

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
 Data File : BF113381.D
 Acq On : 28 Mar 2019 18:36
 Operator : JU/SJ
 Sample : K2107-15MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8MS

Quant Time: Mar 29 02:12:05 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	171588	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	651889	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	335315	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	697304	20.00	ng	0.00
76) Chrysene-d12	13.84	240	600708	20.00	ng	0.00
87) Perylene-d12	15.24	264	561834	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	927504	88.39	ng	0.00
7) Phenol-d6	6.35	99	1216401	91.63	ng	0.00
23) Nitrobenzene-d5	7.27	82	744146	67.75	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	401745	97.00	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1420589	61.53	ng	0.00
79) Terphenyl-d14	12.79	244	1759722	64.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	123180	23.135	ng	98
3) Pyridine	3.21	79	35314	2.690	ng	94
4) n-Nitrosodimethylamine	3.03	42	137732	23.604	ng	89
6) Aniline	6.36	93	201348	12.455	ng	# 46
8) 2-Chlorophenol	6.49	128	327335	26.861	ng	95
9) Benzaldehyde	6.25	77	81104	9.104	ng	95
10) Phenol	6.36	94	395435	26.092	ng	82
11) bis(2-Chloroethyl)ether	6.44	93	314305	27.055	ng	99
12) 1,3-Dichlorobenzene	6.65	146	344475	26.224	ng	97
13) 1,4-Dichlorobenzene	6.72	146	354596	27.958	ng	100
14) 1,2-Dichlorobenzene	6.87	146	334473	26.806	ng	96
15) Benzyl Alcohol	6.85	79	254252	29.031	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	507318	29.069	ng	98
17) 2-Methylphenol	6.97	107	273166	28.603	ng	97
18) Hexachloroethane	7.21	117	125718	27.597	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	226815	27.200	ng	98
20) 3+4-Methylphenols	7.12	107	342061	28.425	ng	93
22) Acetophenone	7.11	105	448467	30.166	ng	97
24) Nitrobenzene	7.29	77	343256	29.950	ng	100
25) Isophorone	7.53	82	640901	30.111	ng	99
26) 2-Nitrophenol	7.60	139	172489	28.473	ng	92
27) 2,4-Dimethylphenol	7.65	122	303878	34.871	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	412946	30.808	ng	99
29) 2,4-Dichlorophenol	7.85	162	289716	30.679	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	307399	30.171	ng	98
31) Naphthalene	8.00	128	966726	30.347	ng	100
32) Benzoic acid	7.65	122	303878	43.320	ng	# 13
33) 4-Chloroaniline	8.06	127	270606	21.784	ng	99
34) Hexachlorobutadiene	8.13	225	180969	29.884	ng	98
35) Caprolactam	8.45	113	26721	8.816	ng	98
36) 4-Chloro-3-methylphenol	8.55	107	298483	31.424	ng	96
37) 2-Methylnaphthalene	8.70	142	661360	33.272	ng	99
38) 1-Methylnaphthalene	8.79	142	624087	32.642	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	303992	28.243	ng	99

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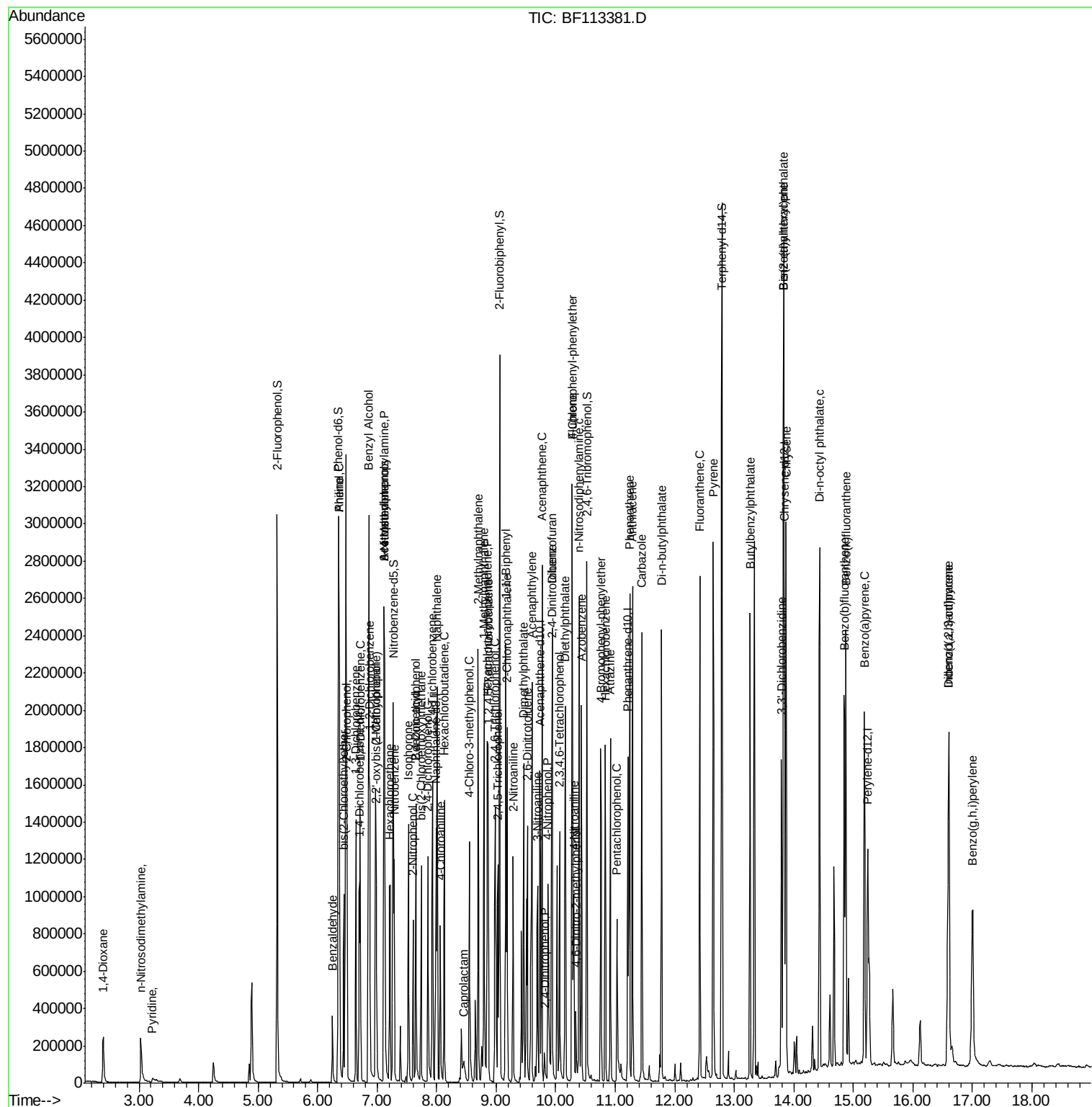
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	270449	59.362	ng	99
43) 2,4,6-Trichlorophenol	8.98	196	205111	29.263	ng	97
44) 2,4,5-Trichlorophenol	9.03	196	214661	27.673	ng	98
46) 1,1'-Biphenyl	9.16	154	817470	29.190	ng	99
47) 2-Chloronaphthalene	9.19	162	622992	28.892	ng	98
48) 2-Nitroaniline	9.28	65	196179	28.992	ng	99
49) Acenaphthylene	9.60	152	1022106	29.316	ng	99
50) Dimethylphthalate	9.46	163	841494	33.864	ng	99
51) 2,6-Dinitrotoluene	9.52	165	166927	29.777	ng	99
52) Acenaphthene	9.77	154	580349	29.558	ng	100
53) 3-Nitroaniline	9.69	138	171841	27.182	ng	96
54) 2,4-Dinitrophenol	9.81	184	30770	11.036	ng	93
55) Dibenzofuran	9.94	168	892332	30.231	ng	98
56) 4-Nitrophenol	9.87	139	225701	50.076	ng	94
57) 2,4-Dinitrotoluene	9.93	165	218796	30.690	ng	98
58) Fluorene	10.28	166	688196	30.013	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.06	232	184902	28.188	ng	99
60) Diethylphthalate	10.16	149	767009	31.464	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	349010	31.229	ng	92
62) 4-Nitroaniline	10.30	138	194267	29.846	ng	98
63) Azobenzene	10.43	77	705177	30.731	ng	98
65) 4,6-Dinitro-2-methylphenol	10.34	198	56451	14.799	ng	92
66) n-Nitrosodiphenylamine	10.39	169	632549	29.563	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	231539	30.465	ng	98
68) Hexachlorobenzene	10.83	284	263989	29.925	ng	99
69) Atrazine	10.92	200	217447	32.197	ng	97
70) Pentachlorophenol	11.03	266	157217	34.206	ng	98
71) Phenanthrene	11.24	178	1044104	30.152	ng	99
72) Anthracene	11.29	178	1101509	31.317	ng	100
73) Carbazole	11.45	167	1047696	31.216	ng	99
74) Di-n-butylphthalate	11.77	149	1299217	33.381	ng	100
75) Fluoranthene	12.42	202	1183964	30.244	ng	99
78) Pyrene	12.65	202	1224041	29.405	ng	100
80) Butylbenzylphthalate	13.26	149	584446	31.858	ng	99
81) Benzo(a)anthracene	13.83	228	988475	28.747	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	372986	27.039	ng	100
83) Chrysene	13.87	228	1036009	29.663	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	765313	34.030	ng	# 97
85) Di-n-octyl phthalate	14.43	149	1387005	36.333	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	953017	31.794	ng	98
88) Benzo(b)fluoranthene	14.84	252	1059638	30.361	ng	99
89) Benzo(k)fluoranthene	14.87	252	899250	29.340	ng	98
90) Benzo(a)pyrene	15.19	252	928505	30.009	ng	99
91) Dibenzo(a,h)anthracene	16.61	278	813179	30.395	ng	100
92) Benzo(g,h,i)perylene	17.00	276	797068	29.548	ng	99

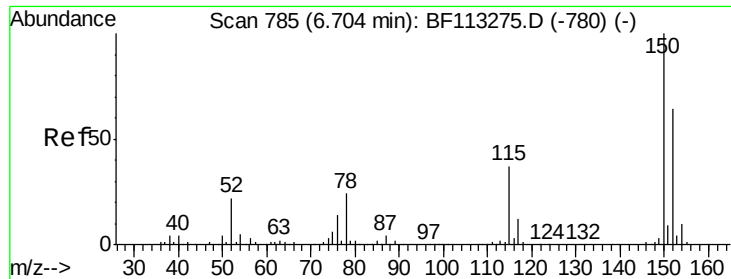
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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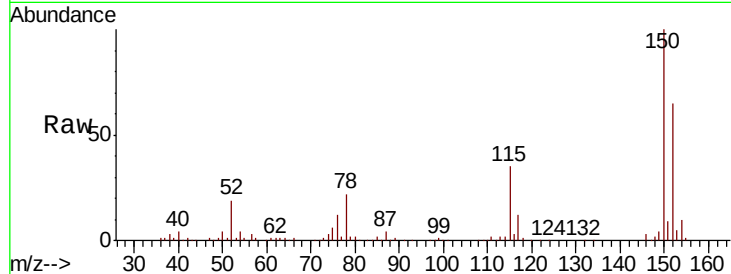


#1

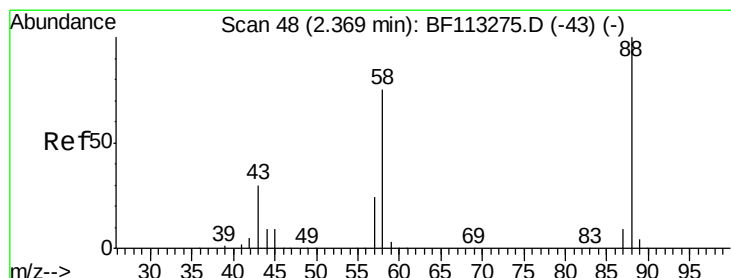
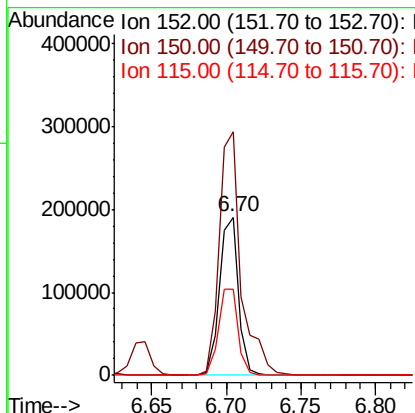
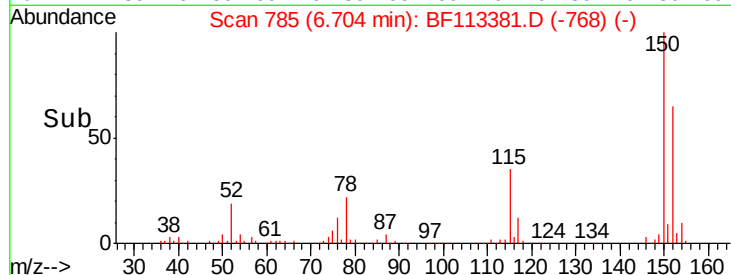
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tgt Ion: 152 Resp: 171588
Ion Ratio Lower Upper
152 100
150 154.1 124.7 187.1
115 54.7 46.0 69.0



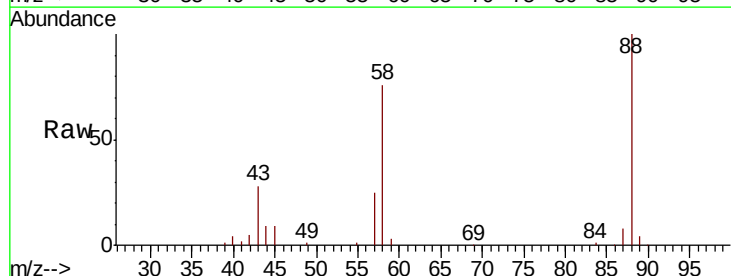
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



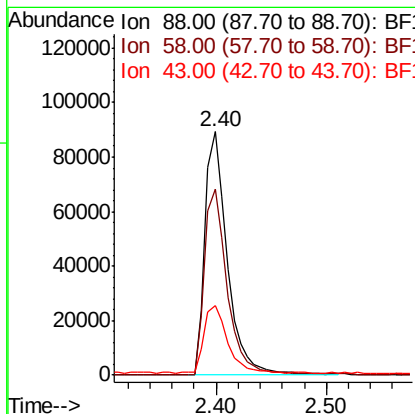
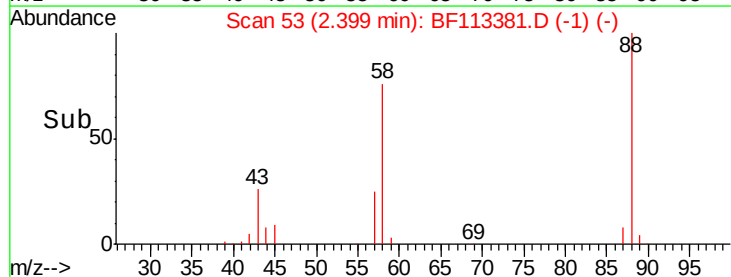
#2

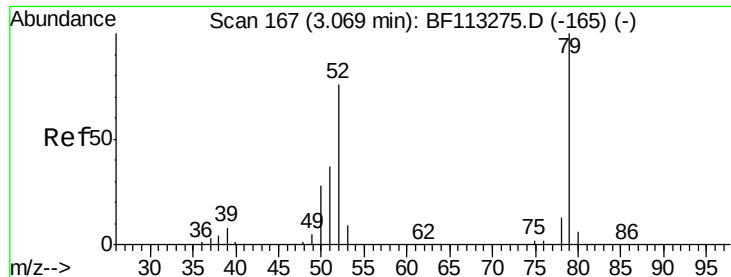
1,4-Dioxane
Concen: 23.135 ng
RT: 2.40 min Scan# 53
Delta R.T. 0.03 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion: 88 Resp: 123180
Ion Ratio Lower Upper
88 100
58 78.8 61.9 92.9
43 28.1 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: 2.690 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.14 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

ClientSampleId :

TP-8MS

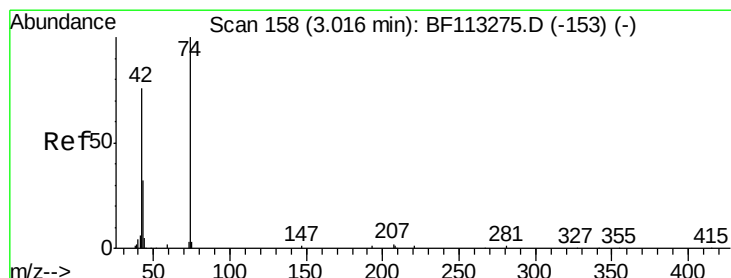
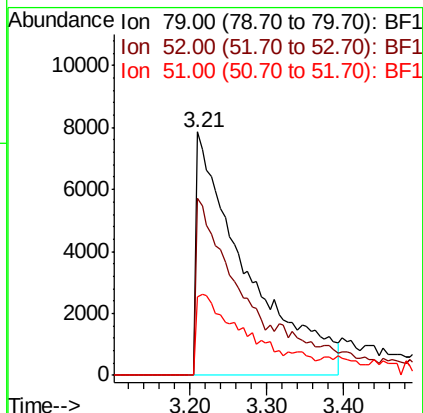
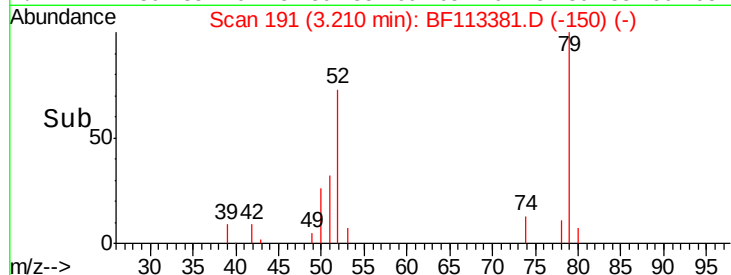
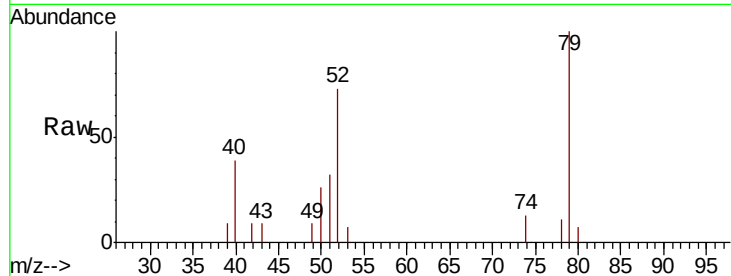
Tgt Ion: 79 Resp: 35314

Ion Ratio Lower Upper

79 100

52 72.9 61.0 91.4

51 32.1 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 23.604 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

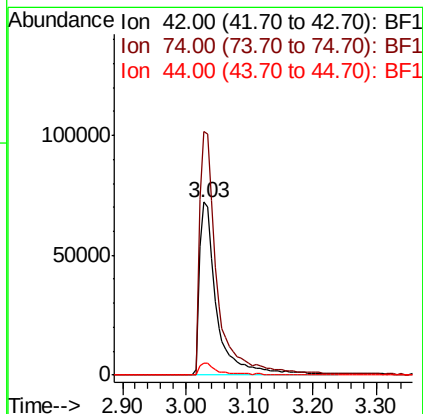
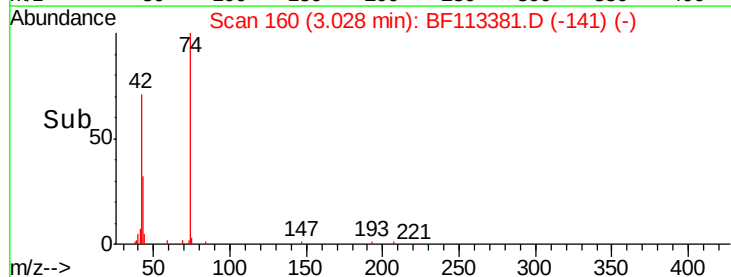
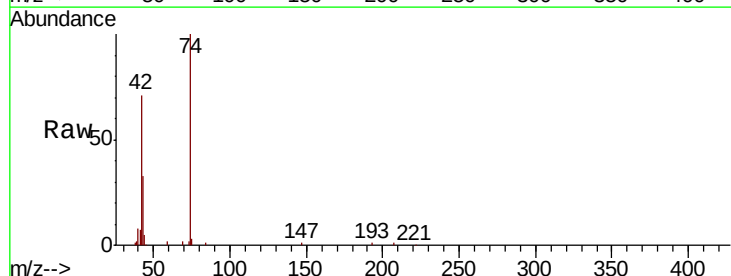
Tgt Ion: 42 Resp: 137732

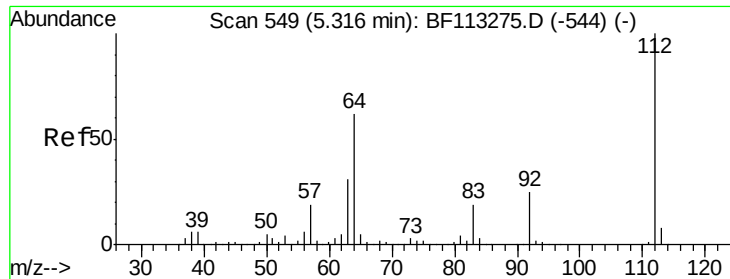
Ion Ratio Lower Upper

42 100

74 141.0 102.4 153.6

44 6.8 5.5 8.3





#5

2-Fluorophenol

Concen: 88.385 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

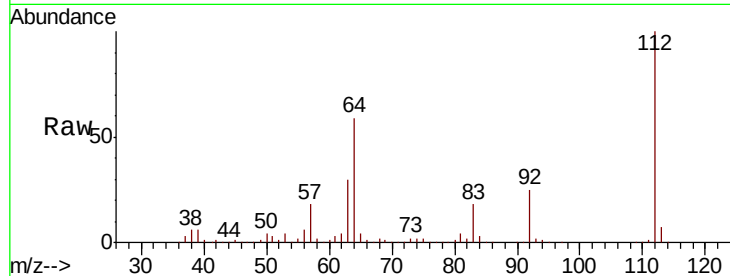
Instrument :

BNA_F

ClientSampleId :

TP-8MS

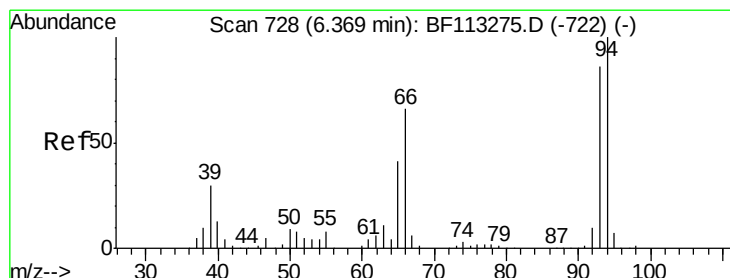
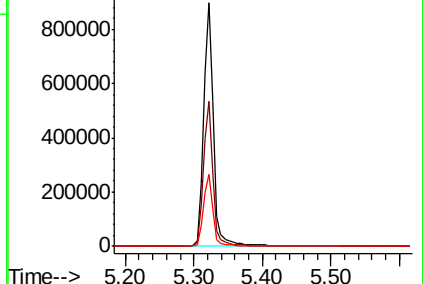
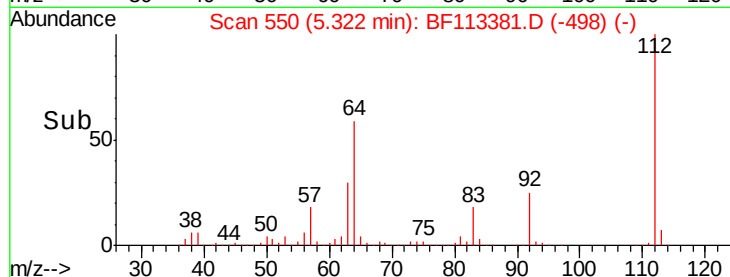
Tgt Ion:	112	Resp:	927504
Ion	Ratio	Lower	Upper
112	100		
64	59.4	49.2	73.8
63	29.6	24.9	37.3



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: 12.455 ng

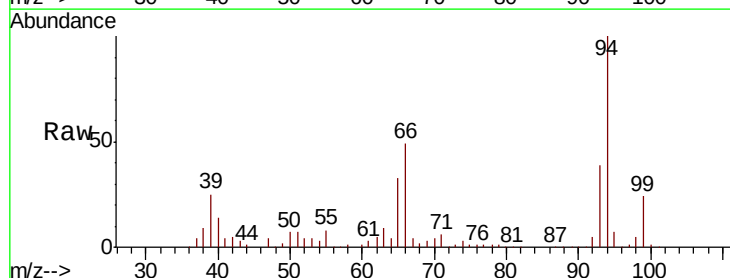
RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

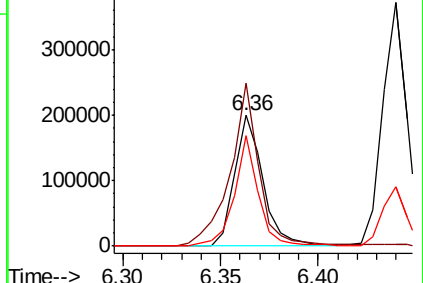
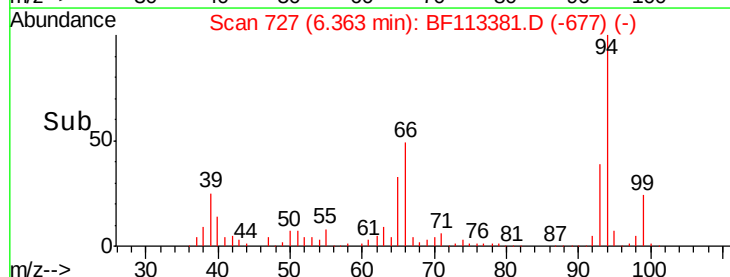
Tgt Ion:	93	Resp:	201348
Ion	Ratio	Lower	Upper
93	100		
66	124.8	62.1	93.1#
65	84.2	38.7	58.1#

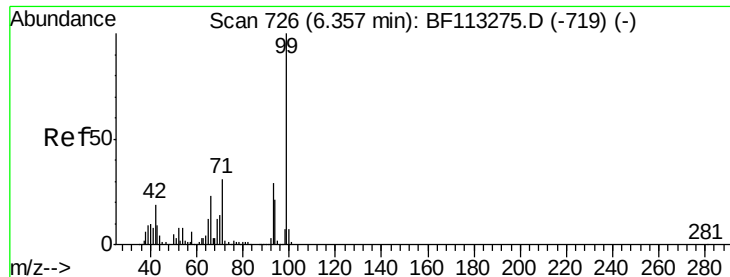


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.629 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

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ClientSampled :

TP-8MS

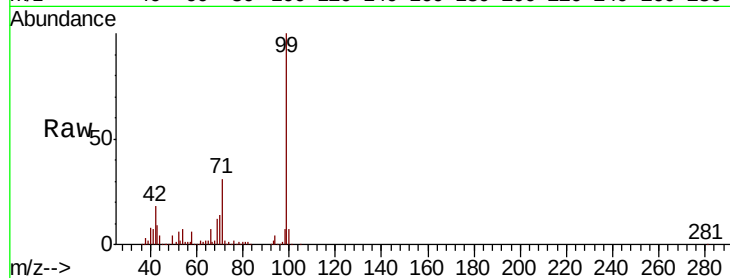
Tgt Ion: 99 Resp: 1216401

Ion Ratio Lower Upper

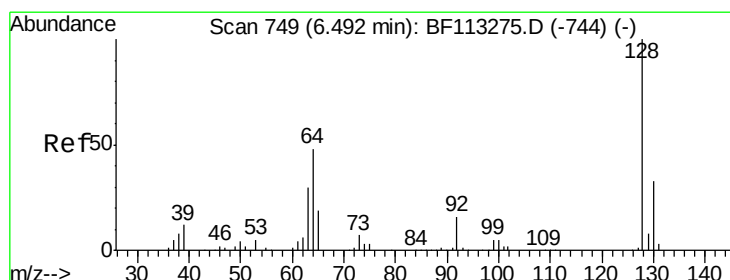
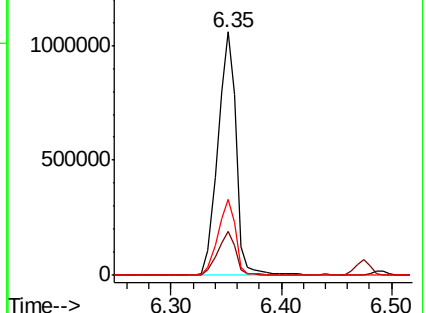
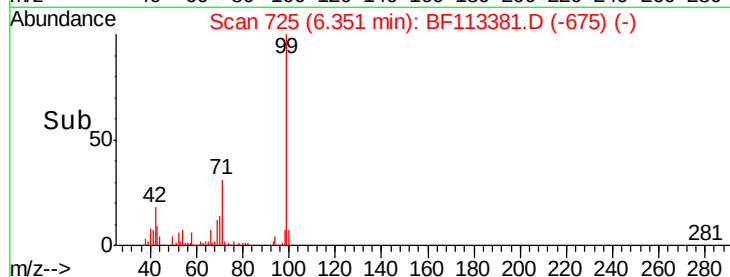
99 100

42 17.8 14.8 22.2

71 31.2 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: 26.861 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

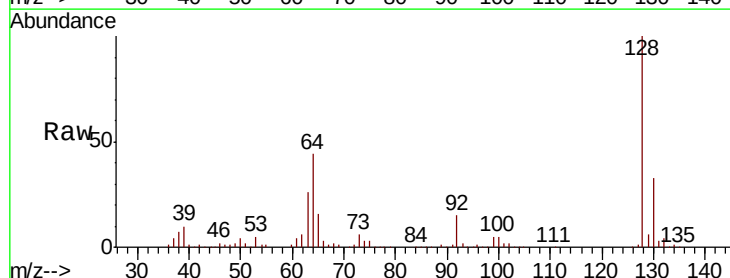
Tgt Ion: 128 Resp: 327335

Ion Ratio Lower Upper

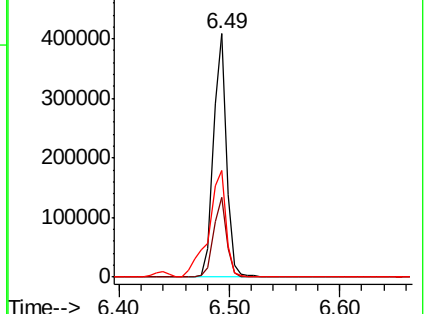
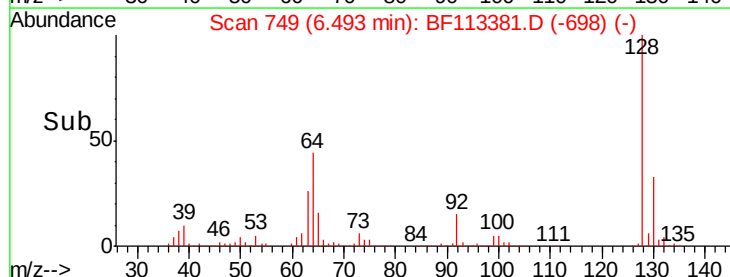
128 100

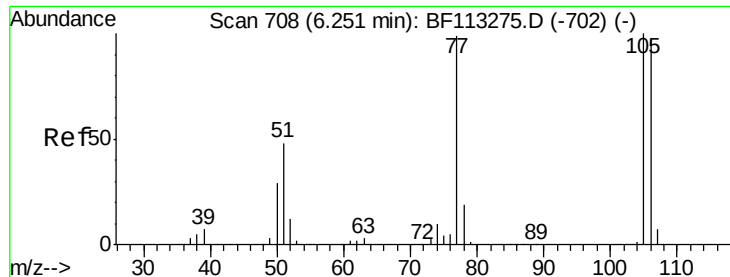
130 32.8 12.6 52.6

64 43.8 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: 9.104 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

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TP-8MS

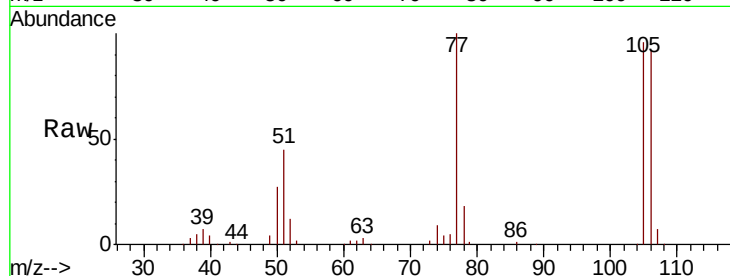
Tgt Ion: 77 Resp: 81104

Ion Ratio Lower Upper

77 100

105 95.9 80.9 120.9

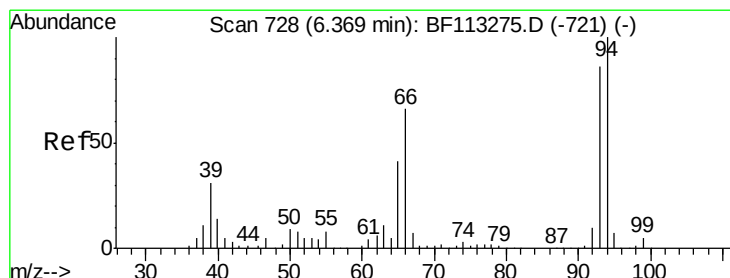
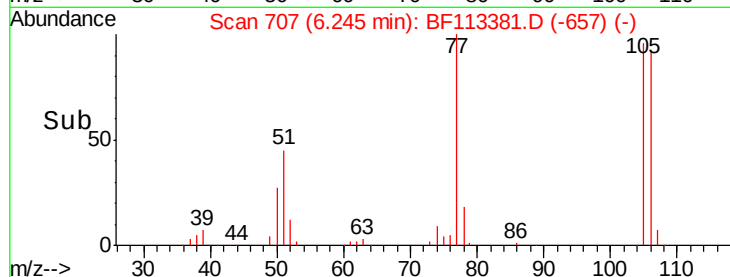
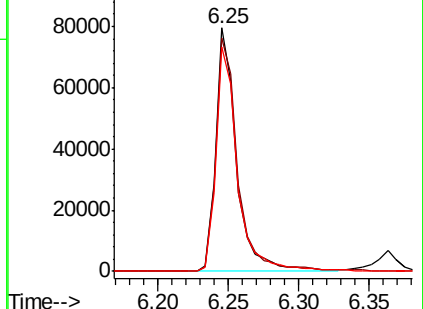
106 92.2 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 26.092 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

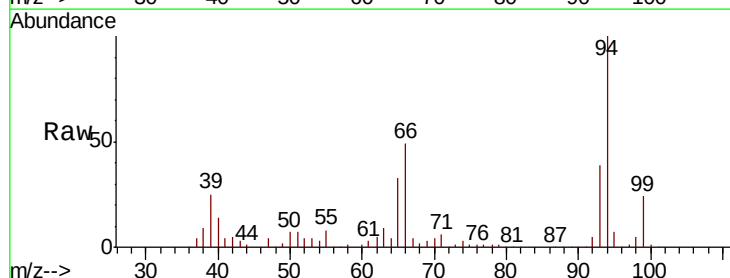
Tgt Ion: 94 Resp: 395435

Ion Ratio Lower Upper

94 100

65 33.2 21.4 61.4

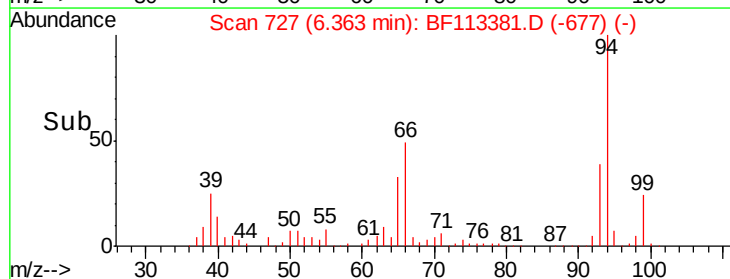
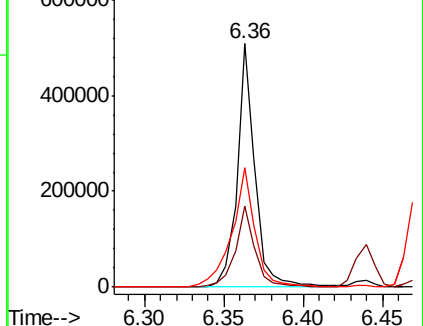
66 49.1 46.4 86.4

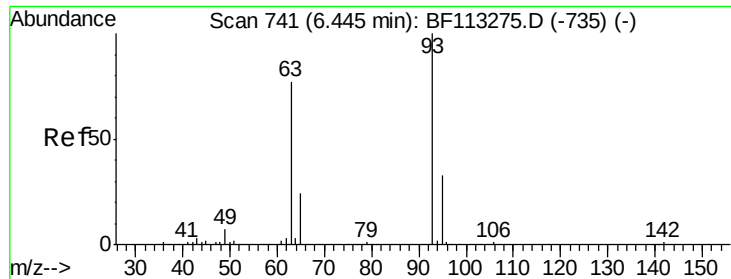


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 27.055 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

ClientSampleId :

TP-8MS

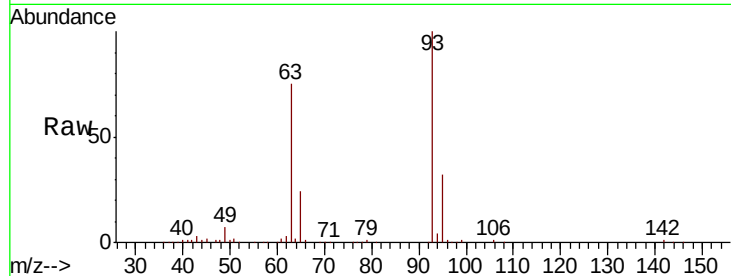
Tgt Ion: 93 Resp: 314305

Ion Ratio Lower Upper

93 100

63 75.0 56.1 96.1

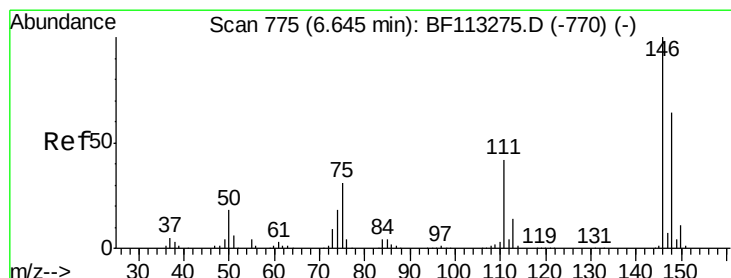
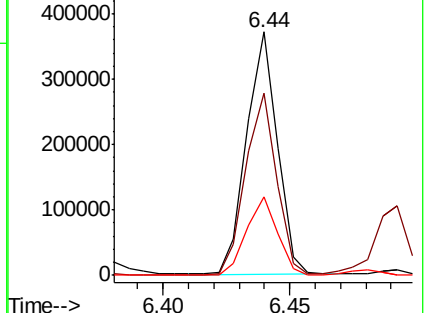
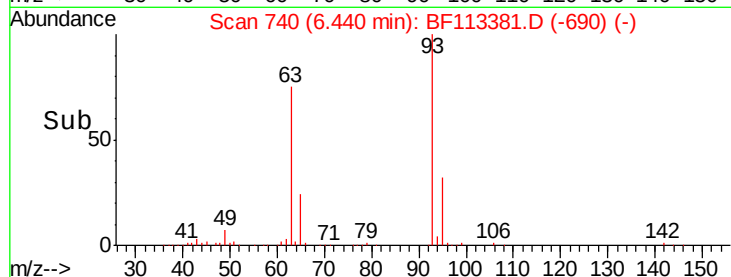
95 32.4 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 26.224 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

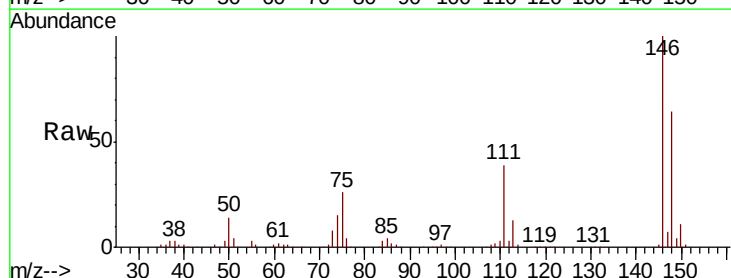
Tgt Ion: 146 Resp: 344475

Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.0

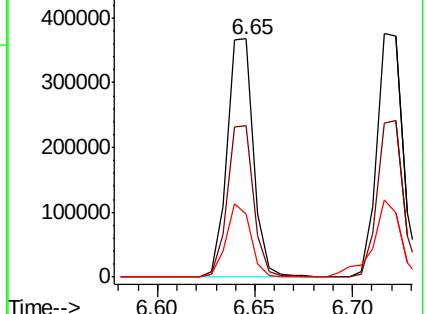
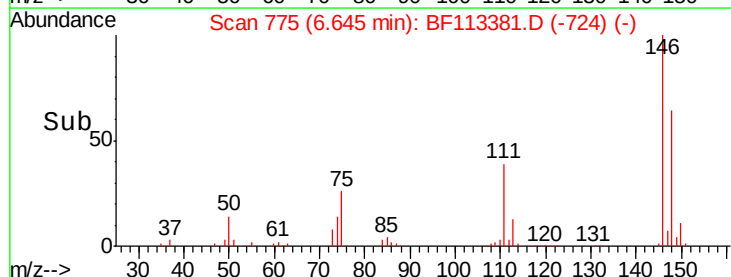
75 26.3 24.8 37.2

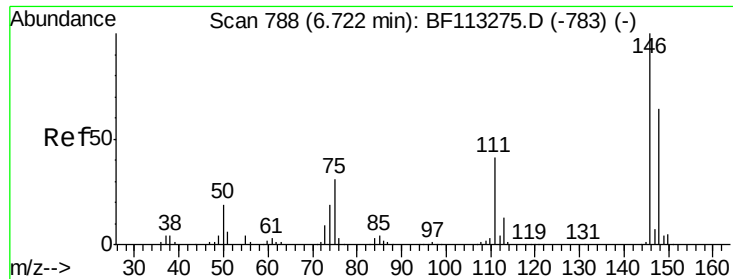


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

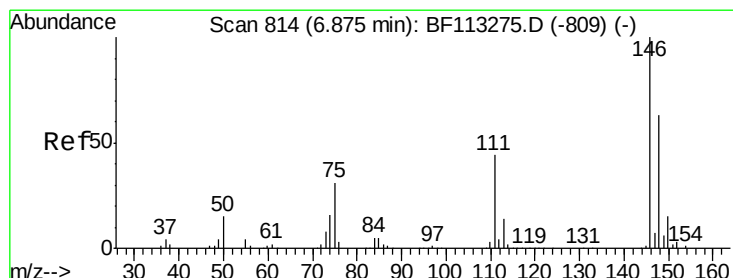
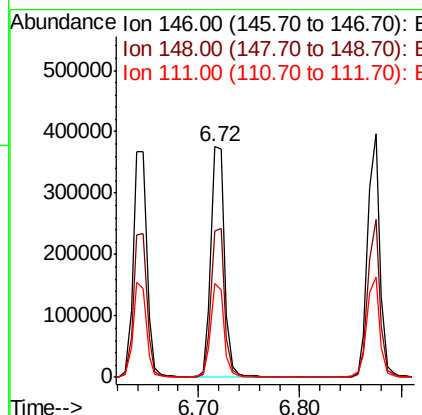
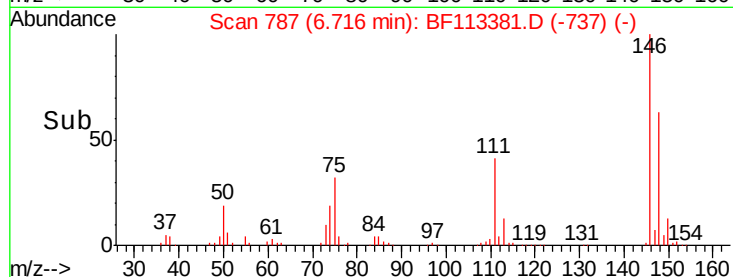
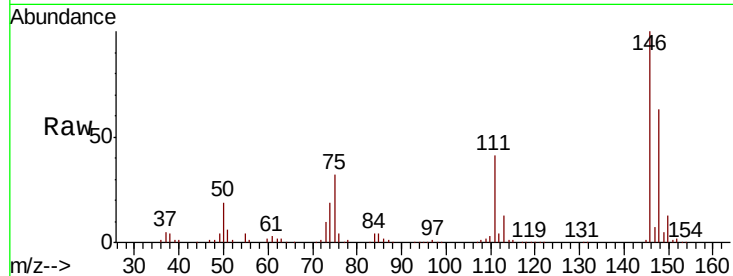




#13
 1,4-Dichlorobenzene
 Concen: 27.958 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

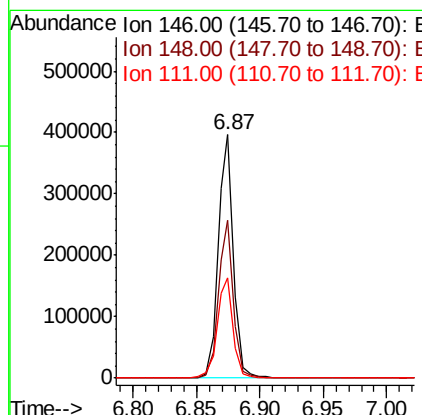
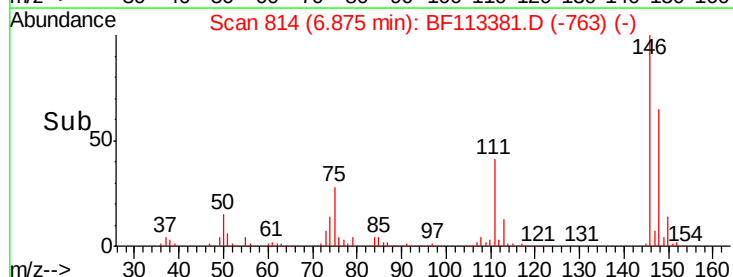
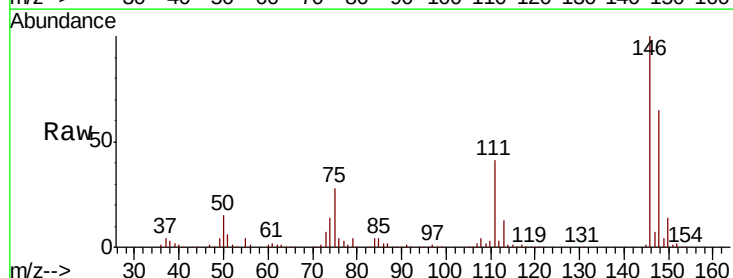
Instrument :
 BNA_F
 ClientSampled :
 TP-8MS

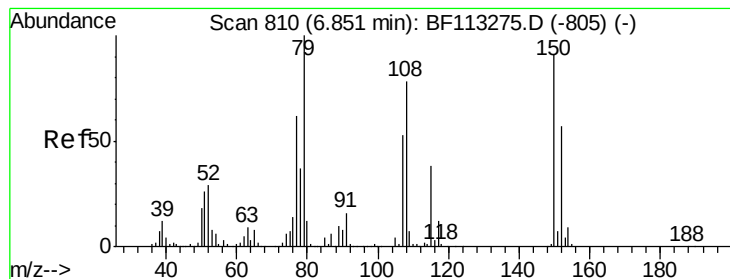
Tgt Ion:146 Resp: 354596
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.1 76.7
 111 40.9 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 26.806 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Tgt Ion:146 Resp: 334473
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.2 75.4
 111 40.9 35.4 53.2





#15

Benzyl Alcohol

Concen: 29.031 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

ClientSampleId :

TP-8MS

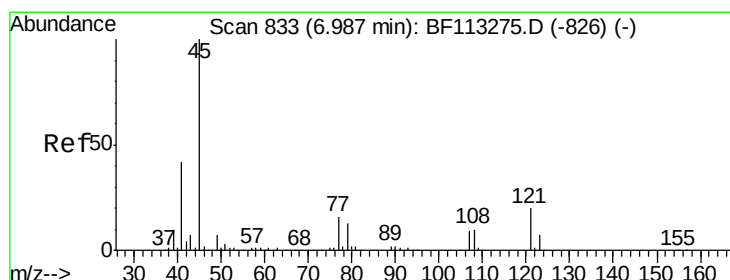
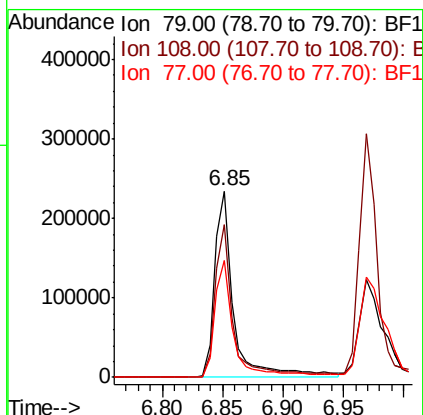
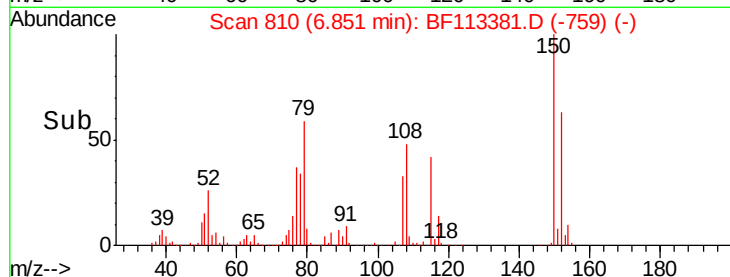
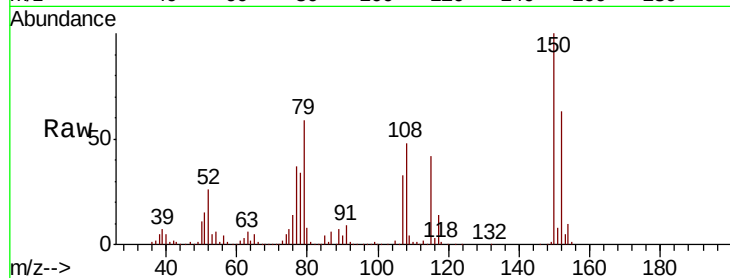
Tgt Ion: 79 Resp: 254252

Ion Ratio Lower Upper

79 100

108 81.8 62.0 93.0

77 62.9 49.9 74.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.069 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

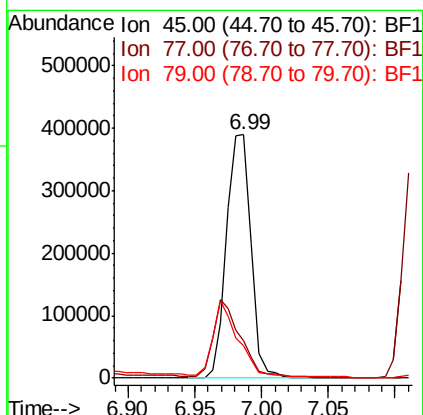
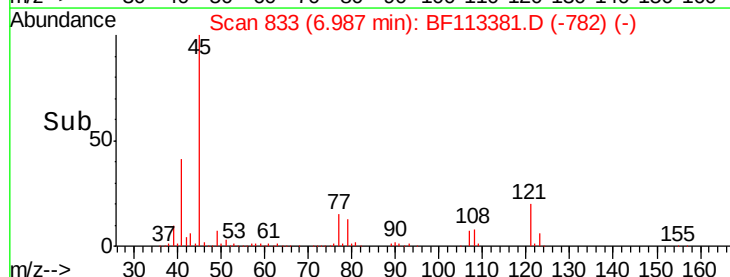
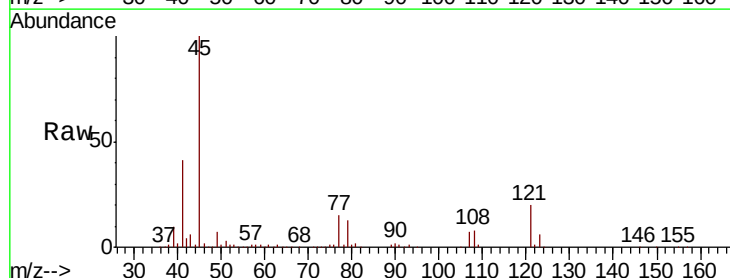
Tgt Ion: 45 Resp: 507318

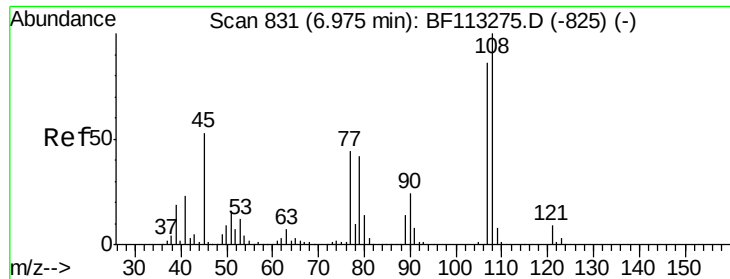
Ion Ratio Lower Upper

45 100

77 15.5 0.0 36.6

79 13.1 0.0 34.0





#17

2-Methylphenol

Concen: 28.603 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion:107 Resp: 273166

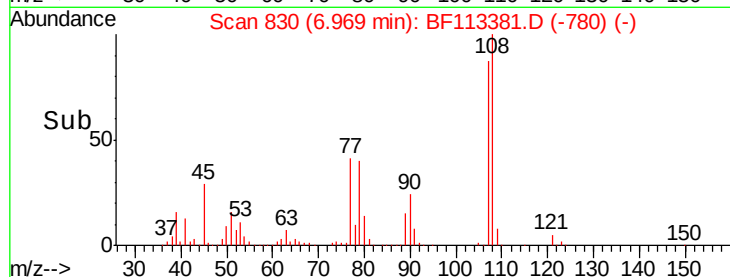
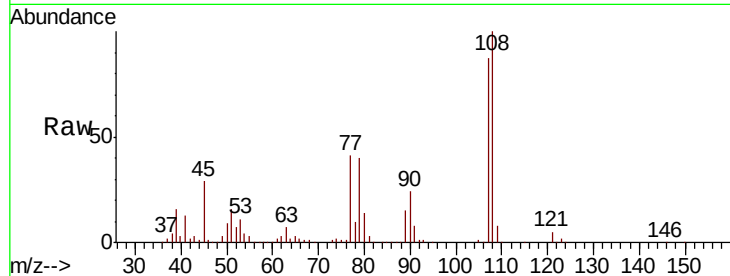
Ion Ratio Lower Upper

107 100

108 115.4 93.4 140.0

77 47.5 41.2 61.8

79 46.4 40.1 60.1

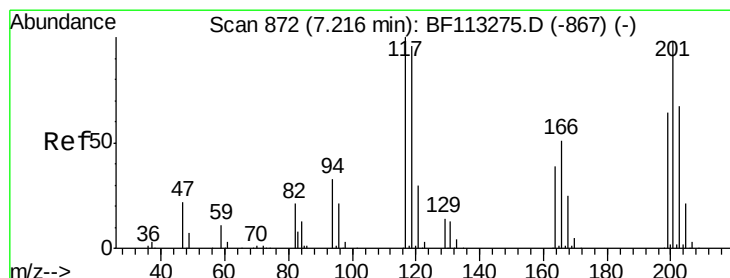
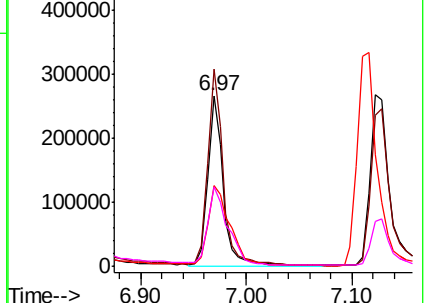


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 27.597 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

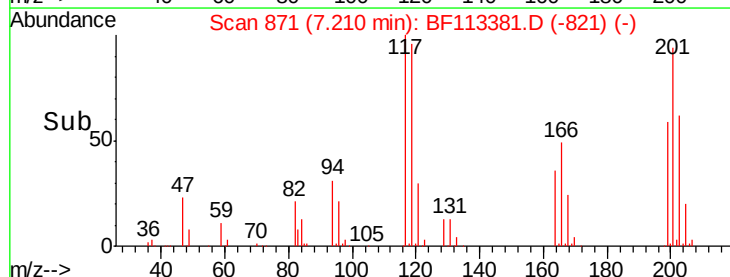
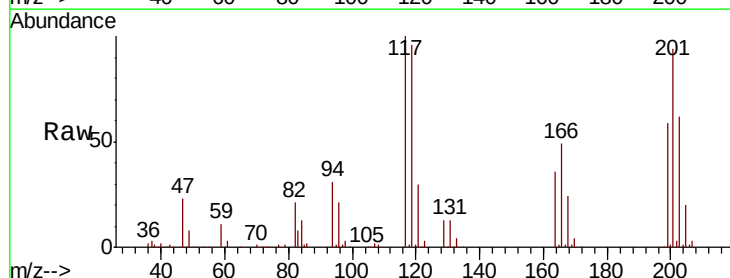
Tgt Ion:117 Resp: 125718

Ion Ratio Lower Upper

117 100

119 96.2 76.9 115.3

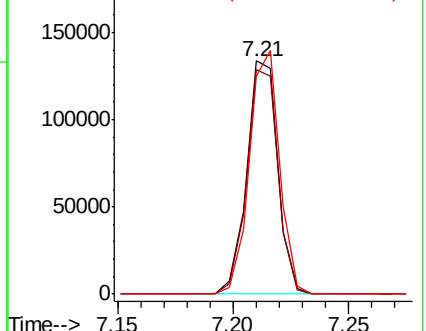
201 93.5 78.7 118.1

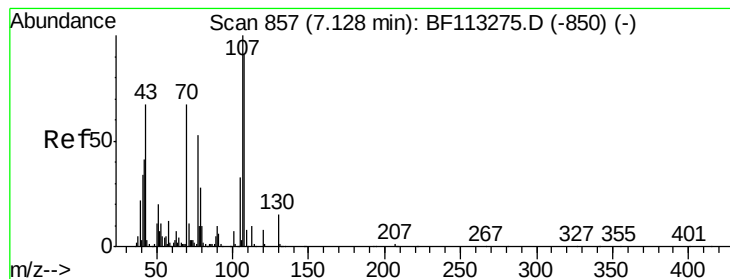


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 27.200 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion: 70 Resp: 226815

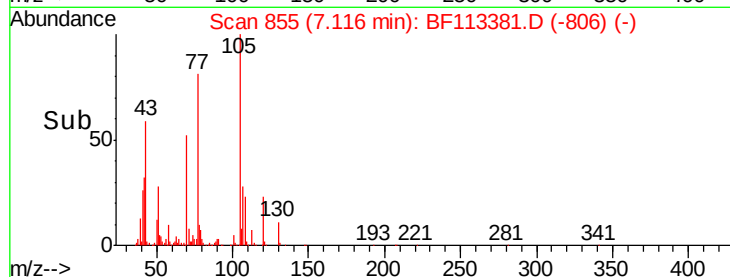
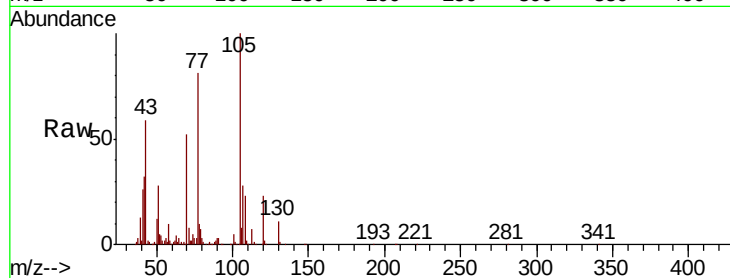
Ion Ratio Lower Upper

70 100

42 61.1 48.4 72.6

101 9.0 7.8 11.8

130 20.3 18.2 27.4

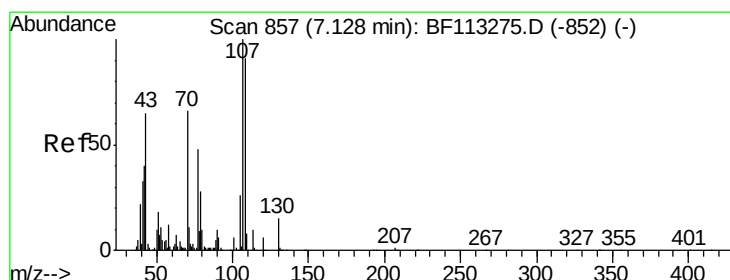
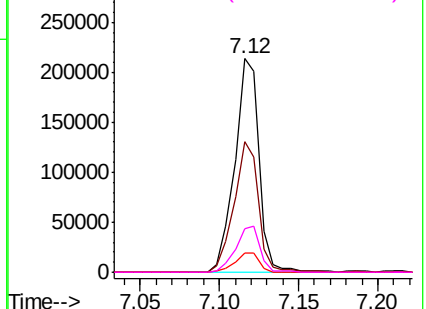


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 28.425 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Tgt Ion: 107 Resp: 342061

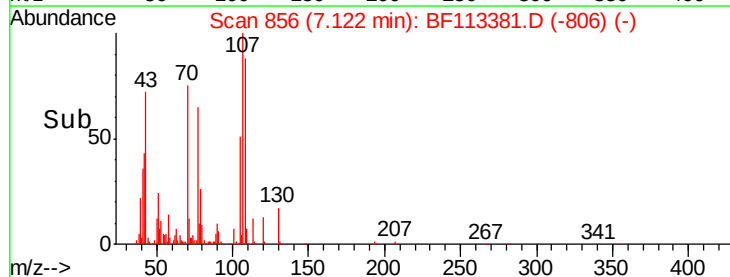
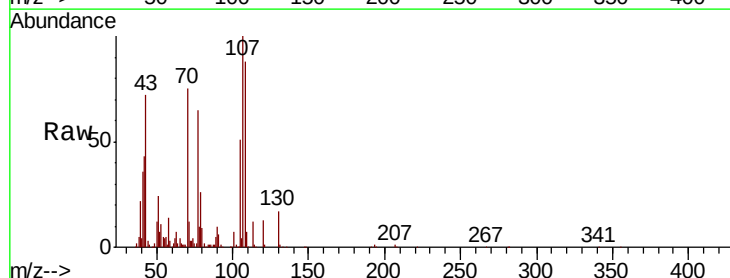
Ion Ratio Lower Upper

107 100

108 88.3 71.4 111.4

77 65.0 33.5 73.5

79 25.9 8.3 48.3

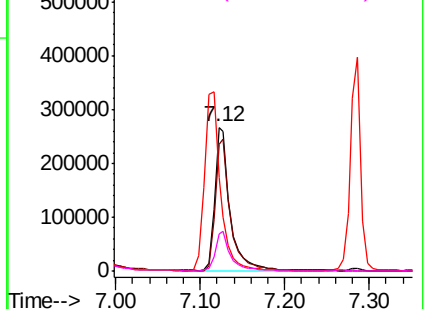


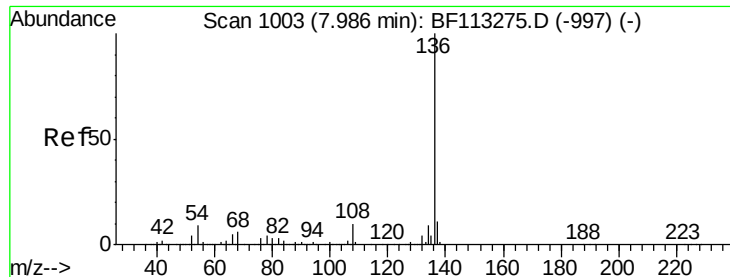
Abundance Ion 107.00 (106.70 to 107.70): BF1

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

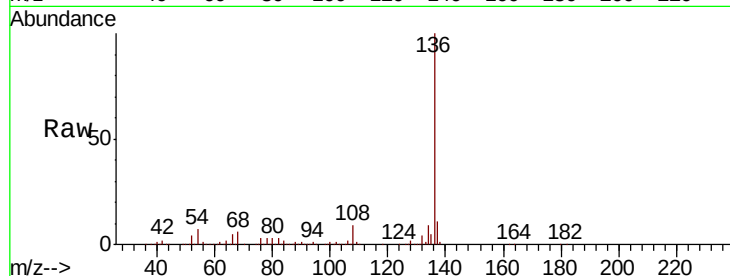




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampled :
TP-8MS

Tgt Ion:	136	Resp:	651889
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.3	7.0	10.6
68	5.8	4.8	7.2



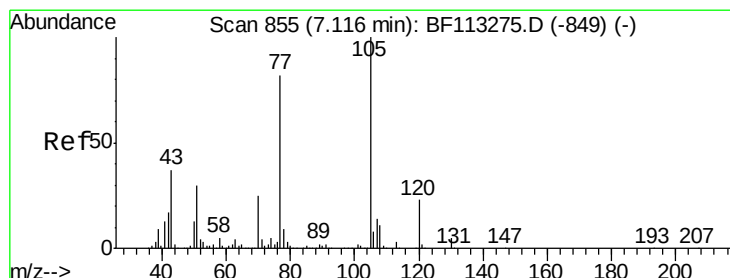
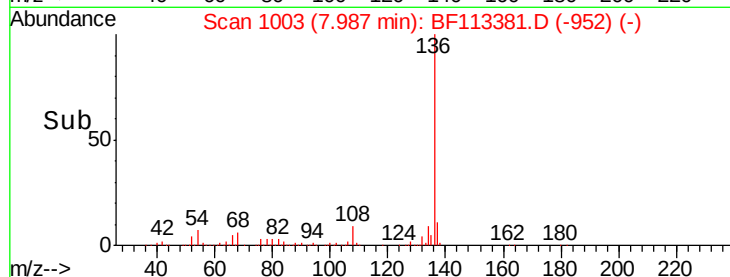
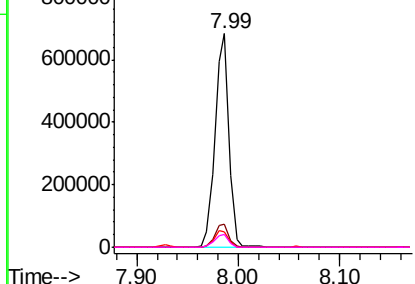
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

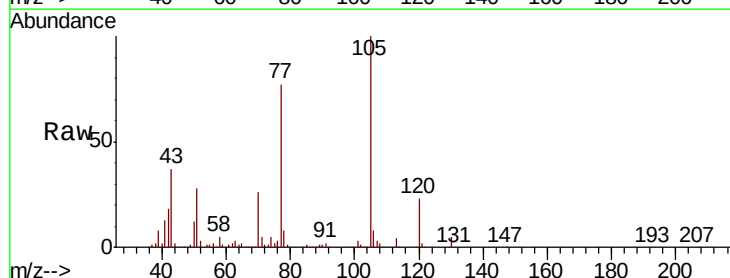
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 30.166 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion:	105	Resp:	448467
Ion	Ratio	Lower	Upper
105	100		
71	4.6	3.3	4.9
51	27.8	24.2	36.2
120	22.8	18.1	27.1



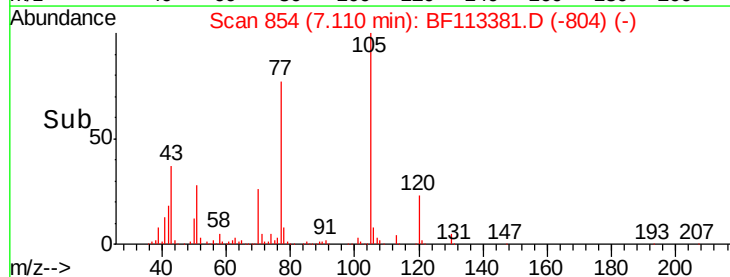
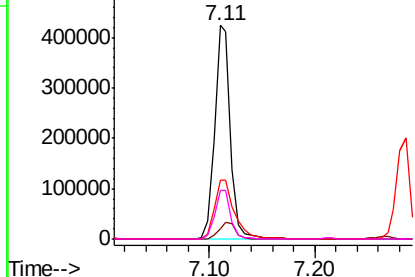
Abundance

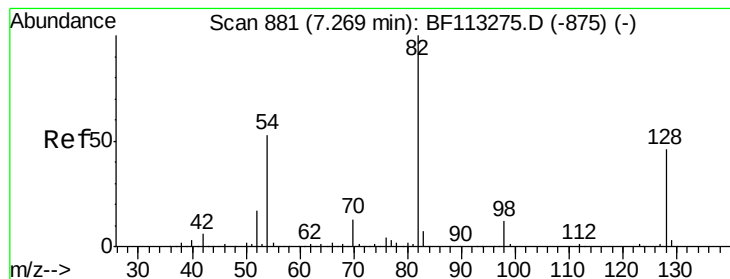
Ion 105.00 (104.70 to 105.70): E

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: 67.754 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

ClientSampleId :

TP-8MS

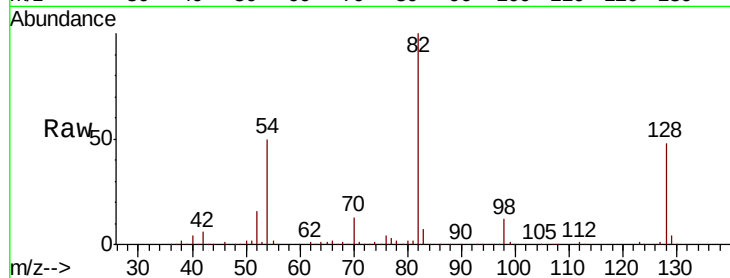
Tgt Ion: 82 Resp: 744146

Ion Ratio Lower Upper

82 100

128 48.3 36.5 54.7

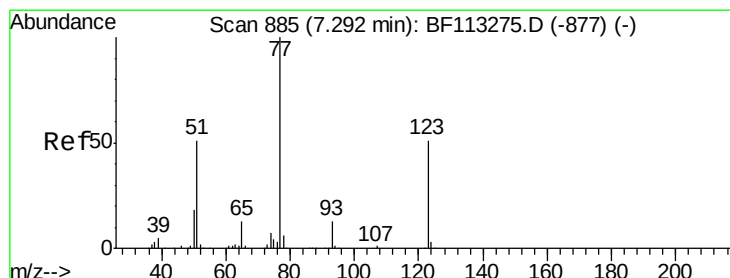
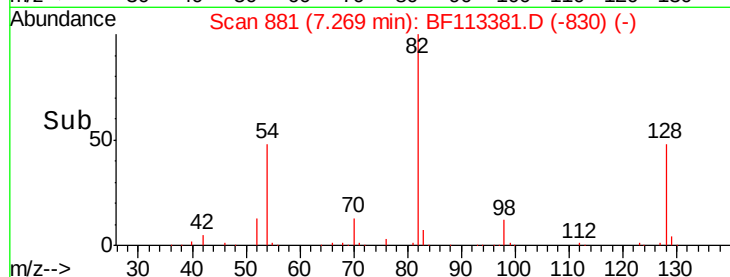
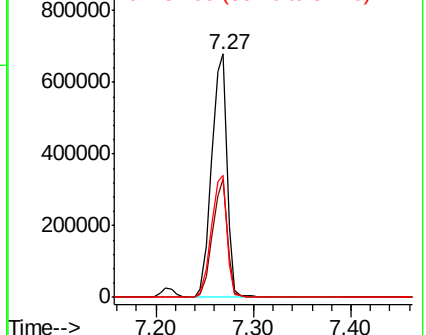
54 50.2 42.2 63.2



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: 29.950 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

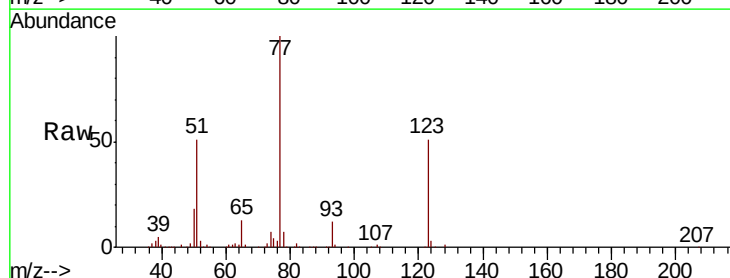
Tgt Ion: 77 Resp: 343256

Ion Ratio Lower Upper

77 100

123 50.6 40.8 61.2

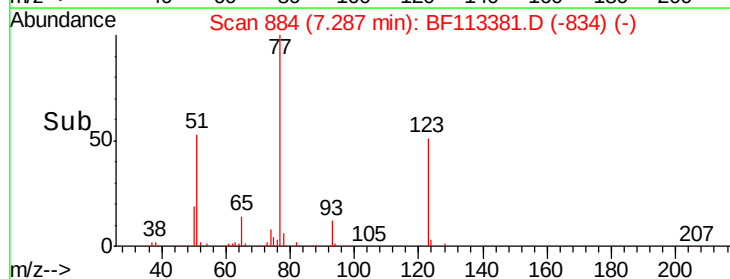
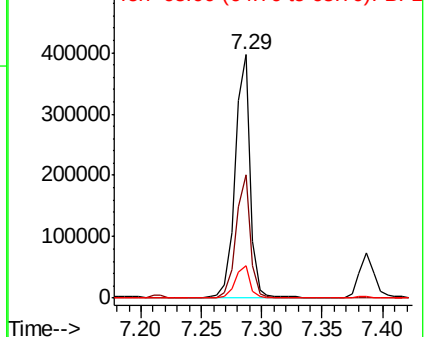
65 13.1 10.6 16.0

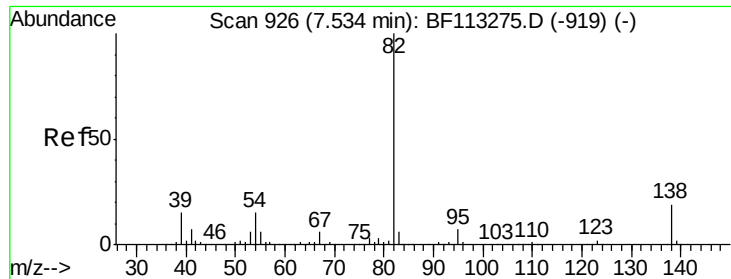


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

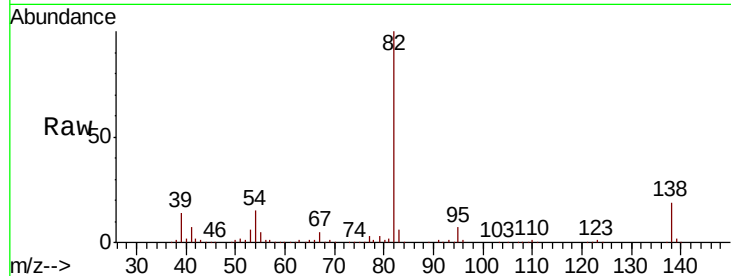




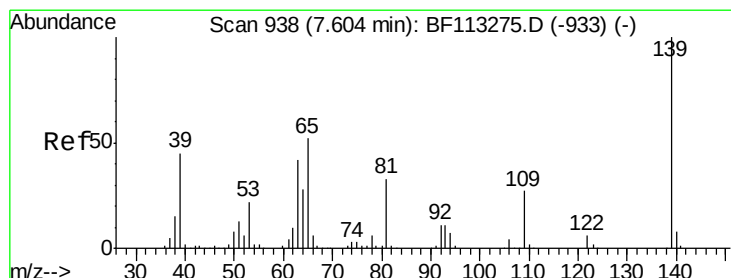
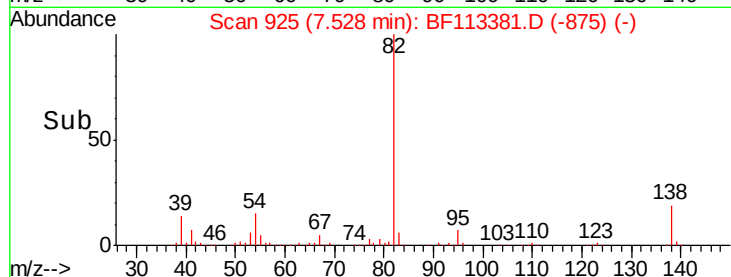
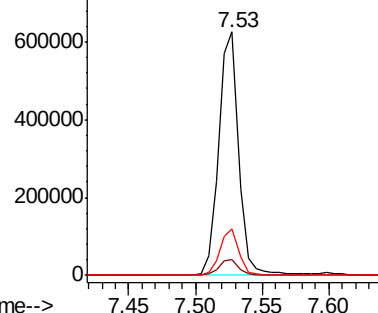
#25
Isophorone
Concen: 30.111 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tgt Ion: 82 Resp: 640901
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 19.2 15.2 22.8

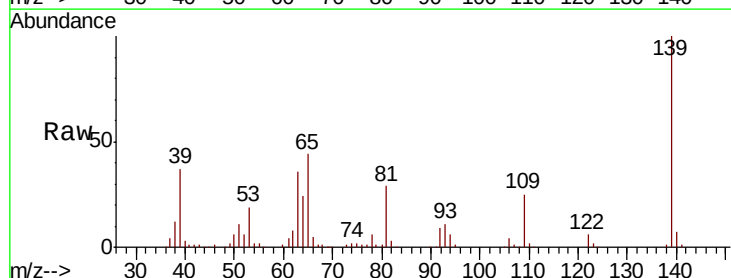


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

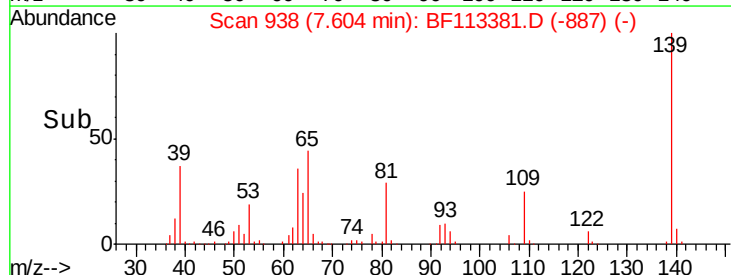
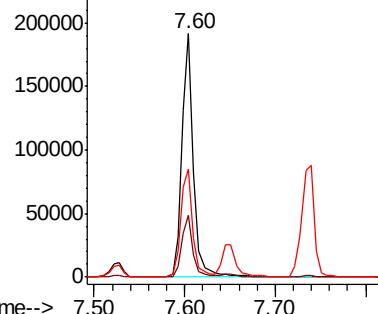


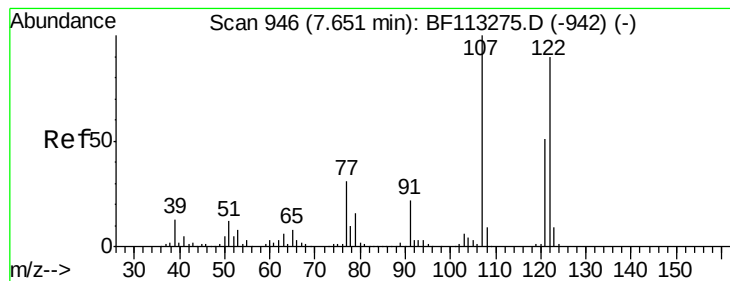
#26
2-Nitrophenol
Concen: 28.473 ng
RT: 7.60 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion: 139 Resp: 172489
Ion Ratio Lower Upper
139 100
109 25.5 21.7 32.5
65 44.2 41.6 62.4



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





#27

2,4-Dimethylphenol

Concen: 34.871 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

ClientSampled :

TP-8MS

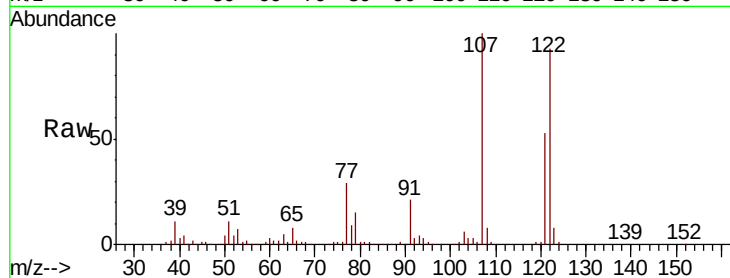
Tgt Ion: 122 Resp: 303878

Ion Ratio Lower Upper

122 100

107 107.4 88.8 133.2

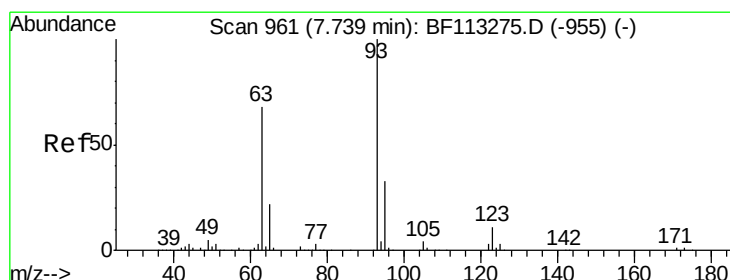
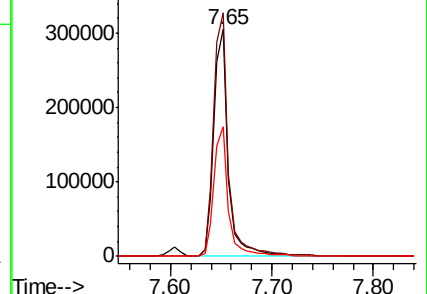
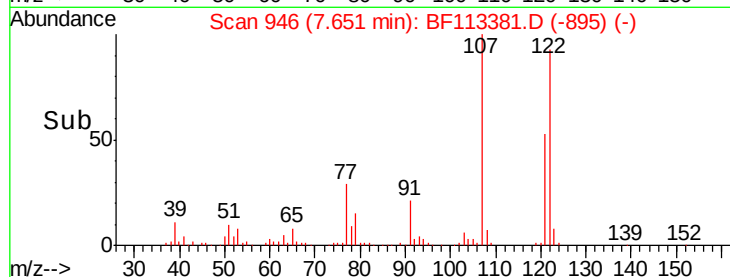
121 57.4 45.5 68.3



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: 30.808 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

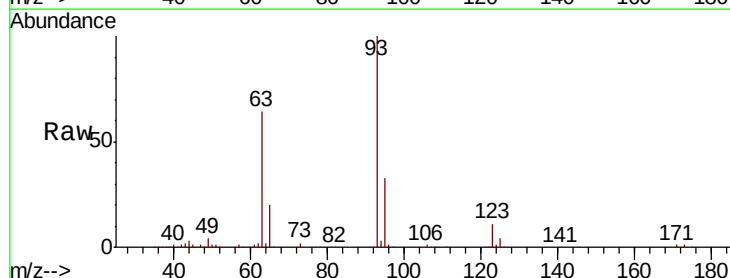
Tgt Ion: 93 Resp: 412946

Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

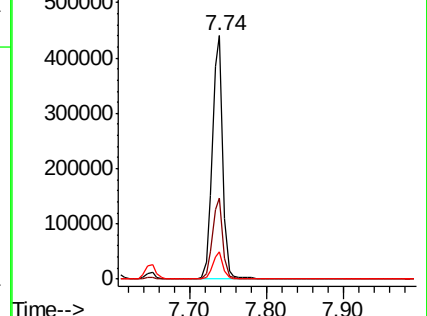
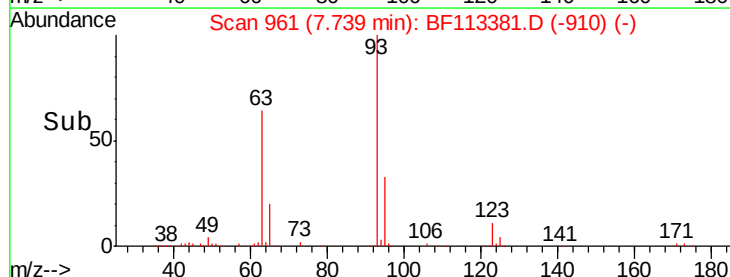
123 11.3 9.1 13.7

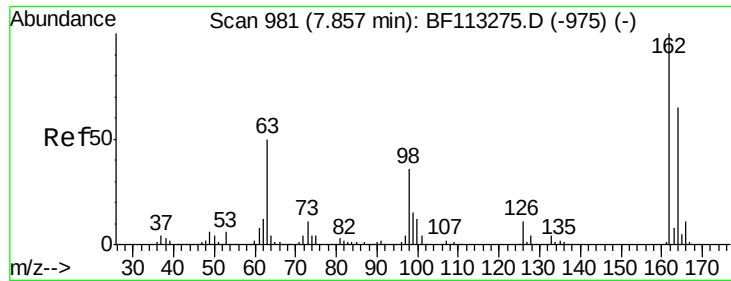


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

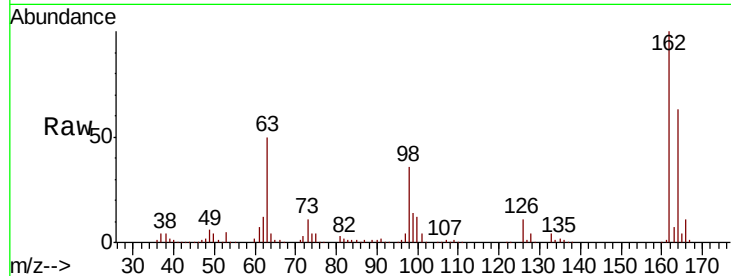




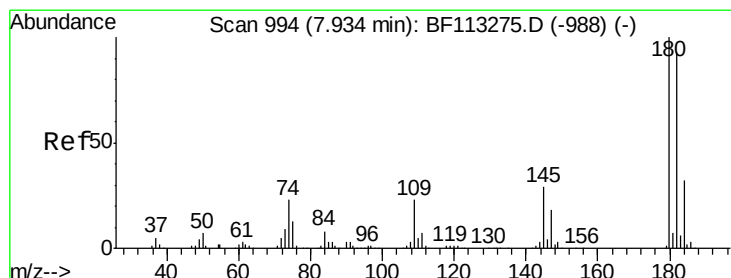
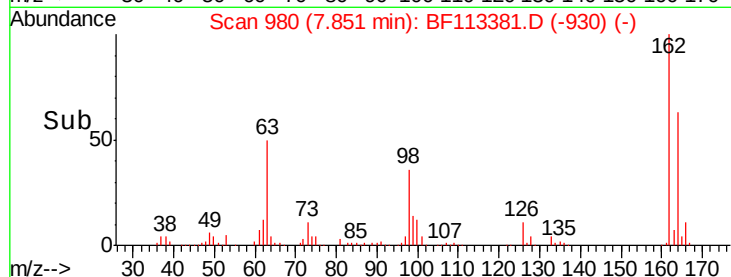
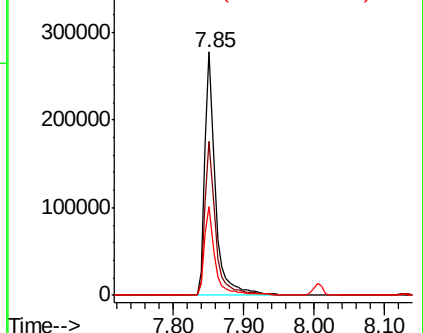
#29
2,4-Dichlorophenol
Concen: 30.679 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	36.2	15.6	55.6

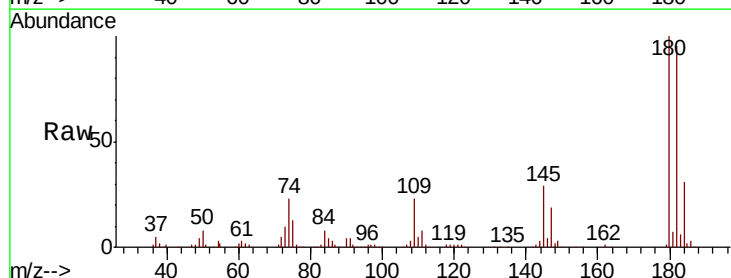


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

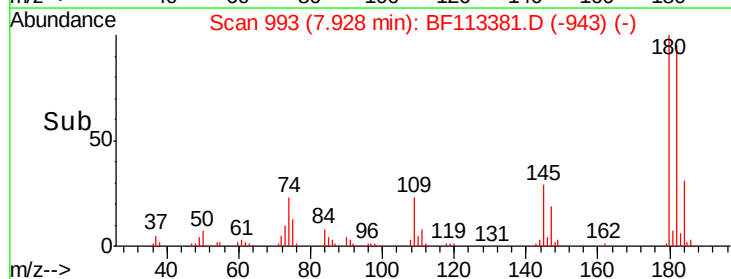
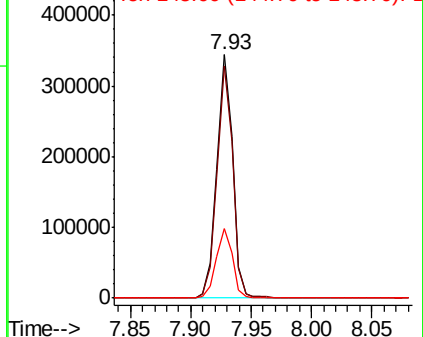


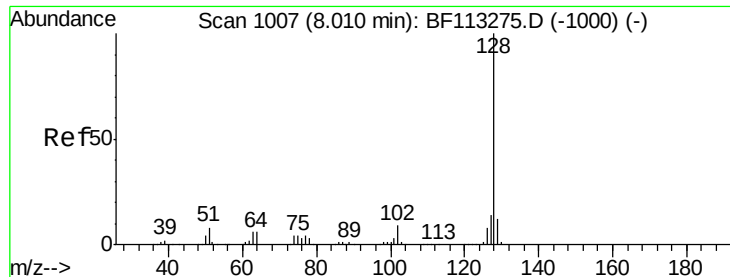
#30
1,2,4-Trichlorobenzene
Concen: 30.171 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	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

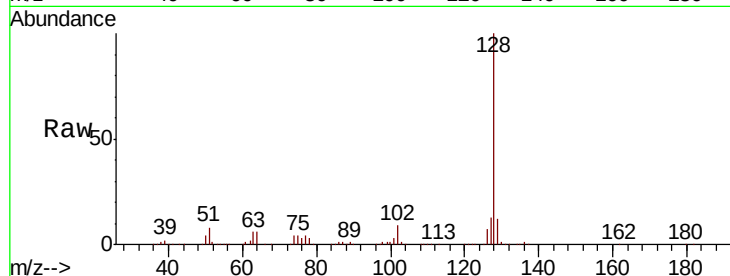




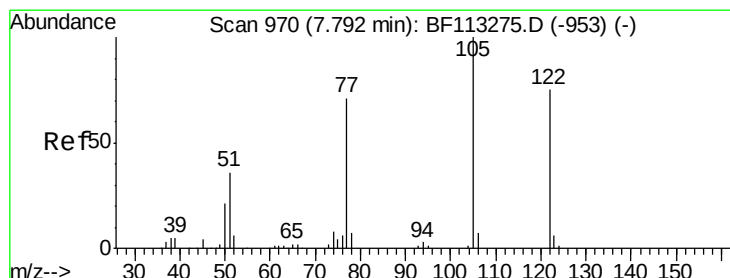
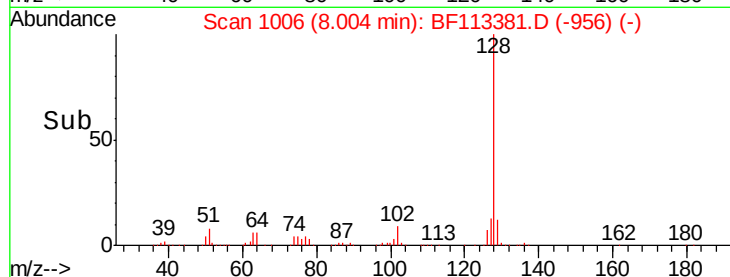
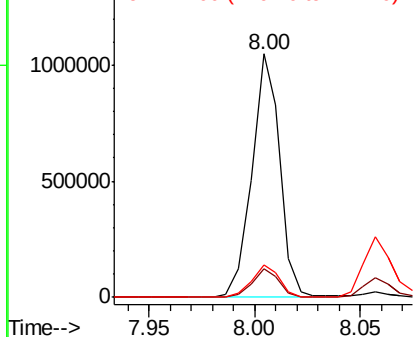
#31
Naphthalene
Concen: 30.347 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tgt Ion:128 Resp: 966726
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.3 10.9 16.3

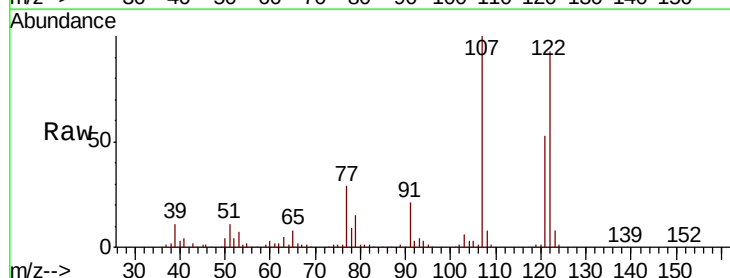


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

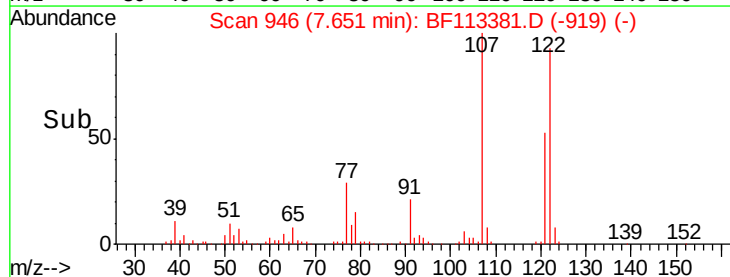
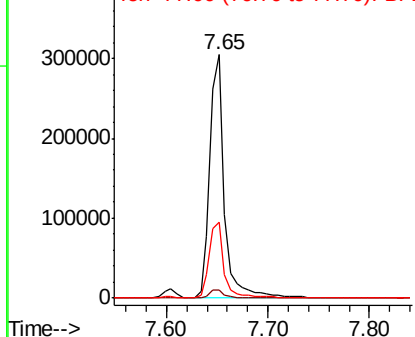


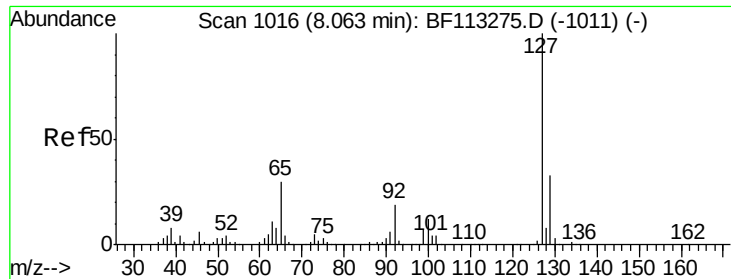
#32
Benzoic acid
Concen: 43.320 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.14 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion:122 Resp: 303878
Ion Ratio Lower Upper
122 100
105 3.2 100.4 140.4#
77 31.4 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

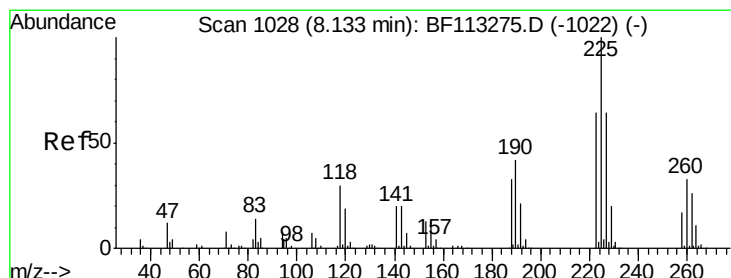
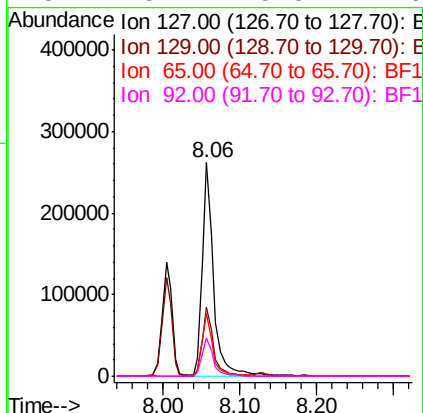
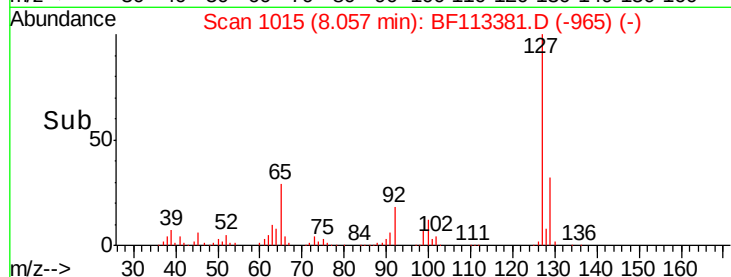
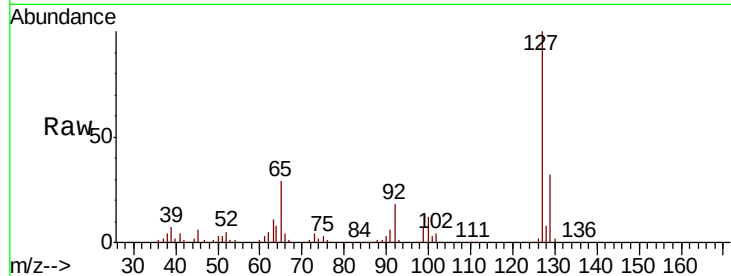




#33
4-Chloroaniline
Concen: 21.784 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

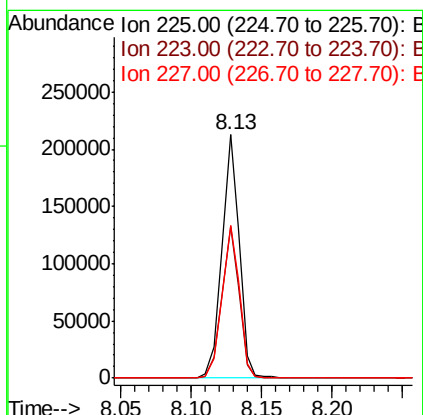
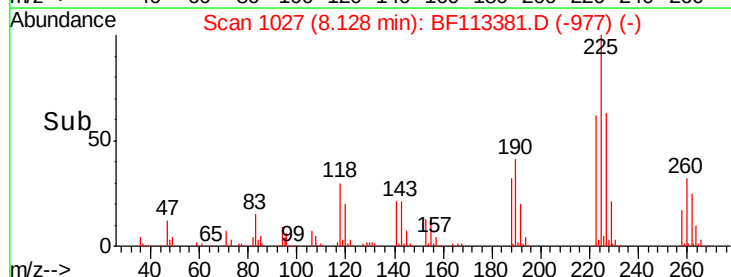
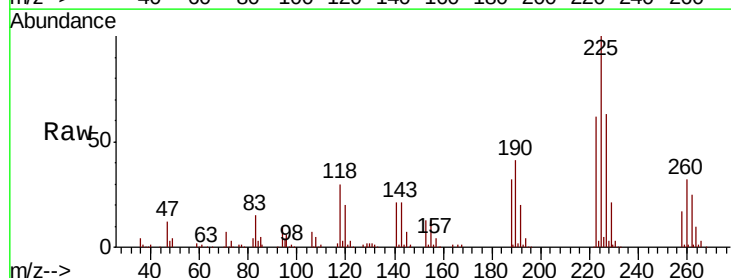
Instrument :
BNA_F
ClientSampleId :
TP-8MS

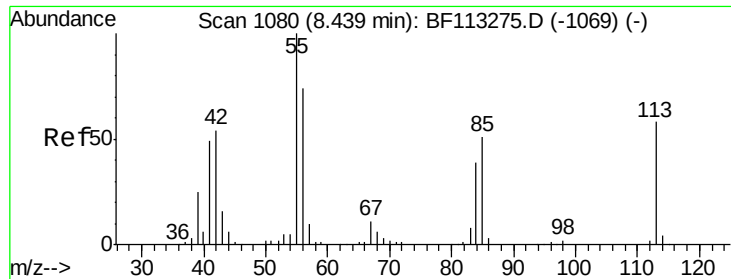
Tgt Ion:	127	Resp:	270606
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	29.1	24.2	36.4
92	18.2	15.0	22.6



#34
Hexachlorobutadiene
Concen: 29.884 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion:	225	Resp:	180969
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.4	77.2
227	62.8	51.1	76.7

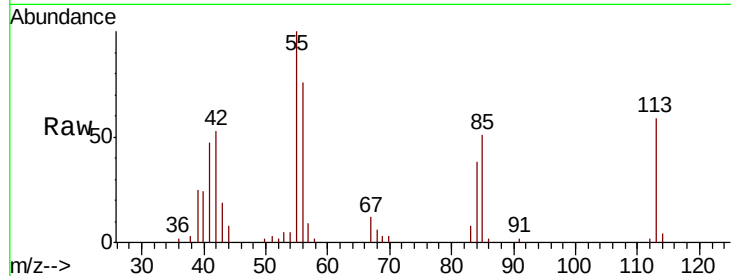




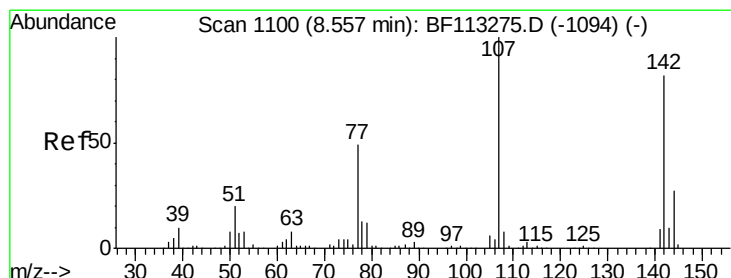
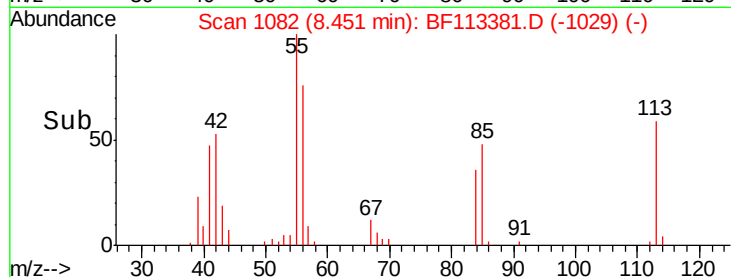
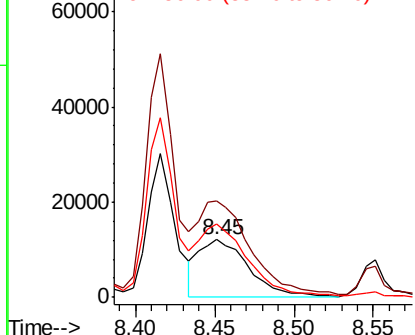
#35
 Caprolactam
 Concen: 8.816 ng
 RT: 8.45 min Scan# 1082
 Delta R.T. 0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-8MS

Tgt Ion:113 Resp: 26721
 Ion Ratio Lower Upper
 113 100
 55 168.2 152.7 192.7
 56 127.8 108.3 148.3

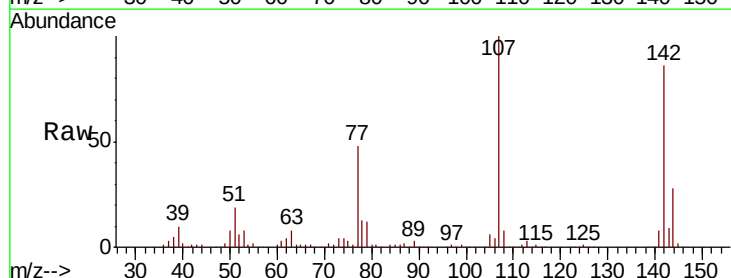


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

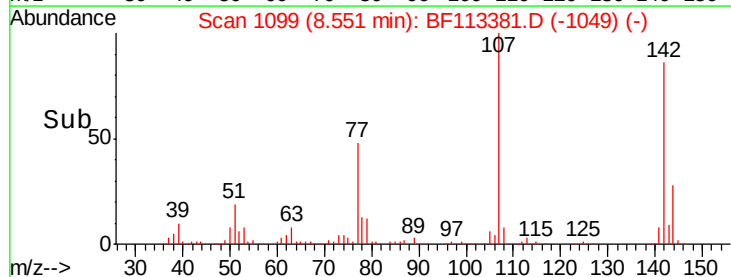
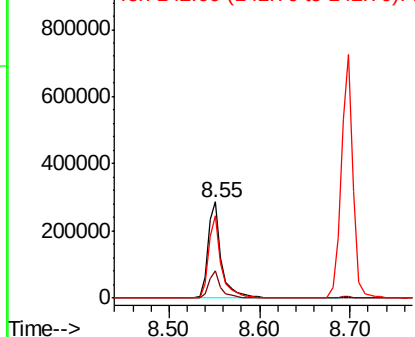


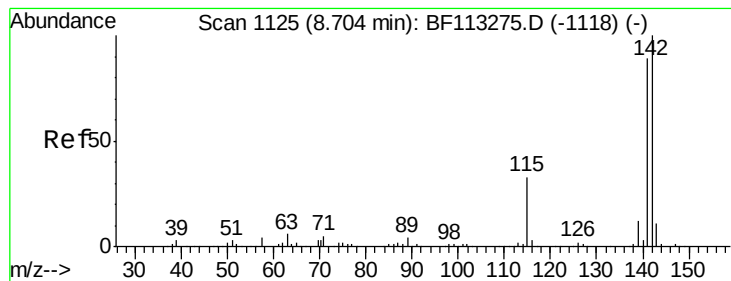
#36
 4-Chloro-3-methylphenol
 Concen: 31.424 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Tgt Ion:107 Resp: 298483
 Ion Ratio Lower Upper
 107 100
 144 27.8 21.4 32.0
 142 85.9 65.6 98.4



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

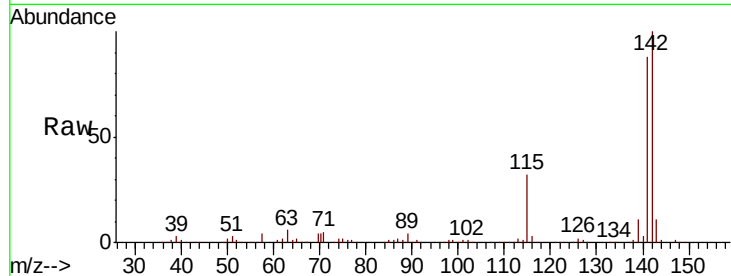




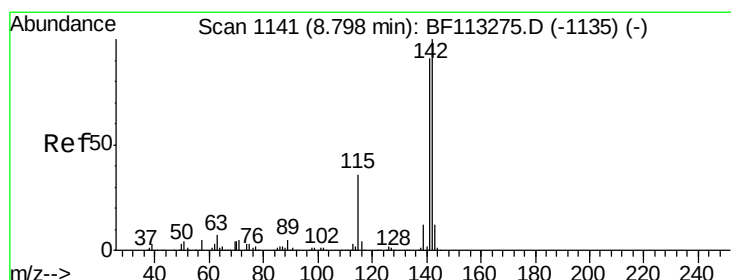
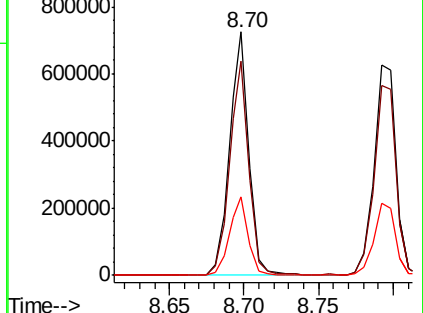
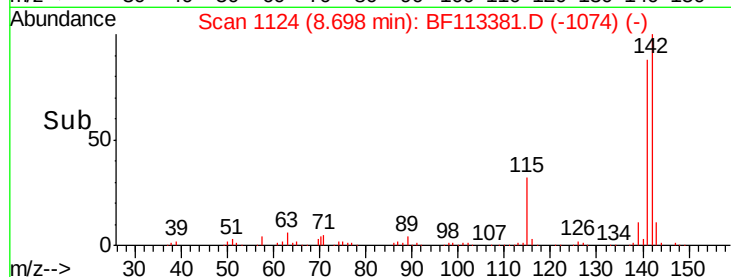
#37
2-Methylnaphthalene
Concen: 33.272 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tgt Ion:142 Resp: 661360
Ion Ratio Lower Upper
142 100
141 88.0 71.0 106.6
115 32.0 26.6 39.8

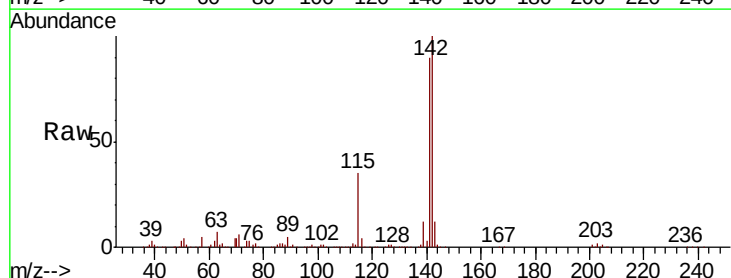


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

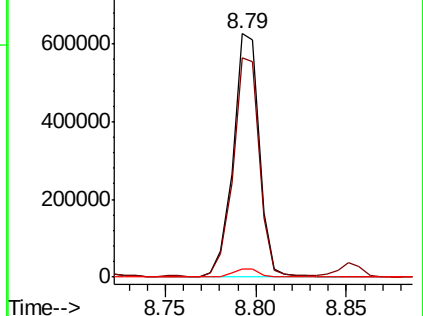
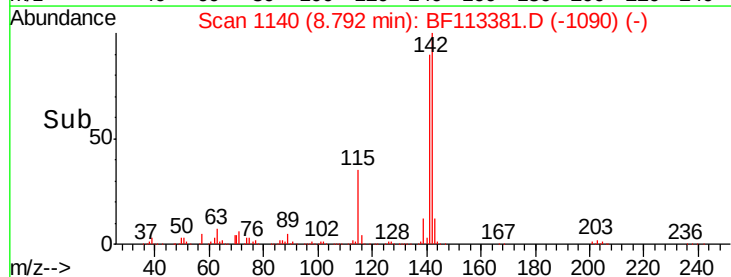


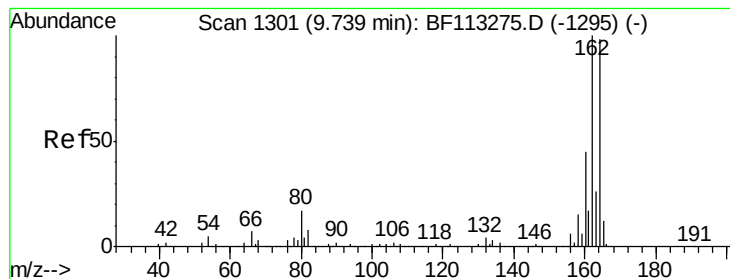
#38
1-Methylnaphthalene
Concen: 32.642 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion:142 Resp: 624087
Ion Ratio Lower Upper
142 100
141 90.1 73.2 109.8
116 3.6 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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

ClientSampleId :

TP-8MS

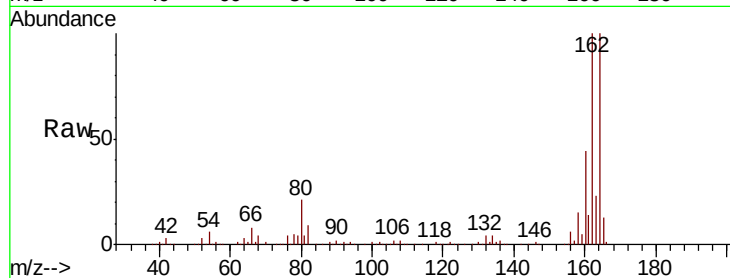
Tgt Ion:164 Resp: 335315

Ion Ratio Lower Upper

164 100

162 100.2 81.8 122.6

160 43.9 36.4 54.6

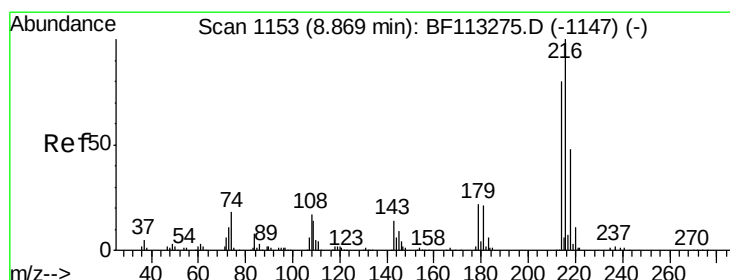
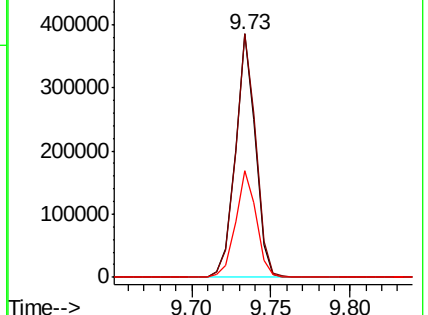
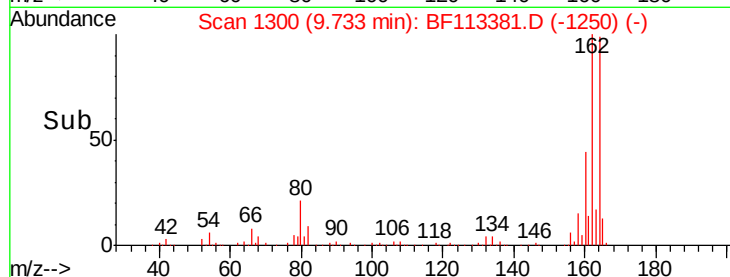


Abundance

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: 28.243 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Tgt Ion:216 Resp: 303992

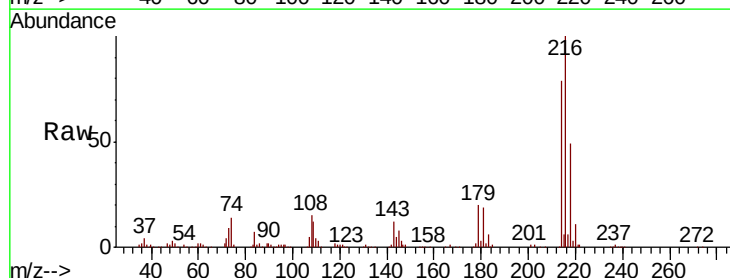
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.6

179 20.3 16.8 25.2

108 18.8 13.8 20.6



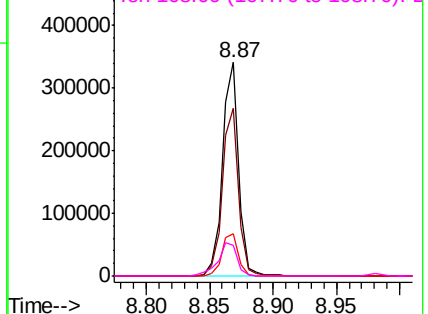
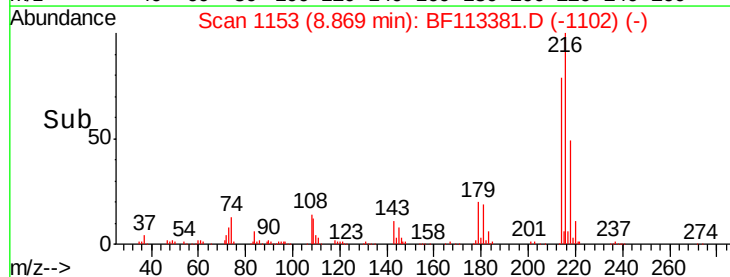
Abundance

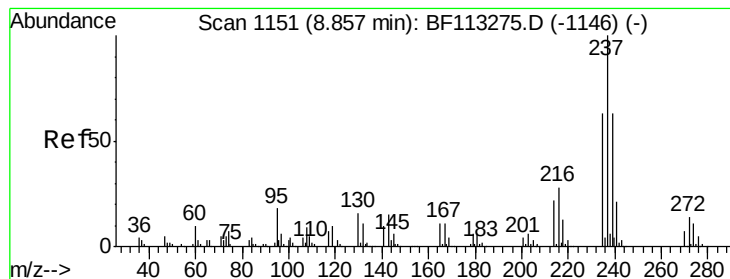
Ion 216.00 (215.70 to 216.70): E

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: 59.362 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

ClientSampleId :

TP-8MS

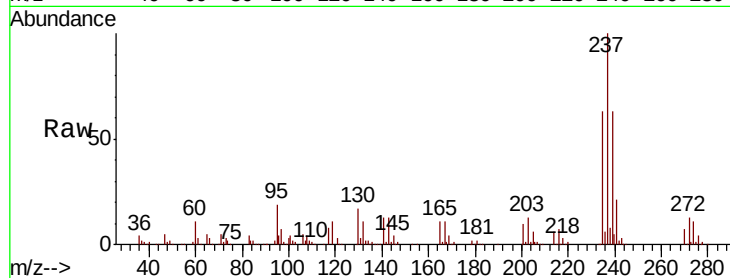
Tgt Ion: 237 Resp: 270449

Ion Ratio Lower Upper

237 100

235 63.0 43.4 83.4

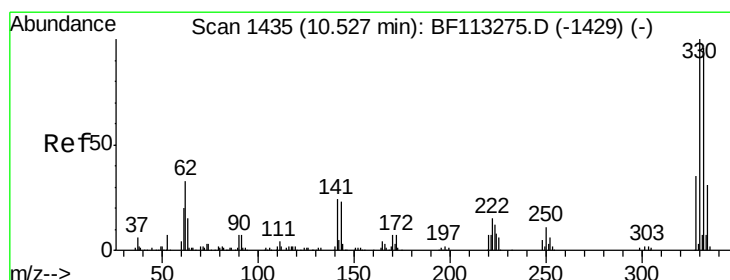
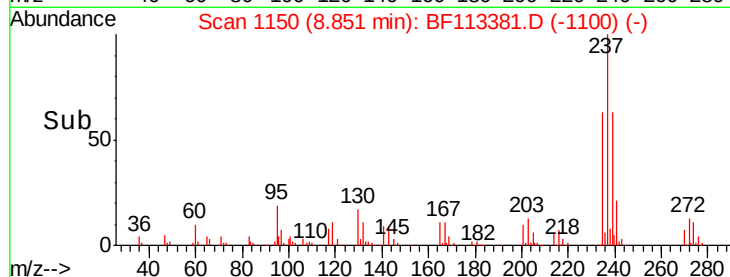
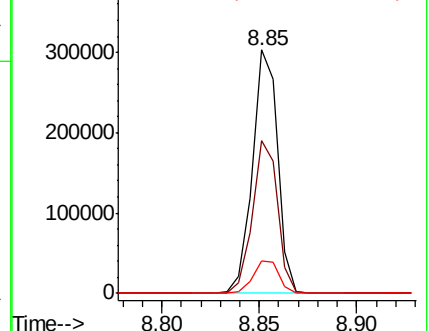
272 13.4 0.0 33.7



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: 96.995 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

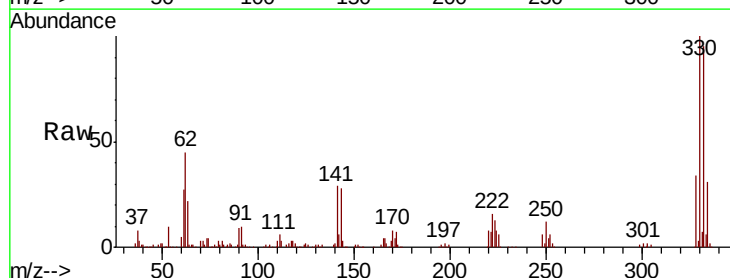
Tgt Ion: 330 Resp: 401745

Ion Ratio Lower Upper

330 100

332 96.2 77.8 116.6

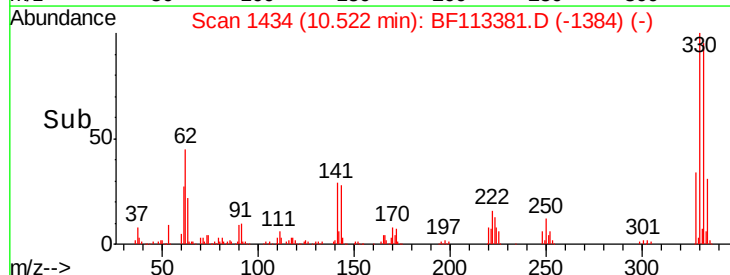
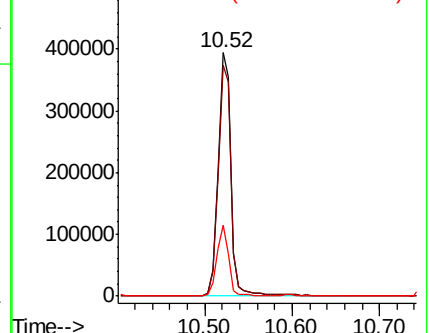
141 27.2 22.7 34.1

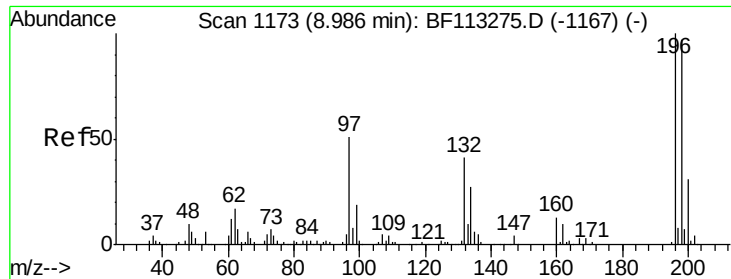


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

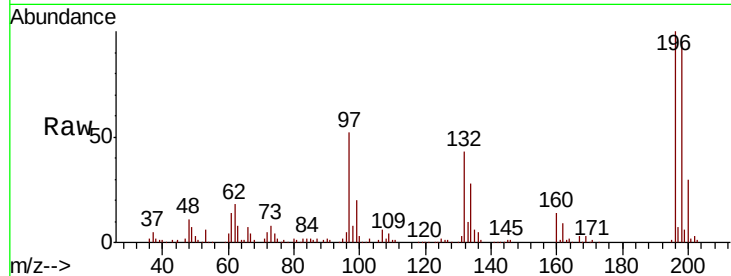




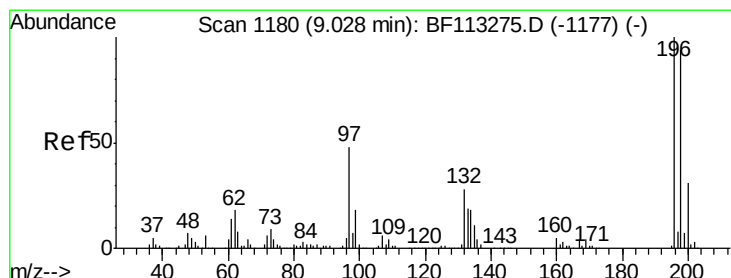
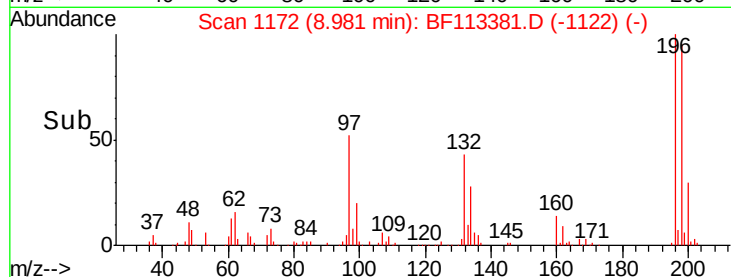
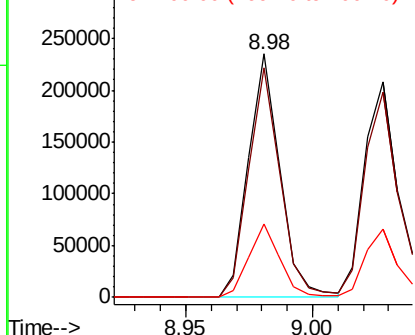
#43
 2,4,6-Trichlorophenol
 Concen: 29.263 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-8MS

Tgt Ion:196 Resp: 205111
 Ion Ratio Lower Upper
 196 100
 198 94.5 77.7 116.5
 200 30.0 24.9 37.3

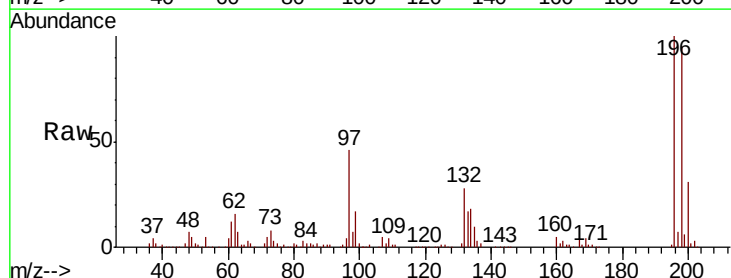


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

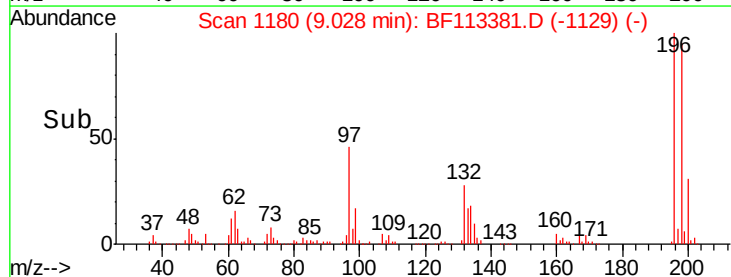
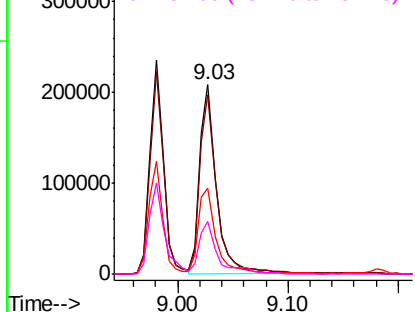


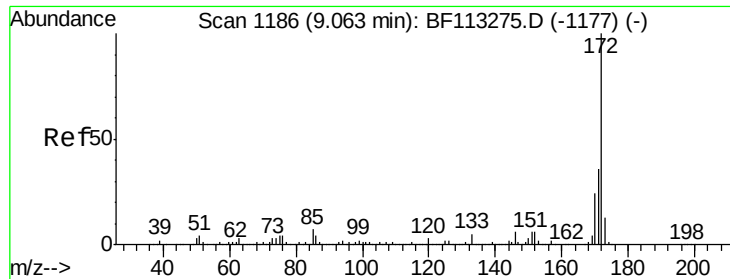
#44
 2,4,5-Trichlorophenol
 Concen: 27.673 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Tgt Ion:196 Resp: 214661
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.4 113.2
 97 45.6 38.6 58.0
 132 28.1 22.9 34.3



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

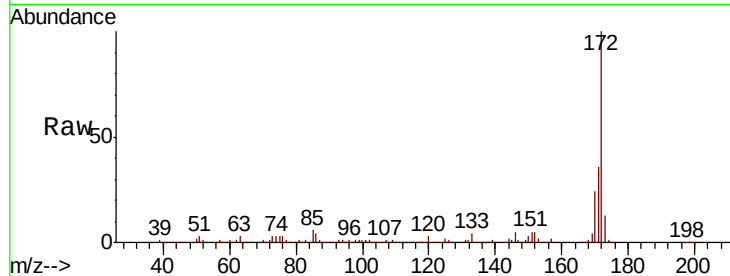




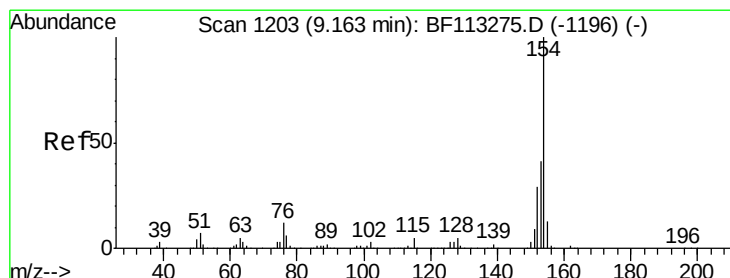
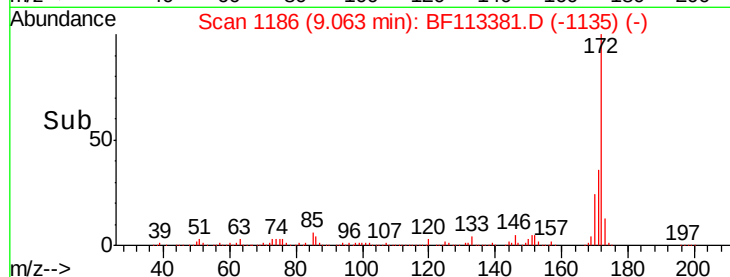
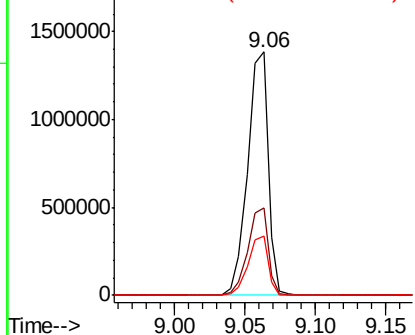
#45
2-Fluorobiphenyl
Concen: 61.533 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tgt Ion:172 Resp: 1420589
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 24.4 19.5 29.3

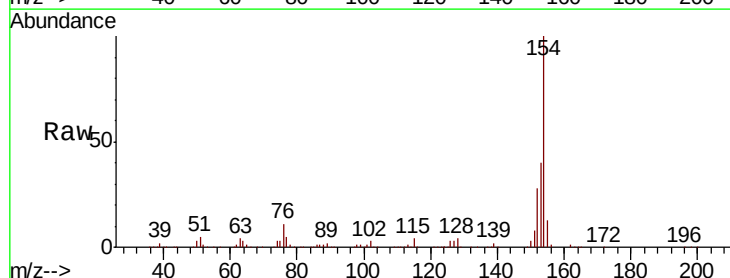


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

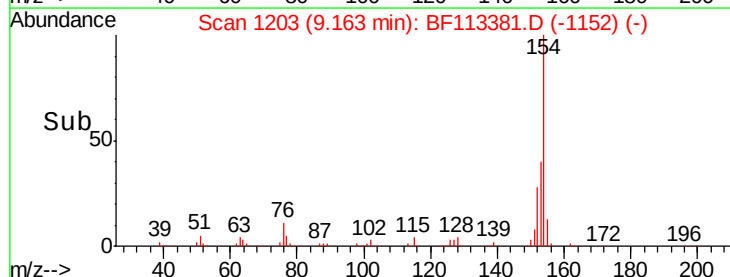
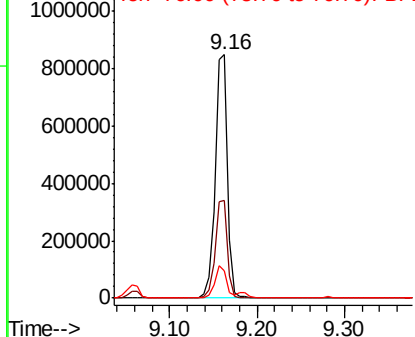


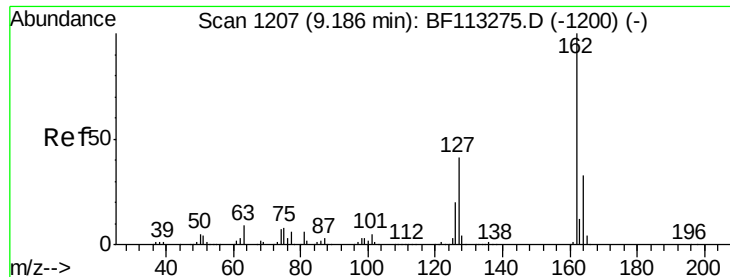
#46
1,1'-Biphenyl
Concen: 29.190 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion:154 Resp: 817470
Ion Ratio Lower Upper
154 100
153 40.3 20.8 60.8
76 11.2 0.0 31.9



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

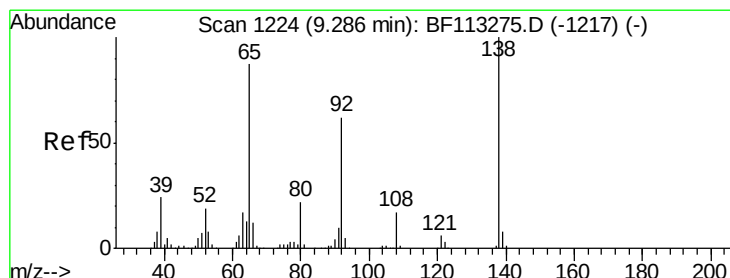
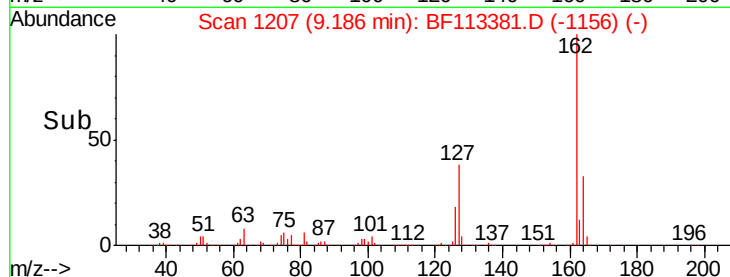
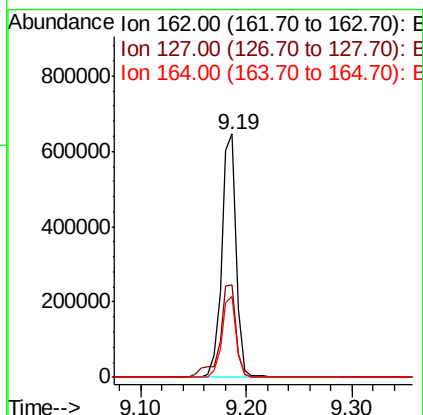
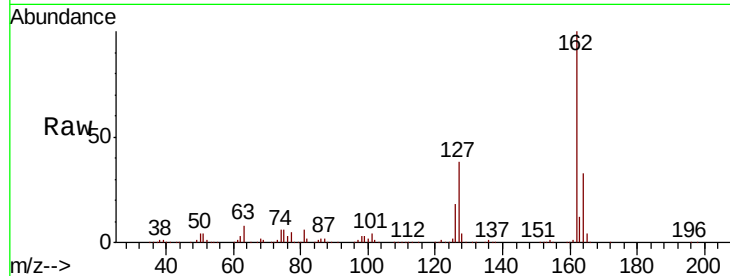




#47
2-Chloronaphthalene
Concen: 28.892 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

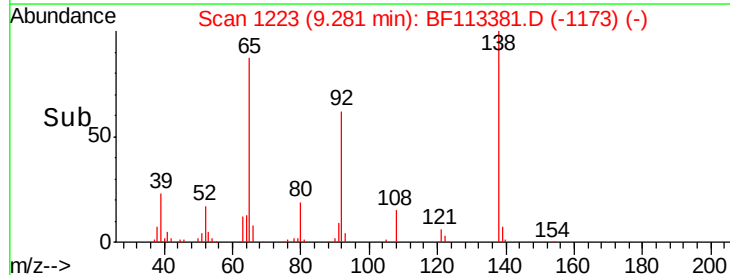
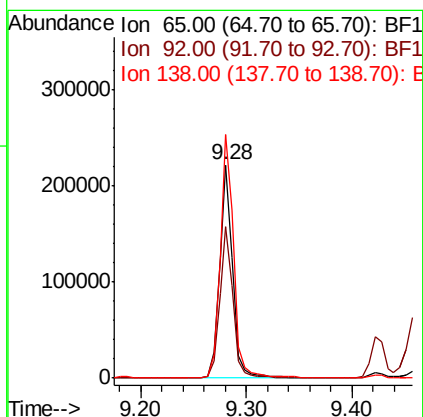
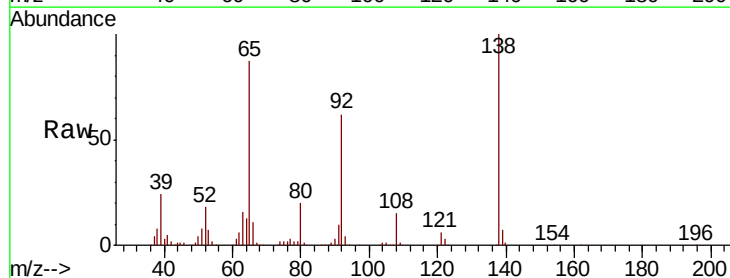
Instrument :
BNA_F
ClientSampleId :
TP-8MS

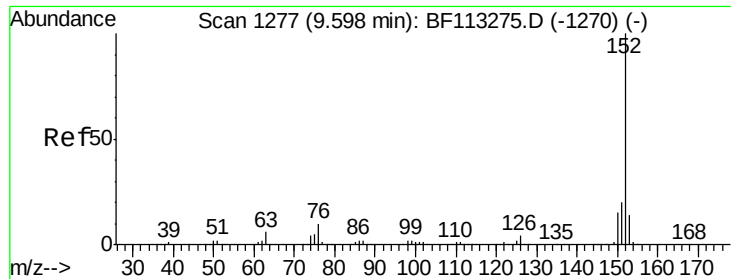
Tgt Ion: 162 Resp: 622992
Ion Ratio Lower Upper
162 100
127 38.2 32.6 49.0
164 33.3 26.6 39.8



#48
2-Nitroaniline
Concen: 28.992 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion: 65 Resp: 196179
Ion Ratio Lower Upper
65 100
92 71.0 56.8 85.2
138 114.3 92.3 138.5





#49

Acenaphthylene

Concen: 29.316 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

ClientSampleId :

TP-8MS

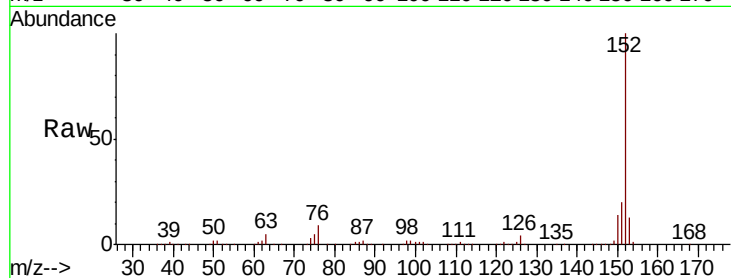
Tgt Ion:152 Resp: 1022106

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

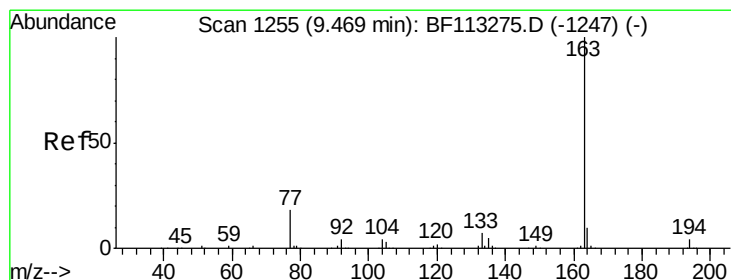
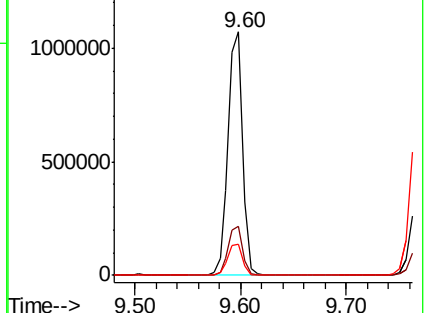
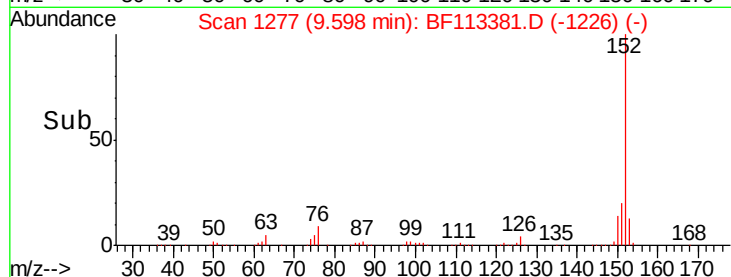
153 13.0 11.0 16.6



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: 33.864 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

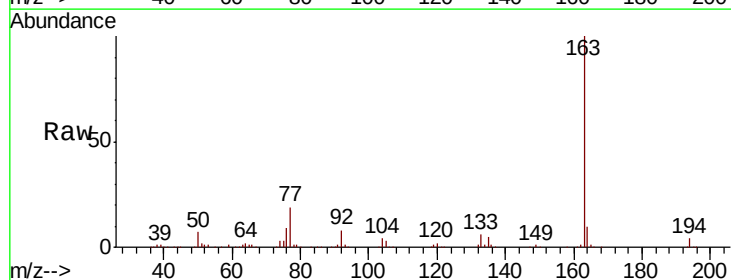
Tgt Ion:163 Resp: 841494

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

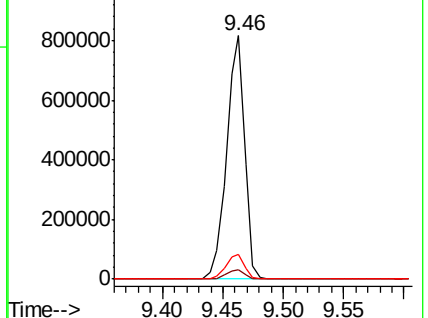
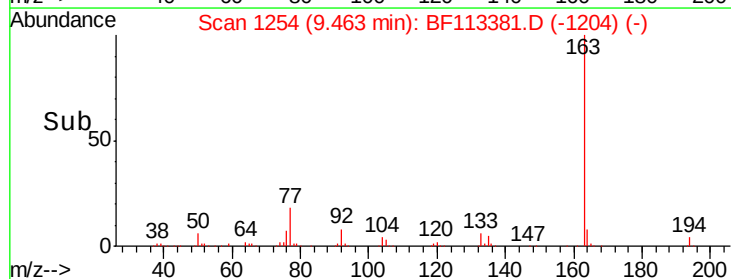
164 10.4 8.1 12.1

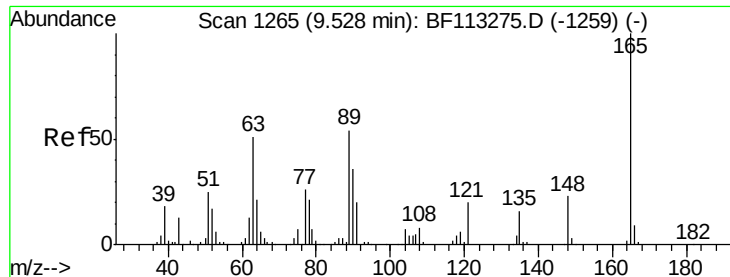


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 29.777 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

ClientSampleId :

TP-8MS

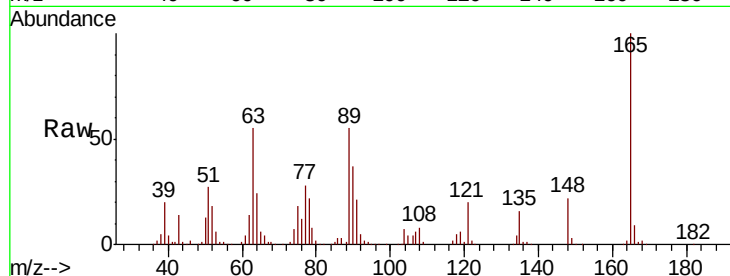
Tgt Ion:165 Resp: 166927

Ion Ratio Lower Upper

165 100

63 54.7 43.4 65.0

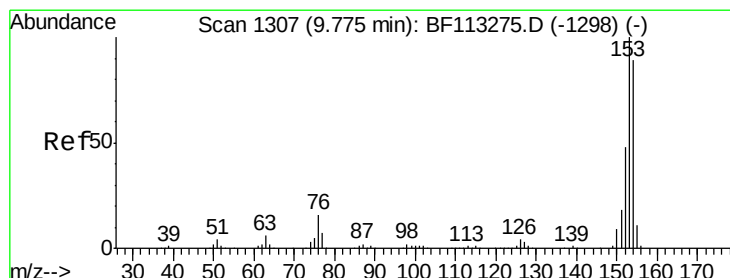
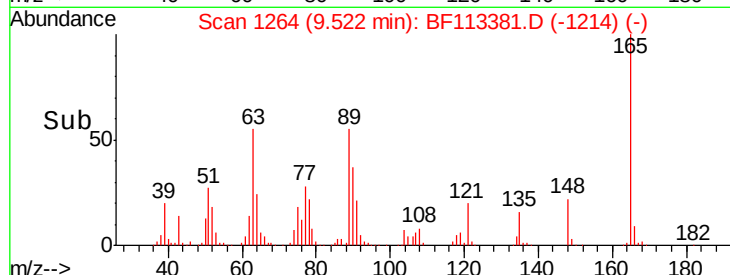
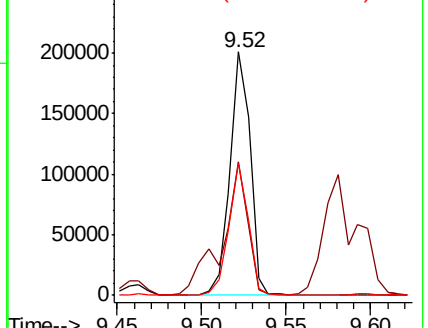
89 54.6 43.1 64.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 29.558 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

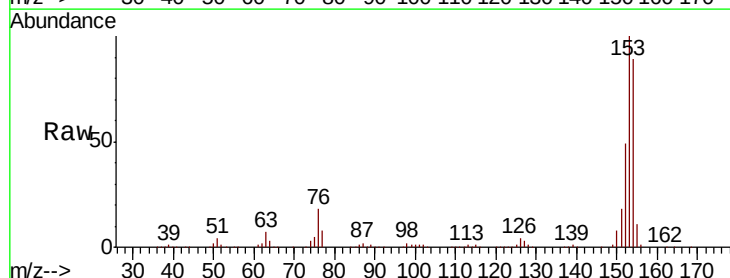
Tgt Ion:154 Resp: 580349

Ion Ratio Lower Upper

154 100

153 111.9 89.5 134.3

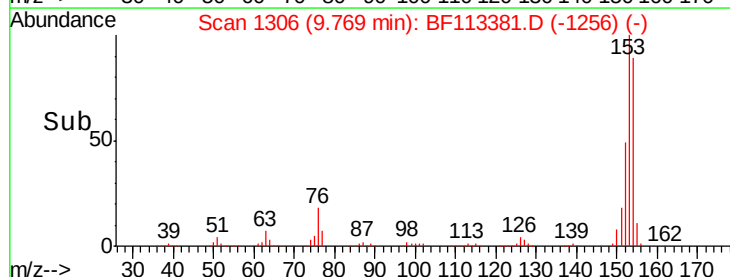
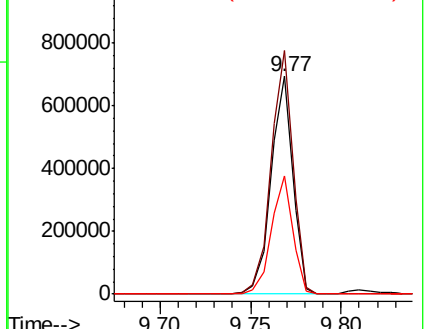
152 54.4 43.3 64.9

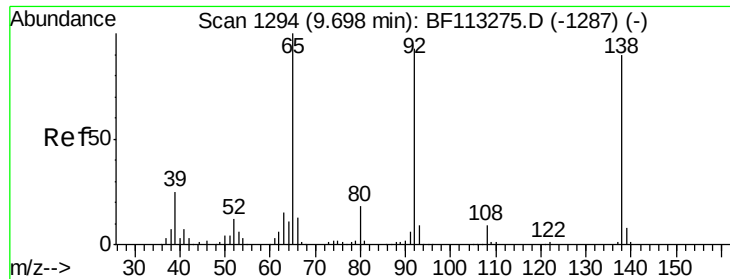


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

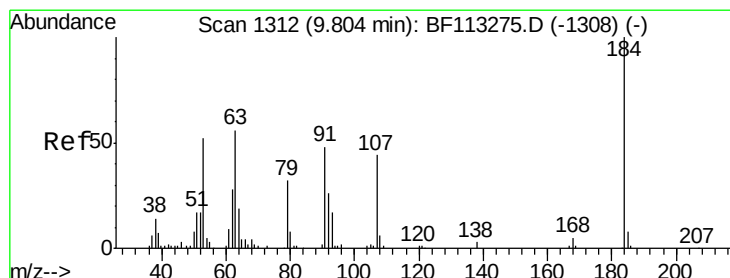
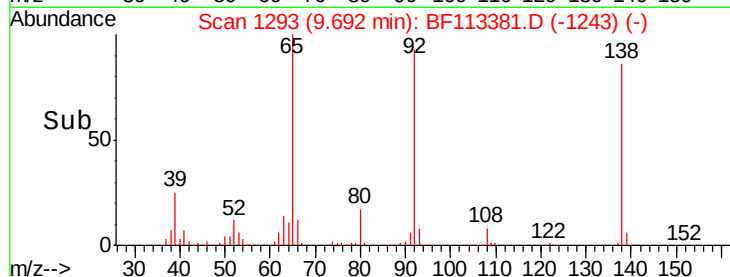
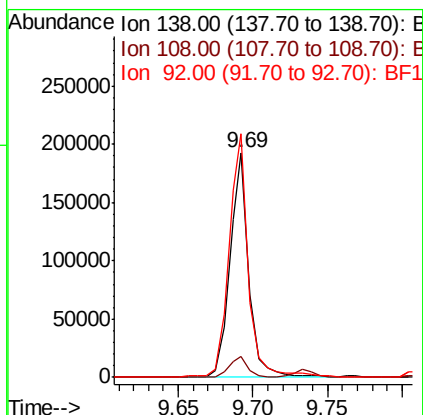
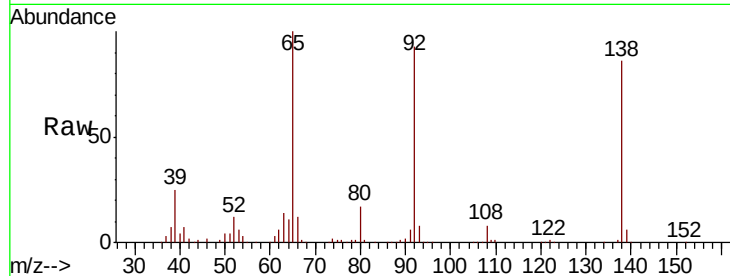




#53
3-Nitroaniline
Concen: 27.182 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

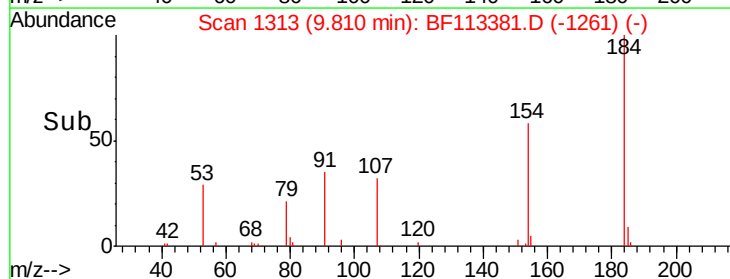
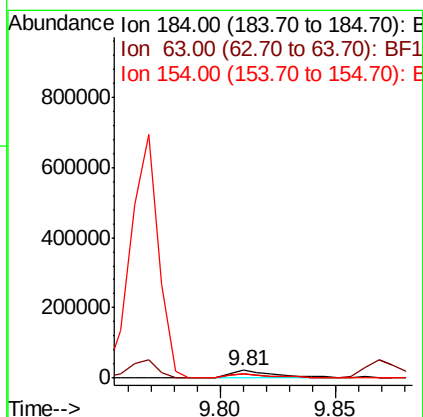
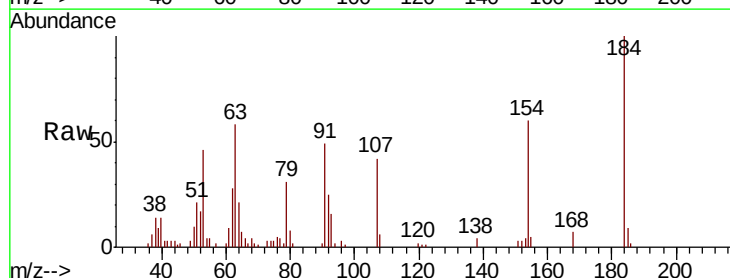
Instrument :
BNA_F
ClientSampled :
TP-8MS

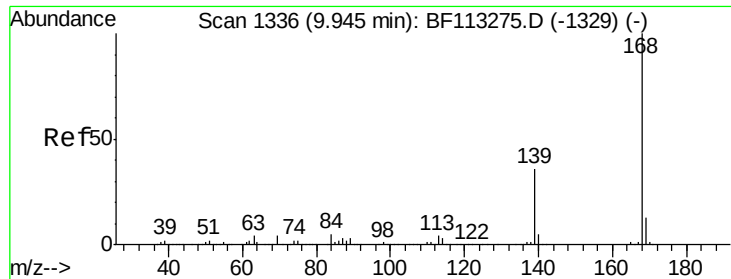
Tgt Ion:138 Resp: 171841
Ion Ratio Lower Upper
138 100
108 9.4 7.8 11.6
92 108.2 82.6 124.0



#54
2,4-Dinitrophenol
Concen: 11.036 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion:184 Resp: 30770
Ion Ratio Lower Upper
184 100
63 57.7 54.3 81.5
154 60.1 48.4 72.6

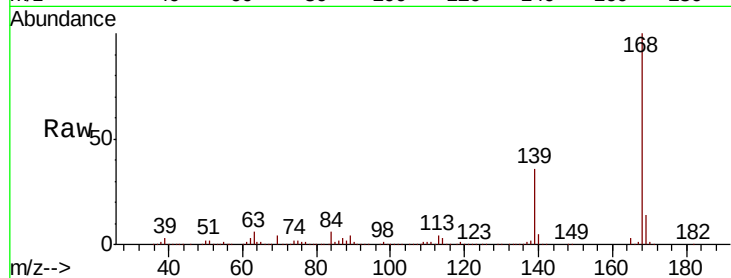




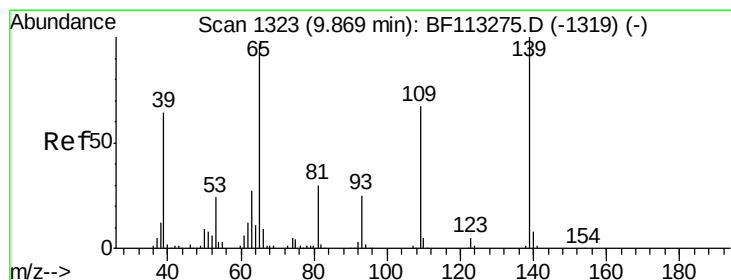
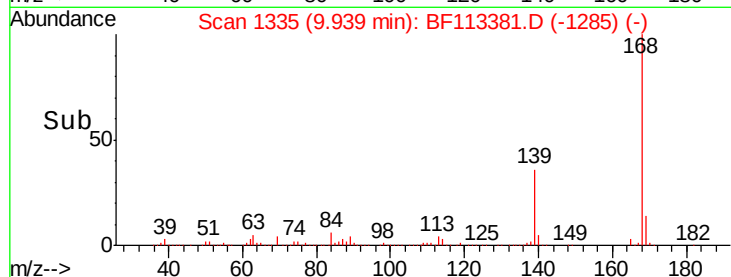
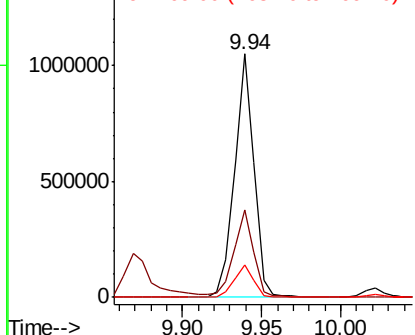
#55
Dibenzofuran
Concen: 30.231 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tgt Ion:168 Resp: 892332
Ion Ratio Lower Upper
168 100
139 35.9 29.7 44.5
169 13.6 10.7 16.1

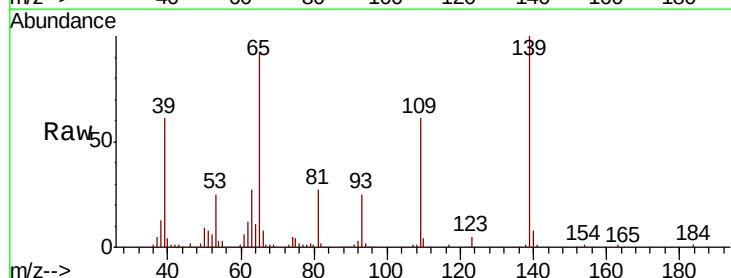


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

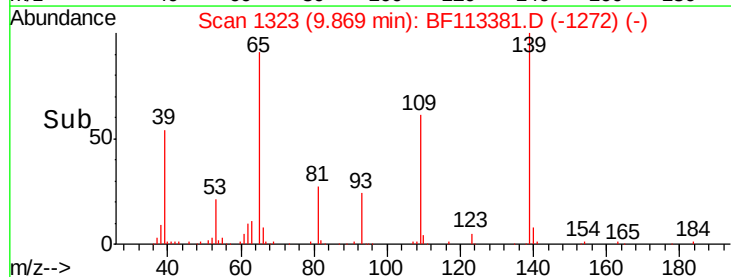
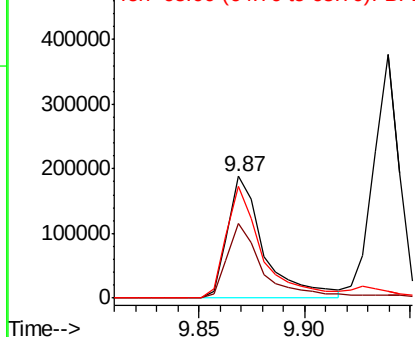


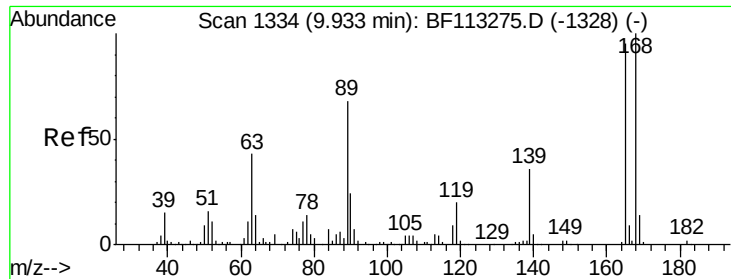
#56
4-Nitrophenol
Concen: 50.076 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion:139 Resp: 225701
Ion Ratio Lower Upper
139 100
109 60.9 46.9 86.9
65 91.6 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

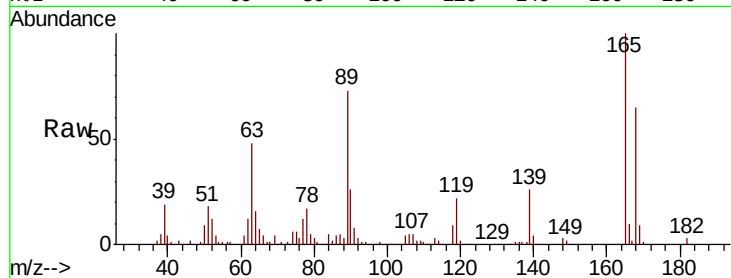




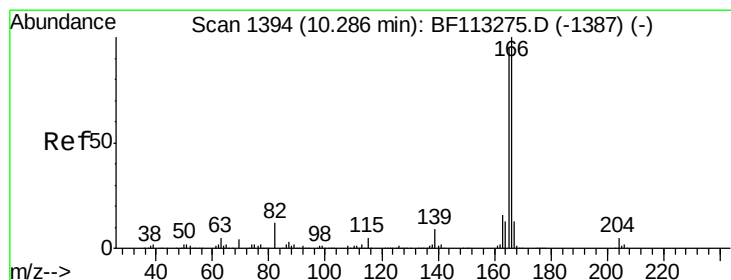
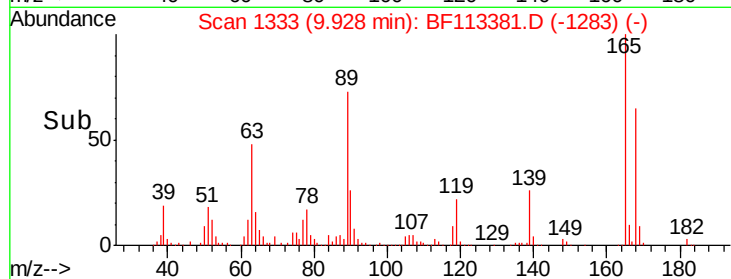
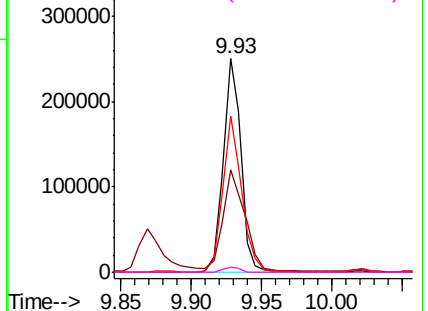
#57
 2,4-Dinitrotoluene
 Concen: 30.690 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-8MS

Tgt Ion:	165	Resp:	218796
Ion	Ratio	Lower	Upper
165	100		
63	48.1	37.5	56.3
89	73.4	57.4	86.2
182	2.6	2.0	3.0

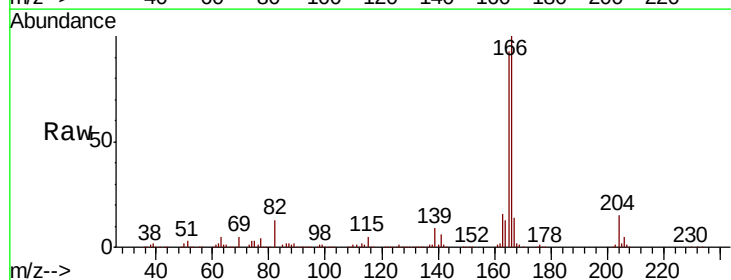


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

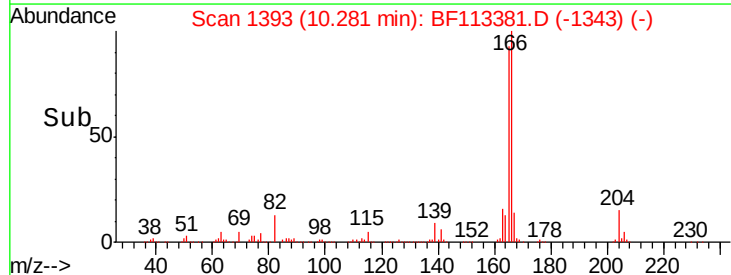
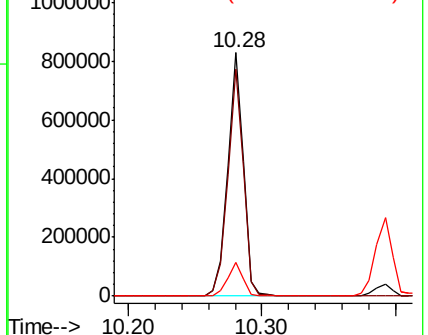


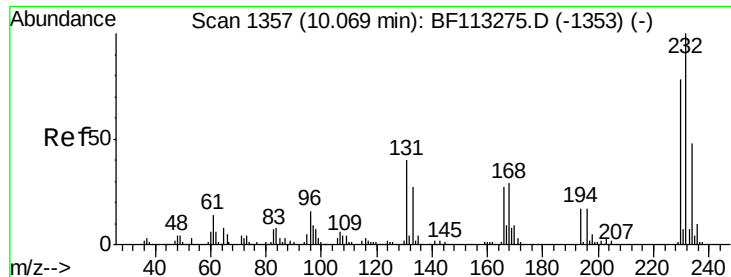
#58
 Fluorene
 Concen: 30.013 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Tgt Ion:	166	Resp:	688196
Ion	Ratio	Lower	Upper
166	100		
165	93.1	76.2	114.2
167	13.7	10.7	16.1



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

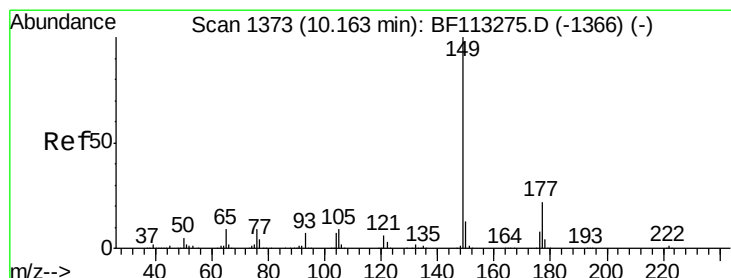
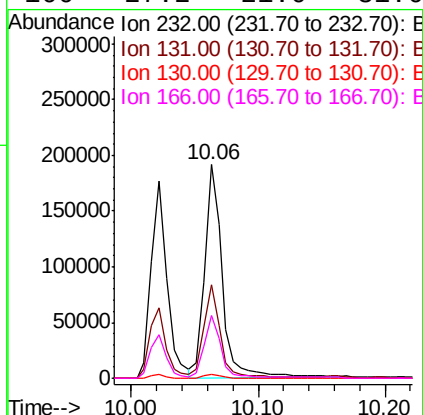
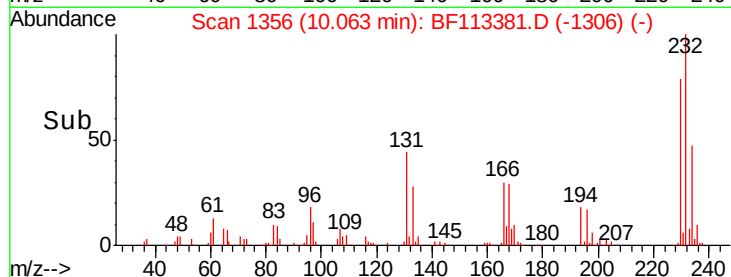
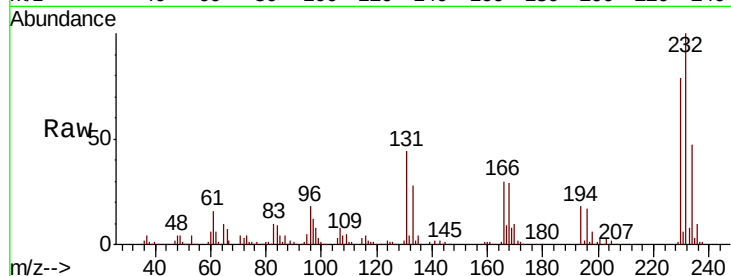




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 28.188 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

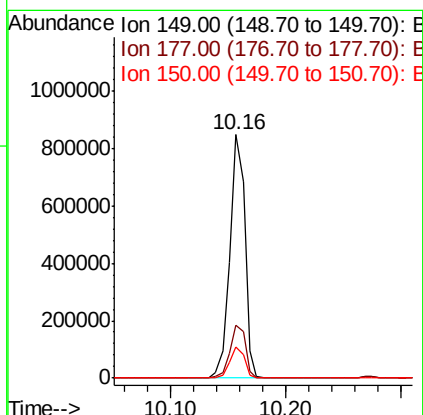
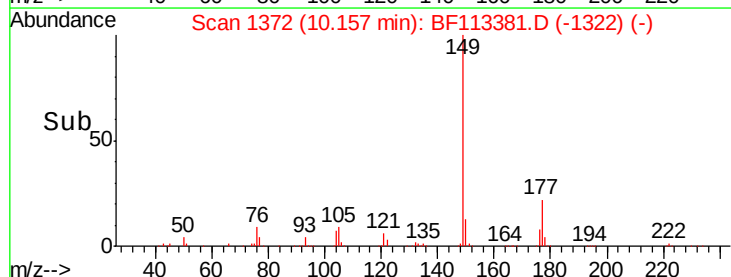
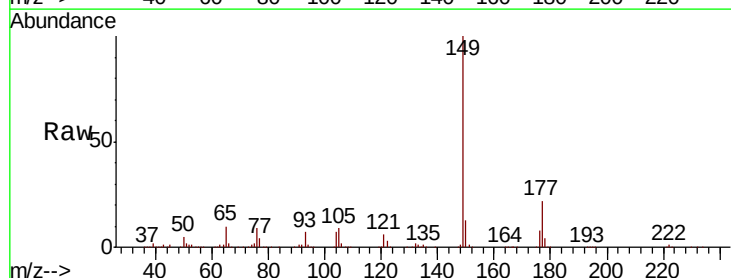
Instrument :
 BNA_F
 ClientSampleId :
 TP-8MS

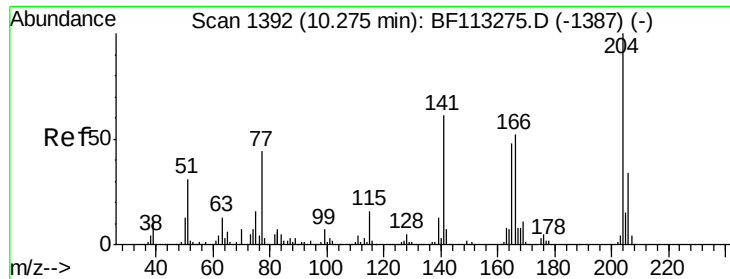
Tgt Ion:	232	Resp:	184902
Ion	Ratio	Lower	Upper
232	100		
131	40.8	33.2	49.8
130	1.9	1.6	2.4
166	27.2	21.0	31.6



#60
 Diethylphthalate
 Concen: 31.464 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Tgt Ion:	149	Resp:	767009
Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.0
150	12.7	10.0	15.0

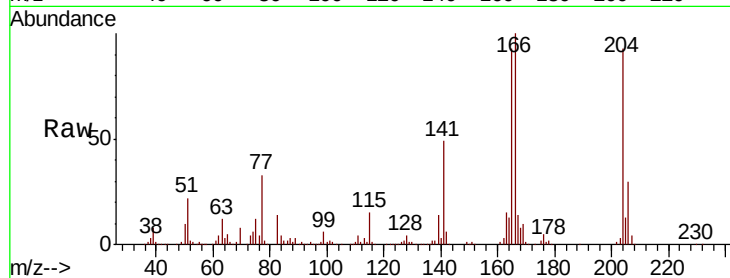




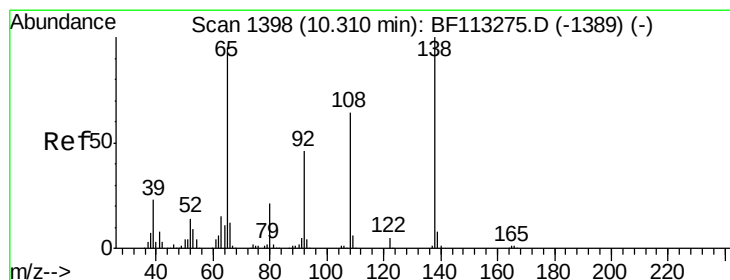
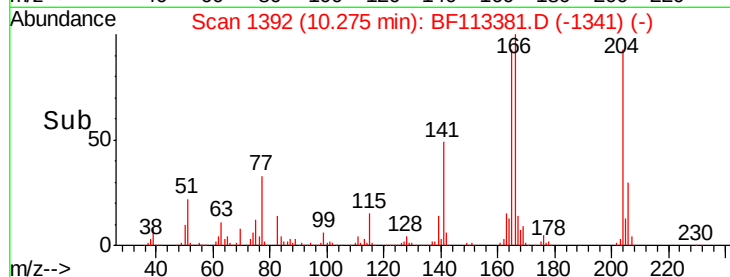
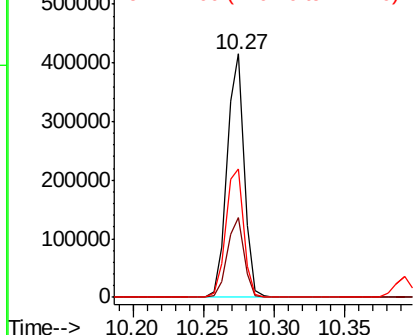
#61
4-Chlorophenyl-phenylether
Concen: 31.229 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampled :
TP-8MS

Tgt Ion: 204 Resp: 349010
Ion Ratio Lower Upper
204 100
206 32.5 26.9 40.3
141 52.5 48.8 73.2

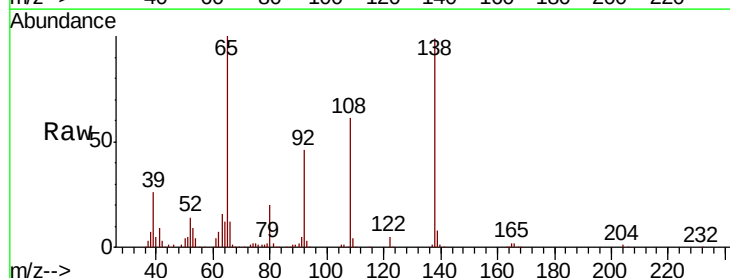


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

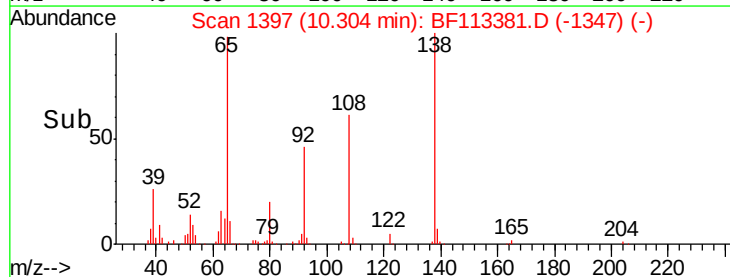
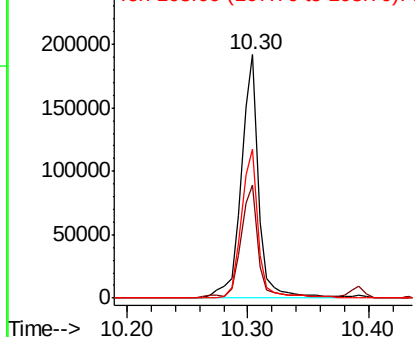


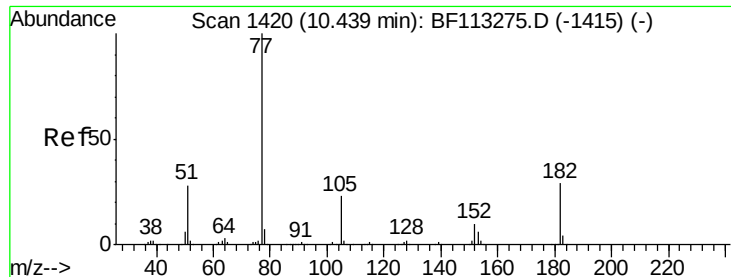
#62
4-Nitroaniline
Concen: 29.846 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion: 138 Resp: 194267
Ion Ratio Lower Upper
138 100
92 46.2 25.8 65.8
108 61.3 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: 30.731 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

ClientSampleId :

TP-8MS

Tgt Ion: 77 Resp: 705177

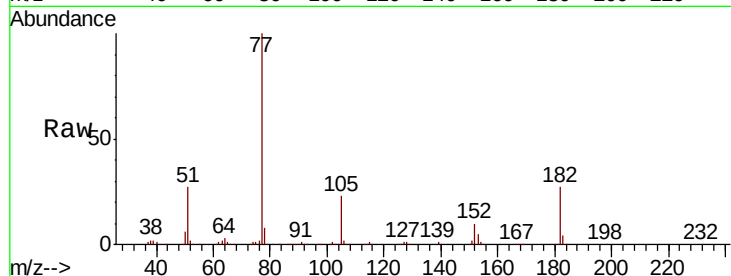
Ion Ratio Lower Upper

77 100

182 27.2 8.7 48.7

105 23.3 2.9 42.9

51 27.5 8.8 48.8

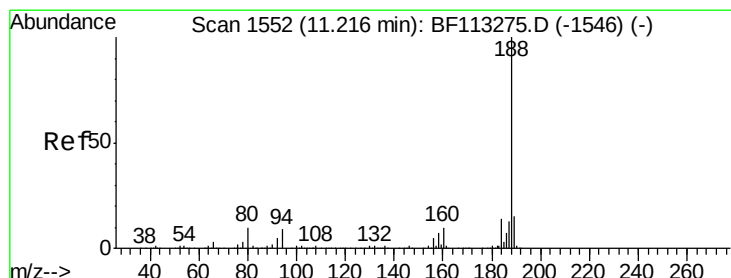
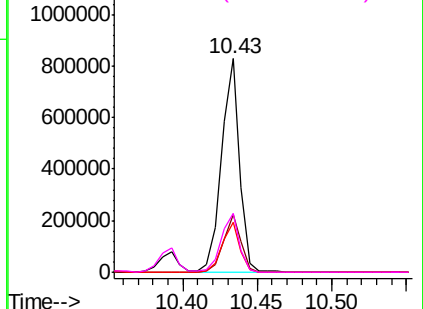
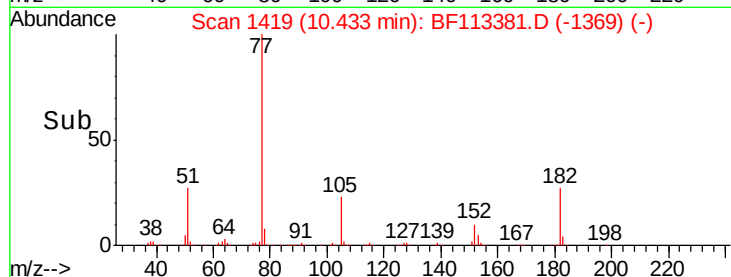


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

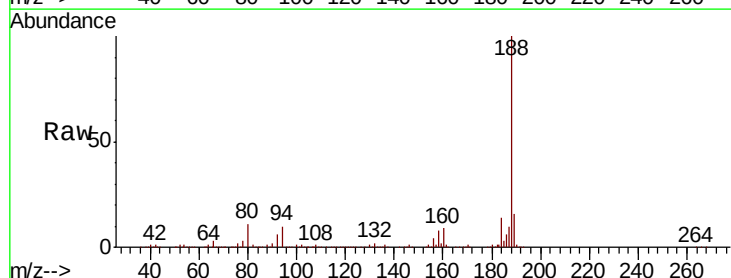
Tgt Ion: 188 Resp: 697304

Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.6

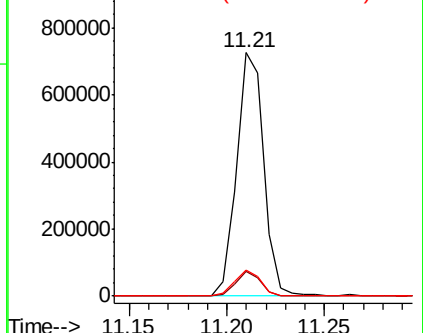
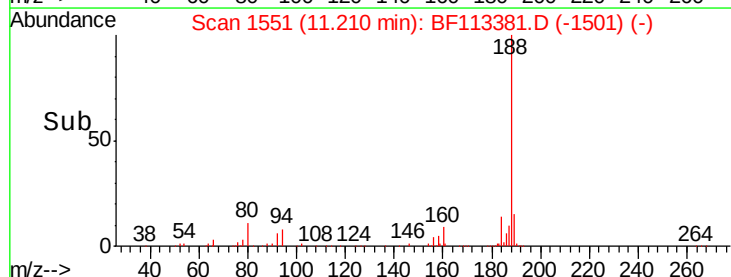
80 10.9 7.7 11.5

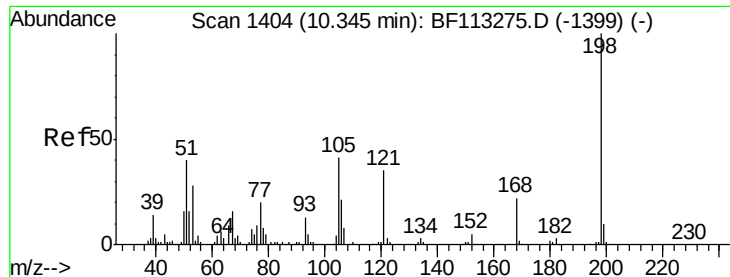


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.799 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

ClientSampleId :

TP-8MS

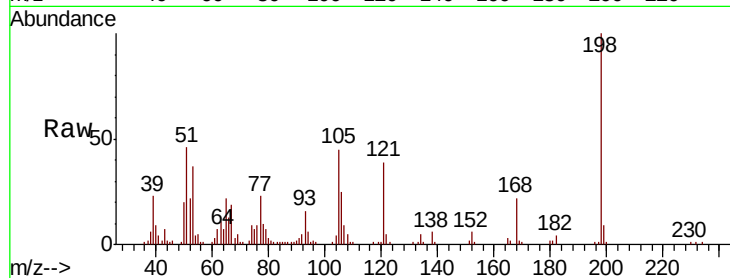
Tgt Ion:198 Resp: 56451

Ion Ratio Lower Upper

198 100

51 46.3 21.6 61.6

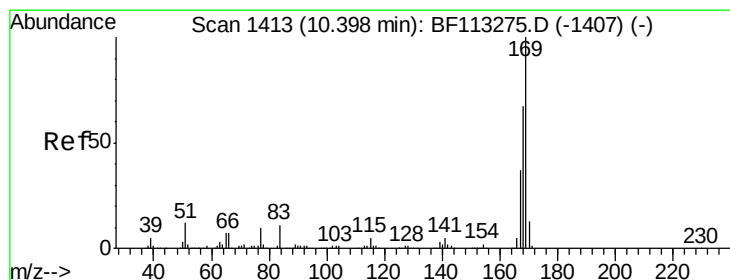
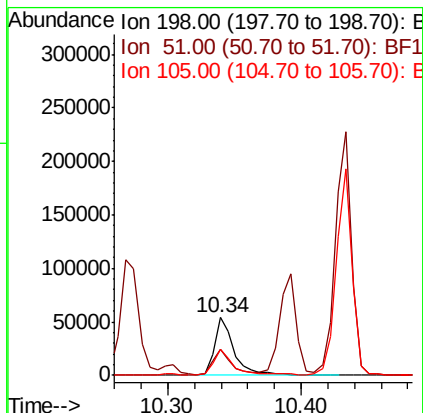
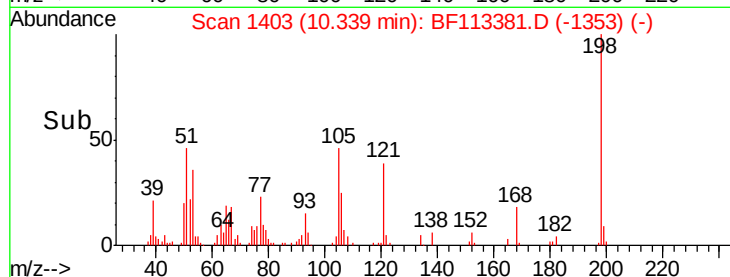
105 45.5 20.6 60.6



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: 29.563 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

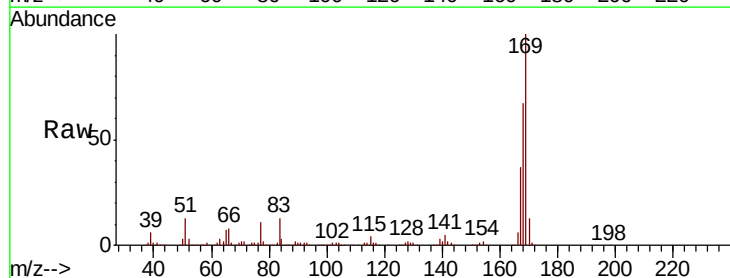
Tgt Ion:169 Resp: 632549

Ion Ratio Lower Upper

169 100

168 66.6 53.7 80.5

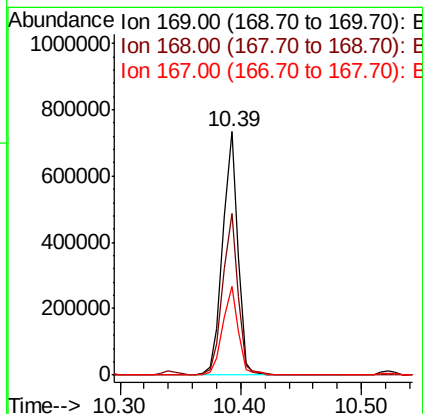
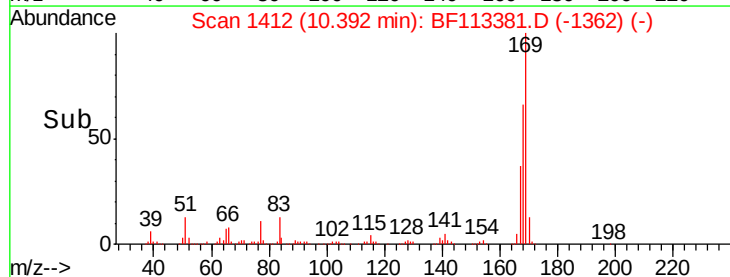
167 36.7 29.5 44.3

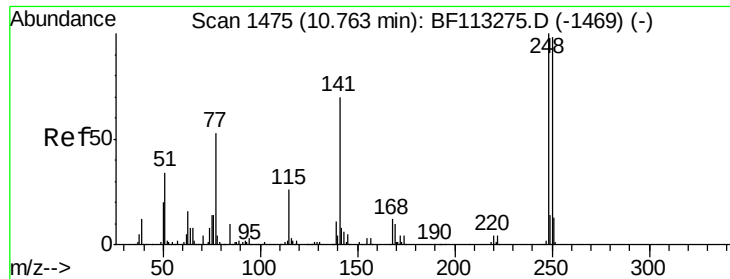


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

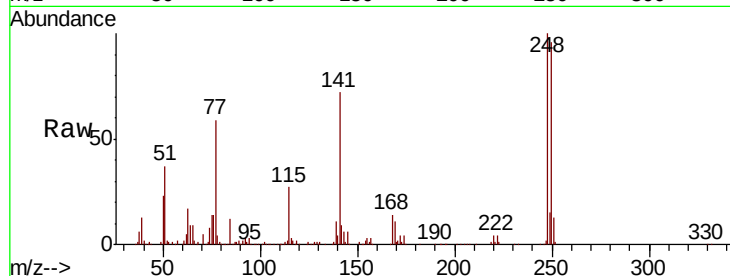




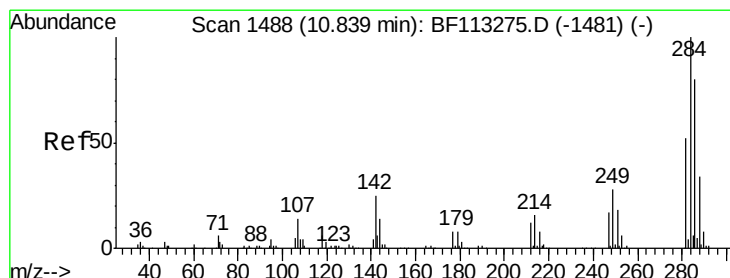
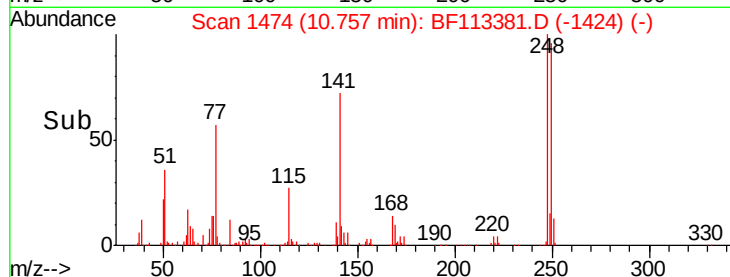
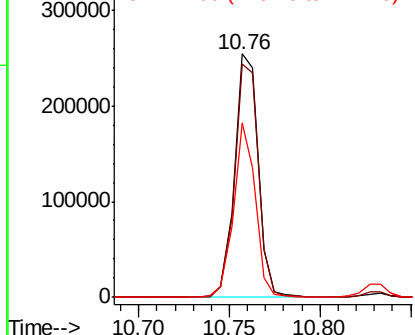
#67
4-Bromophenyl-phenylether
Concen: 30.465 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tgt Ion:248 Resp: 231539
Ion Ratio Lower Upper
248 100
250 95.9 78.3 117.5
141 71.6 56.2 84.4

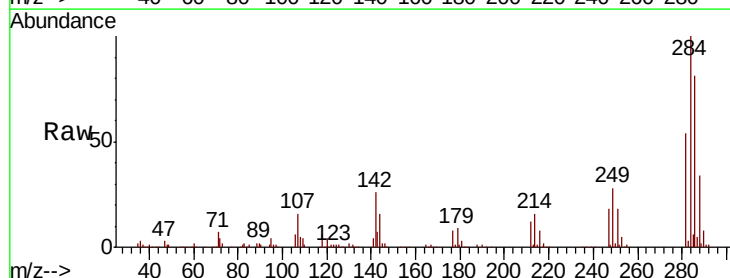


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

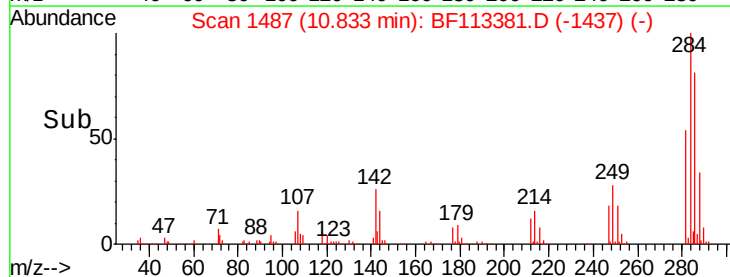
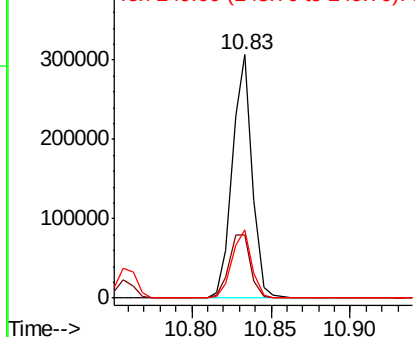


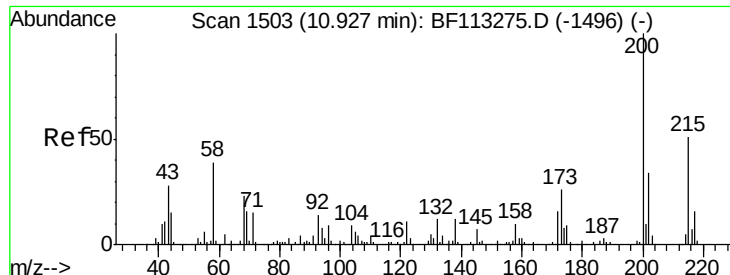
#68
Hexachlorobenzene
Concen: 29.925 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion:284 Resp: 263989
Ion Ratio Lower Upper
284 100
142 25.9 20.1 30.1
249 28.3 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

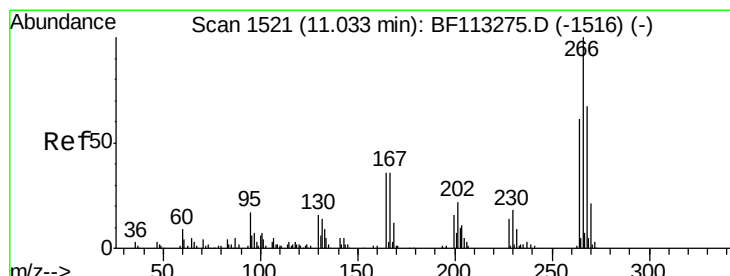
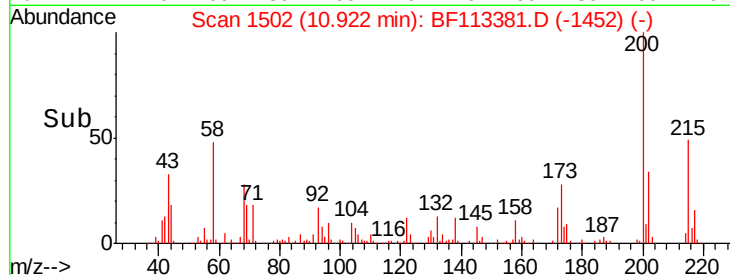
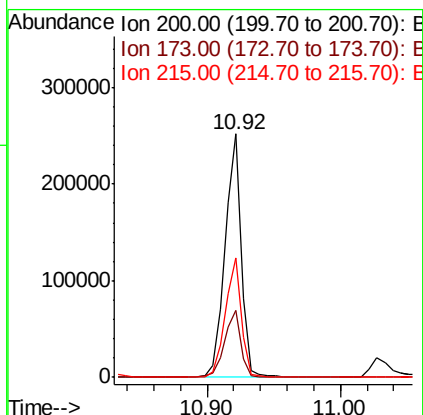
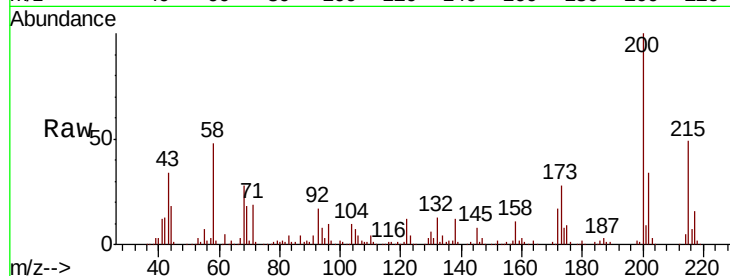




#69
Atrazine
Concen: 32.197 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

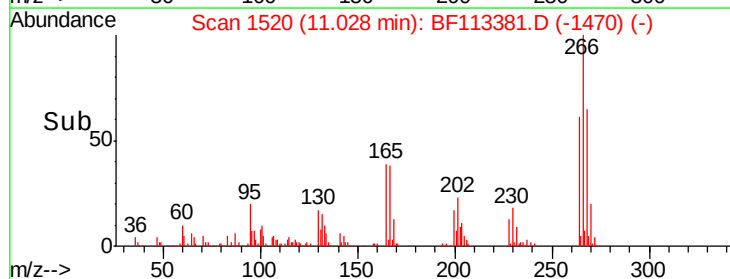
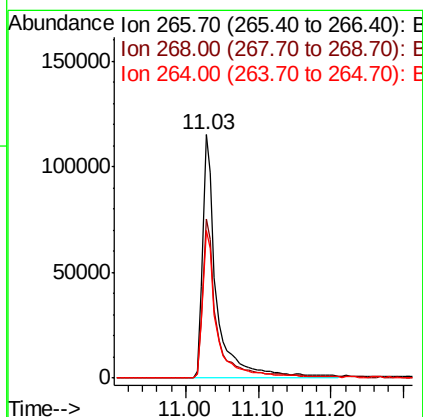
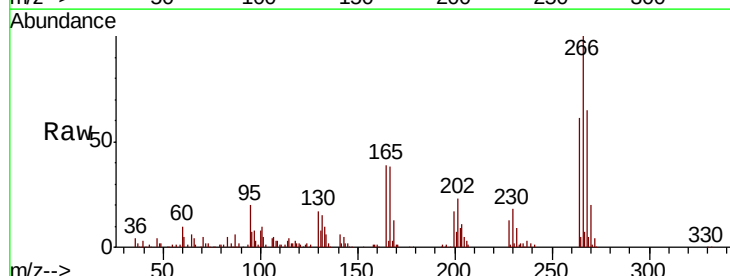
Instrument :
BNA_F
ClientSampleId :
TP-8MS

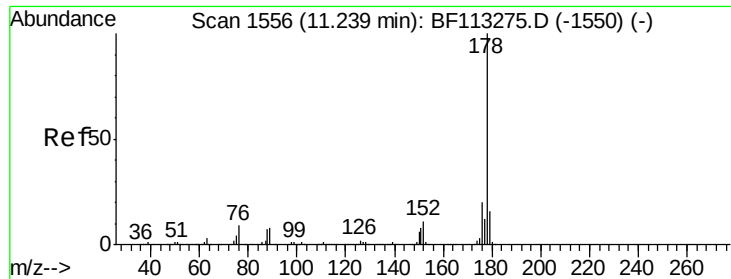
Tgt Ion:200 Resp: 217447
Ion Ratio Lower Upper
200 100
173 27.7 6.0 46.0
215 49.1 31.3 71.3



#70
Pentachlorophenol
Concen: 34.206 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion:266 Resp: 157217
Ion Ratio Lower Upper
266 100
268 65.2 53.8 80.6
264 60.5 49.2 73.8





#71

Phenanthrene

Concen: 30.152 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

ClientSampleId :

TP-8MS

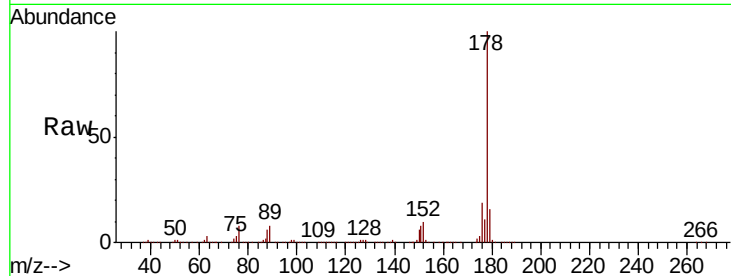
Tgt Ion:178 Resp: 1044104

Ion Ratio Lower Upper

178 100

176 19.5 16.2 24.2

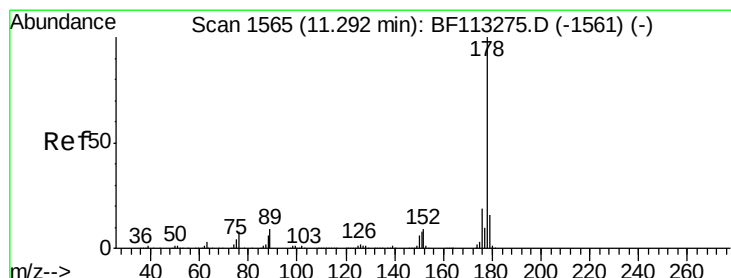
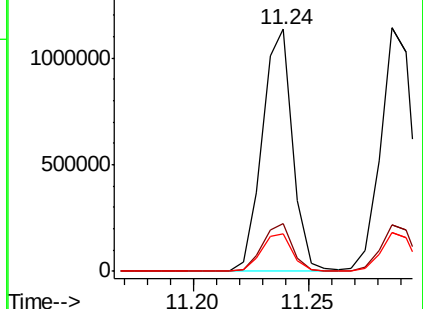
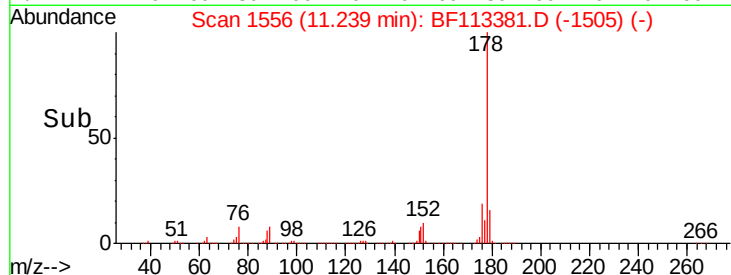
179 15.6 12.7 19.1



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: 31.317 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

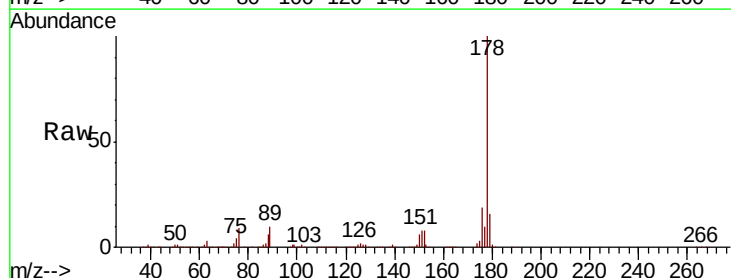
Tgt Ion:178 Resp: 1101509

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

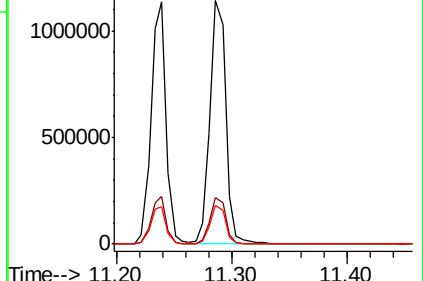
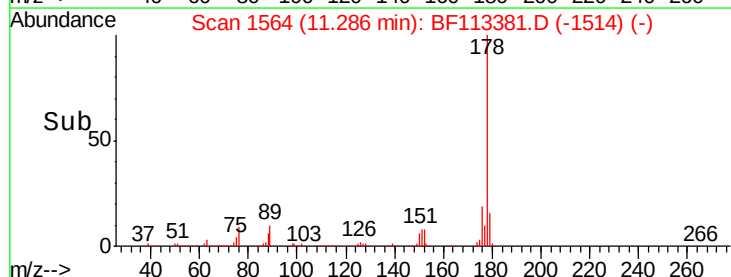
179 15.8 12.8 19.2

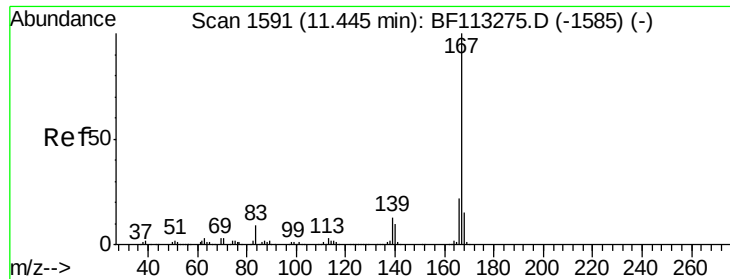


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

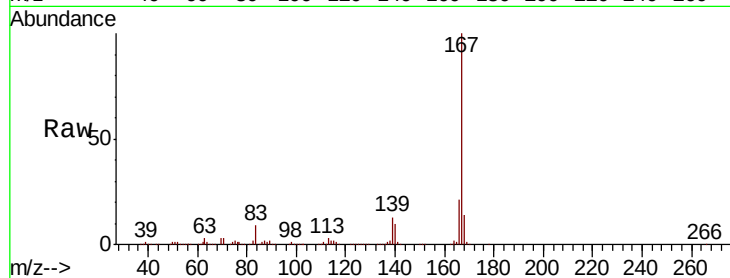




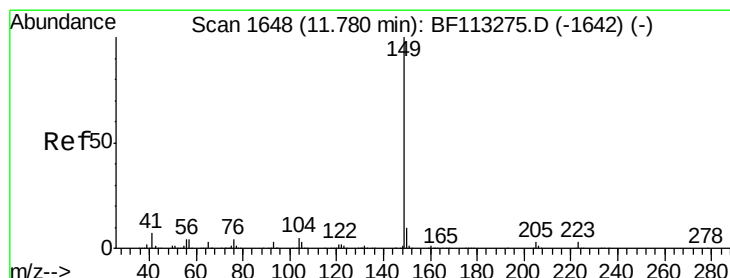
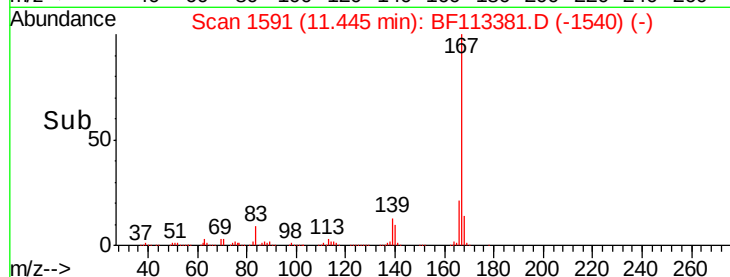
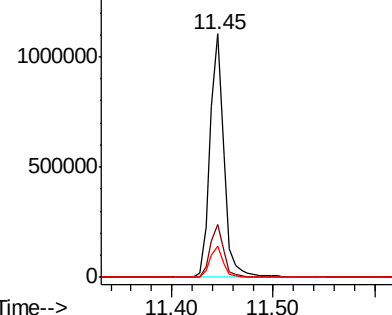
#73
 Carbazole
 Concen: 31.216 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Instrument :
 BNA_F
 ClientSampled :
 TP-8MS

Tgt Ion:167 Resp: 1047696
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 12.6 10.4 15.6

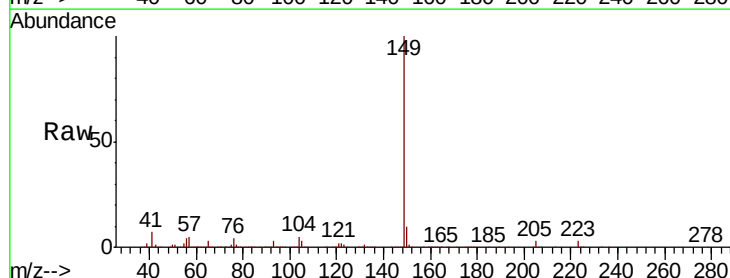


Abundance Ion 167.00 (166.70 to 167.70): E
 1500000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

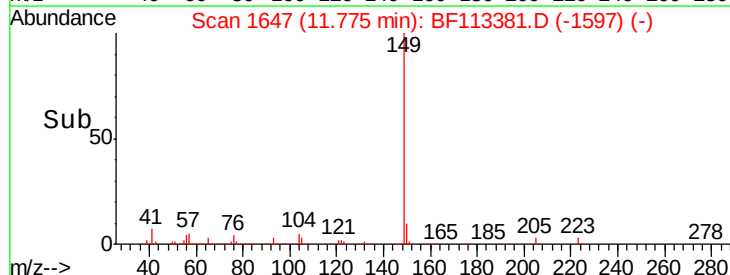
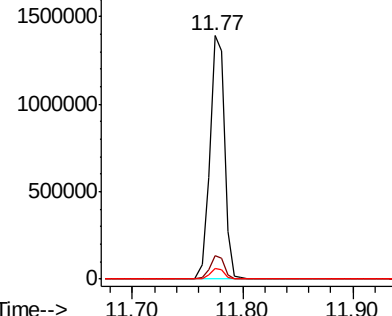


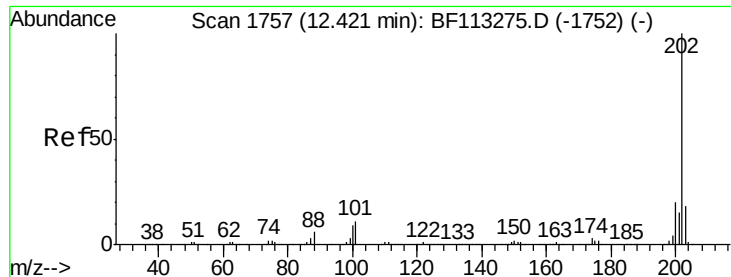
#74
 Di-n-butylphthalate
 Concen: 33.381 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Tgt Ion:149 Resp: 1299217
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 4.6 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
 1500000 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

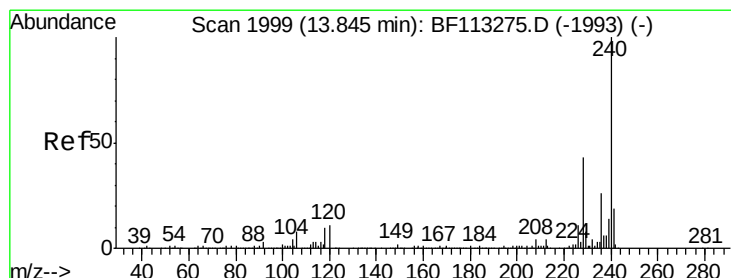
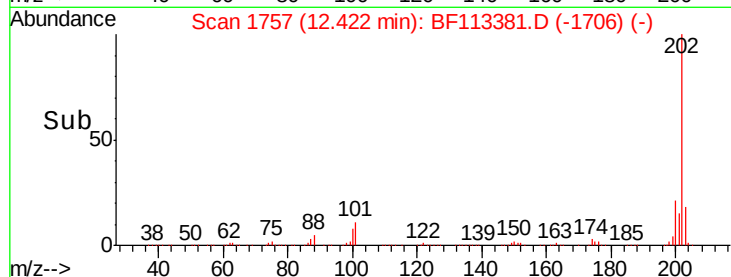
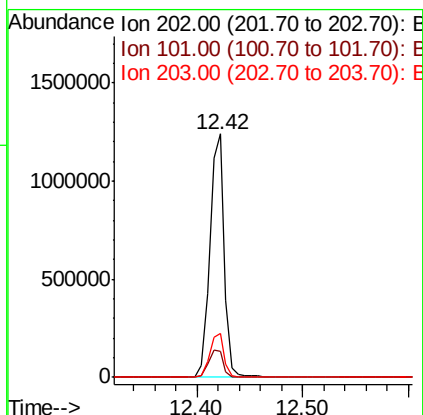
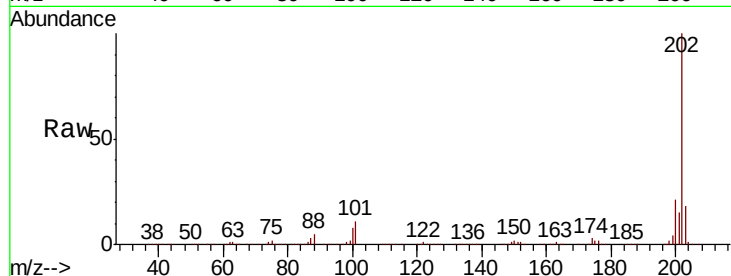




#75
Fluoranthene
Concen: 30.244 ng
RT: 12.42 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

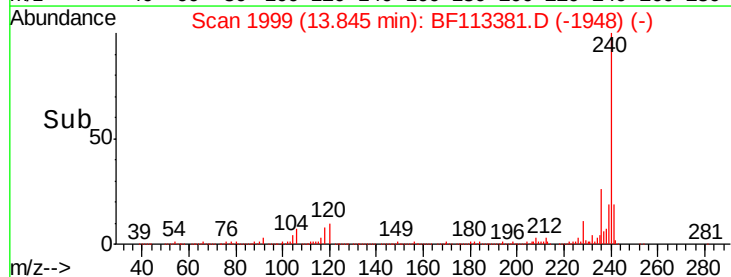
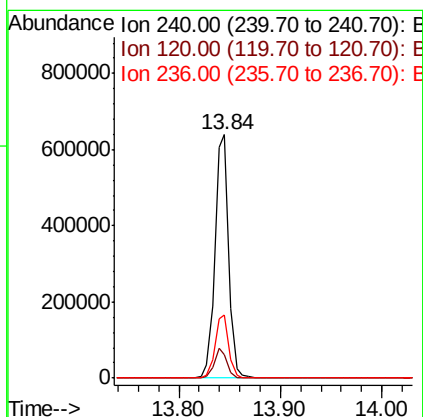
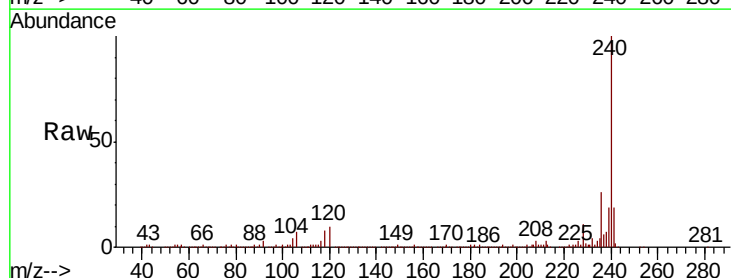
Instrument :
BNA_F
ClientSampleId :
TP-8MS

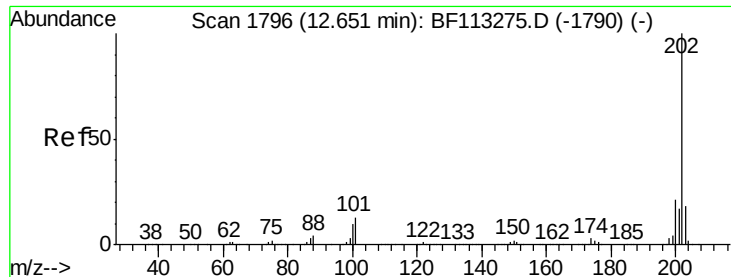
Tgt Ion: 202 Resp: 1183964
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 18.2 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion: 240 Resp: 600708
Ion Ratio Lower Upper
240 100
120 9.9 8.8 13.2
236 26.1 20.9 31.3

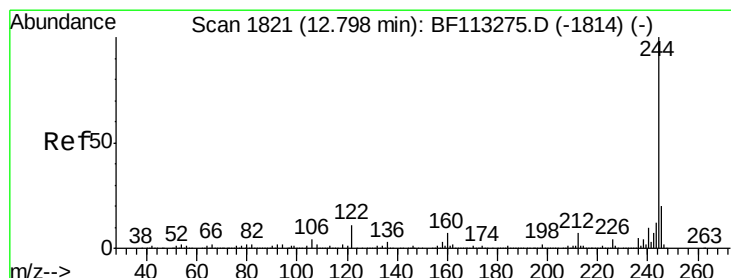
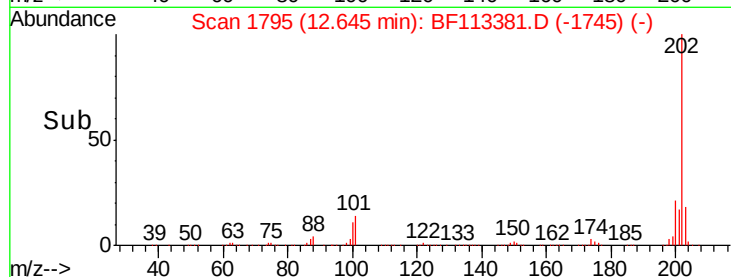
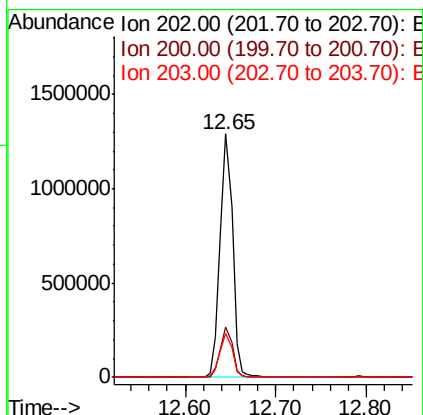
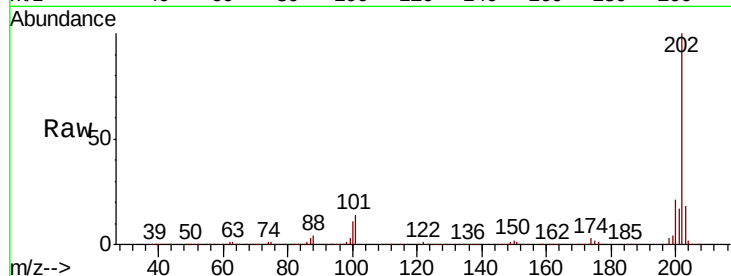




#78
Pyrene
Concen: 29.405 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

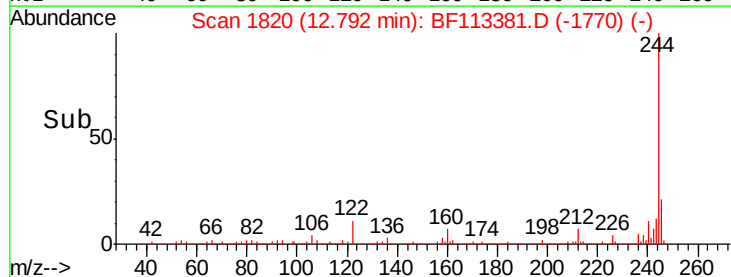
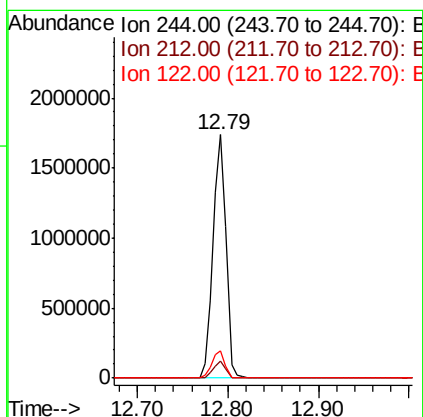
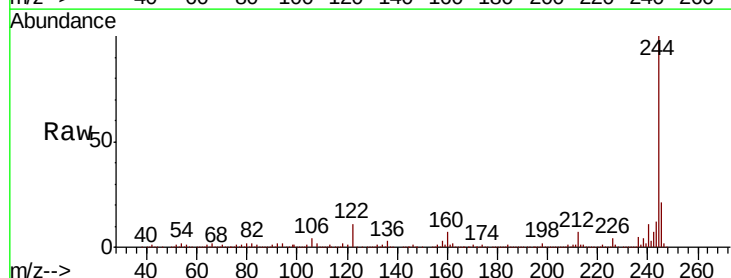
Instrument :
BNA_F
ClientSampleId :
TP-8MS

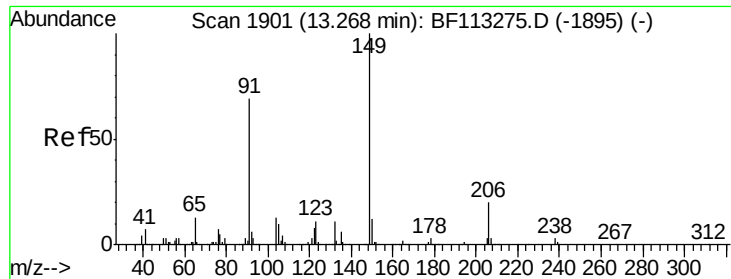
Tgt Ion: 202 Resp: 1224041
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 18.0 14.4 21.6



#79
Terphenyl-d14
Concen: 64.569 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion: 244 Resp: 1759722
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 11.4 8.6 13.0

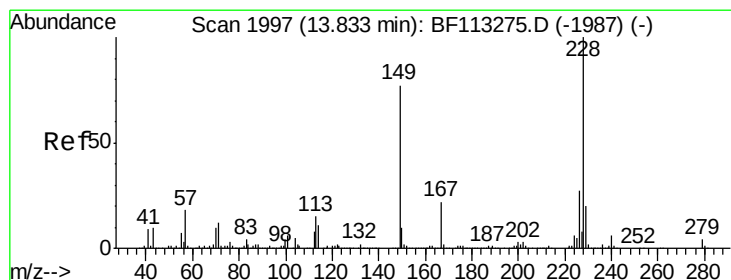
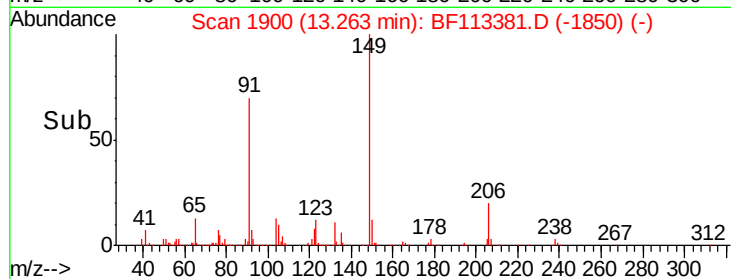
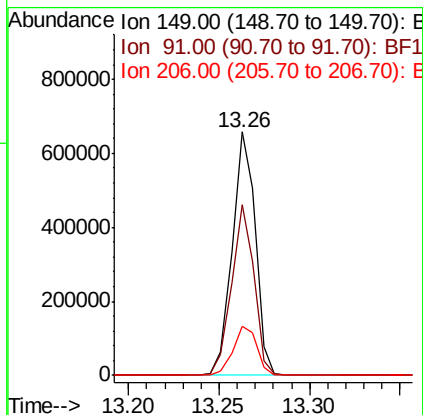
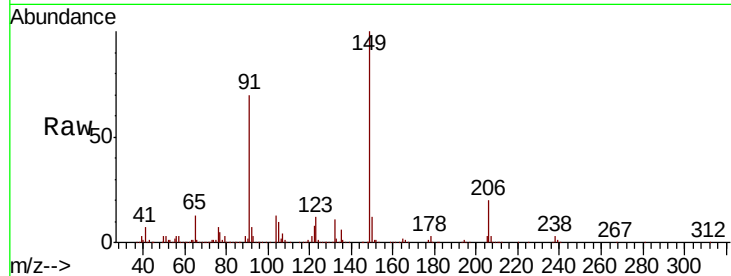




#80
Butylbenzylphthalate
Concen: 31.858 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

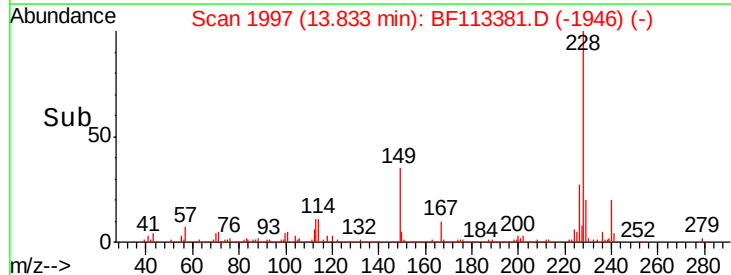
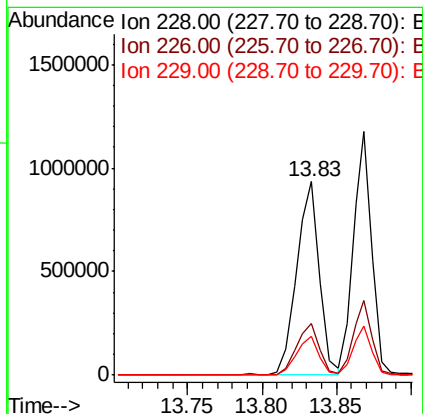
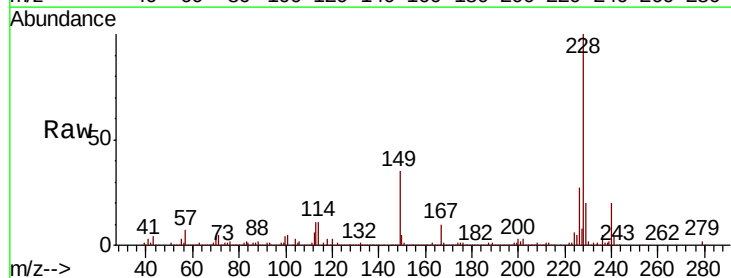
Instrument :
BNA_F
ClientSampleId :
TP-8MS

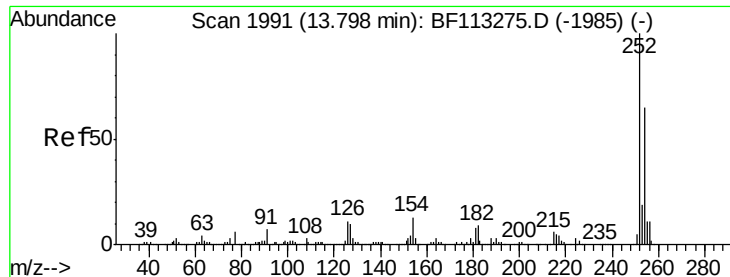
Tgt Ion:149 Resp: 584446
Ion Ratio Lower Upper
149 100
91 69.9 55.2 82.8
206 20.0 16.1 24.1



#81
Benzo(a)anthracene
Concen: 28.747 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion:228 Resp: 988475
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.9 16.2 24.4

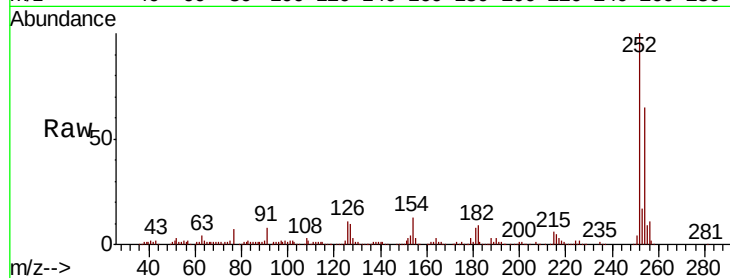




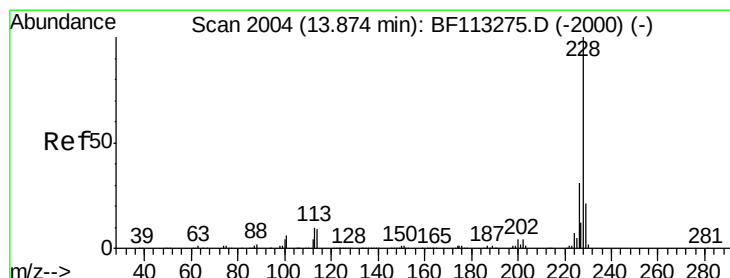
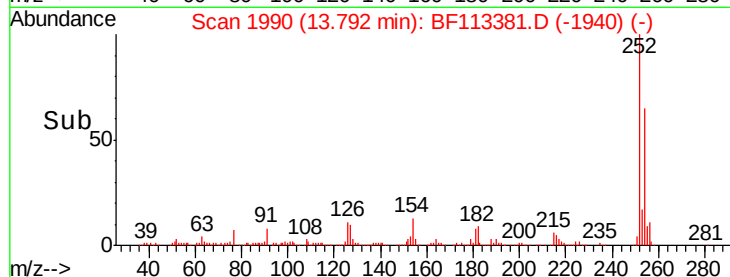
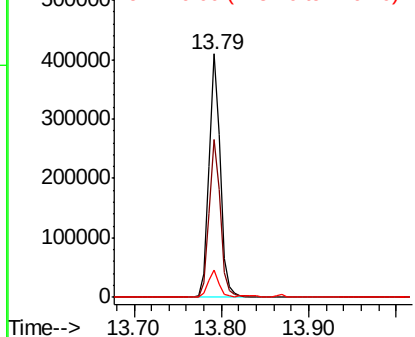
#82
 3,3'-Dichlorobenzidine
 Concen: 27.039 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-8MS

Tgt Ion:252 Resp: 372986
 Ion Ratio Lower Upper
 252 100
 254 65.1 52.2 78.2
 126 11.2 8.5 12.7

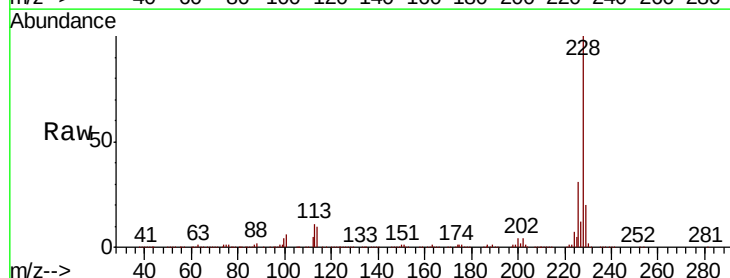


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

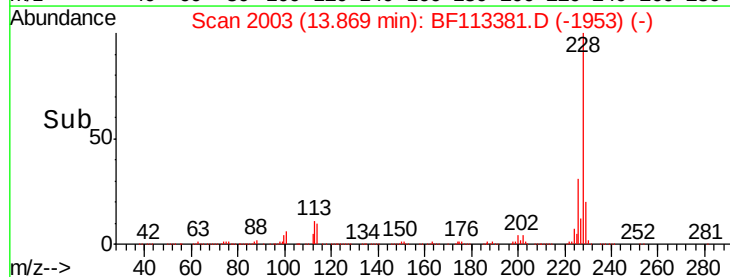
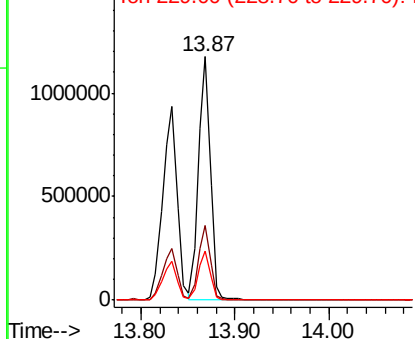


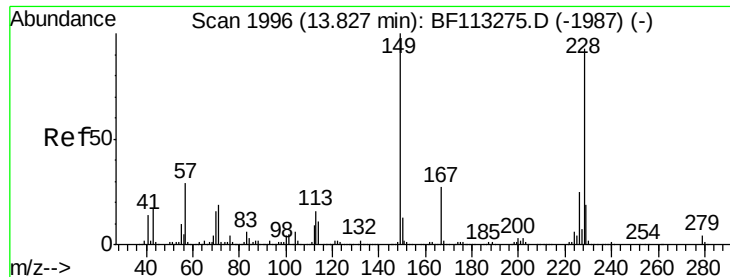
#83
 Chrysene
 Concen: 29.663 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Tgt Ion:228 Resp: 1036009
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.3 36.5
 229 20.1 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: 34.030 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

ClientSampleId :

TP-8MS

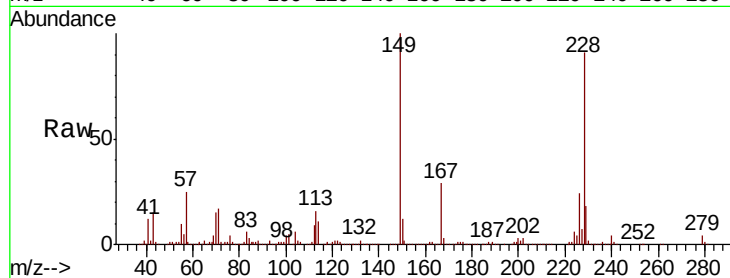
Tgt Ion:149 Resp: 765313

Ion Ratio Lower Upper

149 100

167 28.9 21.8 32.8

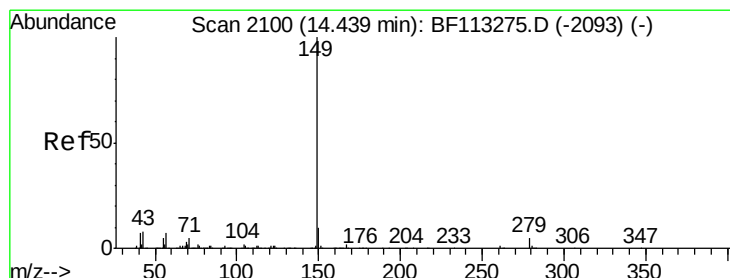
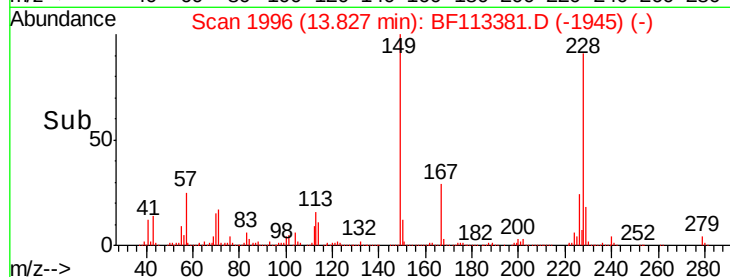
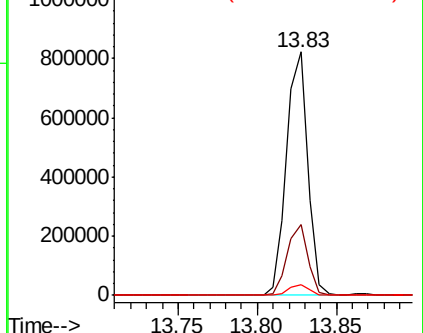
279 4.5 2.9 4.3#



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: 36.333 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

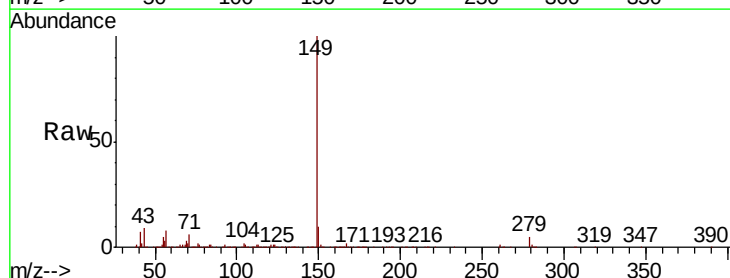
Tgt Ion:149 Resp: 1387005

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

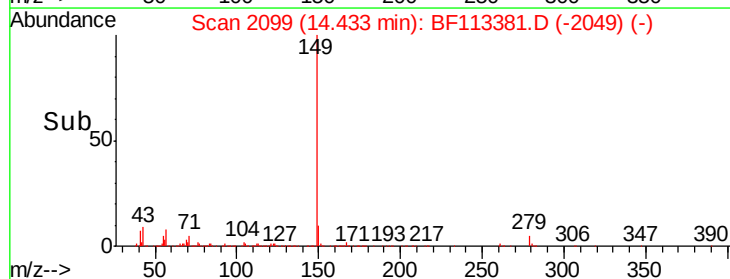
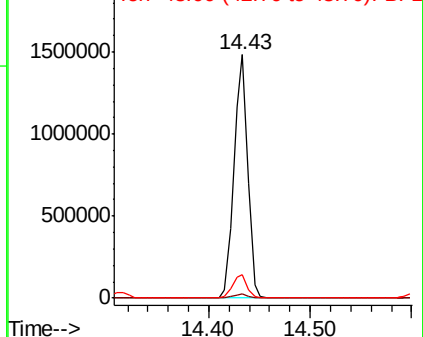
43 9.7 7.7 11.5

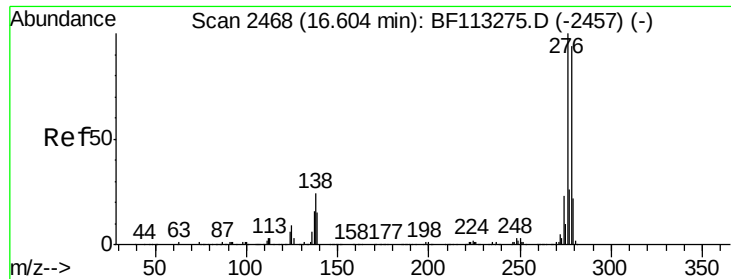


Abundance Ion 149.00 (148.70 to 149.70): E

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: 31.794 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

ClientSampleId :

TP-8MS

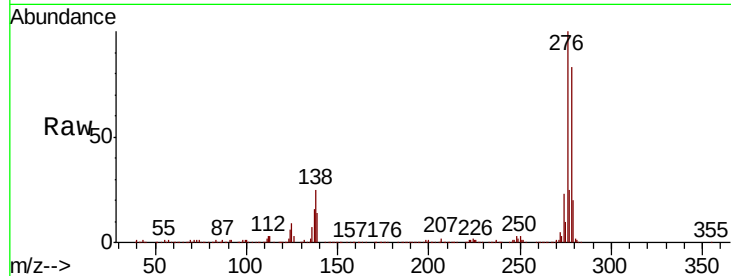
Tgt Ion:276 Resp: 953017

Ion Ratio Lower Upper

276 100

138 24.3 18.1 27.1

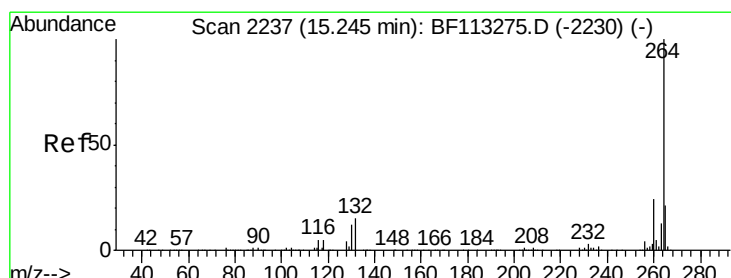
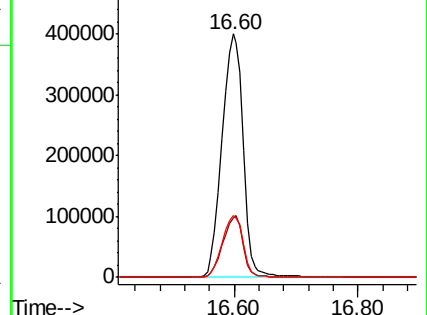
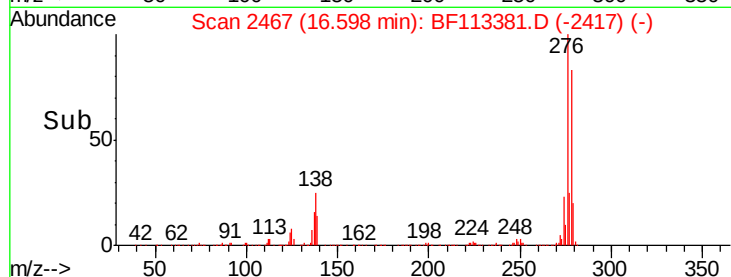
277 25.2 20.2 30.4



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: BF113381.D

Acq: 28 Mar 2019 18:36

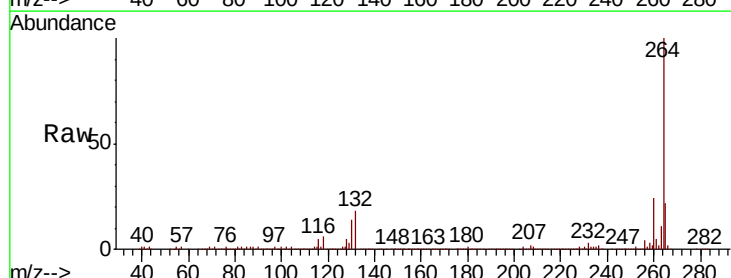
Tgt Ion:264 Resp: 561834

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

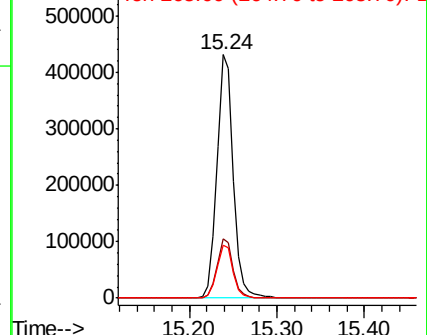
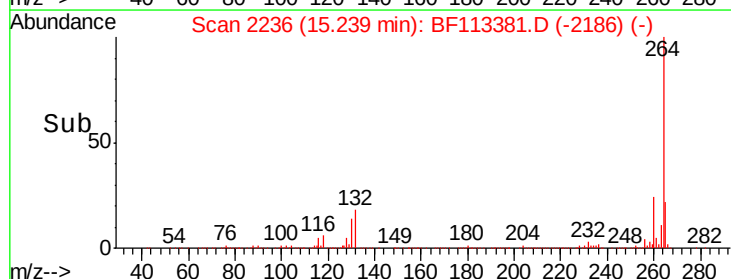
265 21.9 17.1 25.7

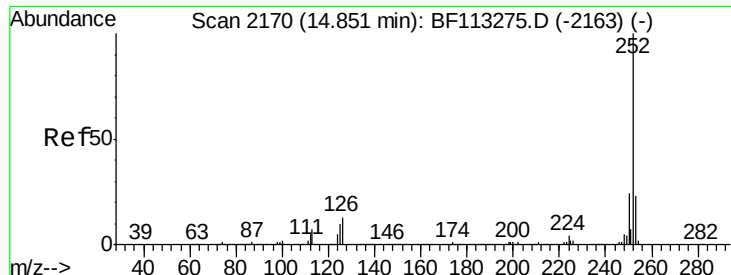


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

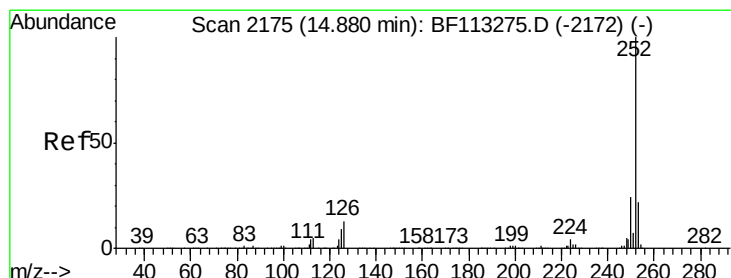
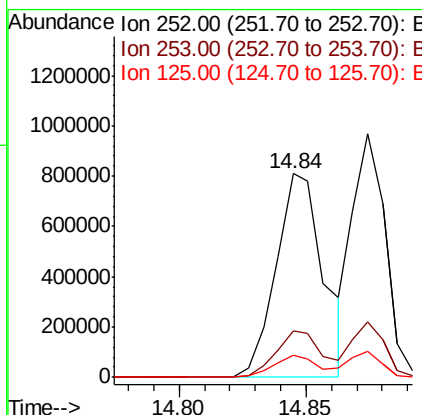
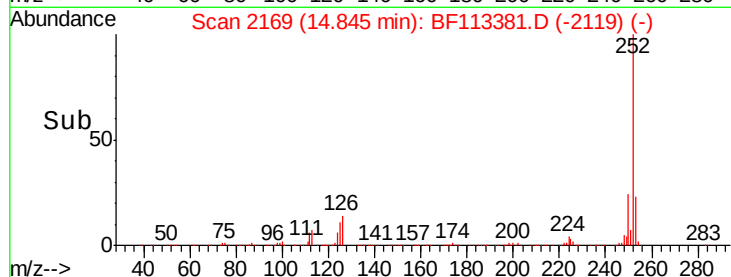
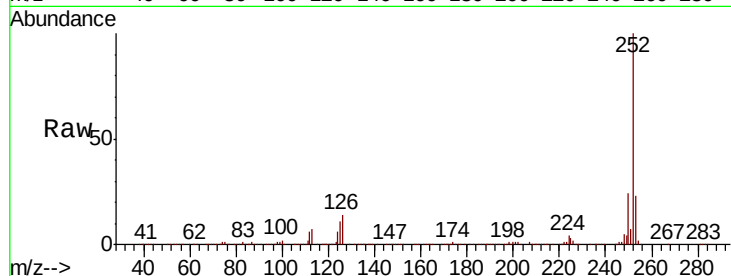




#88
Benzo(b)fluoranthene
Concen: 30.361 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

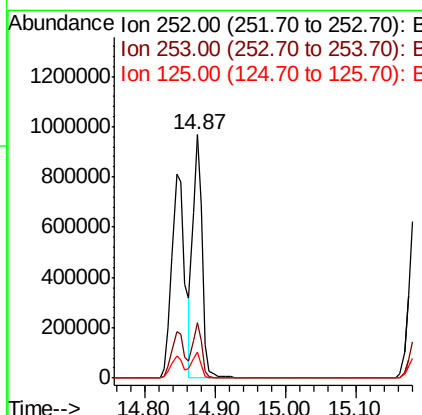
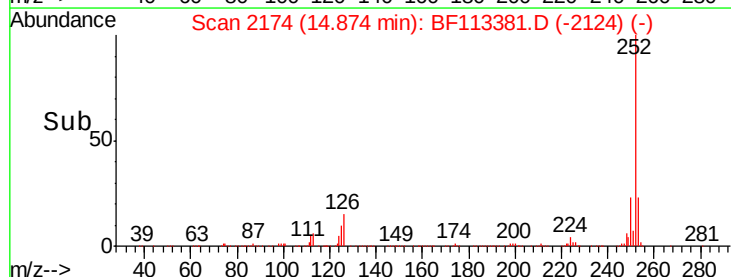
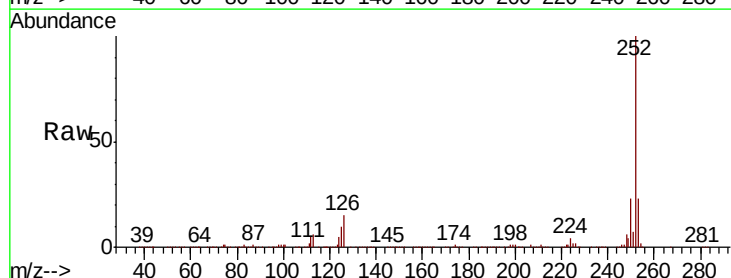
Instrument :
BNA_F
ClientSampleId :
TP-8MS

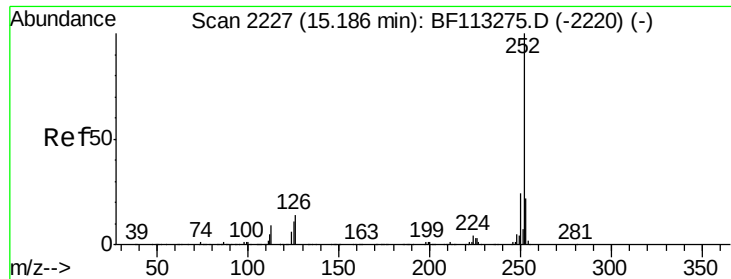
Tgt Ion:252 Resp: 1059638
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 10.8 7.6 11.4



#89
Benzo(k)fluoranthene
Concen: 29.340 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion:252 Resp: 899250
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 10.5 7.3 10.9





#90

Benzo(a)pyrene

Concen: 30.009 ng

RT: 15.19 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

ClientSampleId :

TP-8MS

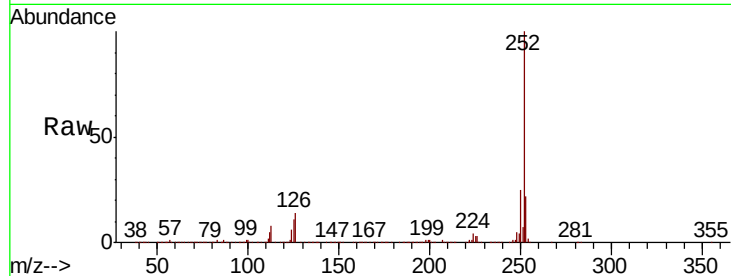
Tgt Ion:252 Resp: 928505

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

125 10.9 8.8 13.2

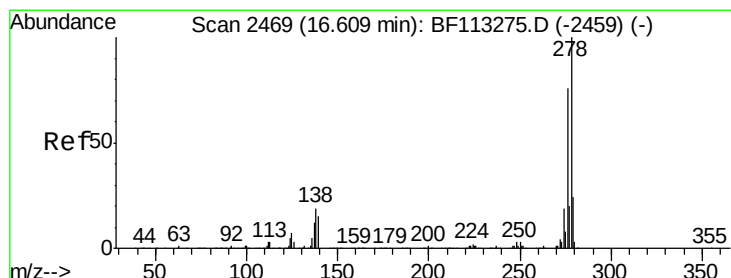
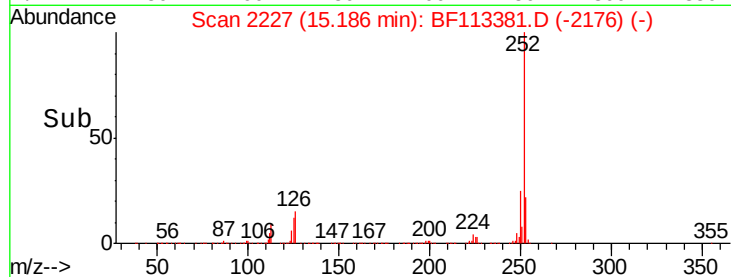
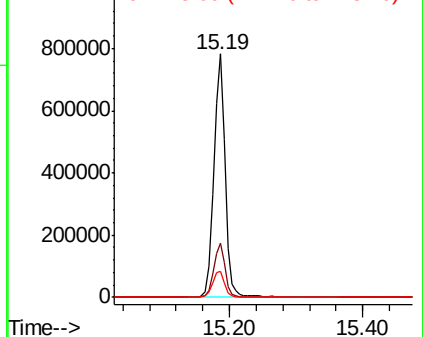


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 30.395 ng

RT: 16.61 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

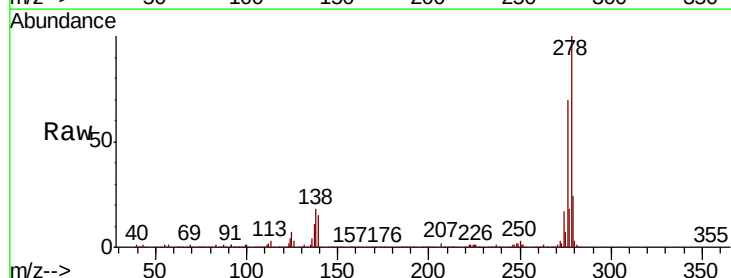
Tgt Ion:278 Resp: 813179

Ion Ratio Lower Upper

278 100

139 15.3 12.0 18.0

279 23.6 19.0 28.6

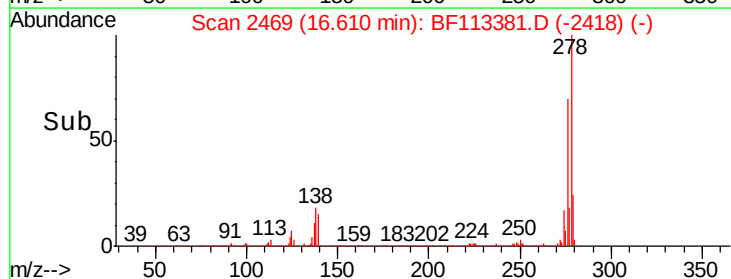
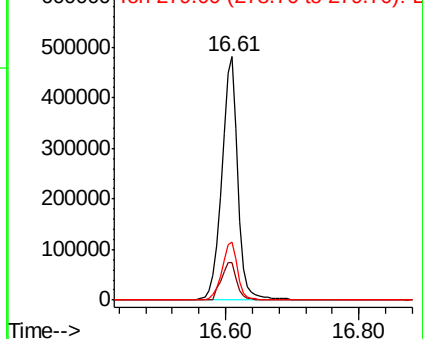


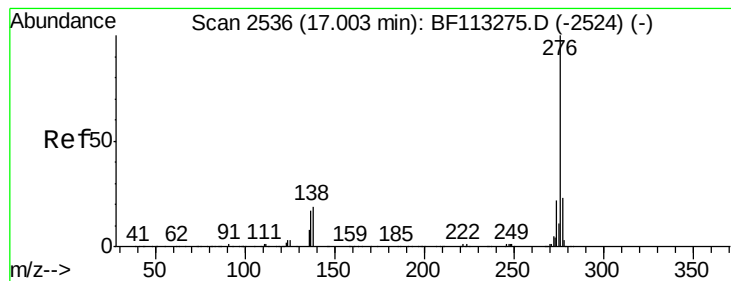
Abundance

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: 29.548 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.00 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

ClientSampleId :

TP-8MS

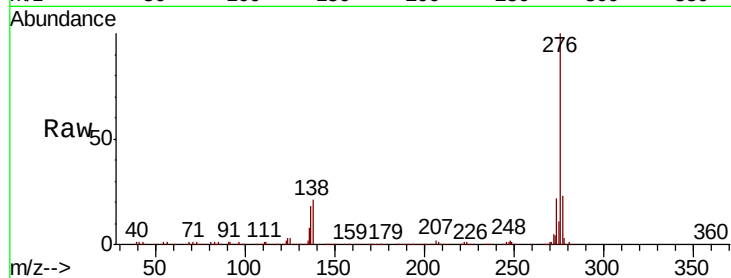
Tgt Ion: 276 Resp: 797068

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 20.6 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

