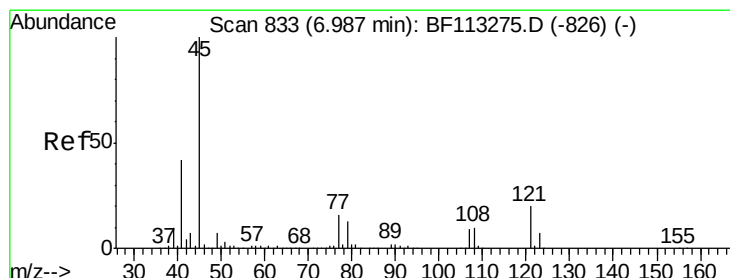
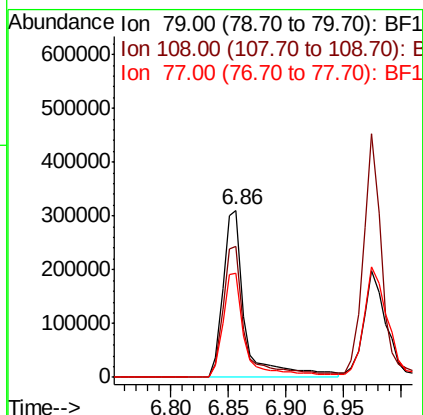
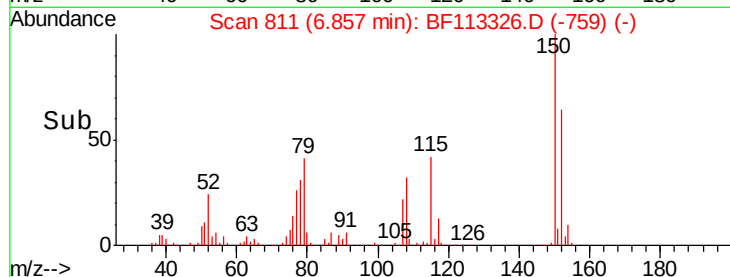
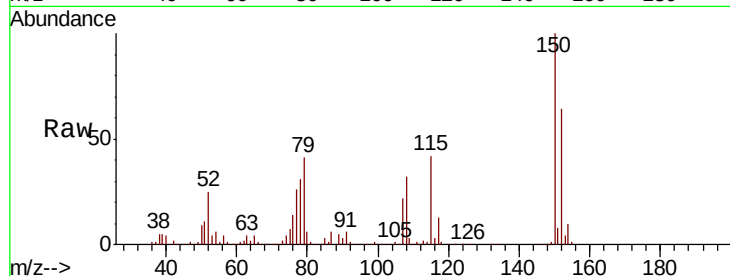
Tgt Ion: 79 Resp: 414270

Ion Ratio Lower Upper

79 100

108 78.6 62.0 93.0

77 62.5 49.9 74.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.885 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

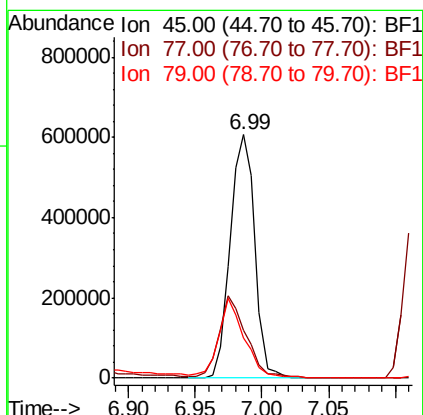
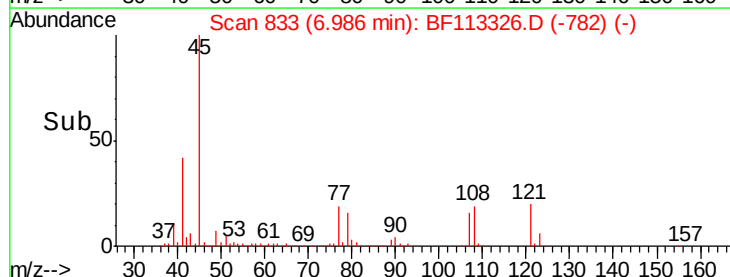
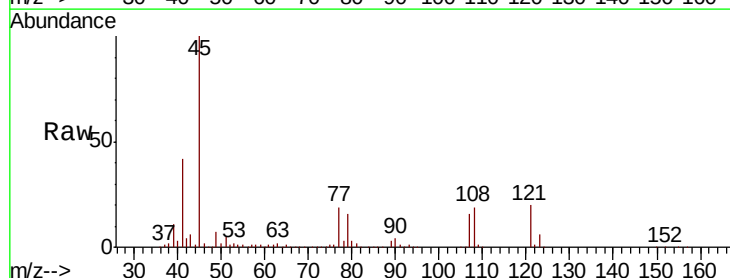
Tgt Ion: 45 Resp: 781585

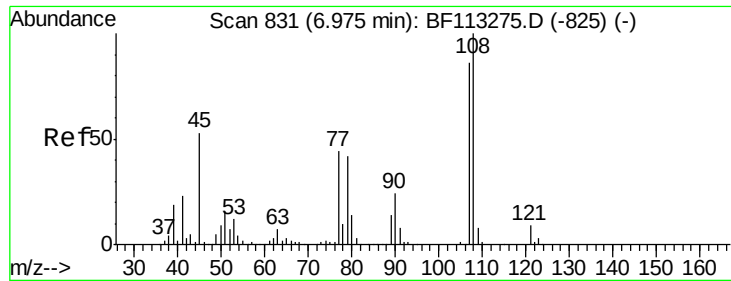
Ion Ratio Lower Upper

45 100

77 19.4 0.0 36.6

79 16.3 0.0 34.0

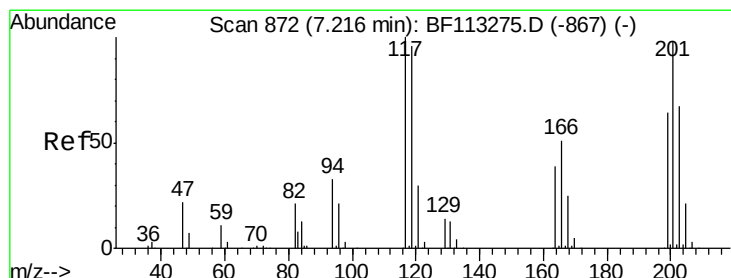
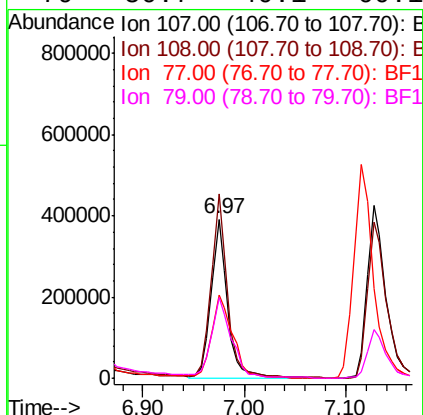
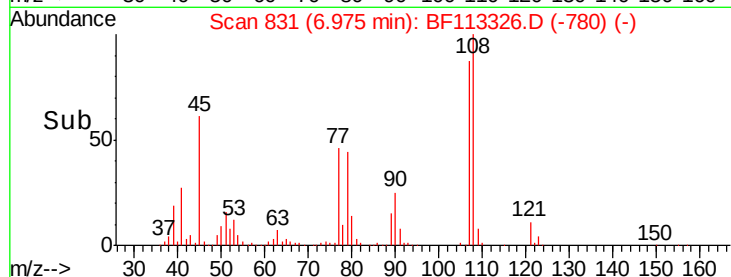
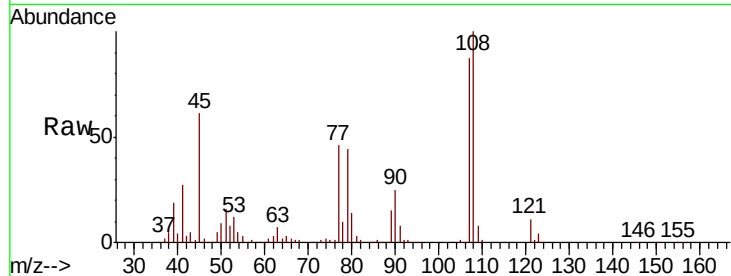




#17
2-Methylphenol
Concen: 44.244 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

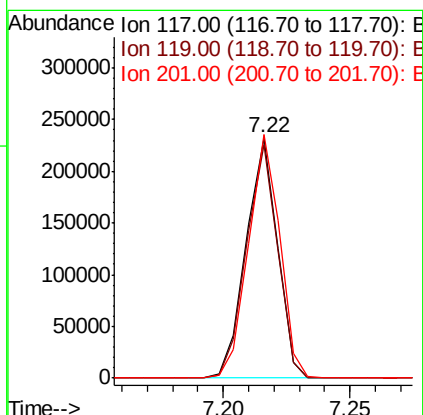
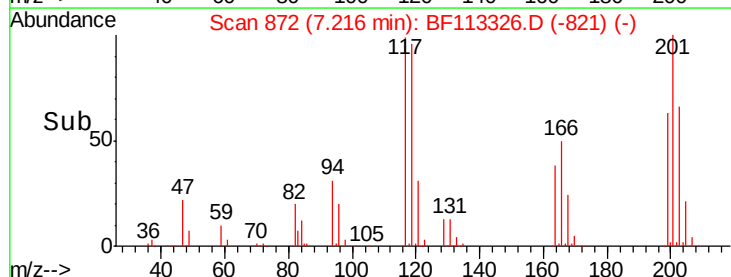
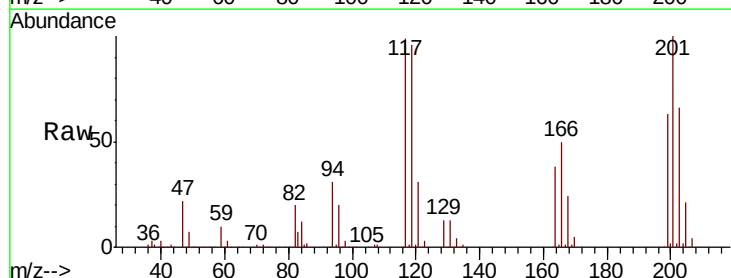
Instrument :
BNA_F
ClientSampleId :
S-1MSD

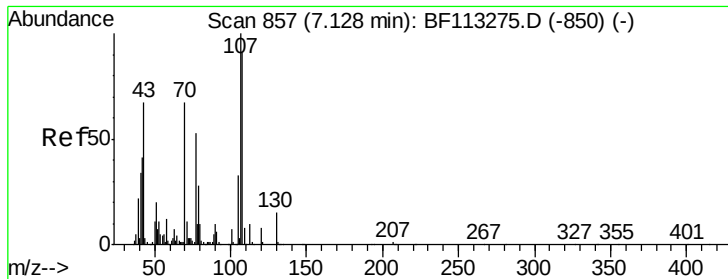
Tgt Ion:	107	Resp:	441239
Ion	Ratio	Lower	Upper
107	100		
108	115.5	93.4	140.0
77	52.6	41.2	61.8
79	50.7	40.1	60.1



#18
Hexachloroethane
Concen: 42.070 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion:	117	Resp:	200131
Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.9	115.3
201	101.5	78.7	118.1

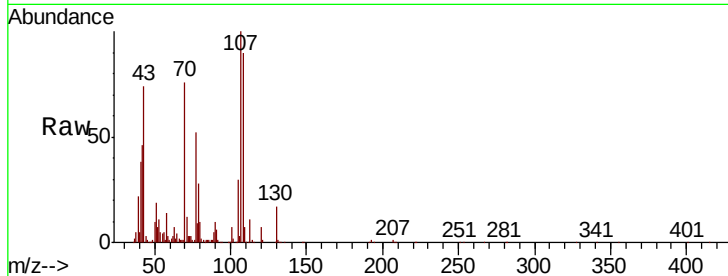




#19
n-Nitroso-di-n-propylamine
Concen: 40.861 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tgt Ion:	70	Resp:	355819
Ion	Ratio	Lower	Upper
70	100		
42	60.5	48.4	72.6
101	9.7	7.8	11.8
130	21.9	18.2	27.4



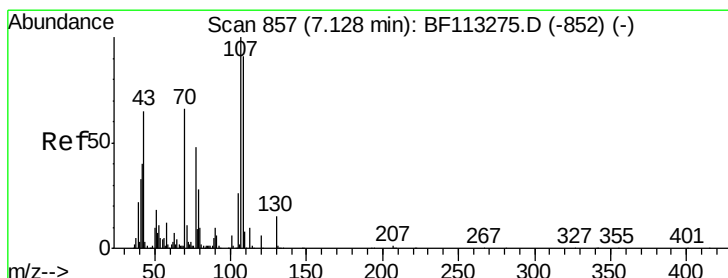
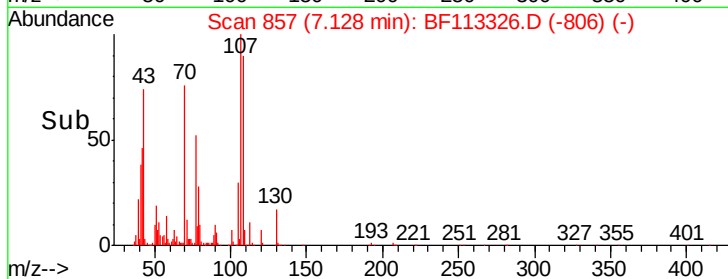
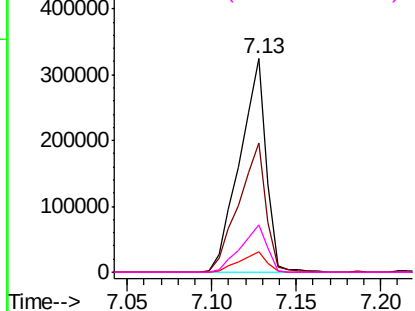
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

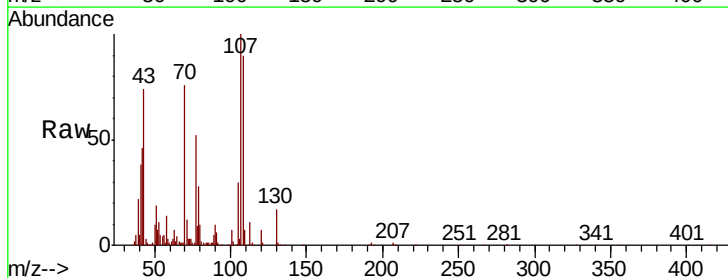
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 48.049 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion:	107	Resp:	544600
Ion	Ratio	Lower	Upper
107	100		
108	90.4	71.4	111.4
77	52.0	33.5	73.5
79	27.8	8.3	48.3



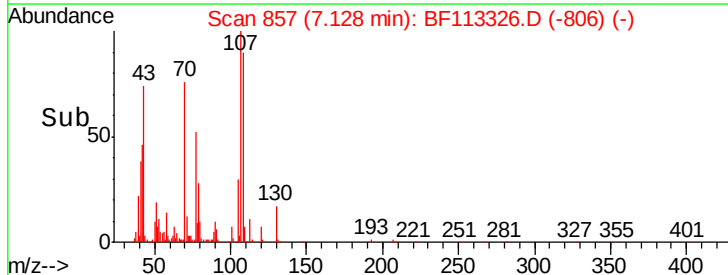
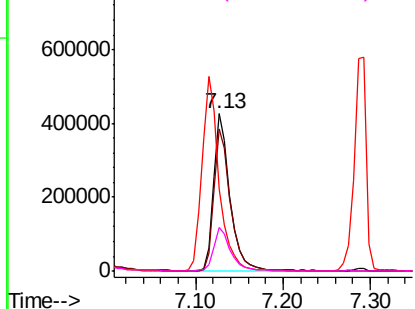
Abundance

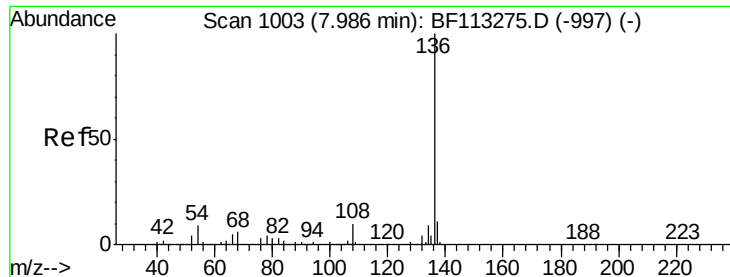
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

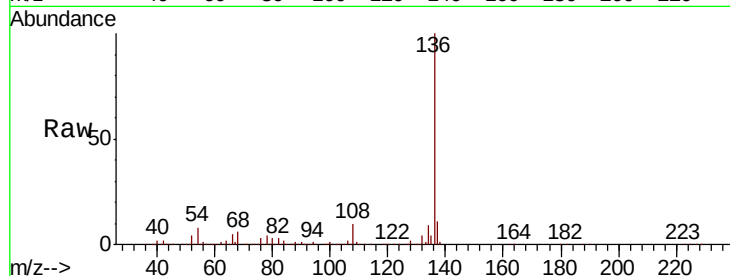




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tgt Ion:	136	Resp:	672493
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.0	7.0	10.6
68	6.2	4.8	7.2



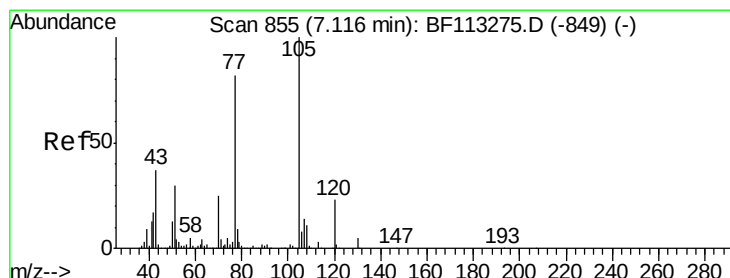
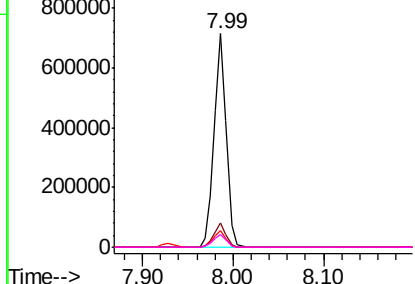
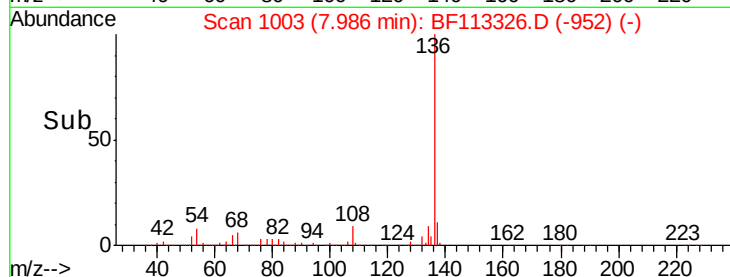
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

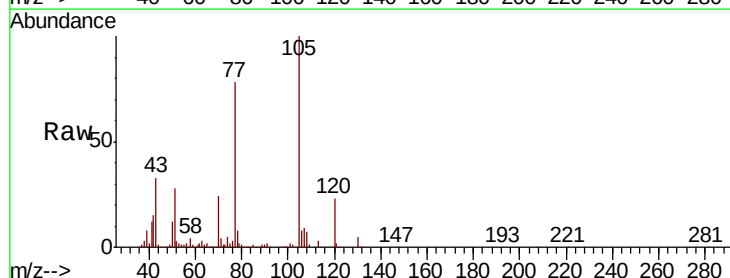
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 47.114 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion:	105	Resp:	722569
Ion	Ratio	Lower	Upper
105	100		
71	3.9	3.3	4.9
51	27.9	24.2	36.2
120	23.1	18.1	27.1



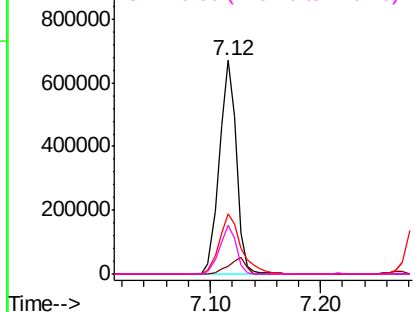
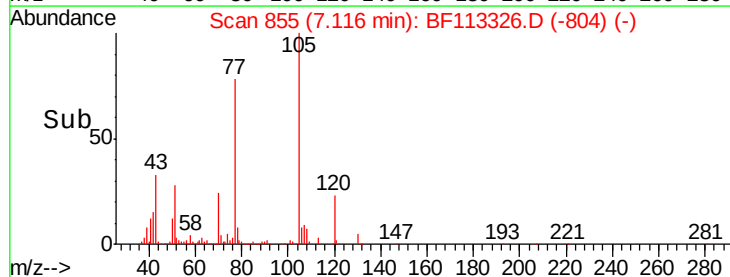
Abundance

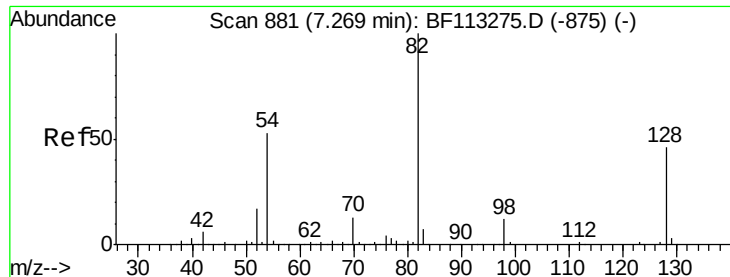
Ion 105.00 (104.70 to 105.70): E

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

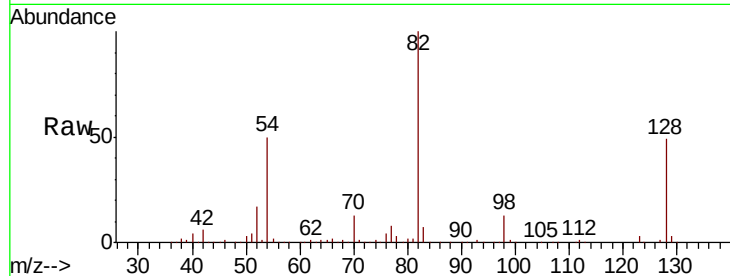




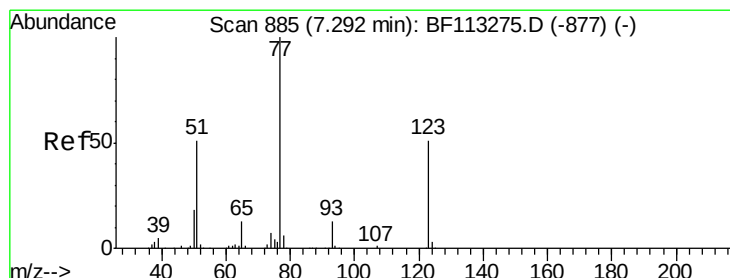
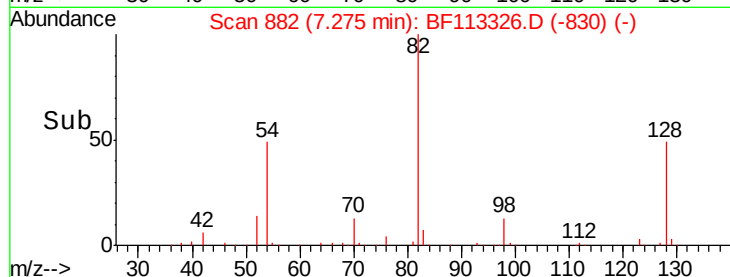
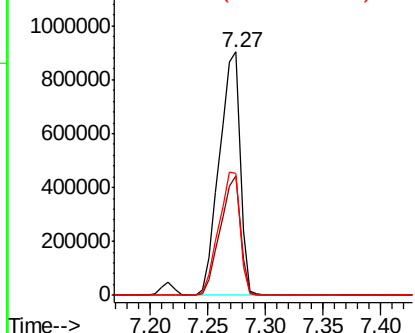
#23
 Nitrobenzene-d5
 Concen: 100.394 ng
 RT: 7.27 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tgt Ion: 82 Resp: 1137482
 Ion Ratio Lower Upper
 82 100
 128 48.9 36.5 54.7
 54 50.3 42.2 63.2

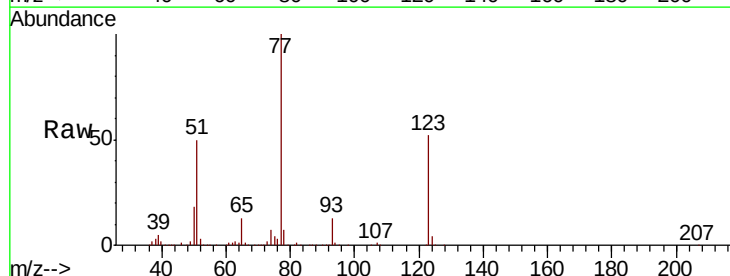


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

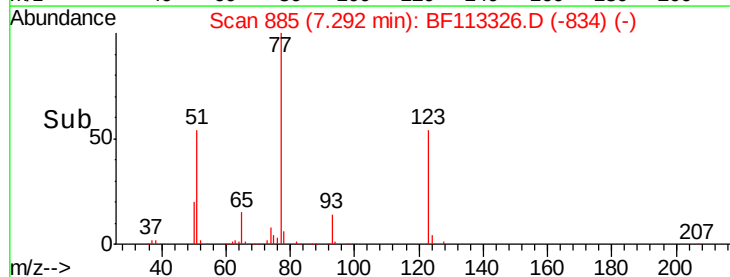
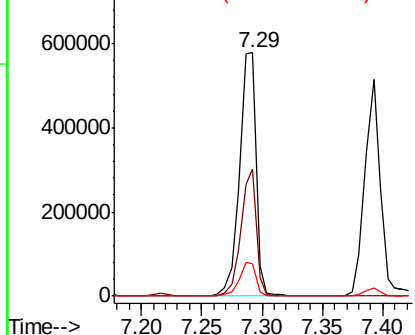


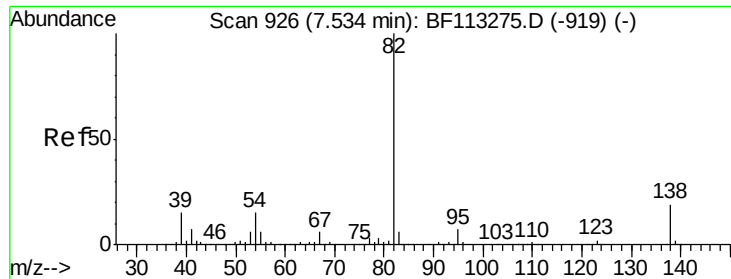
#24
 Nitrobenzene
 Concen: 47.041 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Tgt Ion: 77 Resp: 556175
 Ion Ratio Lower Upper
 77 100
 123 52.1 40.8 61.2
 65 13.4 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: 46.983 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

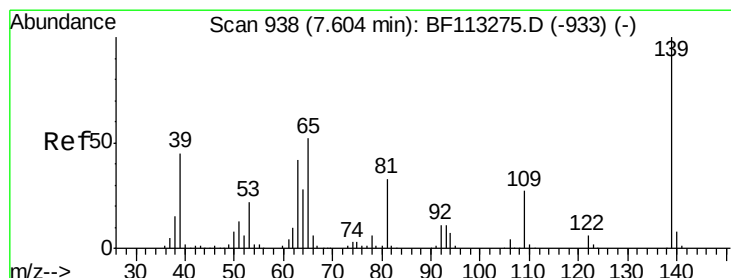
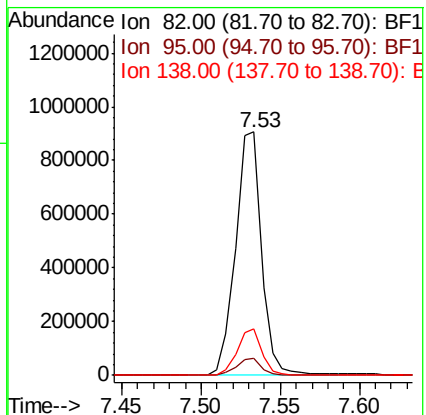
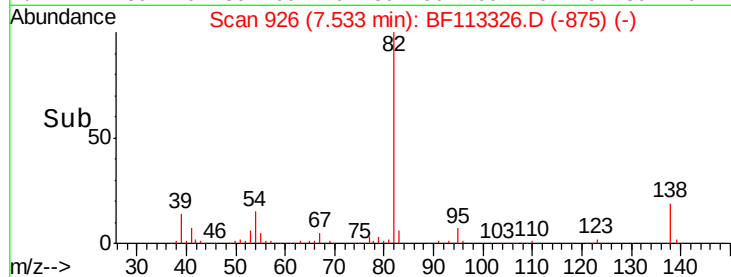
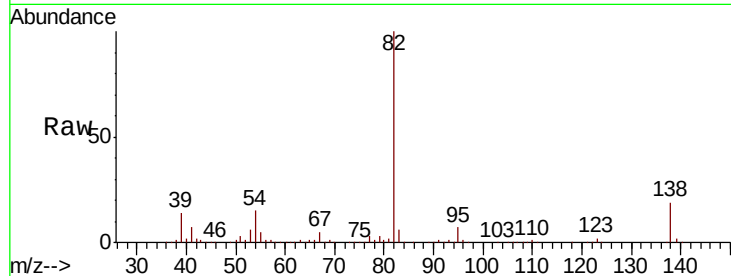
Tgt Ion: 82 Resp: 1031637

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

138 19.2 15.2 22.8



#26

2-Nitrophenol

Concen: 47.351 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

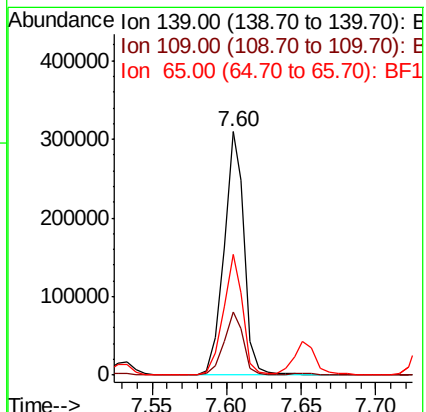
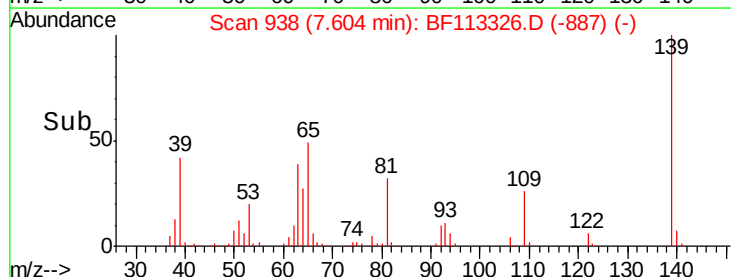
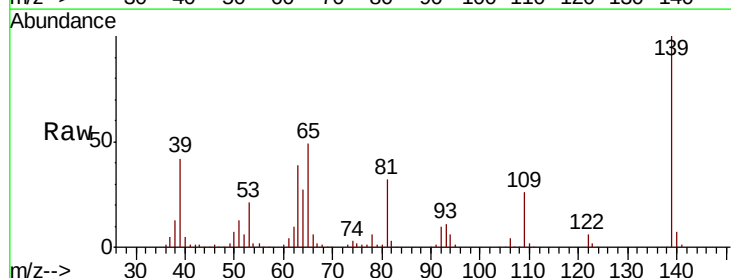
Tgt Ion: 139 Resp: 295921

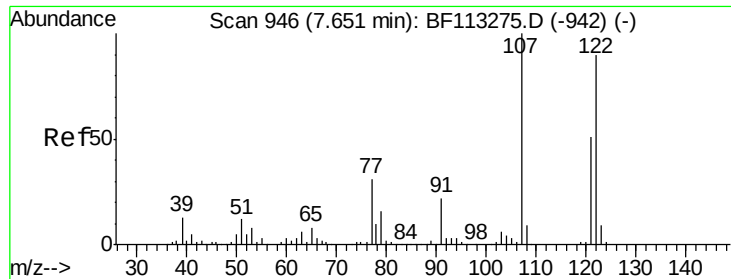
Ion Ratio Lower Upper

139 100

109 26.2 21.7 32.5

65 49.5 41.6 62.4

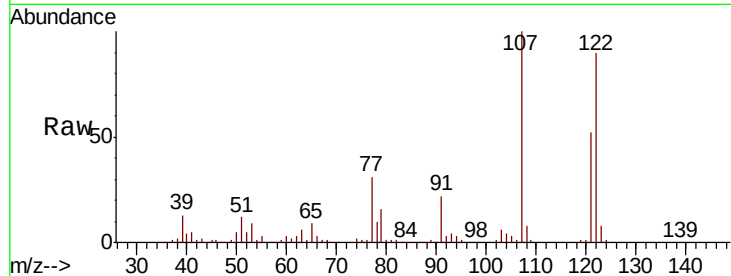




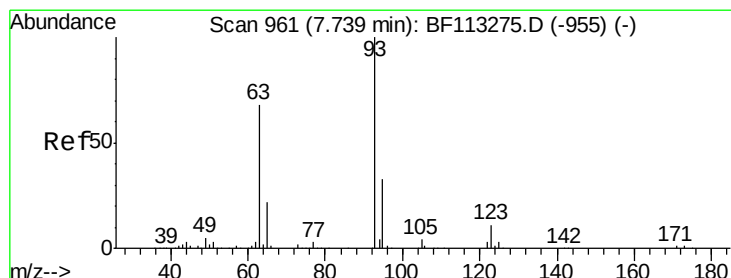
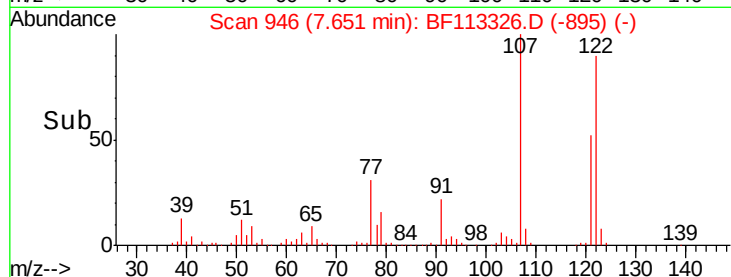
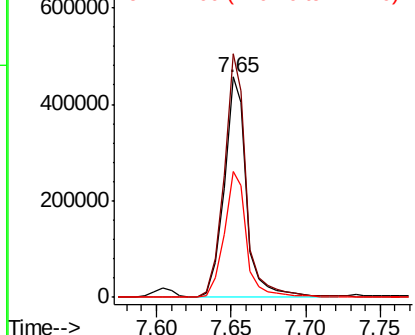
#27
 2,4-Dimethylphenol
 Concen: 53.787 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tgt Ion: 122 Resp: 483535
 Ion Ratio Lower Upper
 122 100
 107 110.7 88.8 133.2
 121 57.2 45.5 68.3

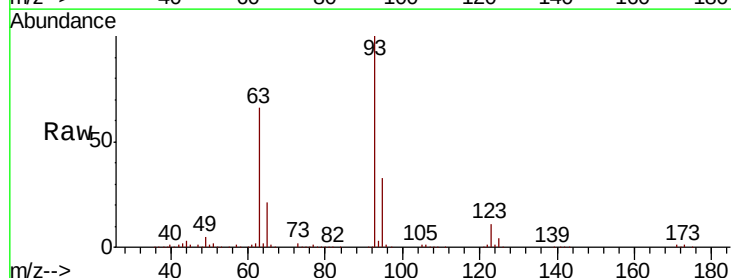


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

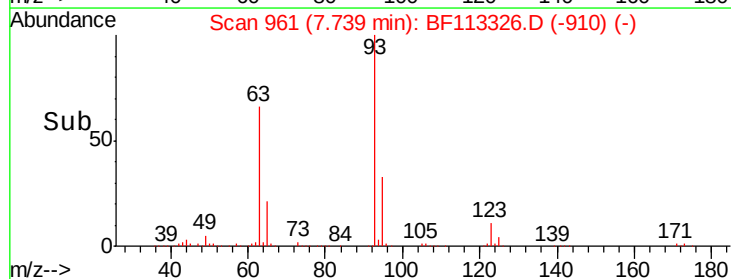
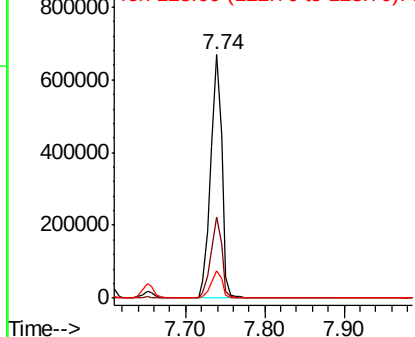


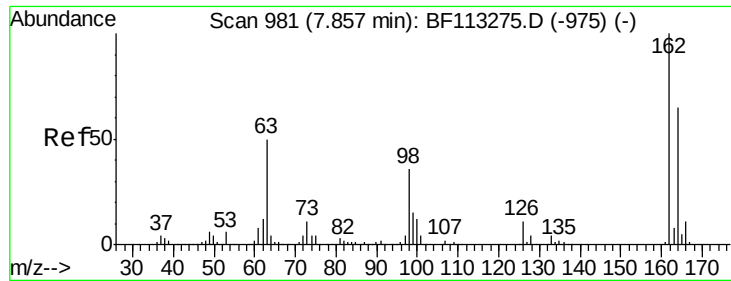
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.564 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Tgt Ion: 93 Resp: 657683
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.0 39.0
 123 11.1 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

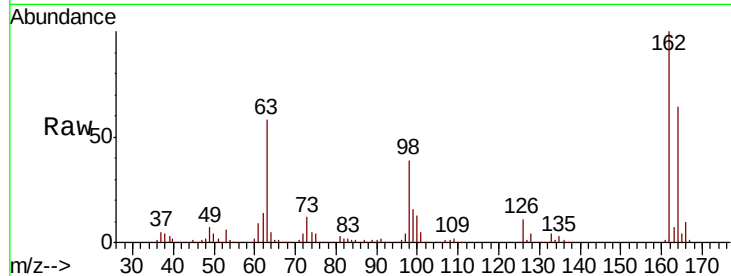




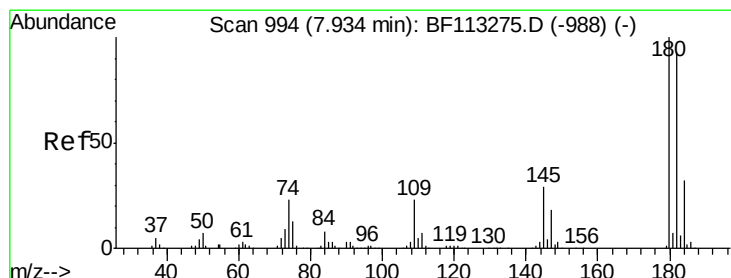
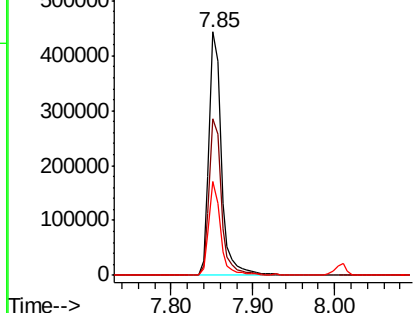
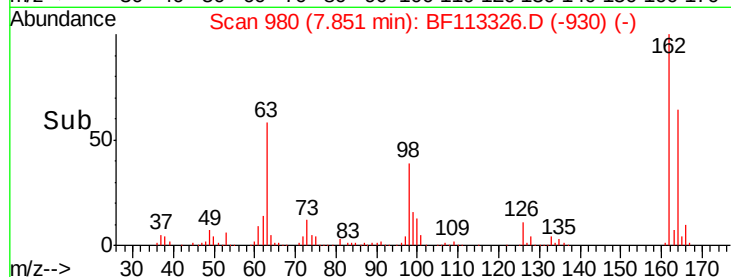
#29
2,4-Dichlorophenol
Concen: 48.145 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tgt Ion:162 Resp: 469032
Ion Ratio Lower Upper
162 100
164 64.3 44.6 84.6
98 38.5 15.6 55.6

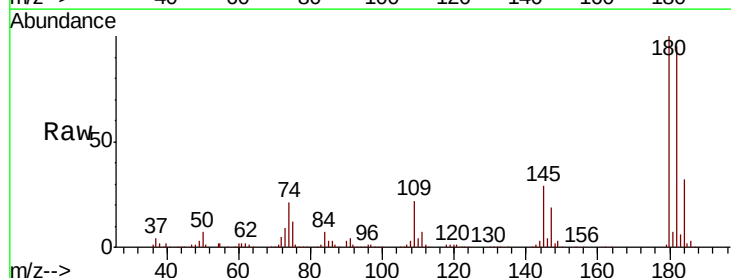


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

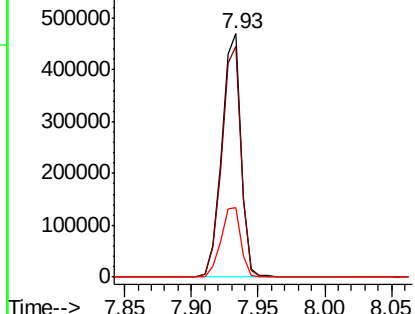
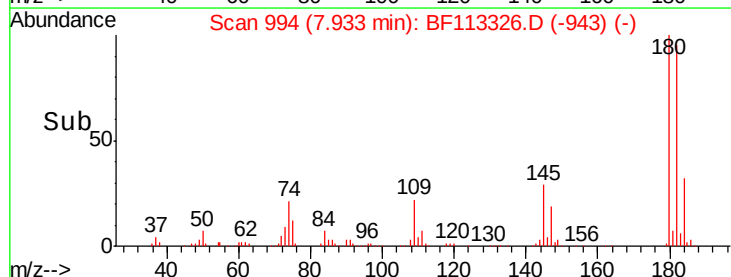


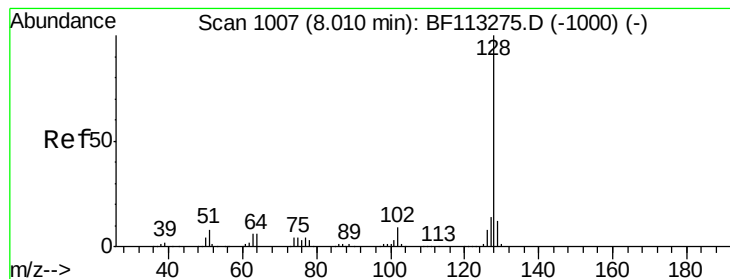
#30
1,2,4-Trichlorobenzene
Concen: 45.700 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion:180 Resp: 480335
Ion Ratio Lower Upper
180 100
182 95.0 74.6 111.8
145 28.8 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: 45.324 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

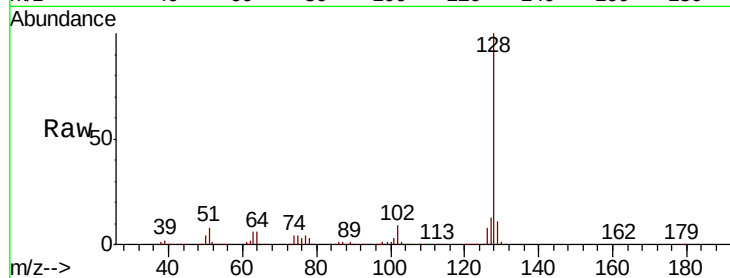
Tgt Ion:128 Resp: 1489481

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

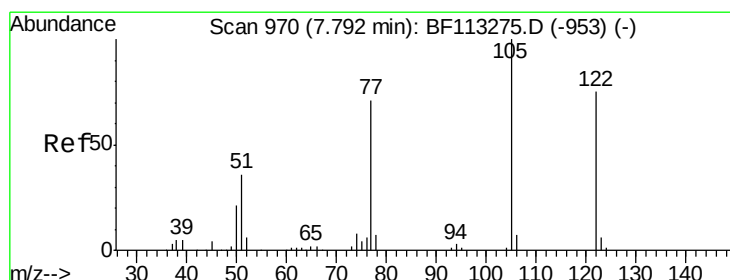
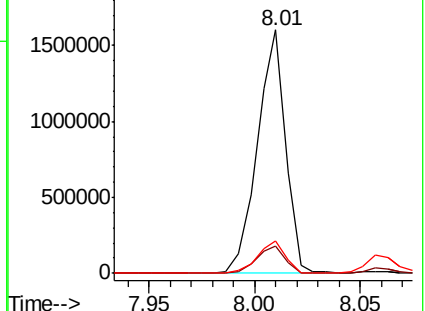
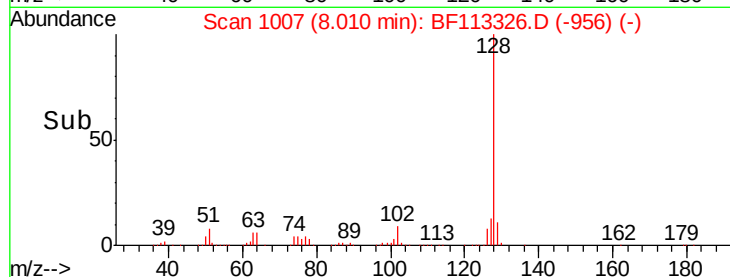
127 13.5 10.9 16.3



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: 66.820 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.14 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

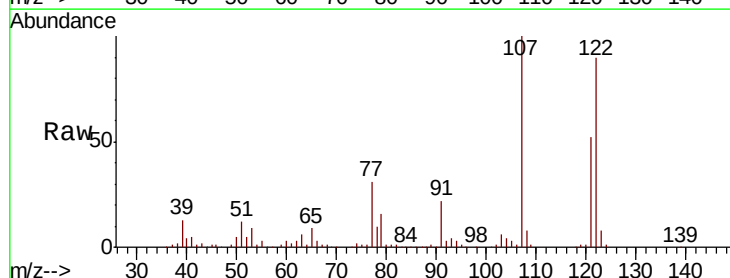
Tgt Ion:122 Resp: 483535

Ion Ratio Lower Upper

122 100

105 3.5 100.4 140.4#

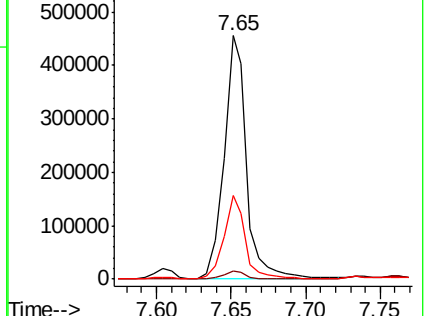
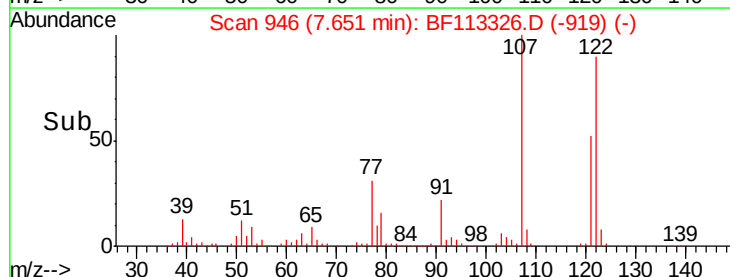
77 34.4 69.0 109.0#

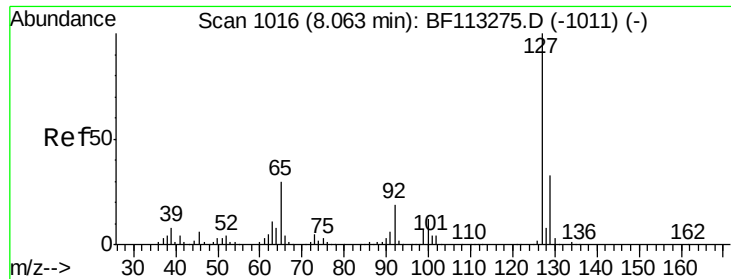


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

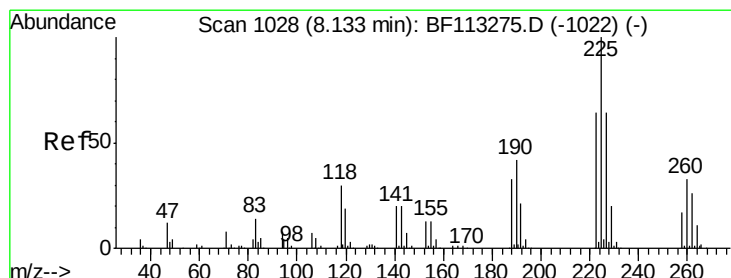
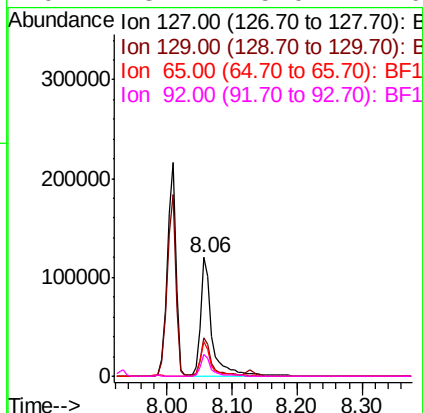
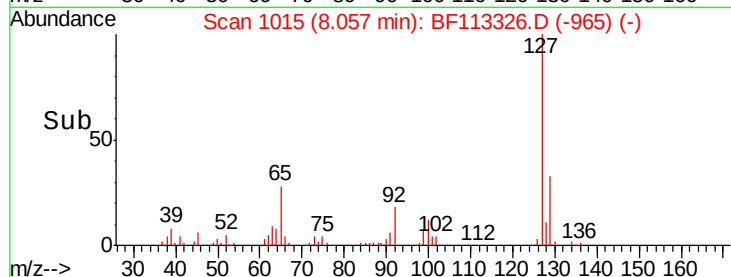
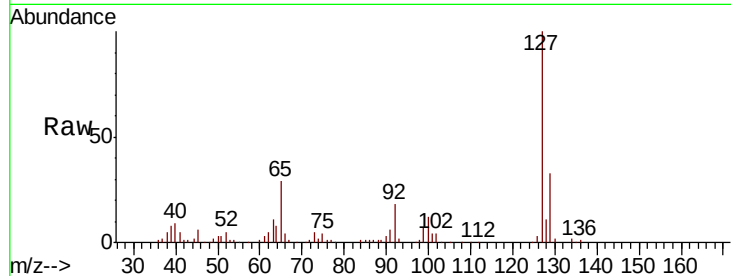




#33
4-Chloroaniline
Concen: 11.567 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

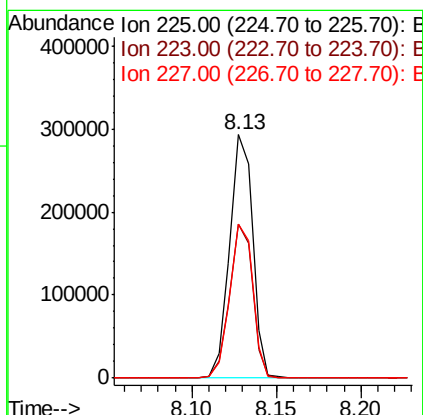
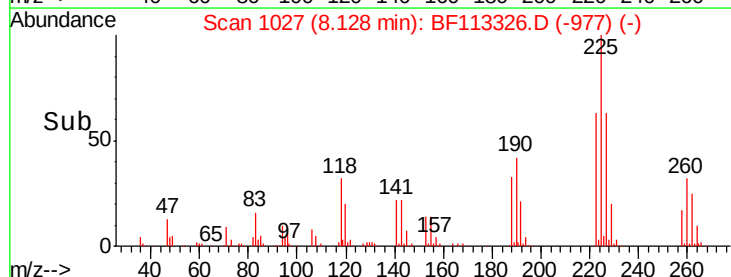
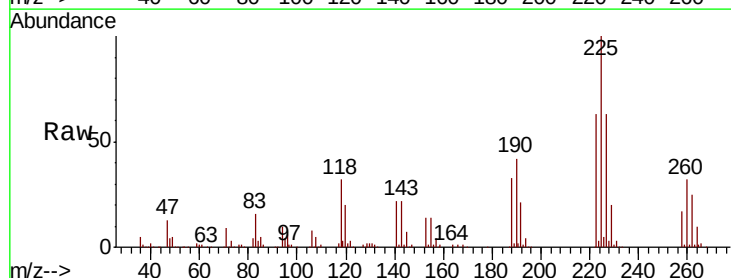
Instrument :
BNA_F
ClientSampleId :
S-1MSD

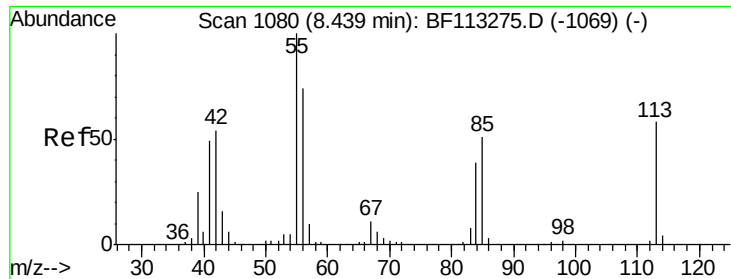
Tgt Ion:	127	Resp:	148225
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	28.9	24.2	36.4
92	18.1	15.0	22.6



#34
Hexachlorobutadiene
Concen: 44.416 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion:	225	Resp:	277466
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.4	77.2
227	63.4	51.1	76.7

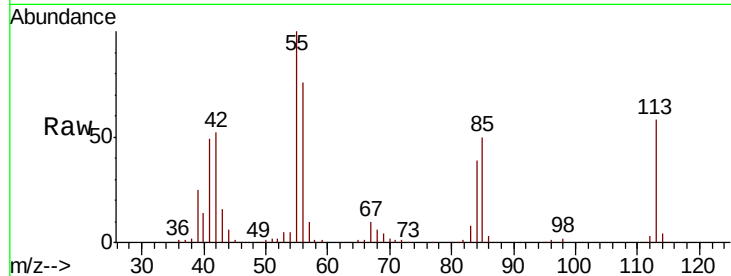




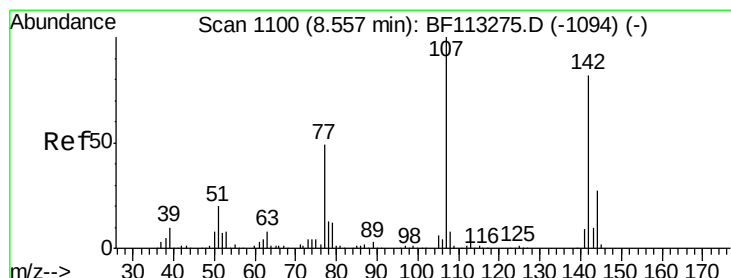
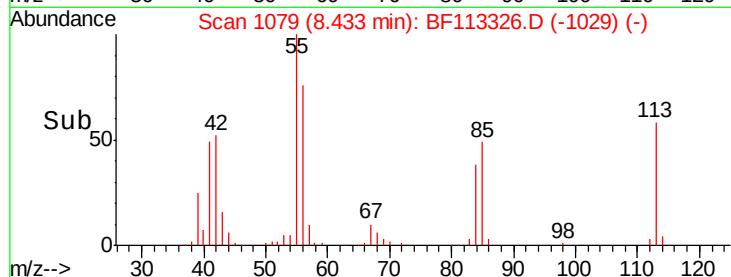
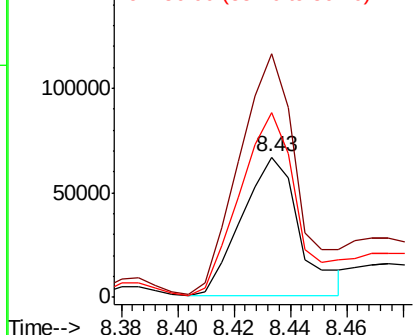
#35
 Caprolactam
 Concen: 30.438 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tgt Ion:113 Resp: 95170
 Ion Ratio Lower Upper
 113 100
 55 173.6 152.7 192.7
 56 131.4 108.3 148.3

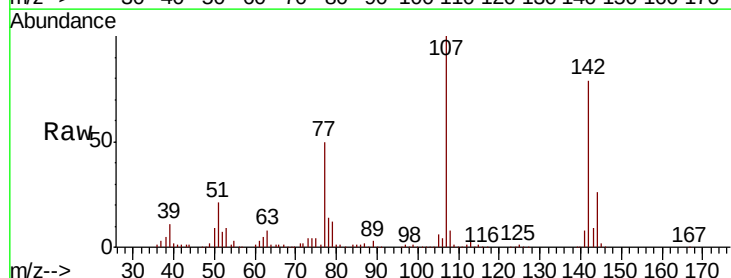


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

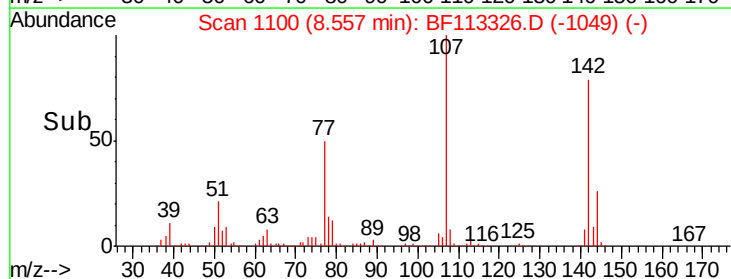
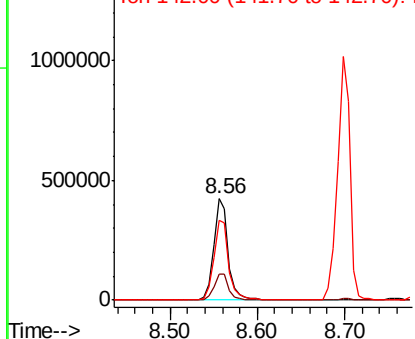


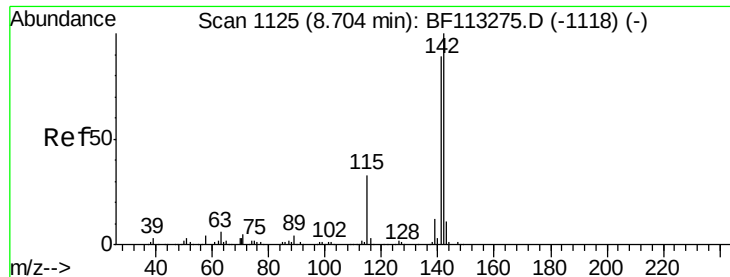
#36
 4-Chloro-3-methylphenol
 Concen: 49.448 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Tgt Ion:107 Resp: 484526
 Ion Ratio Lower Upper
 107 100
 144 25.5 21.4 32.0
 142 79.1 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

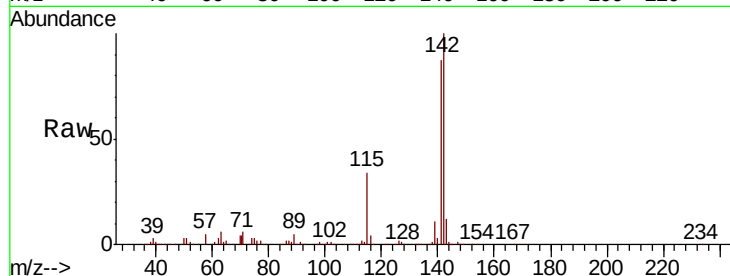




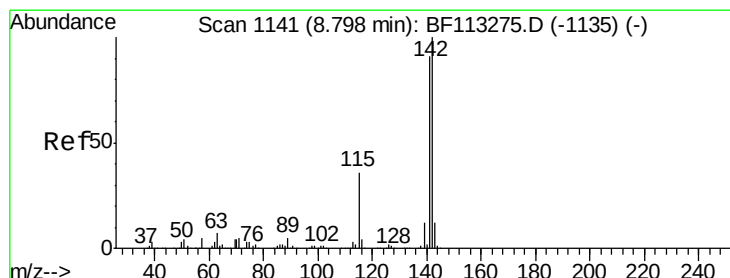
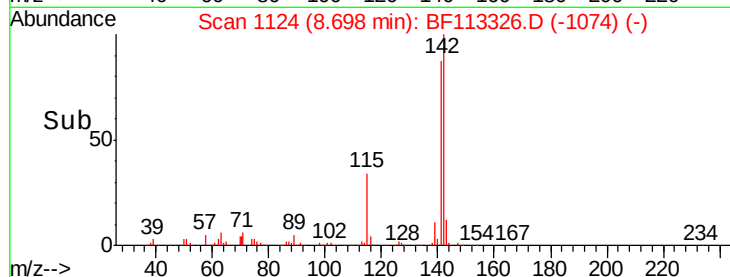
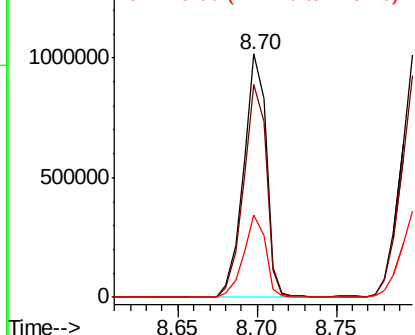
#37
 2-Methylnaphthalene
 Concen: 49.161 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tgt Ion:142 Resp: 1008072
 Ion Ratio Lower Upper
 142 100
 141 87.2 71.0 106.6
 115 33.7 26.6 39.8

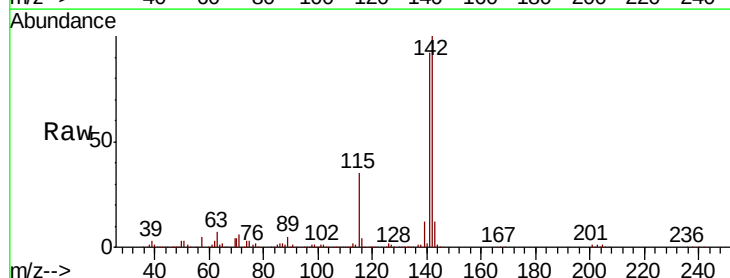


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

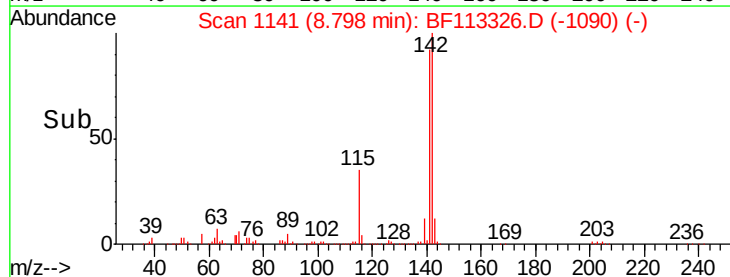
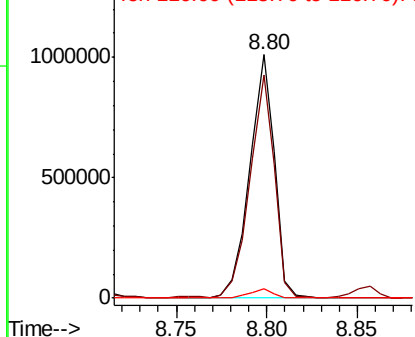


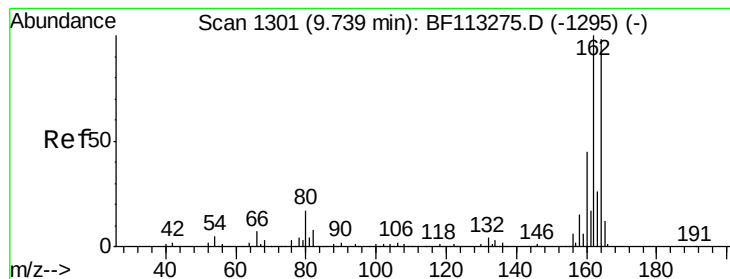
#38
 1-Methylnaphthalene
 Concen: 48.201 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Tgt Ion:142 Resp: 950698
 Ion Ratio Lower Upper
 142 100
 141 91.6 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: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

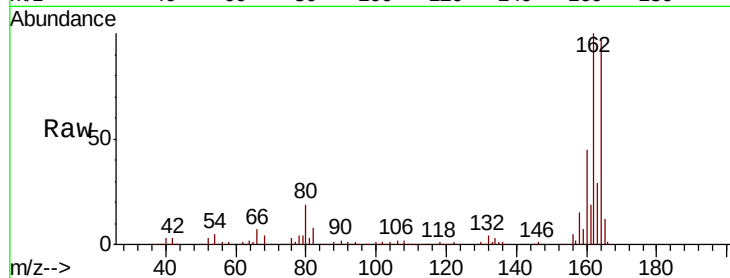
Tgt Ion:164 Resp: 330226

Ion Ratio Lower Upper

164 100

162 102.7 81.8 122.6

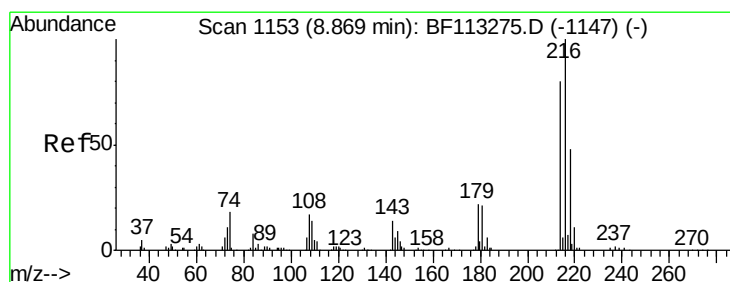
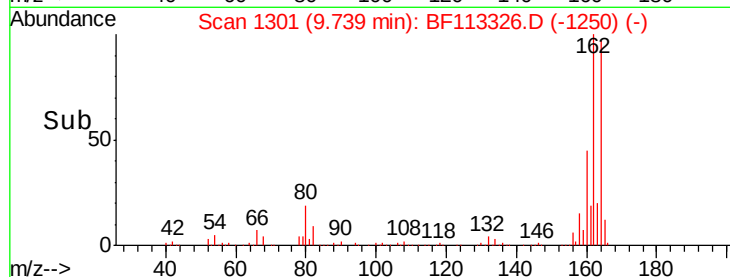
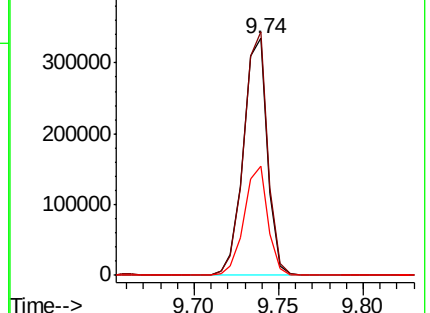
160 45.9 36.4 54.6



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: 43.640 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Tgt Ion:216 Resp: 462593

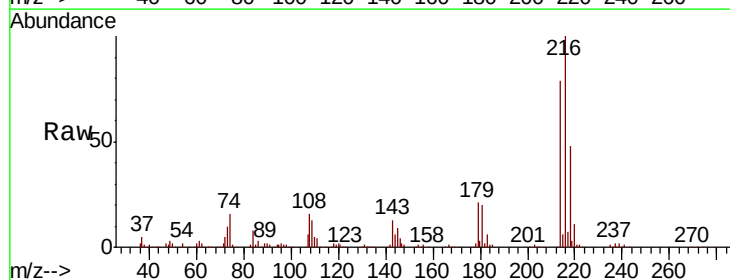
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.6

179 20.3 16.8 25.2

108 18.4 13.8 20.6

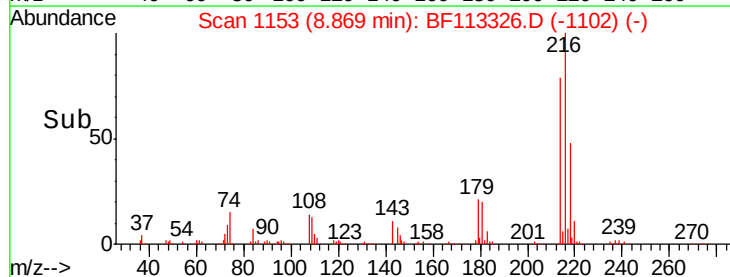
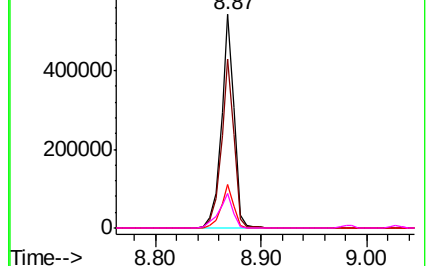


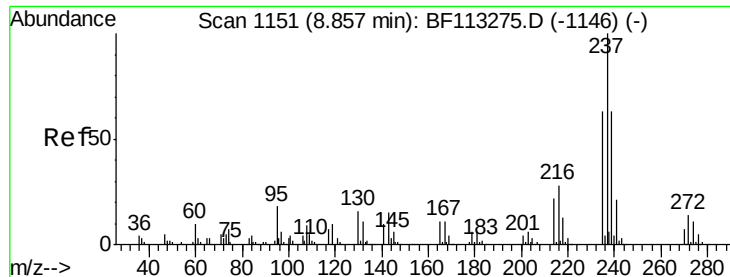
Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.977 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

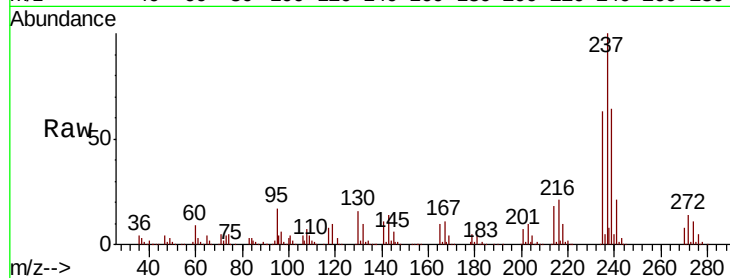
Tgt Ion: 237 Resp: 381275

Ion Ratio Lower Upper

237 100

235 62.9 43.4 83.4

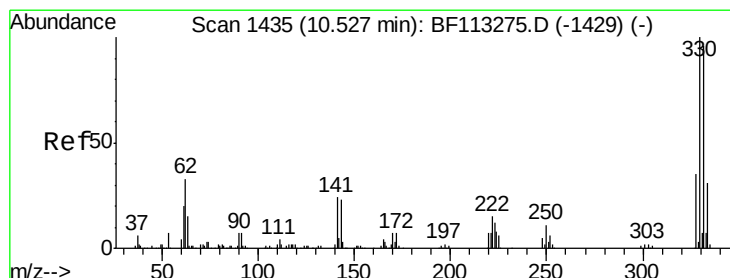
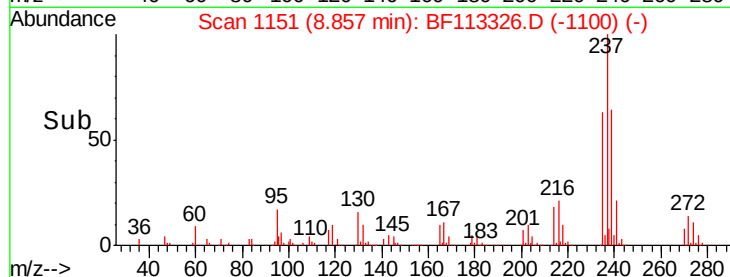
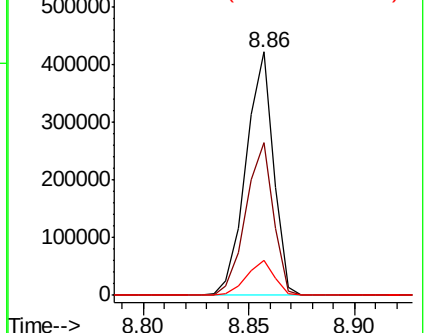
272 14.2 0.0 33.7



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: 125.591 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

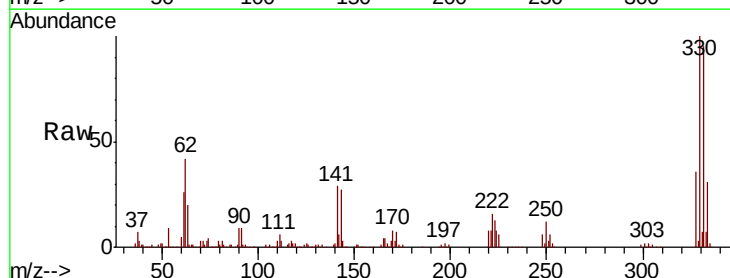
Tgt Ion: 330 Resp: 512293

Ion Ratio Lower Upper

330 100

332 96.8 77.8 116.6

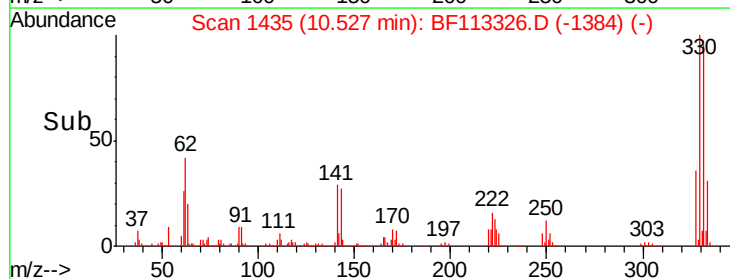
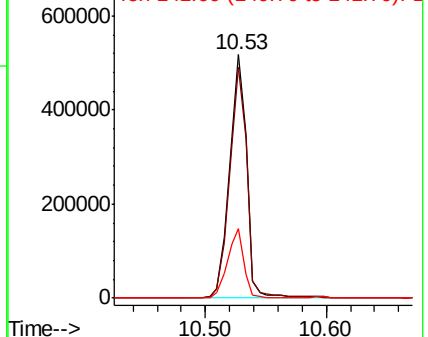
141 27.5 22.7 34.1

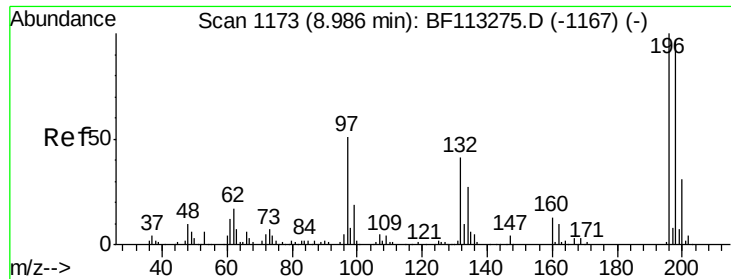


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

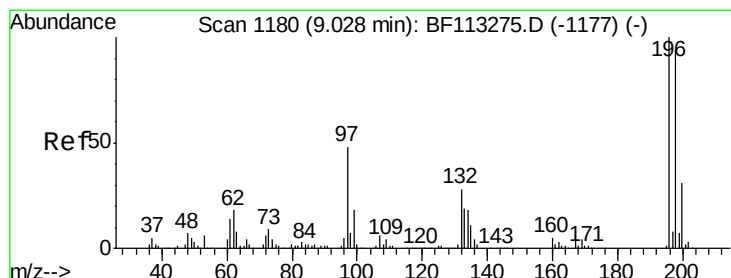
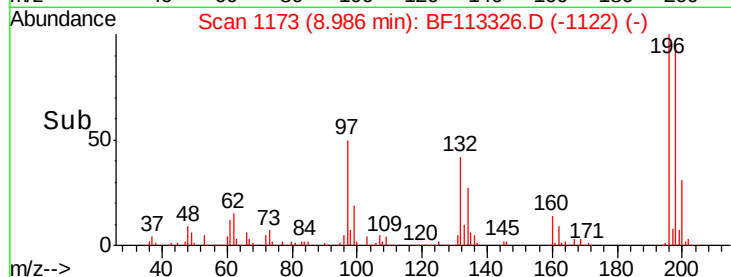
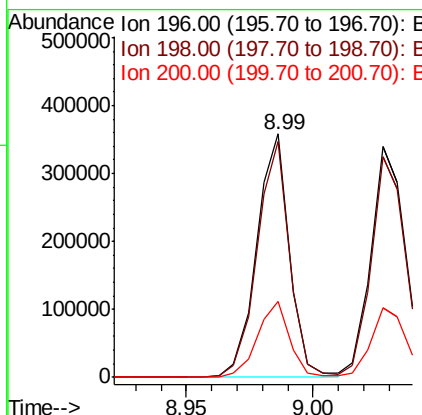
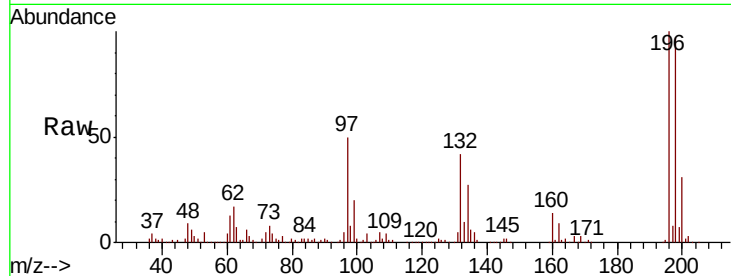




#43
 2,4,6-Trichlorophenol
 Concen: 46.891 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

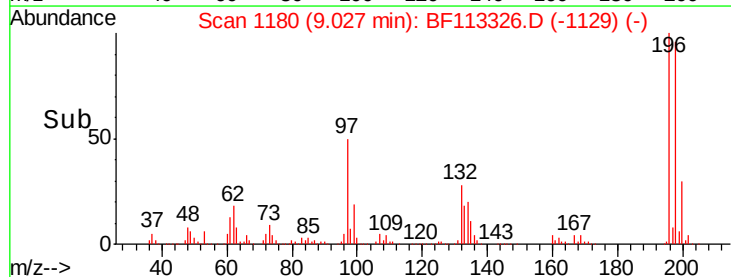
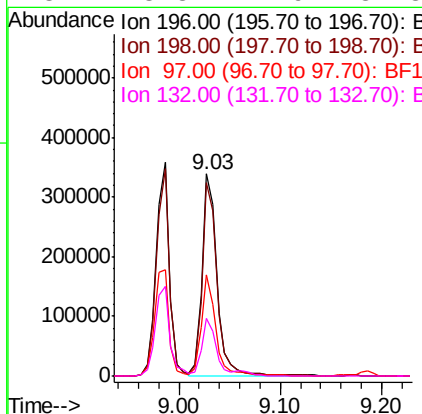
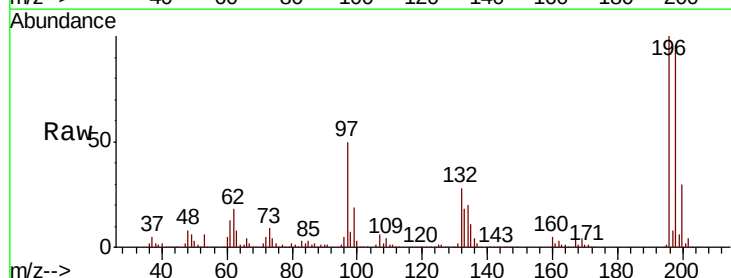
Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

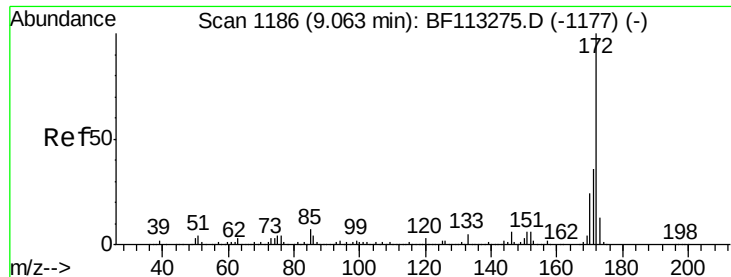
Tgt Ion:196 Resp: 323682
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.7 116.5
 200 31.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.494 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Tgt Ion:196 Resp: 347544
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.4 113.2
 97 49.7 38.6 58.0
 132 28.3 22.9 34.3

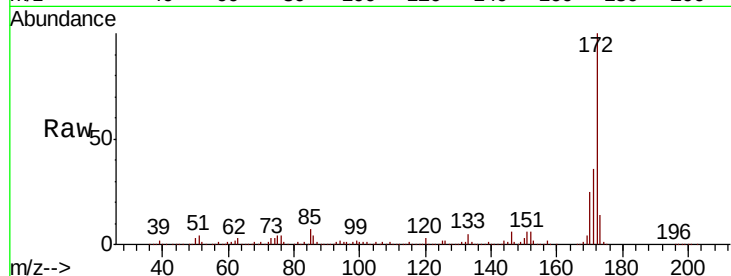




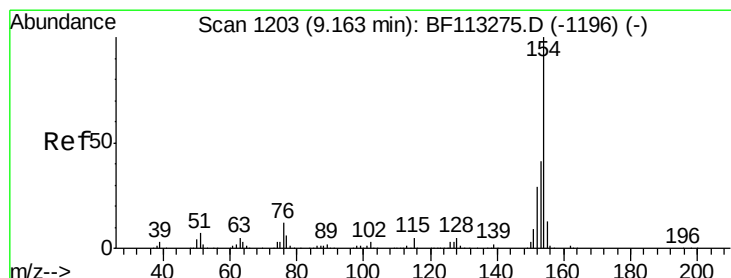
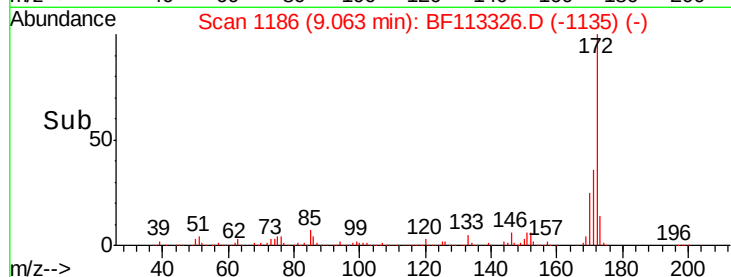
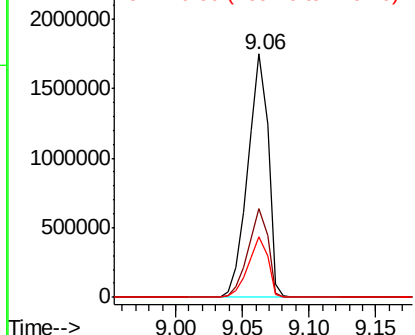
#45
2-Fluorobiphenyl
Concen: 87.489 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tgt Ion:172 Resp: 1832422
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 24.9 19.5 29.3

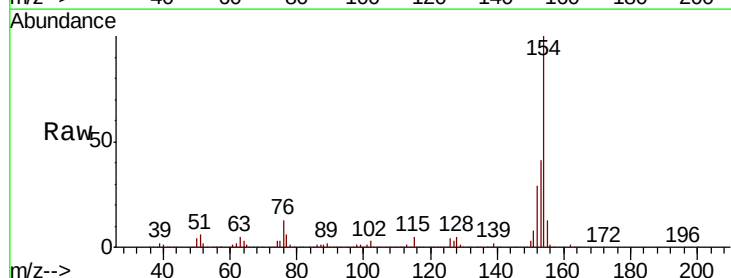


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

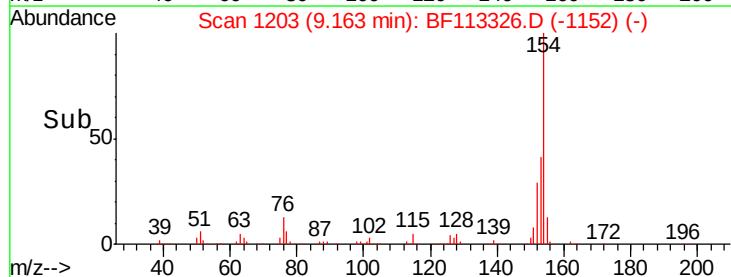
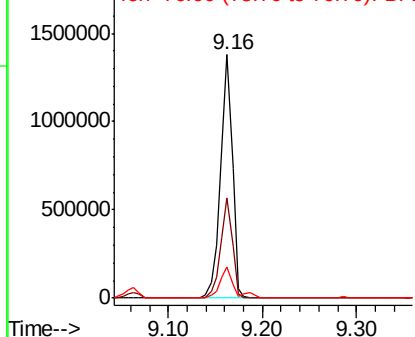


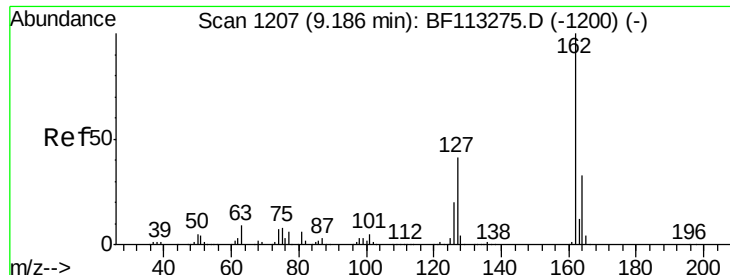
#46
1,1'-Biphenyl
Concen: 44.186 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion:154 Resp: 1218655
Ion Ratio Lower Upper
154 100
153 41.2 20.8 60.8
76 12.9 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

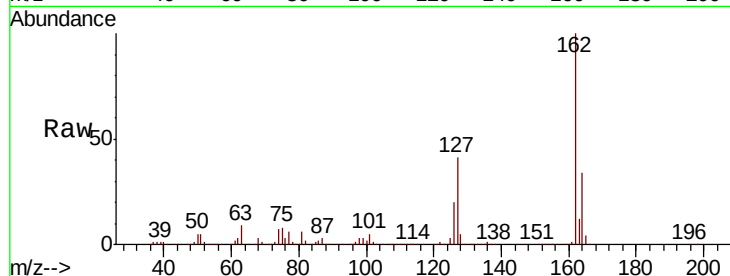




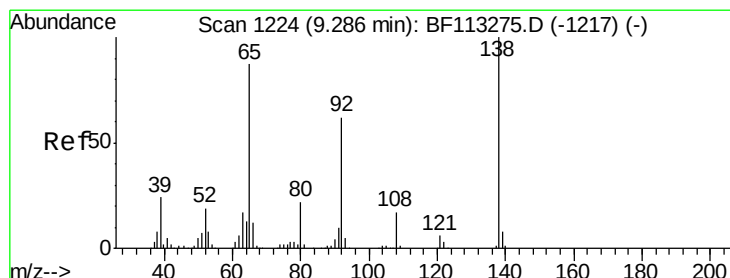
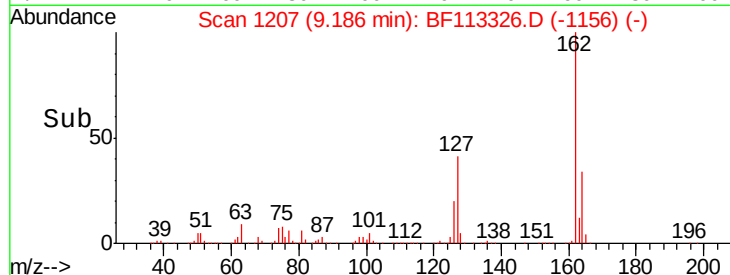
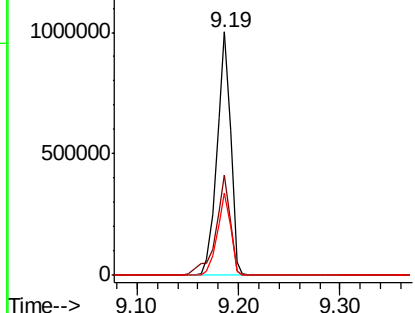
#47
 2-Chloronaphthalene
 Concen: 44.116 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Instrument :
 BNA_F
 ClientSampled :
 S-1MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.6	49.0
164	33.8	26.6	39.8

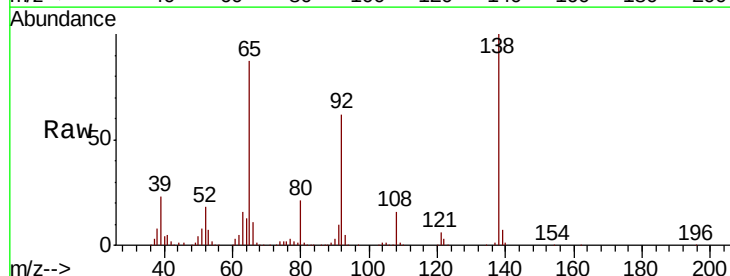


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

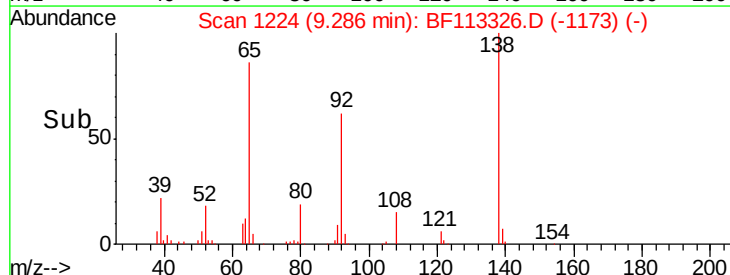
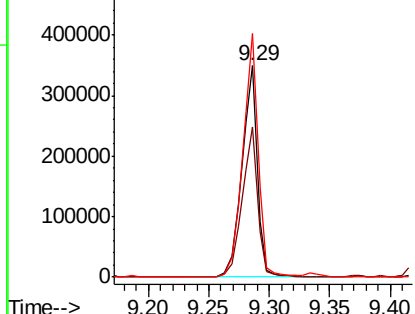


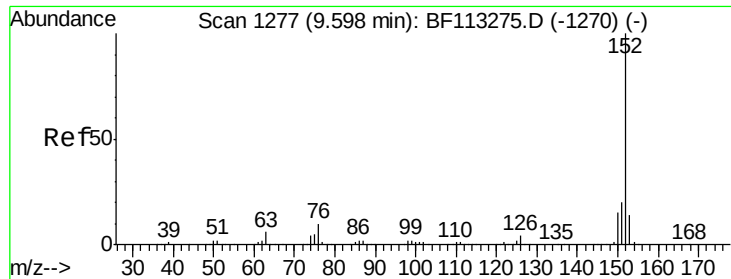
#48
 2-Nitroaniline
 Concen: 47.301 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	56.8	85.2
138	115.1	92.3	138.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.236 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

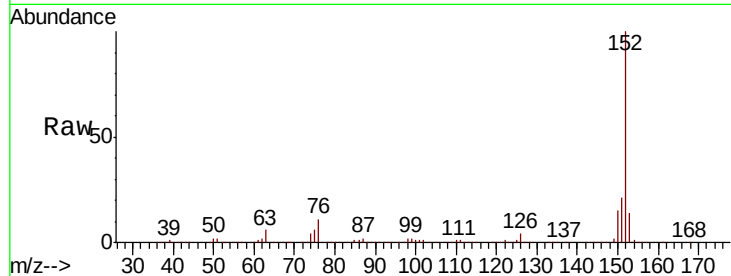
Tgt Ion:152 Resp: 1518868

Ion Ratio Lower Upper

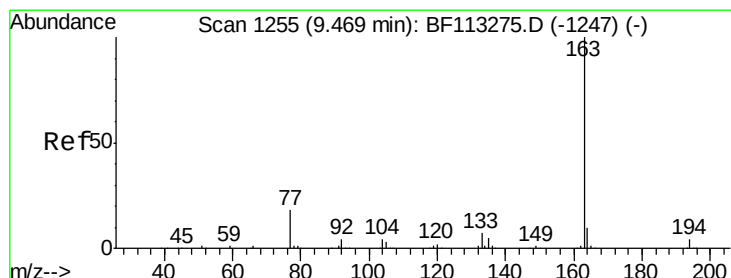
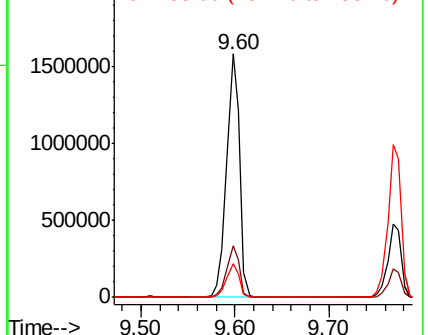
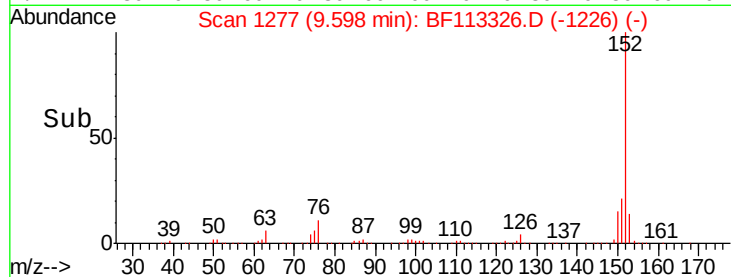
152 100

151 21.0 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: 51.479 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

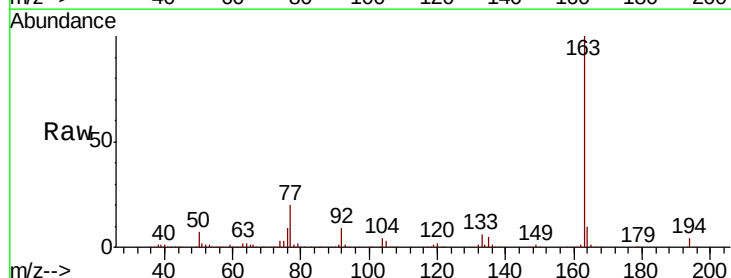
Tgt Ion:163 Resp: 1259821

Ion Ratio Lower Upper

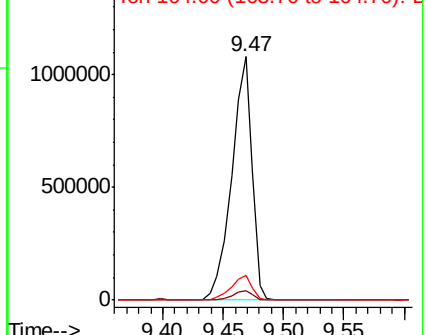
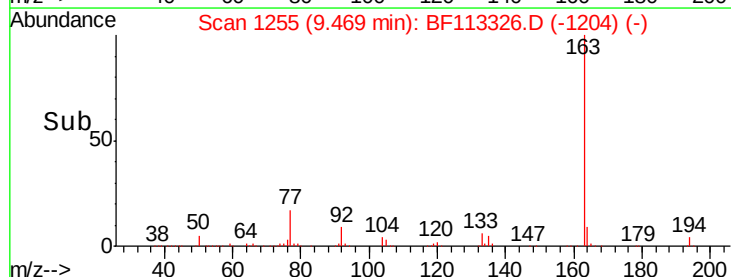
163 100

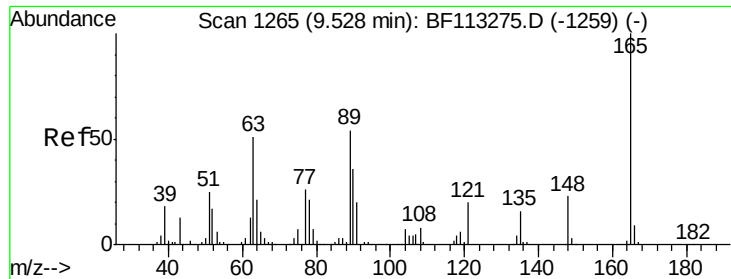
194 4.0 3.0 4.6

164 10.3 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

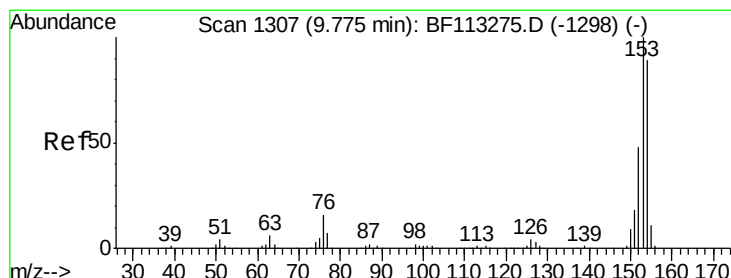
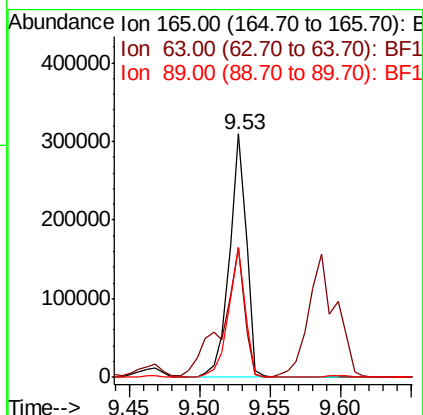
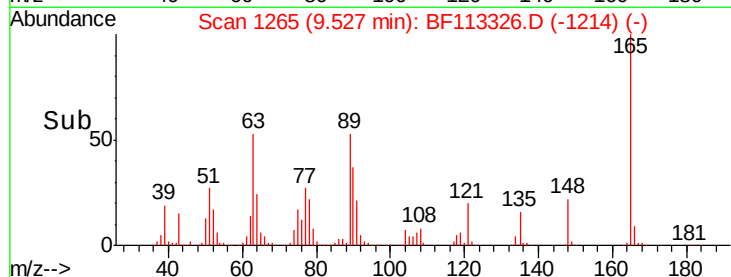
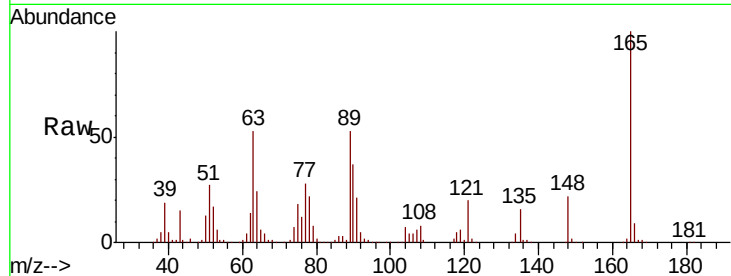




#51
2,6-Dinitrotoluene
Concen: 46.858 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

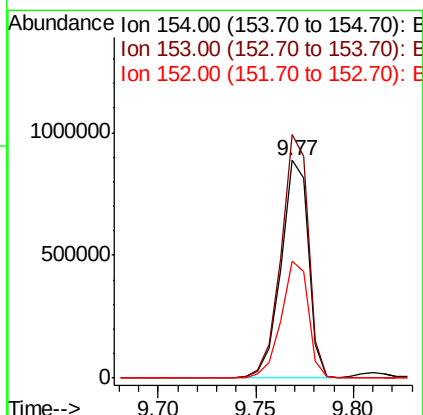
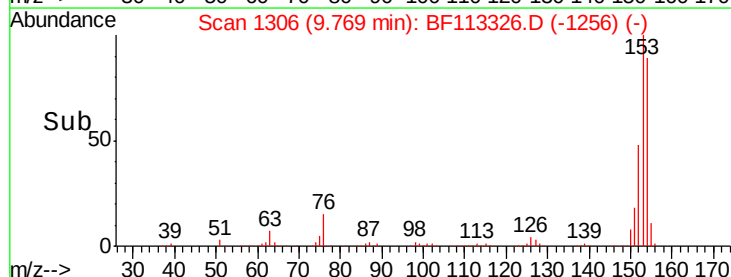
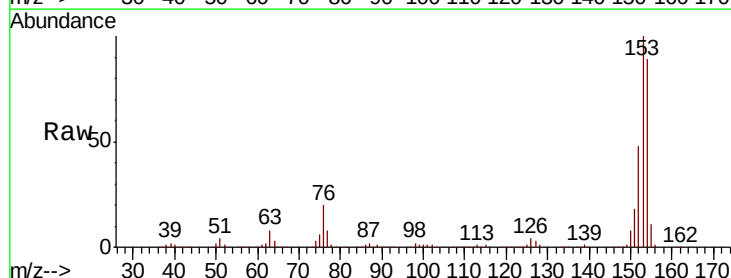
Instrument :
BNA_F
ClientSampleId :
S-1MSD

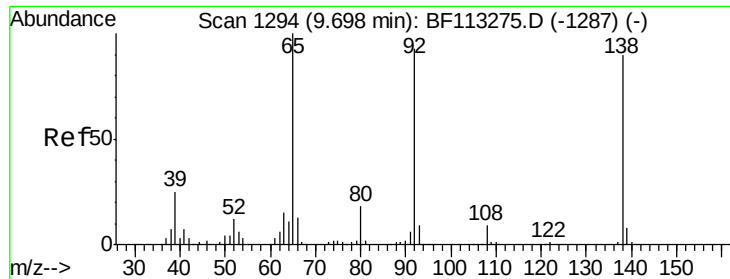
Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.1	43.4	65.0
89	53.4	43.1	64.7



#52
Acenaphthene
Concen: 44.658 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.5	134.3
152	53.8	43.3	64.9

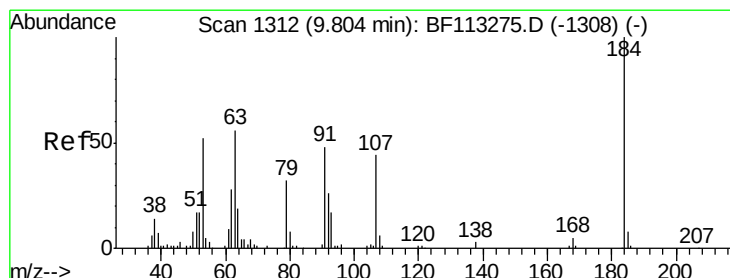
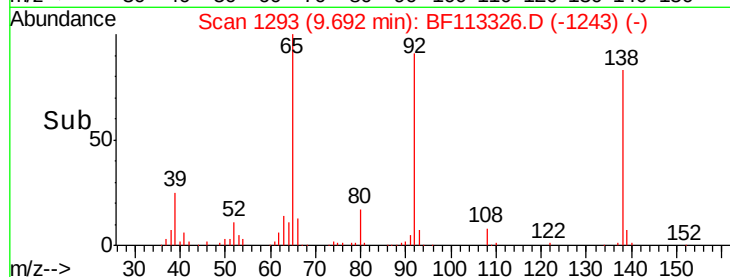
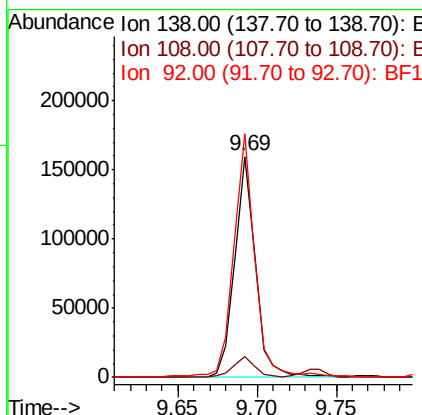
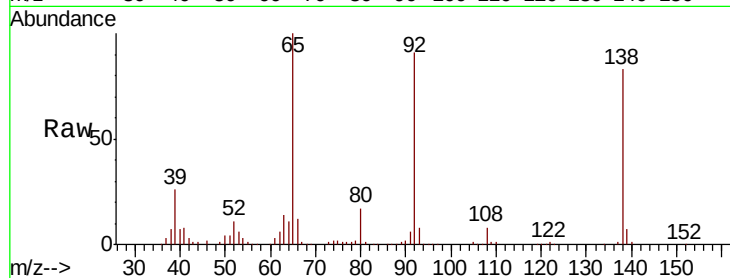




#53
 3-Nitroaniline
 Concen: 23.558 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

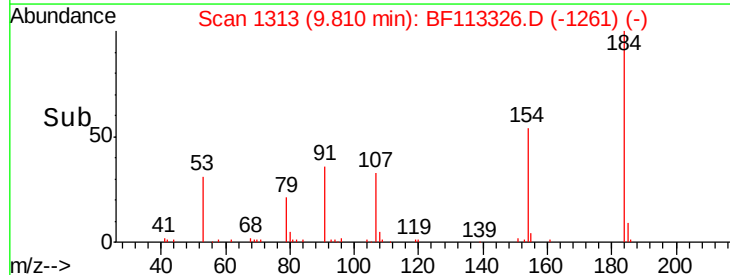
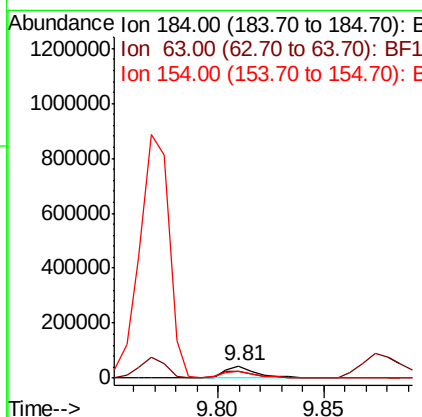
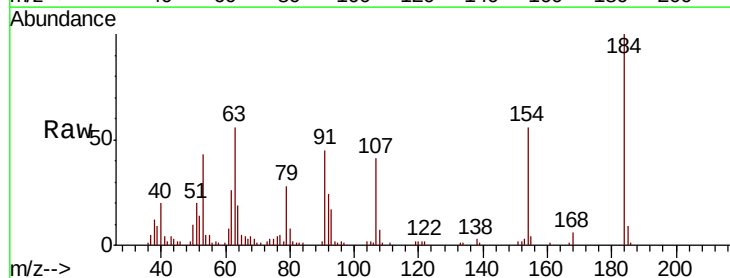
Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

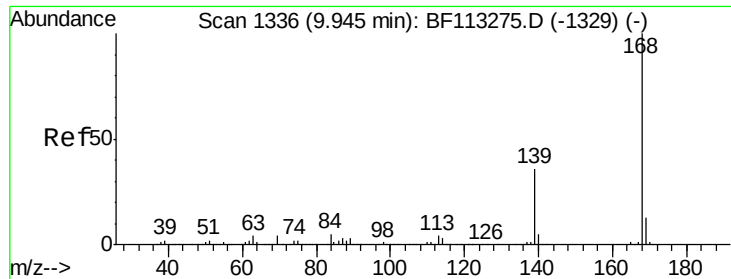
Tgt Ion:138 Resp: 146673
 Ion Ratio Lower Upper
 138 100
 108 9.4 7.8 11.6
 92 110.1 82.6 124.0



#54
 2,4-Dinitrophenol
 Concen: 17.588 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Tgt Ion:184 Resp: 48294
 Ion Ratio Lower Upper
 184 100
 63 56.2 54.3 81.5
 154 55.6 48.4 72.6

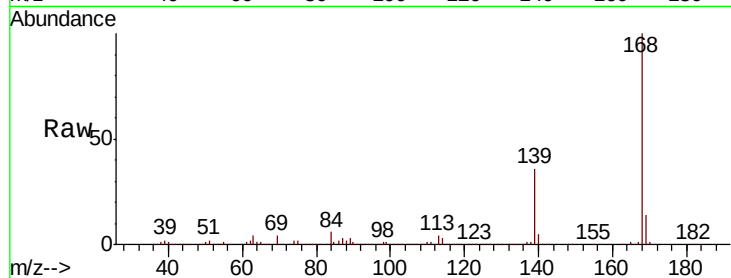




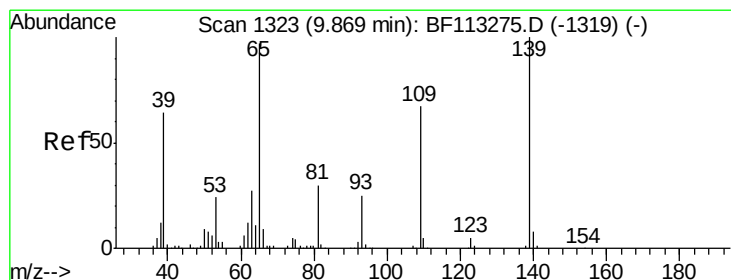
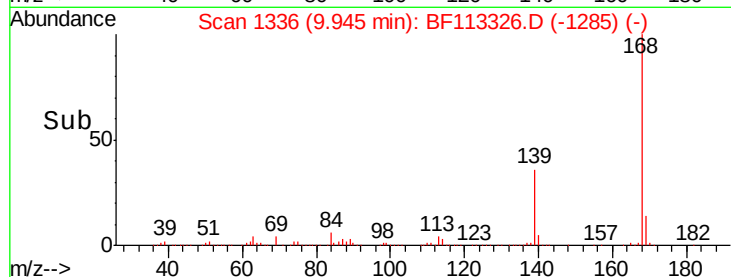
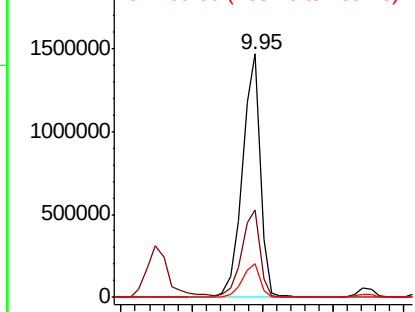
#55
Dibenzofuran
Concen: 44.462 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tgt Ion:168 Resp: 1292471
Ion Ratio Lower Upper
168 100
139 36.1 29.7 44.5
169 13.8 10.7 16.1

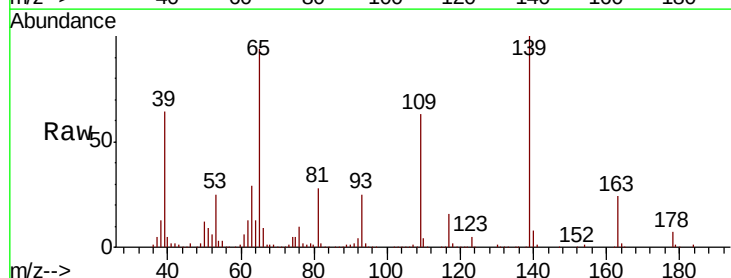


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

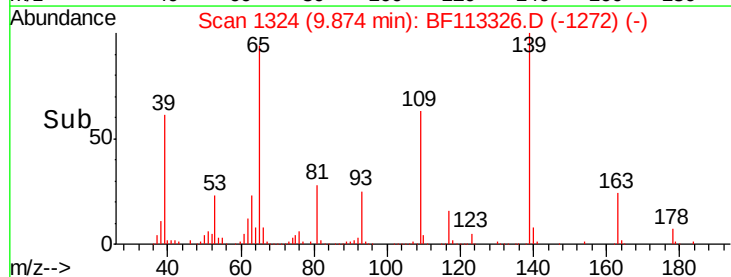
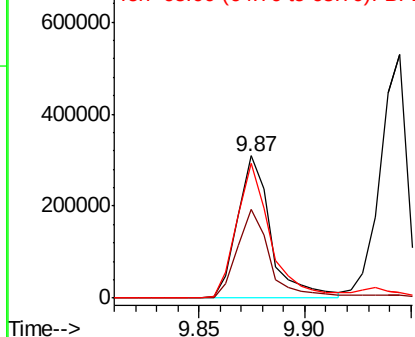


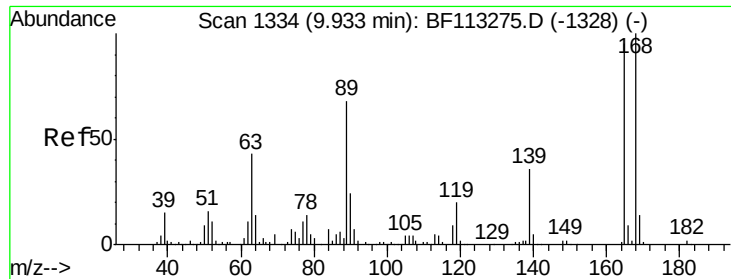
#56
4-Nitrophenol
Concen: 76.565 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion:139 Resp: 339853
Ion Ratio Lower Upper
139 100
109 62.5 46.9 86.9
65 94.5 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

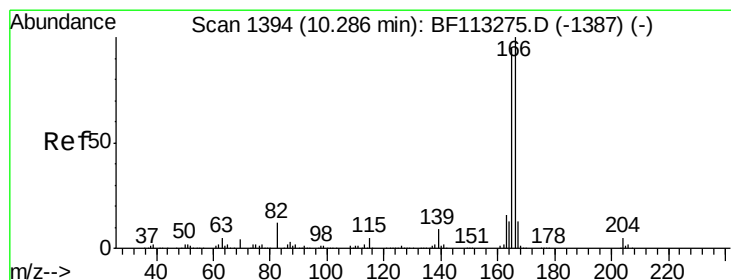
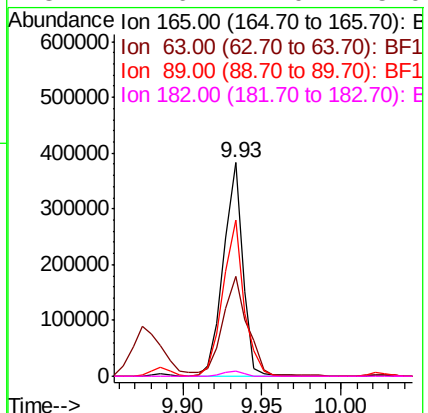
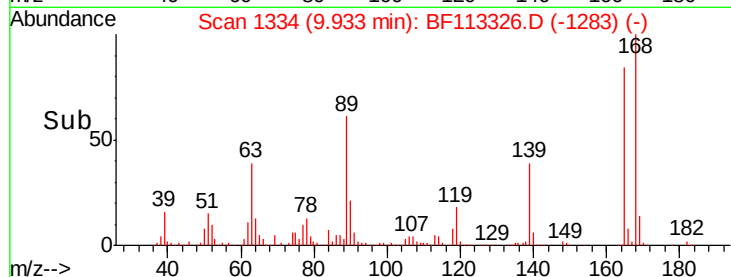
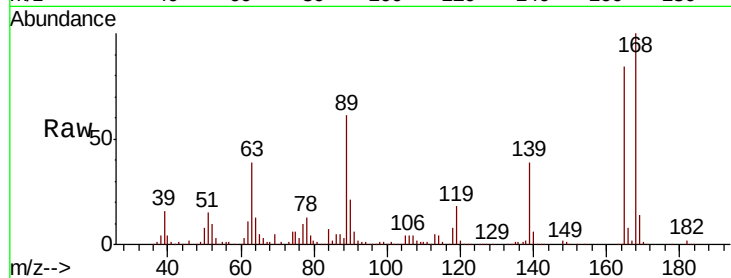




#57
2,4-Dinitrotoluene
Concen: 46.082 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

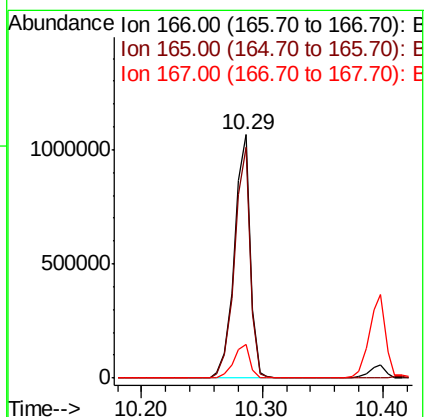
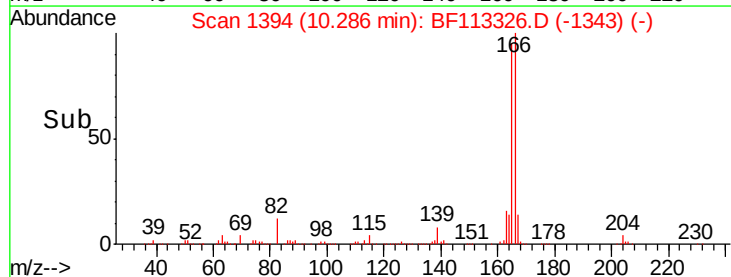
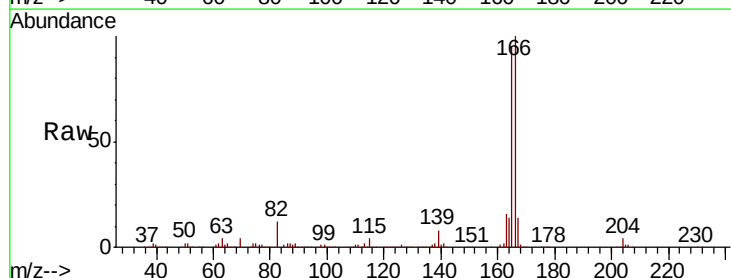
Instrument :
BNA_F
ClientSampleId :
S-1MSD

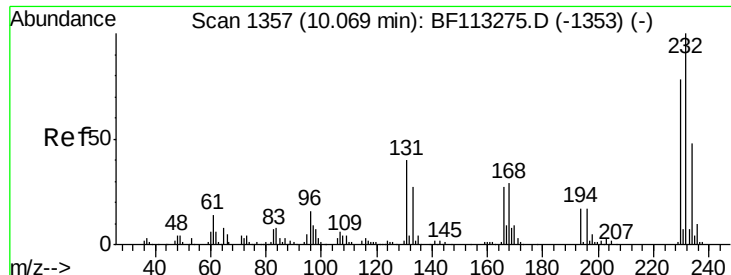
Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.7	37.5	56.3
89	72.8	57.4	86.2
182	2.6	2.0	3.0



#58
Fluorene
Concen: 43.526 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.8	76.2	114.2
167	13.8	10.7	16.1

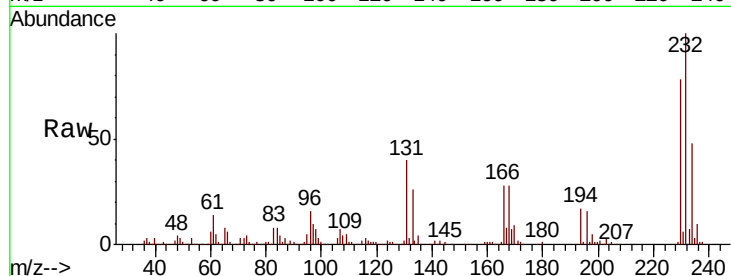




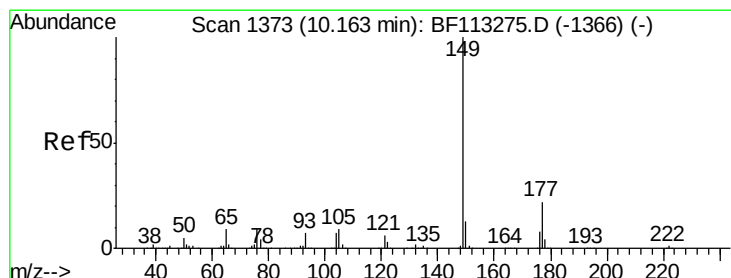
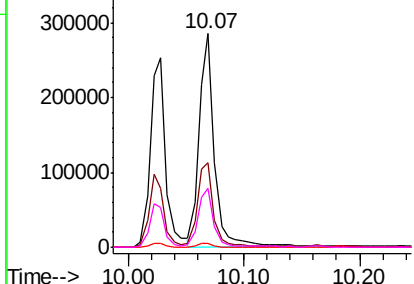
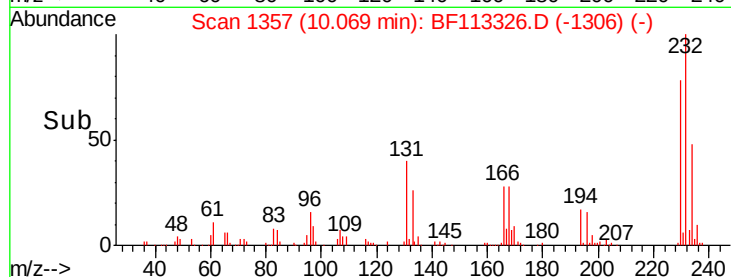
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.262 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tgt Ion: 232 Resp: 266555
Ion Ratio Lower Upper
232 100
131 43.1 33.2 49.8
130 2.0 1.6 2.4
166 27.8 21.0 31.6

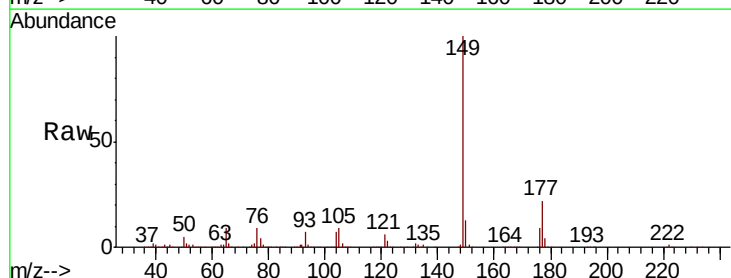


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

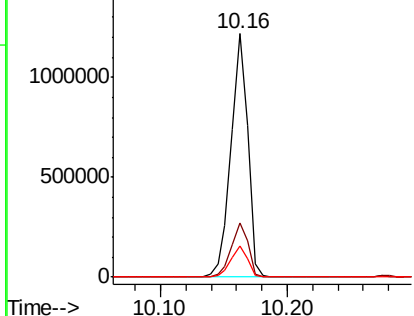
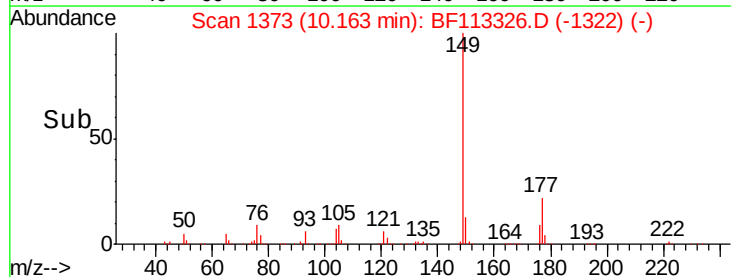


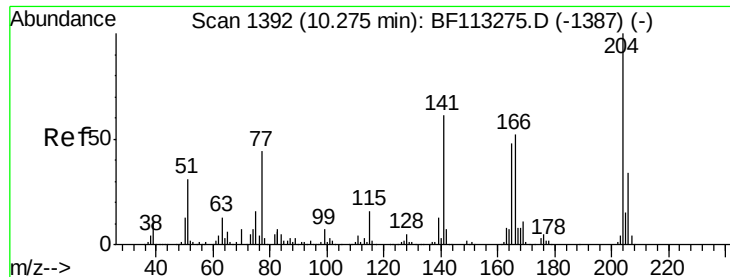
#60
Diethylphthalate
Concen: 46.277 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion: 149 Resp: 1110984
Ion Ratio Lower Upper
149 100
177 22.4 17.4 26.0
150 12.9 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

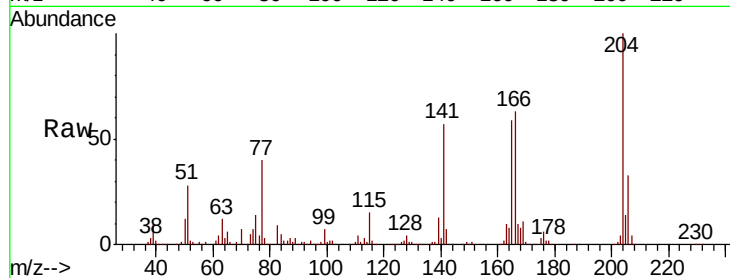




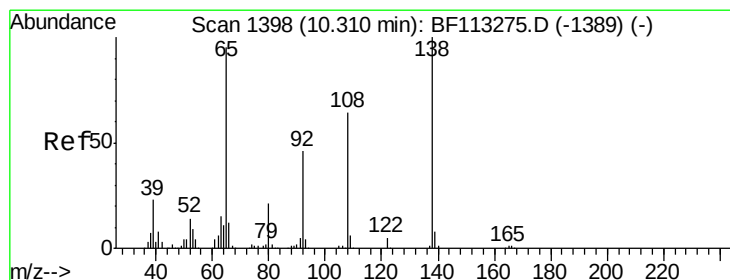
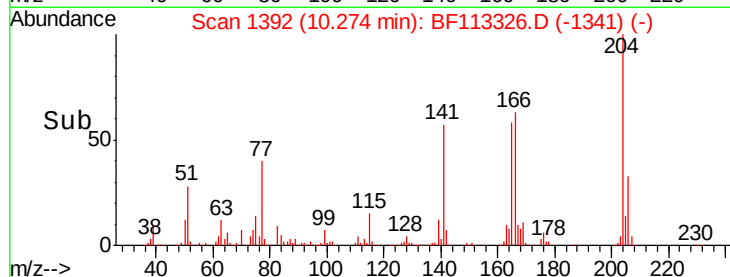
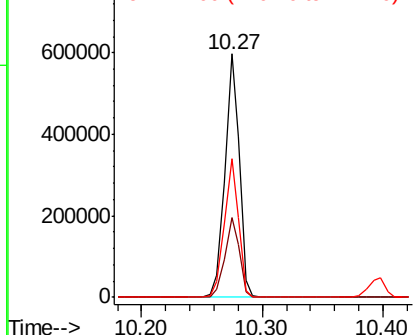
#61
4-Chlorophenyl-phenylether
Concen: 44.444 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tgt Ion:204 Resp: 489155
Ion Ratio Lower Upper
204 100
206 32.8 26.9 40.3
141 56.9 48.8 73.2

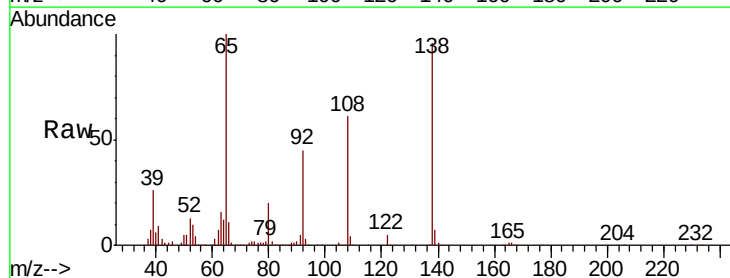


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

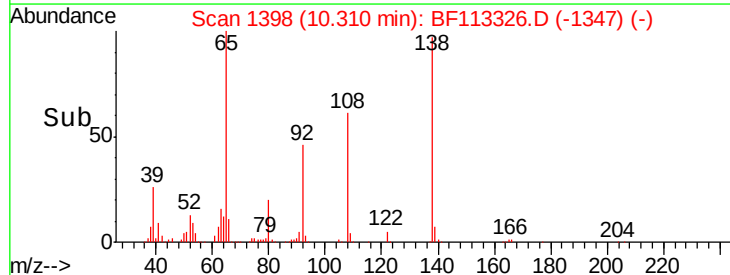
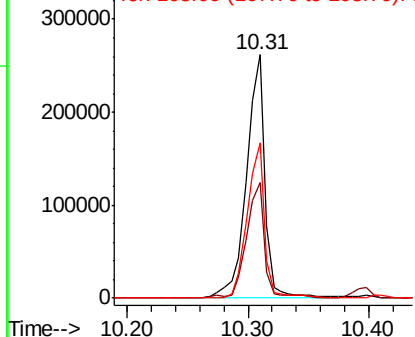


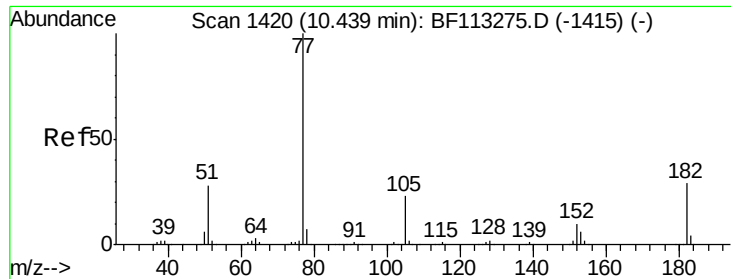
#62
4-Nitroaniline
Concen: 43.866 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion:138 Resp: 281193
Ion Ratio Lower Upper
138 100
92 47.2 25.8 65.8
108 63.8 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

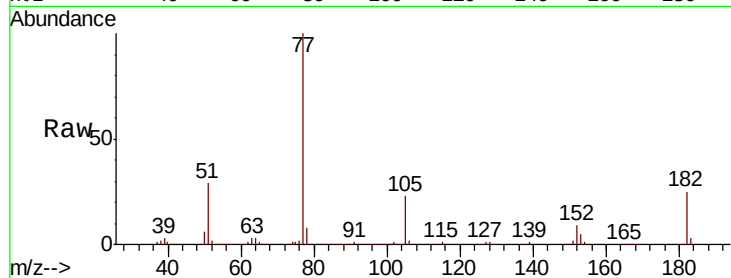




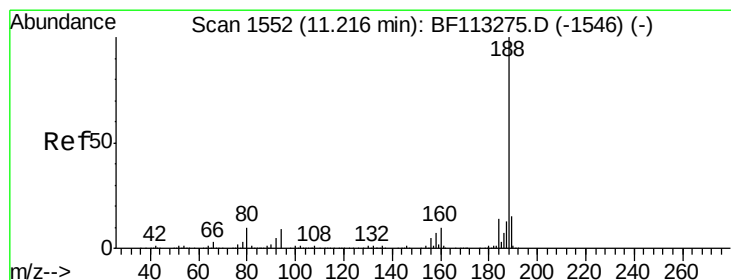
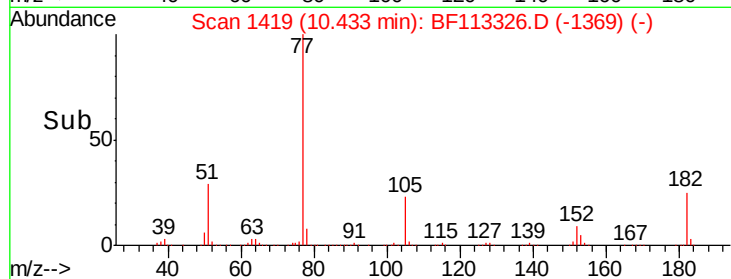
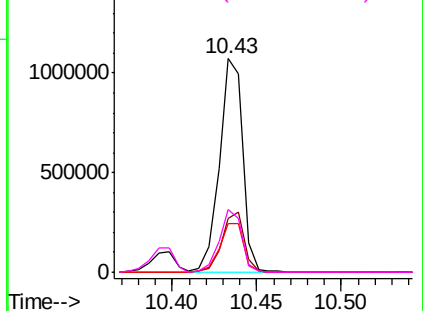
#63
Azobenzene
Concen: 45.254 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tgt Ion: 77 Resp: 1022685
Ion Ratio Lower Upper
77 100
182 25.0 8.7 48.7
105 22.8 2.9 42.9
51 29.2 8.8 48.8

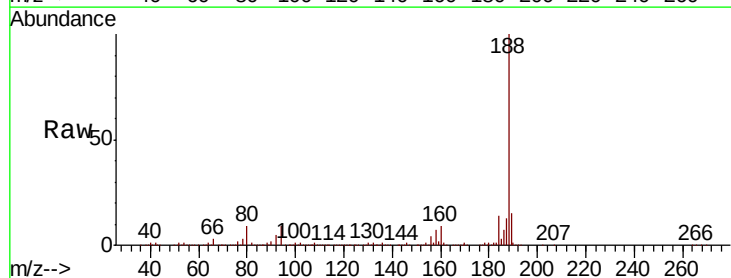


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

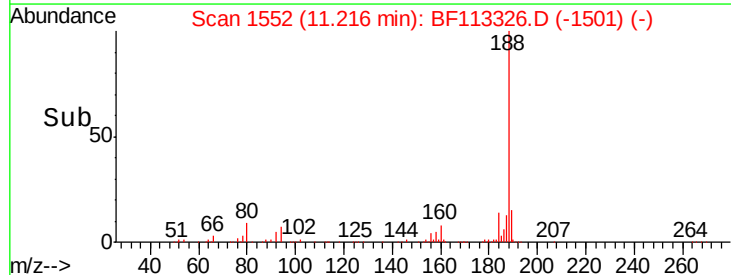
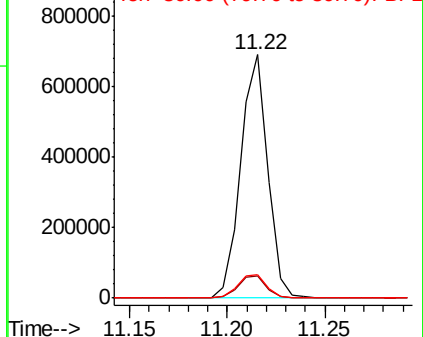


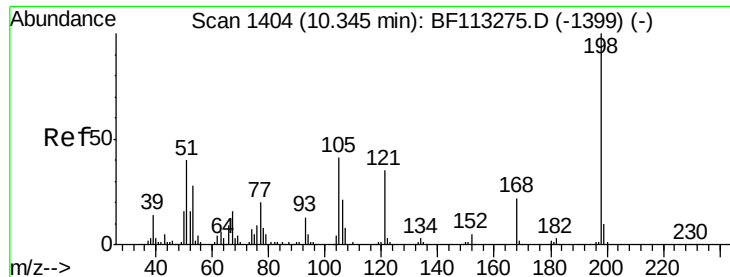
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion: 188 Resp: 661614
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.5 7.7 11.5



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

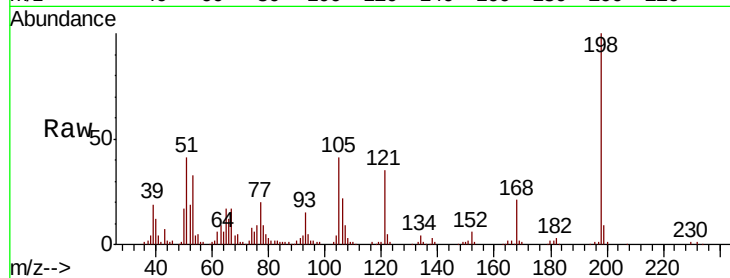




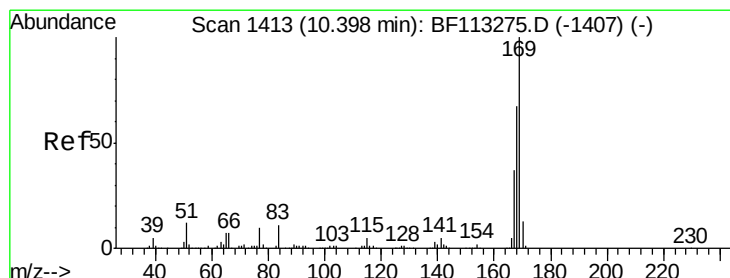
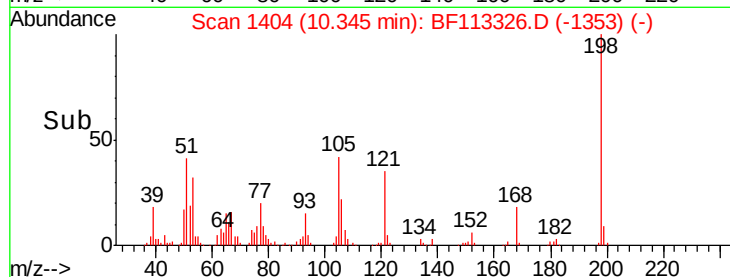
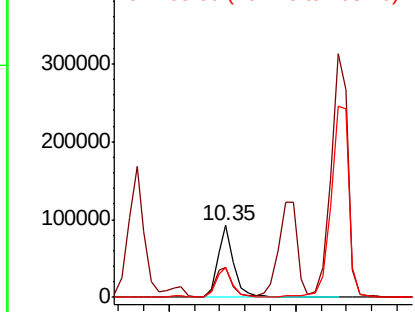
#65
4,6-Dinitro-2-methylphenol
Concen: 22.599 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tgt Ion:198 Resp: 81795
Ion Ratio Lower Upper
198 100
51 40.9 21.6 61.6
105 41.4 20.6 60.6

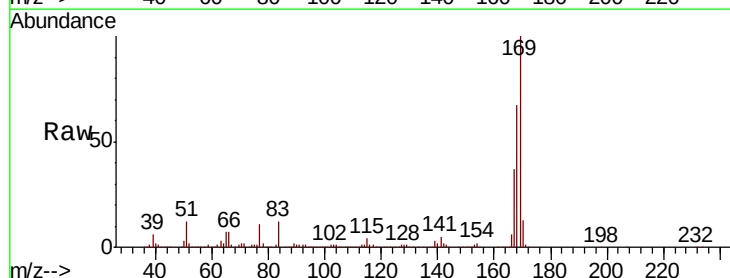


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

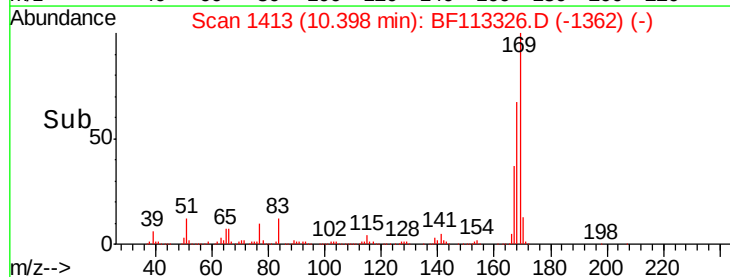
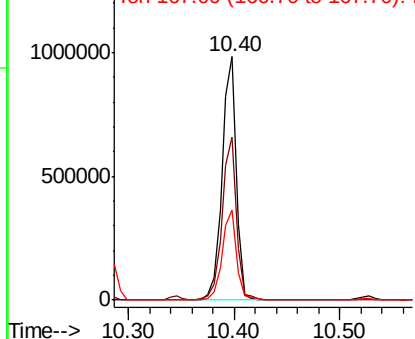


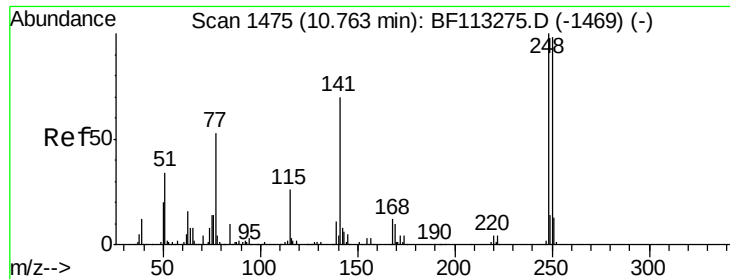
#66
n-Nitrosodiphenylamine
Concen: 45.695 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion:169 Resp: 927693
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 37.1 29.5 44.3



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

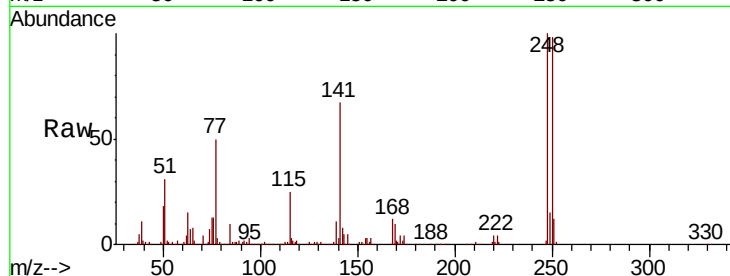




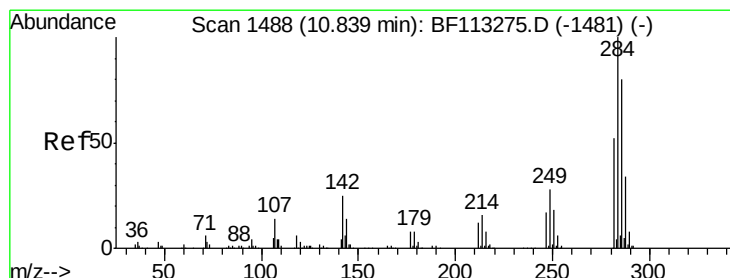
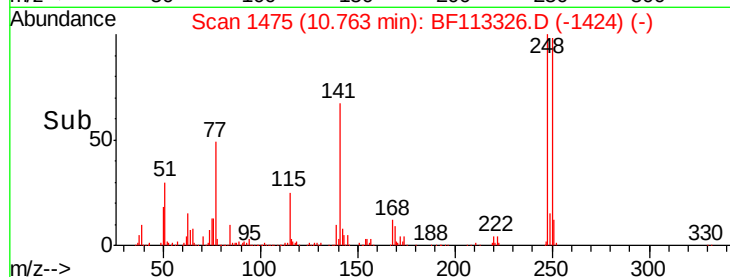
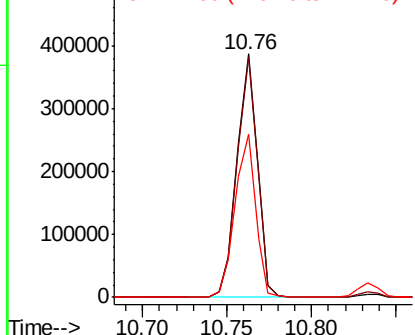
#67
4-Bromophenyl-phenylether
Concen: 45.402 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampled :
S-1MSD

Tgt Ion:248 Resp: 327397
Ion Ratio Lower Upper
248 100
250 98.3 78.3 117.5
141 67.1 56.2 84.4

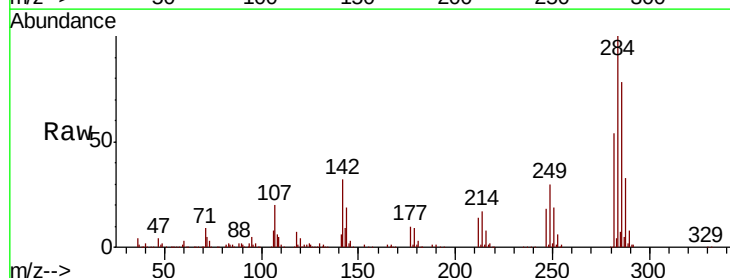


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

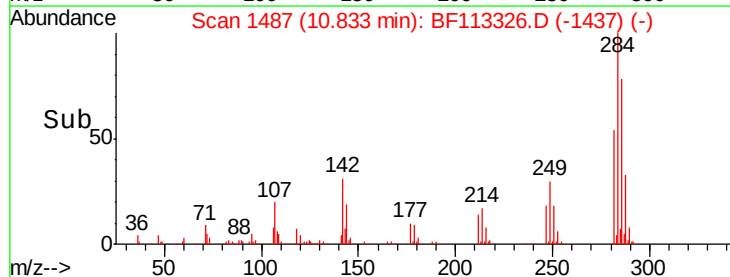
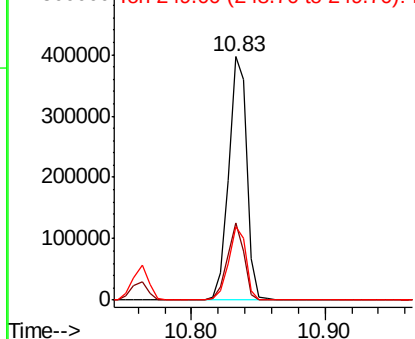


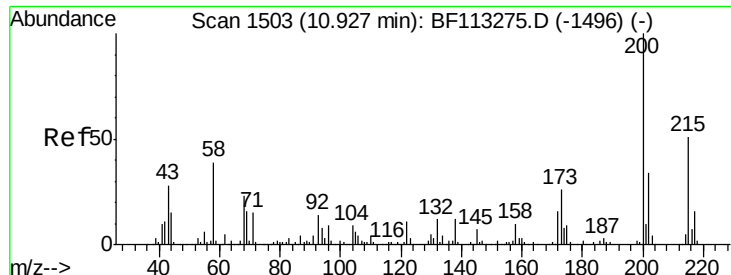
#68
Hexachlorobenzene
Concen: 45.715 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion:284 Resp: 382644
Ion Ratio Lower Upper
284 100
142 31.5 20.1 30.1#
249 29.9 22.7 34.1



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





#69

Atrazine

Concen: 47.204 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

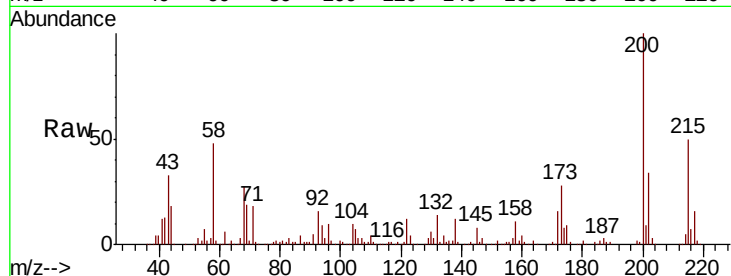
Tgt Ion:200 Resp: 302485

Ion Ratio Lower Upper

200 100

173 27.9 6.0 46.0

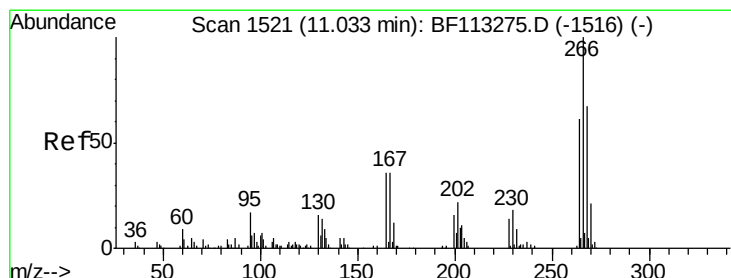
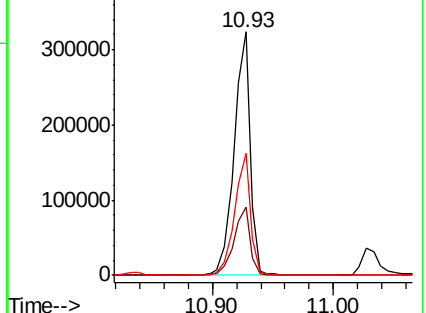
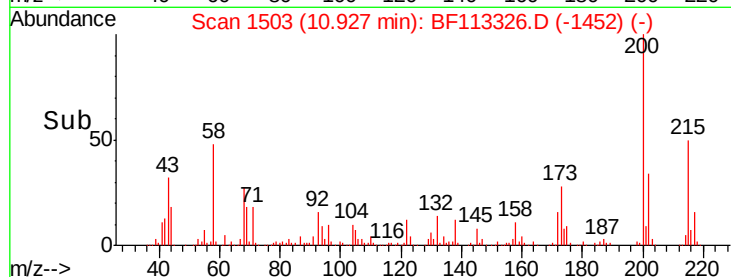
215 49.9 31.3 71.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 56.408 ng

RT: 11.03 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

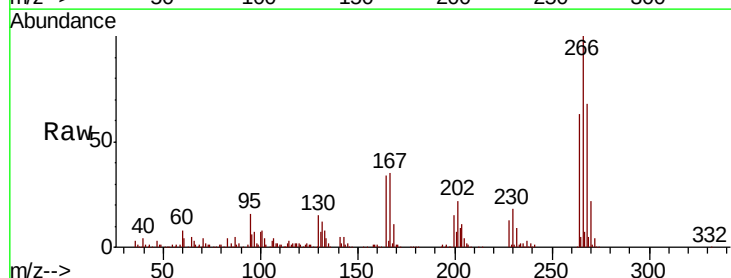
Tgt Ion:266 Resp: 245989

Ion Ratio Lower Upper

266 100

268 67.6 53.8 80.6

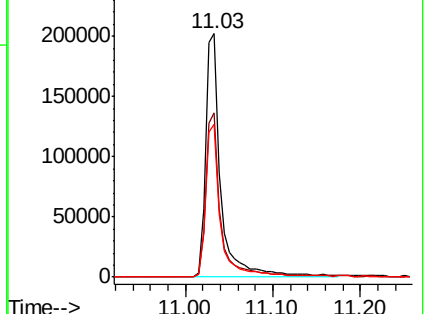
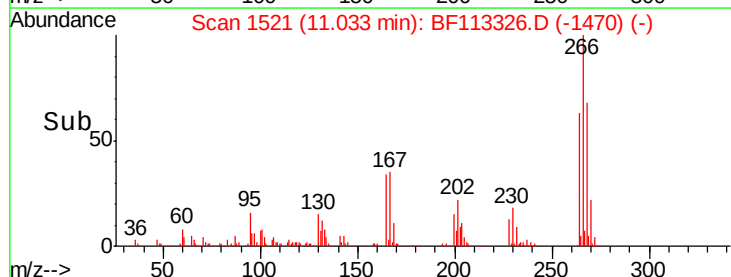
264 62.5 49.2 73.8

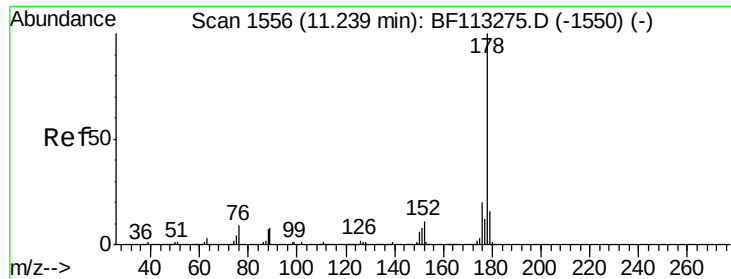


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.230 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

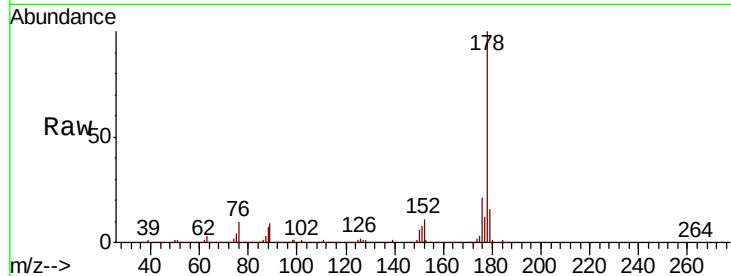
Tgt Ion:178 Resp: 1453209

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.2

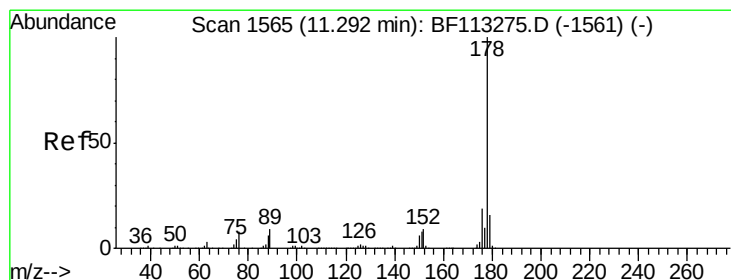
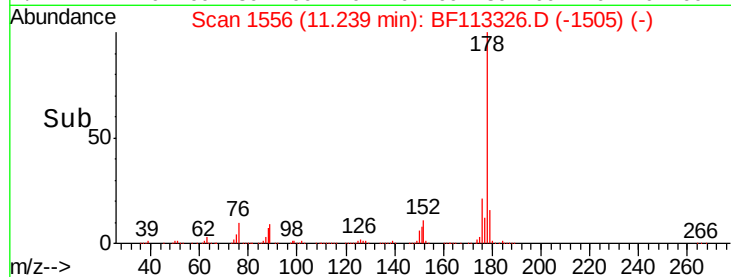
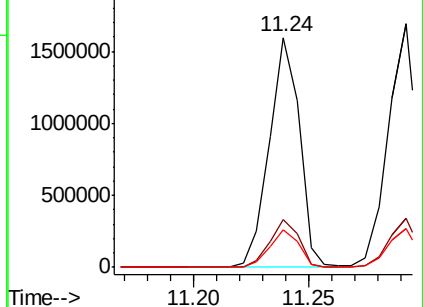
179 16.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.625 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

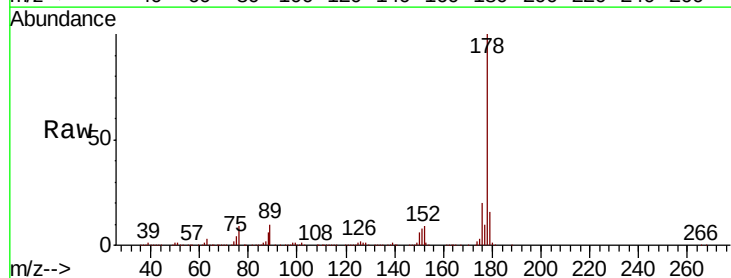
Tgt Ion:178 Resp: 1522641

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

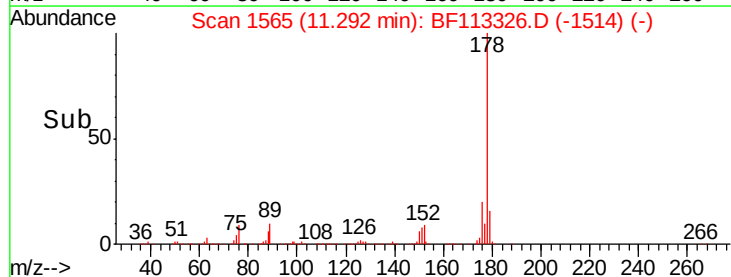
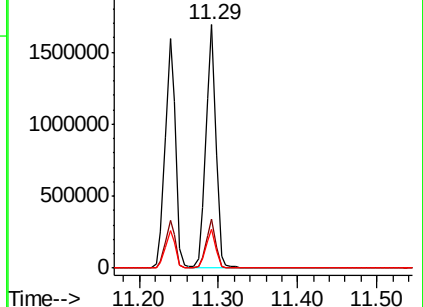
179 15.9 12.8 19.2

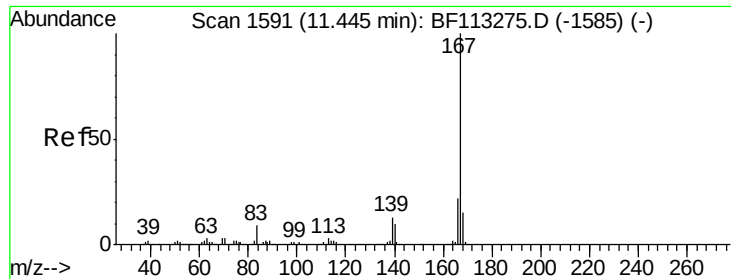


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

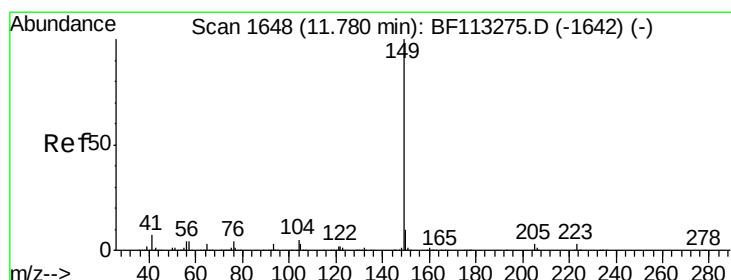
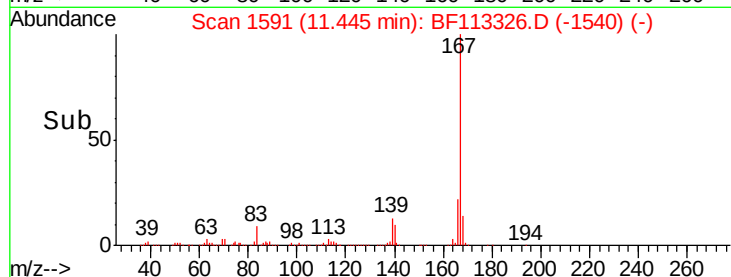
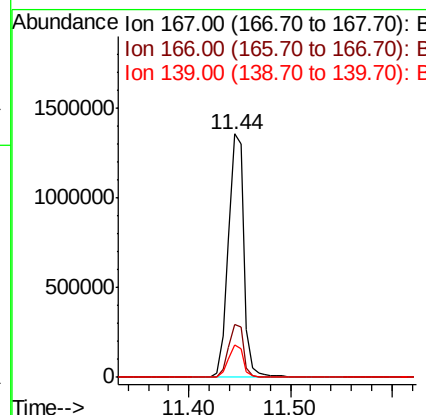
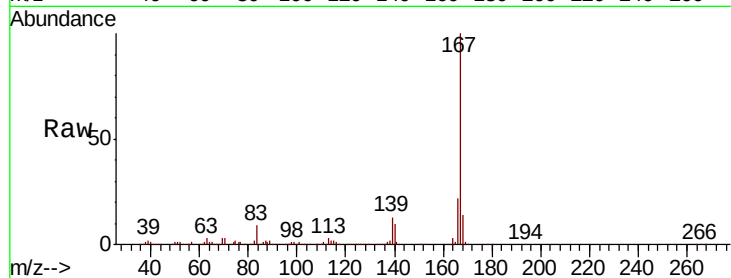




#73
 Carbazole
 Concen: 45.260 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

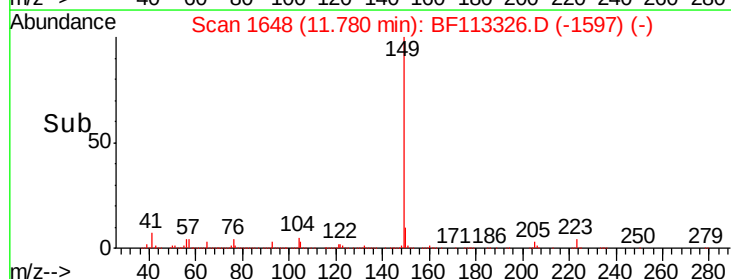
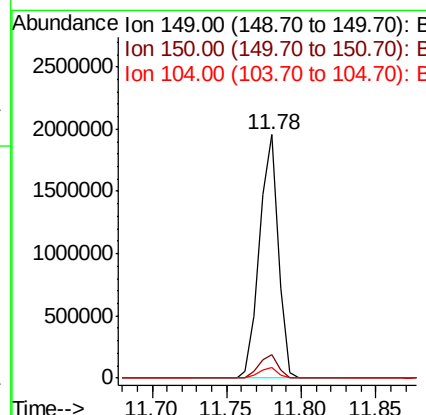
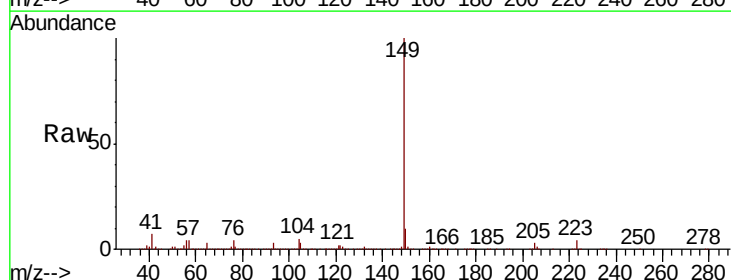
Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

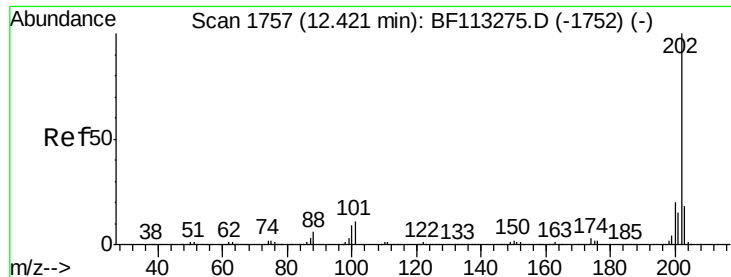
Tgt Ion:167 Resp: 1441297
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.2 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 45.658 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Tgt Ion:149 Resp: 1686091
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 4.5 3.7 5.5

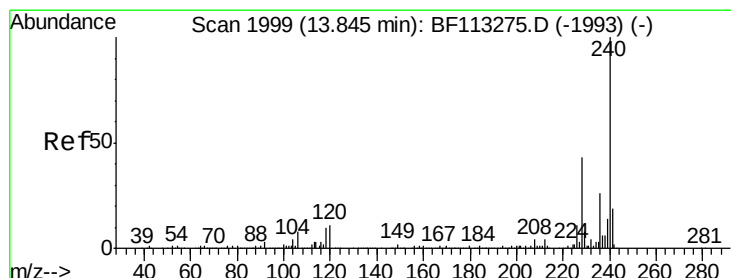
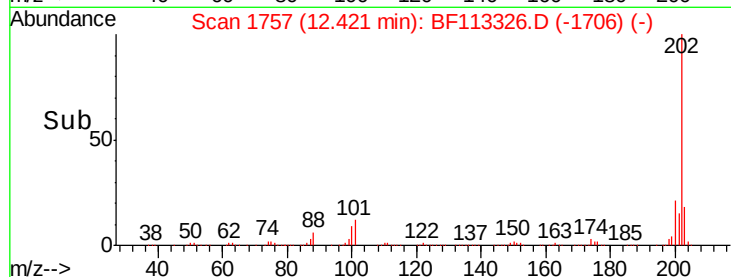
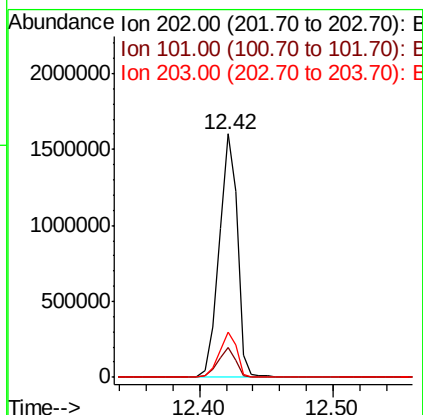
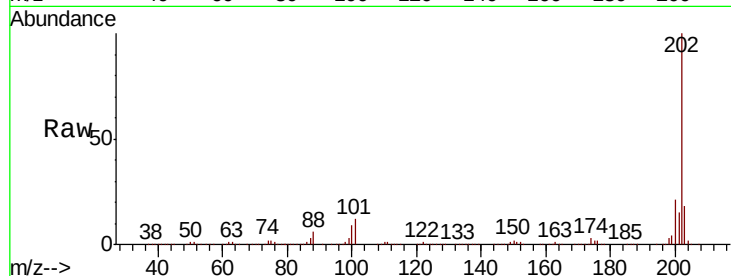




#75
 Fluoranthene
 Concen: 41.727 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

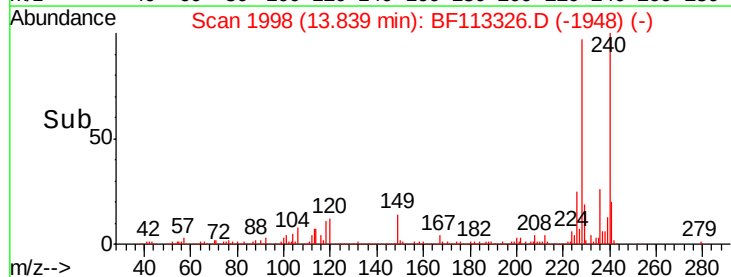
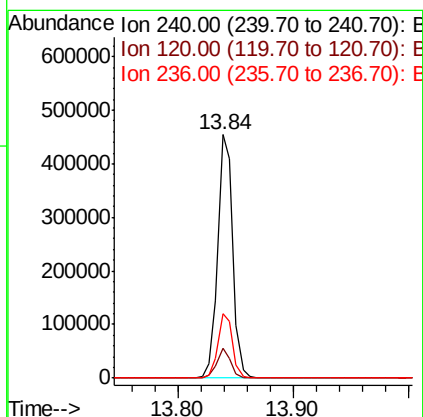
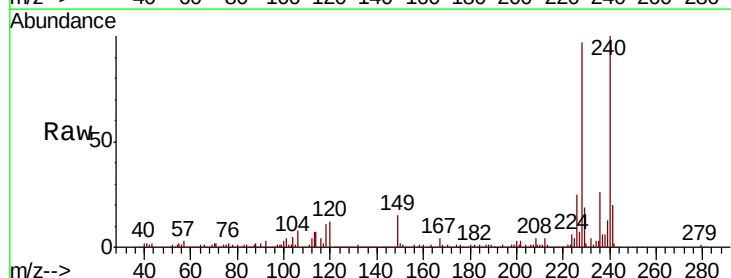
Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

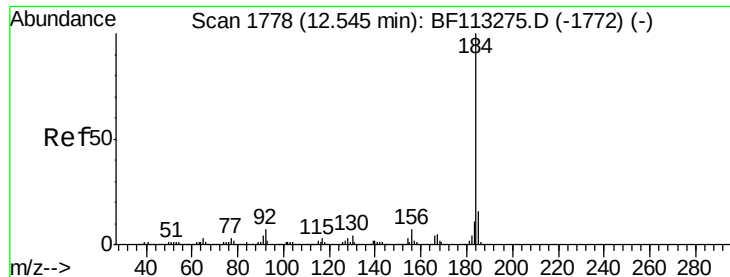
Tgt Ion: 202 Resp: 1549850
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 31.4
 203 18.5 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Tgt Ion: 240 Resp: 409322
 Ion Ratio Lower Upper
 240 100
 120 12.3 8.8 13.2
 236 26.2 20.9 31.3





#77

Benzidine

Concen: 12.226 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

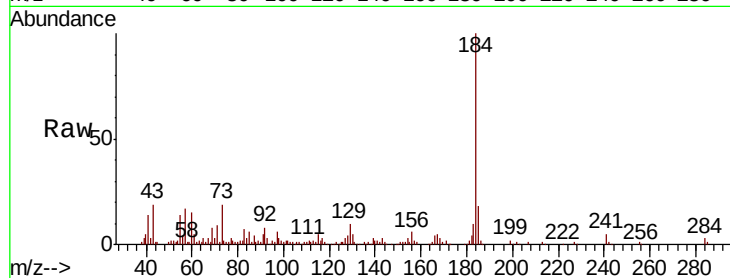
Tgt Ion:184 Resp: 191640

Ion Ratio Lower Upper

184 100

185 18.5 13.0 19.6

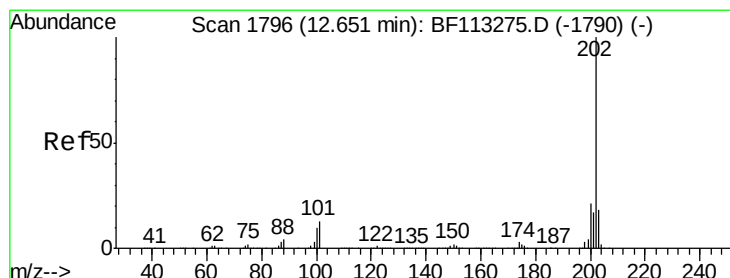
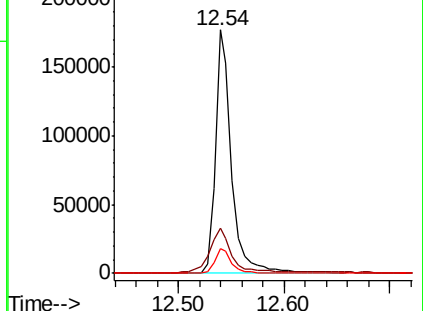
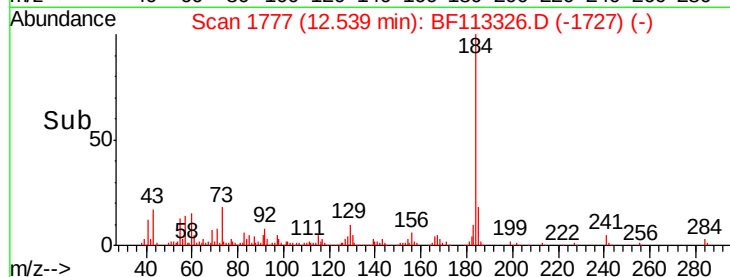
183 10.2 9.0 13.4



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: 53.870 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

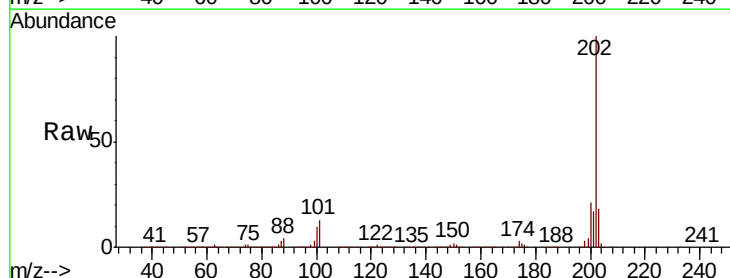
Tgt Ion:202 Resp: 1528003

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

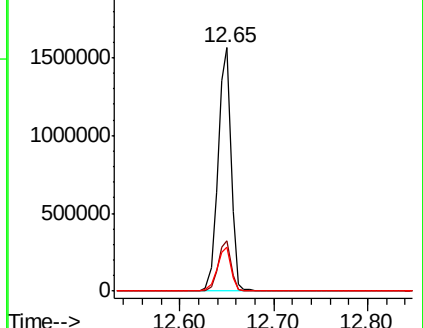
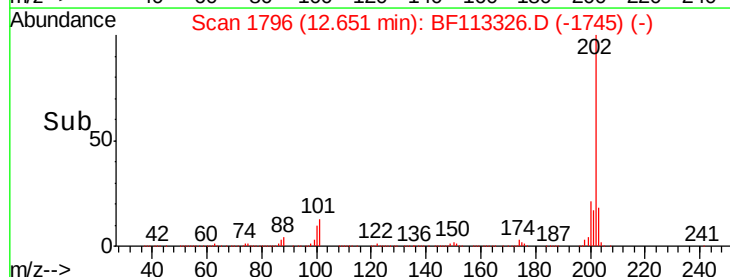
203 18.1 14.4 21.6

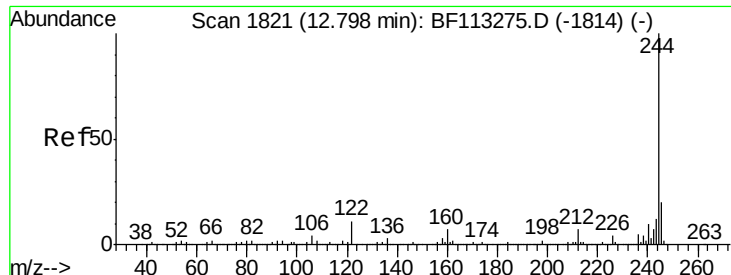


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 98.519 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

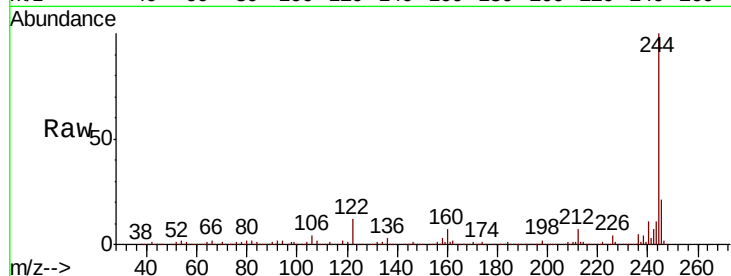
Tgt Ion:244 Resp: 1829525

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

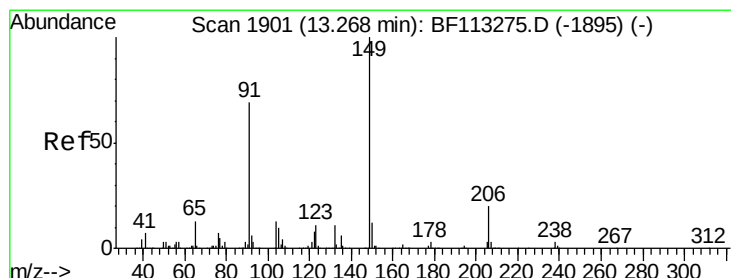
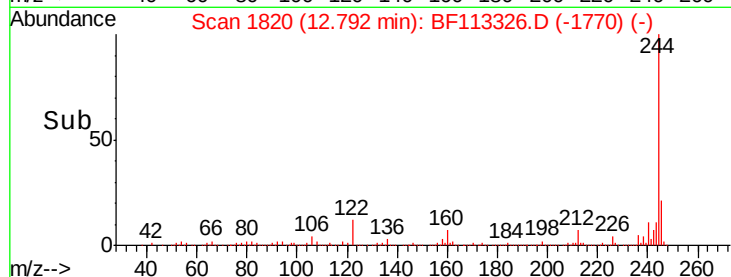
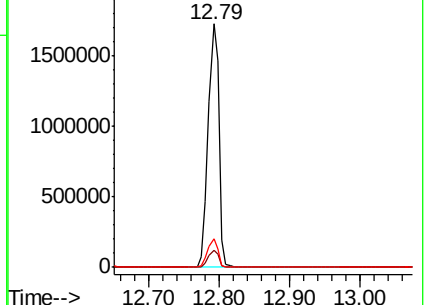
122 11.6 8.6 13.0



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: 52.584 ng

RT: 13.27 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

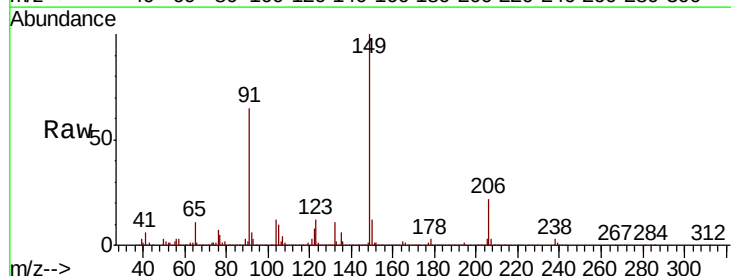
Tgt Ion:149 Resp: 657332

Ion Ratio Lower Upper

149 100

91 64.6 55.2 82.8

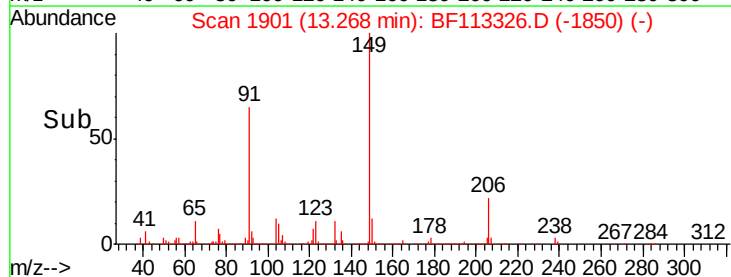
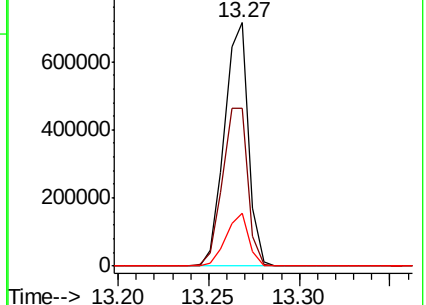
206 21.6 16.1 24.1

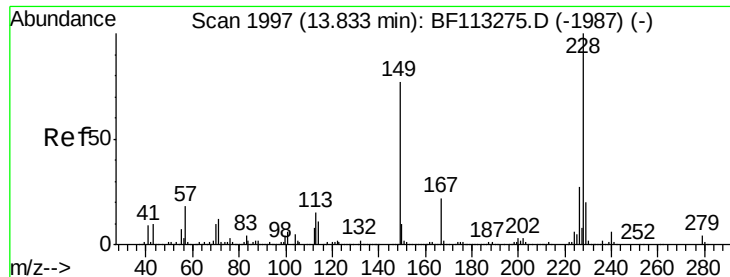


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.760 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

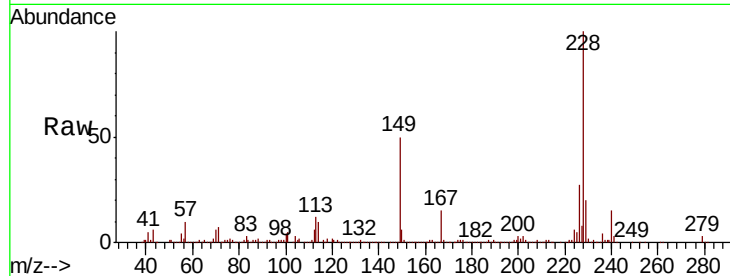
Tgt Ion:228 Resp: 1048741

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 20.0 16.2 24.4

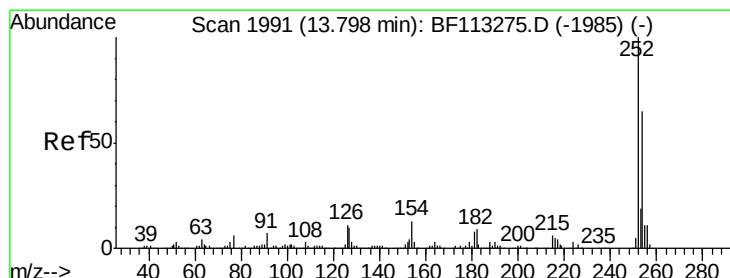
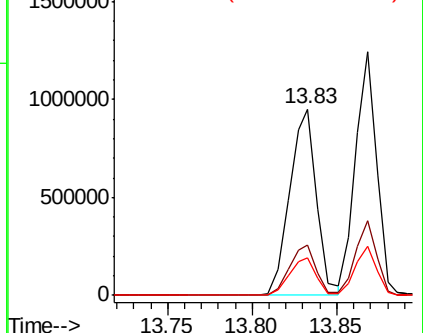
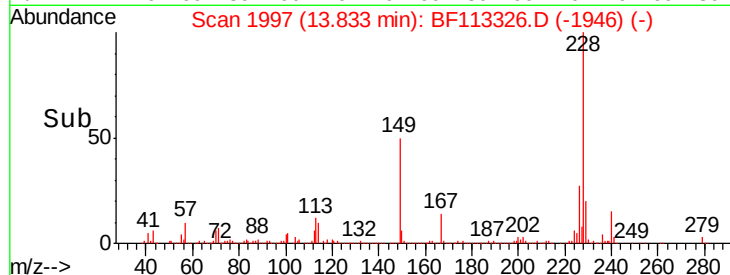


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.263 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

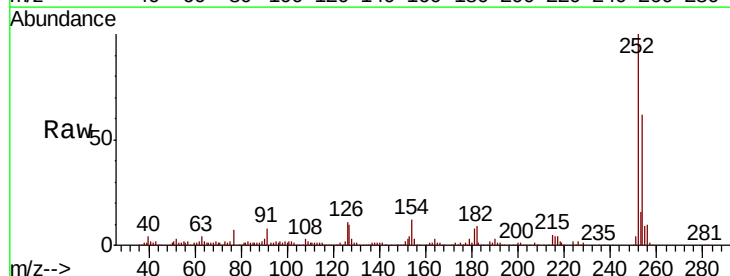
Tgt Ion:252 Resp: 209264

Ion Ratio Lower Upper

252 100

254 62.0 52.2 78.2

126 10.7 8.5 12.7

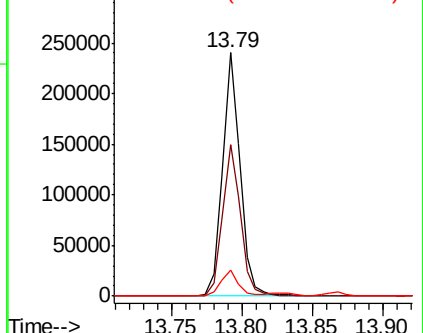
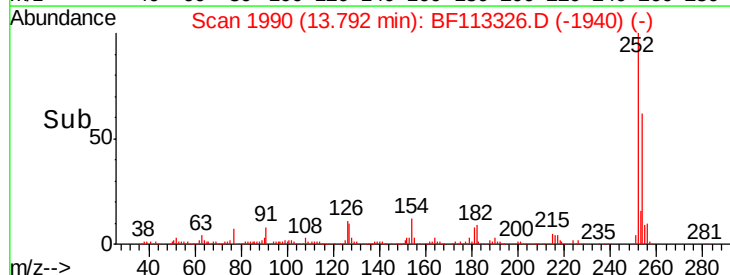


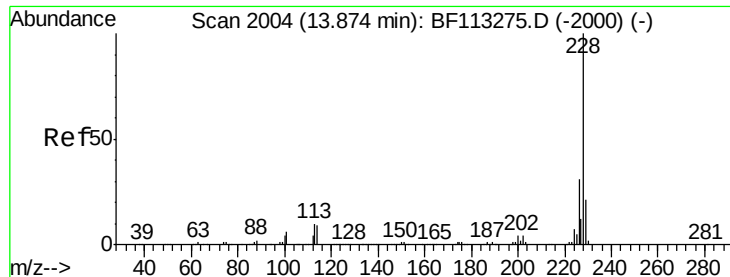
Abundance

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: 45.697 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

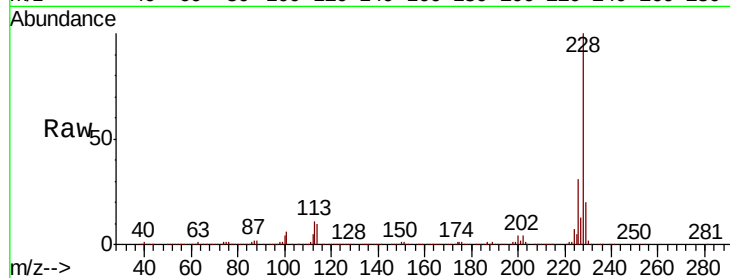
Tgt Ion:228 Resp: 1087521

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

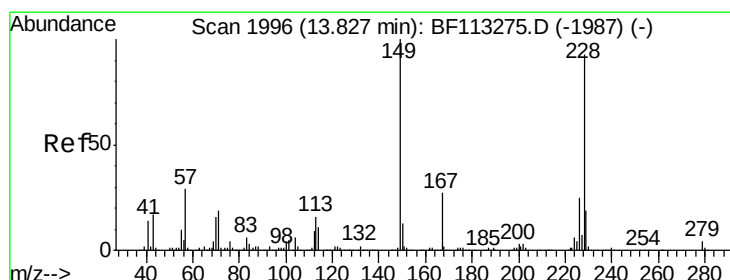
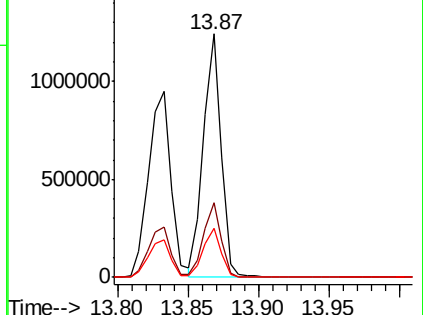
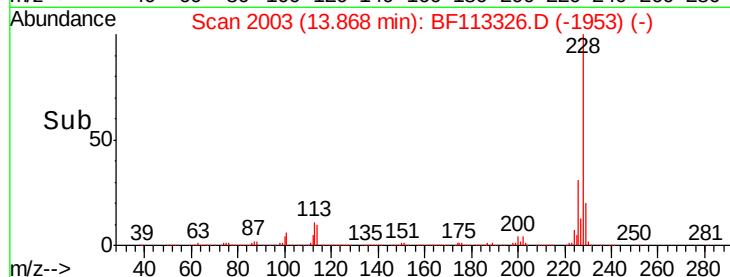
229 20.4 16.3 24.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.095 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

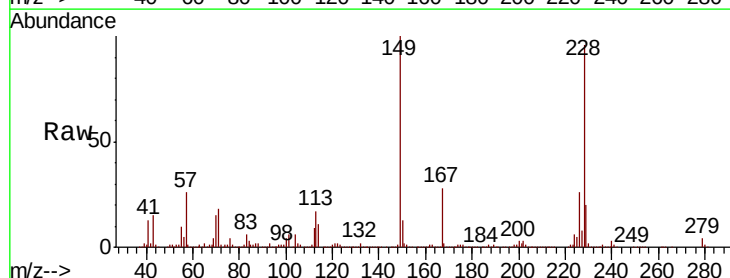
Tgt Ion:149 Resp: 767677

Ion Ratio Lower Upper

149 100

167 28.3 21.8 32.8

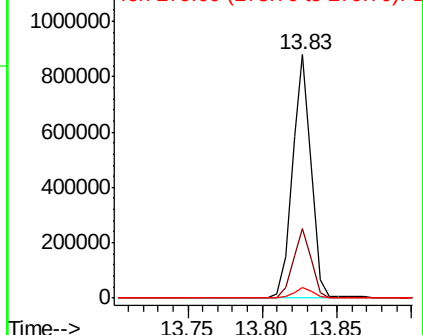
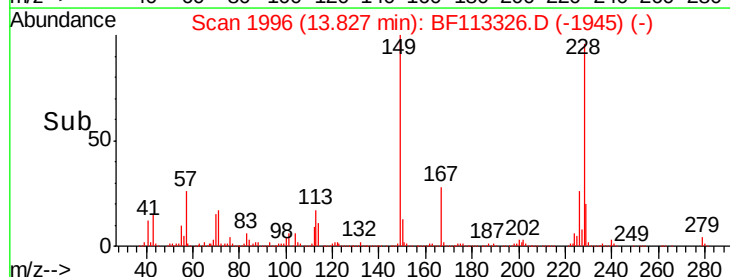
279 4.1 2.9 4.3

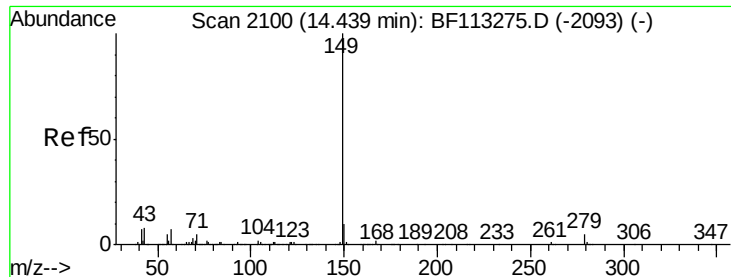


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.750 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

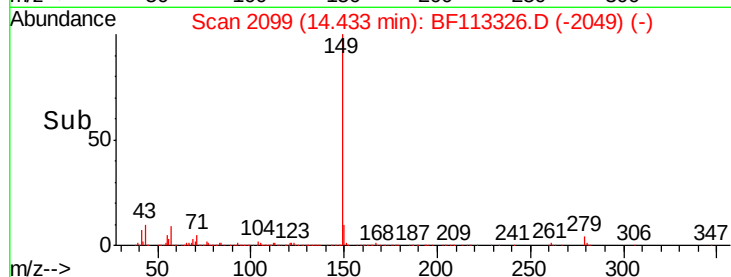
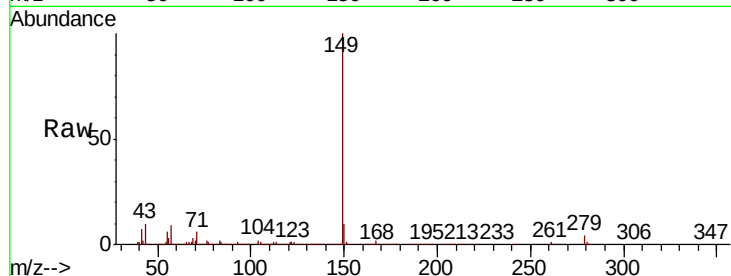
Tgt Ion:149 Resp: 1242094

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

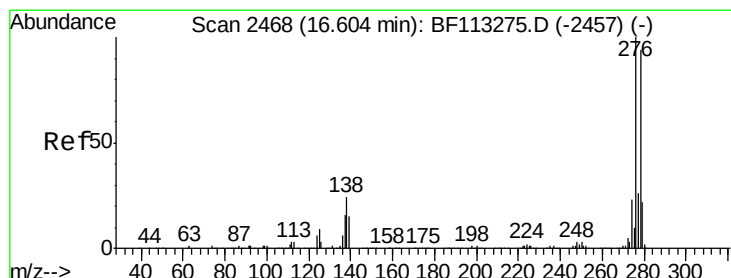
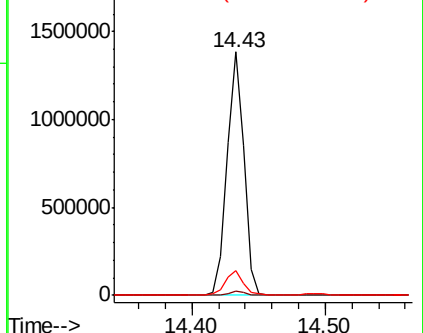
43 9.8 7.7 11.5



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: 63.215 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

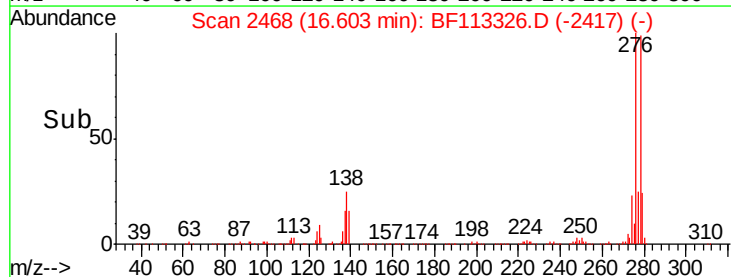
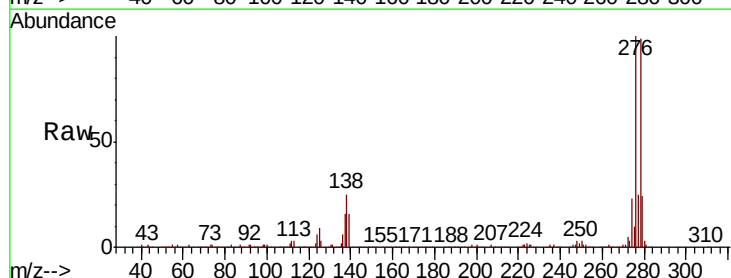
Tgt Ion:276 Resp: 1291147

Ion Ratio Lower Upper

276 100

138 23.9 18.1 27.1

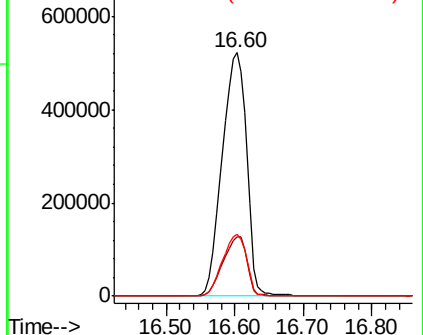
277 25.2 20.2 30.4

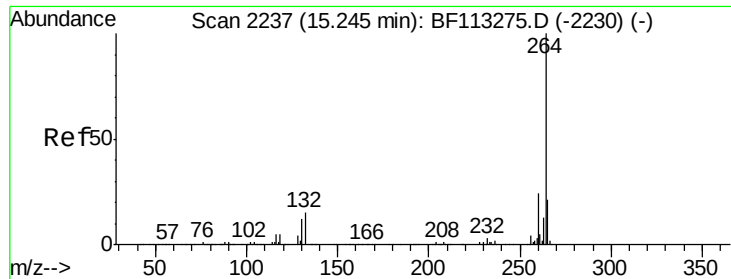


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



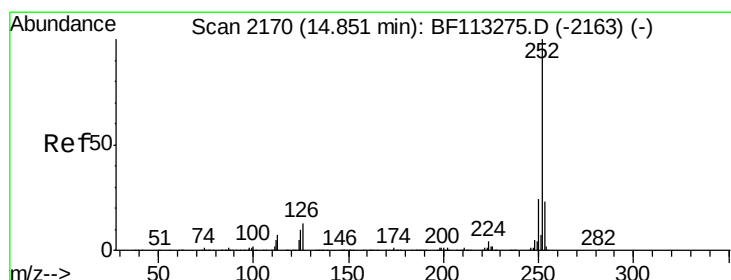
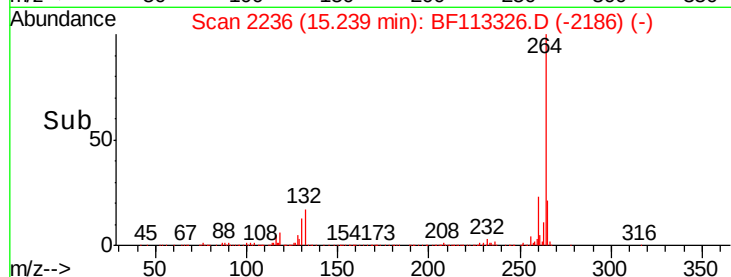
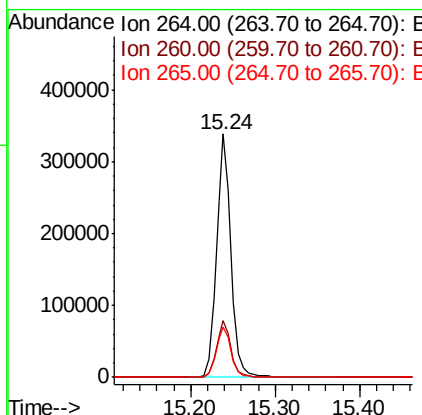
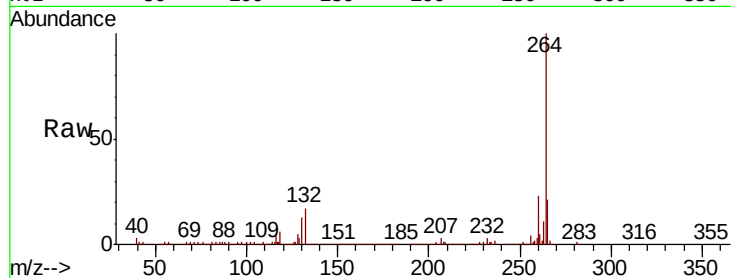


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tgt Ion:264 Resp: 408699

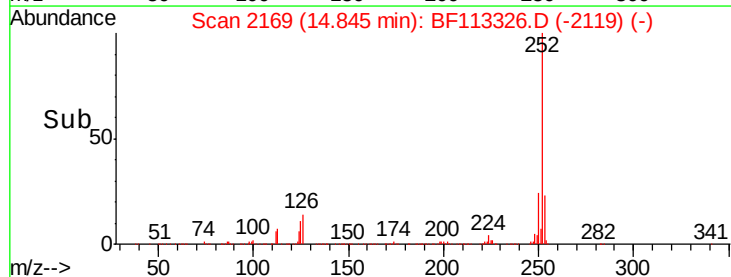
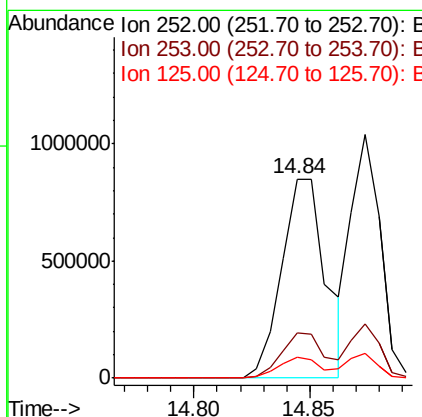
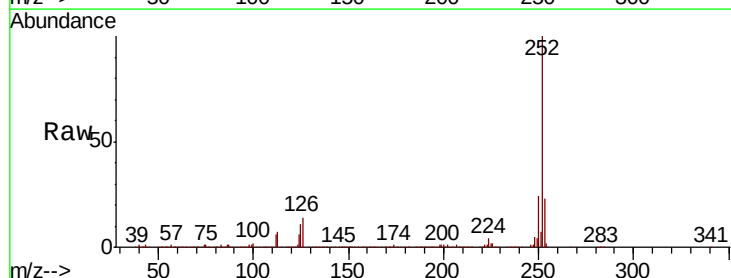
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	20.9	17.1	25.7

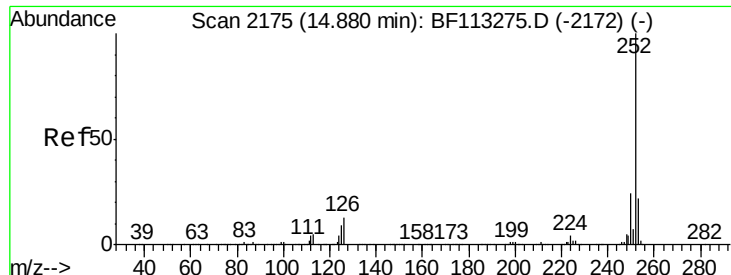


#88
Benzo(b)fluoranthene
Concen: 44.385 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion:252 Resp: 1126860

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.8	7.6	11.4

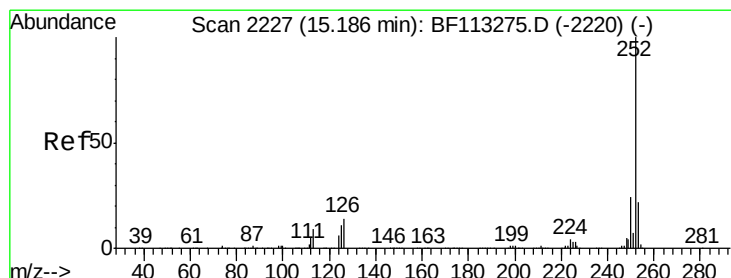
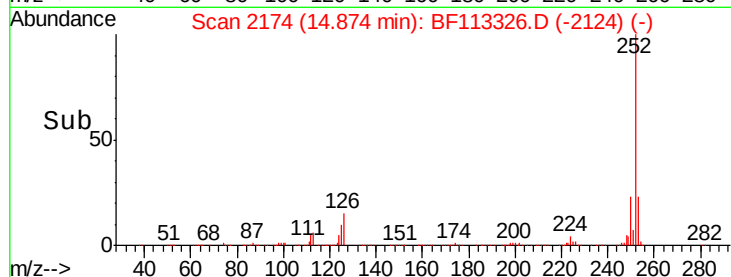
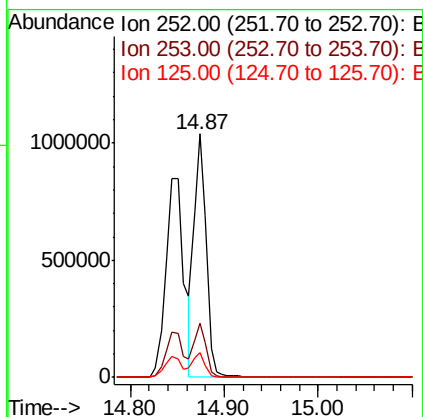
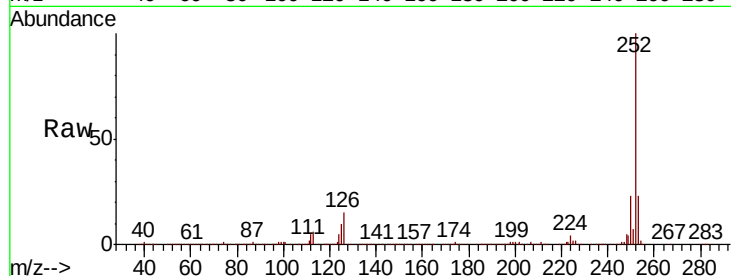




#89
Benzo(k)fluoranthene
Concen: 41.531 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

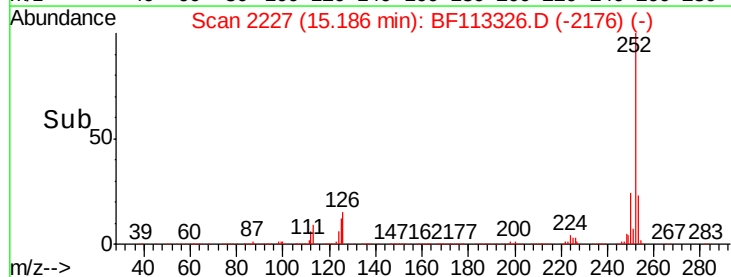
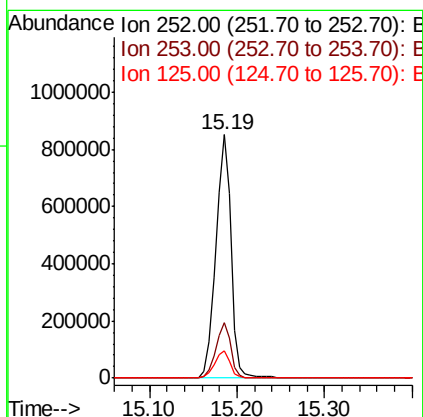
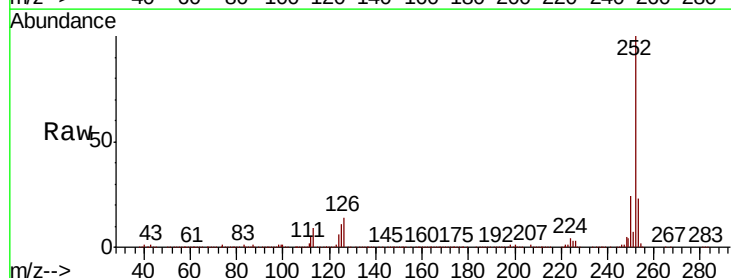
Instrument :
BNA_F
ClientSampled :
S-1MSD

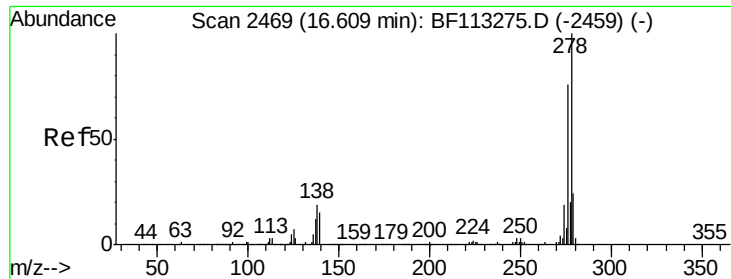
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	10.2	7.3	10.9



#90
Benzo(a)pyrene
Concen: 45.629 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	11.4	8.8	13.2





#91

Dibenzo(a,h)anthracene

Concen: 54.889 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

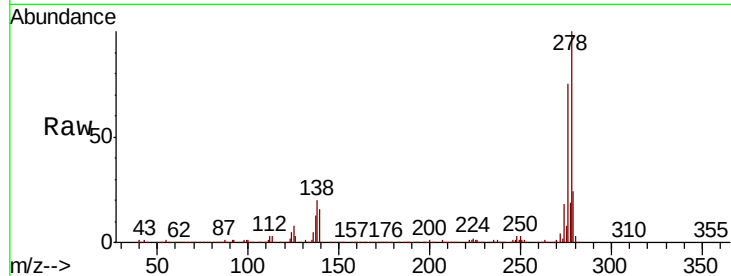
Tgt Ion:278 Resp: 1068228

Ion Ratio Lower Upper

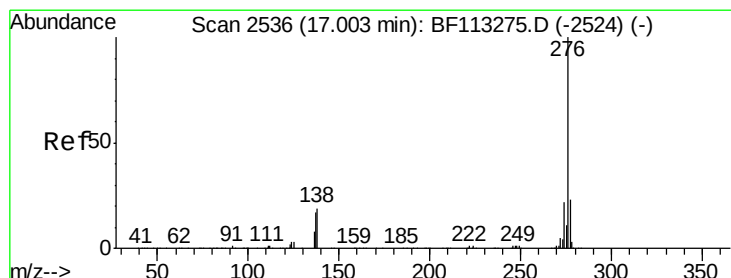
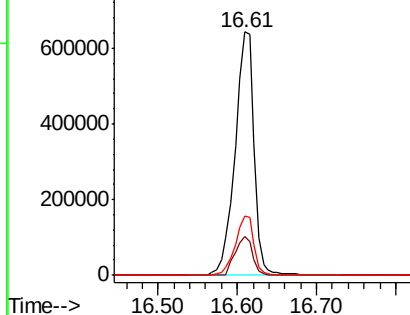
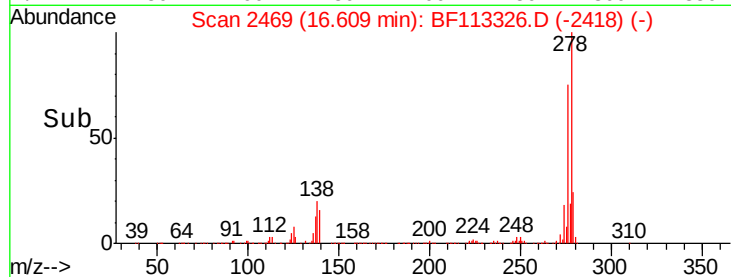
278 100

139 15.7 12.0 18.0

279 24.4 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: 57.019 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

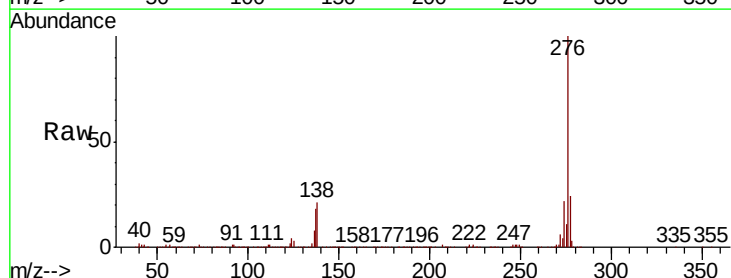
Tgt Ion:276 Resp: 1118867

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 21.0 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

