

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
 Data File : BF113548.D
 Acq On : 3 Apr 2019 17:10
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 17:37:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 03 16:09:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	132857	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	512408	20.00	ng	-0.02
39) Acenaphthene-d10	9.72	164	247011	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	477694	20.00	ng	-0.01
76) Chrysene-d12	13.84	240	329974	20.00	ng	0.00
87) Perylene-d12	15.25	264	272964	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	628362	80.65	ng	-0.02
7) Phenol-d6	6.33	99	775345	80.74	ng	-0.02
23) Nitrobenzene-d5	7.25	82	705751	80.68	ng	-0.02
42) 2,4,6-Tribromophenol	10.52	330	241550	81.41	ng	-0.01
45) 2-Fluorobiphenyl	9.05	172	1314689	85.68	ng	-0.01
79) Terphenyl-d14	12.79	244	1370584	84.57	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.32	88	144906	39.269	ng	99
3) Pyridine	3.03	79	378620	39.207	ng	98
4) n-Nitrosodimethylamine	2.97	42	164523	40.098	ng	93
6) Aniline	6.35	93	484908	41.660	ng	90
8) 2-Chlorophenol	6.47	128	365578	40.556	ng	96
9) Benzaldehyde	6.23	77	245351	42.971	ng	99
10) Phenol	6.35	94	447822	40.833	ng	96
11) bis(2-Chloroethyl)ether	6.42	93	340181	39.875	ng	98
12) 1,3-Dichlorobenzene	6.63	146	390198	40.195	ng	97
13) 1,4-Dichlorobenzene	6.70	146	396250	40.393	ng	99
14) 1,2-Dichlorobenzene	6.86	146	364712	41.188	ng	98
15) Benzyl Alcohol	6.83	79	272597	41.984	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.97	45	539928	40.660	ng	100
17) 2-Methylphenol	6.96	107	276919	39.641	ng	99
18) Hexachloroethane	7.19	117	143299	40.132	ng	98
19) n-Nitroso-di-n-propylamine	7.10	70	235694	39.804	ng	97
20) 3+4-Methylphenols	7.11	107	345192	40.782	ng	98
22) Acetophenone	7.10	105	455709	40.492	ng	# 98
24) Nitrobenzene	7.27	77	367558	40.800	ng	94
25) Isophorone	7.51	82	670726	39.802	ng	98
26) 2-Nitrophenol	7.59	139	198996	41.042	ng	98
27) 2,4-Dimethylphenol	7.63	122	279966	40.390	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	432721	40.616	ng	99
29) 2,4-Dichlorophenol	7.84	162	303891	40.976	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	327438	40.656	ng	98
31) Naphthalene	7.99	128	1014168	40.849	ng	99
32) Benzoic acid	7.79	122	170129	33.653	ng	97
33) 4-Chloroaniline	8.05	127	412921	41.944	ng	98
34) Hexachlorobutadiene	8.11	225	201225	40.981	ng	99
35) Caprolactam	8.43	113	95689	40.646	ng	98
36) 4-Chloro-3-methylphenol	8.54	107	302748	40.665	ng	97
37) 2-Methylnaphthalene	8.68	142	669246	40.985	ng	99
38) 1-Methylnaphthalene	8.78	142	644213	40.915	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	322578	40.380	ng	99

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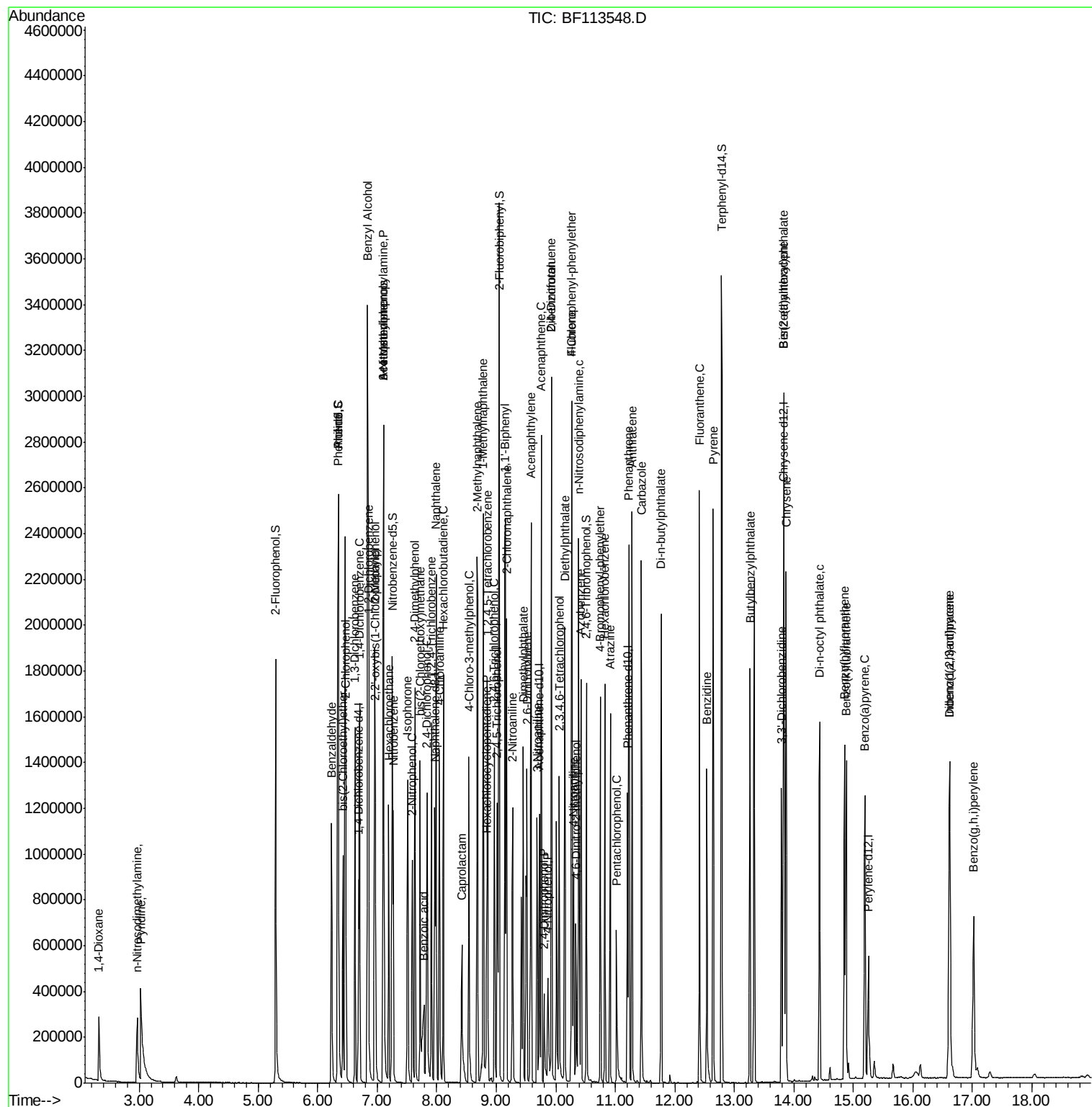
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	86322	39.091	ng	98
43) 2,4,6-Trichlorophenol	8.97	196	203488	40.354	ng	98
44) 2,4,5-Trichlorophenol	9.02	196	217070	40.097	ng	98
46) 1,1'-Biphenyl	9.15	154	832132	40.825	ng	99
47) 2-Chloronaphthalene	9.17	162	630715	40.869	ng	98
48) 2-Nitroaniline	9.27	65	188864	39.994	ng	98
49) Acenaphthylene	9.59	152	1029777	41.034	ng	100
50) Dimethylphthalate	9.45	163	726479	39.899	ng	99
51) 2,6-Dinitrotoluene	9.52	165	163131	40.645	ng	100
52) Acenaphthene	9.76	154	584456	40.685	ng	100
53) 3-Nitroaniline	9.69	138	183277	40.164	ng	94
54) 2,4-Dinitrophenol	9.80	184	77686	41.372	ng	88
55) Dibenzofuran	9.93	168	863151	40.961	ng	99
56) 4-Nitrophenol	9.87	139	108766	38.424	ng	88
57) 2,4-Dinitrotoluene	9.93	165	199044	41.005	ng	# 92
58) Fluorene	10.27	166	684665	41.080	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	192629	41.107	ng	97
60) Diethylphthalate	10.15	149	702833	40.036	ng	98
61) 4-Chlorophenyl-phenylether	10.26	204	339755	41.445	ng	96
62) 4-Nitroaniline	10.30	138	186425	40.176	ng	98
63) Azobenzene	10.42	77	675715	40.652	ng	96
65) 4,6-Dinitro-2-methylphenol	10.34	198	100699	40.042	ng	96
66) n-Nitrosodiphenylamine	10.39	169	606143	41.333	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	221386	41.322	ng	97
68) Hexachlorobenzene	10.83	284	250912	40.873	ng	98
69) Atrazine	10.92	200	189221	40.937	ng	96
70) Pentachlorophenol	11.02	266	110169	38.086	ng	99
71) Phenanthrene	11.23	178	984087	41.458	ng	99
72) Anthracene	11.28	178	1006540	41.678	ng	100
73) Carbazole	11.44	167	931096	41.221	ng	99
74) Di-n-butylphthalate	11.77	149	1099882	40.934	ng	100
75) Fluoranthene	12.42	202	1056174	41.523	ng	100
77) Benzidine	12.54	184	560493	45.677	ng	98
78) Pyrene	12.64	202	1039044	41.384	ng	100
80) Butylbenzylphthalate	13.26	149	403784	39.508	ng	97
81) Benzo(a)anthracene	13.83	228	776601	40.799	ng	100
82) 3,3'-Dichlorobenzidine	13.79	252	297229	40.541	ng	99
83) Chrysene	13.87	228	777033	40.270	ng	100
84) Bis(2-ethylhexyl)phthalate	13.82	149	490305	39.679	ng	99
85) Di-n-octyl phthalate	14.43	149	779351	38.801	ng	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	703265	39.475	ng	98
88) Benzo(b)fluoranthene	14.85	252	655880	39.254	ng	99
89) Benzo(k)fluoranthene	14.88	252	633320	42.233	ng	100
90) Benzo(a)pyrene	15.19	252	602822	40.601	ng	99
91) Dibenzo(a,h)anthracene	16.62	278	581337	41.869	ng	99
92) Benzo(g,h,i)perylene	17.02	276	595423	42.015	ng	98

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

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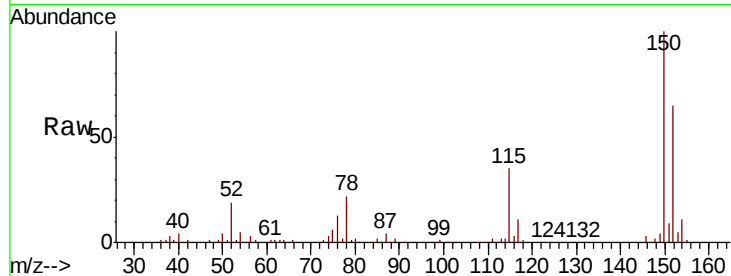


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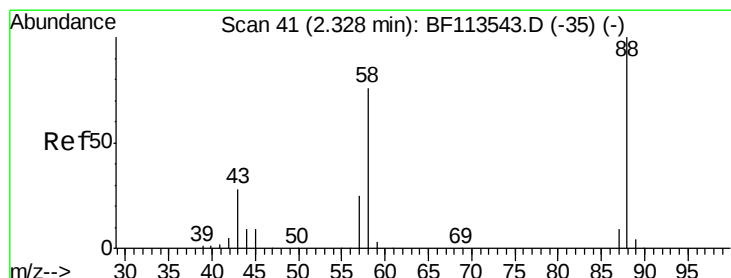
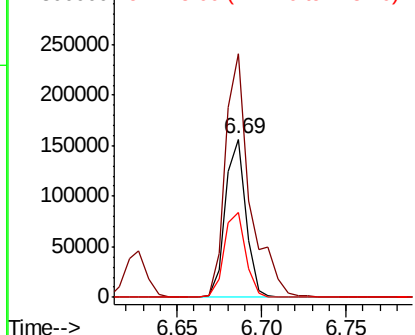
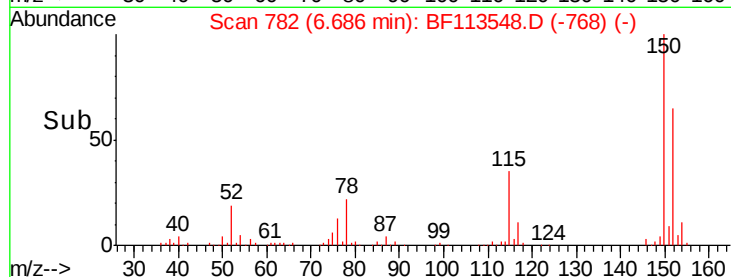
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132857
Ion Ratio Lower Upper
152 100
150 154.2 124.7 187.1
115 54.0 46.0 69.0



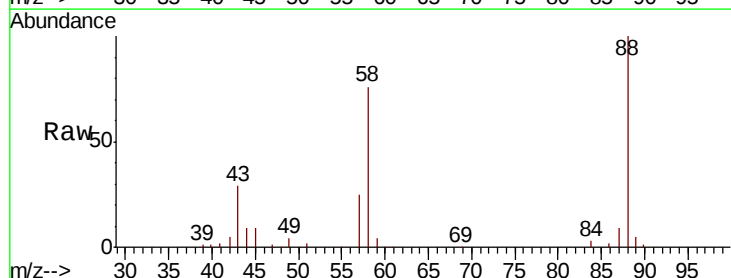
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



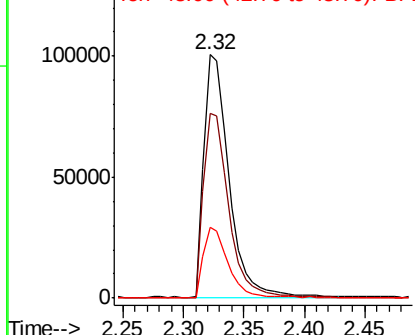
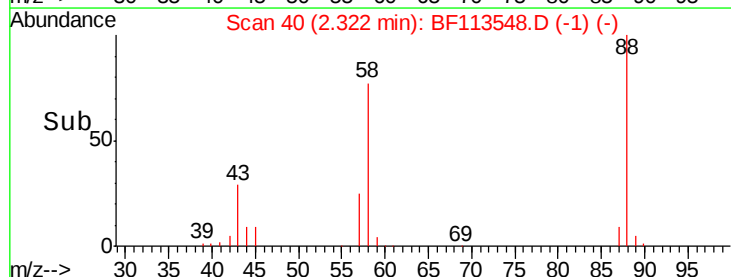
#2

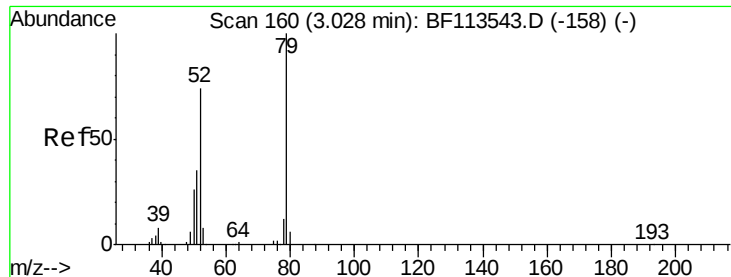
1,4-Dioxane
Concen: 39.269 ng
RT: 2.32 min Scan# 40
Delta R.T. -0.05 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Tgt Ion: 88 Resp: 144906
Ion Ratio Lower Upper
88 100
58 77.2 61.9 92.9
43 28.8 24.2 36.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.207 ng

RT: 3.03 min Scan# 160

Delta R.T. -0.04 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

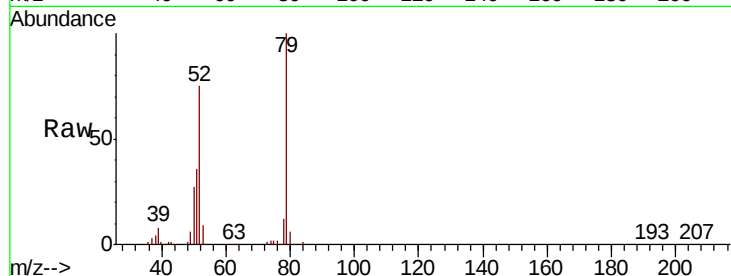
Tot Ion: 79 Resp: 378620

Ion Ratio Lower Upper

79 100

52 74.9 61.0 91.4

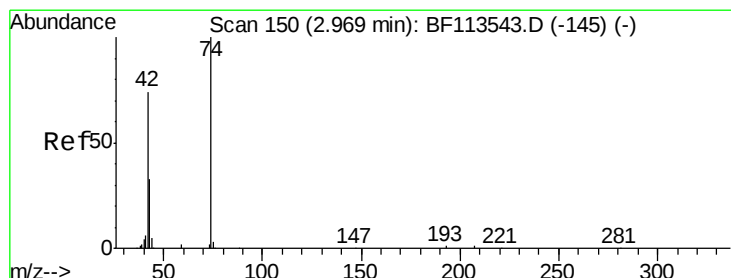
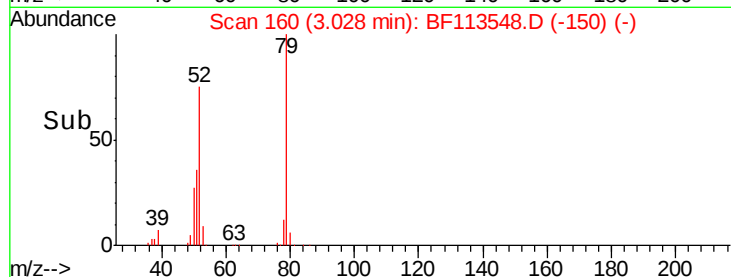
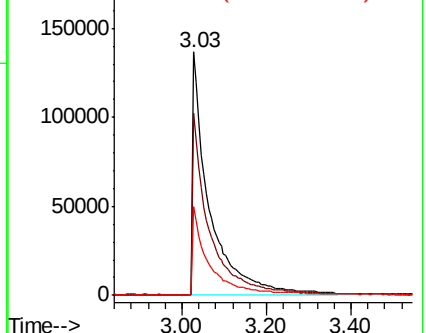
51 36.2 30.6 45.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.098 ng

RT: 2.97 min Scan# 150

Delta R.T. -0.05 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

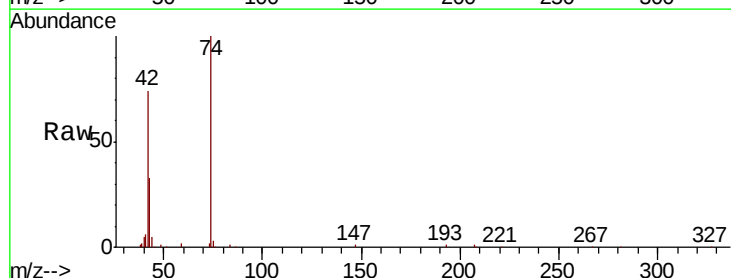
Tgt Ion: 42 Resp: 164523

Ion Ratio Lower Upper

42 100

74 136.0 102.4 153.6

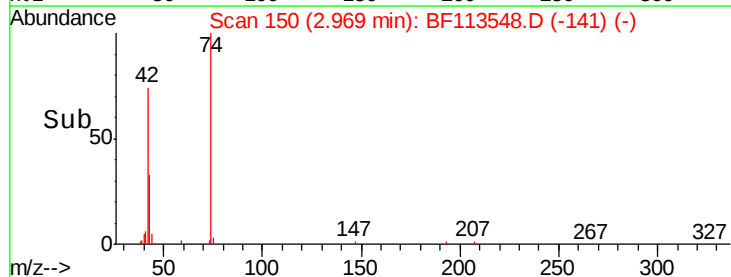
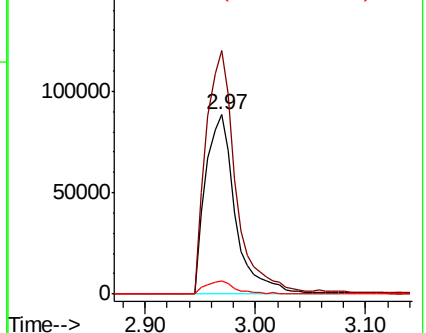
44 7.1 5.5 8.3

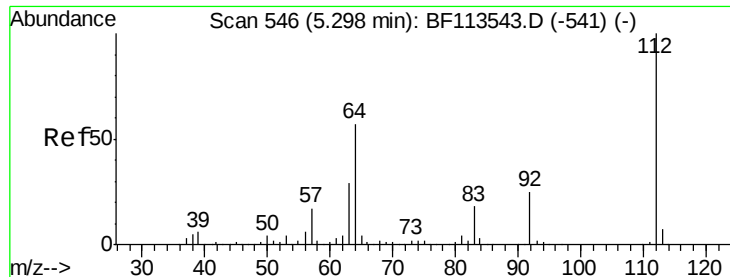


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 80.651 ng

RT: 5.30 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

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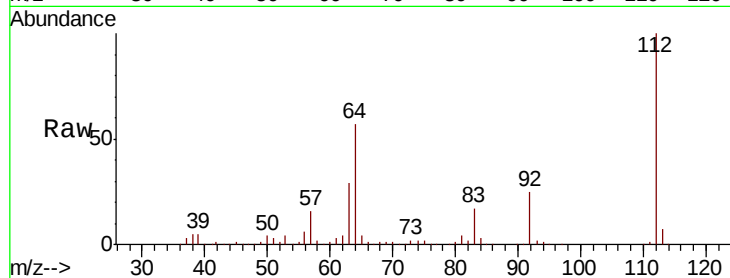
Tot Ion:112 Resp: 628362

Ion Ratio Lower Upper

112 100

64 56.6 49.2 73.8

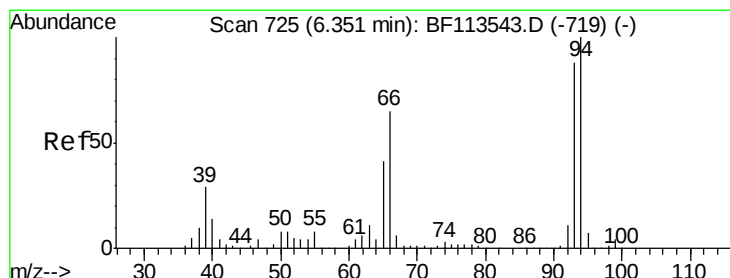
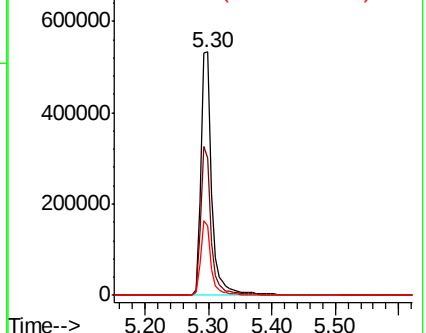
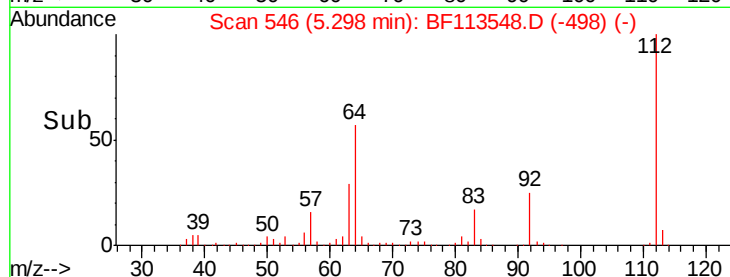
63 28.5 24.9 37.3



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: 41.660 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

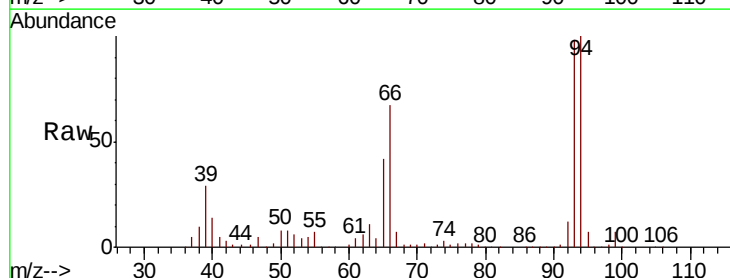
Tgt Ion: 93 Resp: 484908

Ion Ratio Lower Upper

93 100

66 67.9 62.1 93.1

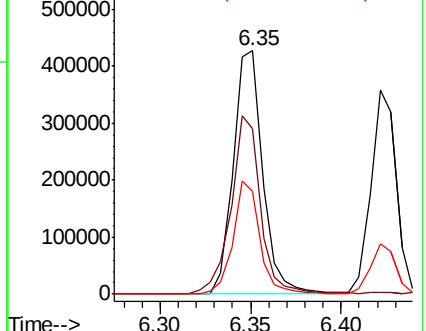
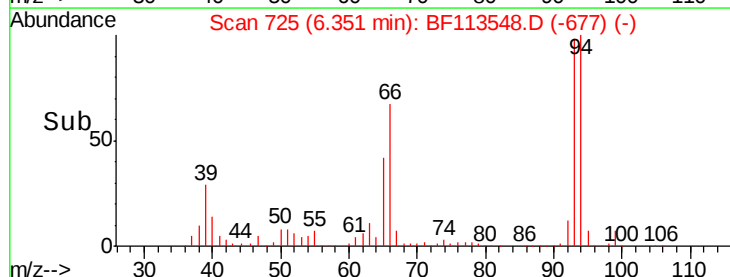
65 42.2 38.7 58.1

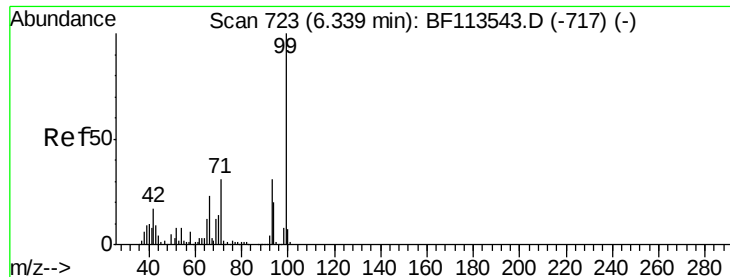


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.743 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

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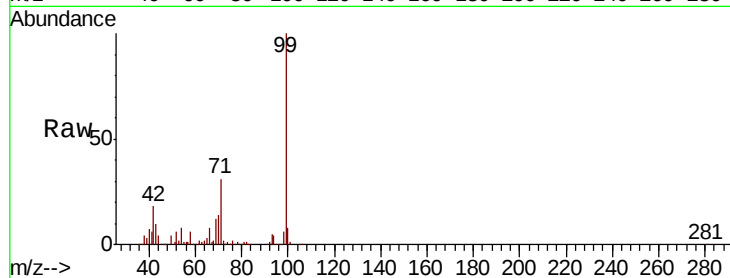
Tot Ion: 99 Resp: 775345

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

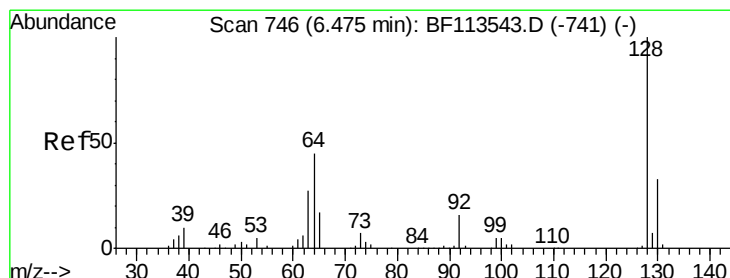
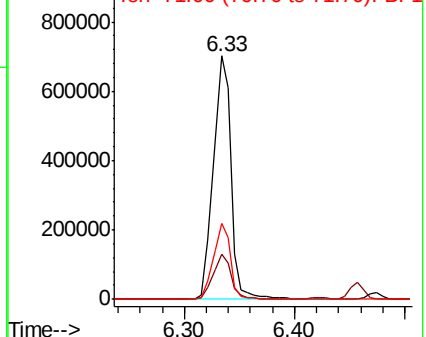
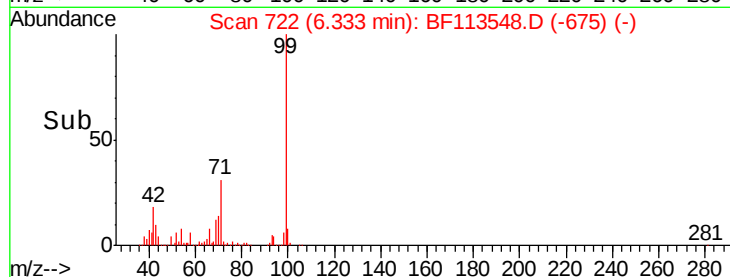
71 31.2 24.9 37.3



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: 40.556 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

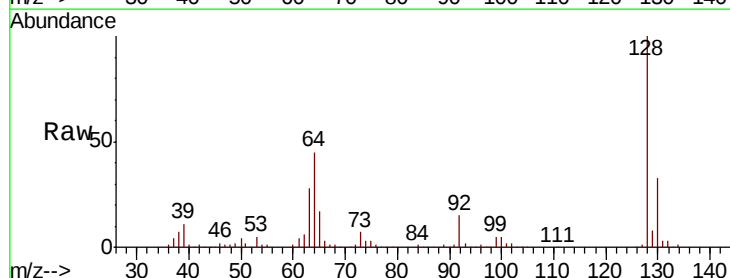
Tgt Ion: 128 Resp: 365578

Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

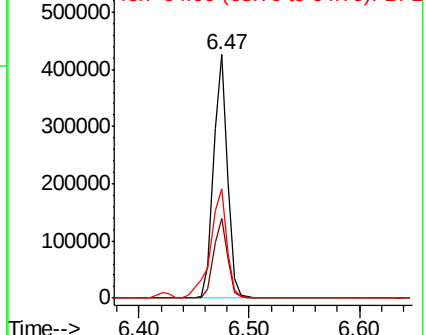
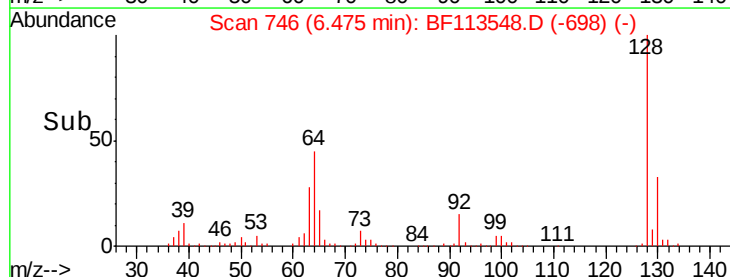
64 45.0 29.4 69.4

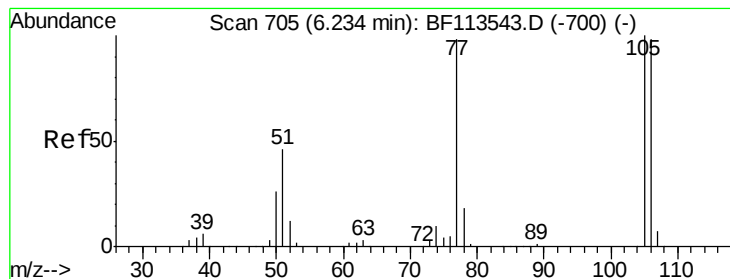


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 42.971 ng

RT: 6.23 min Scan# 705

Delta R.T. -0.02 min

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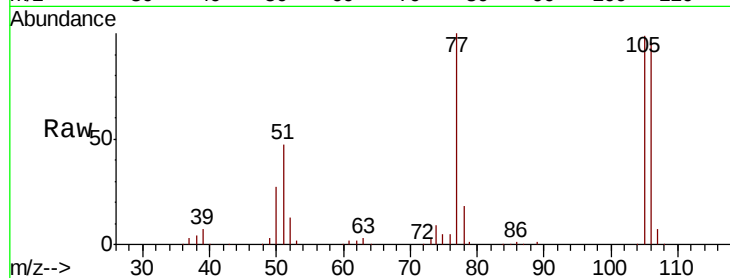
Tot Ion: 77 Resp: 245351

Ion Ratio Lower Upper

77 100

105 99.4 80.9 120.9

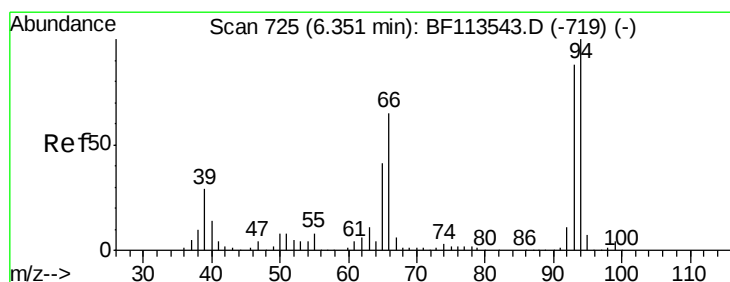
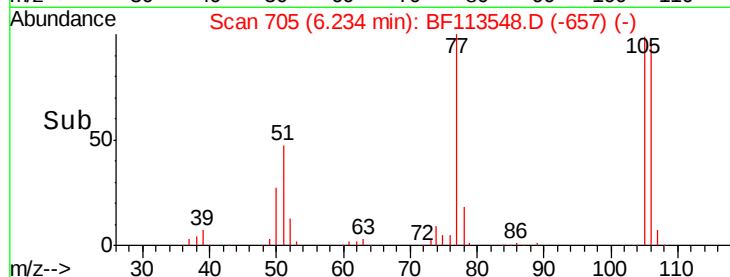
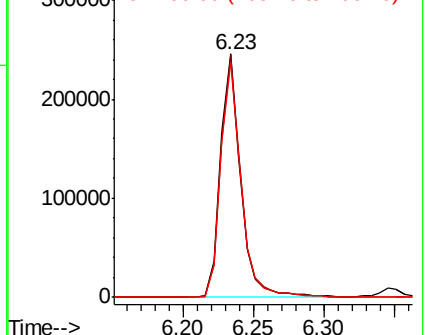
106 96.5 77.8 117.8



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: 40.833 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

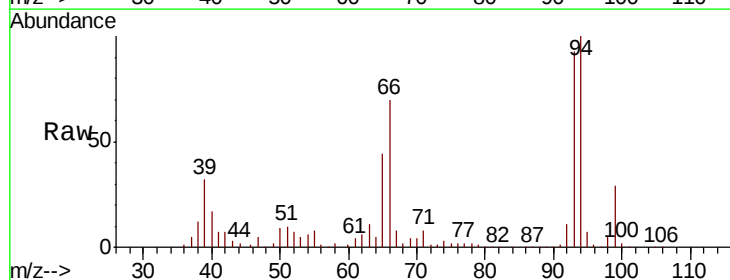
Tgt Ion: 94 Resp: 447822

Ion Ratio Lower Upper

94 100

65 44.3 21.4 61.4

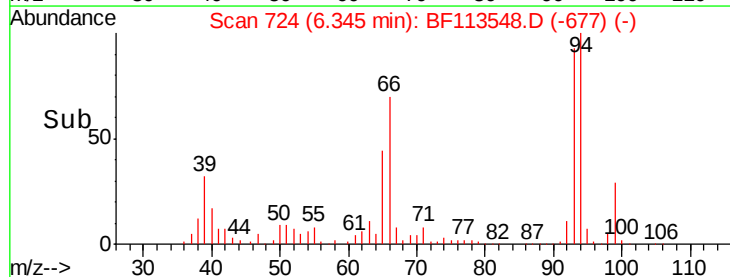
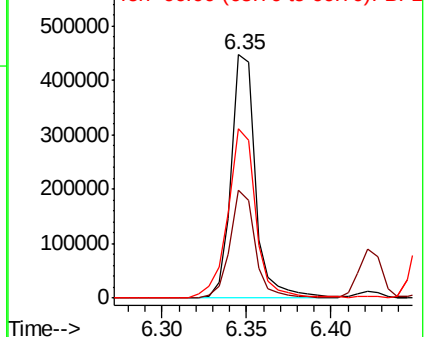
66 69.8 46.4 86.4



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

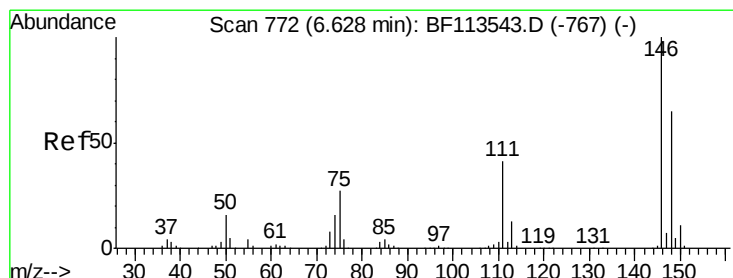
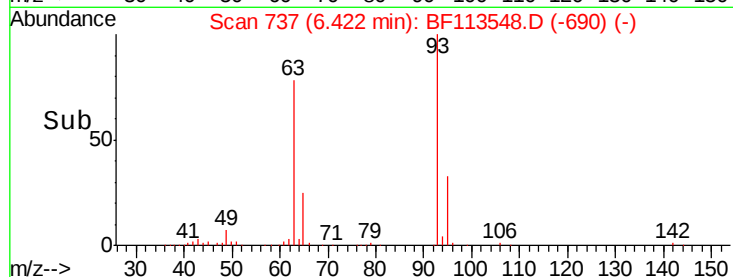
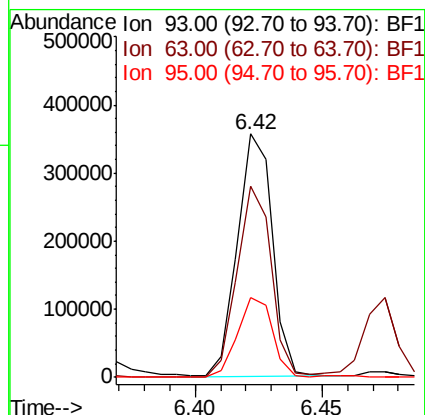
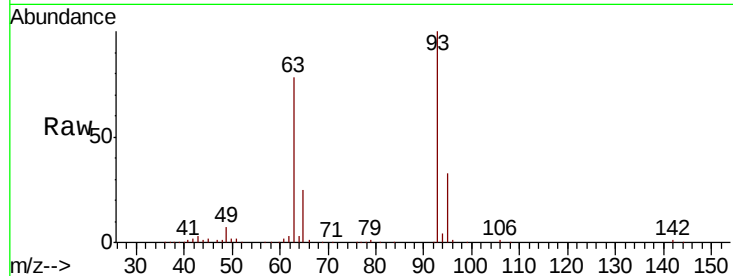




#11
bis(2-Chloroethyl)ether
Concen: 39.875 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

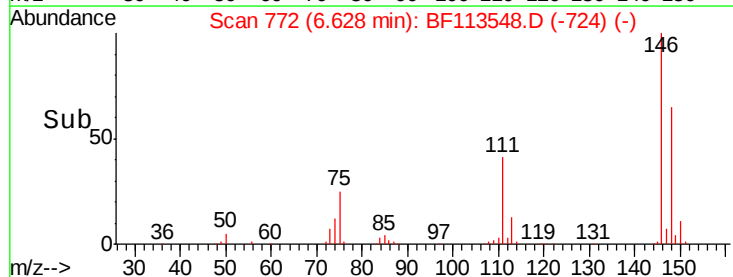
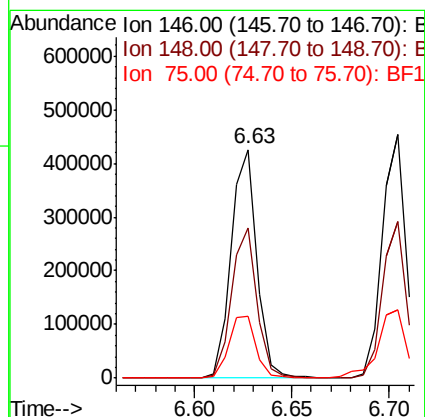
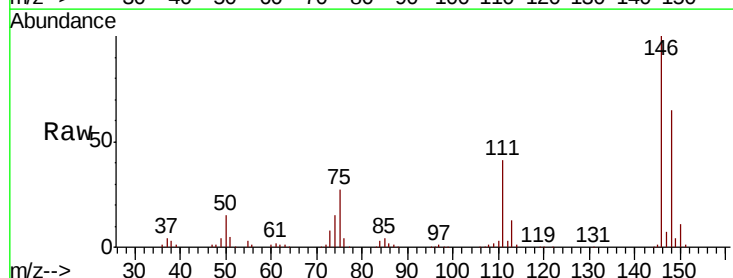
Instrument :
BNA_F
ClientSampleId :

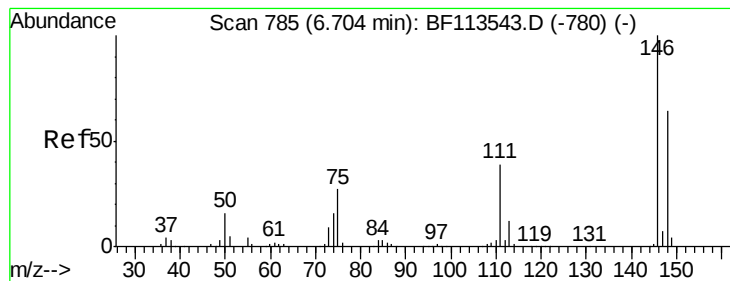
Tot Ion: 93 Resp: 340181
Ion Ratio Lower Upper
93 100
63 78.4 56.1 96.1
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.195 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Tgt Ion: 146 Resp: 390198
Ion Ratio Lower Upper
146 100
148 65.4 51.4 77.0
75 27.2 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 40.393 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampled :

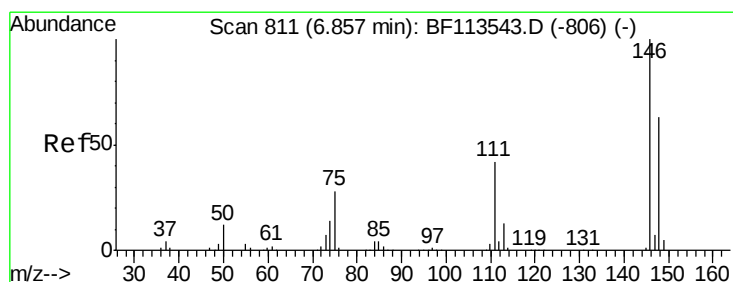
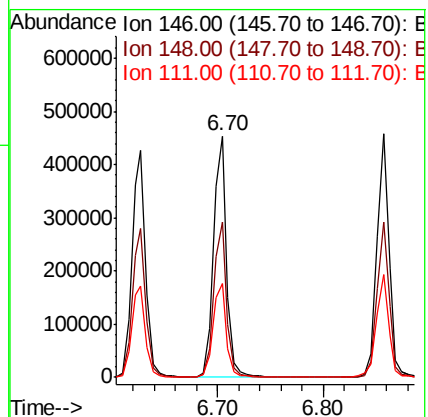
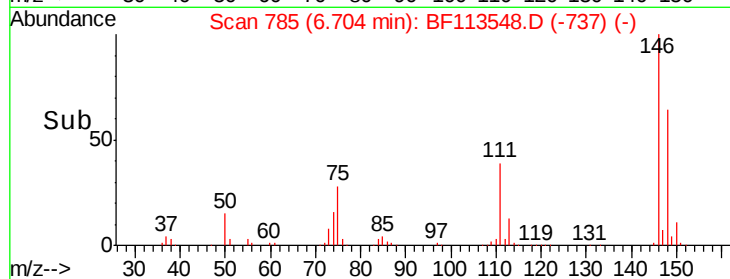
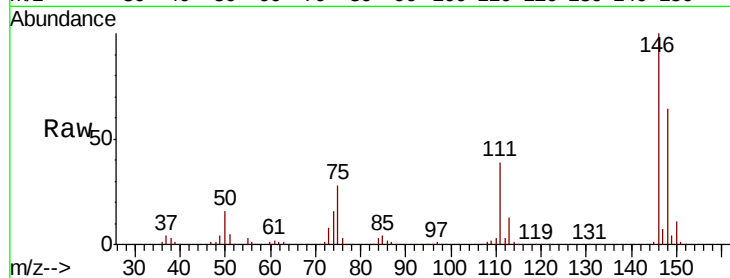
Tot Ion:146 Resp: 396250

Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

111 39.1 32.8 49.2



#14

1,2-Dichlorobenzene

Concen: 41.188 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

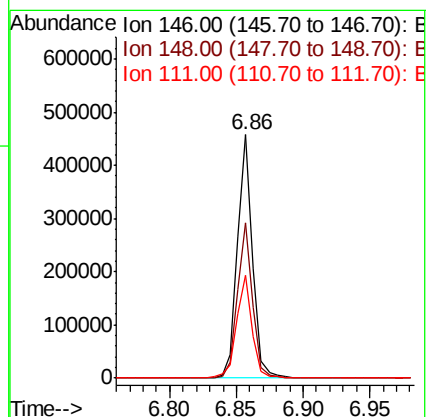
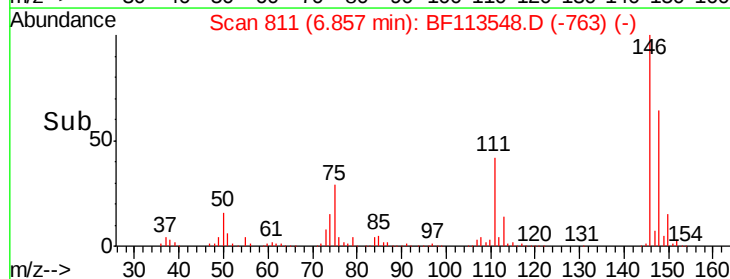
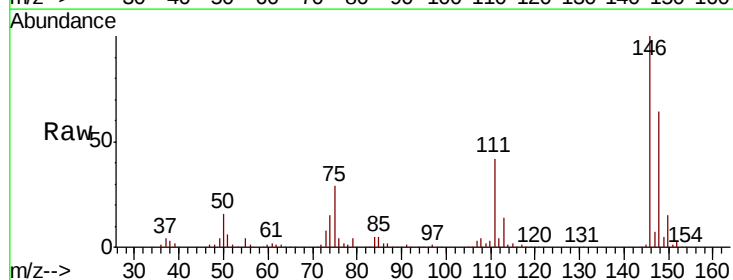
Tgt Ion:146 Resp: 364712

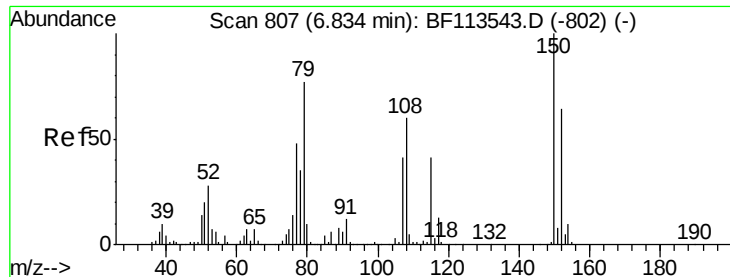
Ion Ratio Lower Upper

146 100

148 63.8 50.2 75.4

111 42.1 35.4 53.2





#15

Benzyl Alcohol

Concen: 41.984 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.02 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampled :

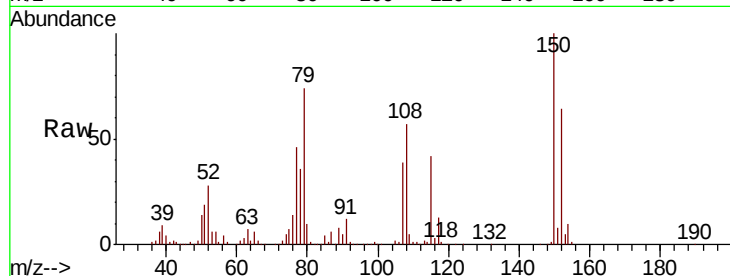
Tot Ion: 79 Resp: 272597

Ion Ratio Lower Upper

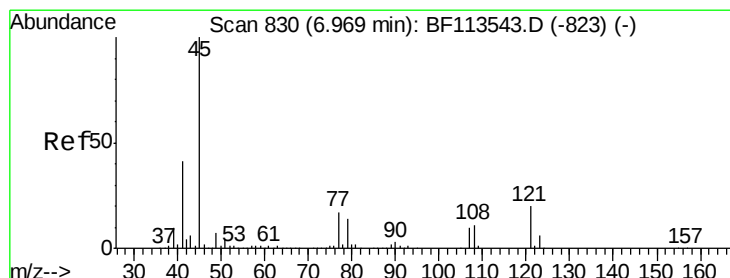
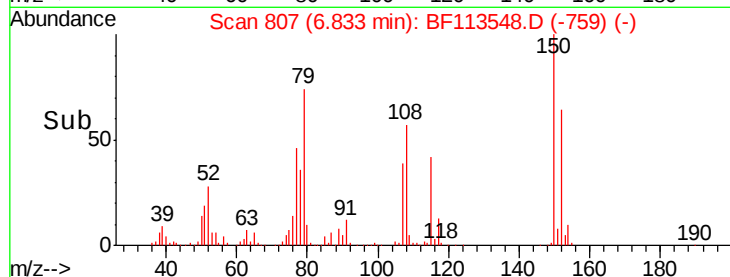
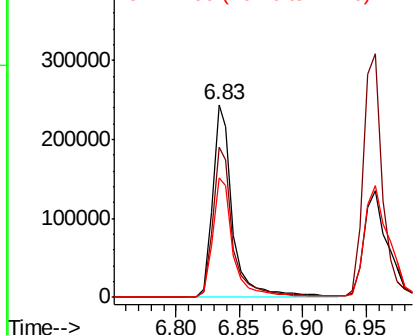
79 100

108 77.7 62.0 93.0

77 61.8 49.9 74.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.660 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

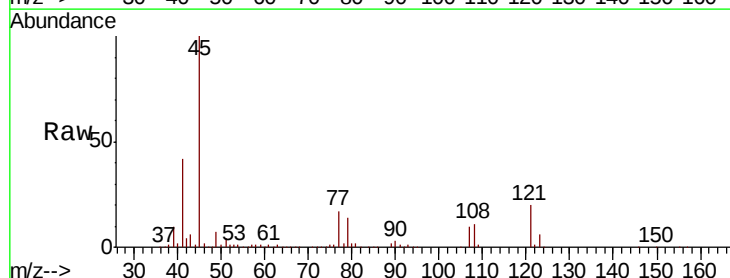
Tgt Ion: 45 Resp: 539928

Ion Ratio Lower Upper

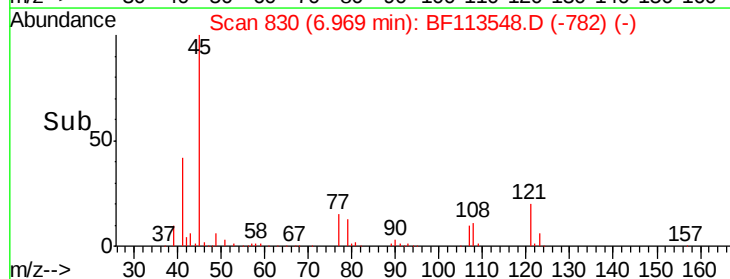
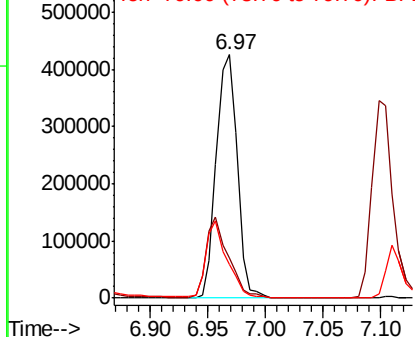
45 100

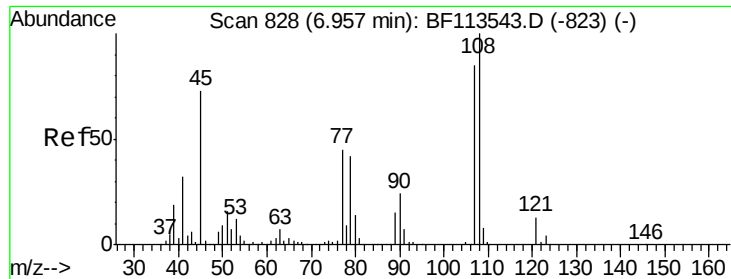
77 16.5 0.0 36.6

79 13.8 0.0 34.0



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

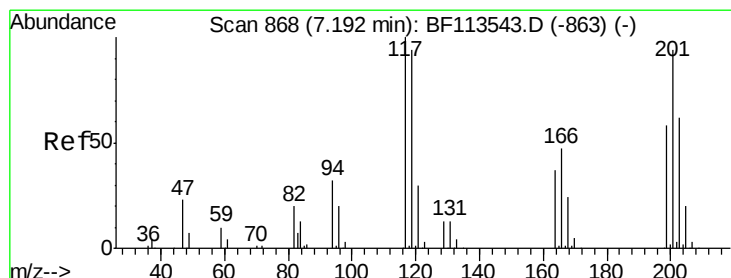
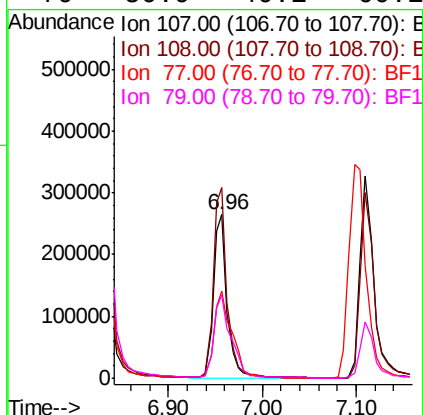
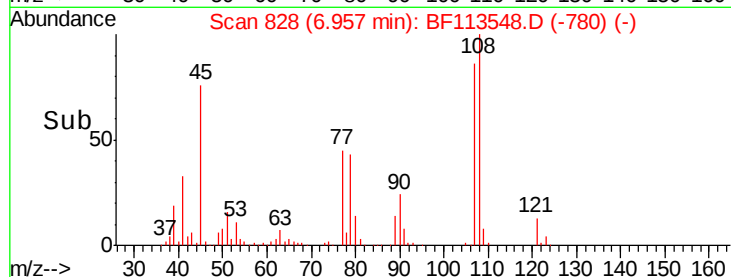
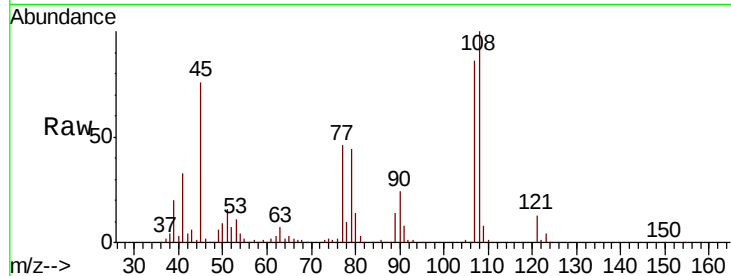




#17
2-Methylphenol
Concen: 39.641 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

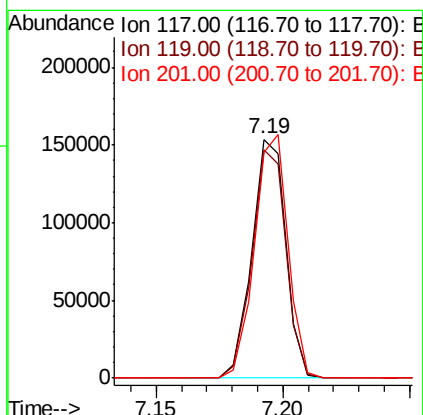
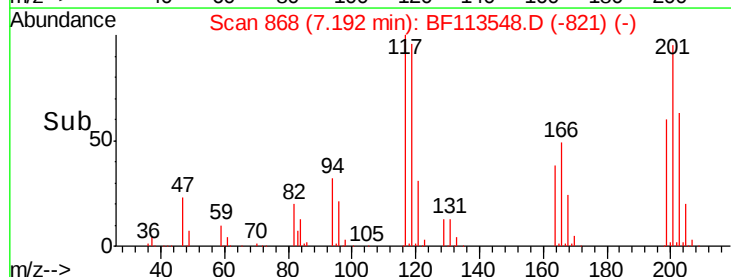
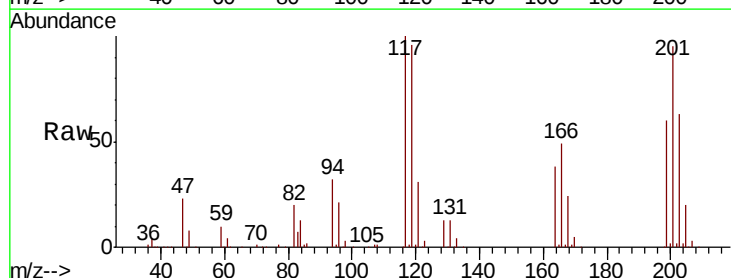
Instrument :
BNA_F
ClientSampleId :

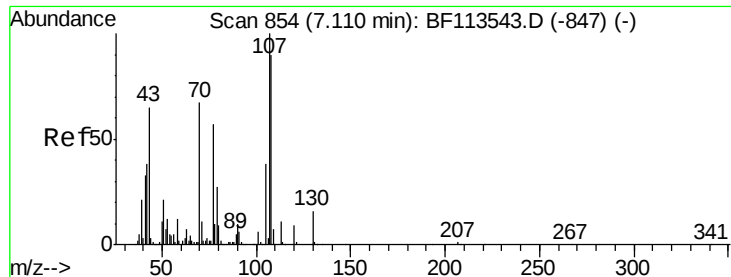
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.8	93.4	140.0
77	53.4	41.2	61.8
79	50.9	40.1	60.1



#18
Hexachloroethane
Concen: 40.132 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.9	115.3
201	94.6	78.7	118.1

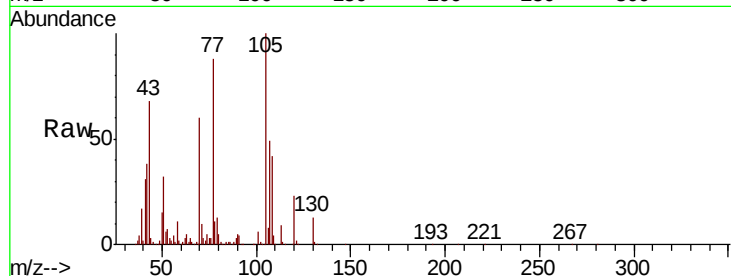




#19
n-Nitroso-di-n-propylamine
Concen: 39.804 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	235694
Ion	Ratio	Lower	Upper
70	100		
42	63.1	48.4	72.6
101	9.7	7.8	11.8
130	21.4	18.2	27.4



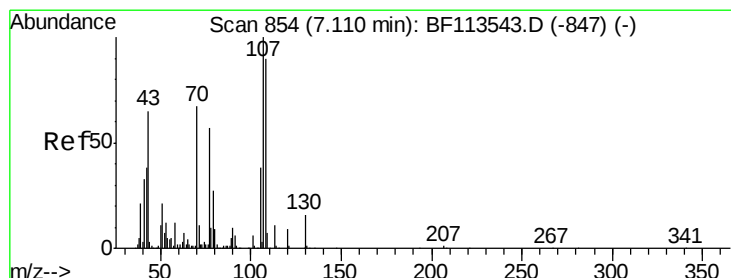
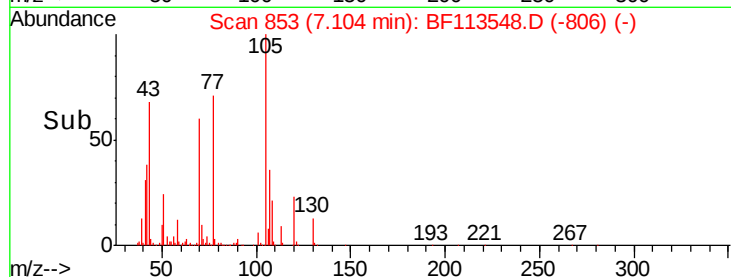
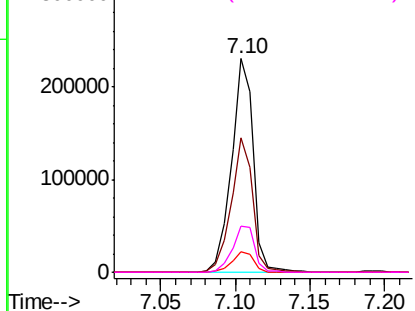
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

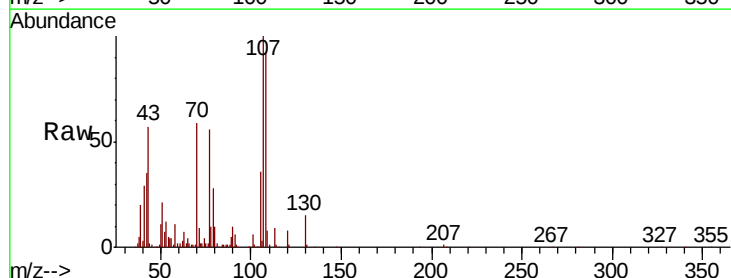
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 40.782 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Tgt Ion:	107	Resp:	345192
Ion	Ratio	Lower	Upper
107	100		
108	92.1	71.4	111.4
77	55.9	33.5	73.5
79	28.0	8.3	48.3



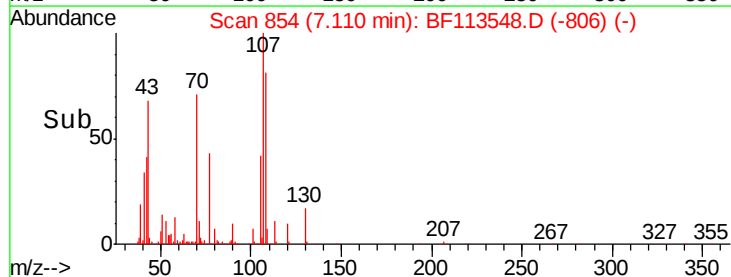
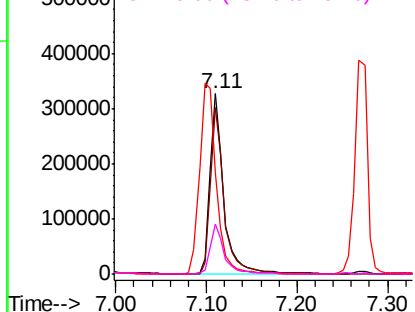
Abundance

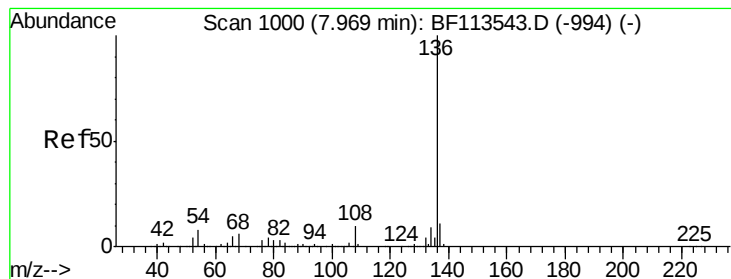
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 512408

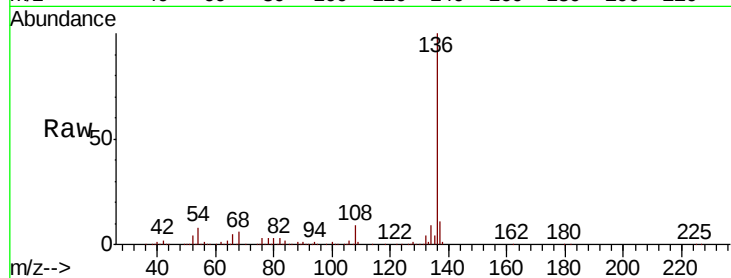
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.8 7.0 10.6

68 5.8 4.8 7.2

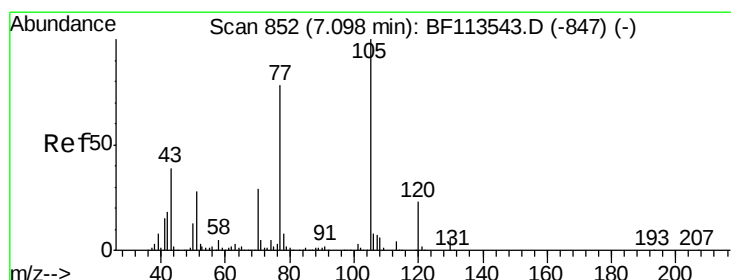
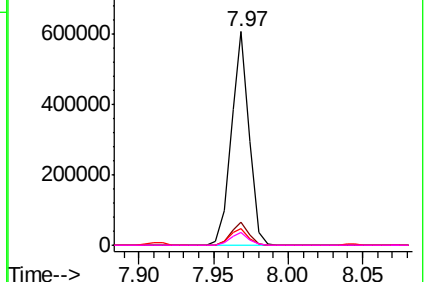
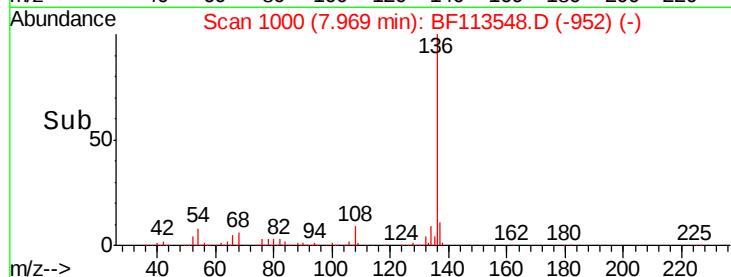


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.492 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Tgt Ion:105 Resp: 455709

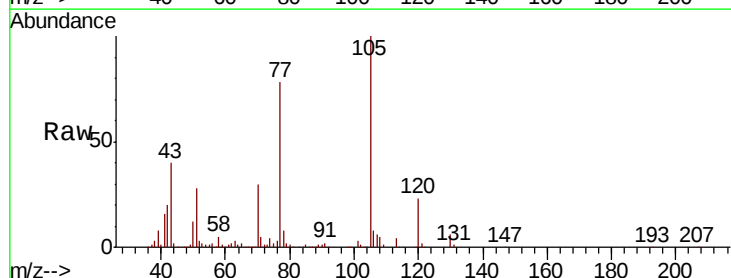
Ion Ratio Lower Upper

105 100

71 5.0 3.3 4.9#

51 28.5 24.2 36.2

120 22.7 18.1 27.1

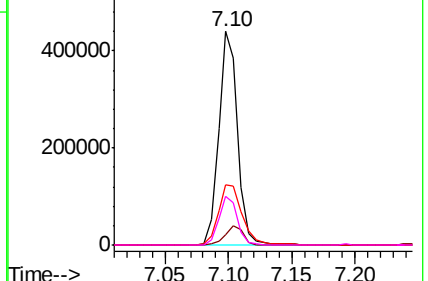
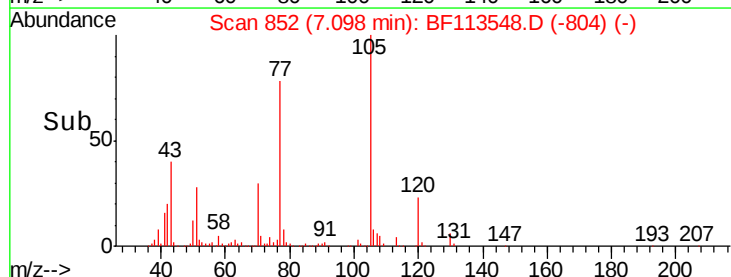


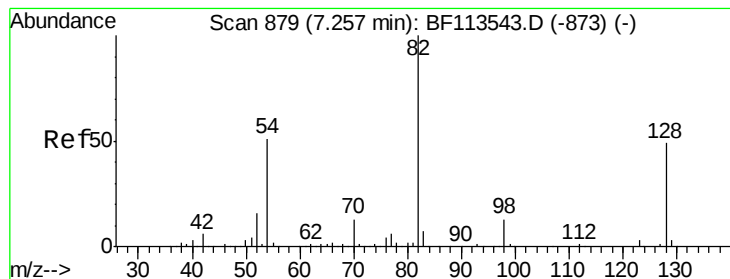
Abundance Ion 105.00 (104.70 to 105.70): E

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: 80.677 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

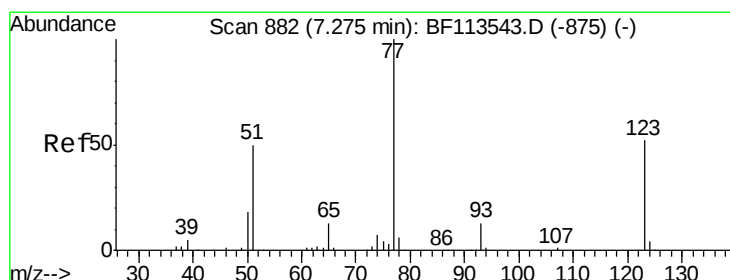
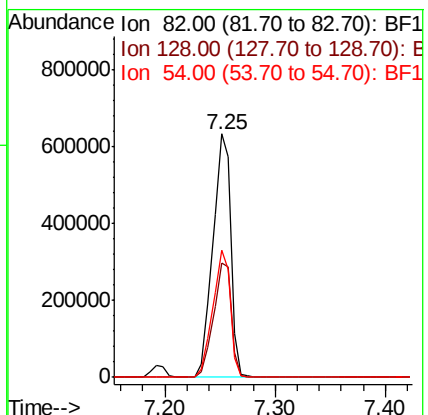
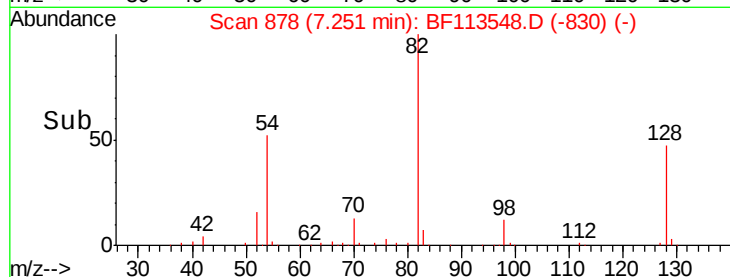
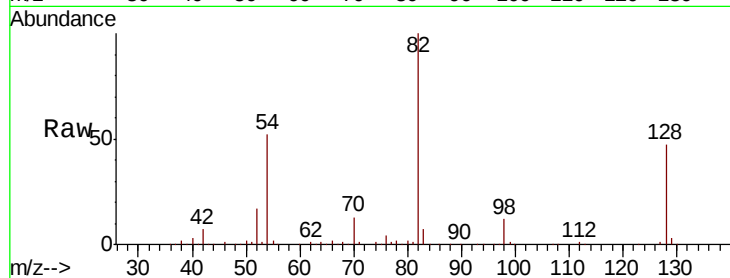
Tot Ion: 82 Resp: 705751

Ion Ratio Lower Upper

82 100

128 47.1 36.5 54.7

54 52.4 42.2 63.2



#24

Nitrobenzene

Concen: 40.800 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

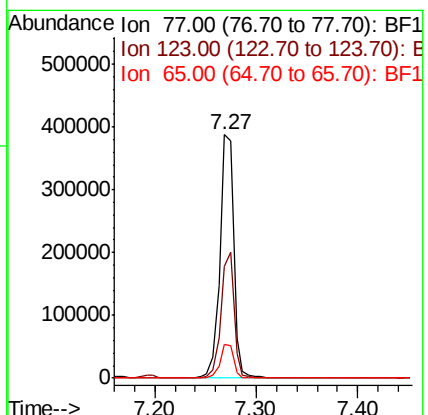
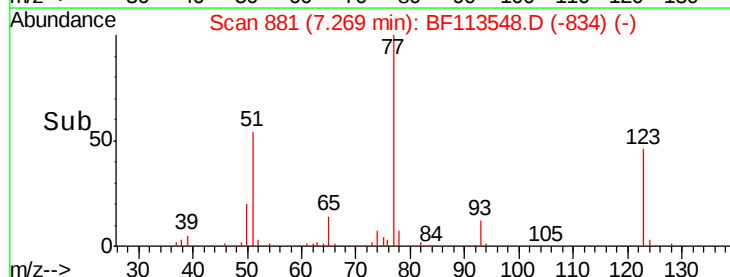
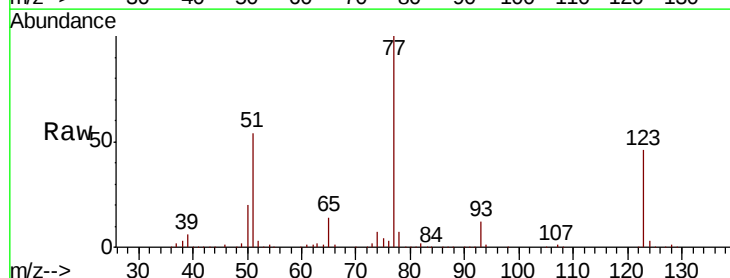
Tgt Ion: 77 Resp: 367558

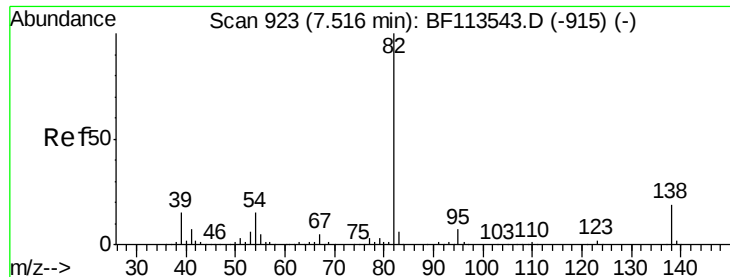
Ion Ratio Lower Upper

77 100

123 45.9 40.8 61.2

65 13.8 10.6 16.0





#25

Isophorone

Concen: 39.802 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

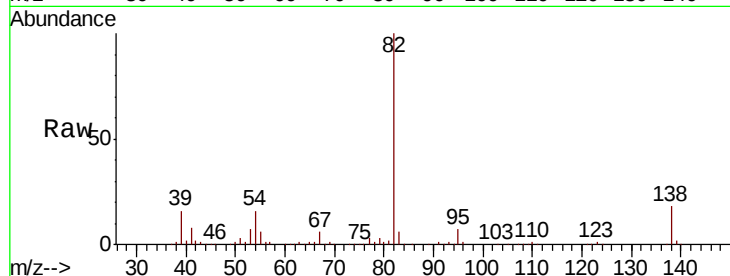
Tot Ion: 82 Resp: 670726

Ion Ratio Lower Upper

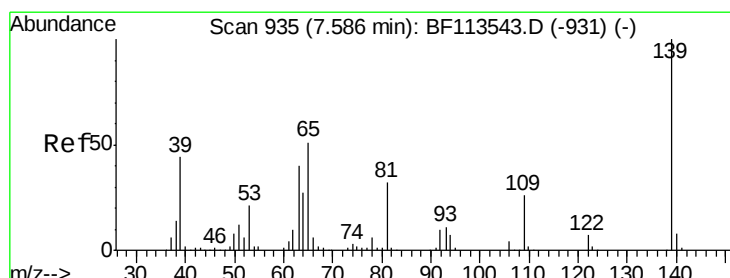
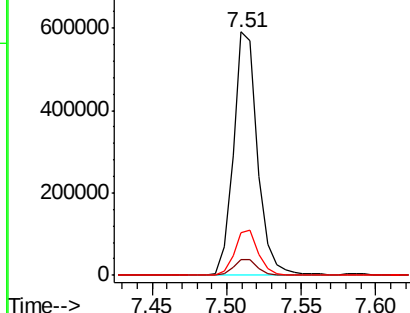
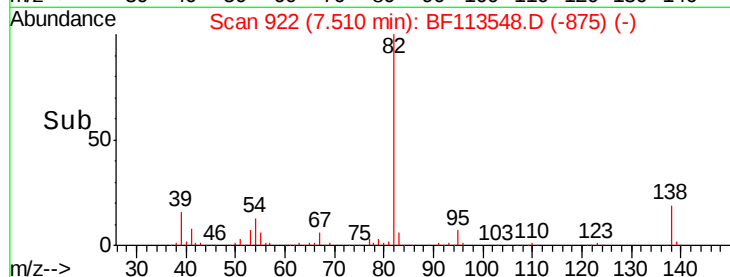
82 100

95 6.7 5.5 8.3

138 17.6 15.2 22.8



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



#26

2-Nitrophenol

Concen: 41.042 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

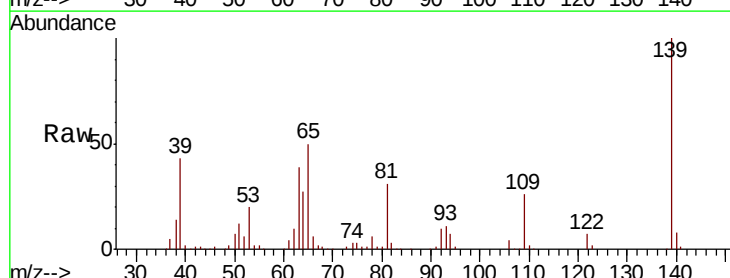
Tgt Ion: 139 Resp: 198996

Ion Ratio Lower Upper

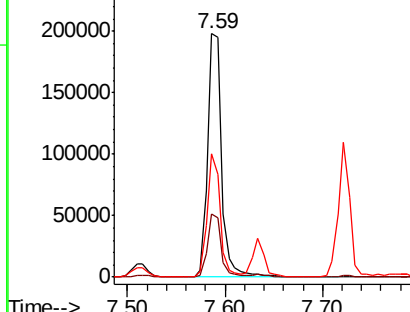
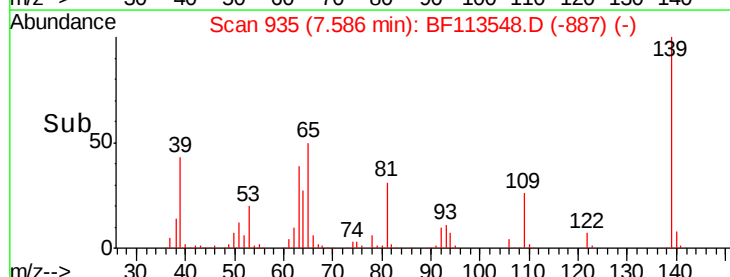
139 100

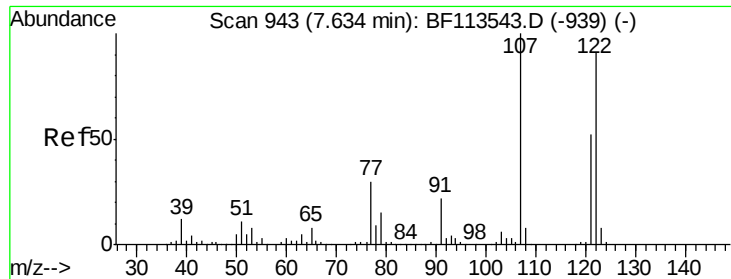
109 26.1 21.7 32.5

65 50.4 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

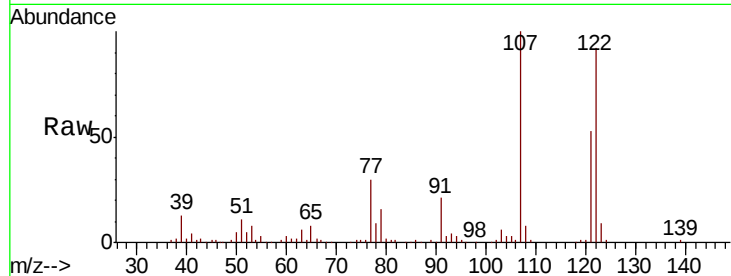




#27
 2,4-Dimethylphenol
 Concen: 40.390 ng
 RT: 7.63 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.2	88.8	133.2
121	58.3	45.5	68.3

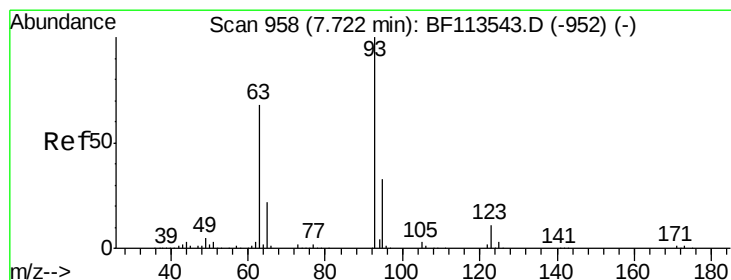
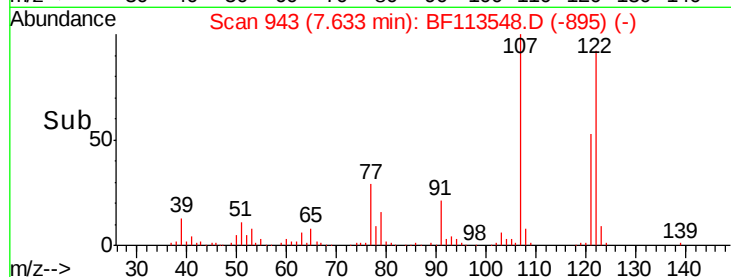
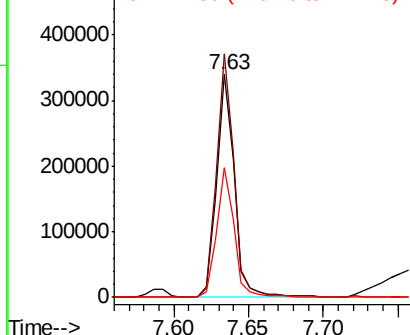


Abundance

Ion 122.00 (121.70 to 122.70): E

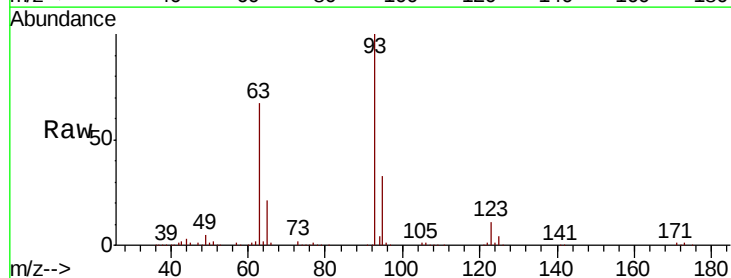
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.616 ng
 RT: 7.72 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.0	39.0
123	10.9	9.1	13.7

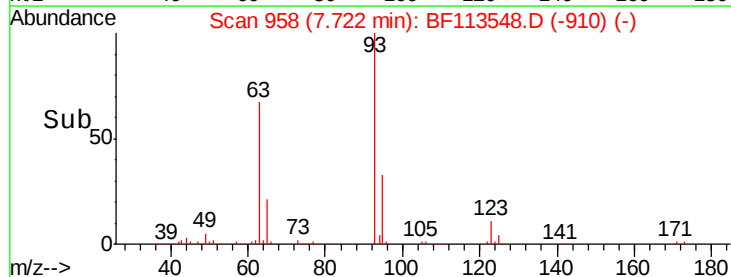
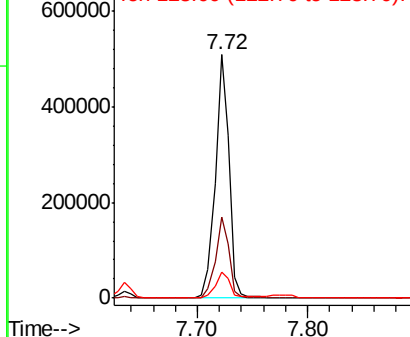


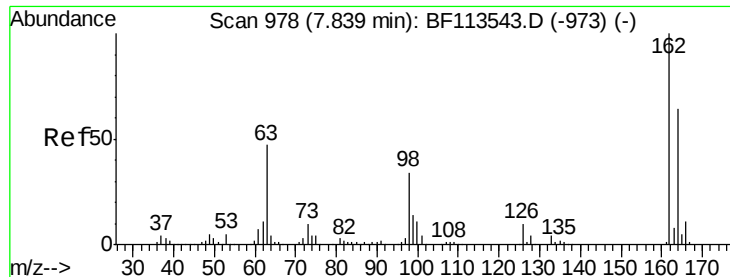
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

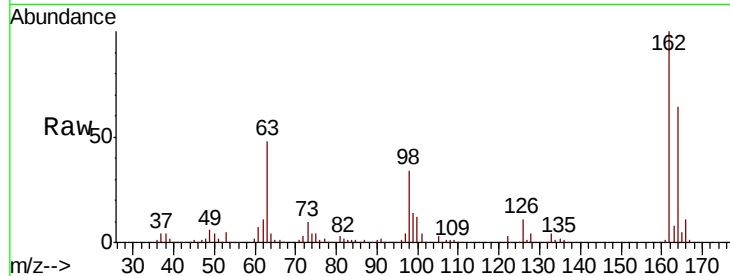




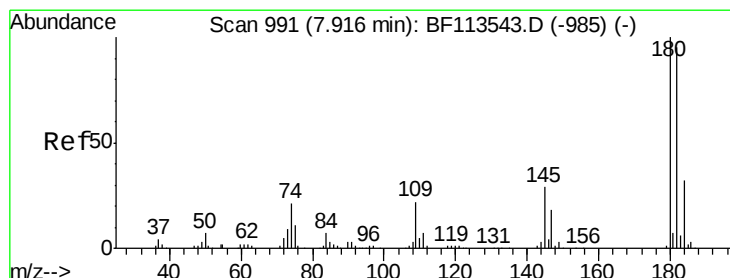
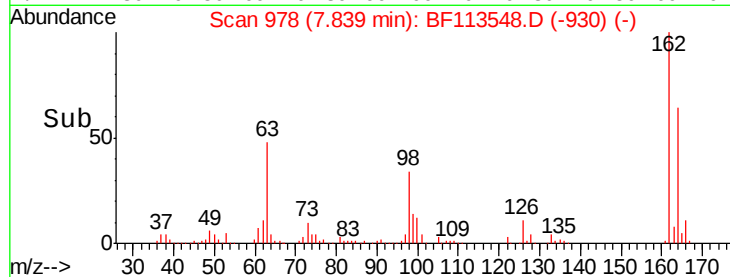
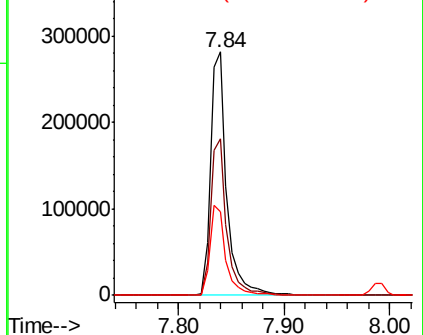
#29
 2,4-Dichlorophenol
 Concen: 40.976 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.02 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	34.2	15.6	55.6

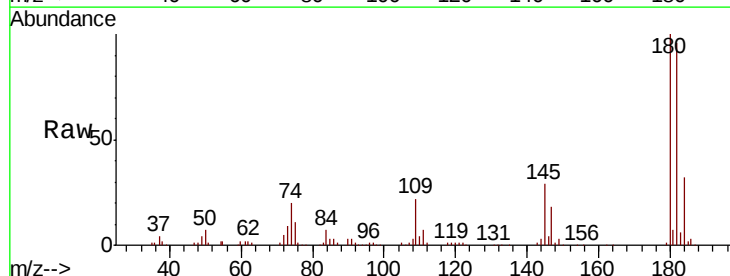


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

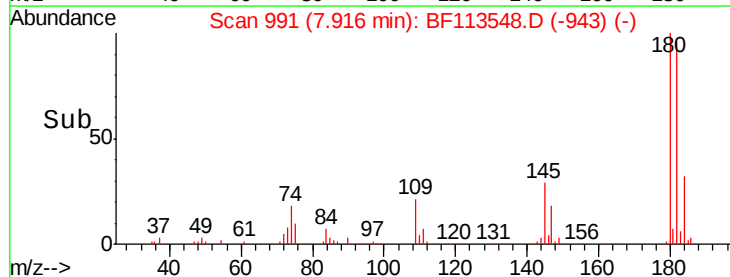
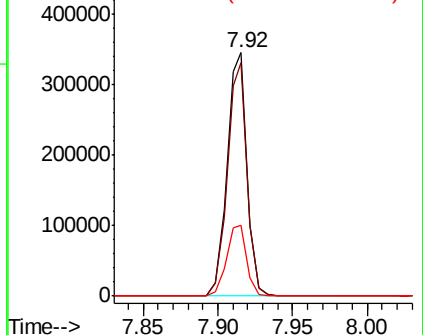


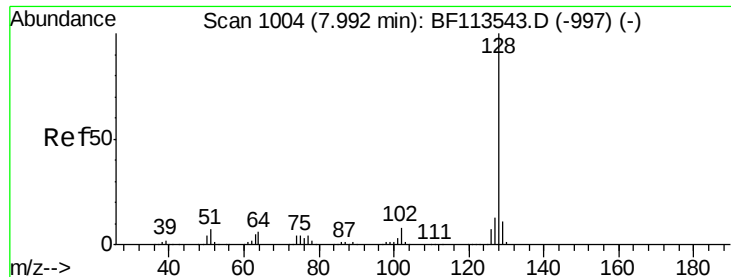
#30
 1,2,4-Trichlorobenzene
 Concen: 40.656 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	74.6	111.8
145	28.9	23.4	35.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.849 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

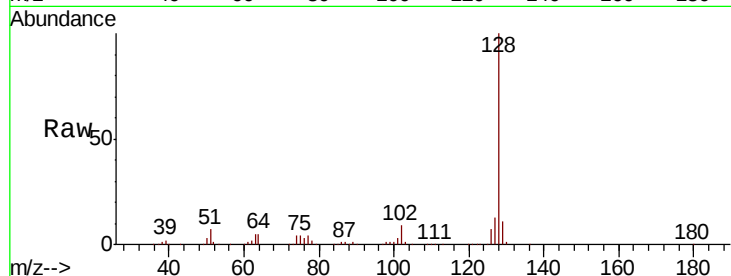
Tot Ion:128 Resp: 1014168

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

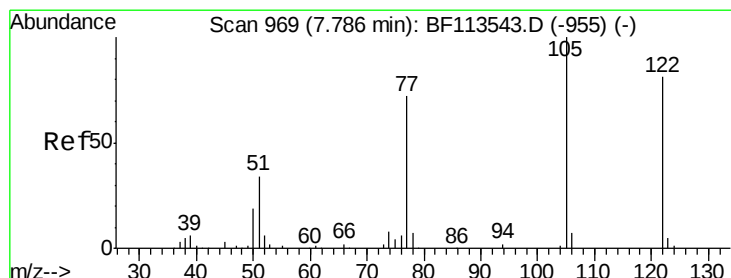
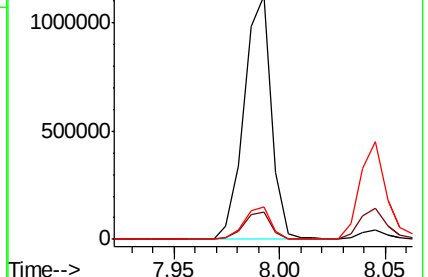
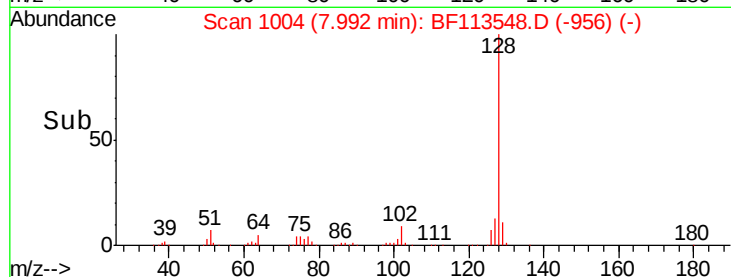
127 13.3 10.9 16.3



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: 33.653 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

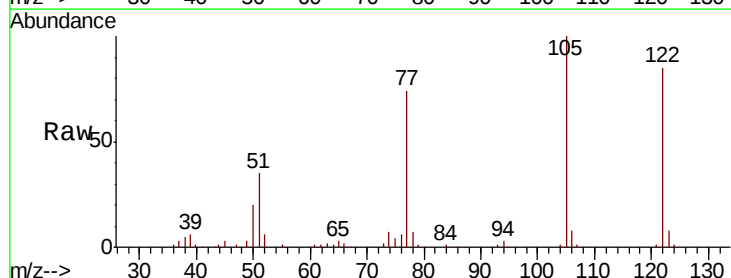
Tgt Ion:122 Resp: 170129

Ion Ratio Lower Upper

122 100

105 117.0 100.4 140.4

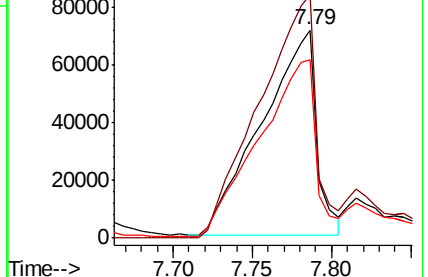
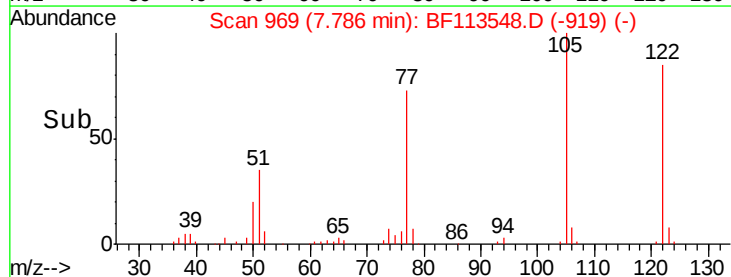
77 86.0 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

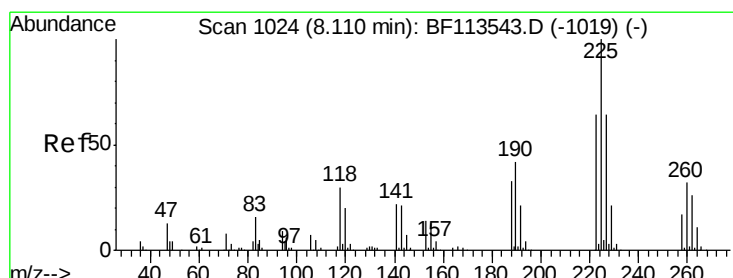
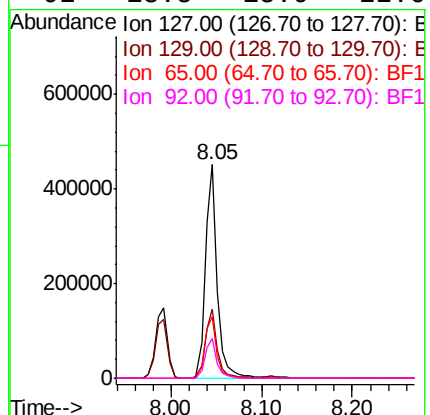
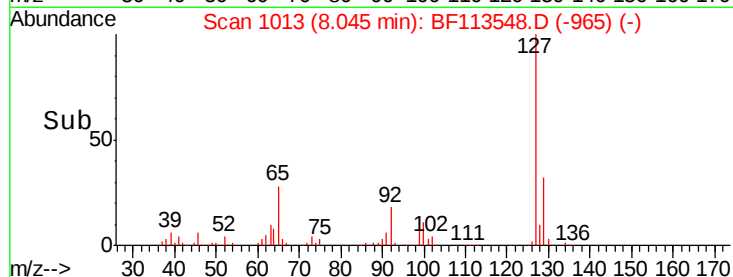
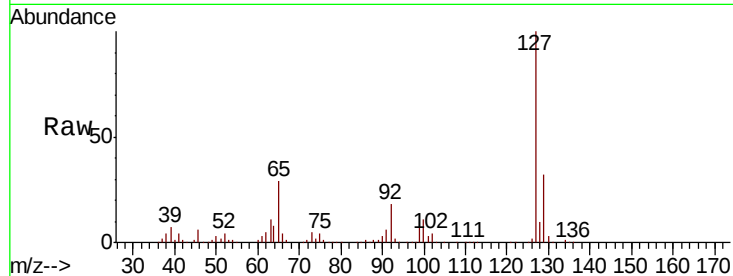




#33
4-Chloroaniline
Concen: 41.944 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

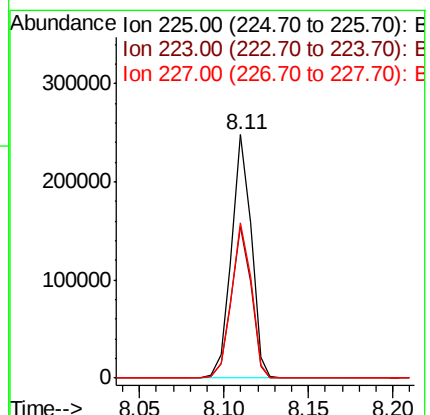
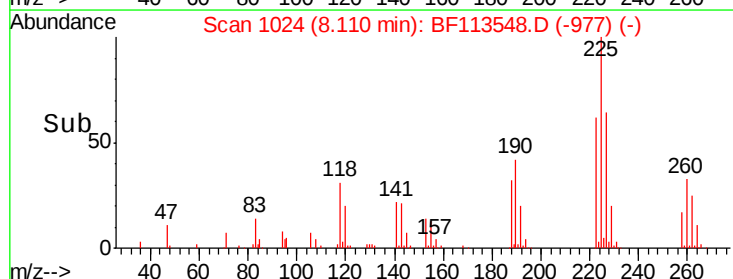
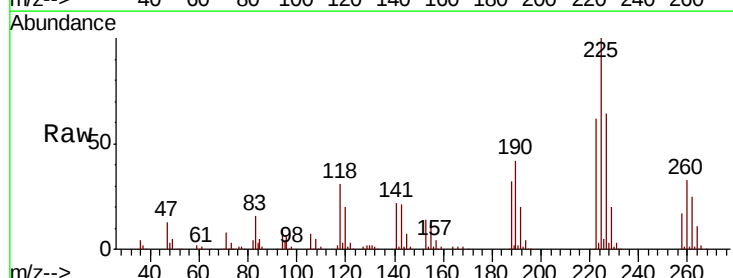
Instrument :
BNA_F
ClientSampleId :

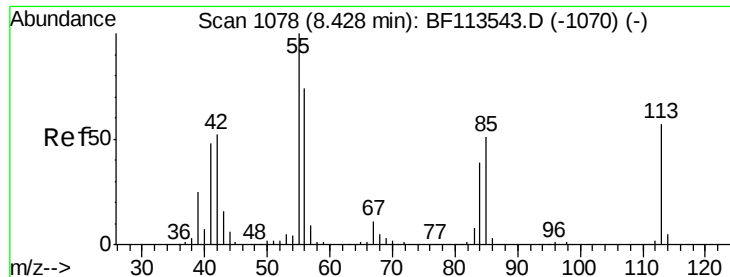
Tot Ion:	127	Resp:	412921
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	28.7	24.2	36.4
92	18.5	15.0	22.6



#34
Hexachlorobutadiene
Concen: 40.981 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Tgt Ion:	225	Resp:	201225
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.4	77.2
227	63.7	51.1	76.7

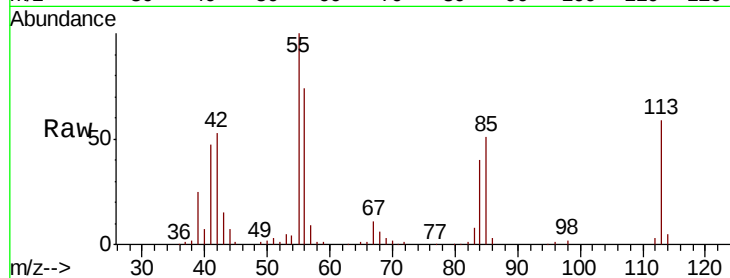




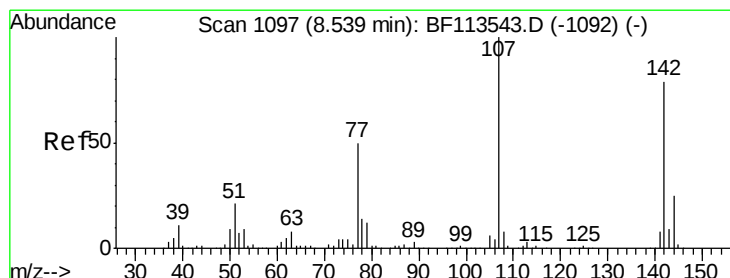
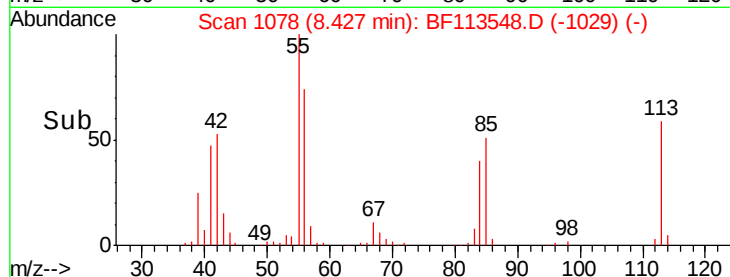
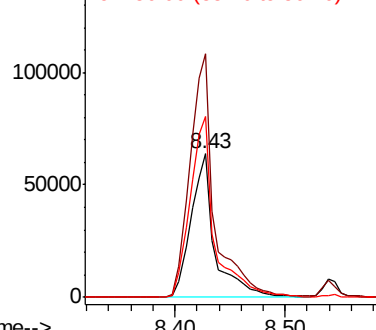
#35
 Caprolactam
 Concen: 40.646 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 95689
 Ion Ratio Lower Upper
 113 100
 55 169.9 152.7 192.7
 56 125.8 108.3 148.3

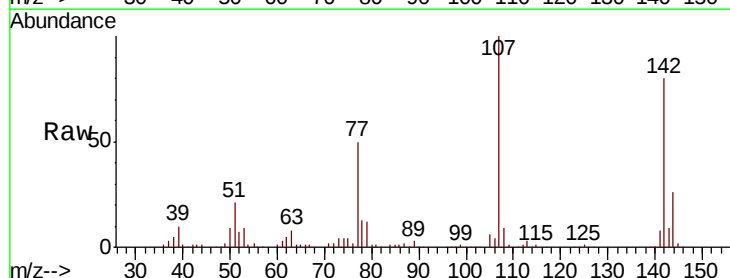


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

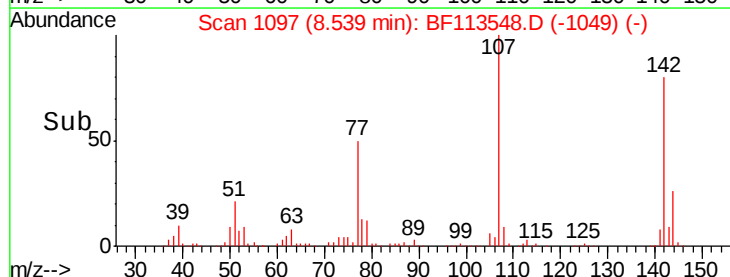
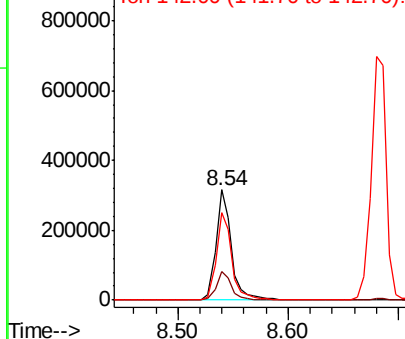


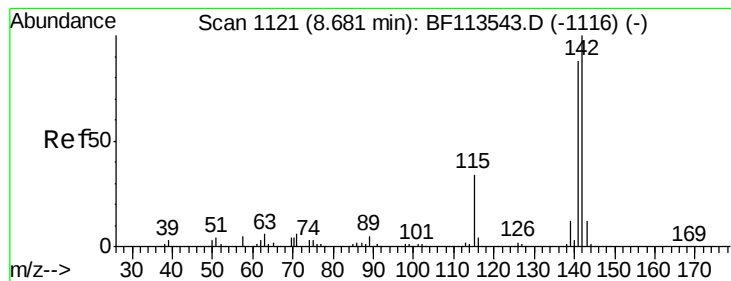
#36
 4-Chloro-3-methylphenol
 Concen: 40.665 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Tgt Ion:107 Resp: 302748
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.4 32.0
 142 79.6 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

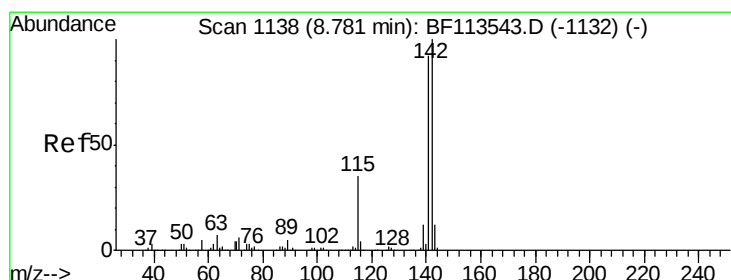
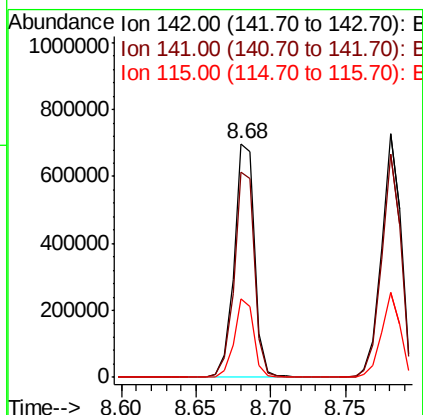
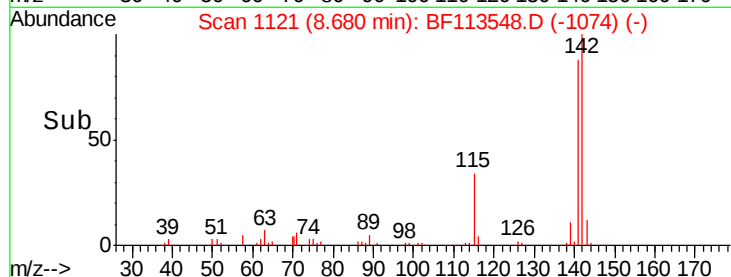
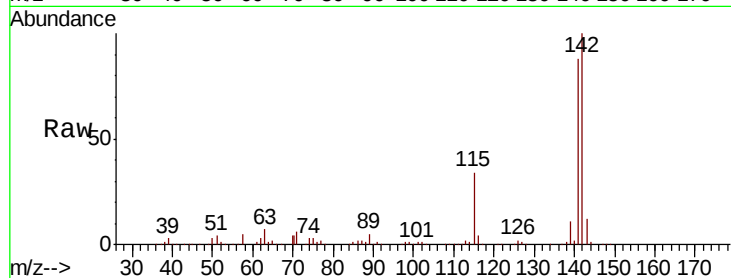




#37
2-Methylnaphthalene
Concen: 40.985 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

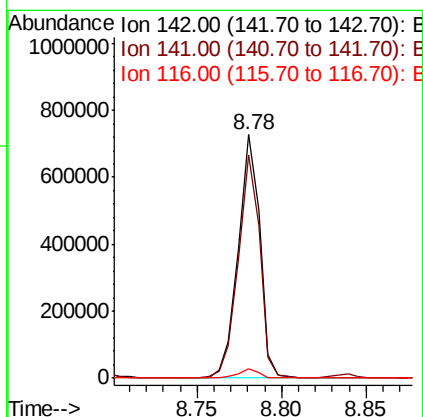
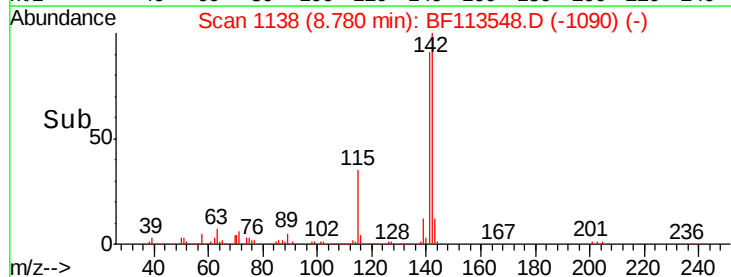
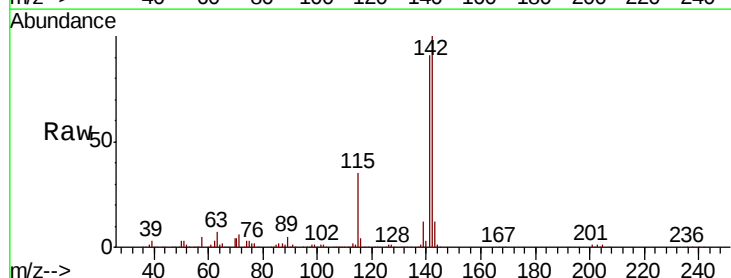
Instrument :
BNA_F
ClientSampled :

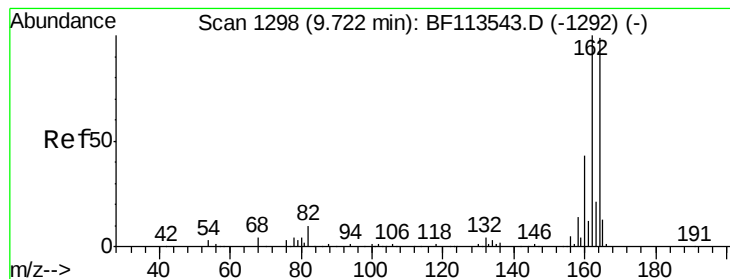
Tot Ion:142 Resp: 669246
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6
115 33.6 26.6 39.8



#38
1-Methylnaphthalene
Concen: 40.915 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Tgt Ion:142 Resp: 644213
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

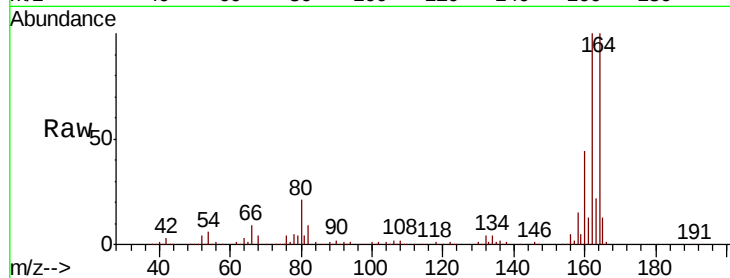
Tot Ion:164 Resp: 247011

Ion Ratio Lower Upper

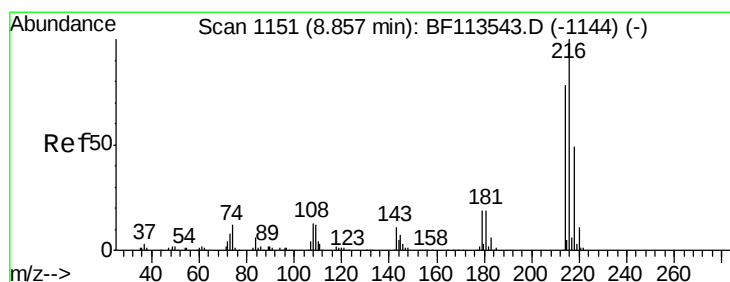
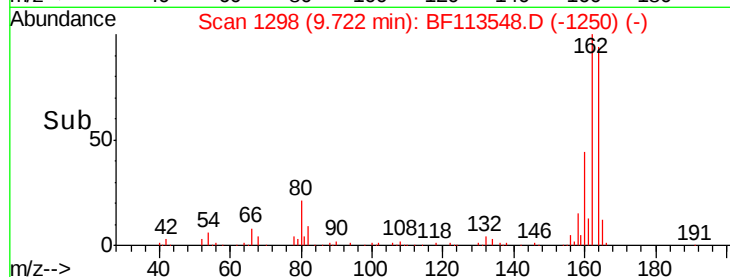
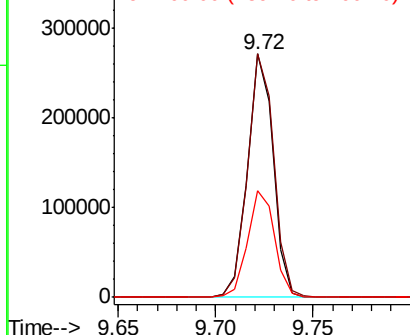
164 100

162 100.0 81.8 122.6

160 43.6 36.4 54.6



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.380 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Tgt Ion:216 Resp: 322578

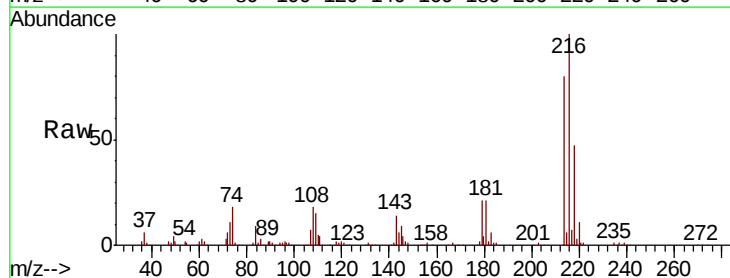
Ion Ratio Lower Upper

216 100

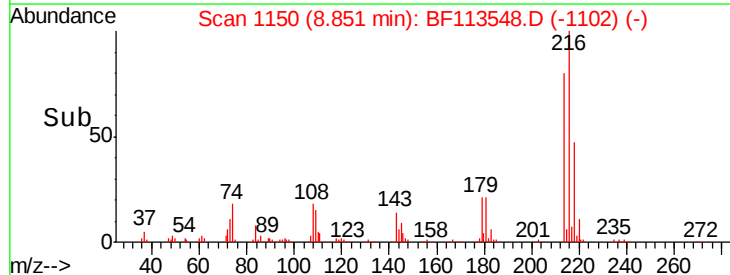
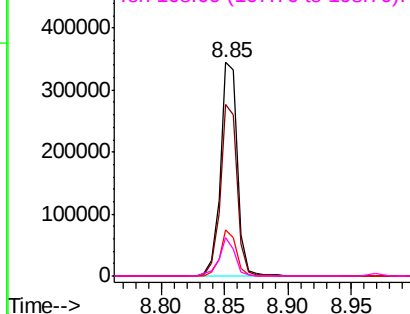
214 79.8 63.0 94.6

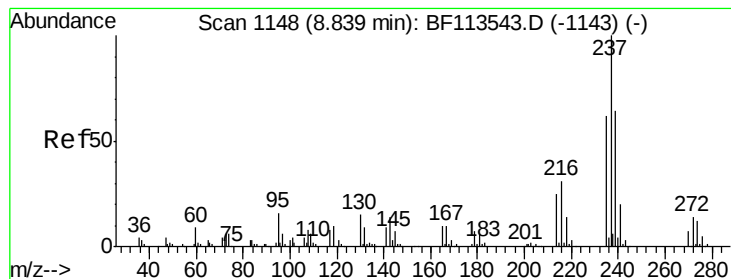
179 20.2 16.8 25.2

108 16.9 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: 39.091 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampled :

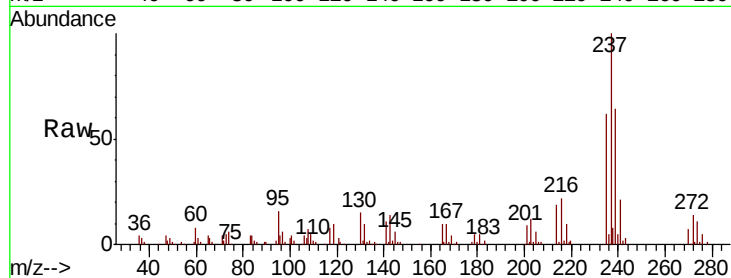
Tot Ion:237 Resp: 86322

Ion Ratio Lower Upper

237 100

235 61.5 43.4 83.4

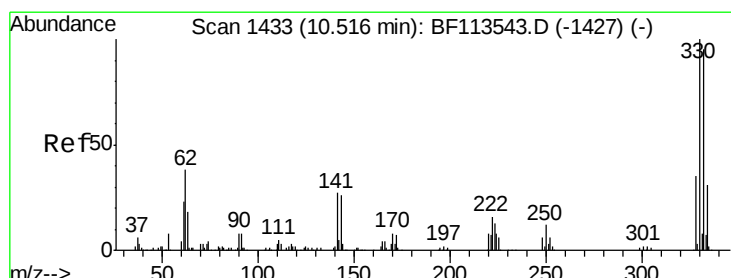
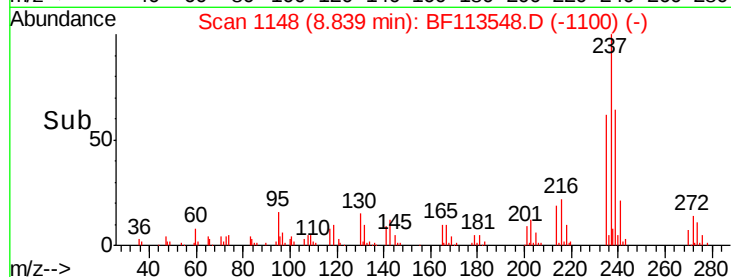
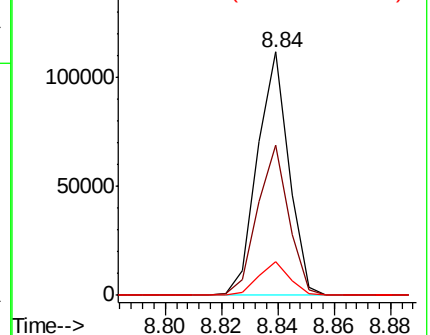
272 14.1 0.0 33.7



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: 81.407 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

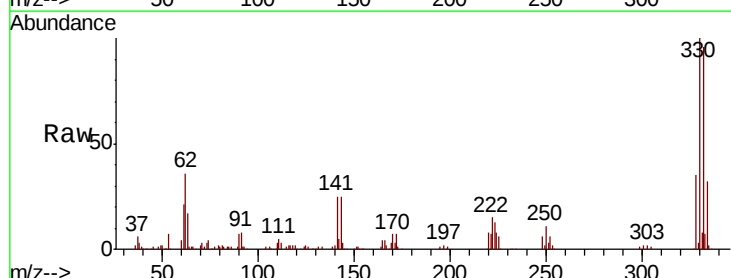
Tgt Ion:330 Resp: 241550

Ion Ratio Lower Upper

330 100

332 96.8 77.8 116.6

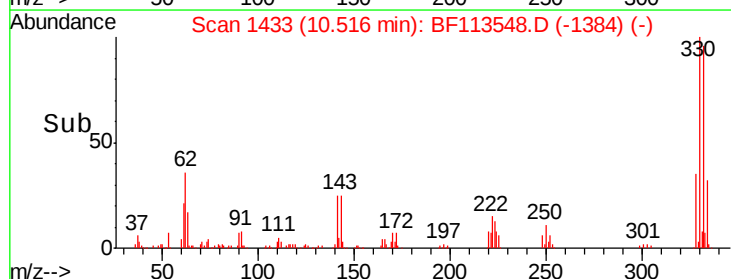
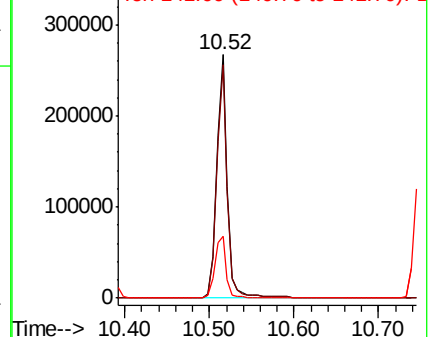
141 27.1 22.7 34.1



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

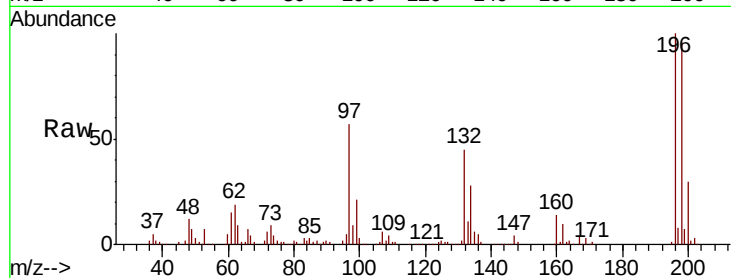




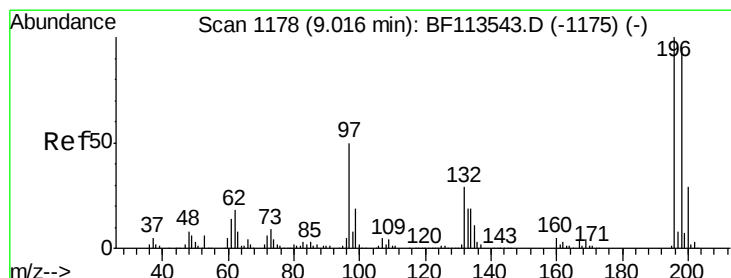
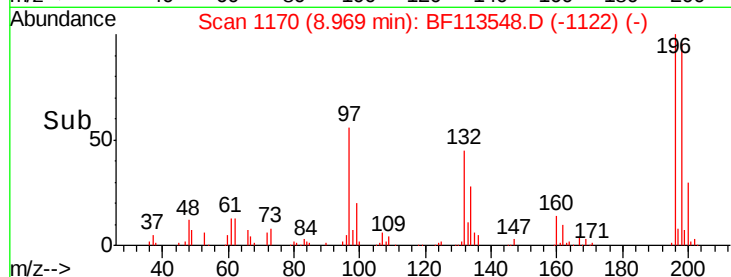
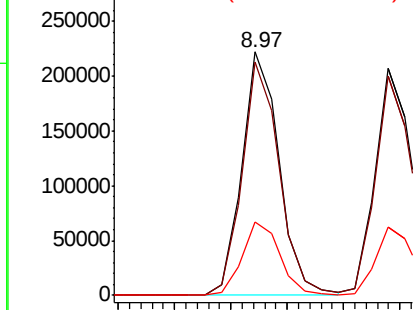
#43
 2,4,6-Trichlorophenol
 Concen: 40.354 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 203488
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.7 116.5
 200 29.9 24.9 37.3

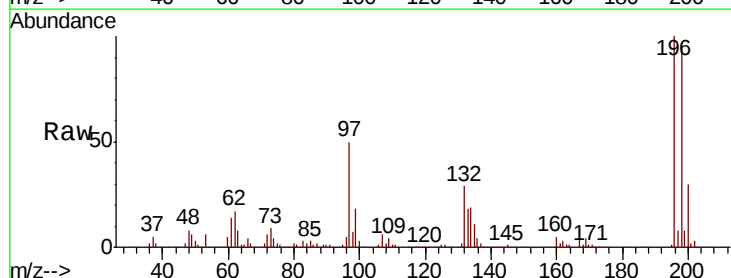


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

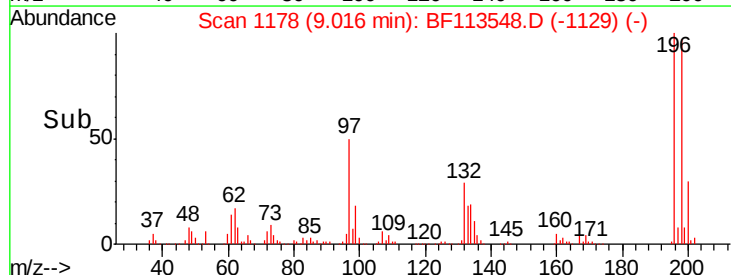
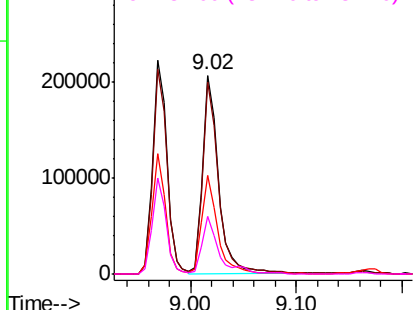


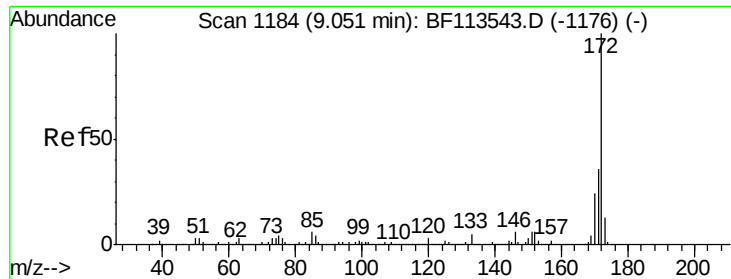
#44
 2,4,5-Trichlorophenol
 Concen: 40.097 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Tgt Ion:196 Resp: 217070
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.4 113.2
 97 49.6 38.6 58.0
 132 28.9 22.9 34.3



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

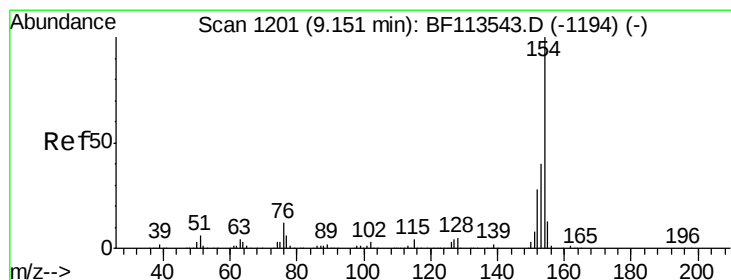
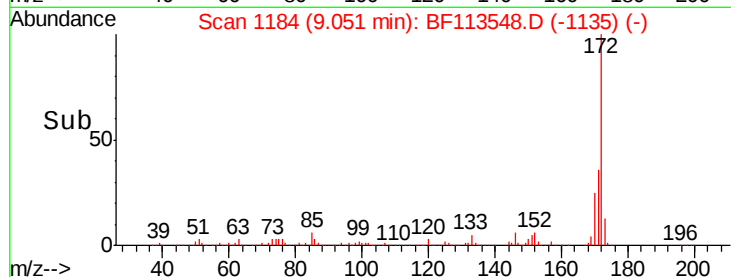
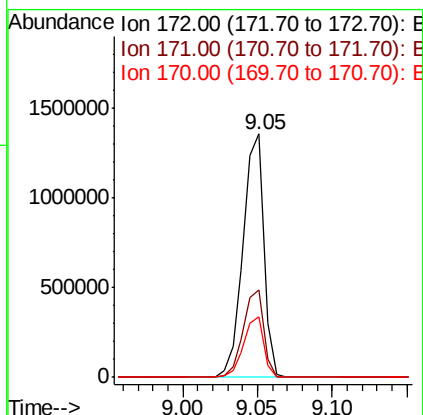
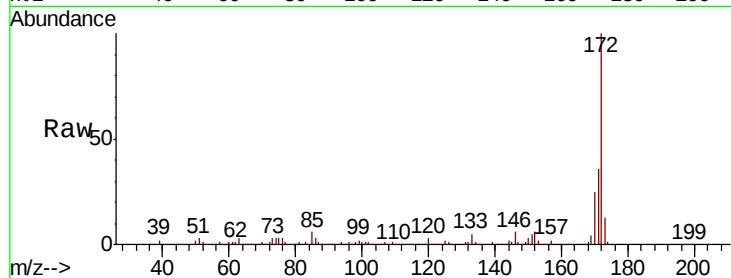




#45
2-Fluorobiphenyl
Concen: 85.685 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

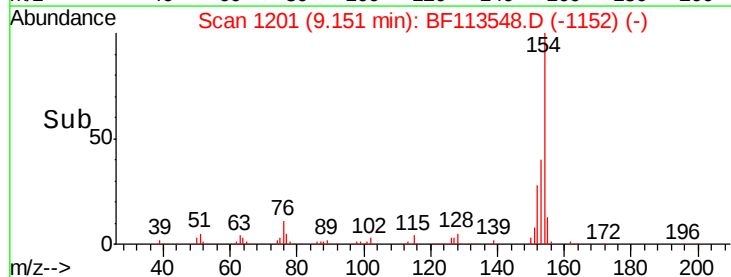
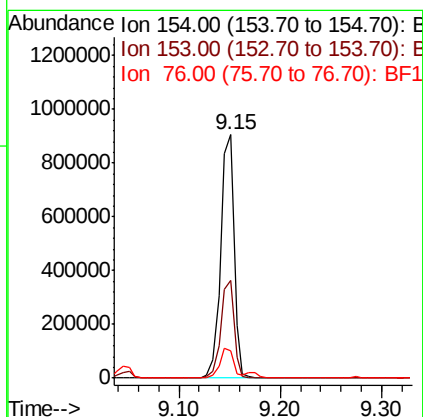
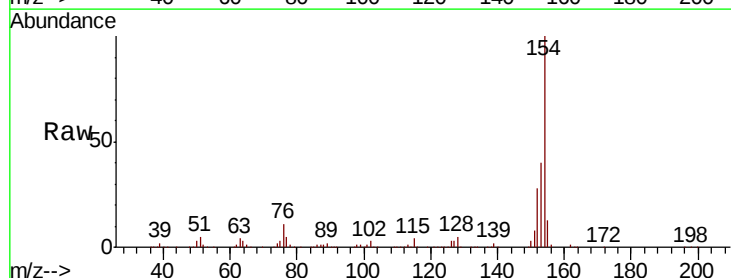
Instrument :
BNA_F
ClientSampleId :

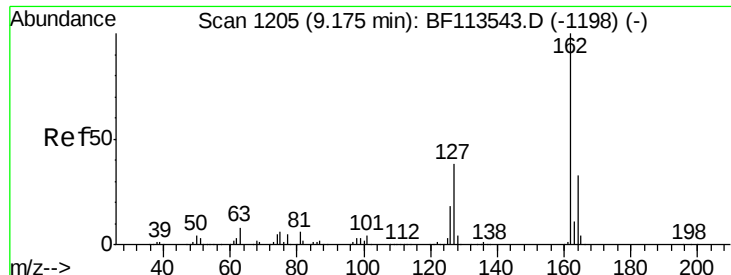
Tot Ion:172 Resp: 1314689
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 24.7 19.5 29.3



#46
1,1'-Biphenyl
Concen: 40.825 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Tgt Ion:154 Resp: 832132
Ion Ratio Lower Upper
154 100
153 40.3 20.8 60.8
76 11.0 0.0 31.9

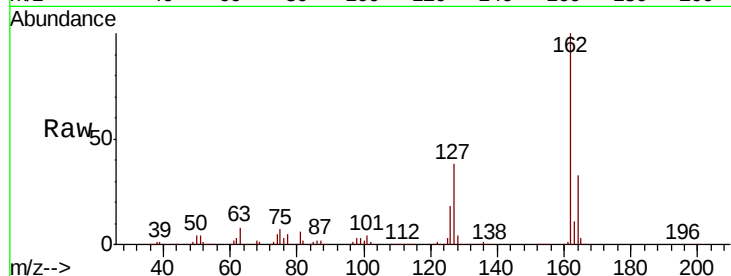




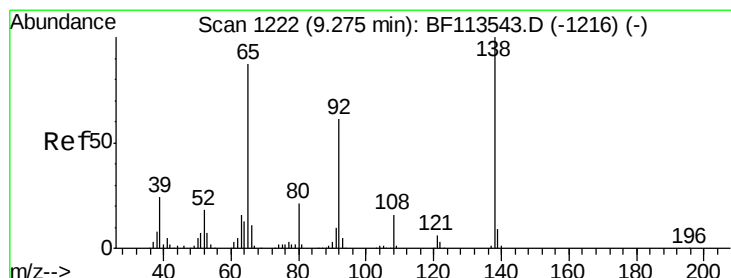
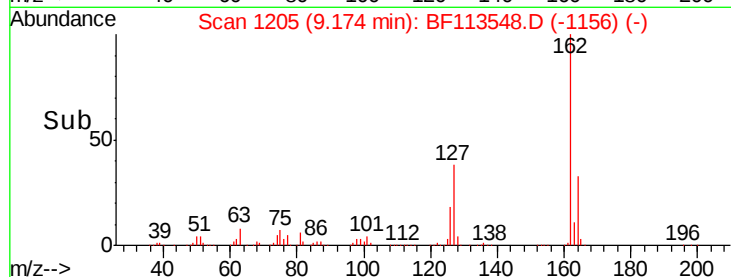
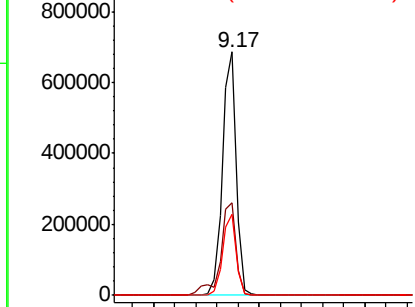
#47
 2-Chloronaphthalene
 Concen: 40.869 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	32.6	49.0
164	33.2	26.6	39.8

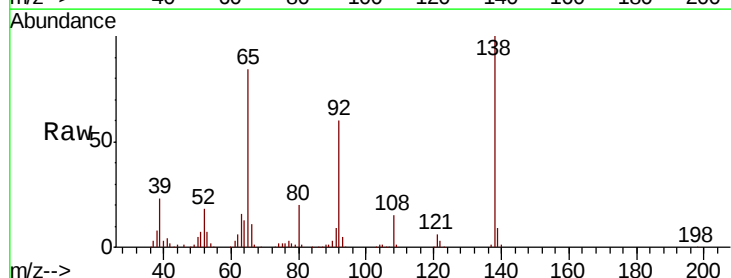


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

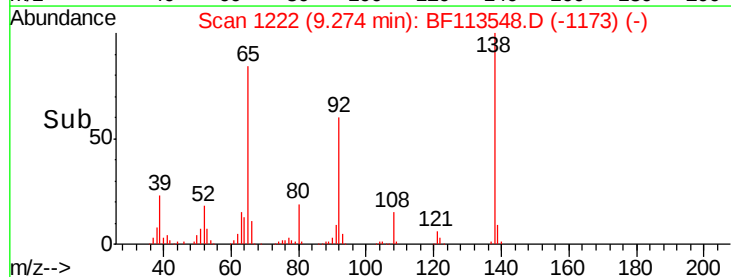
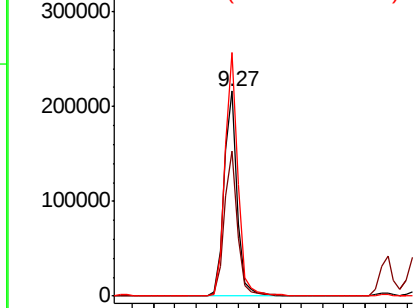


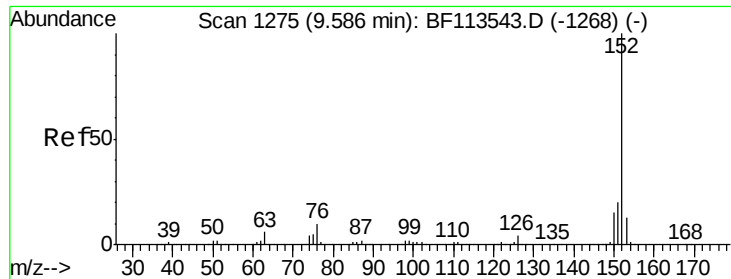
#48
 2-Nitroaniline
 Concen: 39.994 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.2	56.8	85.2
138	119.0	92.3	138.5



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





#49

Acenaphthylene

Concen: 41.034 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

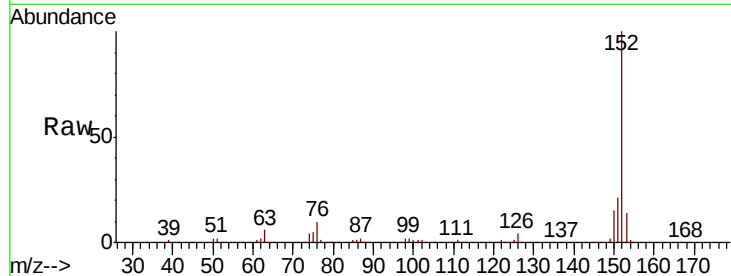
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1029777

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.7	11.0	16.6

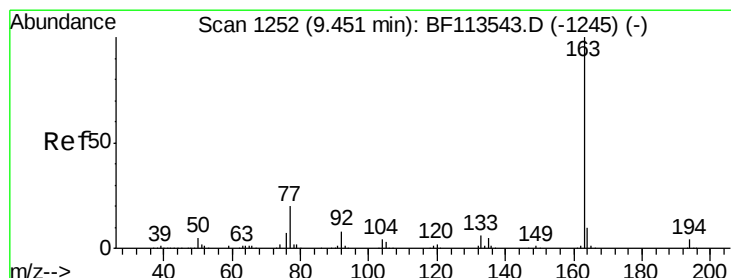
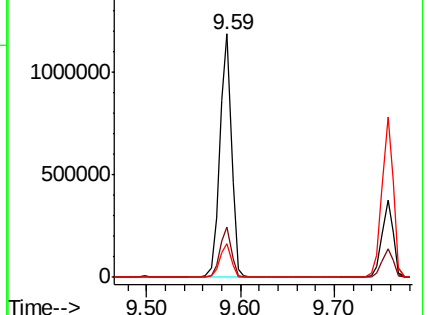
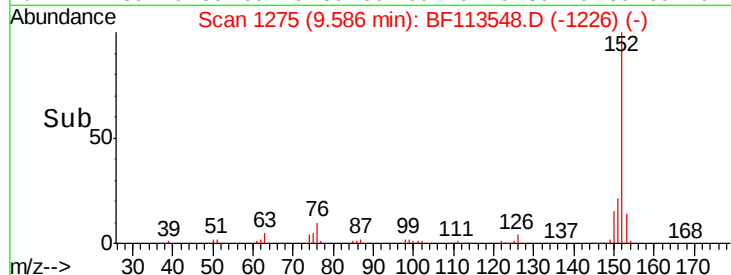


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.899 ng

RT: 9.45 min Scan# 1252

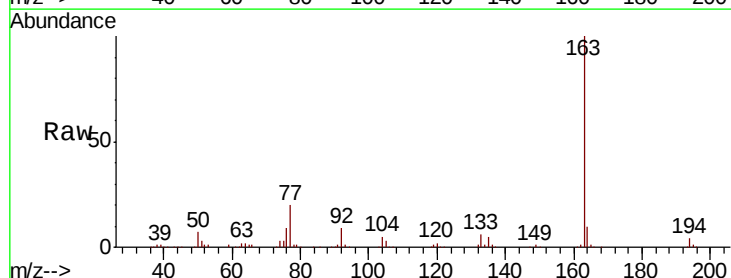
Delta R.T. -0.02 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Tgt Ion:163 Resp: 726479

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.4	8.1	12.1

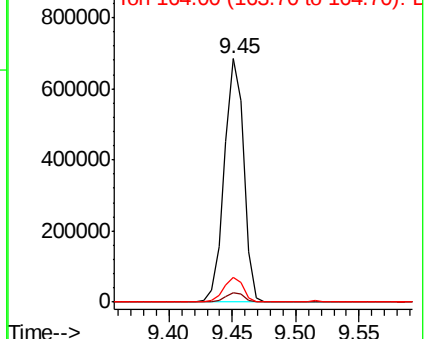
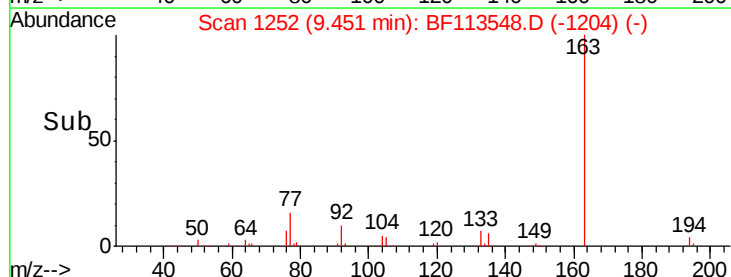


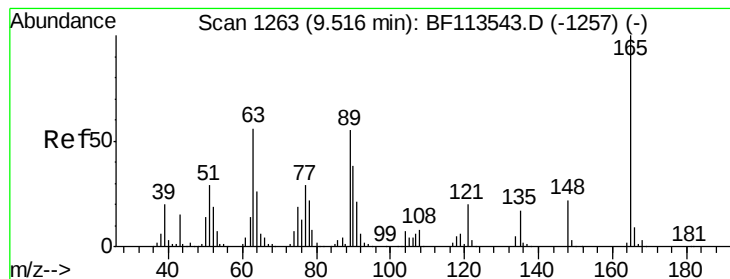
Abundance

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: 40.645 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampled :

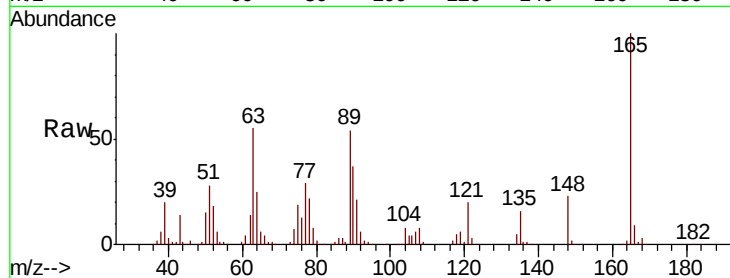
Tot Ion:165 Resp: 163131

Ion Ratio Lower Upper

165 100

63 54.6 43.4 65.0

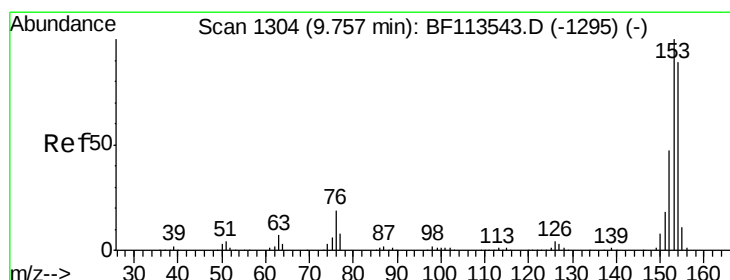
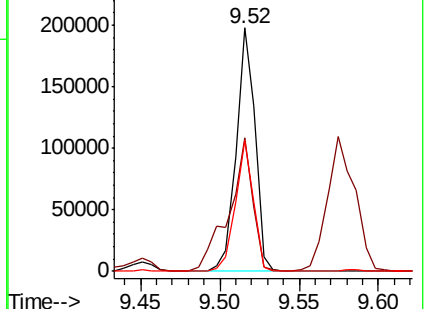
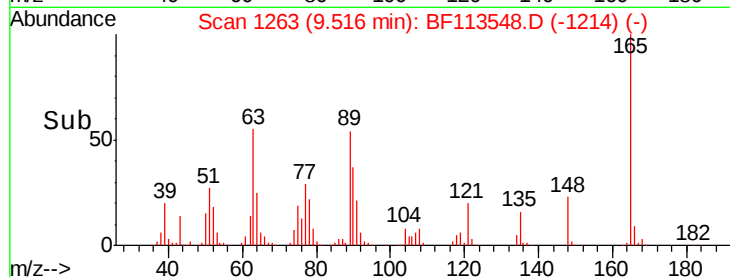
89 54.0 43.1 64.7



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: 40.685 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

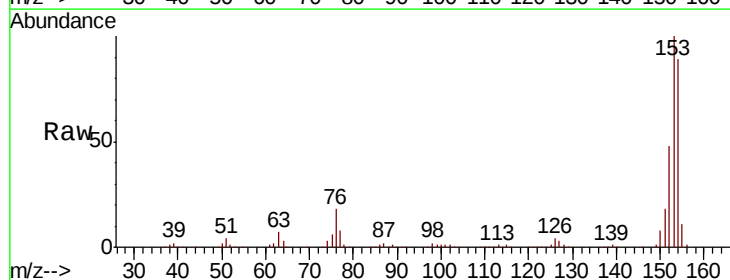
Tgt Ion:154 Resp: 584456

Ion Ratio Lower Upper

154 100

153 111.9 89.5 134.3

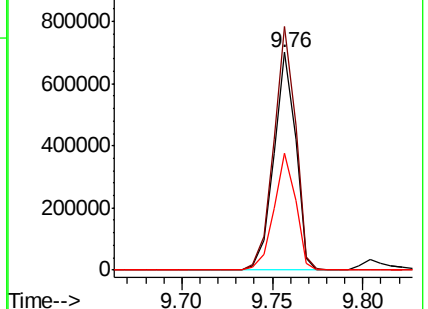
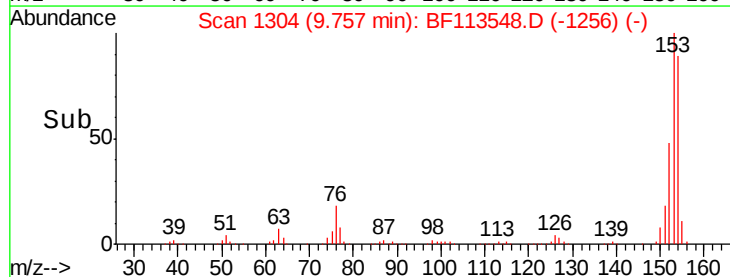
152 53.6 43.3 64.9

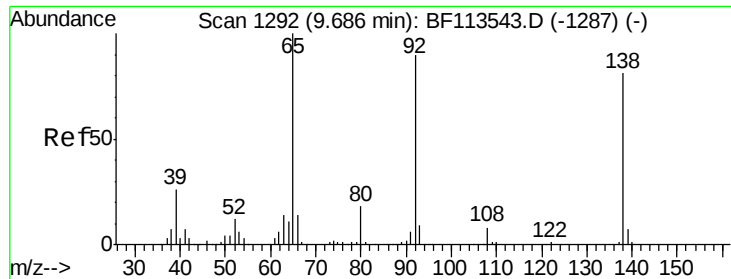


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

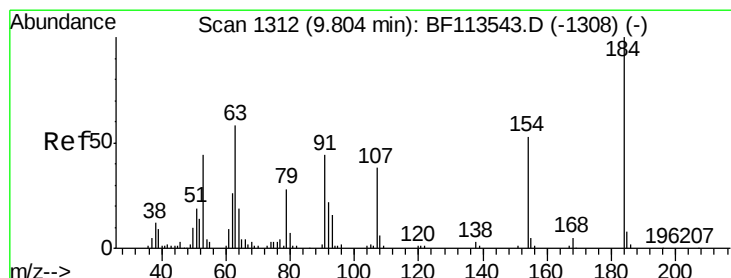
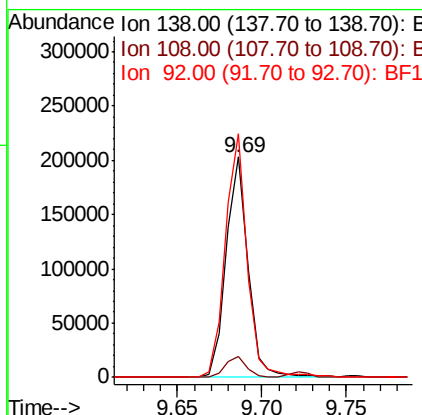
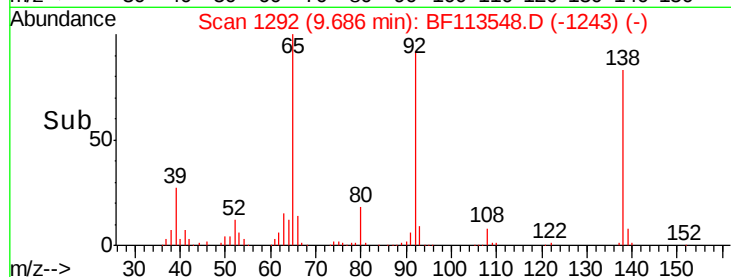
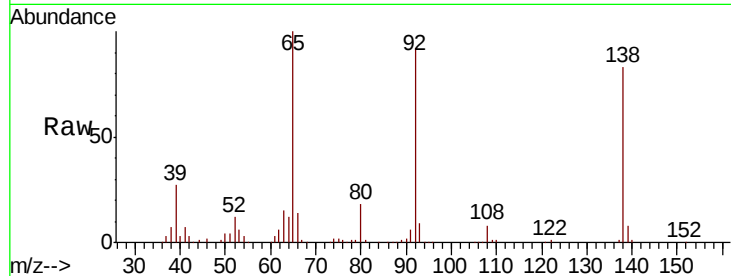




#53
 3-Nitroaniline
 Concen: 40.164 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

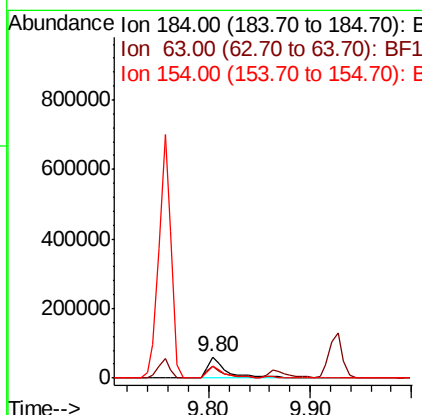
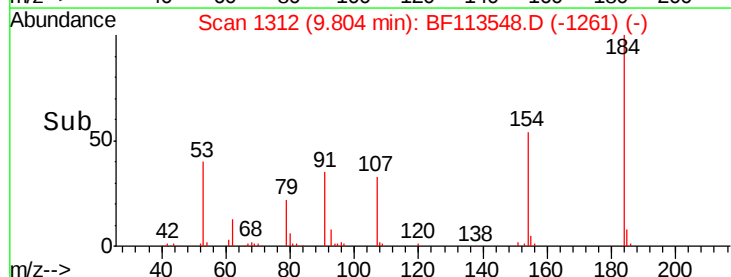
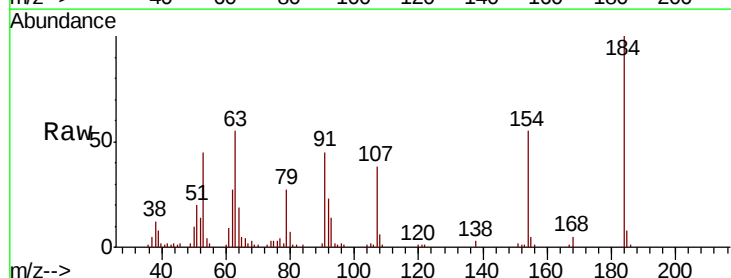
Instrument :
 BNA_F
 ClientSampleId :

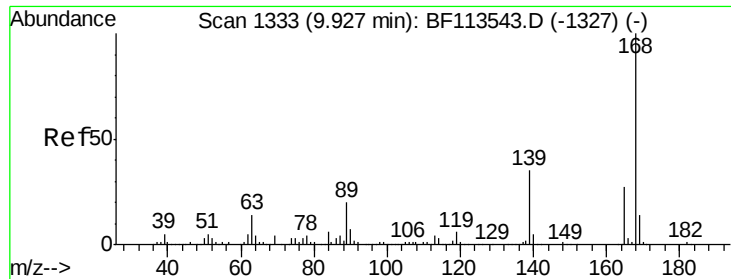
Tot Ion:138 Resp: 183277
 Ion Ratio Lower Upper
 138 100
 108 9.8 7.8 11.6
 92 110.5 82.6 124.0



#54
 2,4-Dinitrophenol
 Concen: 41.372 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Tgt Ion:184 Resp: 77686
 Ion Ratio Lower Upper
 184 100
 63 54.7 54.3 81.5
 154 55.0 48.4 72.6

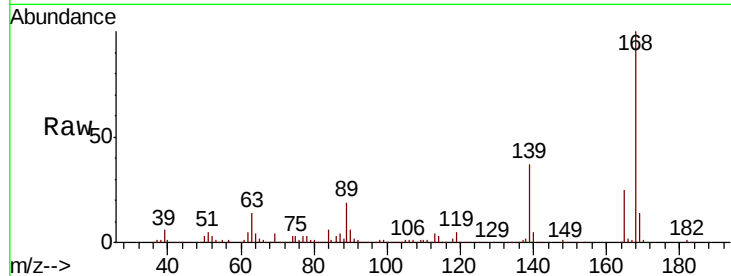




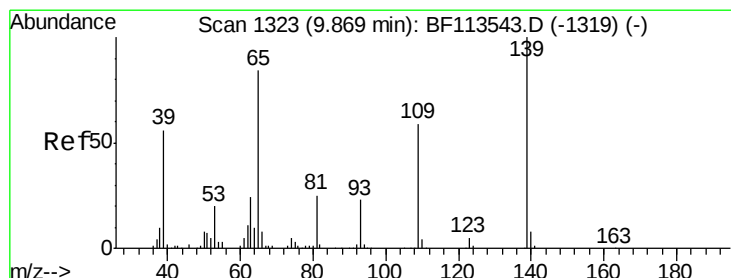
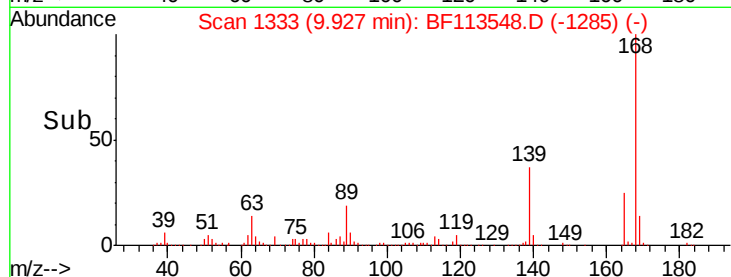
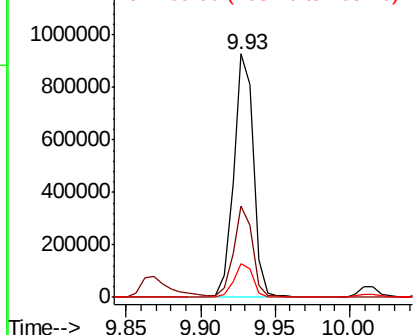
#55
Dibenzenofuran
Concen: 40.961 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 863151
Ion Ratio Lower Upper
168 100
139 37.3 29.7 44.5
169 14.0 10.7 16.1

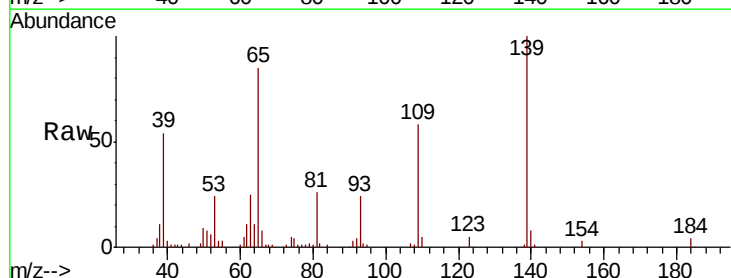


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

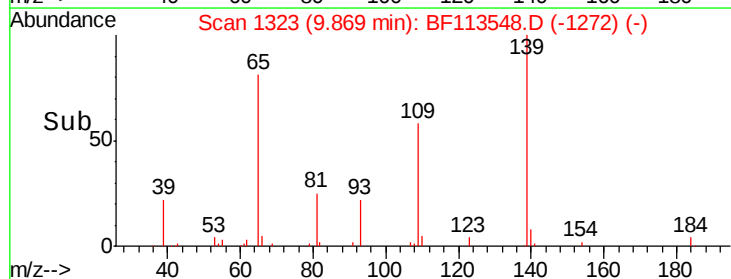
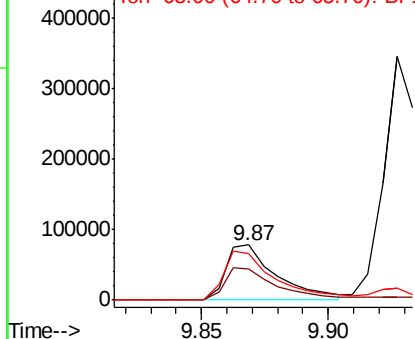


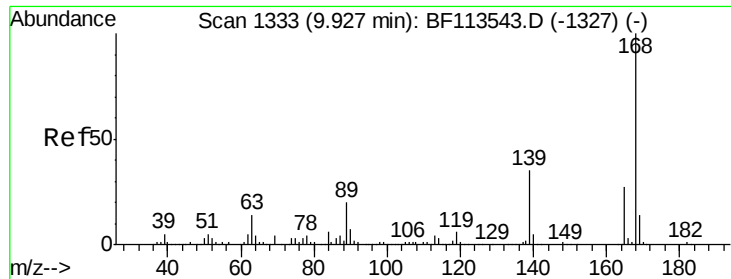
#56
4-Nitrophenol
Concen: 38.424 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Tgt Ion:139 Resp: 108766
Ion Ratio Lower Upper
139 100
109 57.6 46.9 86.9
65 85.0 77.2 117.2



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

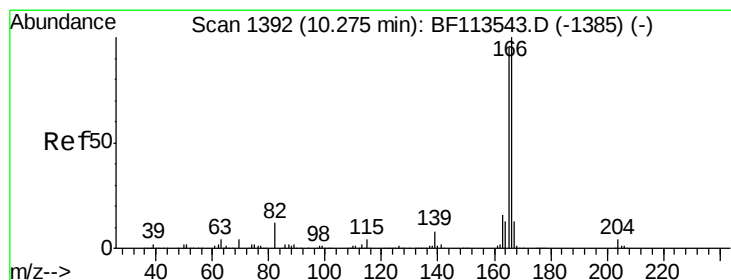
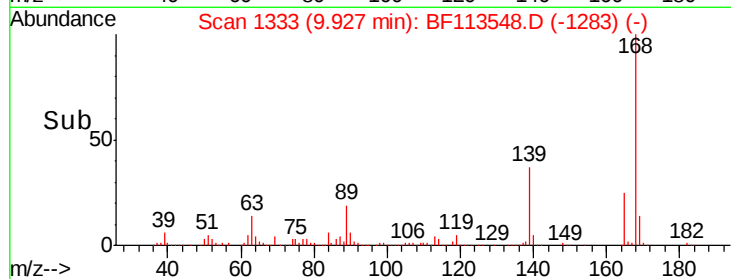
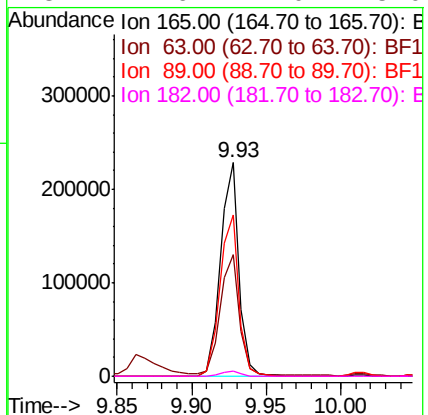
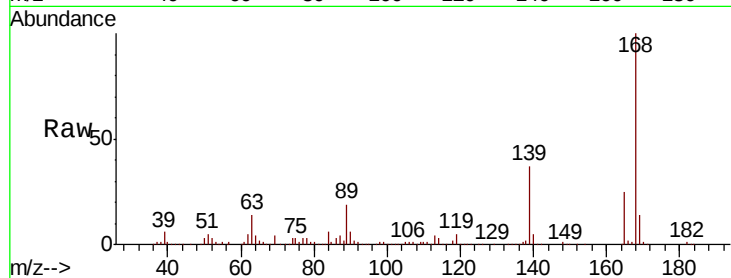




#57
 2,4-Dinitrotoluene
 Concen: 41.005 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

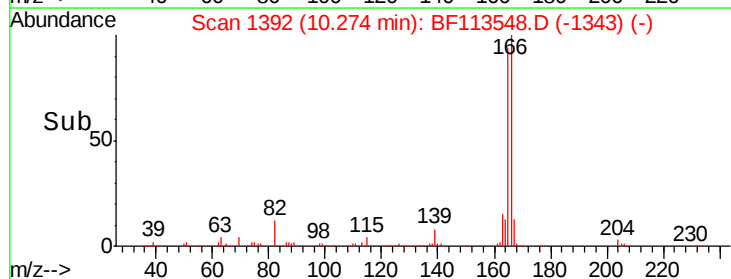
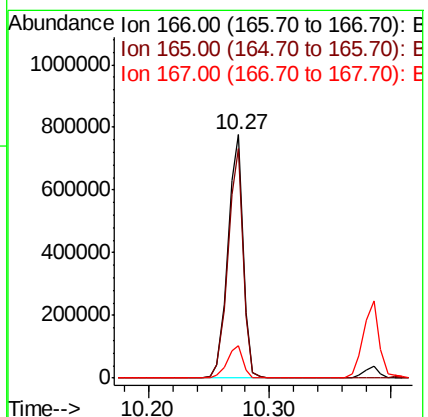
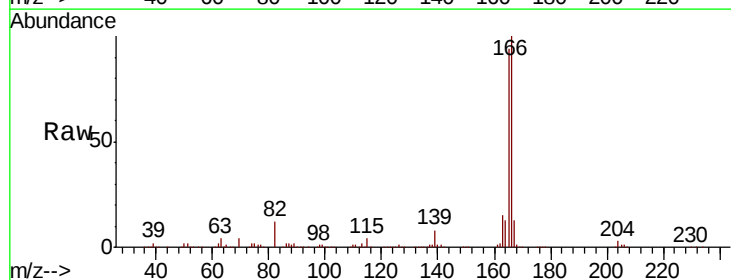
Instrument :
 BNA_F
 ClientSampleId :

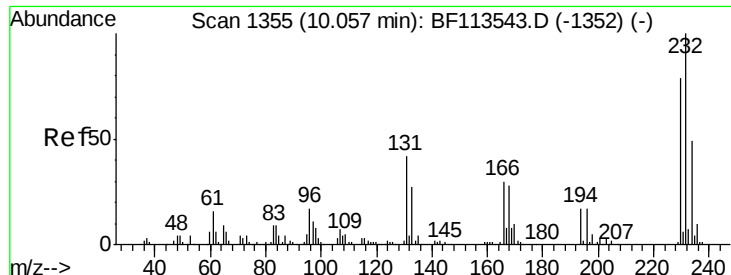
Tot Ion:165 Resp: 199044
 Ion Ratio Lower Upper
 165 100
 63 56.9 37.5 56.3#
 89 75.4 57.4 86.2
 182 2.6 2.0 3.0



#58
 Fluorene
 Concen: 41.080 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Tgt Ion:166 Resp: 684665
 Ion Ratio Lower Upper
 166 100
 165 94.3 76.2 114.2
 167 13.3 10.7 16.1

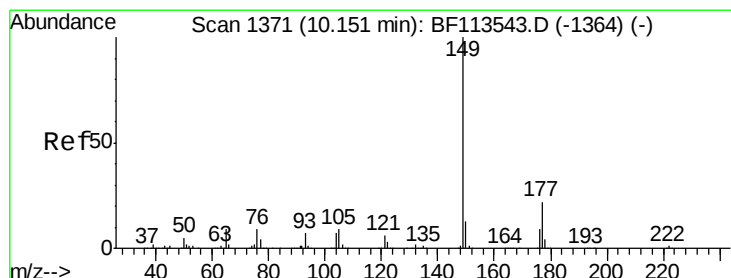
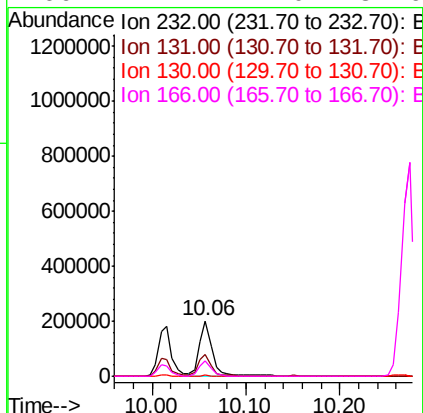
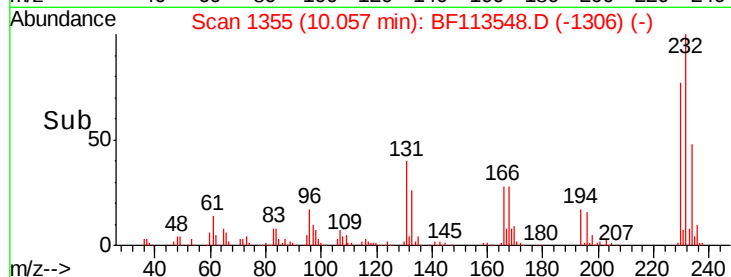
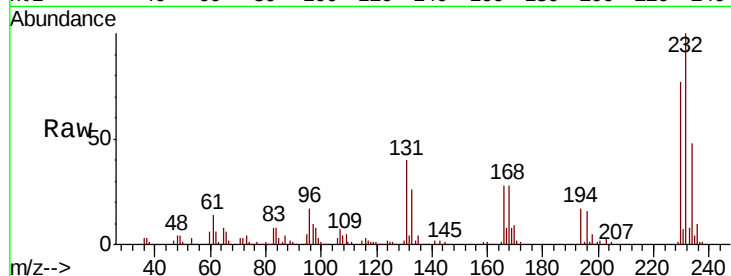




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.107 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

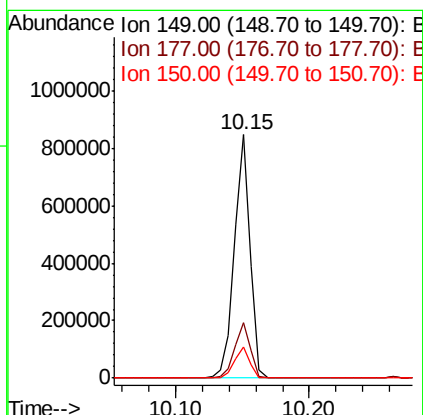
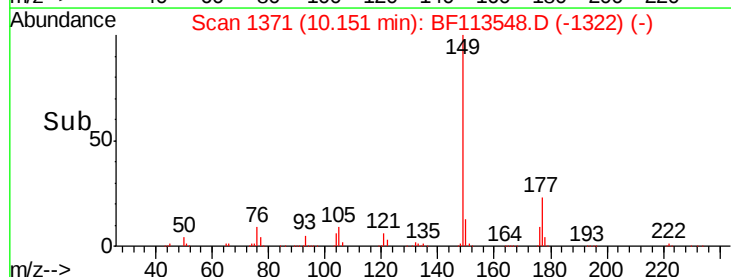
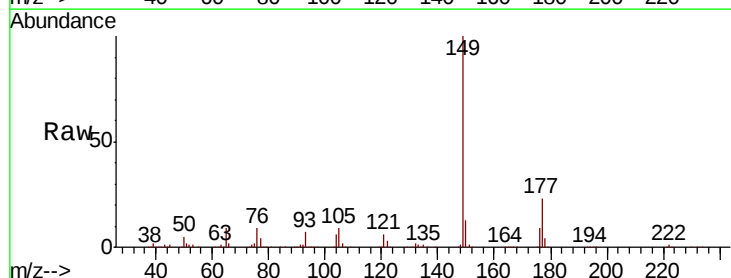
Instrument :
 BNA_F
 ClientSampled :

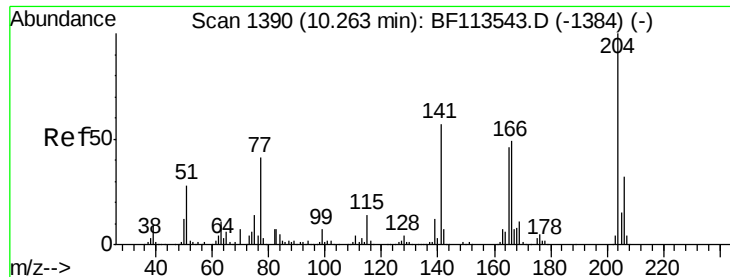
Tot Ion	Ratio	Lower	Upper
232	100		
131	39.3	33.2	49.8
130	1.7	1.6	2.4
166	27.2	21.0	31.6



#60
 Diethylphthalate
 Concen: 40.036 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.4	26.0
150	12.8	10.0	15.0

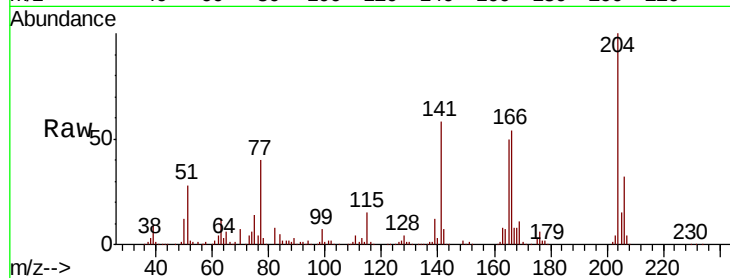




#61
4-Chlorophenyl-phenylether
Concen: 41.445 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.9	40.3
141	57.5	48.8	73.2

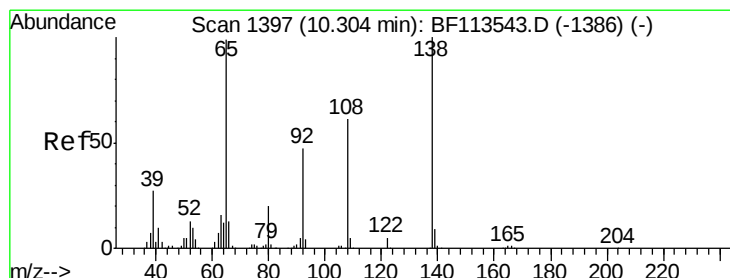
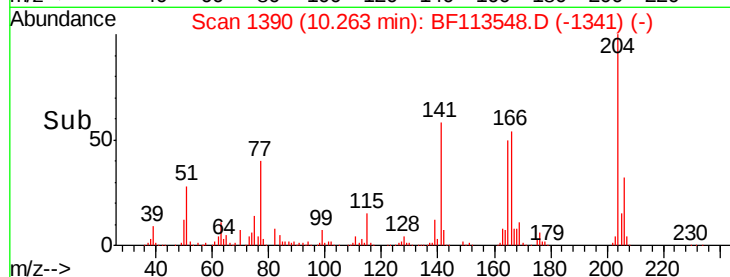
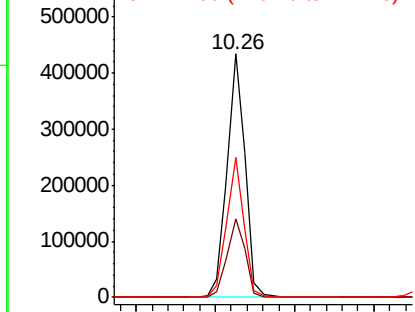


Abundance

Ion 204.00 (203.70 to 204.70): E

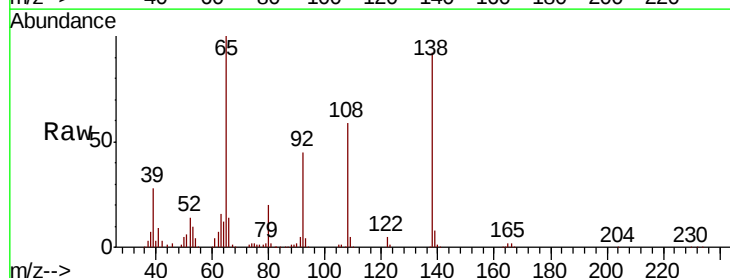
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.176 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	25.8	65.8
108	64.2	44.0	84.0

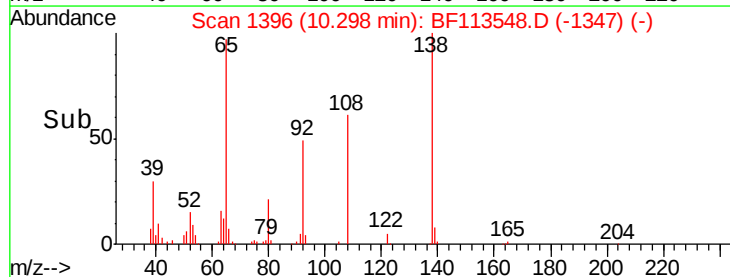
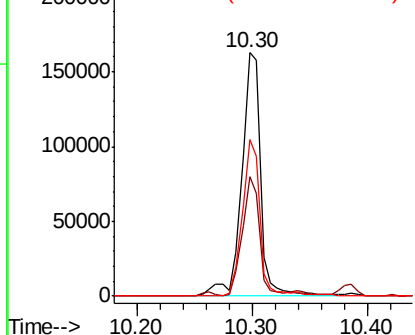


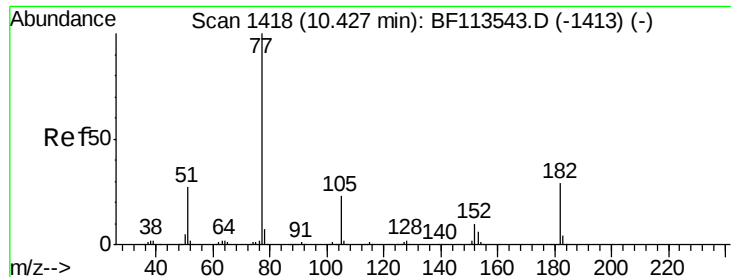
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

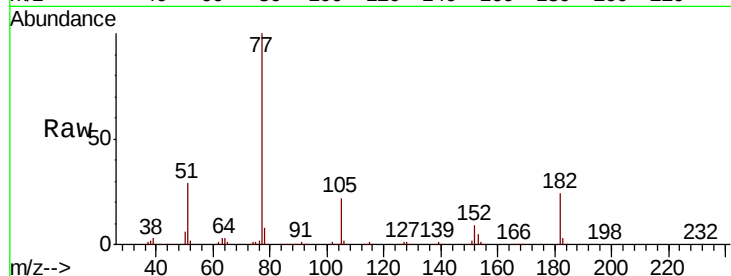




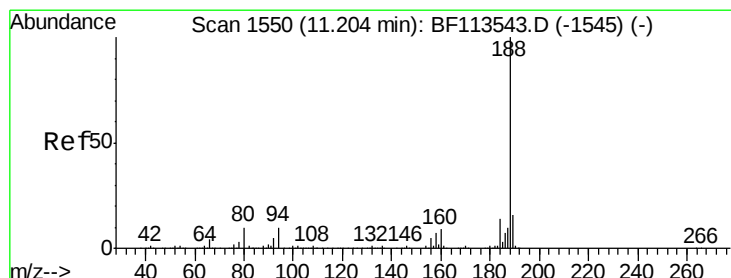
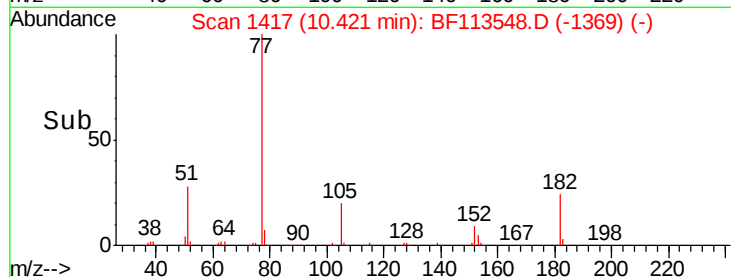
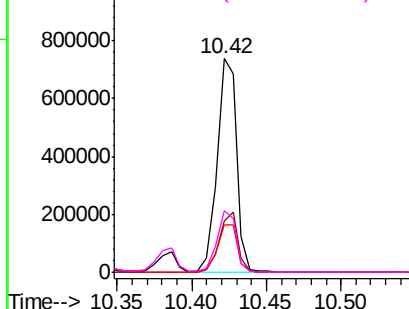
#63
Azobenzene
Concen: 40.652 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 675715
Ion Ratio Lower Upper
77 100
182 24.1 8.7 48.7
105 22.0 2.9 42.9
51 28.8 8.8 48.8

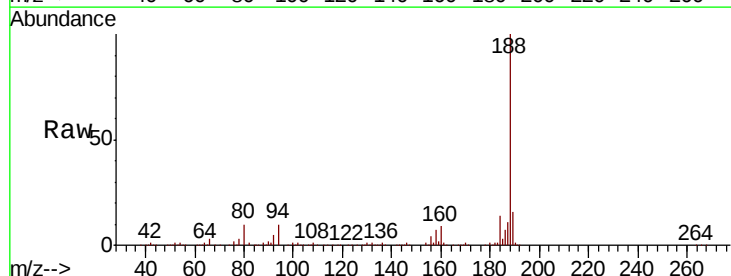


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

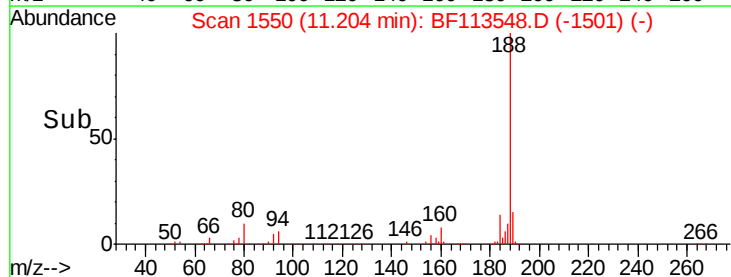
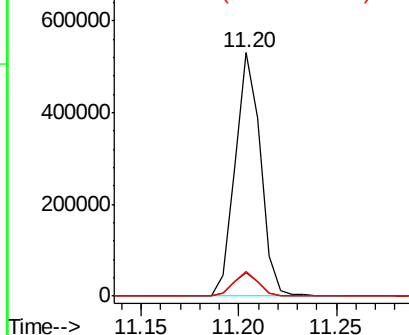


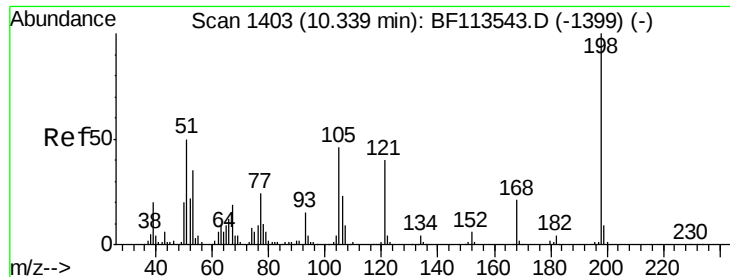
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Tgt Ion: 188 Resp: 477694
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.3 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

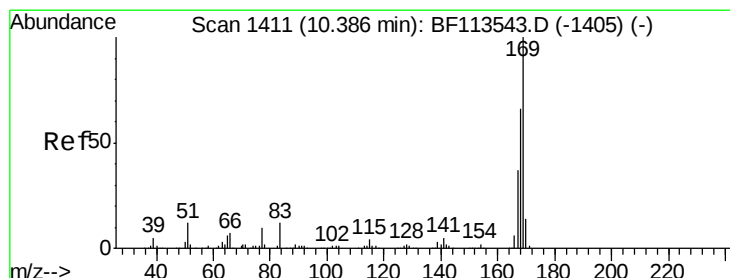
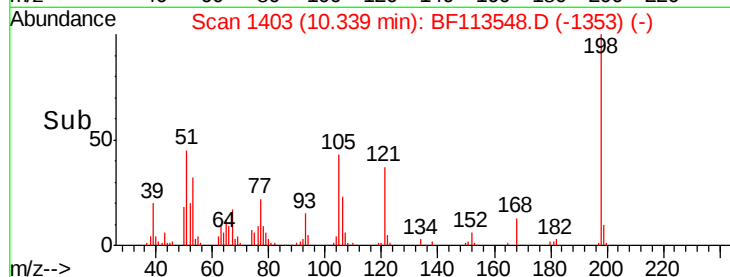
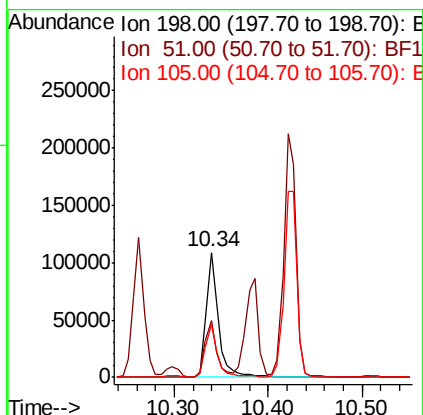
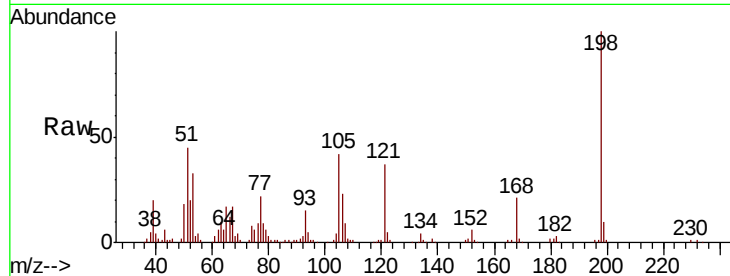




#65
4,6-Dinitro-2-methylphenol
Concen: 40.042 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

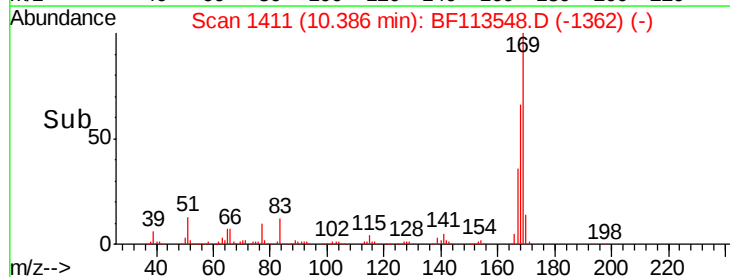
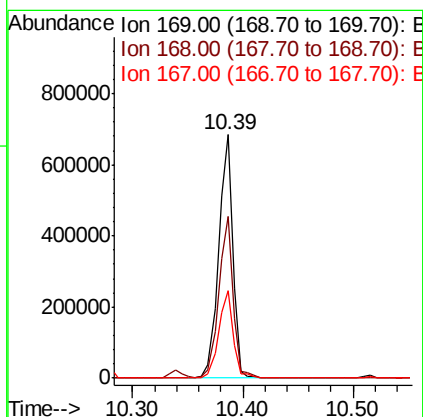
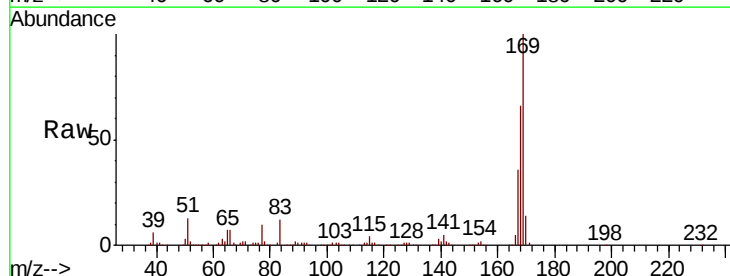
Instrument :
BNA_F
ClientSampleId :

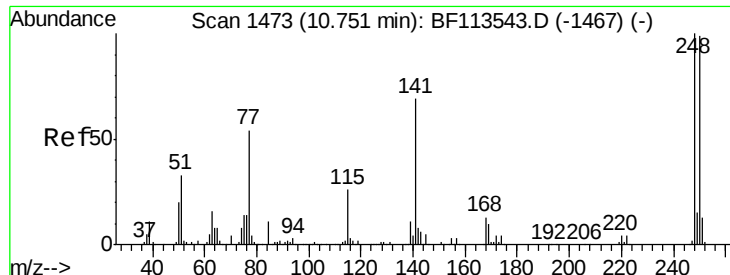
Tot Ion:198 Resp: 100699
Ion Ratio Lower Upper
198 100
51 44.9 21.6 61.6
105 42.1 20.6 60.6



#66
n-Nitrosodiphenylamine
Concen: 41.333 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Tgt Ion:169 Resp: 606143
Ion Ratio Lower Upper
169 100
168 66.3 53.7 80.5
167 36.1 29.5 44.3

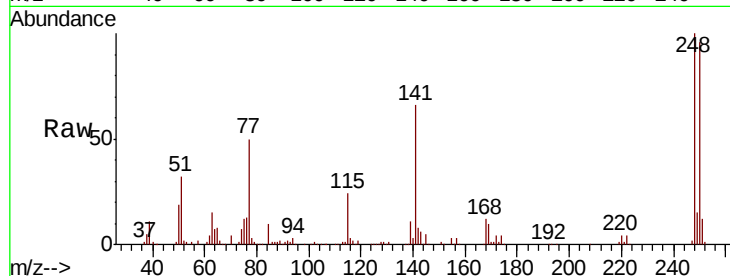




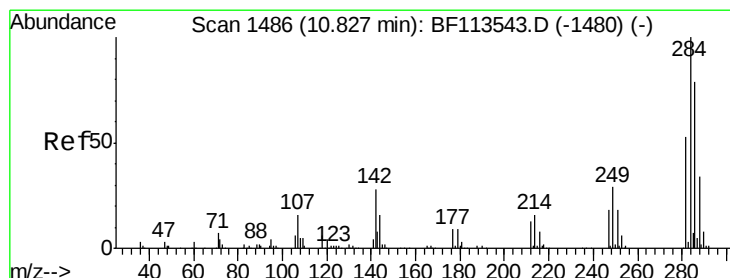
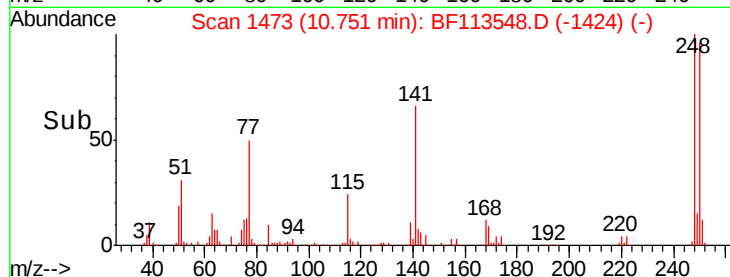
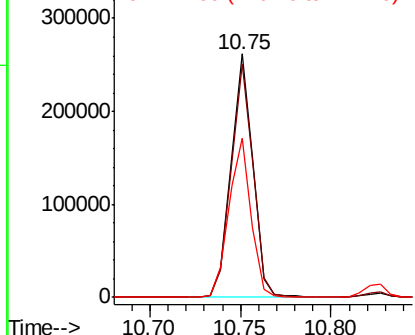
#67
4-Bromophenyl-phenylether
Concen: 41.322 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 221386
Ion Ratio Lower Upper
248 100
250 96.1 78.3 117.5
141 65.6 56.2 84.4

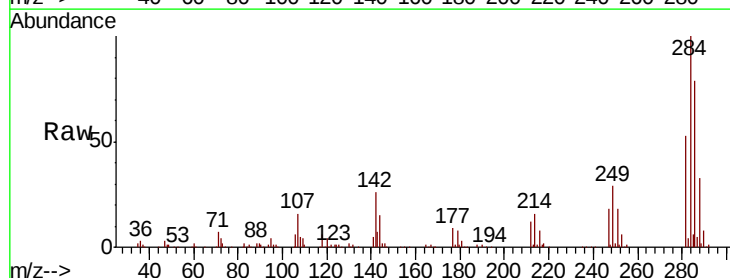


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

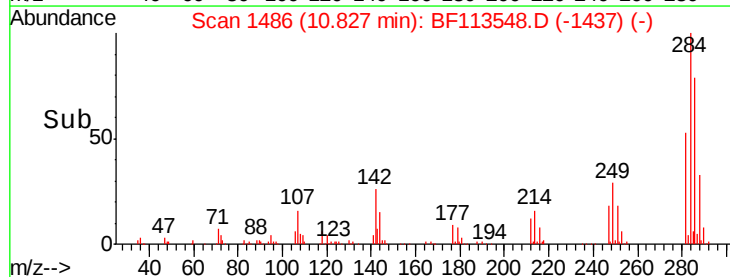
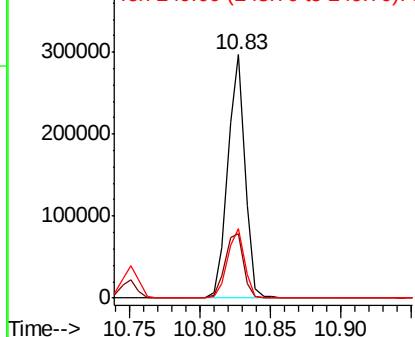


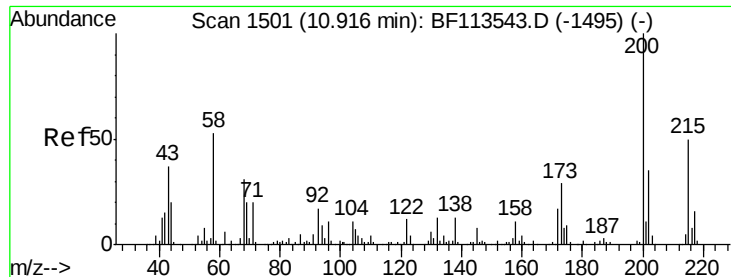
#68
Hexachlorobenzene
Concen: 40.873 ng
RT: 10.83 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Tgt Ion:284 Resp: 250912
Ion Ratio Lower Upper
284 100
142 26.4 20.1 30.1
249 28.7 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

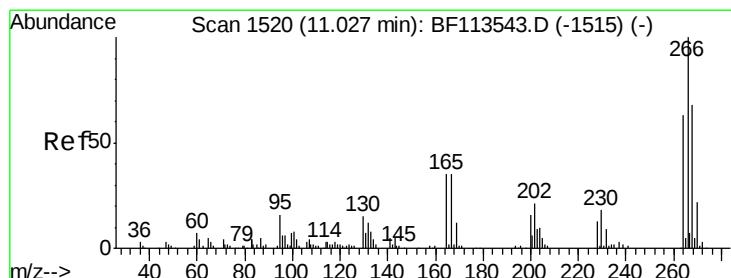
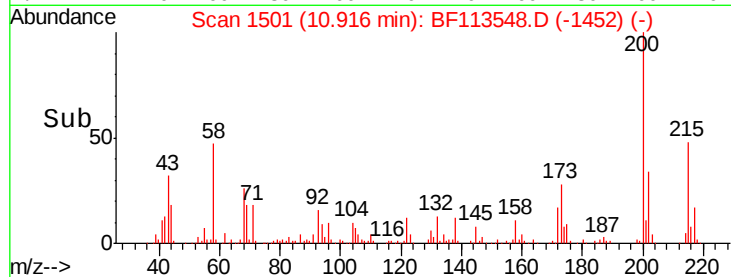
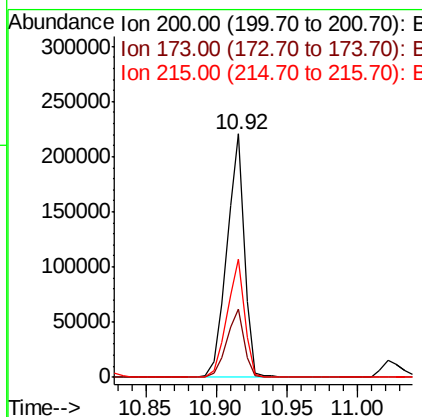
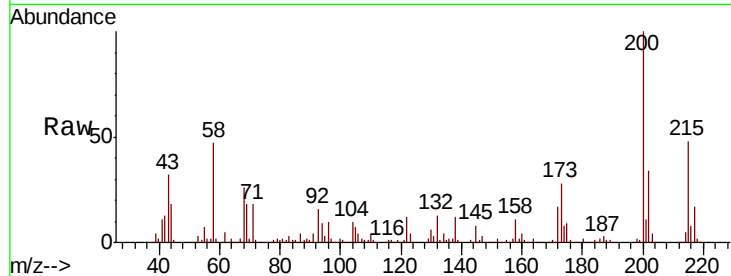




#69
 Atrazine
 Concen: 40.937 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

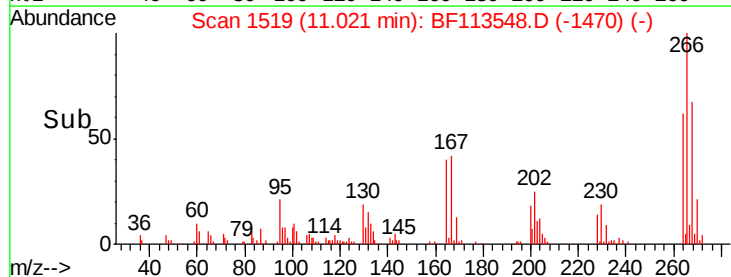
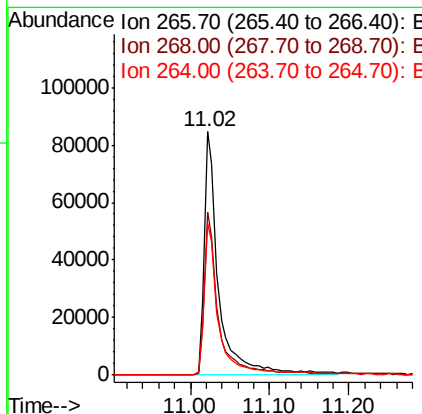
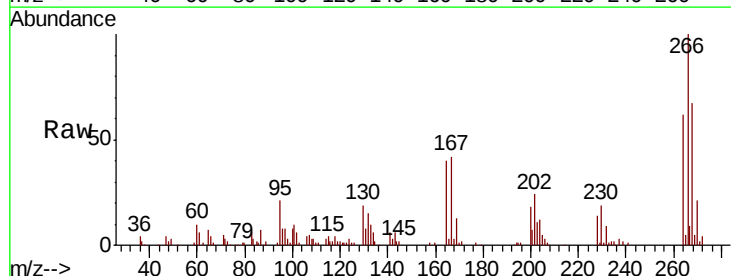
Instrument :
 BNA_F
 ClientSampleId :

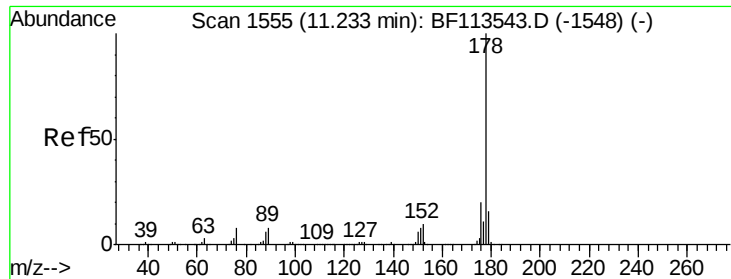
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	6.0	46.0
215	48.4	31.3	71.3



#70
 Pentachlorophenol
 Concen: 38.086 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.8	53.8	80.6
264	62.0	49.2	73.8

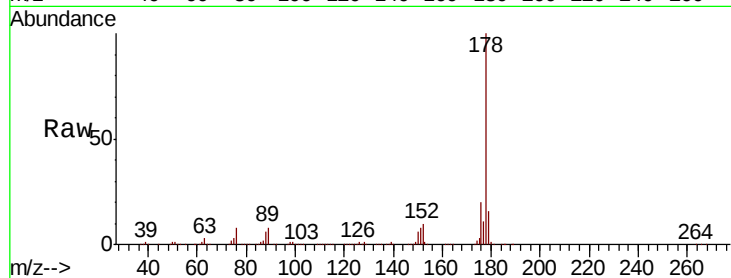




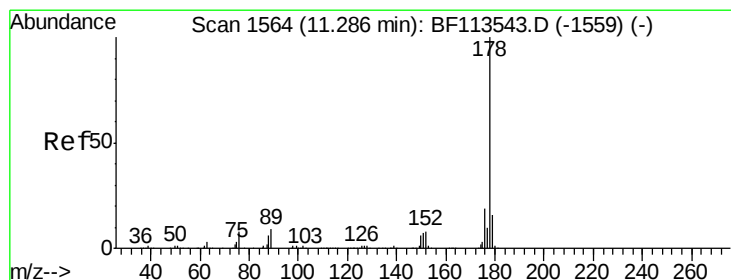
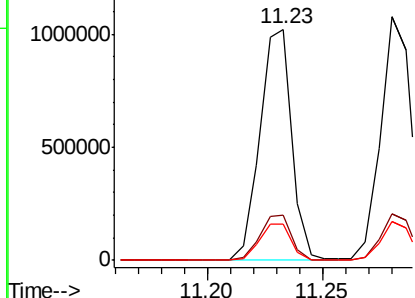
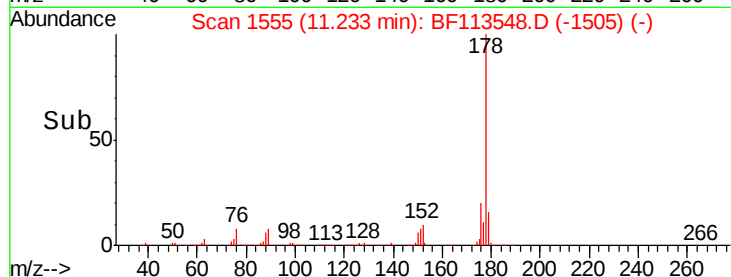
#71
Phenanthrene
Concen: 41.458 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 984087
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.2
179 15.7 12.7 19.1

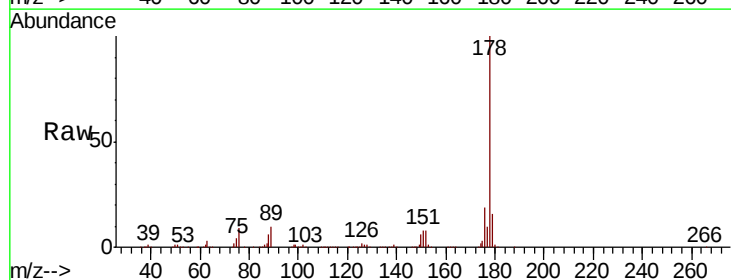


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

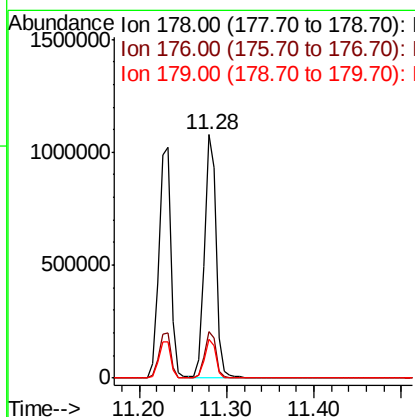
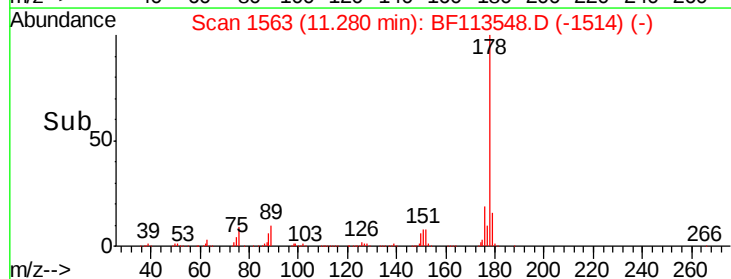


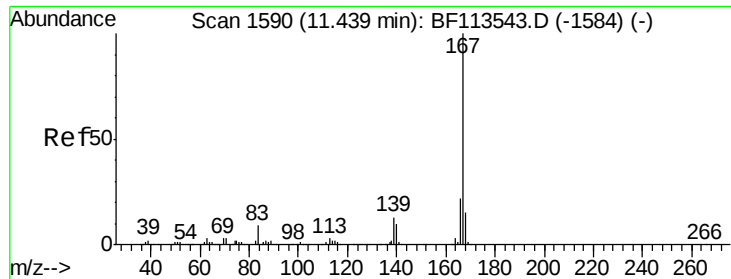
#72
Anthracene
Concen: 41.678 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Tgt Ion:178 Resp: 1006540
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 16.0 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

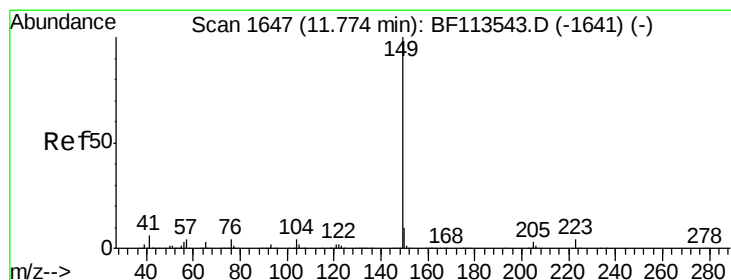
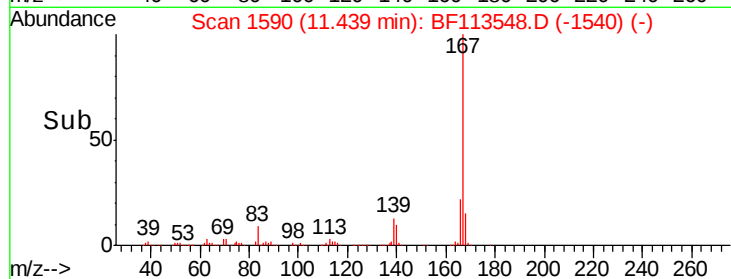
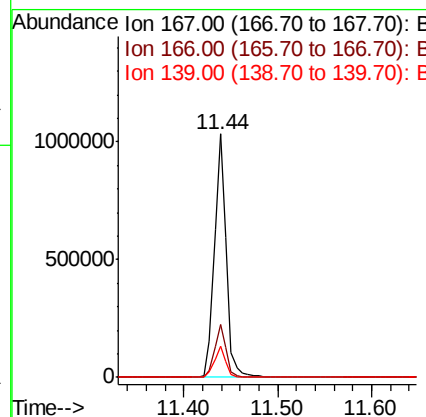
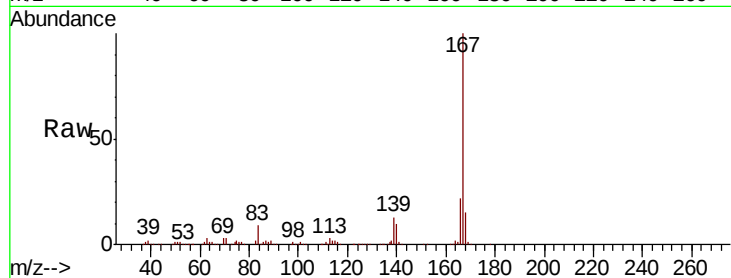




#73
 Carbazole
 Concen: 41.221 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

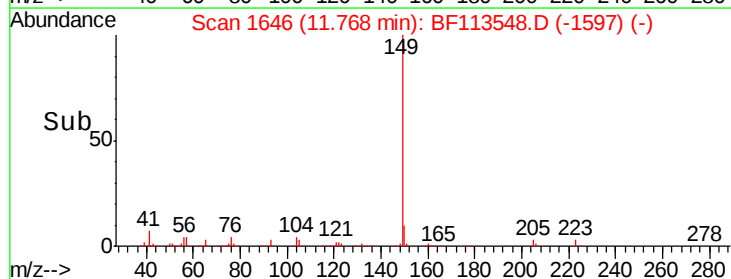
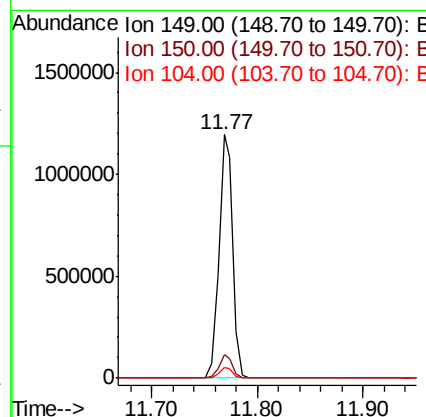
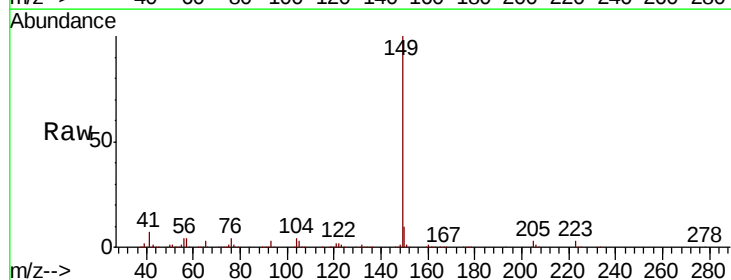
Instrument :
 BNA_F
 ClientSampled :

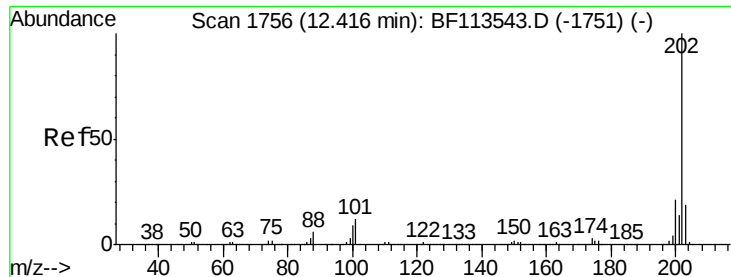
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.6	10.4	15.6



#74
 Di-n-butylphthalate
 Concen: 40.934 ng
 RT: 11.77 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.5	3.7	5.5





#75

Fluoranthene

Concen: 41.523 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

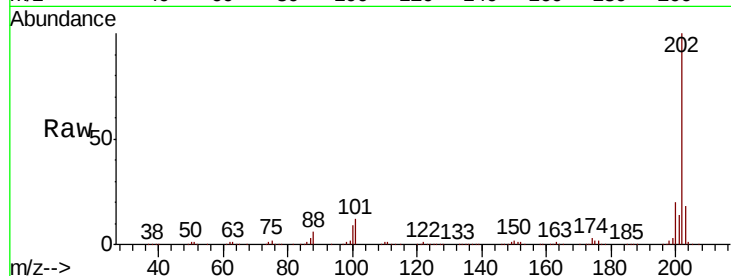
Tot Ion:202 Resp: 1056174

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.4

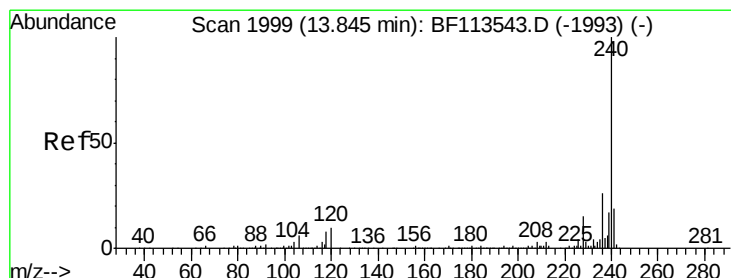
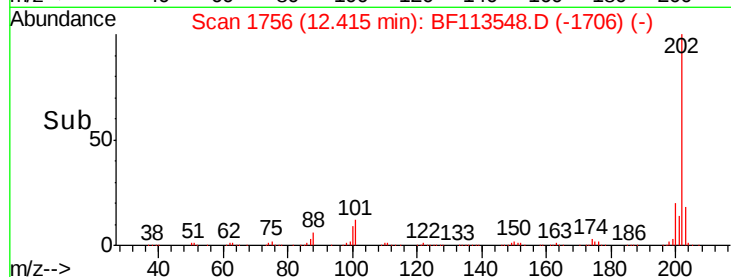
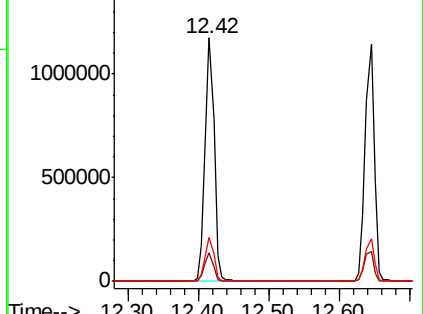
203 17.8 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

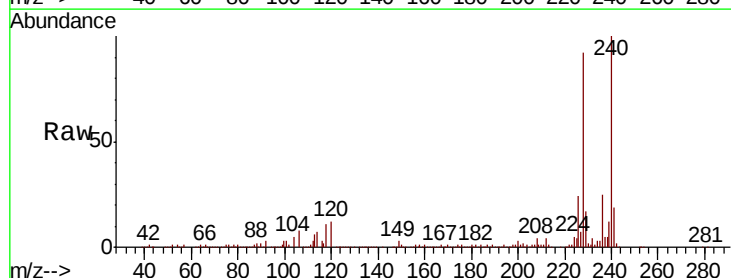
Tgt Ion:240 Resp: 329974

Ion Ratio Lower Upper

240 100

120 12.3 8.8 13.2

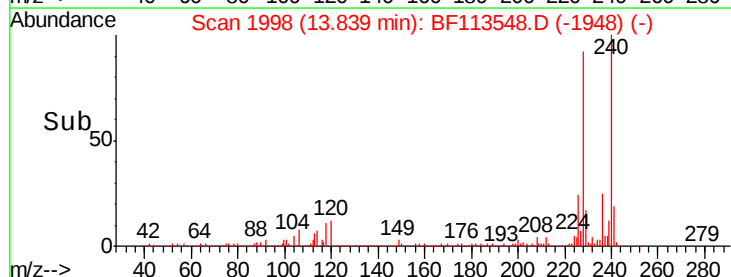
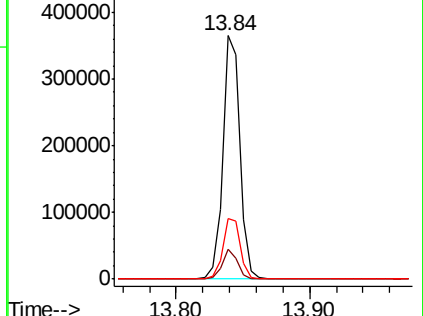
236 24.6 20.9 31.3

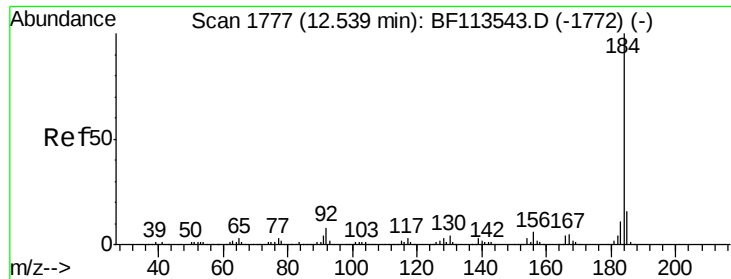


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.677 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

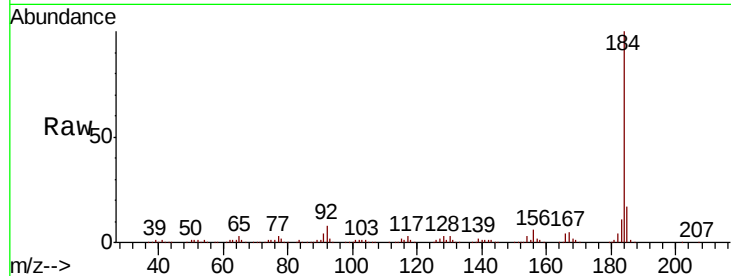
Tot Ion:184 Resp: 560493

Ion	Ratio	Lower	Upper
184	100		
185	17.5	13.0	19.6
183	11.0	9.0	13.4

184 100

185 17.5 13.0 19.6

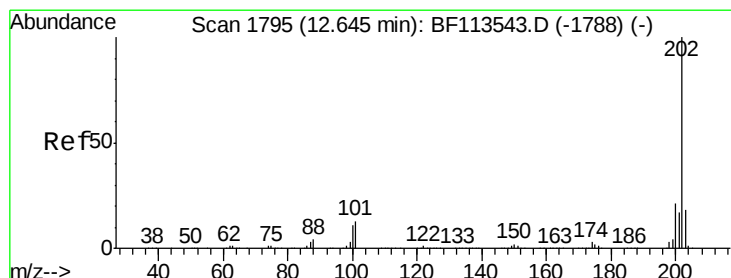
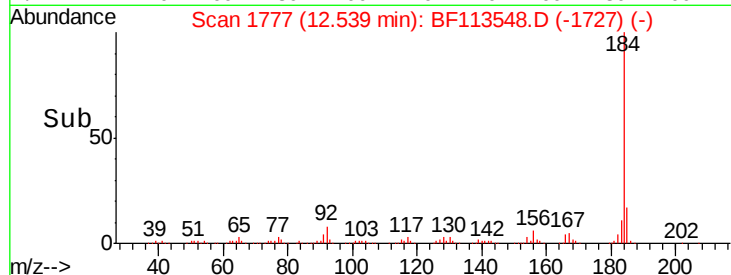
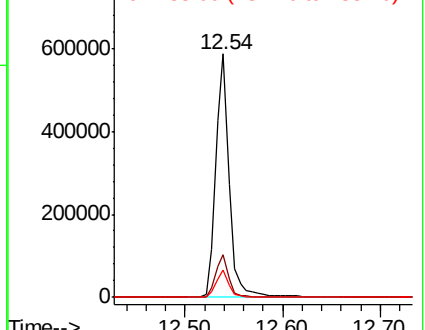
183 11.0 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

800000 Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.384 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

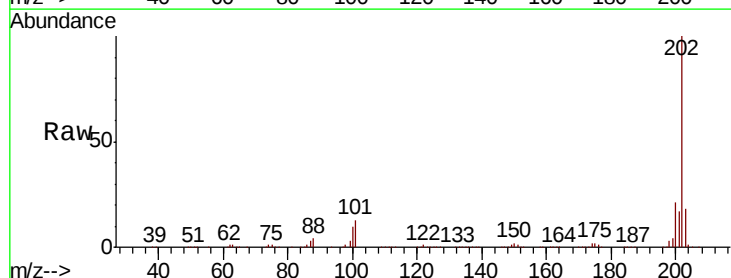
Tgt Ion:202 Resp: 1039044

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	17.8	14.4	21.6

202 100

200 20.8 16.8 25.2

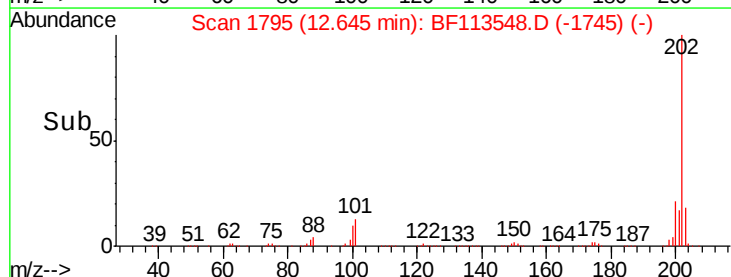
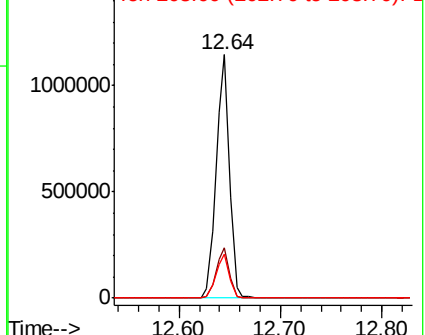
203 17.8 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

1500000 Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.568 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

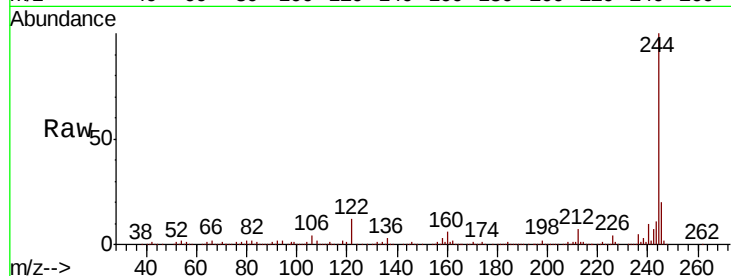
Tot Ion:244 Resp: 1370584

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

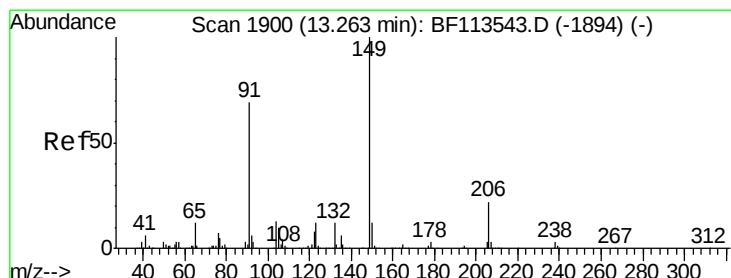
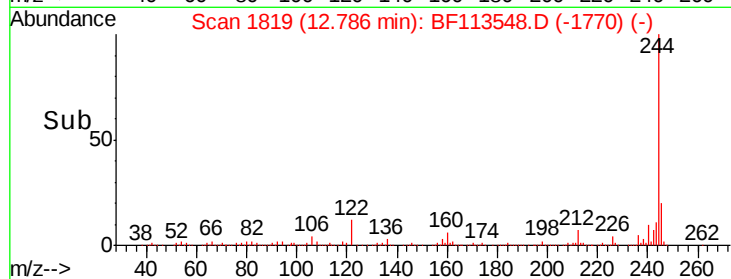
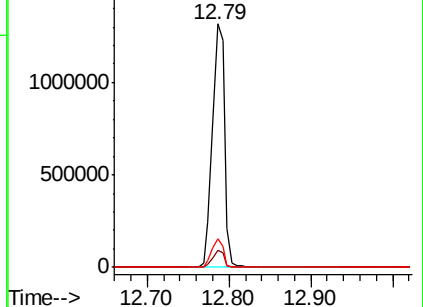
122 11.7 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.508 ng

RT: 13.26 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

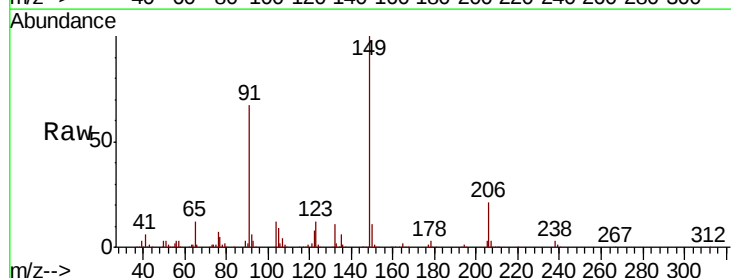
Tgt Ion:149 Resp: 403784

Ion Ratio Lower Upper

149 100

91 66.6 55.2 82.8

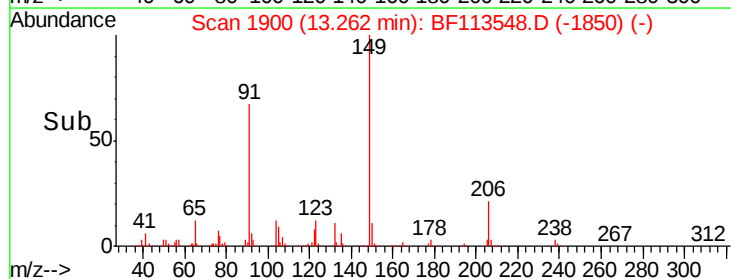
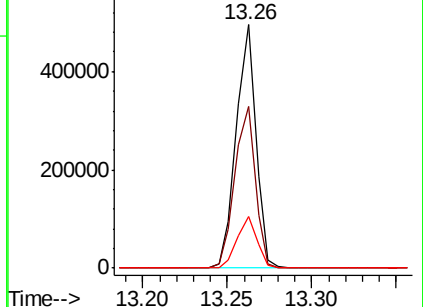
206 21.2 16.1 24.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.799 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

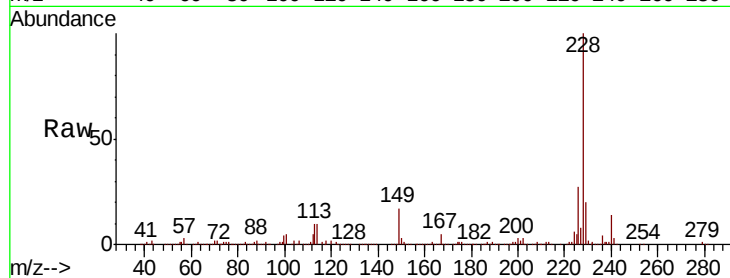
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 776601

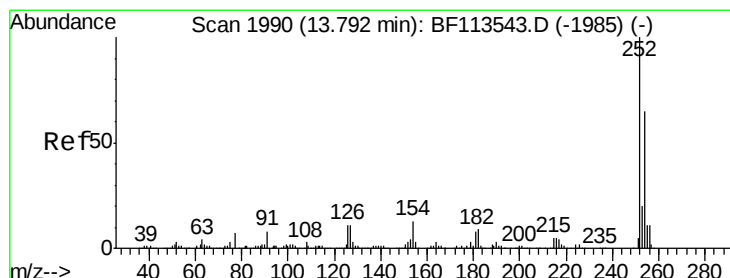
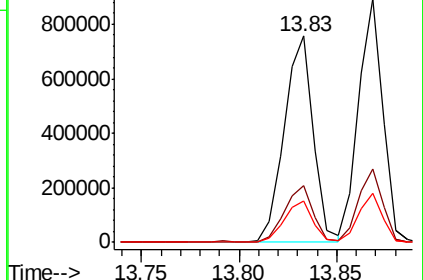
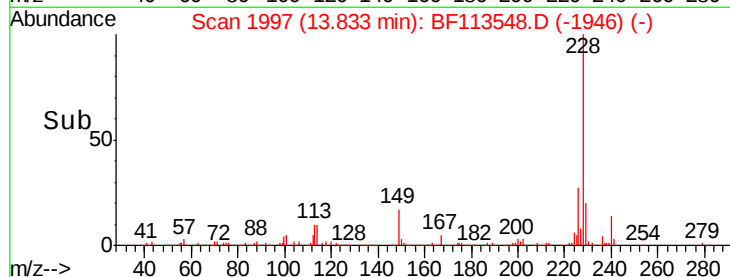
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.8	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.541 ng

RT: 13.79 min Scan# 1990

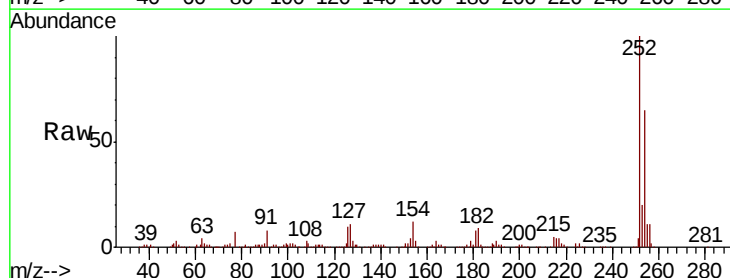
Delta R.T. -0.01 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Tgt Ion:252 Resp: 297229

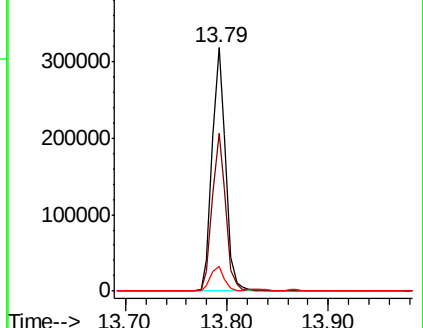
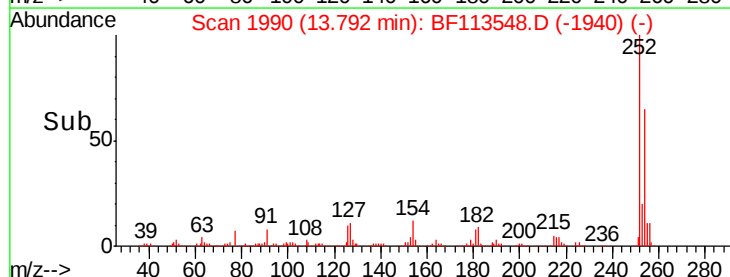
Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.2	78.2
126	10.3	8.5	12.7

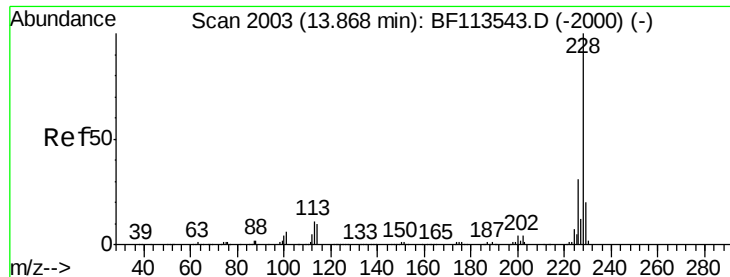


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

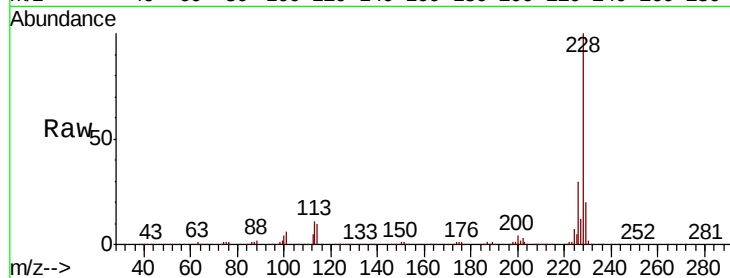




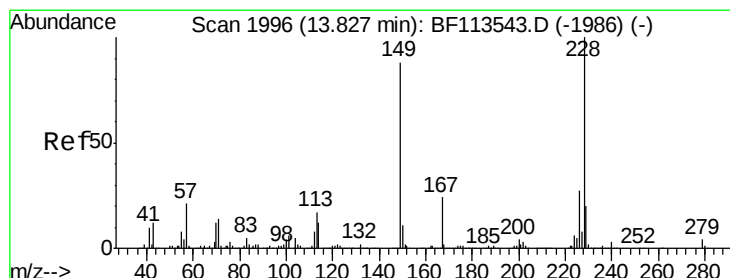
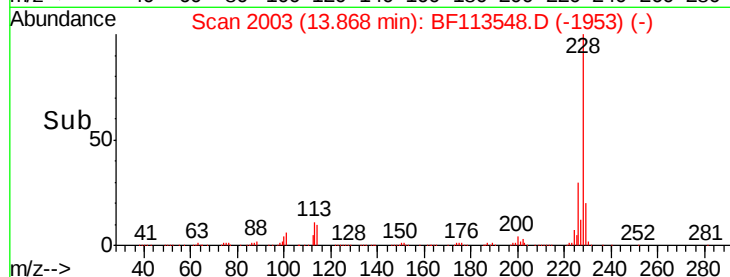
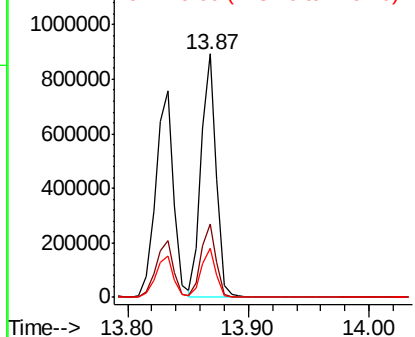
#83
 Chrvsene
 Concen: 40.270 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:228 Resp: 777033
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.3 36.5
 229 20.2 16.3 24.5

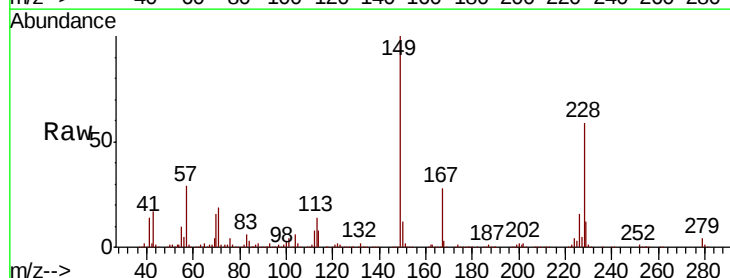


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

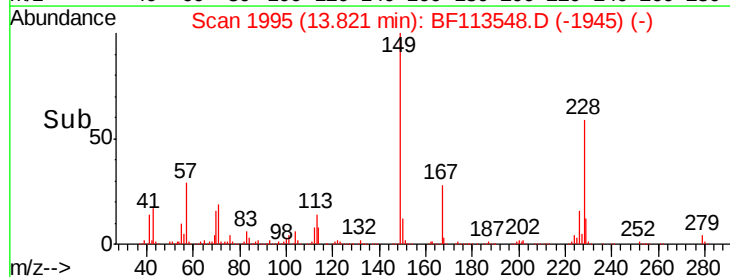
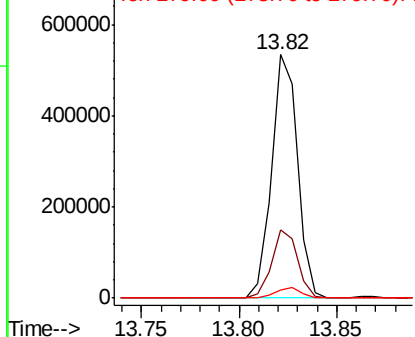


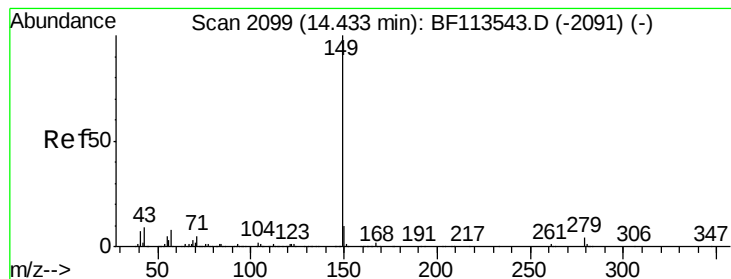
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.679 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Tgt Ion:149 Resp: 490305
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.8 32.8
 279 3.6 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: 38.801 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

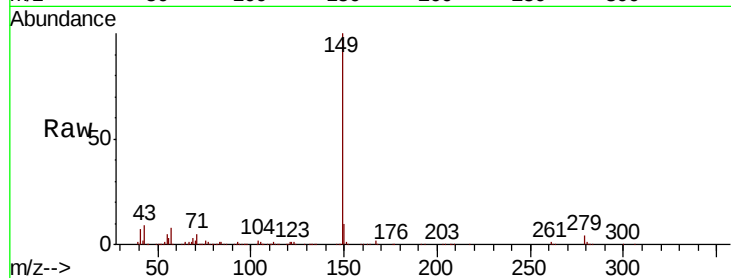
Tot Ion:149 Resp: 779351

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

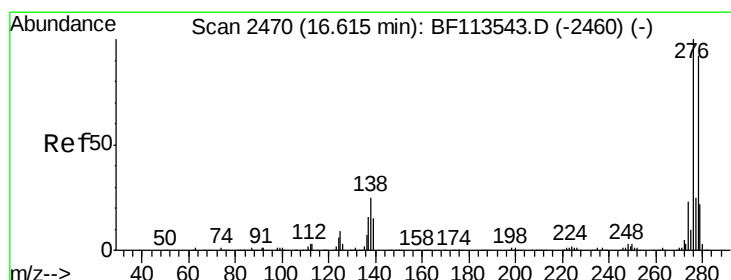
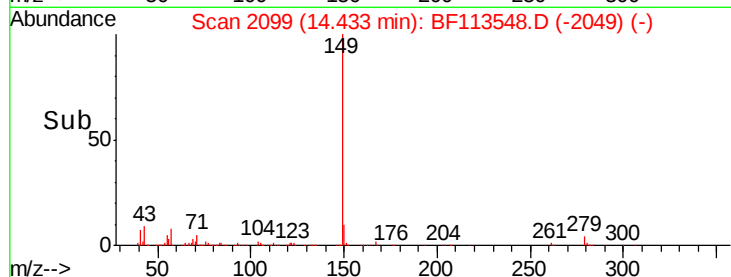
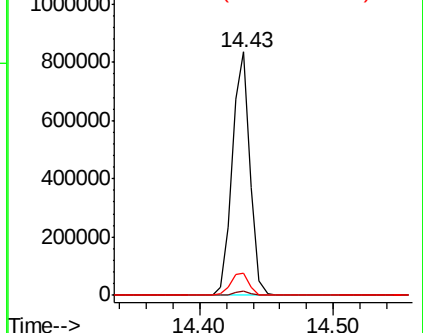
43 9.8 7.7 11.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.475 ng

RT: 16.62 min Scan# 2470

Delta R.T. 0.01 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

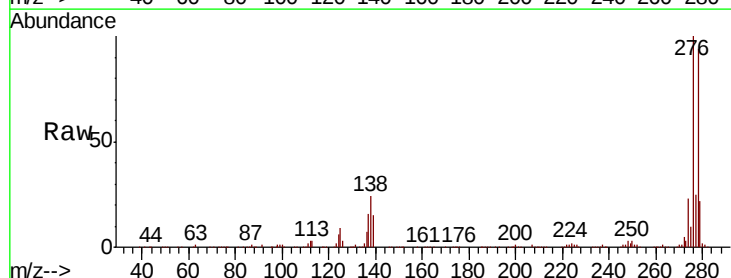
Tgt Ion:276 Resp: 703265

Ion Ratio Lower Upper

276 100

138 24.2 18.1 27.1

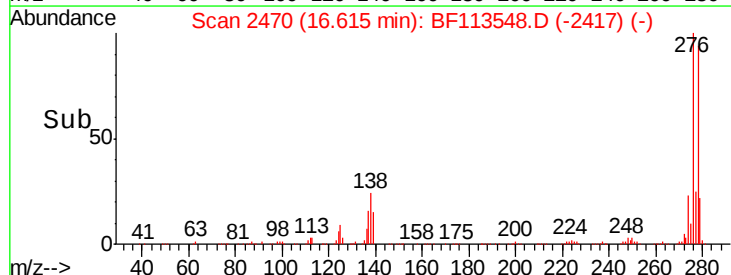
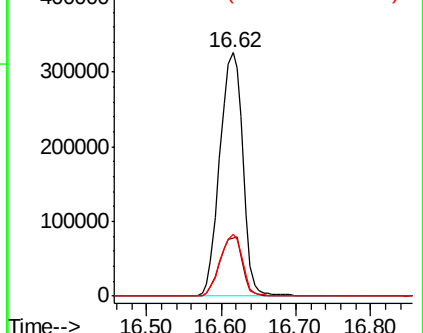
277 24.8 20.2 30.4

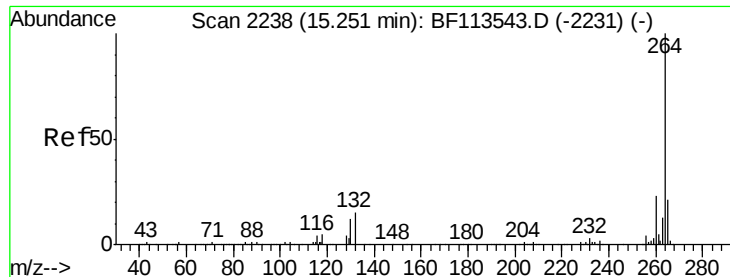


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

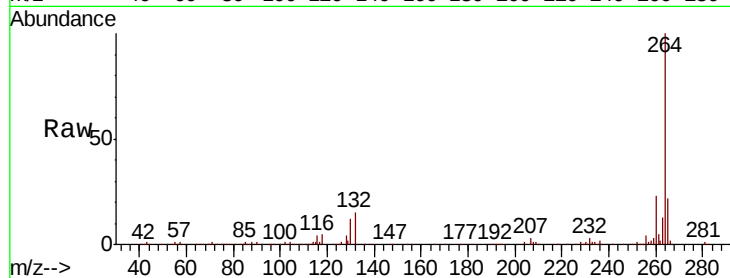




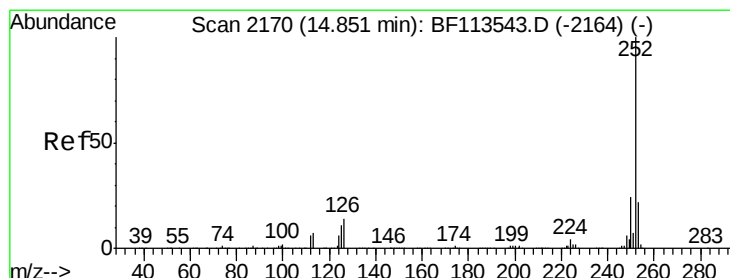
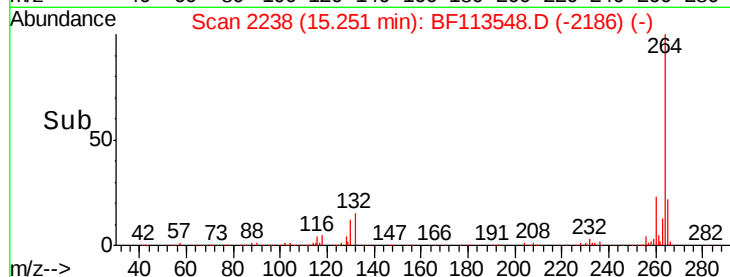
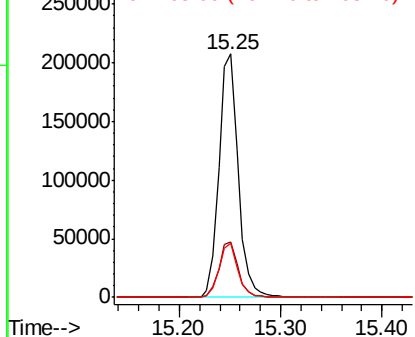
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. 0.01 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:264 Resp: 272964
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.1 28.7
 265 22.0 17.1 25.7

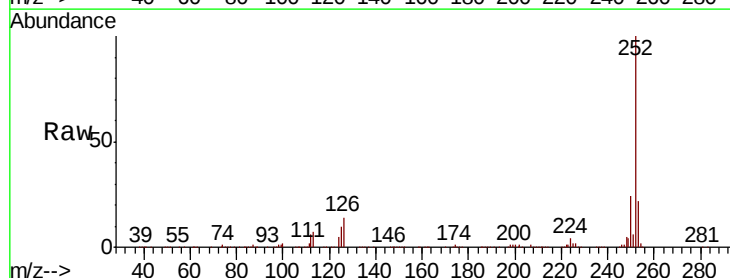


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

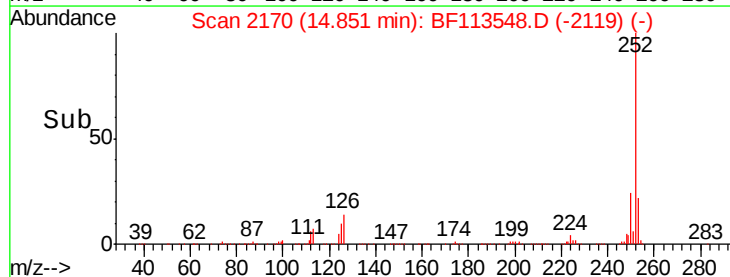
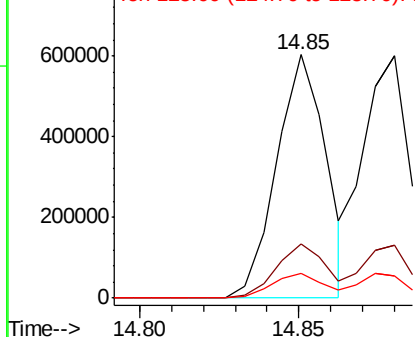


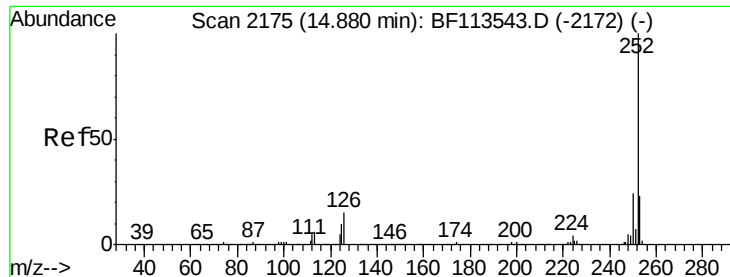
#88
 Benzo(b)fluoranthene
 Concen: 39.254 ng
 RT: 14.85 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Tgt Ion:252 Resp: 655880
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.0 27.0
 125 10.3 7.6 11.4



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





#89

Benzo(k)fluoranthene

Concen: 42.233 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

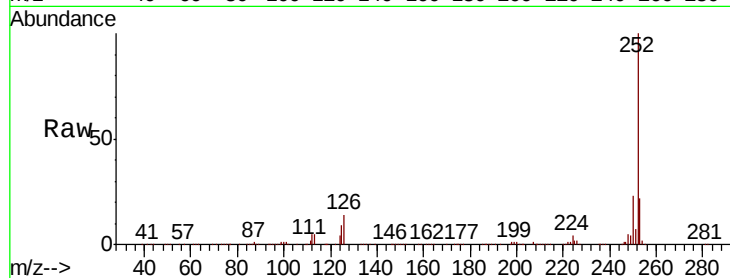
Tot Ion:252 Resp: 633320

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

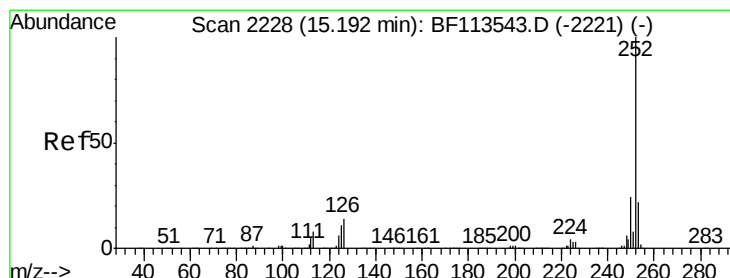
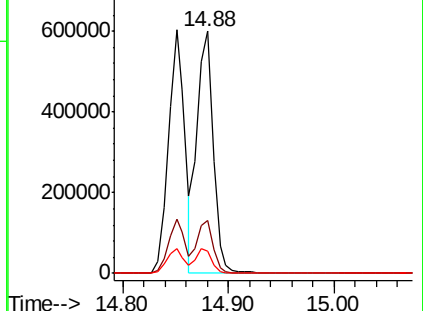
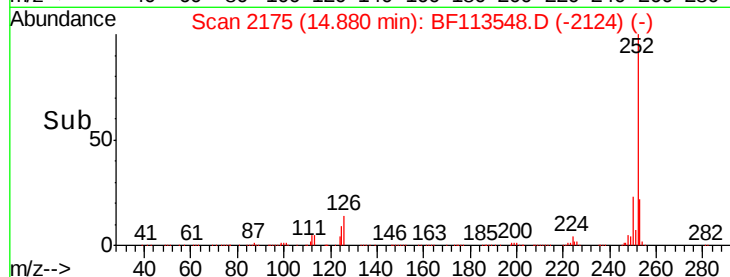
125 9.2 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.601 ng

RT: 15.19 min Scan# 2228

Delta R.T. 0.01 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

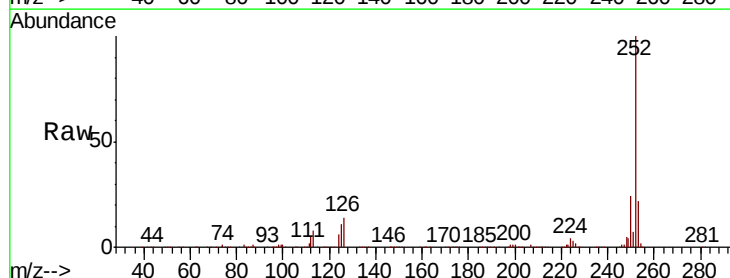
Tgt Ion:252 Resp: 602822

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

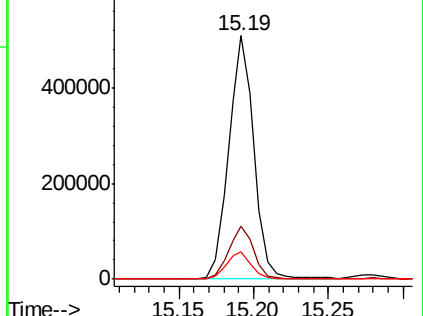
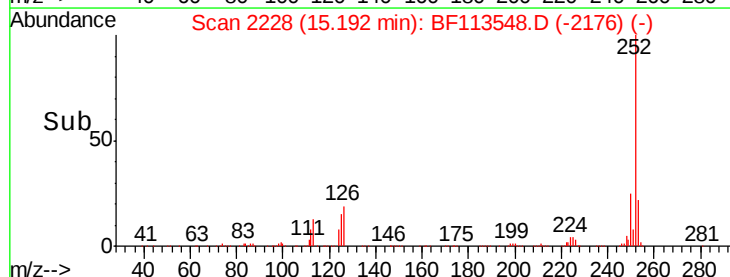
125 11.0 8.8 13.2

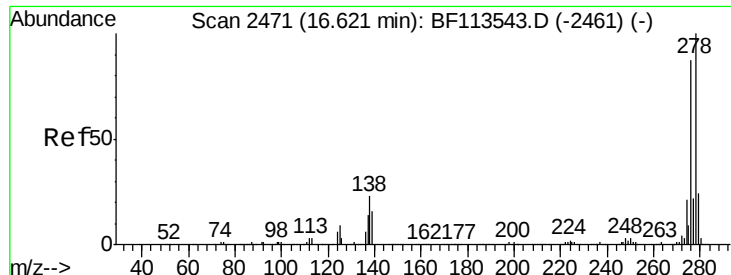


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

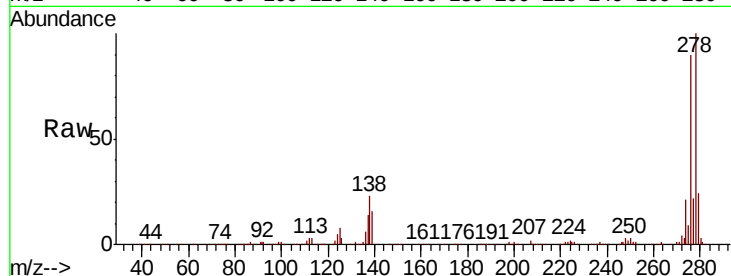




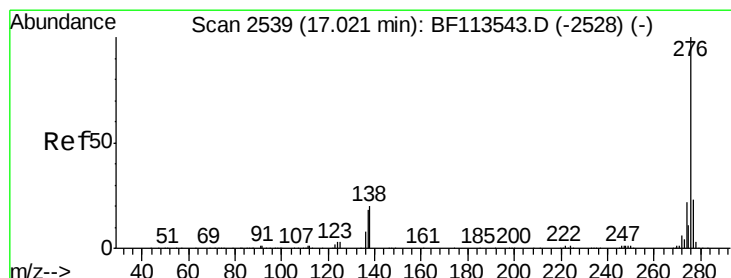
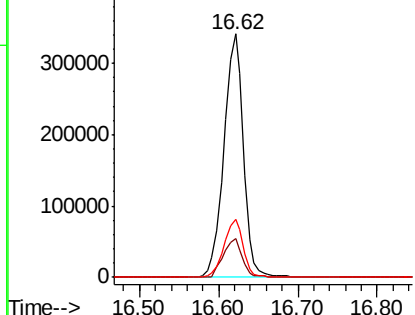
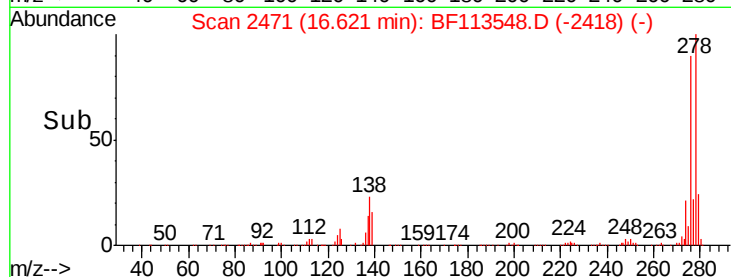
#91
Dibenzo(a,h)anthracene
Concen: 41.869 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.01 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.0	18.0
279	23.9	19.0	28.6

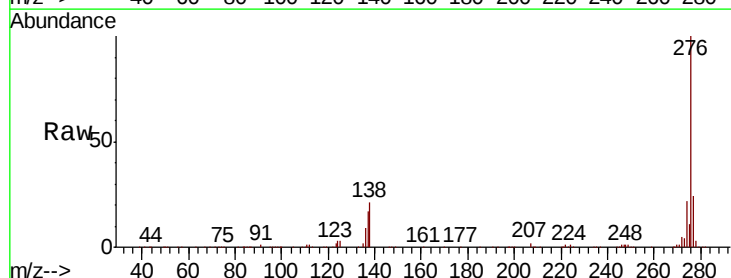


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.015 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.02 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	20.7	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

