

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 :
 ICVBF040319

Quant Time: Apr 04 04:08:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 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	0.00
21) Naphthalene-d8	7.97	136	512408	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	247011	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	477694	20.00	ng	0.00
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	0.00
7) Phenol-d6	6.33	99	775345	80.74	ng	0.00
23) Nitrobenzene-d5	7.25	82	705751	80.68	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	241550	81.41	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1314689	85.68	ng	0.00
79) Terphenyl-d14	12.79	244	1370584	84.57	ng	0.00

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	31.696 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

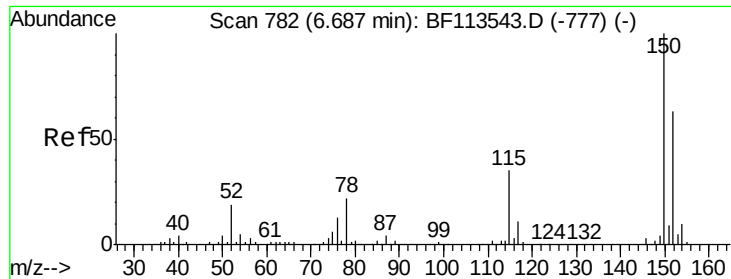
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
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 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

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

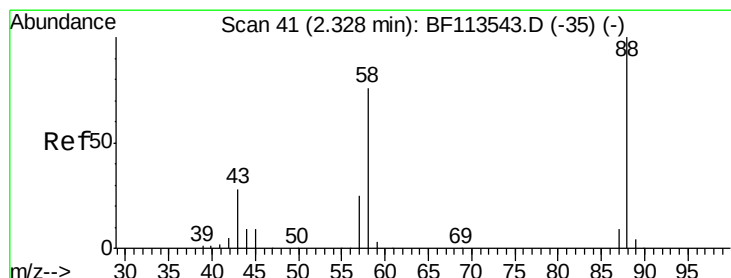
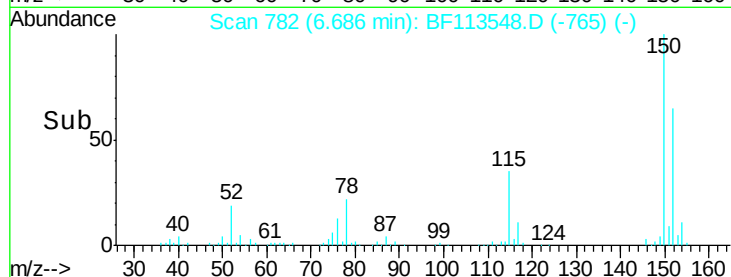
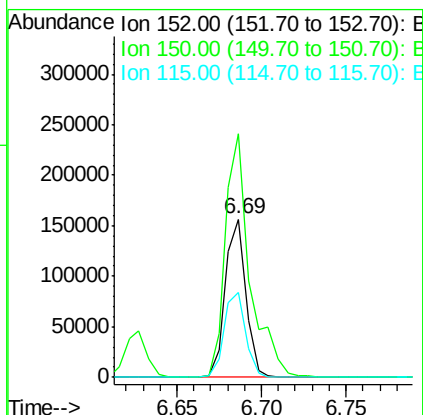
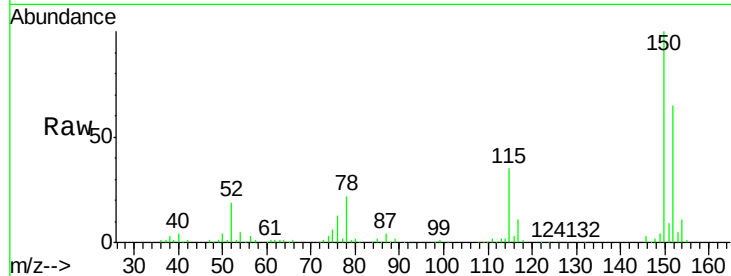


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040319

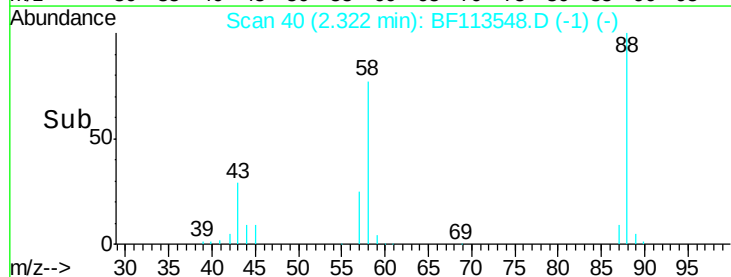
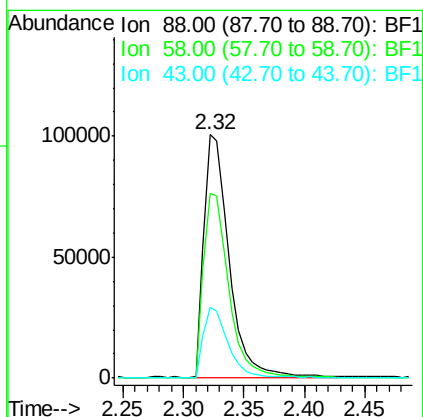
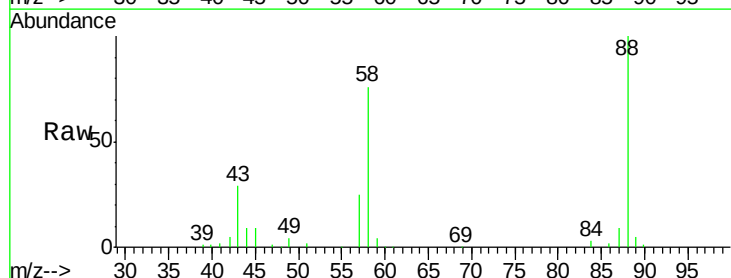
Tgt Ion: 152 Resp: 132857
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.7 187.1
 115 54.0 46.0 69.0

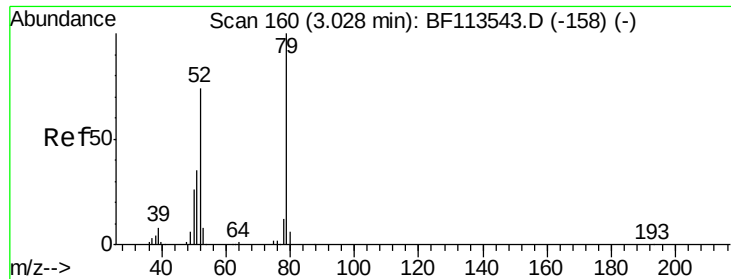


#2

1,4-Dioxane
 Concen: 39.269 ng
 RT: 2.32 min Scan# 40
 Delta R.T. -0.01 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





#3

Pyridine

Concen: 39.207 ng

RT: 3.03 min Scan# 160

Delta R.T. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

ICVBF040319

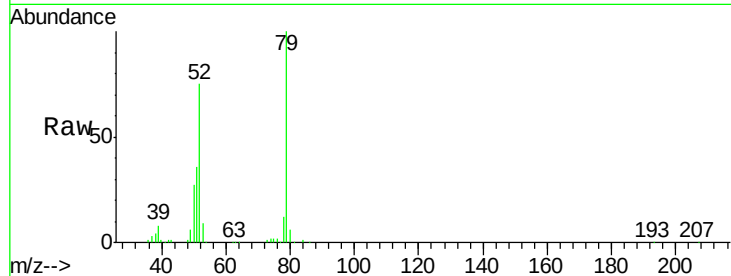
Tgt Ion: 79 Resp: 378620

Ion Ratio Lower Upper

79 100

52 74.9 61.0 91.4

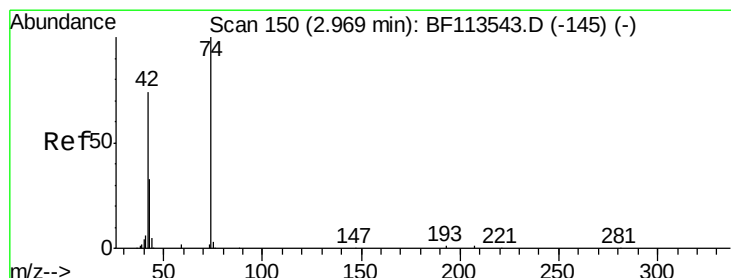
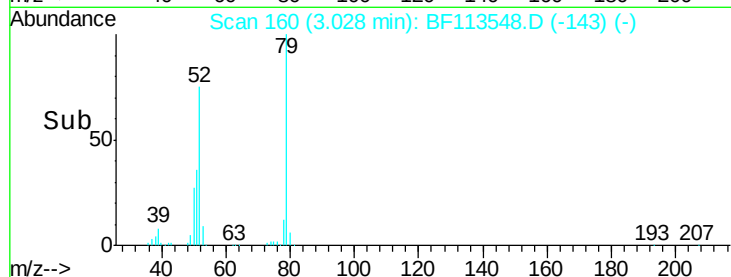
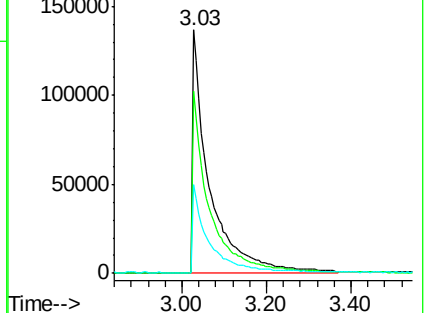
51 36.2 30.6 45.8



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. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

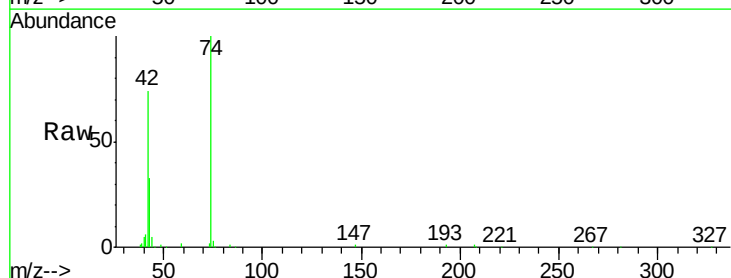
Tgt Ion: 42 Resp: 164523

Ion Ratio Lower Upper

42 100

74 136.0 102.4 153.6

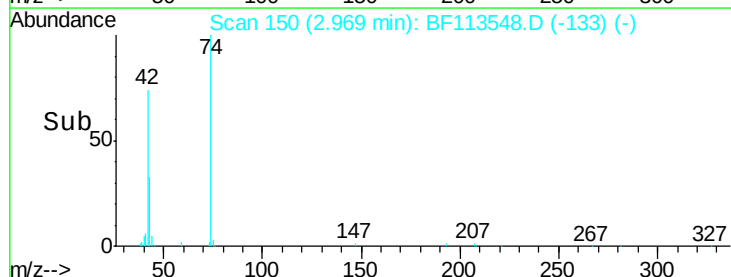
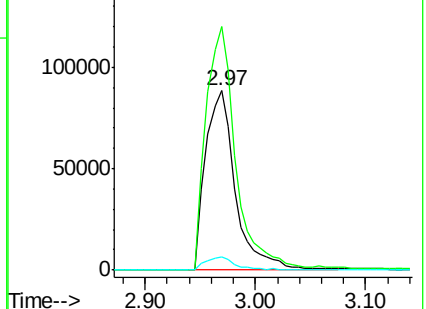
44 7.1 5.5 8.3

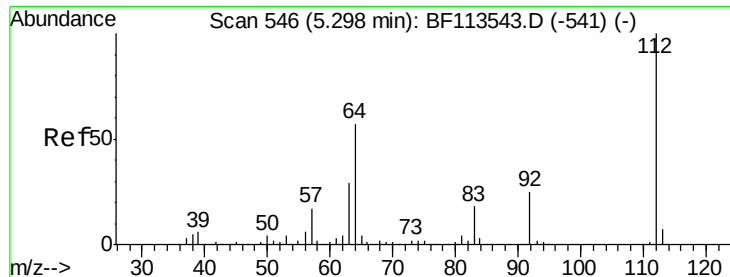


Abundance Ion 42.00 (41.70 to 42.70): BF1

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. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

ICVBF040319

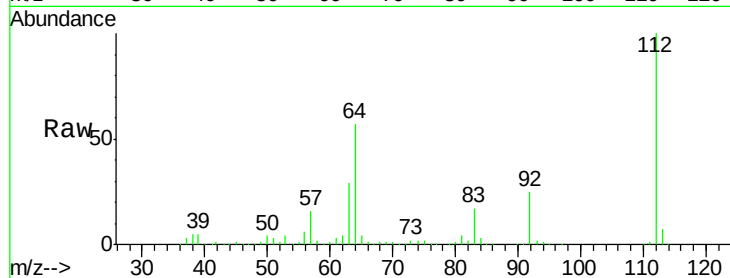
Tgt Ion:112 Resp: 628362

Ion Ratio Lower Upper

112 100

64 56.6 49.2 73.8

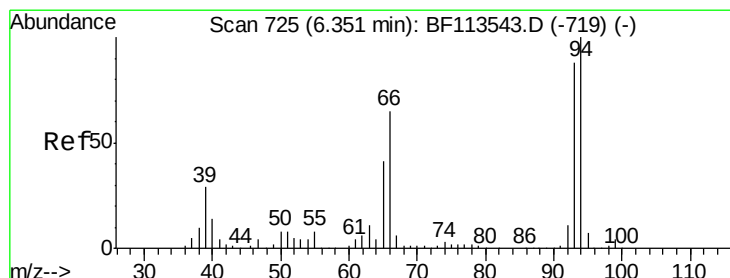
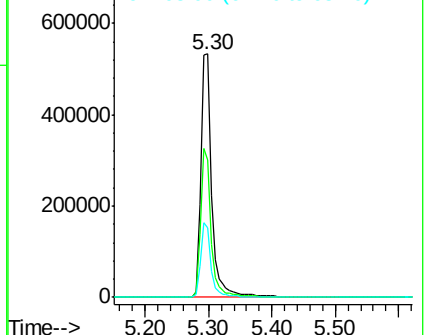
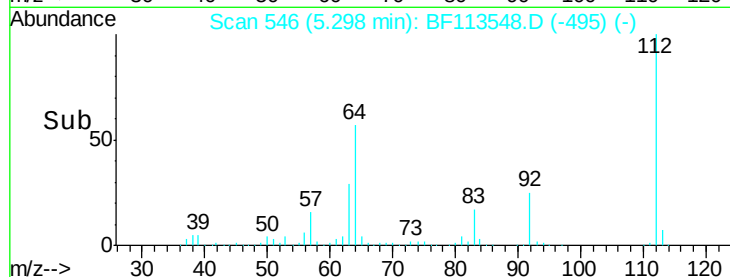
63 28.5 24.9 37.3



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. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

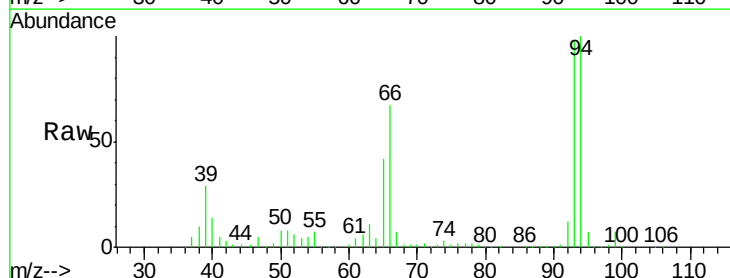
Tgt Ion: 93 Resp: 484908

Ion Ratio Lower Upper

93 100

66 67.9 62.1 93.1

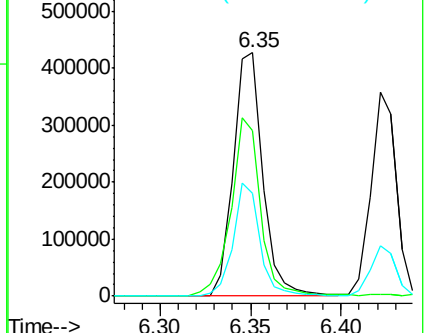
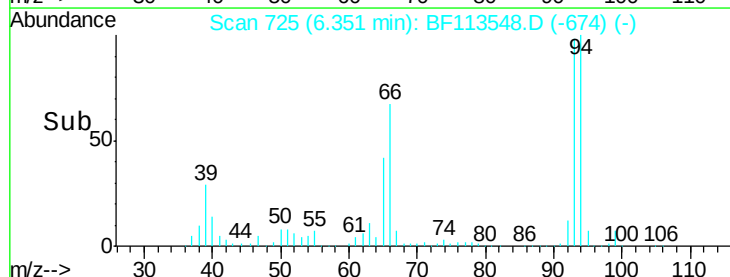
65 42.2 38.7 58.1

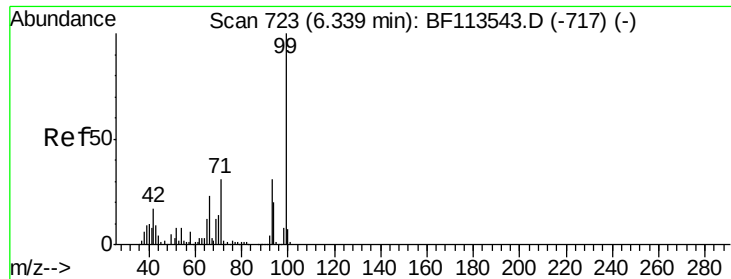


Abundance Ion 93.00 (92.70 to 93.70): BF1

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. -0.01 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

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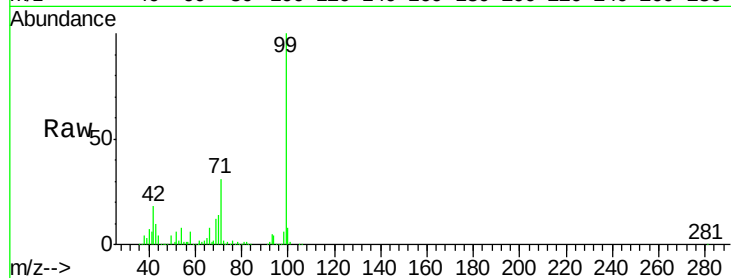
Tgt Ion: 99 Resp: 775345

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

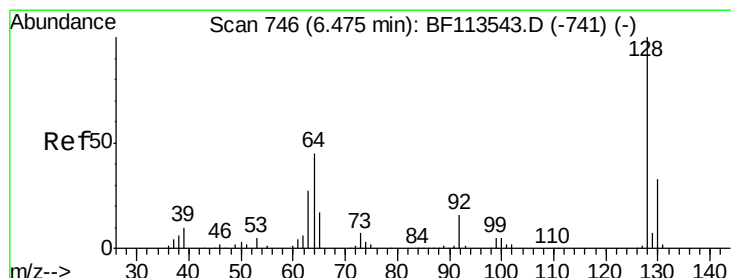
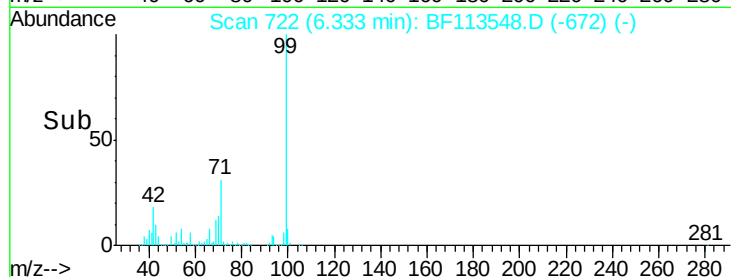
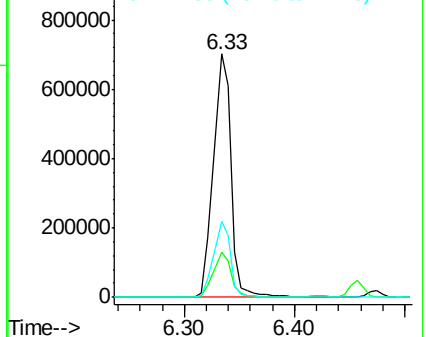
71 31.2 24.9 37.3



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. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

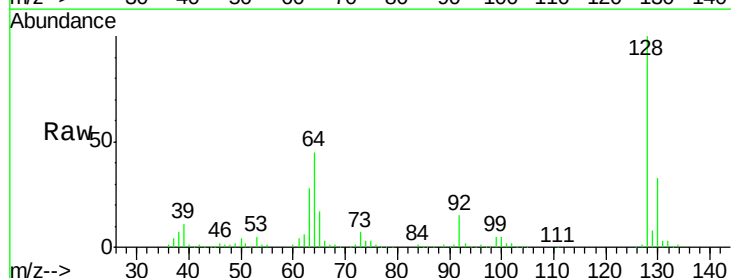
Tgt Ion: 128 Resp: 365578

Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

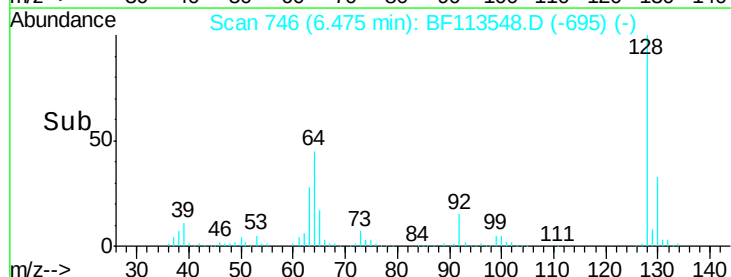
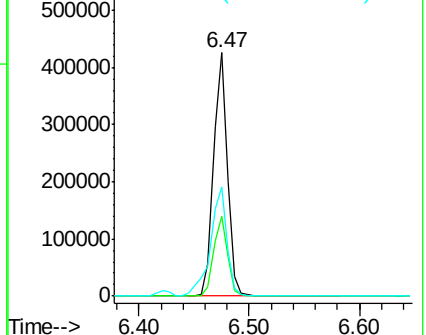
64 45.0 29.4 69.4

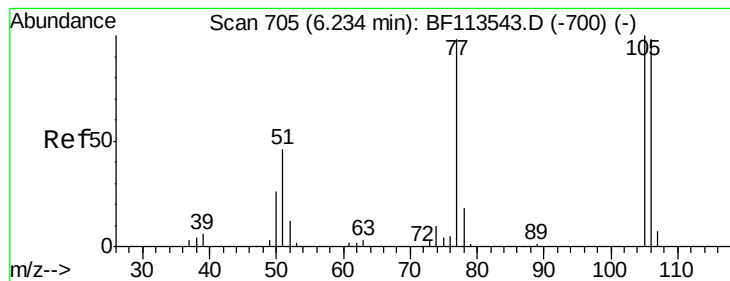


Abundance Ion 128.00 (127.70 to 128.70): E

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. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

ICVBF040319

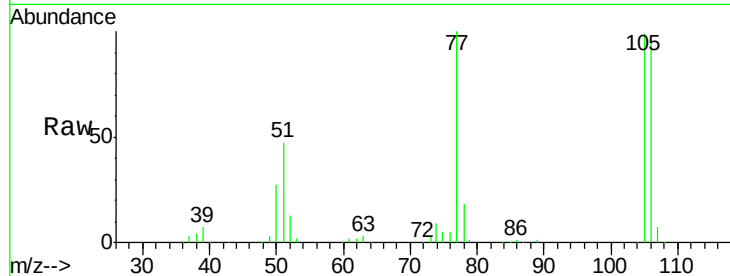
Tgt Ion: 77 Resp: 245351

Ion Ratio Lower Upper

77 100

105 99.4 80.9 120.9

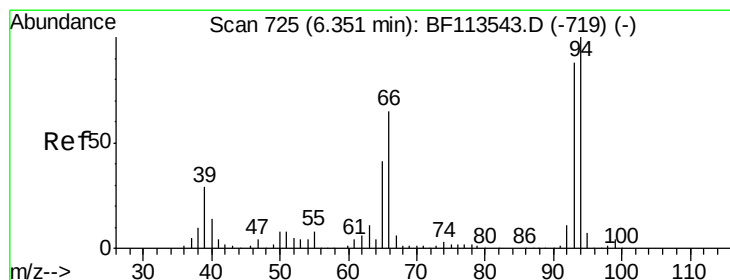
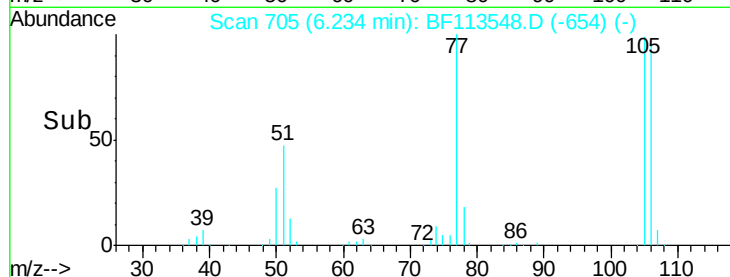
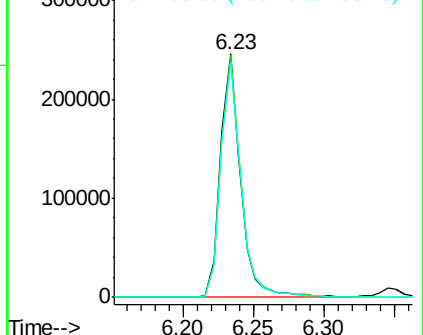
106 96.5 77.8 117.8



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. -0.01 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

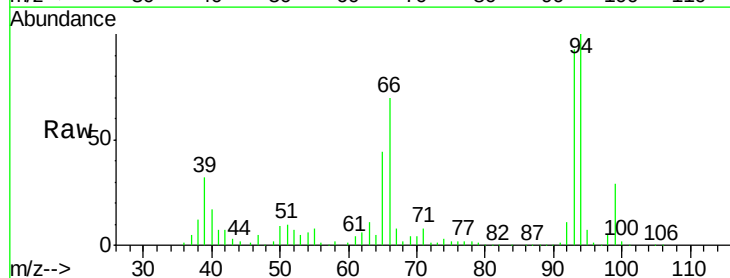
Tgt Ion: 94 Resp: 447822

Ion Ratio Lower Upper

94 100

65 44.3 21.4 61.4

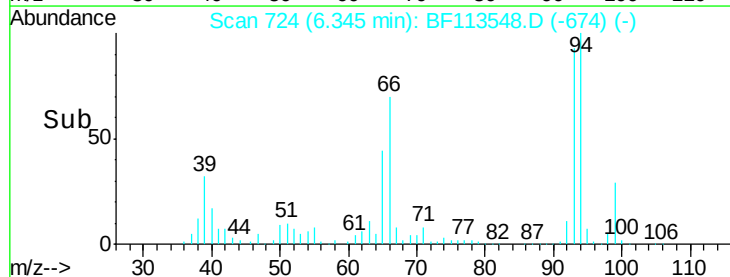
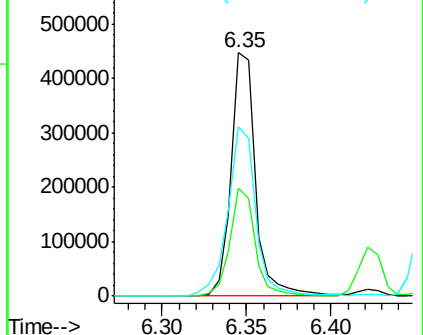
66 69.8 46.4 86.4

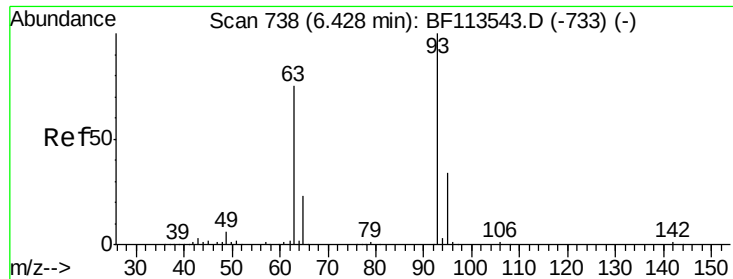


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

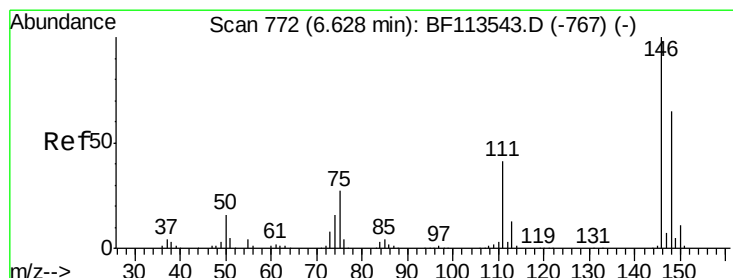
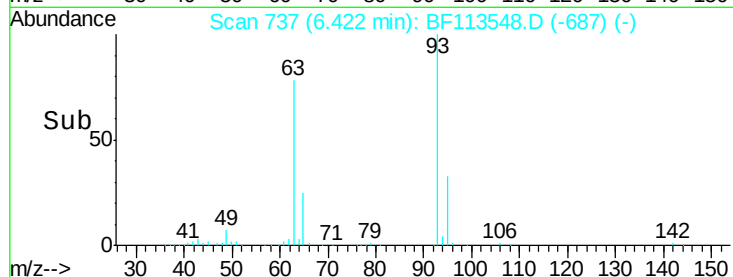
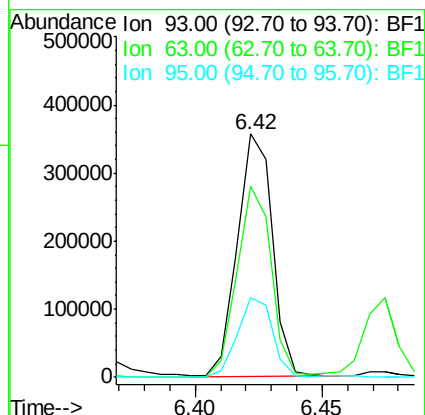
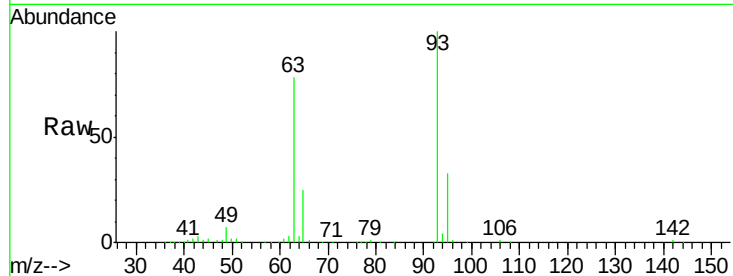




#11
bis(2-Chloroethyl)ether
Concen: 39.875 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

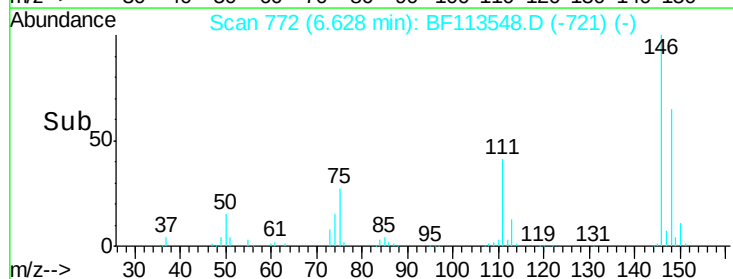
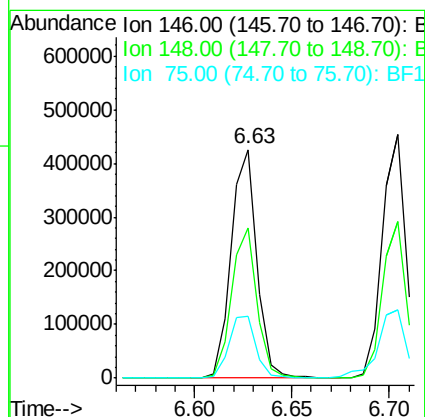
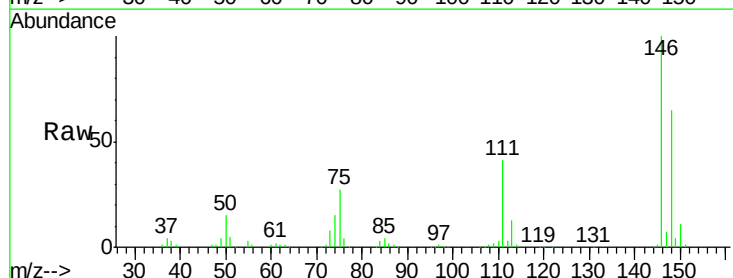
Instrument :
BNA_F
ClientSampleId :
ICVBF040319

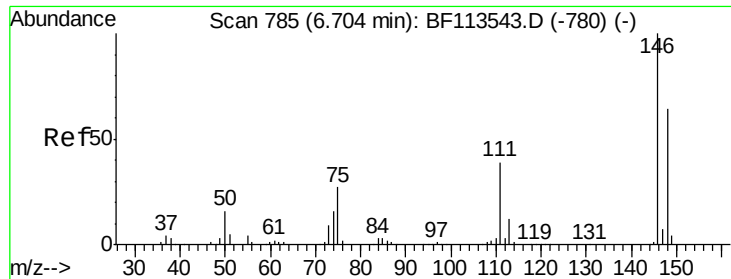
Tgt Ion: 93 Resp: 340181
Ion Ratio Lower Upper
93 100
63 78.4 56.1 96.1
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.195 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.00 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

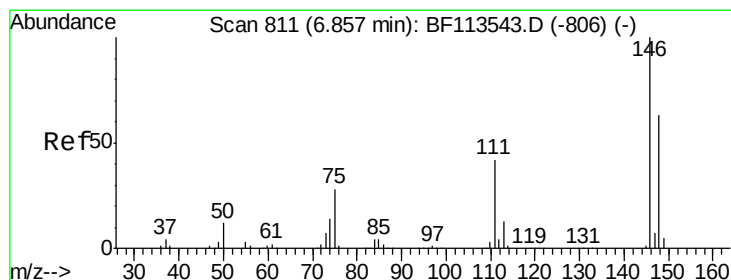
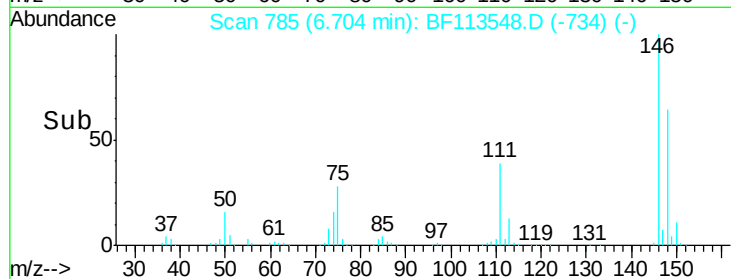
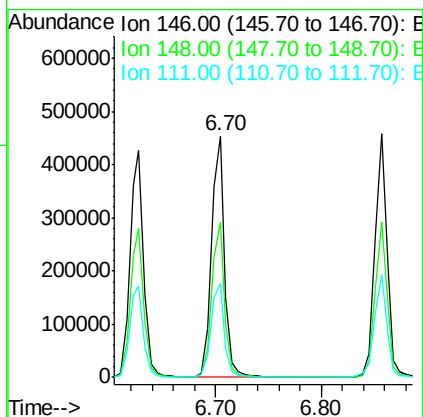
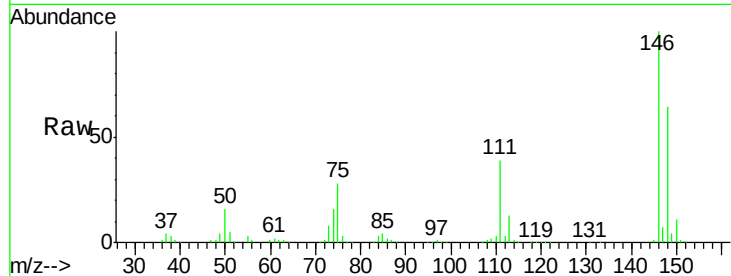




#13
 1,4-Dichlorobenzene
 Concen: 40.393 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

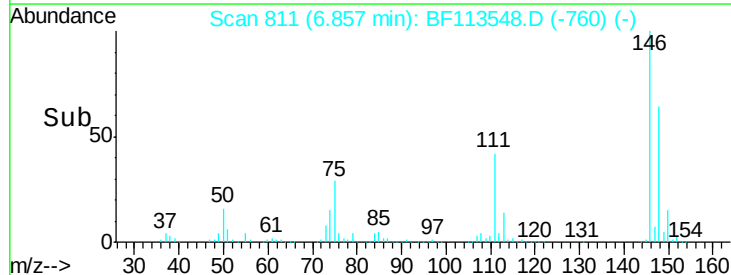
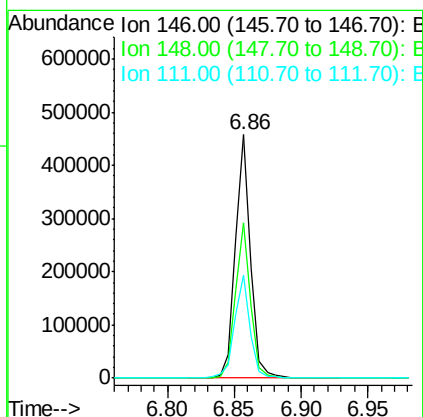
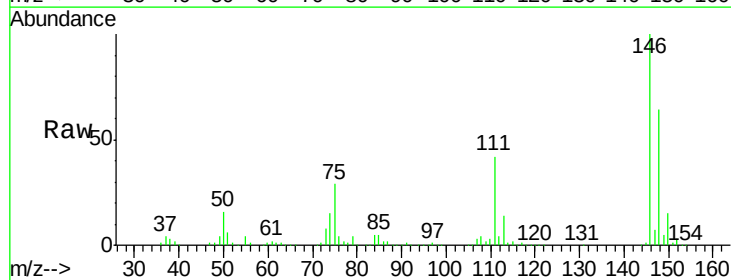
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040319

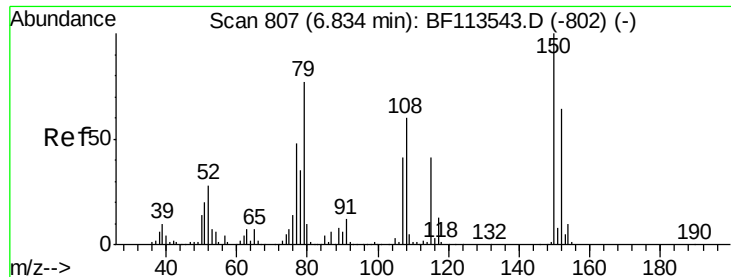
Tgt Ion:146 Resp: 396250
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 39.1 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 41.188 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.00 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. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

ICVBF040319

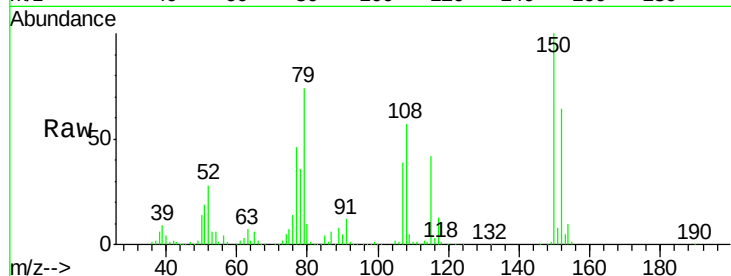
Tgt Ion: 79 Resp: 272597

Ion Ratio Lower Upper

79 100

108 77.7 62.0 93.0

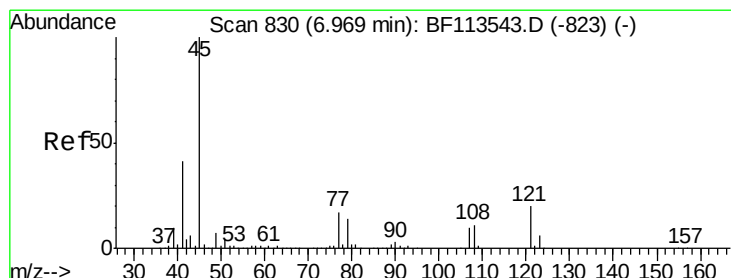
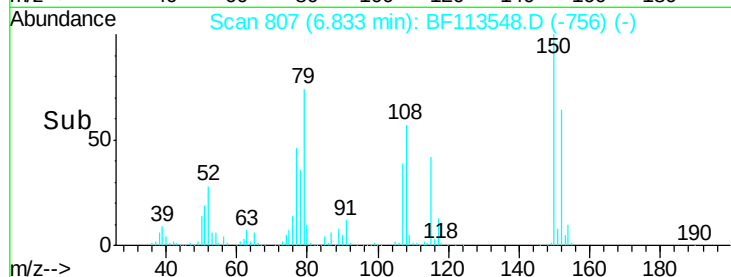
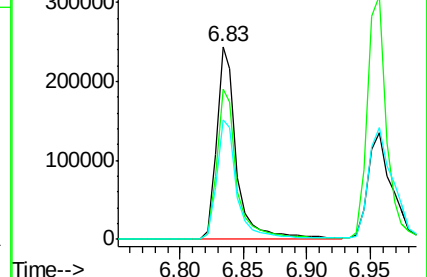
77 61.8 49.9 74.9



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. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

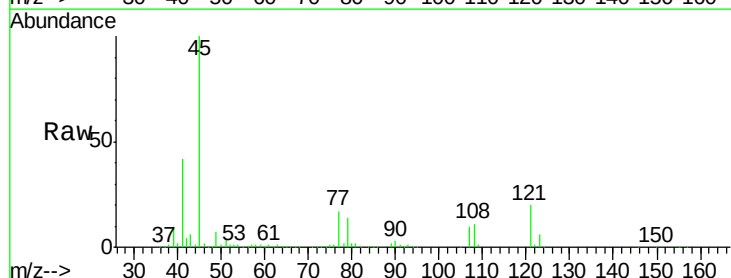
Tgt Ion: 45 Resp: 539928

Ion Ratio Lower Upper

45 100

77 16.5 0.0 36.6

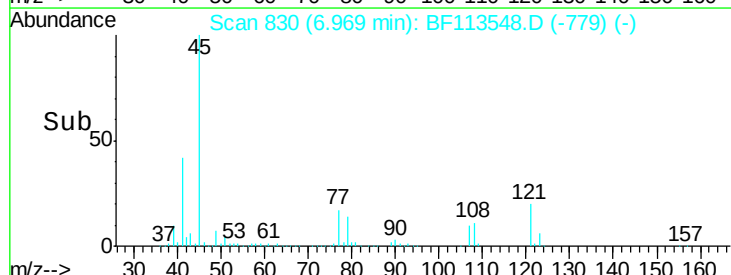
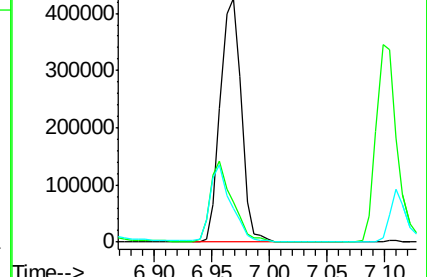
79 13.8 0.0 34.0

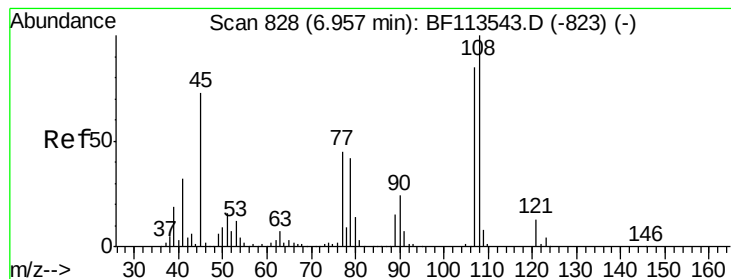


Abundance Ion 45.00 (44.70 to 45.70): BF1

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. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

ICVBF040319

Tgt Ion:107 Resp: 276919

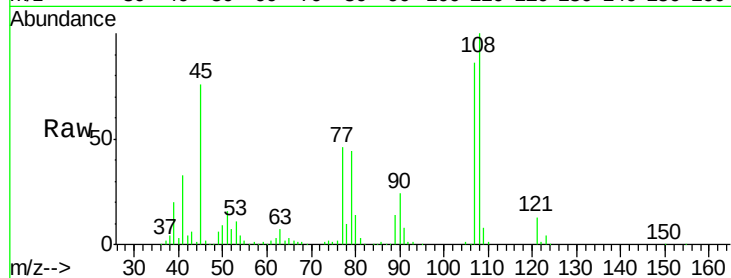
Ion Ratio Lower Upper

107 100

108 116.8 93.4 140.0

77 53.4 41.2 61.8

79 50.9 40.1 60.1

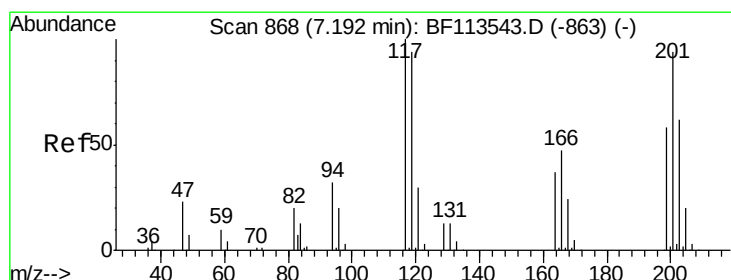
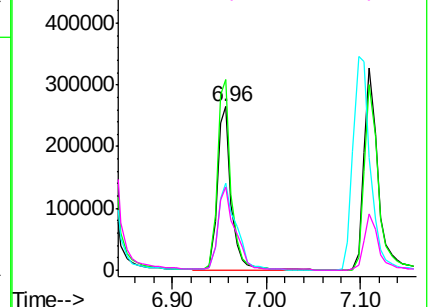
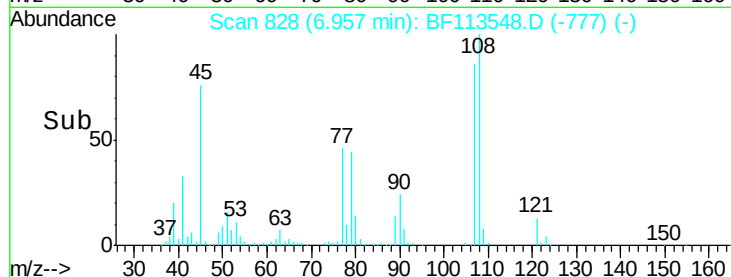


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.132 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

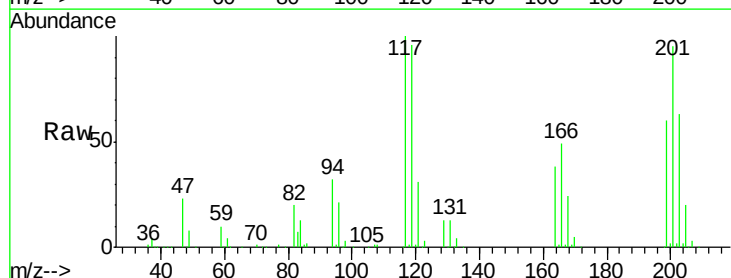
Tgt Ion:117 Resp: 143299

Ion Ratio Lower Upper

117 100

119 95.8 76.9 115.3

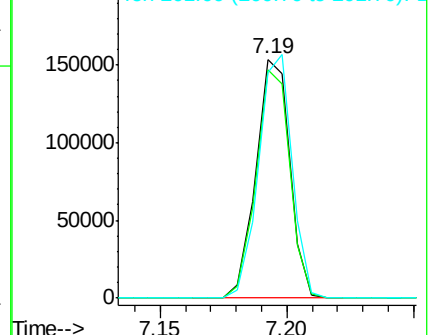
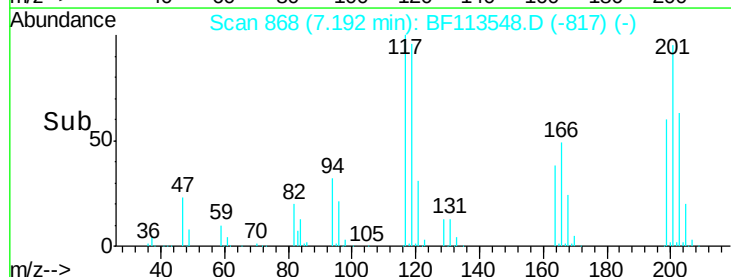
201 94.6 78.7 118.1

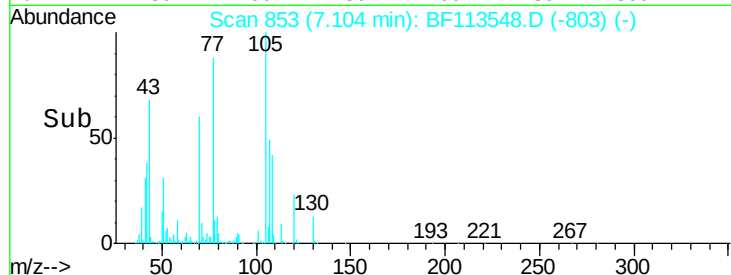
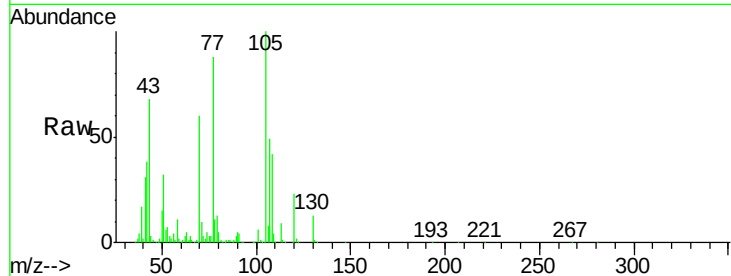
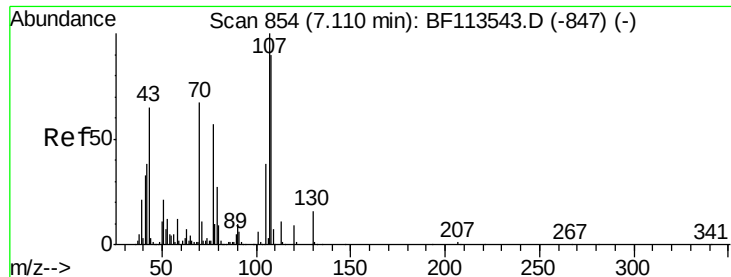


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

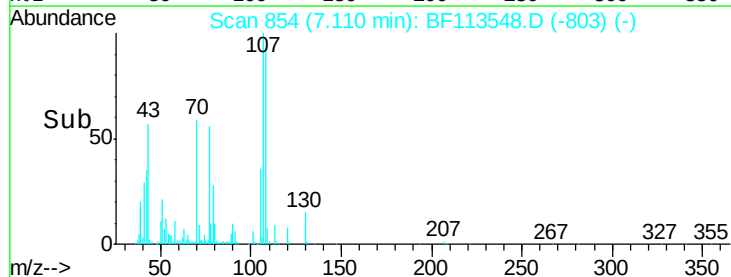
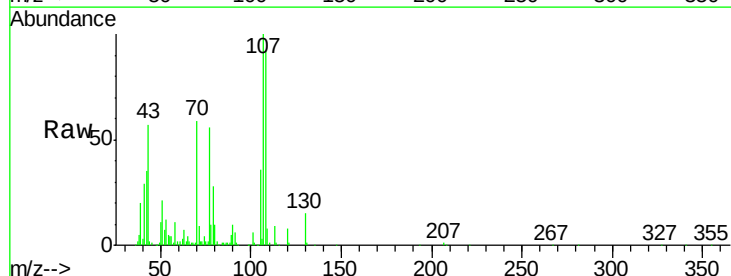
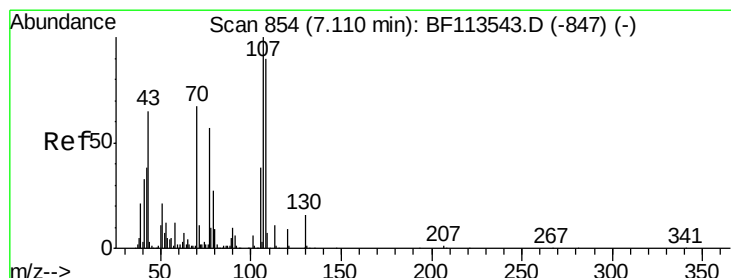
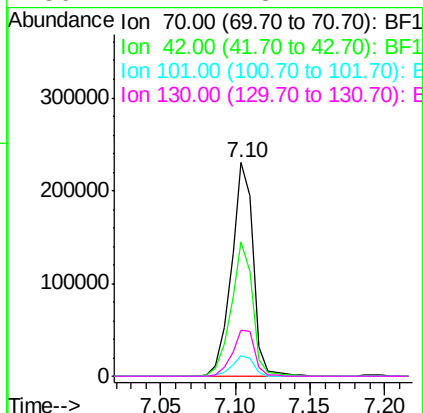




#19
n-Nitroso-di-n-propylamine
Concen: 39.804 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

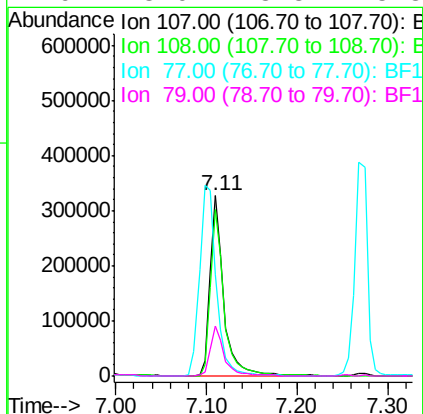
Instrument :
BNA_F
ClientSampleId :
ICVBF040319

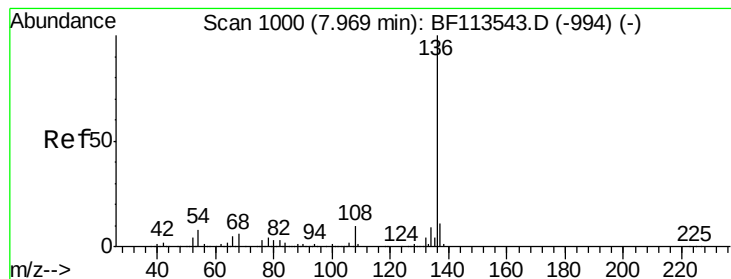
Tgt Ion:	70	Resp:	235694
Ion	Ratio	Lower	Upper
70	100		
42	63.1	48.4	72.6
101	9.7	7.8	11.8
130	21.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 40.782 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

ICVBF040319

Tgt Ion:136 Resp: 512408

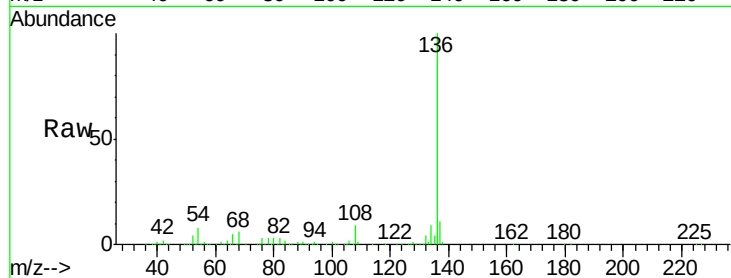
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.8 7.0 10.6

68 5.8 4.8 7.2

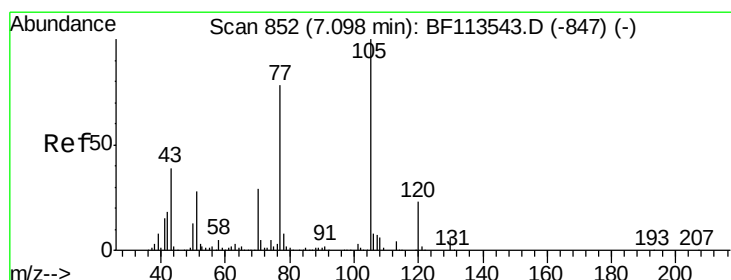
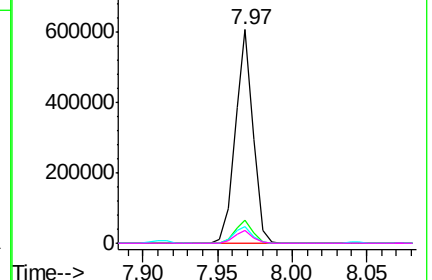
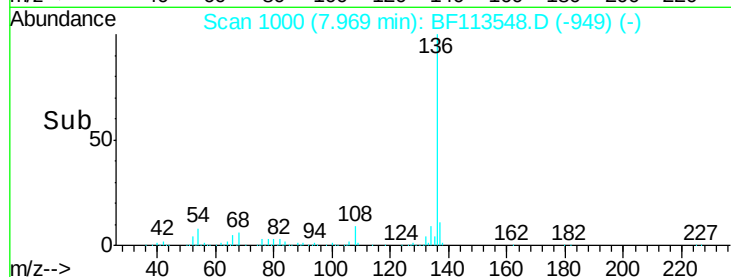


Abundance Ion 136.00 (135.70 to 136.70): E

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. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Tgt Ion:105 Resp: 455709

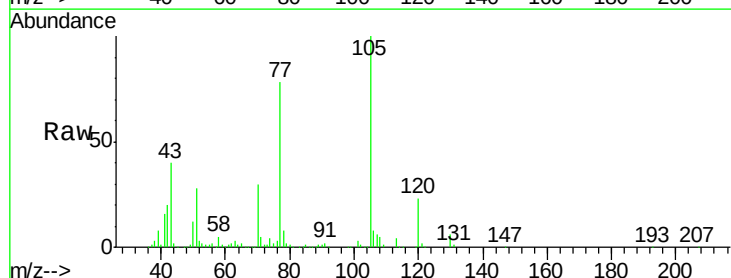
Ion Ratio Lower Upper

105 100

71 5.0 3.3 4.9#

51 28.5 24.2 36.2

120 22.7 18.1 27.1

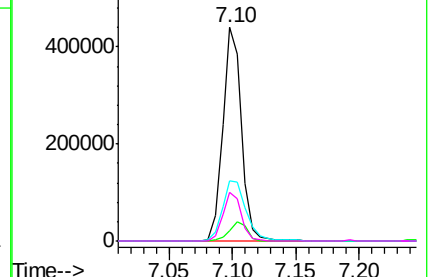
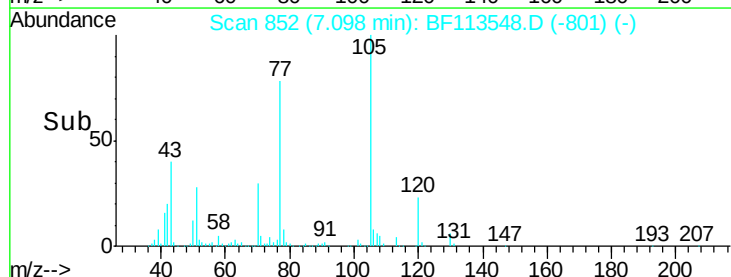


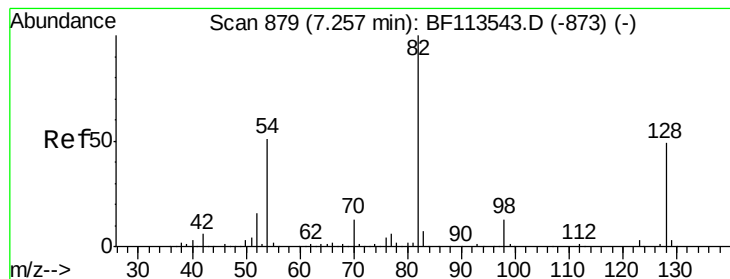
Abundance Ion 105.00 (104.70 to 105.70): E

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. -0.01 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

ICVBF040319

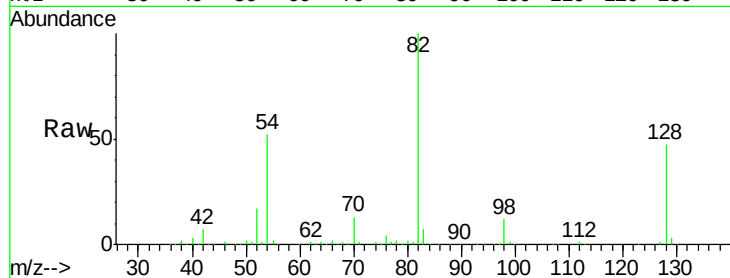
Tgt Ion: 82 Resp: 705751

Ion Ratio Lower Upper

82 100

128 47.1 36.5 54.7

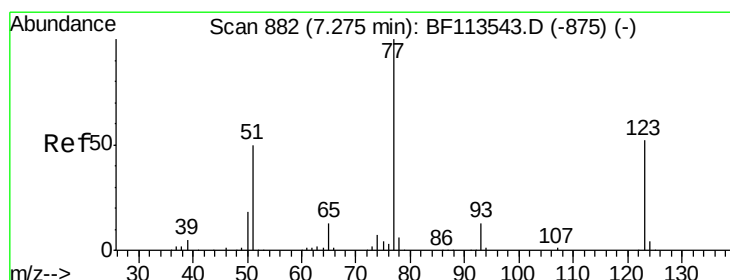
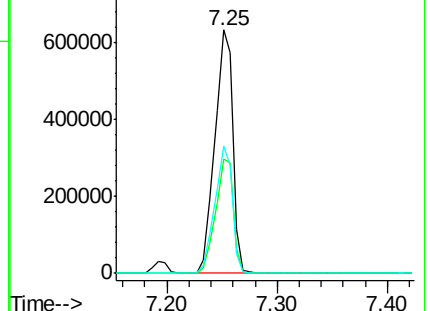
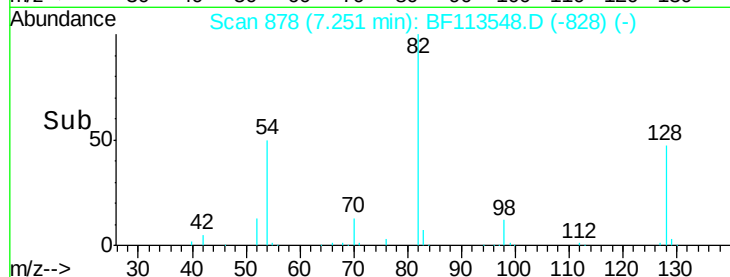
54 52.4 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 40.800 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

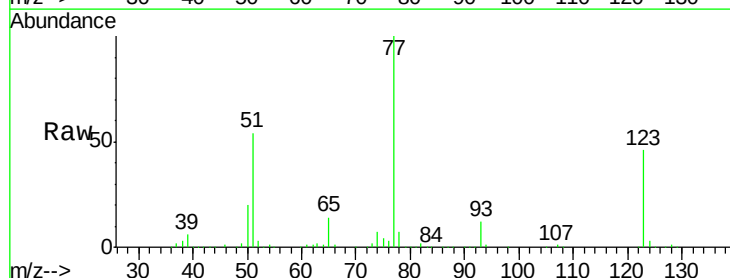
Tgt Ion: 77 Resp: 367558

Ion Ratio Lower Upper

77 100

123 45.9 40.8 61.2

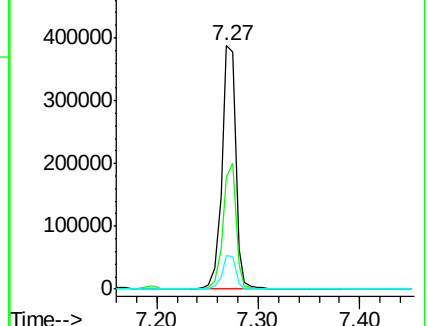
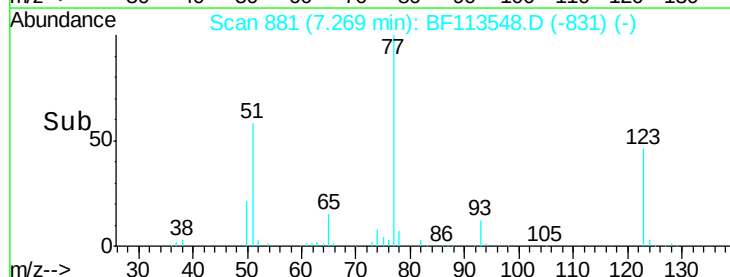
65 13.8 10.6 16.0

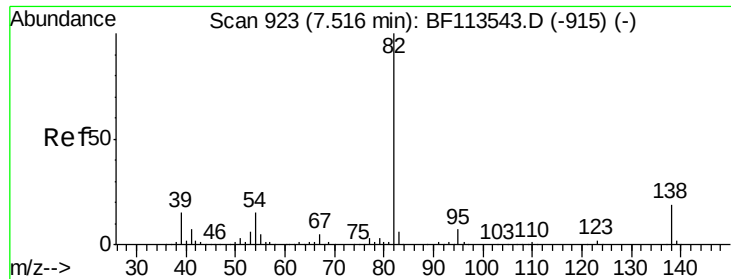


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

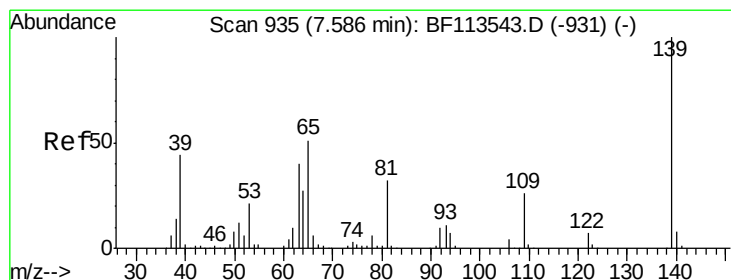
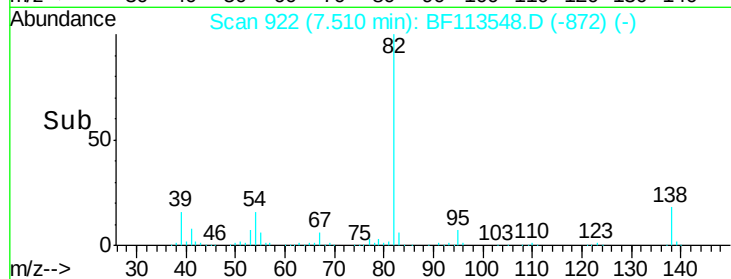
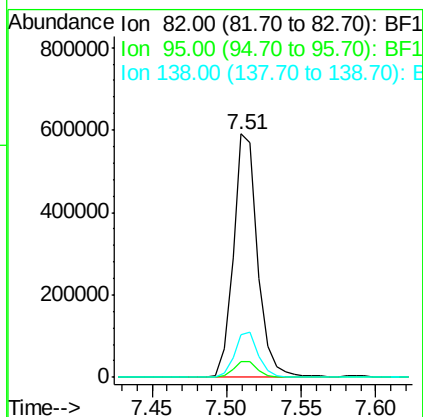
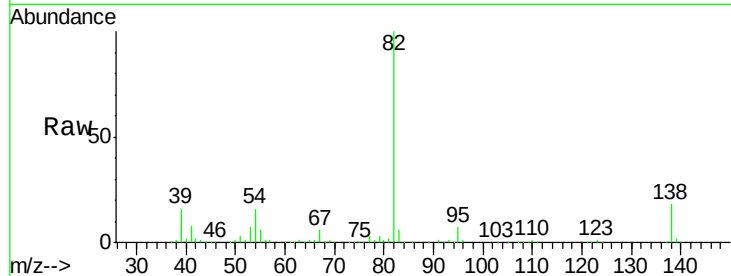




#25
Isophorone
Concen: 39.802 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

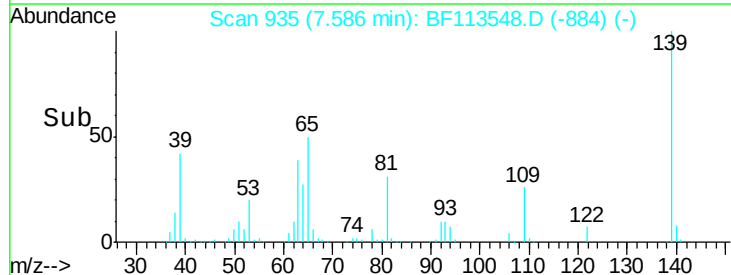
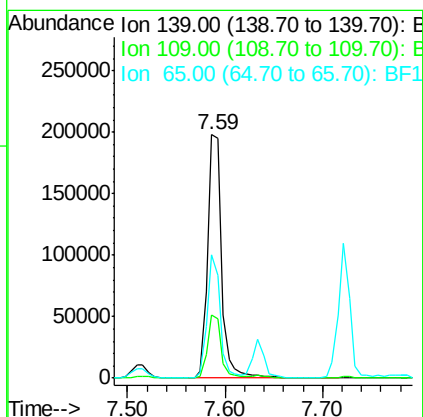
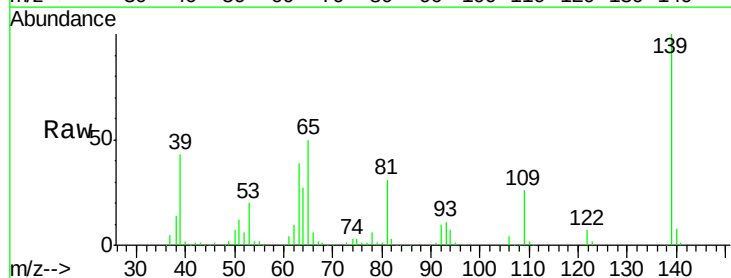
Instrument :
BNA_F
ClientSampleId :
ICVBF040319

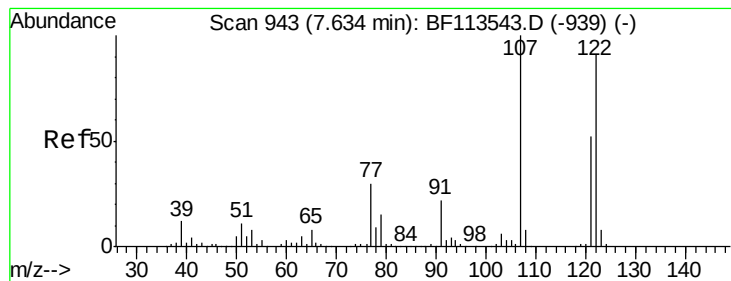
Tgt Ion: 82 Resp: 670726
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.6 15.2 22.8



#26
2-Nitrophenol
Concen: 41.042 ng
RT: 7.59 min Scan# 935
Delta R.T. -0.00 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





#27

2,4-Dimethylphenol

Concen: 40.390 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

ICVBF040319

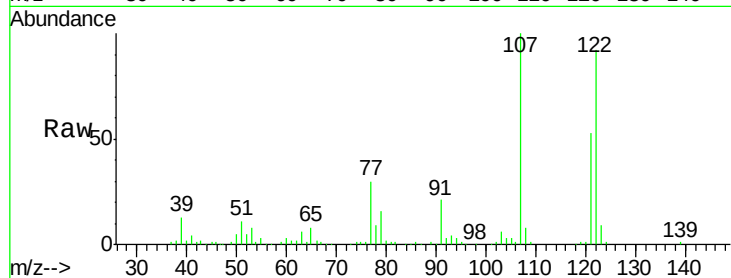
Tgt Ion:122 Resp: 279966

Ion Ratio Lower Upper

122 100

107 109.2 88.8 133.2

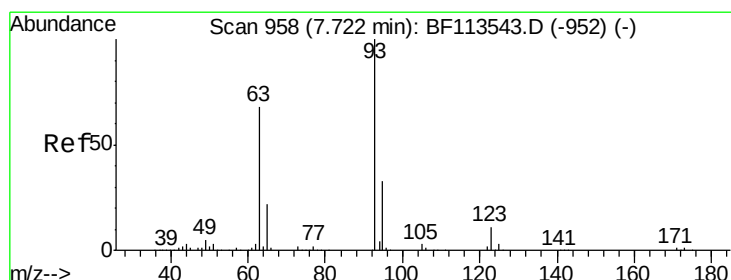
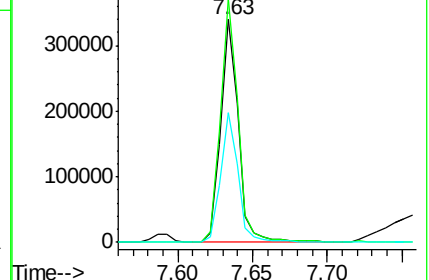
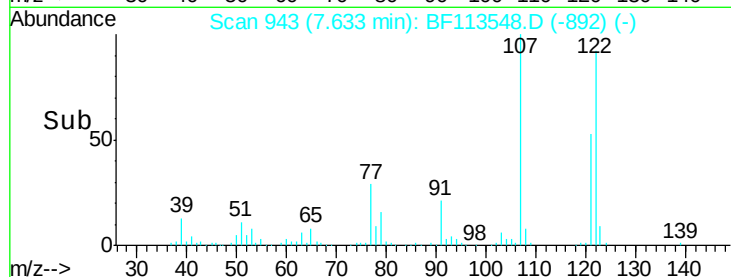
121 58.3 45.5 68.3



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. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

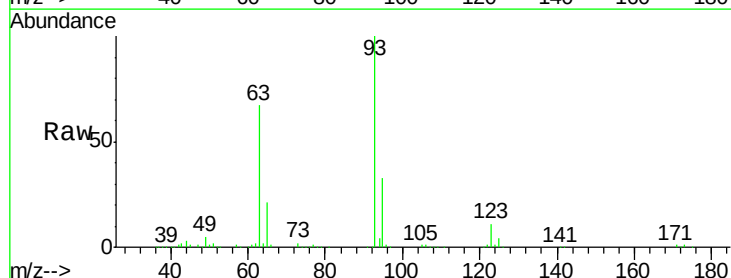
Tgt Ion: 93 Resp: 432721

Ion Ratio Lower Upper

93 100

95 33.3 26.0 39.0

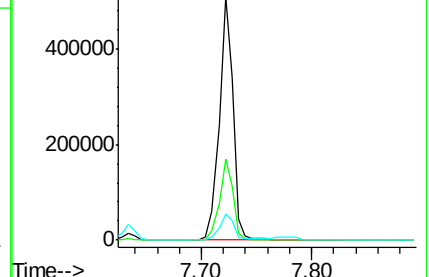
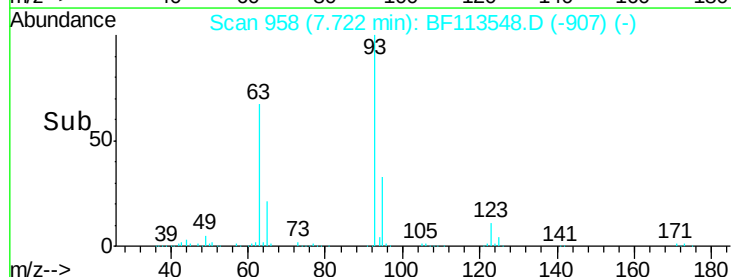
123 10.9 9.1 13.7

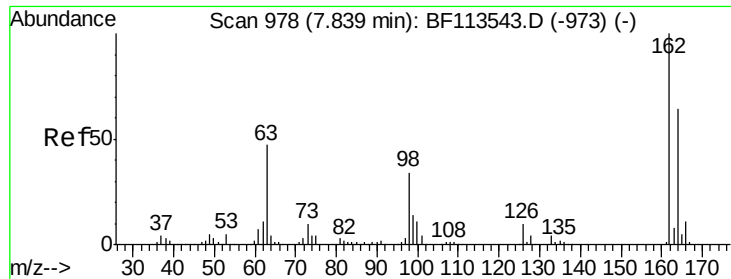


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

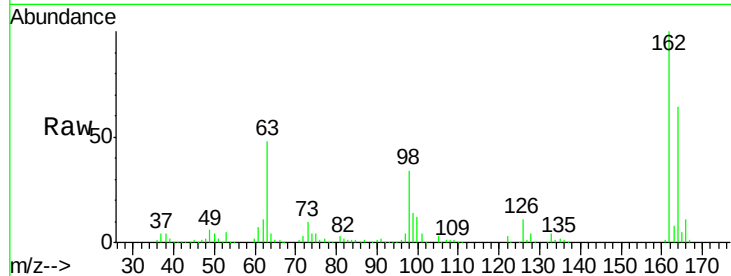




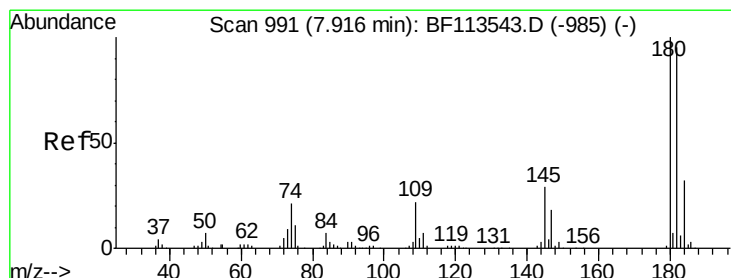
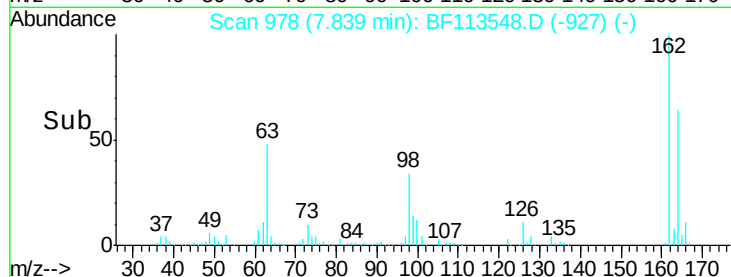
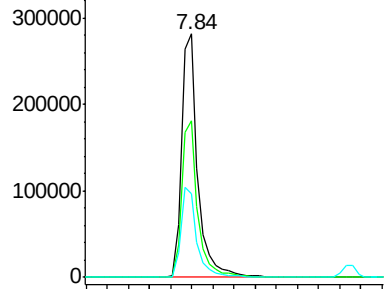
#29
 2,4-Dichlorophenol
 Concen: 40.976 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040319

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

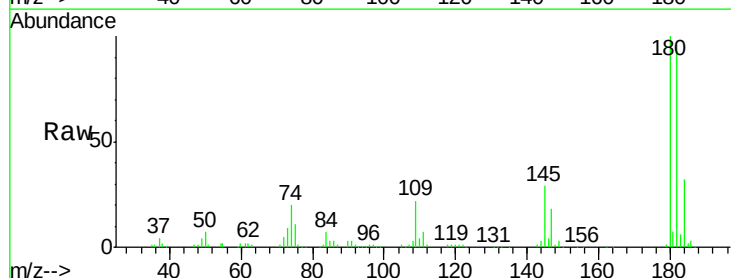


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

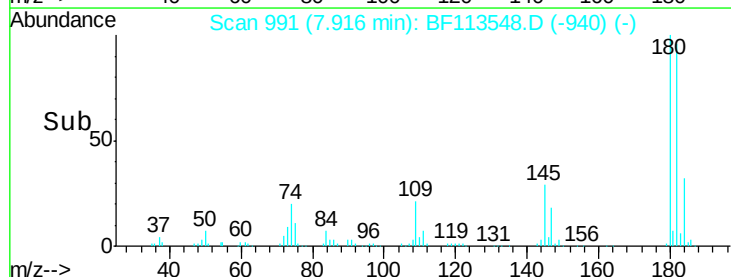
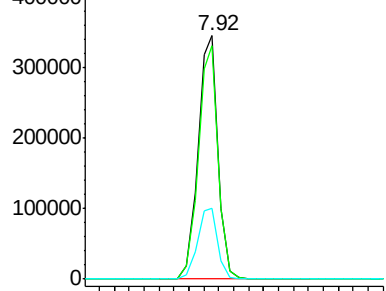


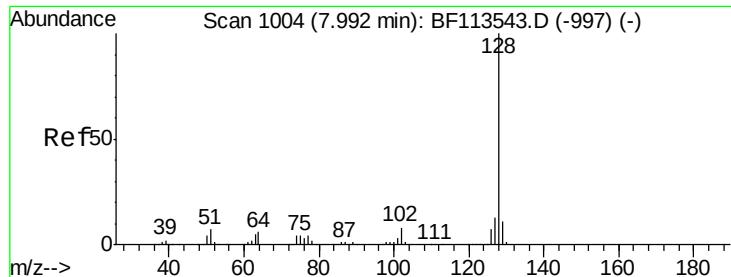
#30
 1,2,4-Trichlorobenzene
 Concen: 40.656 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

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

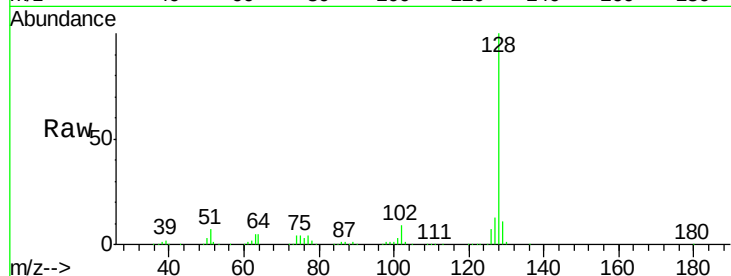




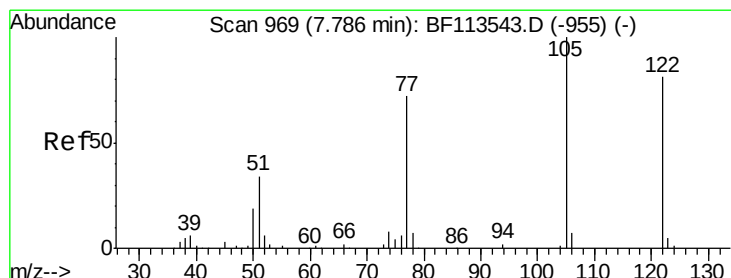
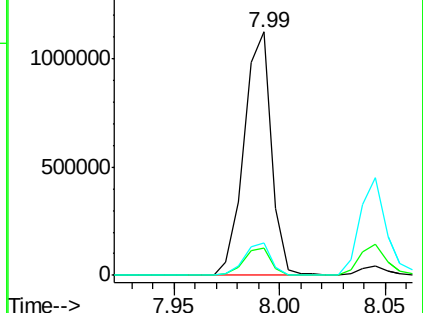
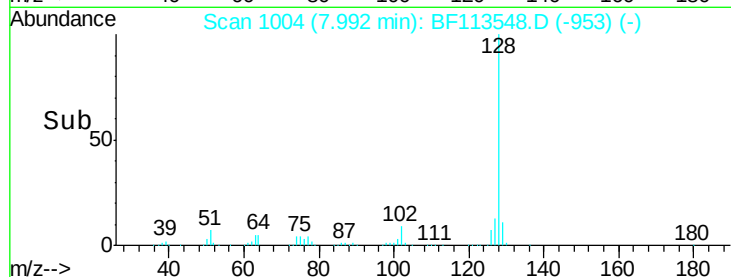
#31
Naphthalene
Concen: 40.849 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Instrument :
BNA_F
ClientSampleId :
ICVBF040319

Tgt Ion:128 Resp: 1014168
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.3 10.9 16.3

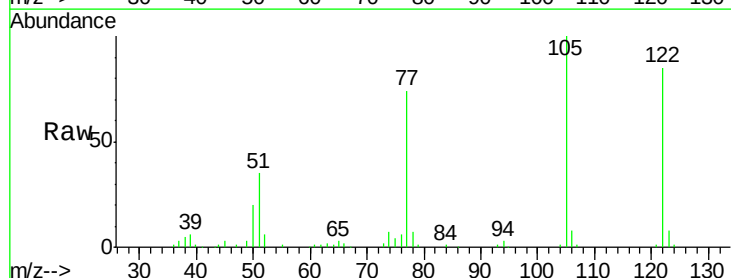


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

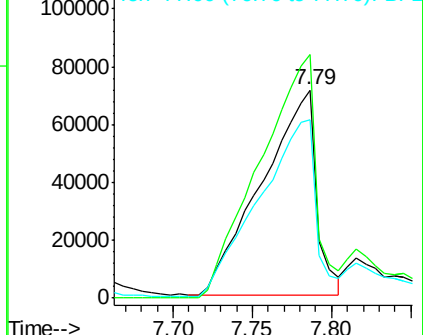
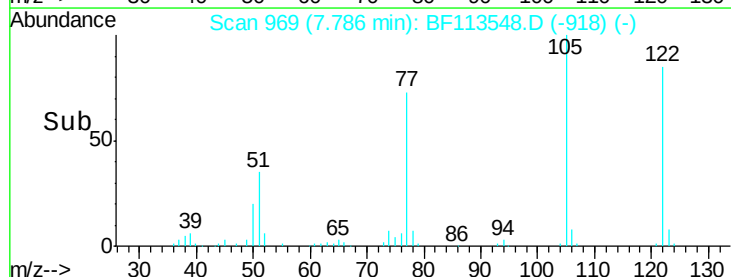


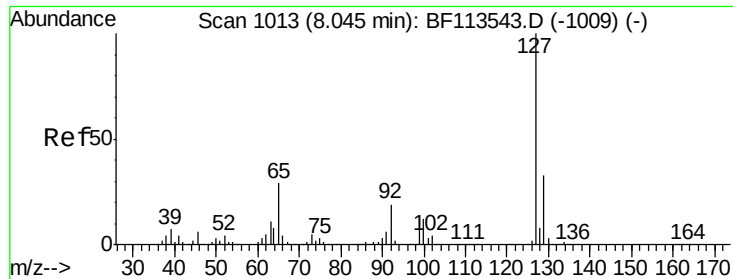
#32
Benzoic acid
Concen: 31.696 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

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

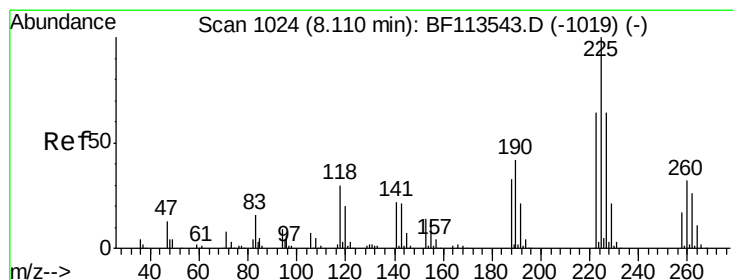
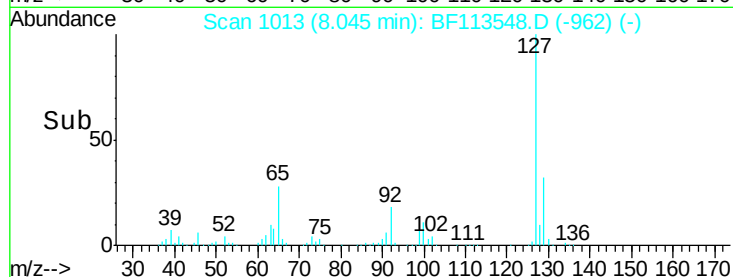
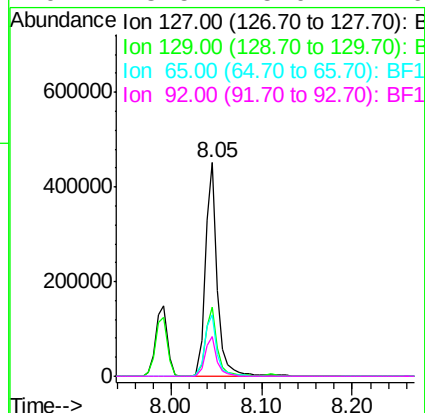
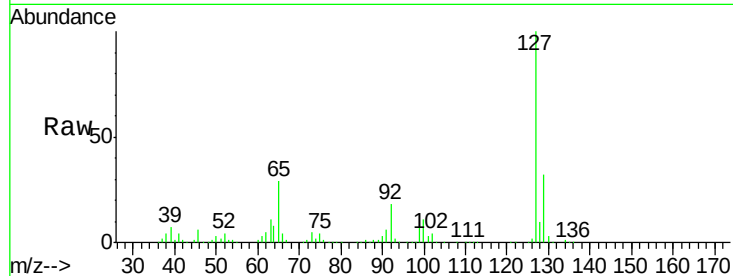




#33
4-Chloroaniline
Concen: 41.944 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

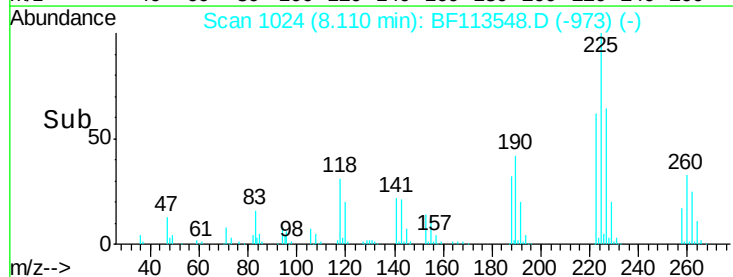
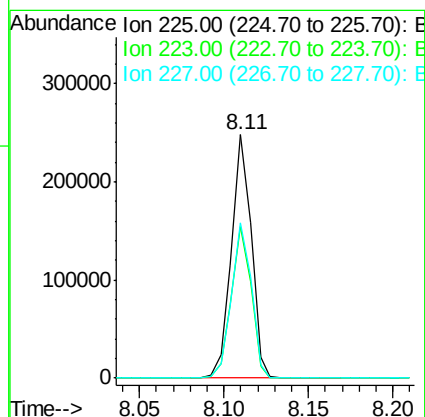
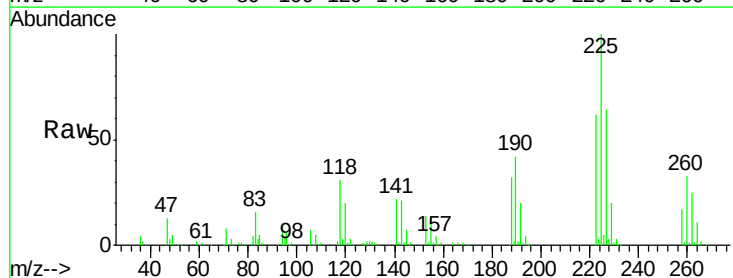
Instrument :
BNA_F
ClientSampleId :
ICVBF040319

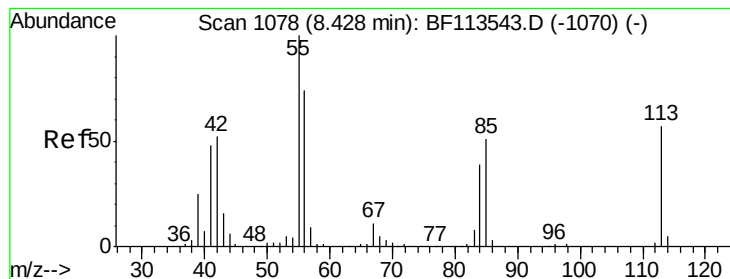
Tgt Ion:	127	Resp:	412921
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	28.7	24.2	36.4
92	18.5	15.0	22.6



#34
Hexachlorobutadiene
Concen: 40.981 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 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. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

ICVBF040319

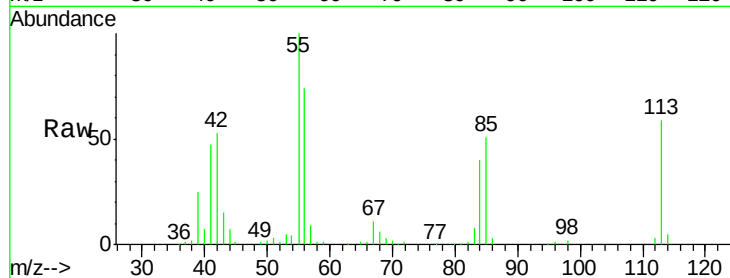
Tgt Ion:113 Resp: 95689

Ion Ratio Lower Upper

113 100

55 169.9 152.7 192.7

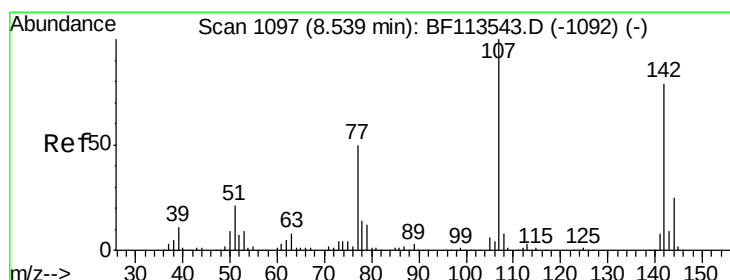
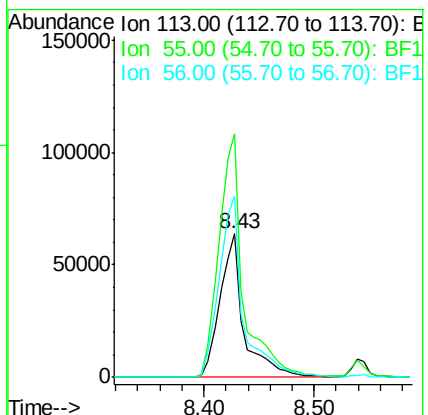
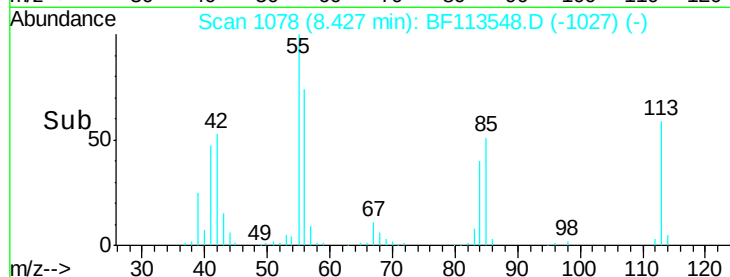
56 125.8 108.3 148.3



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. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

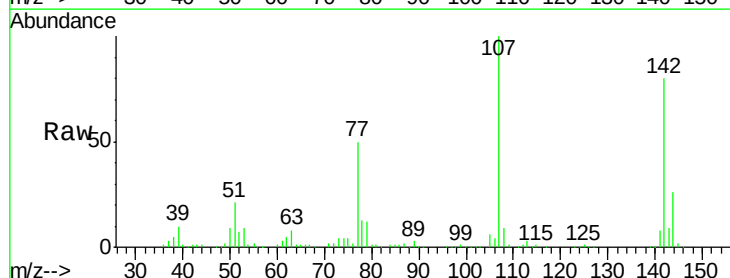
Tgt Ion:107 Resp: 302748

Ion Ratio Lower Upper

107 100

144 25.6 21.4 32.0

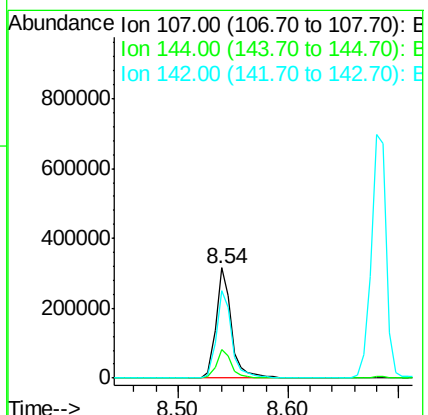
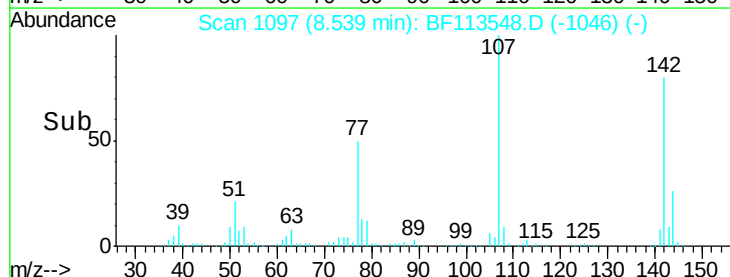
142 79.6 65.6 98.4

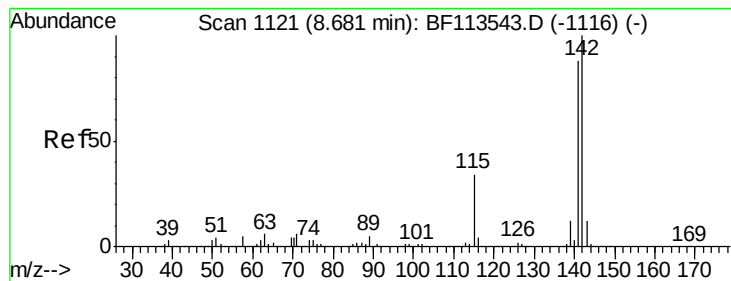


Abundance Ion 107.00 (106.70 to 107.70): E

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. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

ICVBF040319

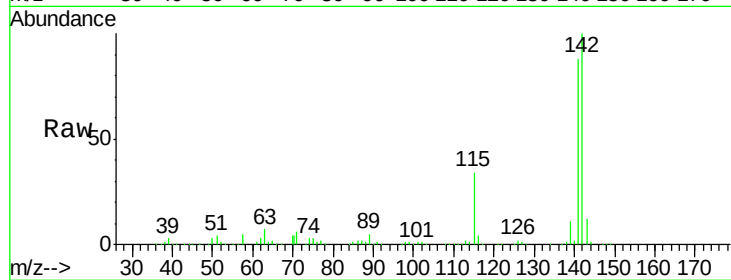
Tgt Ion:142 Resp: 669246

Ion Ratio Lower Upper

142 100

141 88.2 71.0 106.6

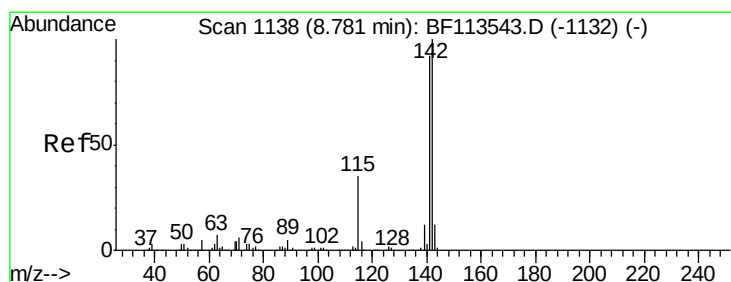
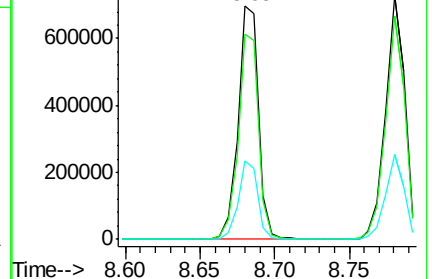
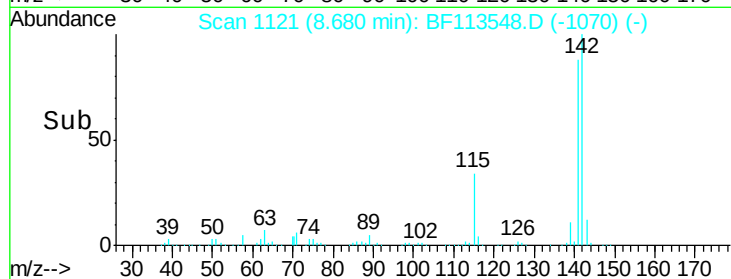
115 33.6 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.915 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

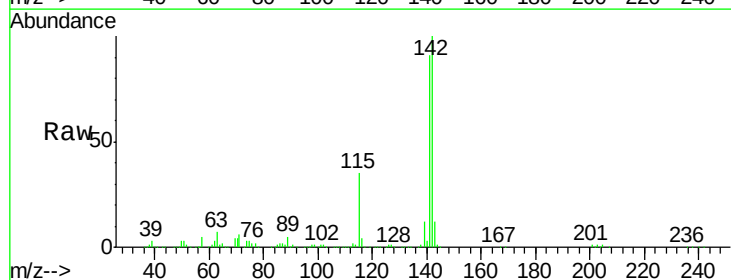
Tgt Ion:142 Resp: 644213

Ion Ratio Lower Upper

142 100

141 91.5 73.2 109.8

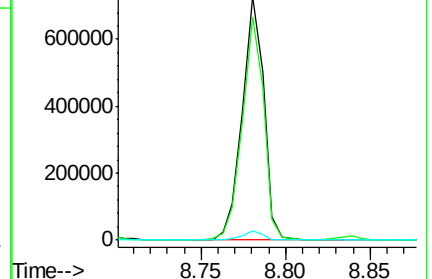
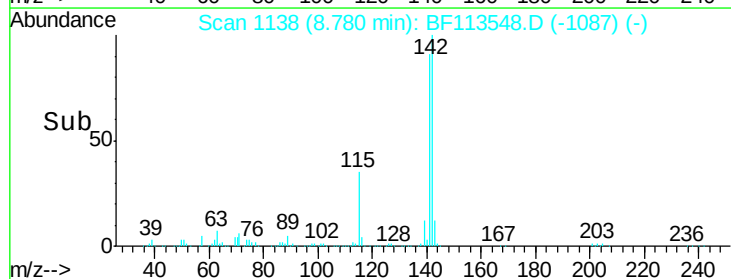
116 3.7 3.0 4.4

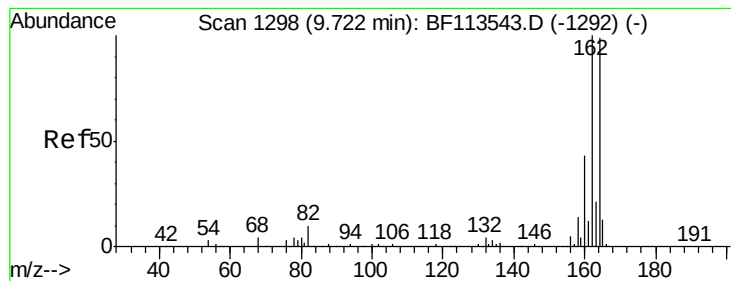


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

ICVBF040319

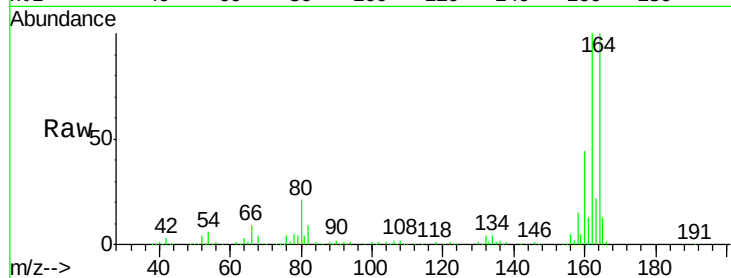
Tgt Ion:164 Resp: 247011

Ion Ratio Lower Upper

164 100

162 100.0 81.8 122.6

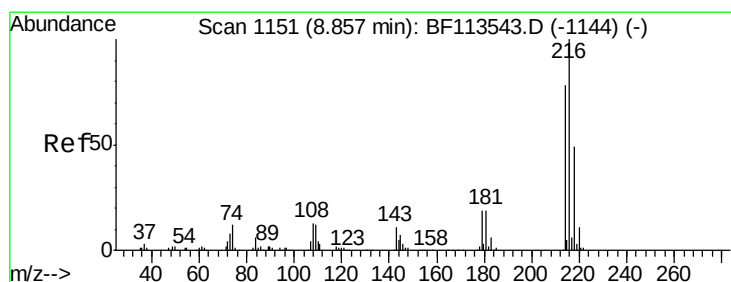
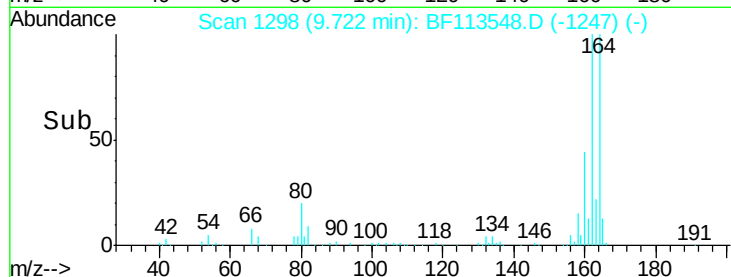
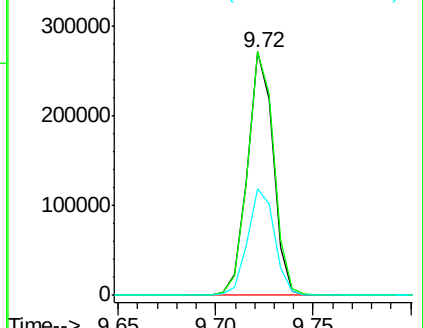
160 43.6 36.4 54.6



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. -0.01 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Tgt Ion:216 Resp: 322578

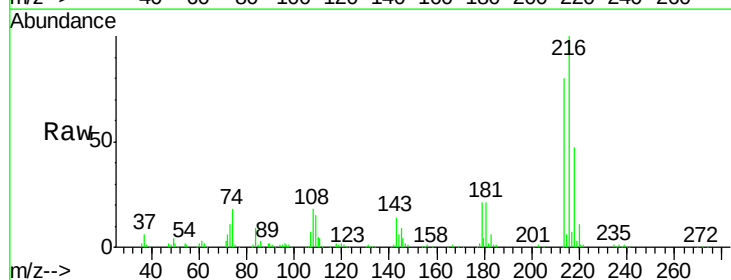
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.6

179 20.2 16.8 25.2

108 16.9 13.8 20.6

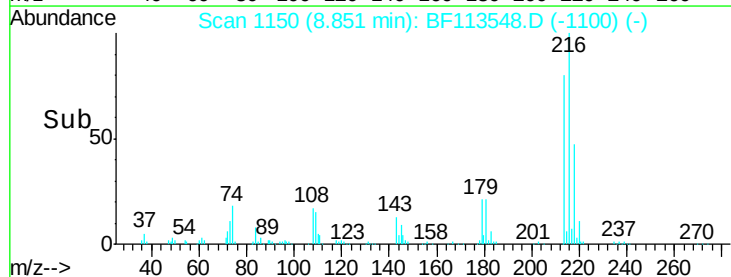
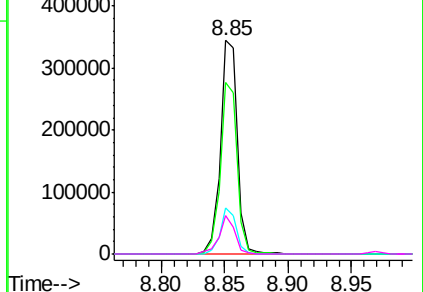


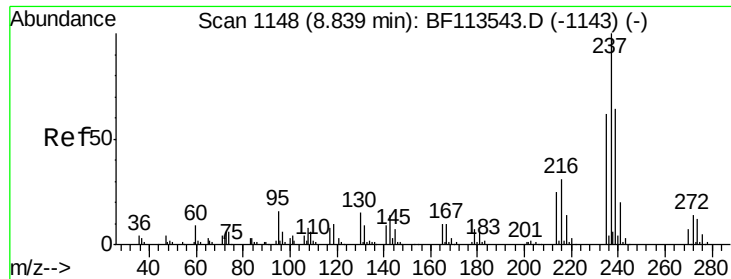
Abundance Ion 216.00 (215.70 to 216.70): E

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

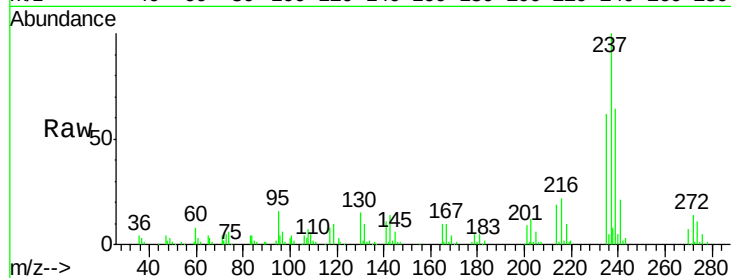




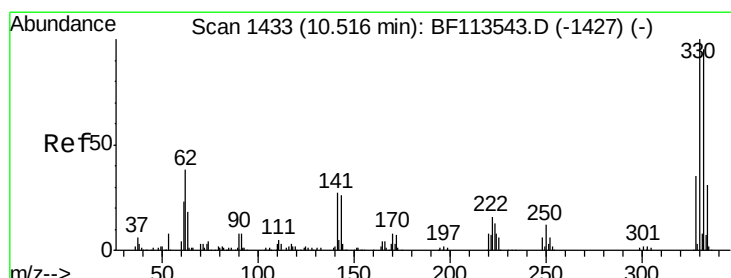
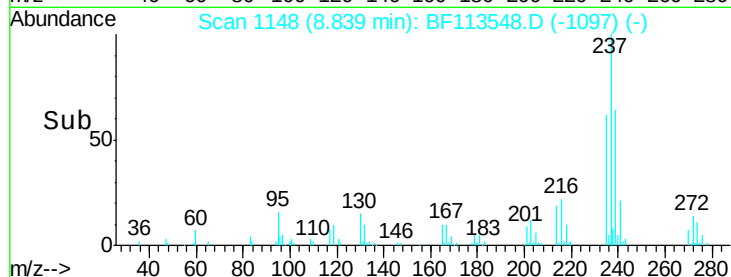
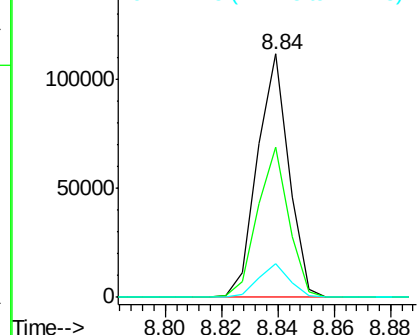
#41
Hexachlorocyclopentadiene
Concen: 39.091 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Instrument :
BNA_F
ClientSampleId :
ICVBF040319

Tgt Ion: 237 Resp: 86322
Ion Ratio Lower Upper
237 100
235 61.5 43.4 83.4
272 14.1 0.0 33.7

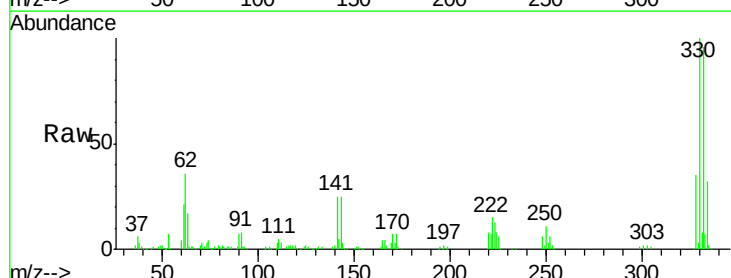


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

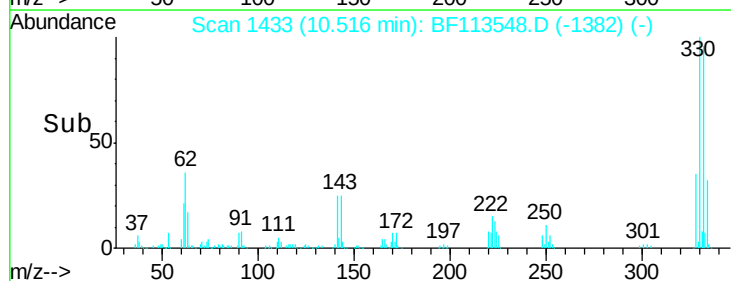
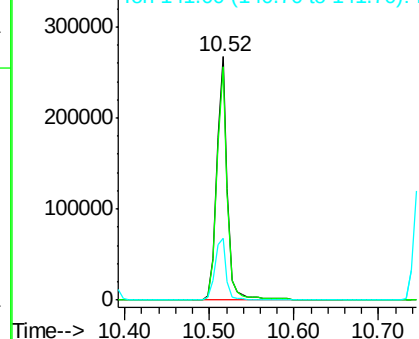


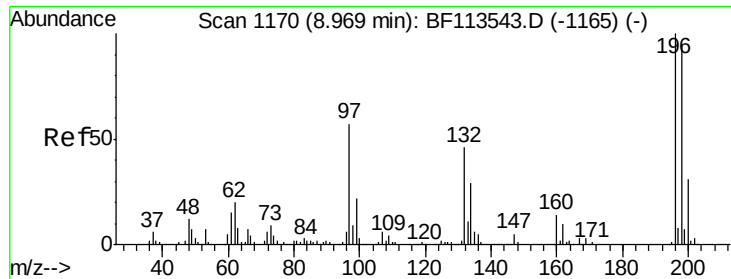
#42
2,4,6-Tribromophenol
Concen: 81.407 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

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

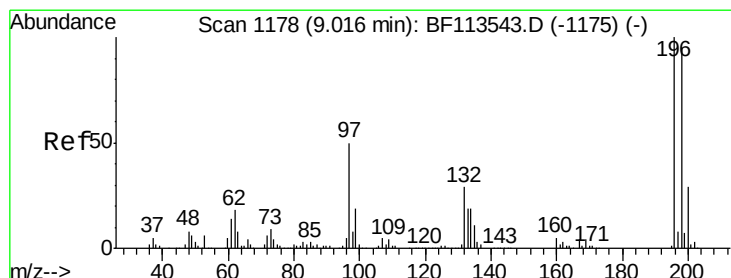
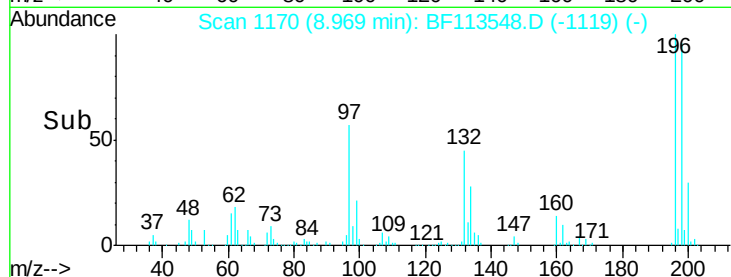
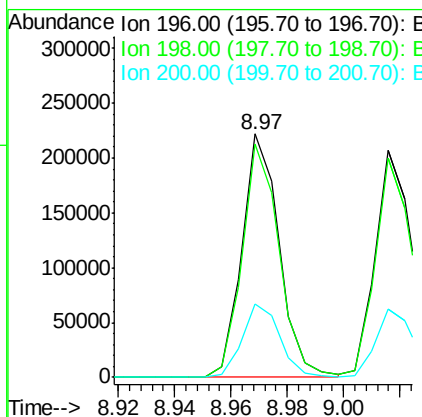
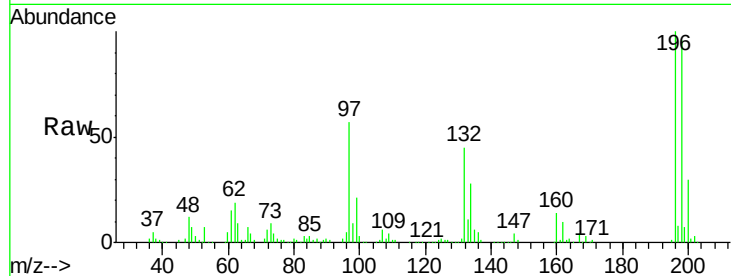




#43
 2,4,6-Trichlorophenol
 Concen: 40.354 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

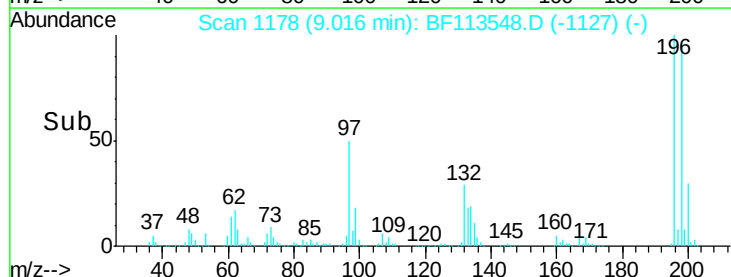
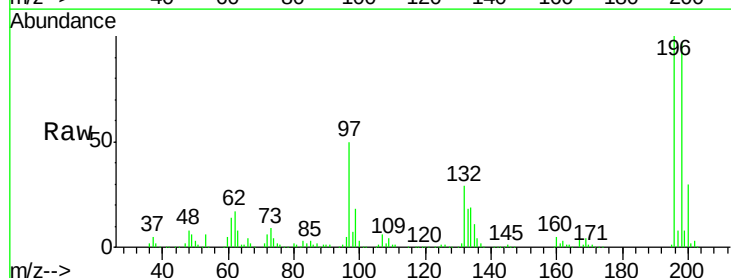
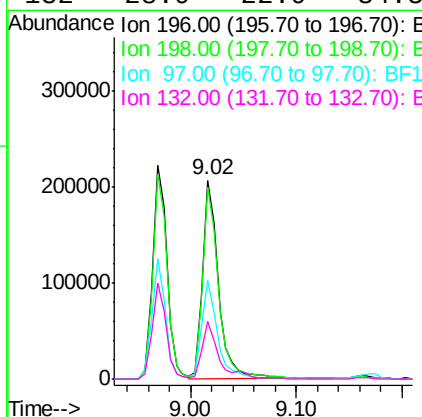
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040319

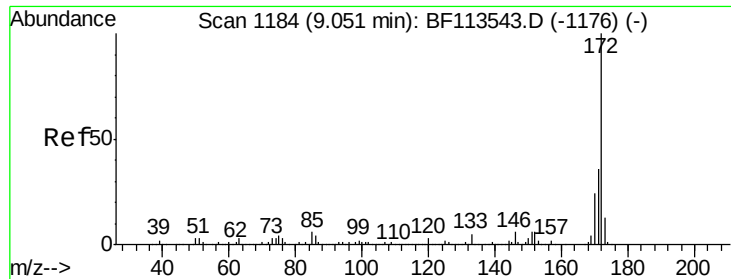
Tgt Ion:196 Resp: 203488
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.7 116.5
 200 29.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.097 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 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

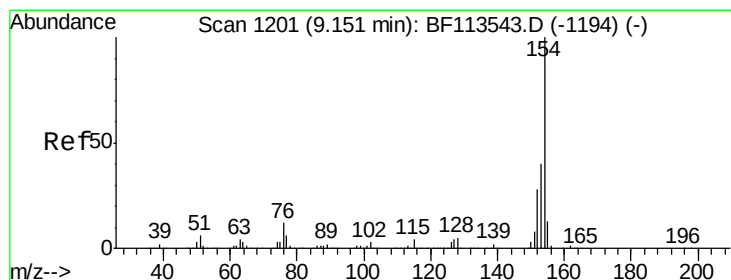
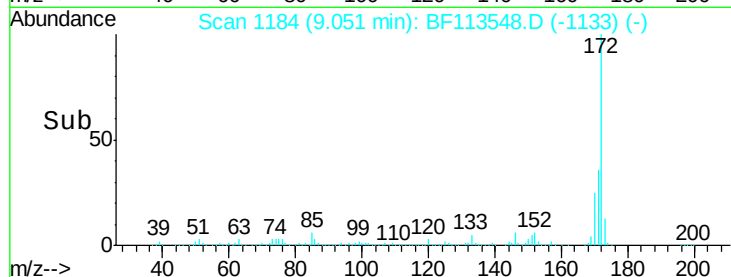
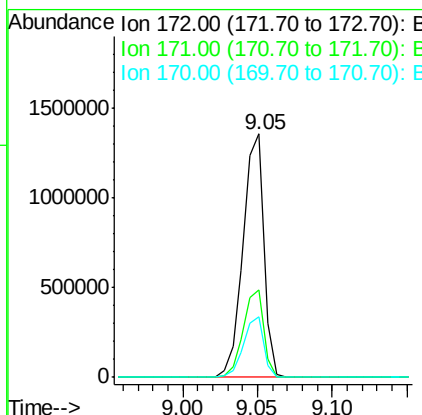
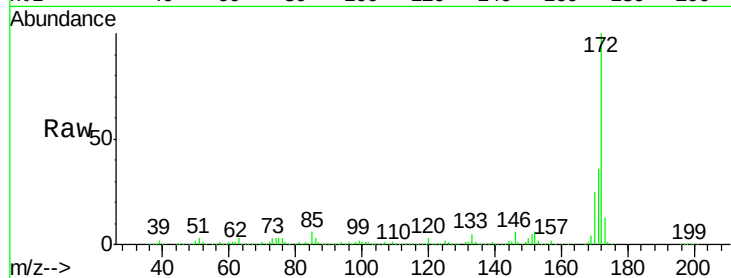




#45
2-Fluorobiphenyl
Concen: 85.685 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

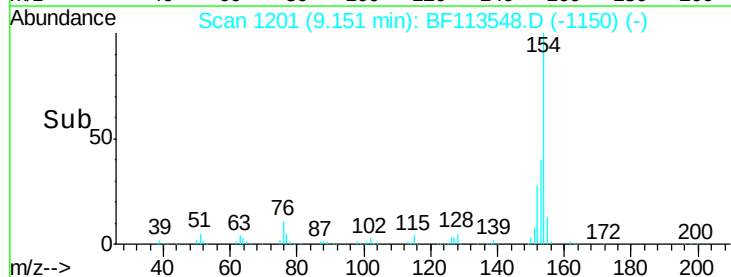
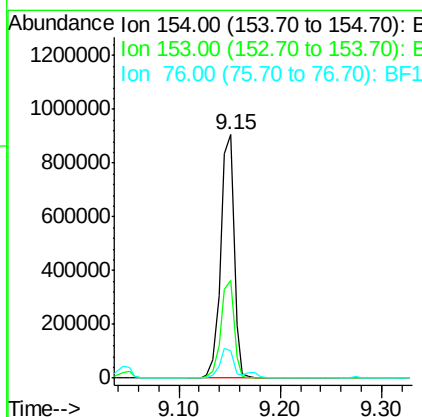
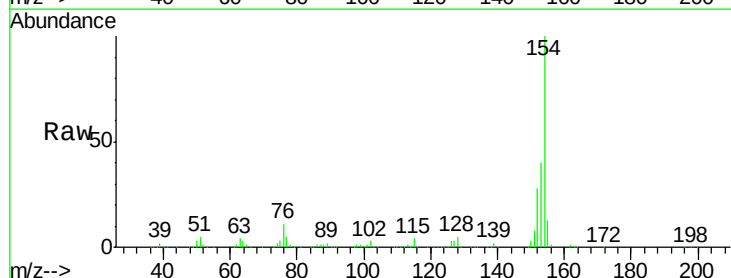
Instrument :
BNA_F
ClientSampleId :
ICVBF040319

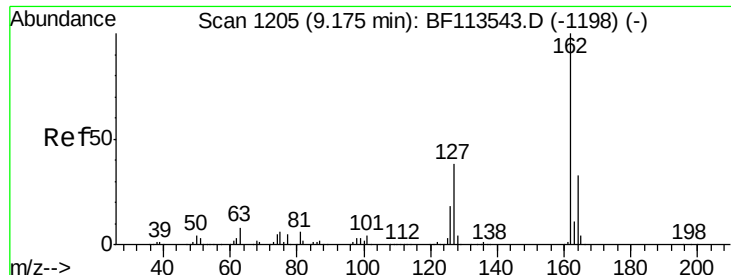
Tgt Ion:172 Resp: 1314689
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 24.7 19.5 29.3



#46
1,1'-Biphenyl
Concen: 40.825 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 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

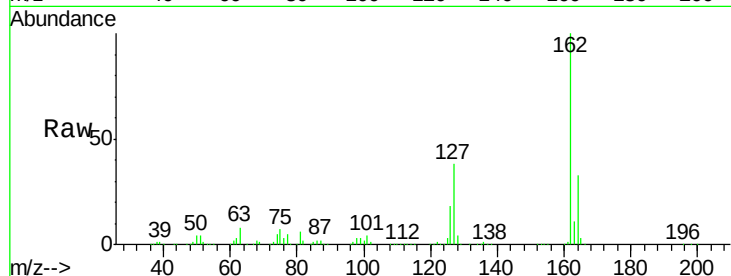




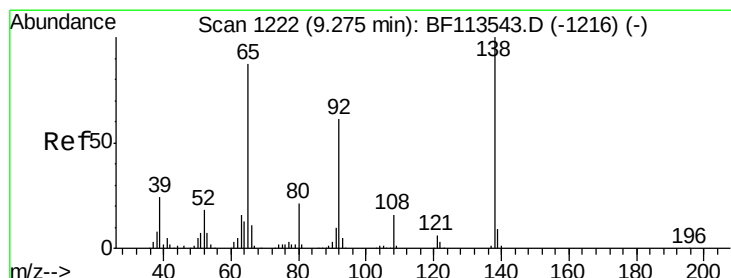
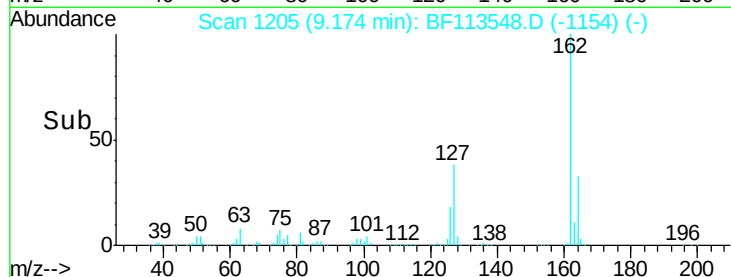
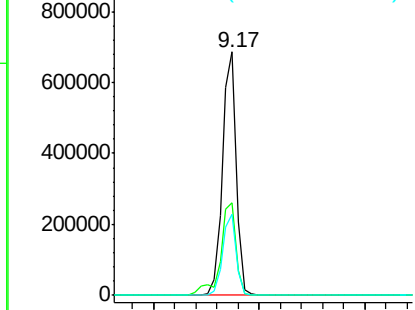
#47
 2-Chloronaphthalene
 Concen: 40.869 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040319

Tgt Ion: 162 Resp: 630715
 Ion Ratio Lower Upper
 162 100
 127 38.2 32.6 49.0
 164 33.2 26.6 39.8

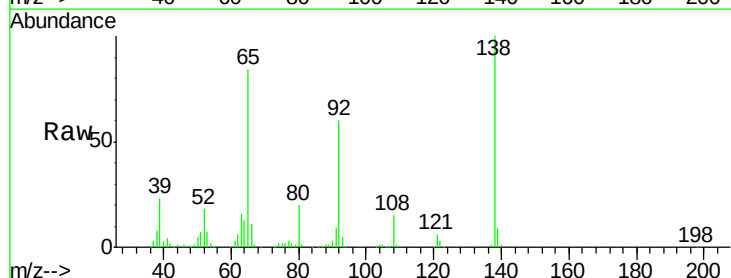


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

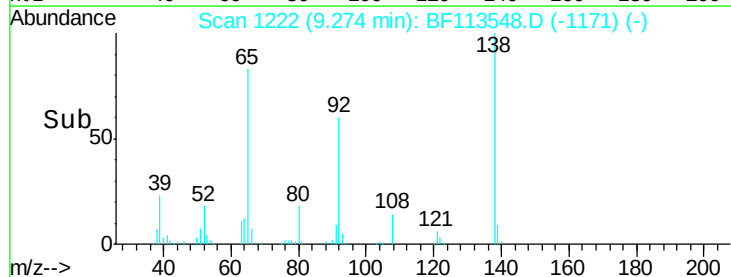
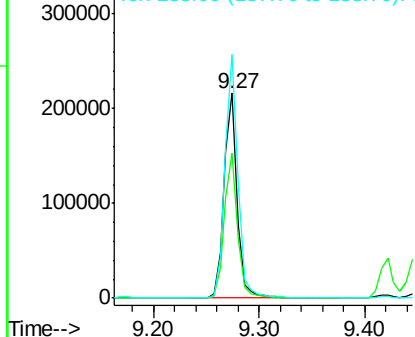


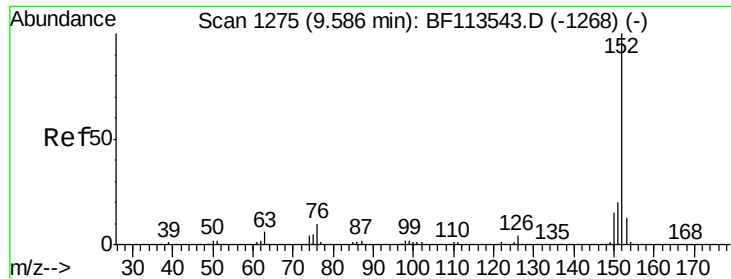
#48
 2-Nitroaniline
 Concen: 39.994 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Tgt Ion: 65 Resp: 188864
 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. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

ICVBF040319

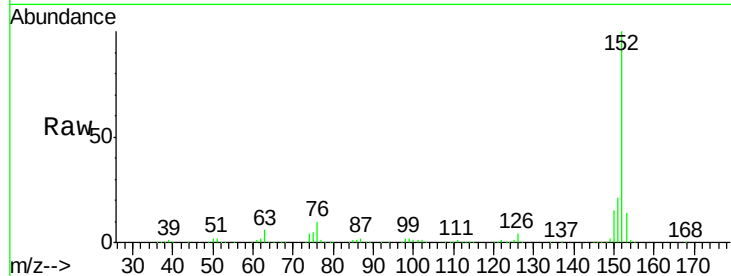
Tgt Ion:152 Resp: 1029777

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

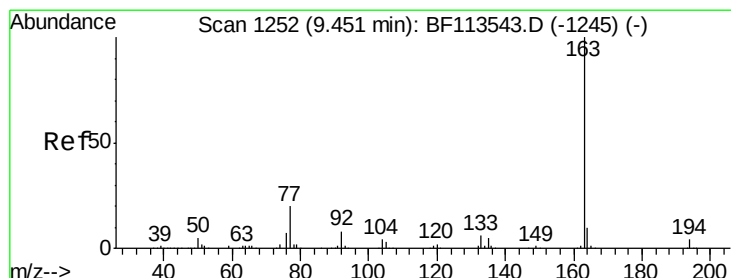
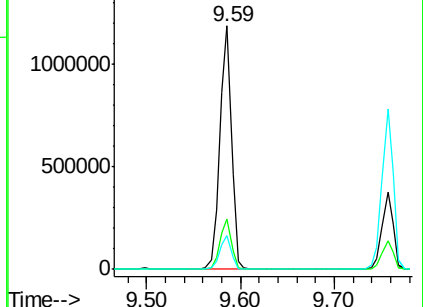
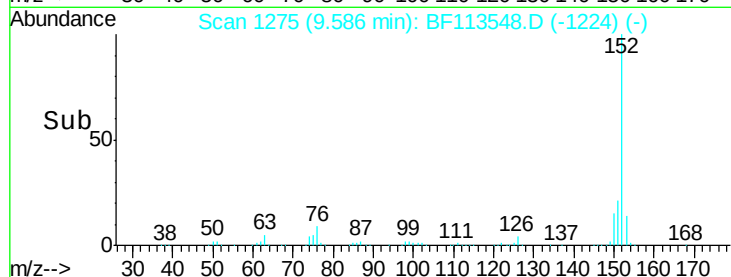
153 13.7 11.0 16.6



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. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

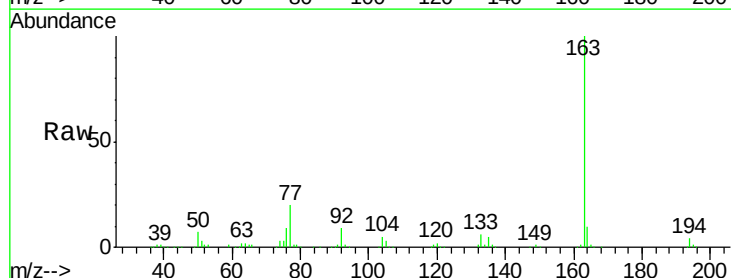
Tgt Ion:163 Resp: 726479

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

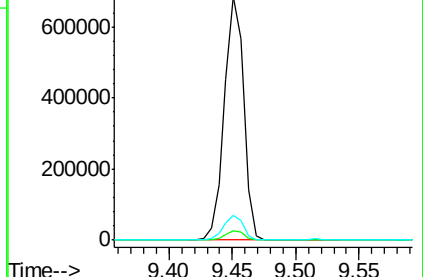
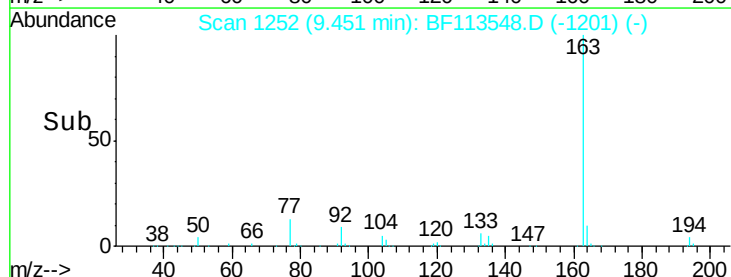
164 10.4 8.1 12.1

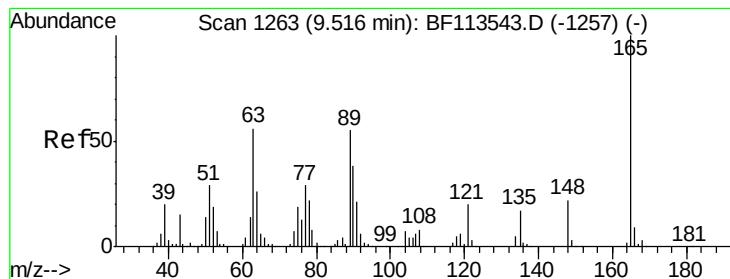


Abundance Ion 163.00 (162.70 to 163.70): E

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. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

ICVBF040319

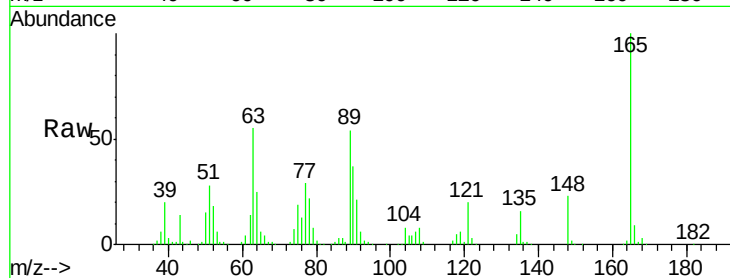
Tgt Ion:165 Resp: 163131

Ion Ratio Lower Upper

165 100

63 54.6 43.4 65.0

89 54.0 43.1 64.7

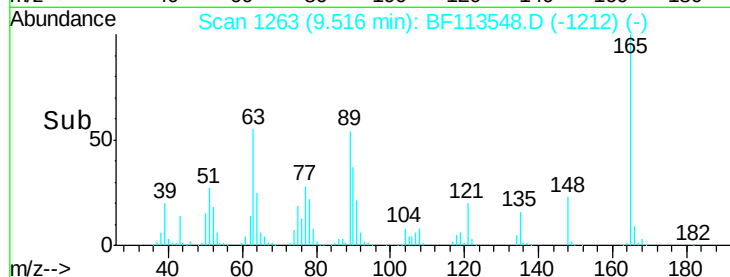


Abundance Ion 165.00 (164.70 to 165.70): E

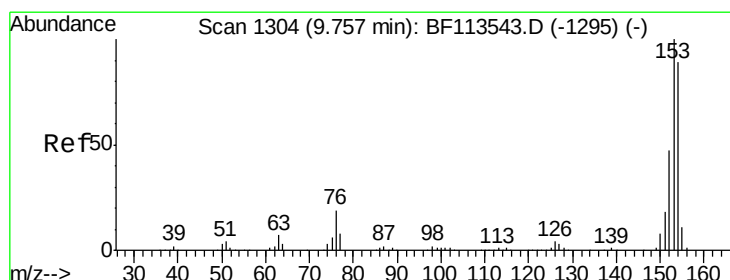
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 40.685 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

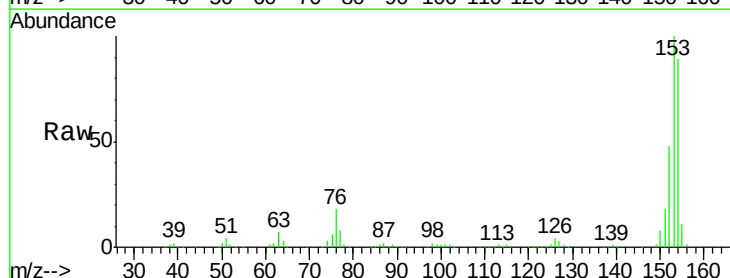
Tgt Ion:154 Resp: 584456

Ion Ratio Lower Upper

154 100

153 111.9 89.5 134.3

152 53.6 43.3 64.9

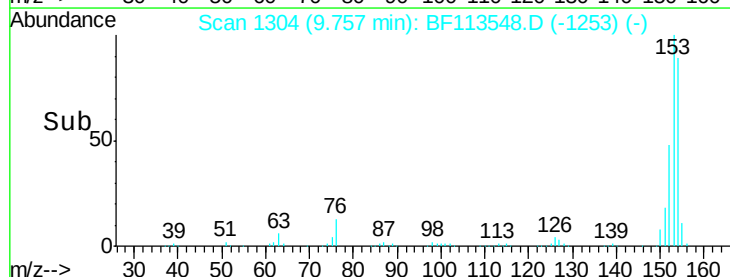


Abundance Ion 154.00 (153.70 to 154.70): E

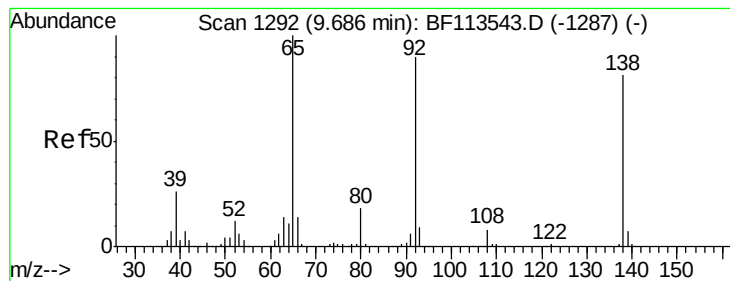
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



#53

3-Nitroaniline

Concen: 40.164 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

ICVBF040319

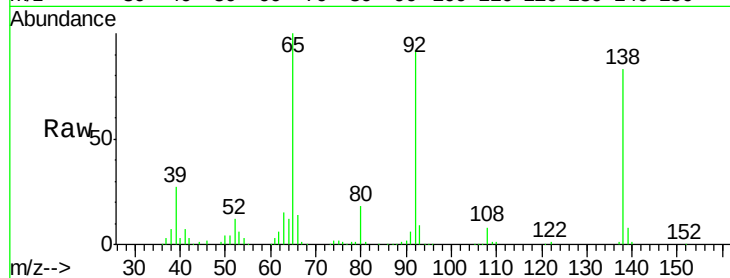
Tgt Ion:138 Resp: 183277

Ion Ratio Lower Upper

138 100

108 9.8 7.8 11.6

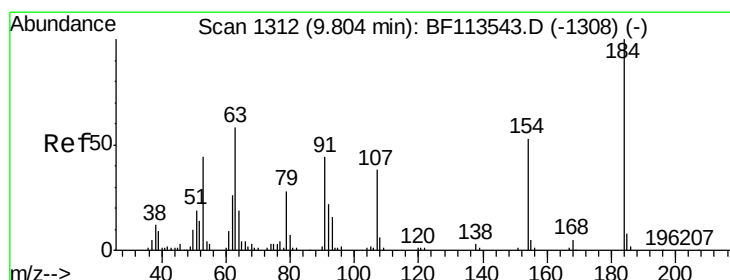
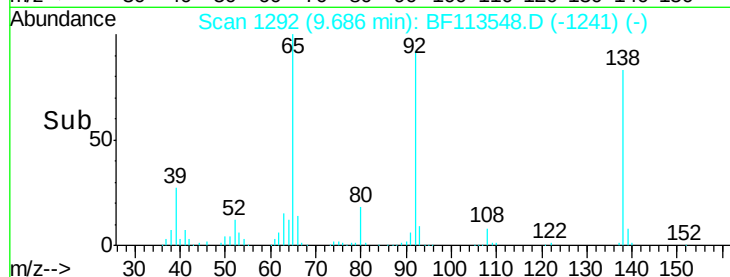
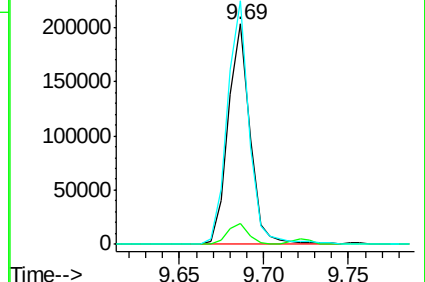
92 110.5 82.6 124.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 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

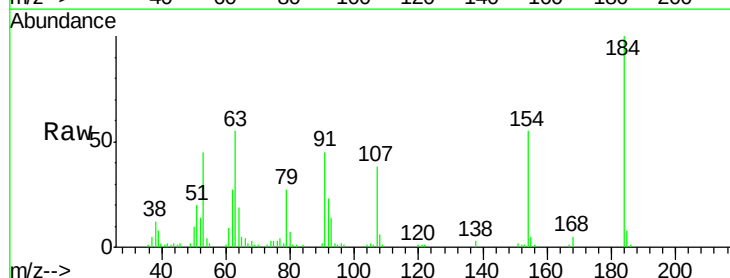
Tgt Ion:184 Resp: 77686

Ion Ratio Lower Upper

184 100

63 54.7 54.3 81.5

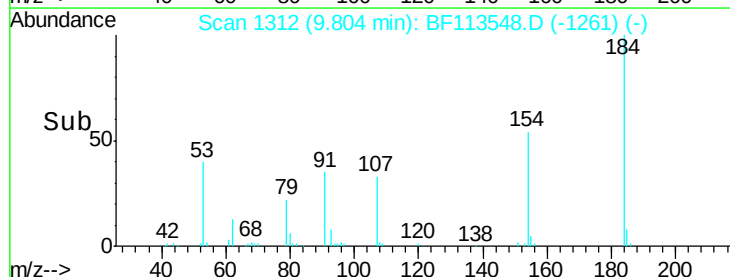
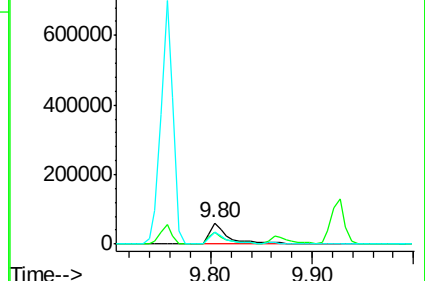
154 55.0 48.4 72.6

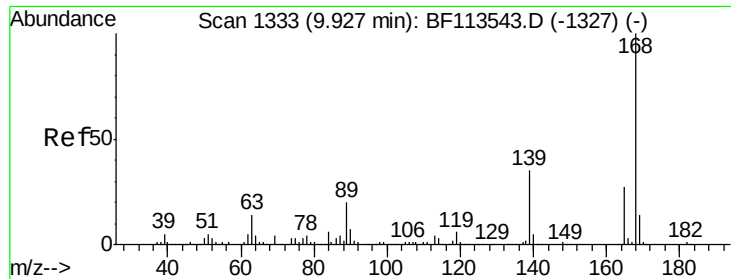


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

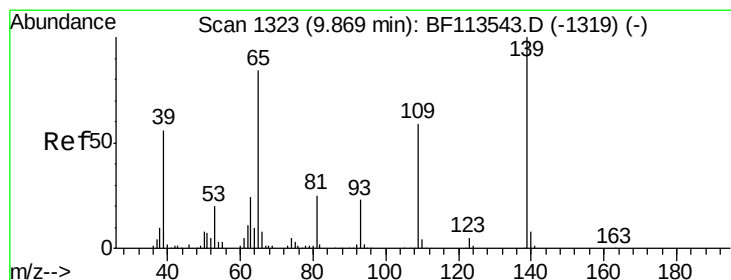
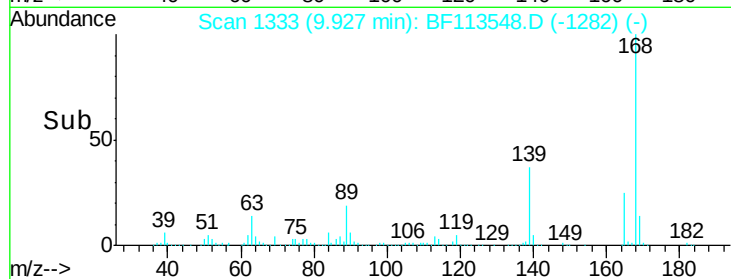
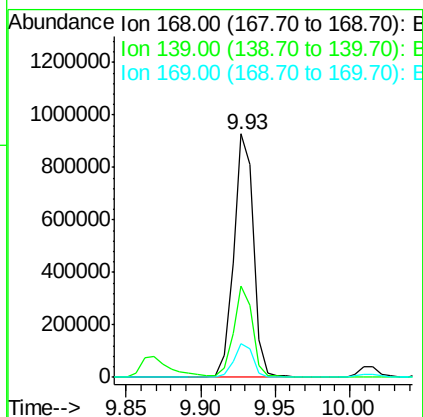
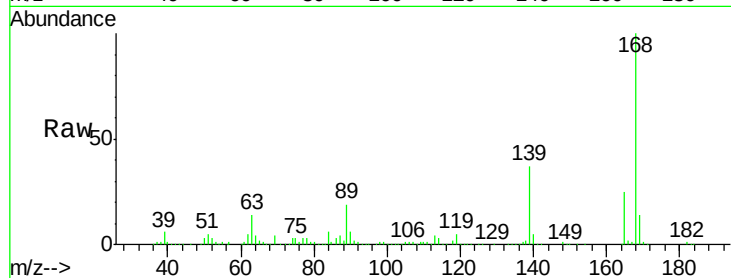




#55
Dibenzenofuran
Concen: 40.961 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

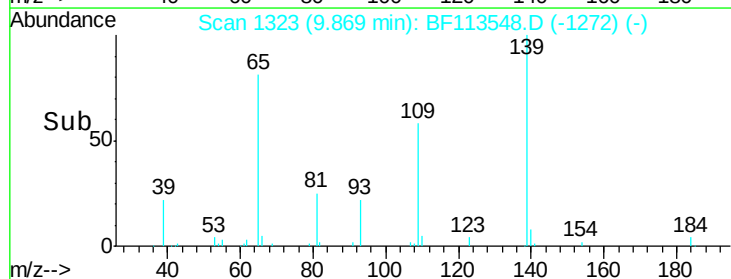
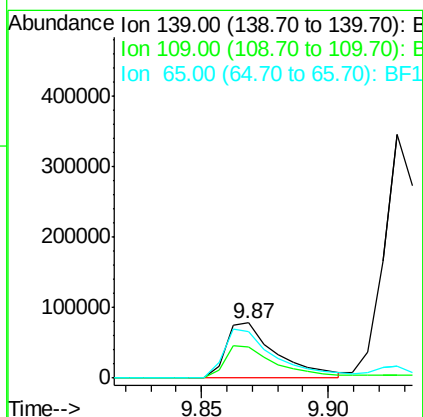
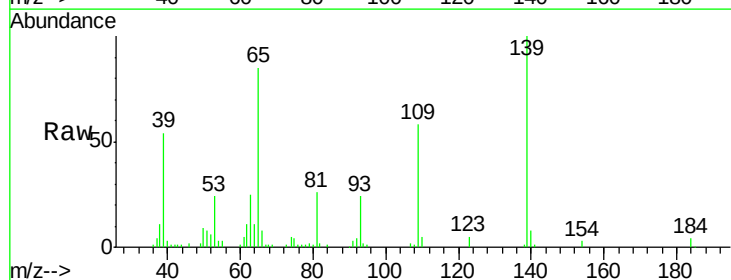
Instrument :
BNA_F
ClientSampleId :
ICVBF040319

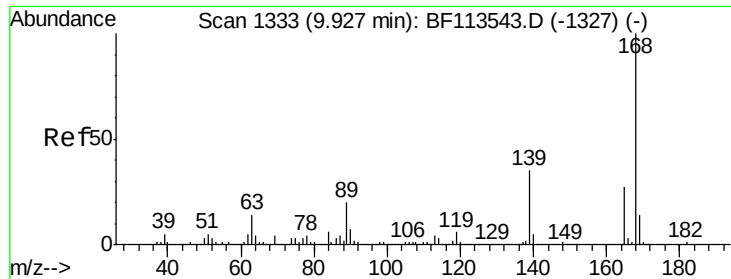
Tgt Ion:168 Resp: 863151
Ion Ratio Lower Upper
168 100
139 37.3 29.7 44.5
169 14.0 10.7 16.1



#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

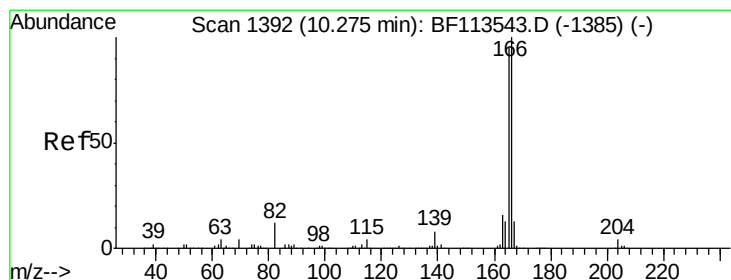
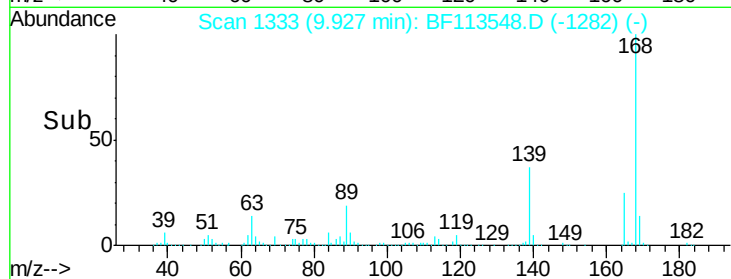
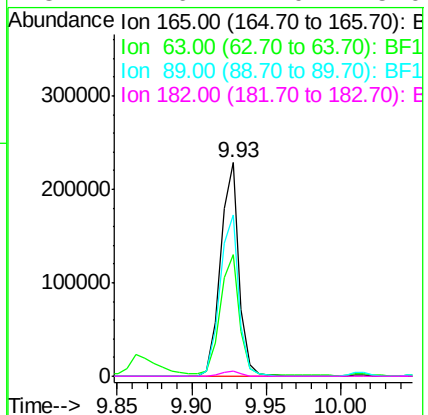
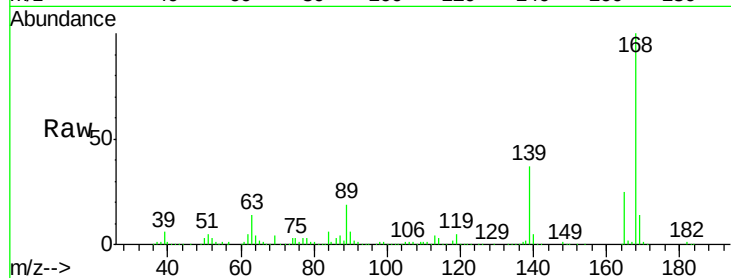




#57
2,4-Dinitrotoluene
Concen: 41.005 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

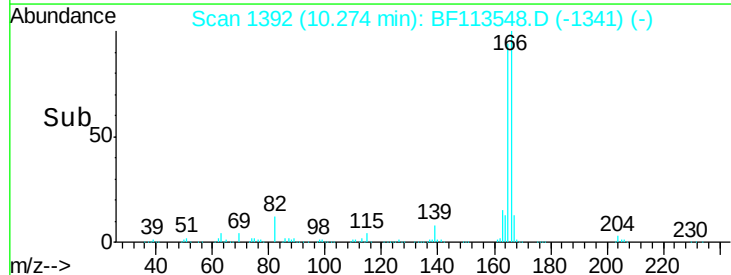
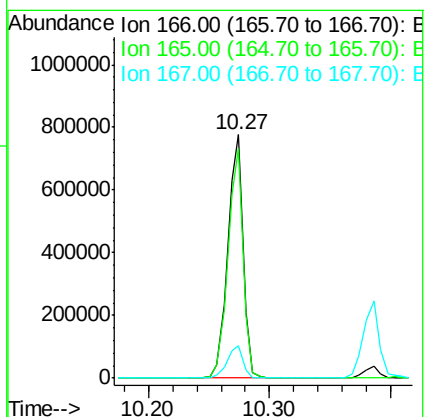
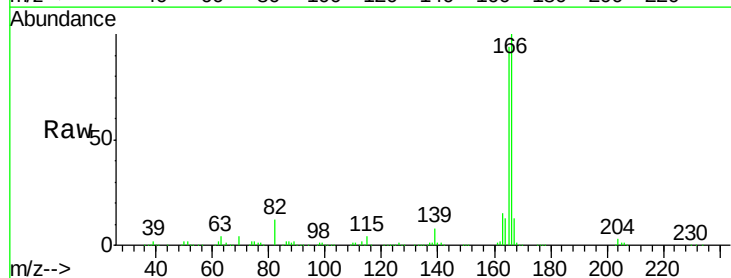
Instrument :
BNA_F
ClientSampleId :
ICVBF040319

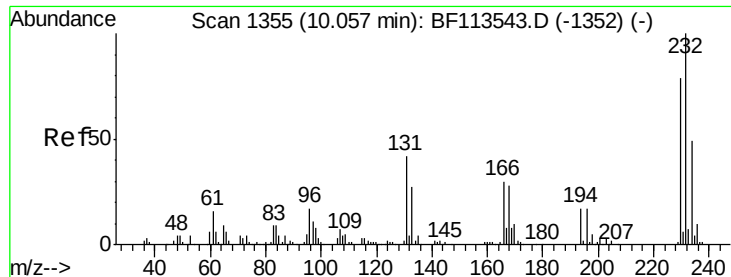
Tgt Ion:165 Resp: 199044
Ion Ratio Lower Upper
165 100
63 56.9 37.5 56.3#
89 75.4 57.4 86.2
182 2.6 2.0 3.0



#58
Fluorene
Concen: 41.080 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 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

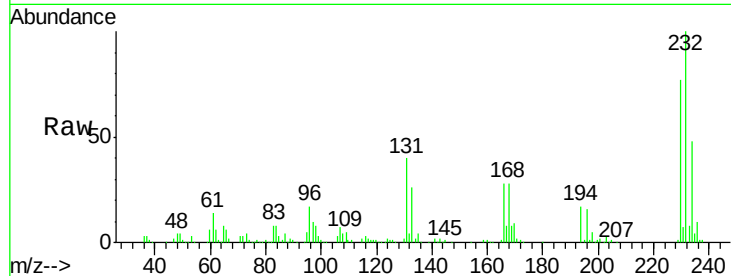




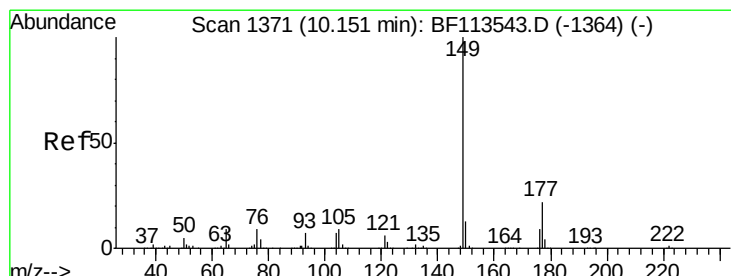
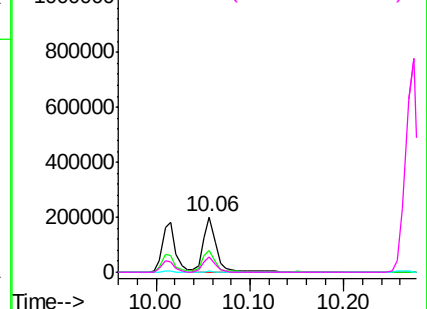
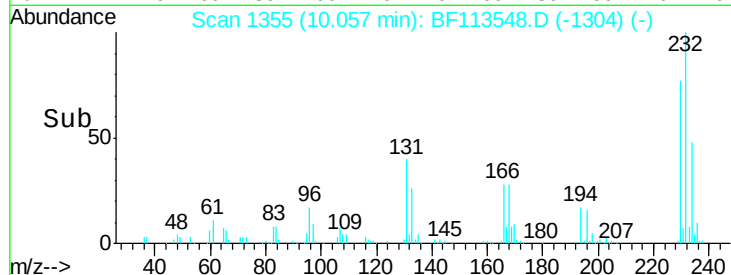
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.107 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040319

Tgt 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

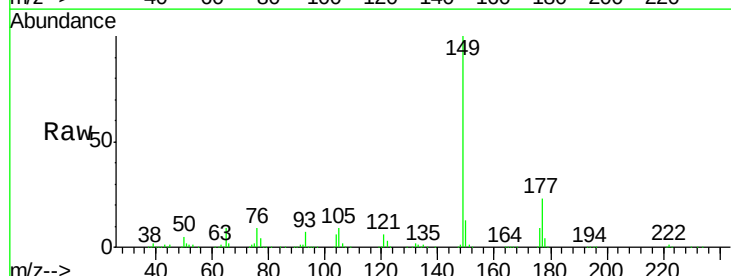


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

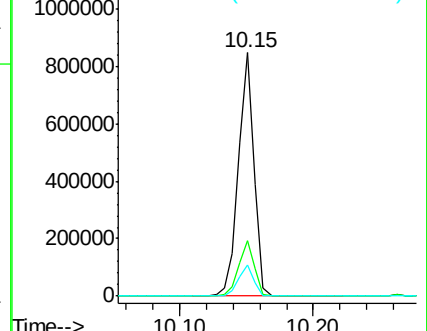
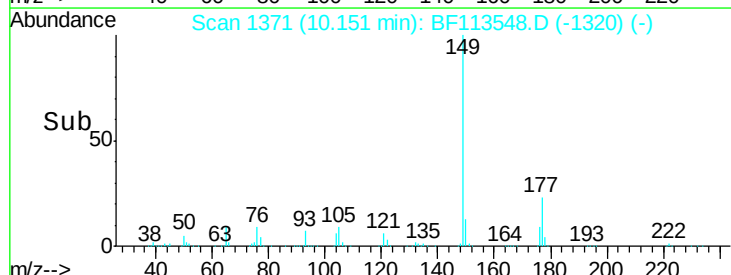


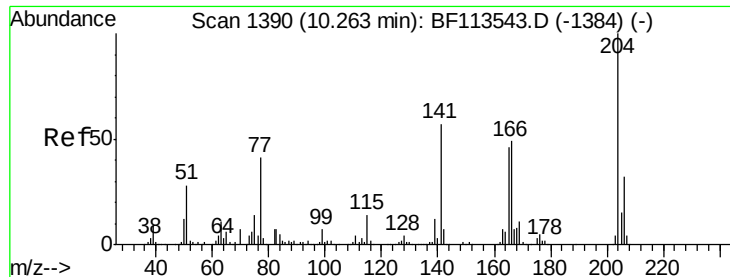
#60
 Diethylphthalate
 Concen: 40.036 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

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



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

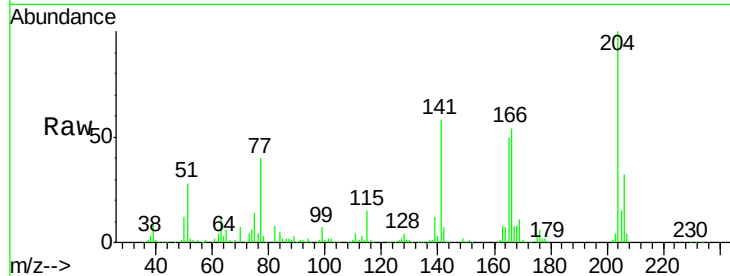




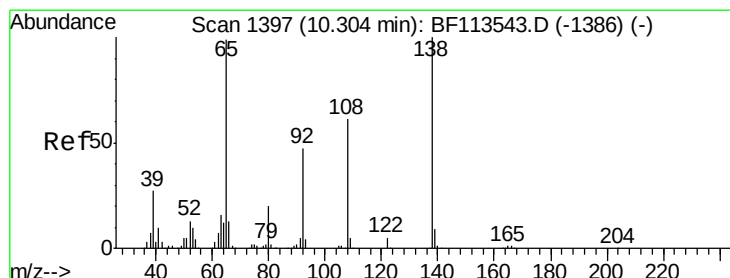
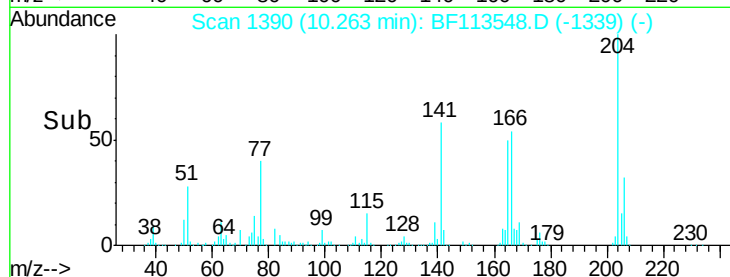
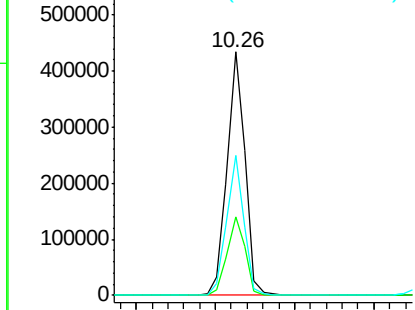
#61
 4-Chlorophenyl-phenylether
 Concen: 41.445 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040319

Tgt Ion: 204 Resp: 339755
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.9 40.3
 141 57.5 48.8 73.2

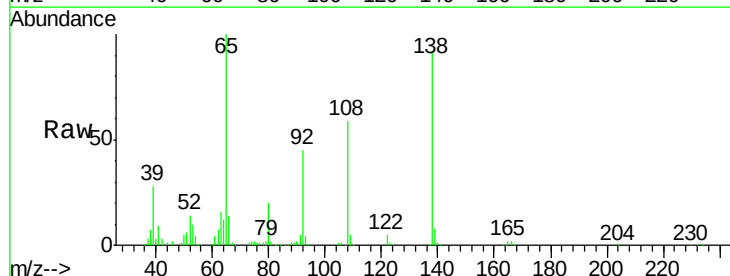


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

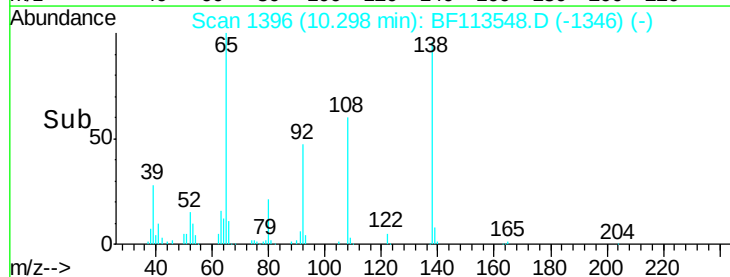
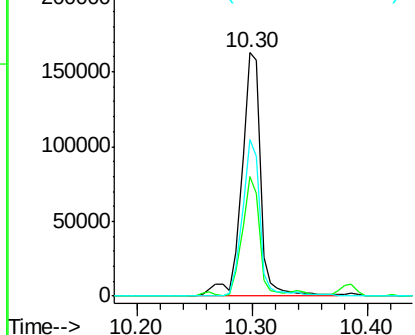


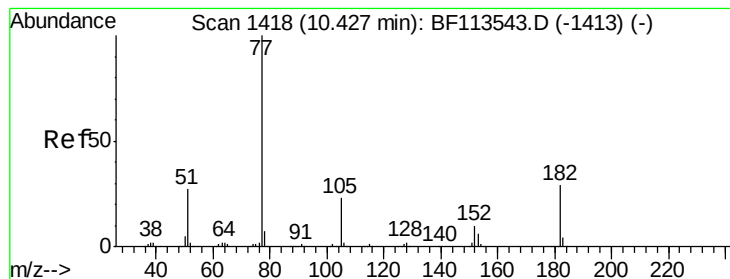
#62
 4-Nitroaniline
 Concen: 40.176 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Tgt Ion: 138 Resp: 186425
 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. -0.01 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

ICVBF040319

Tgt Ion: 77 Resp: 675715

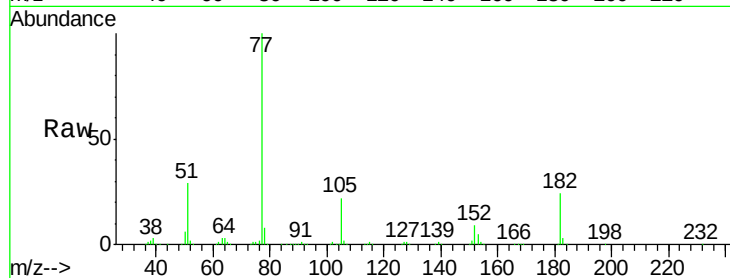
Ion Ratio Lower Upper

77 100

182 24.1 8.7 48.7

105 22.0 2.9 42.9

51 28.8 8.8 48.8

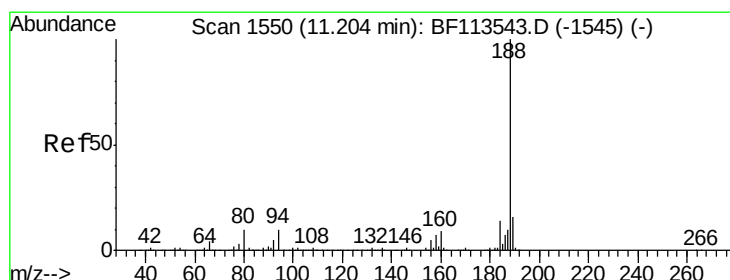
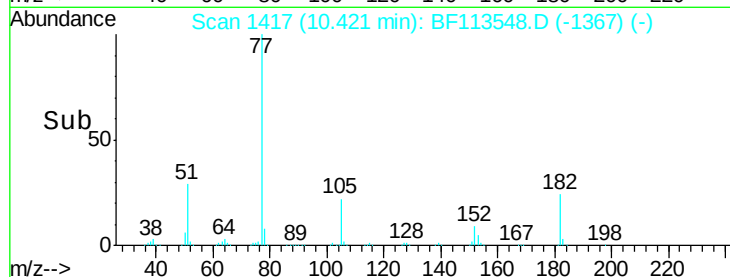
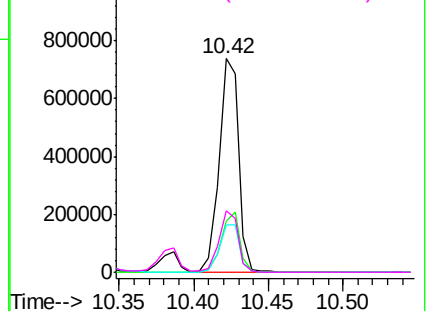


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

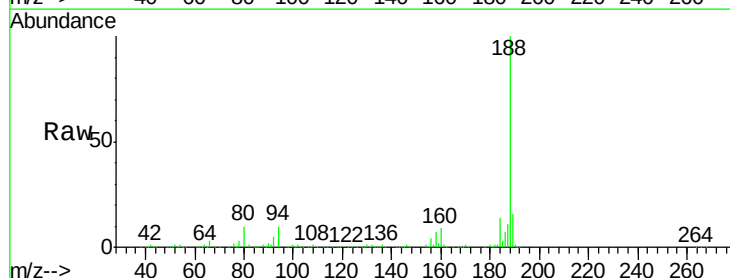
Tgt Ion: 188 Resp: 477694

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.6

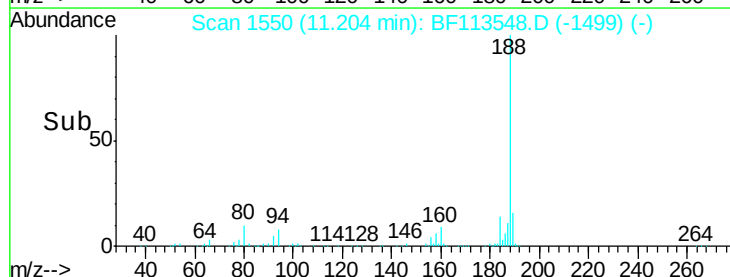
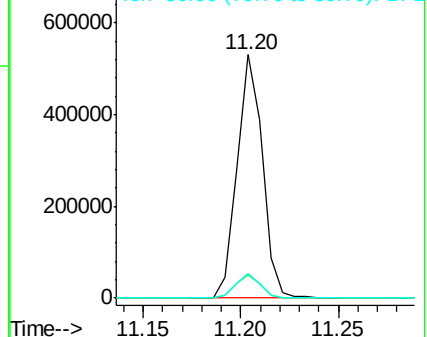
80 10.3 7.7 11.5

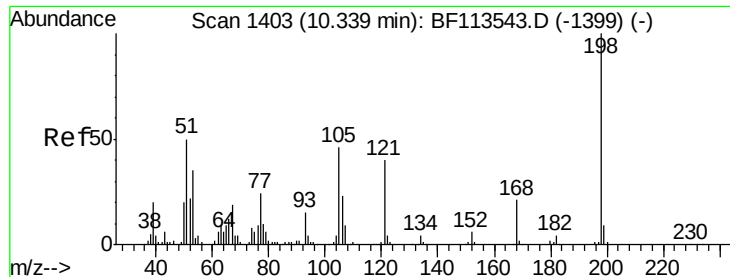


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

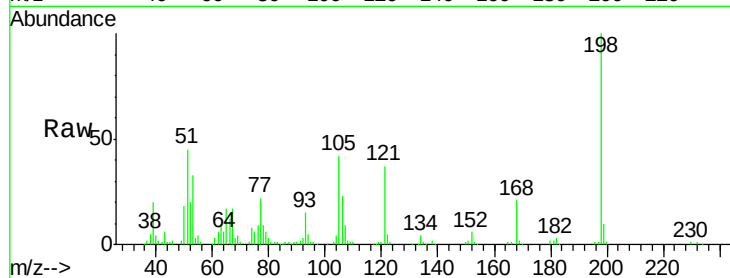




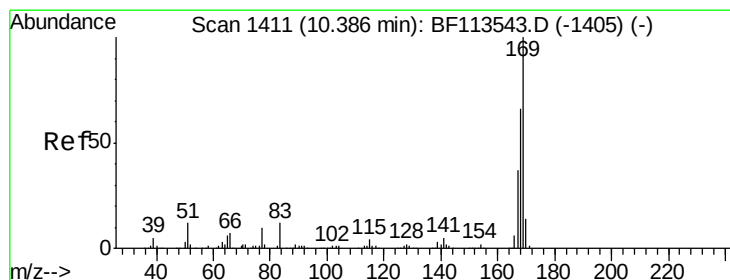
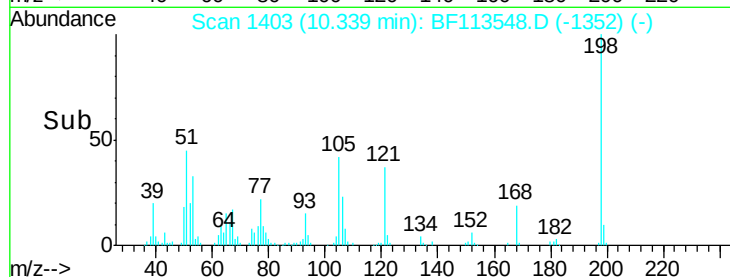
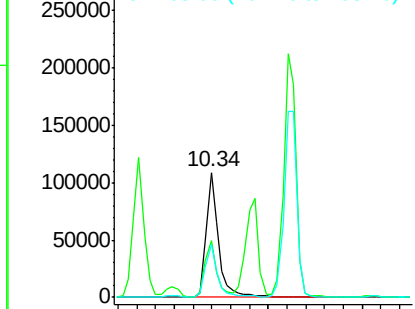
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.042 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040319

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

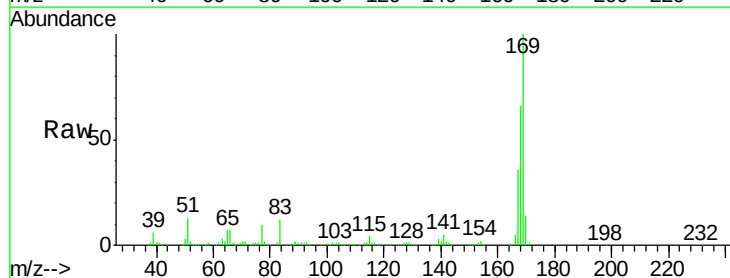


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

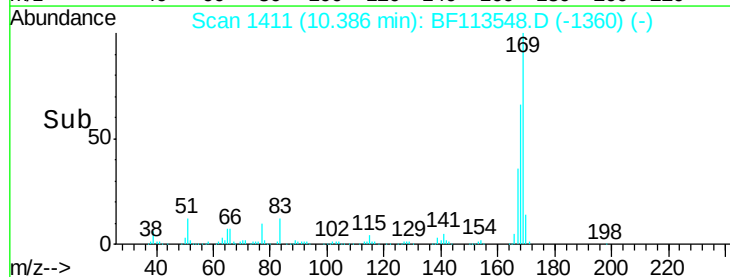
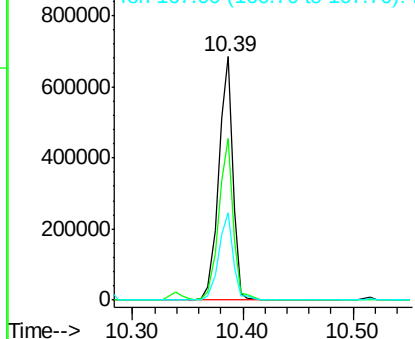


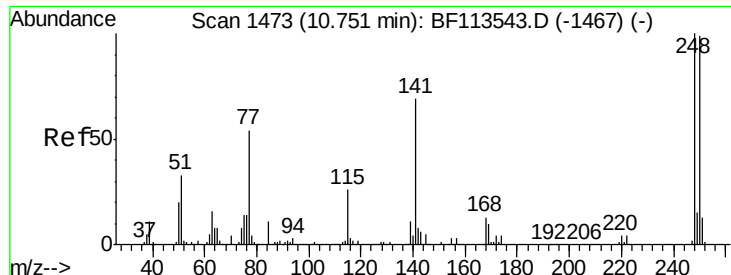
#66
 n-Nitrosodiphenylamine
 Concen: 41.333 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

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



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

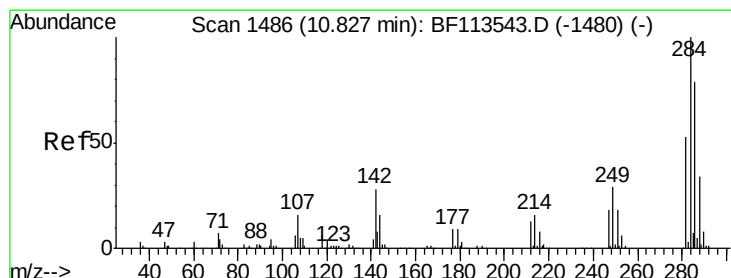
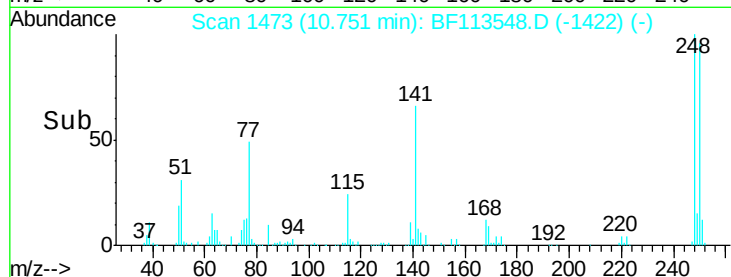
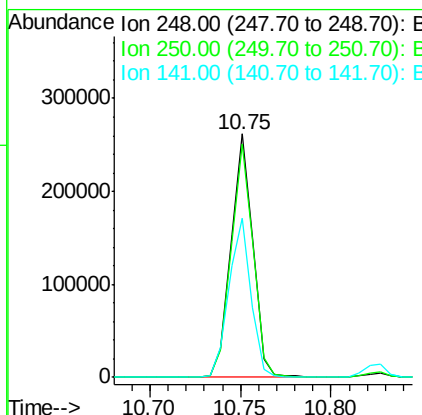
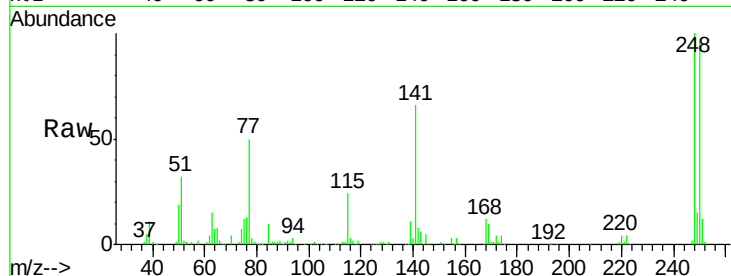




#67
 4-Bromophenyl-phenylether
 Concen: 41.322 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

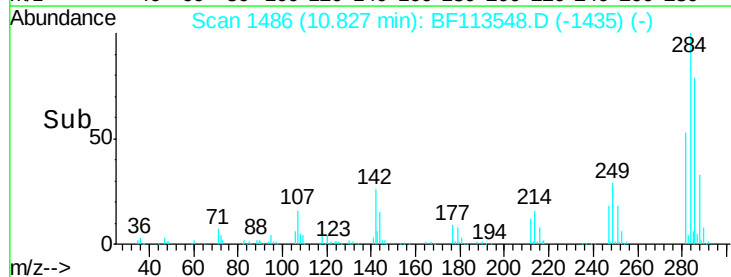
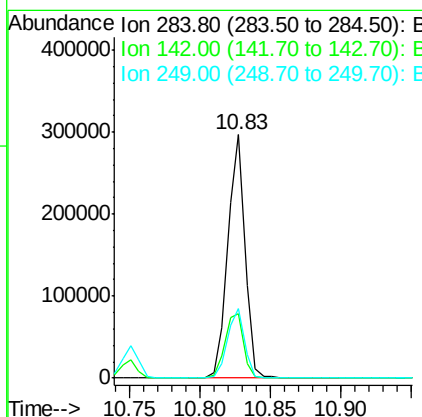
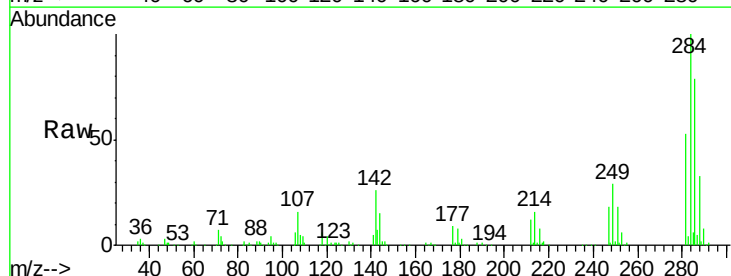
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040319

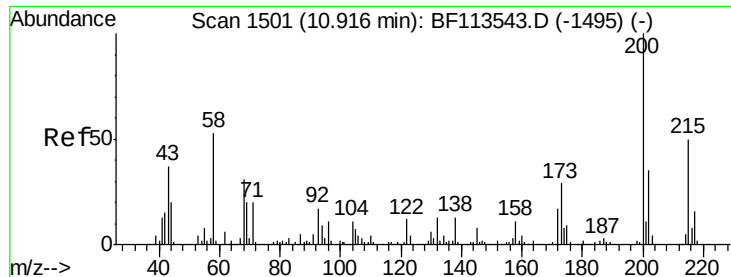
Tgt Ion: 248 Resp: 221386
 Ion Ratio Lower Upper
 248 100
 250 96.1 78.3 117.5
 141 65.6 56.2 84.4



#68
 Hexachlorobenzene
 Concen: 40.873 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. -0.00 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

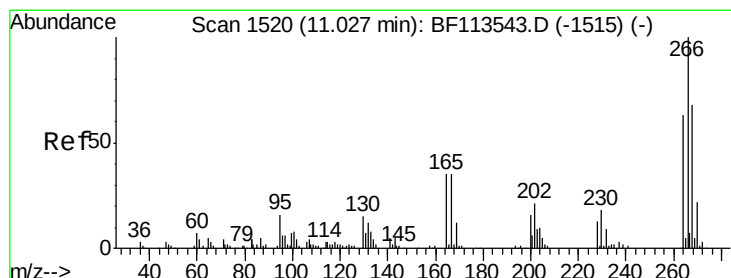
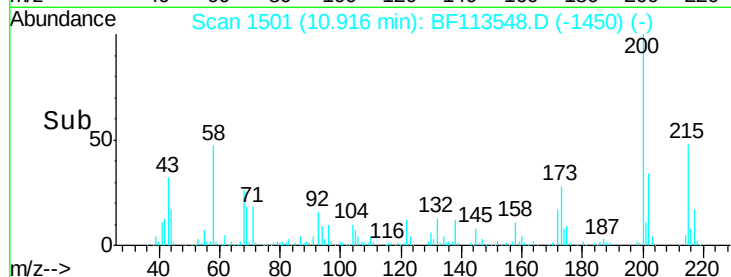
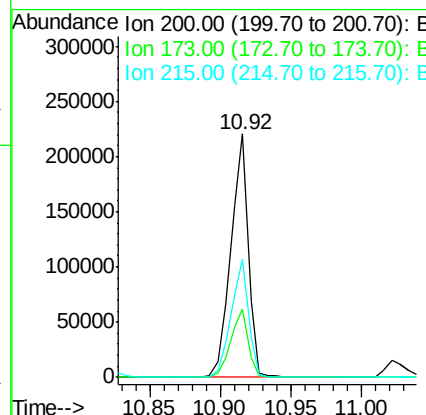
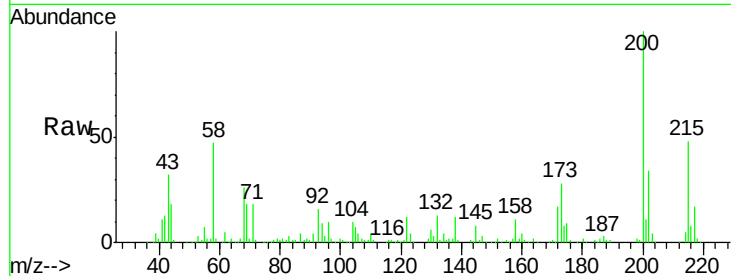




#69
 Atrazine
 Concen: 40.937 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

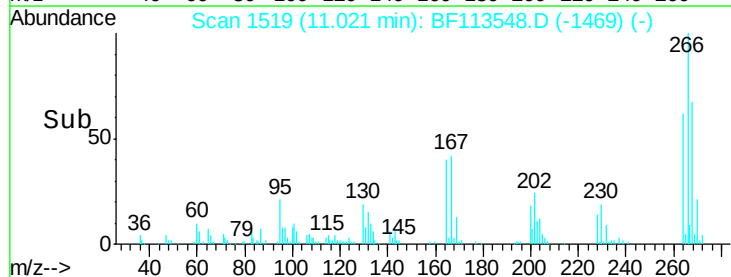
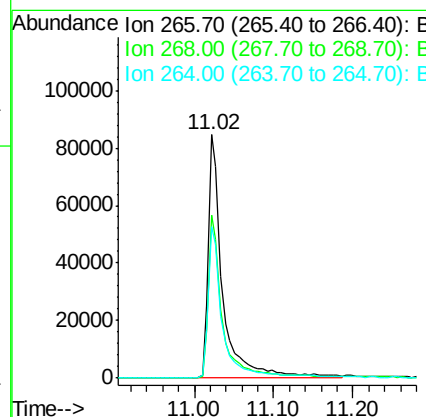
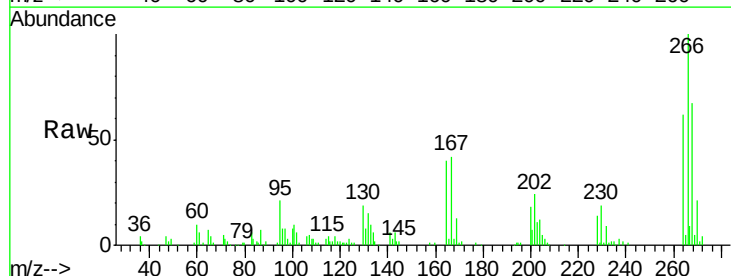
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040319

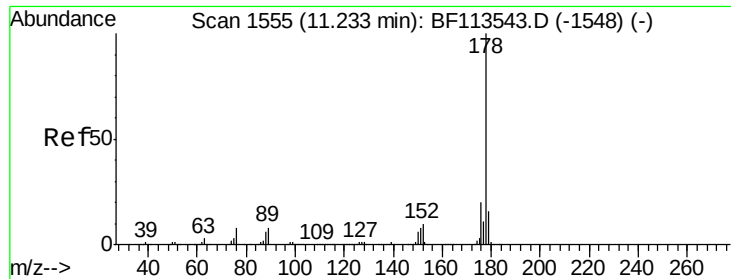
Tgt Ion: 200 Resp: 189221
 Ion Ratio Lower Upper
 200 100
 173 27.9 6.0 46.0
 215 48.4 31.3 71.3



#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: 266 Resp: 110169
 Ion Ratio Lower Upper
 266 100
 268 66.8 53.8 80.6
 264 62.0 49.2 73.8

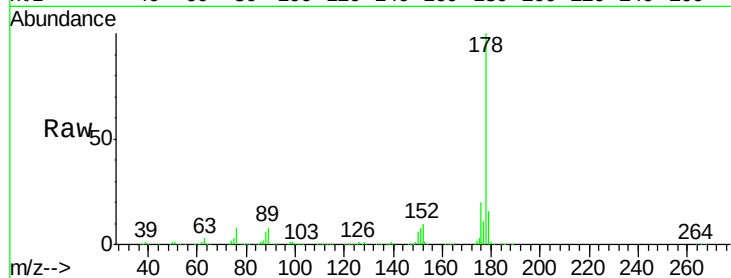




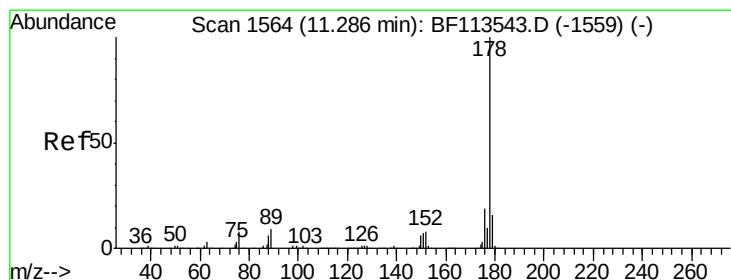
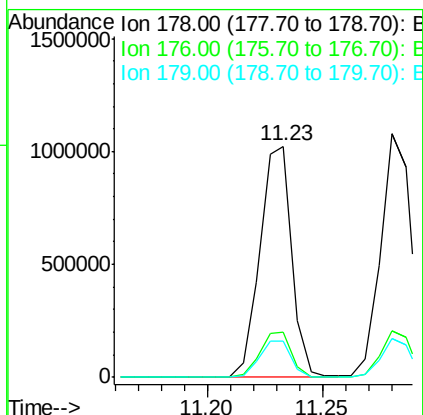
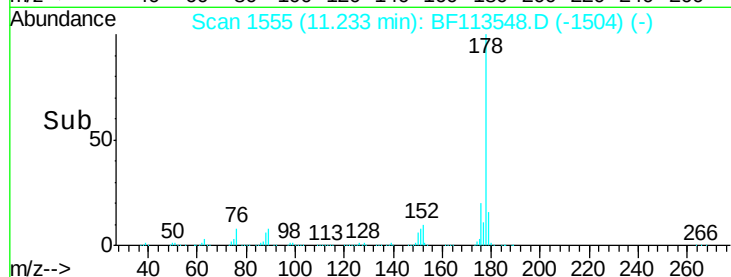
#71
Phenanthrene
Concen: 41.458 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Instrument :
BNA_F
ClientSampleId :
ICVBF040319

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

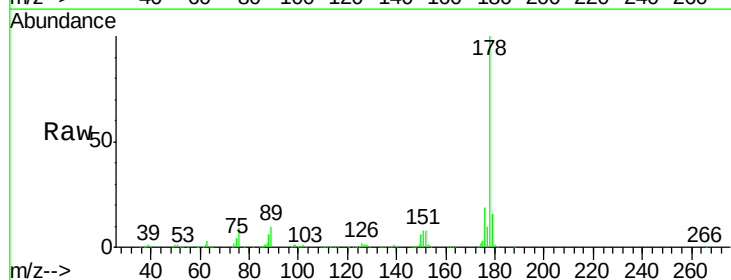


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

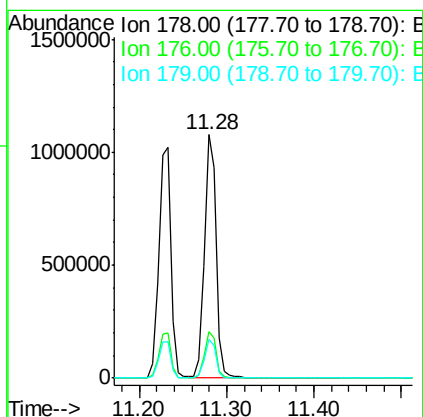
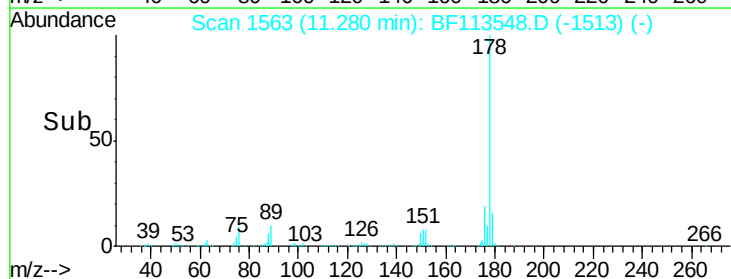


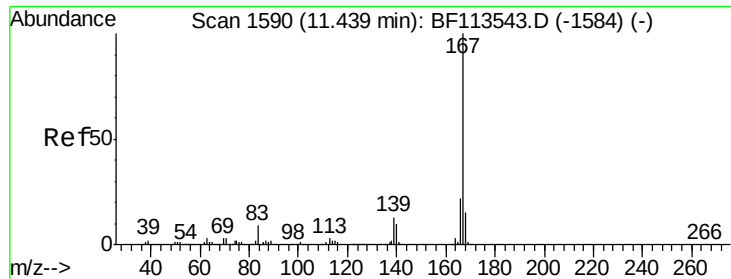
#72
Anthracene
Concen: 41.678 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

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

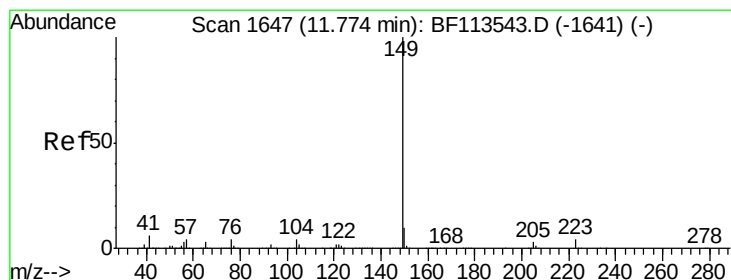
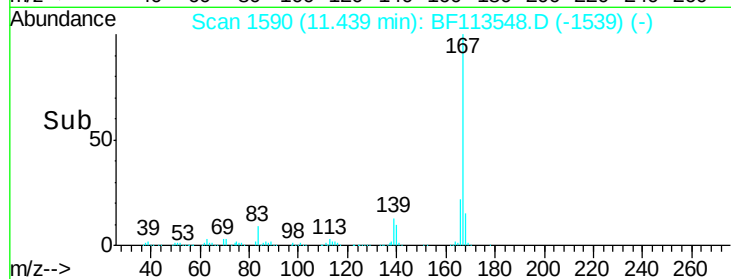
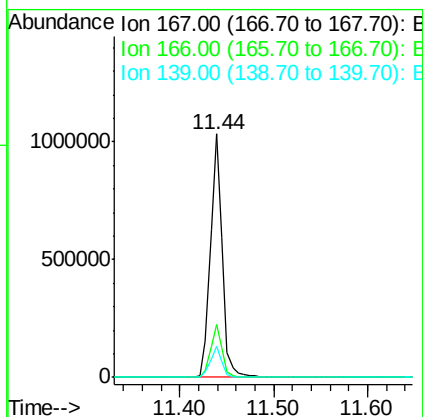
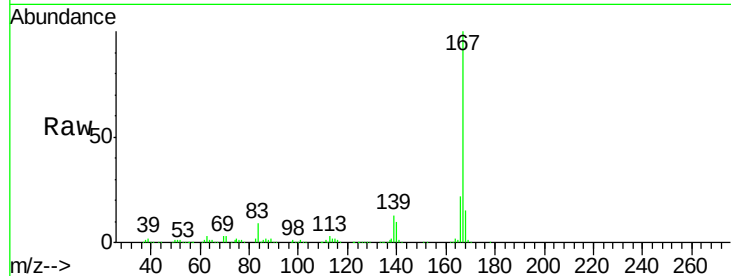




#73
 Carbazole
 Concen: 41.221 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

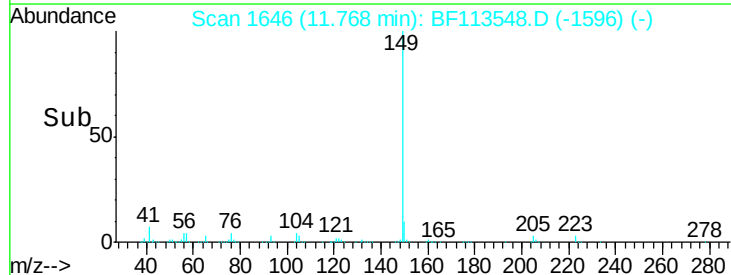
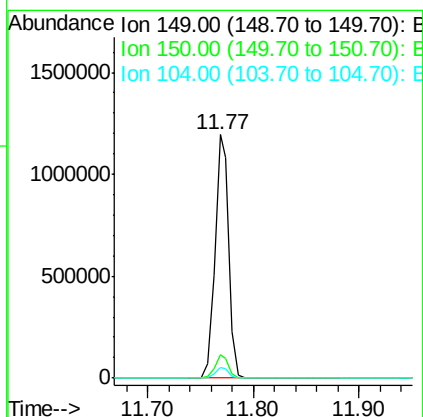
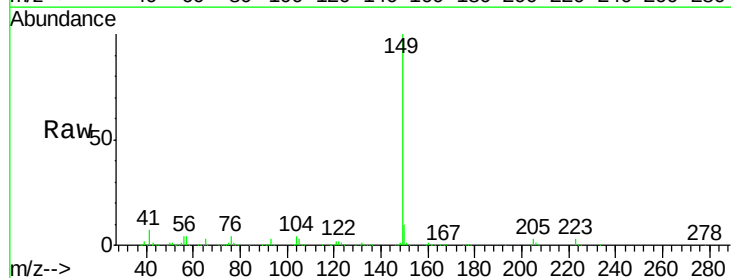
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040319

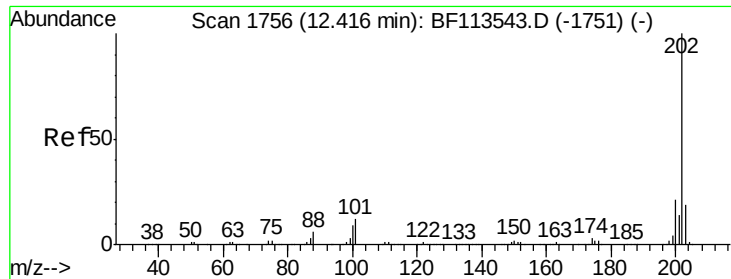
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.6	10.4	15.6



#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

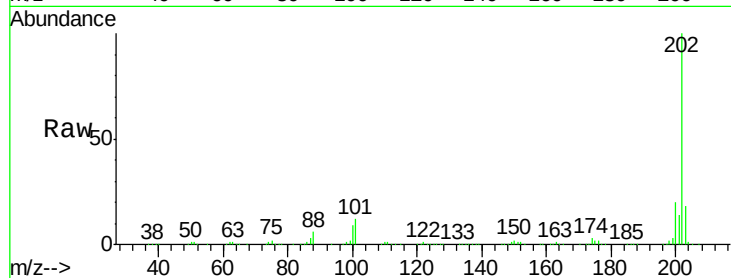




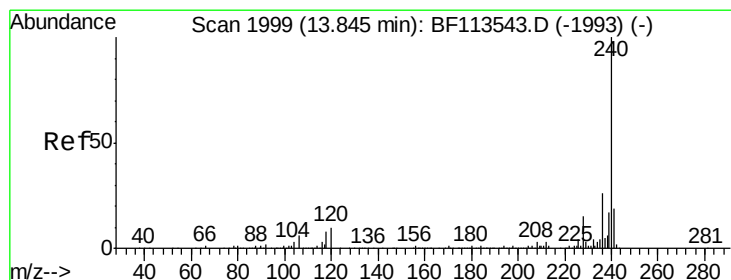
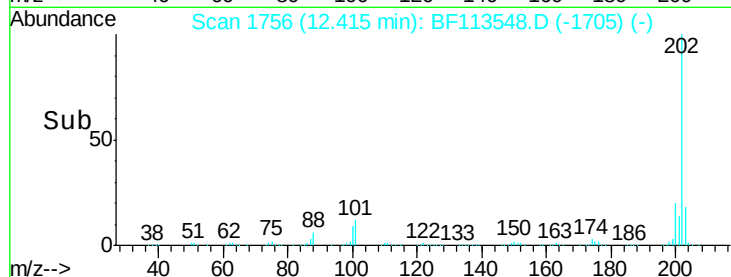
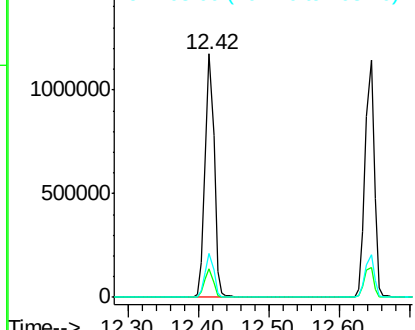
#75
 Fluoranthene
 Concen: 41.523 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040319

Tgt Ion: 202 Resp: 1056174
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 31.4
 203 17.8 0.0 38.0

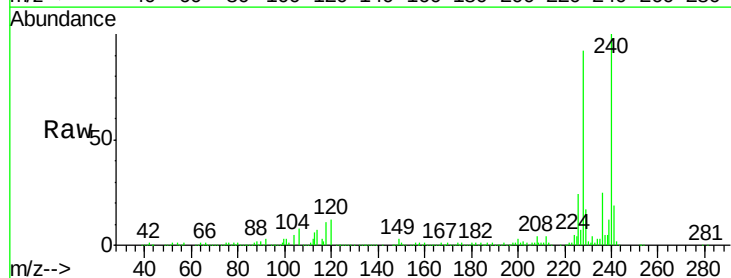


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

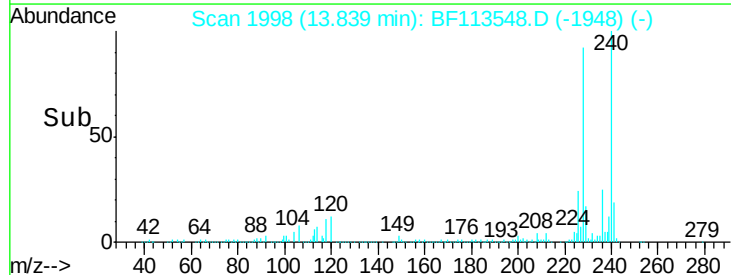
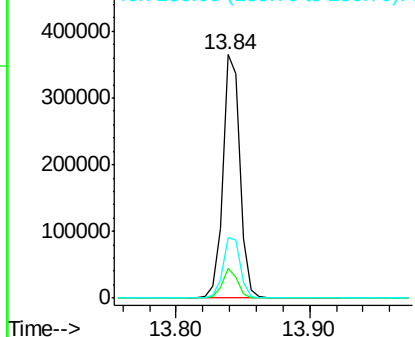


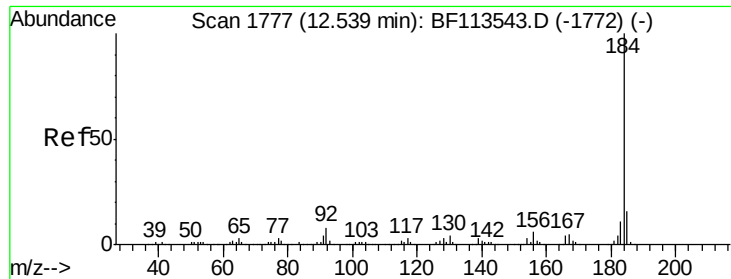
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

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. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

ICVBF040319

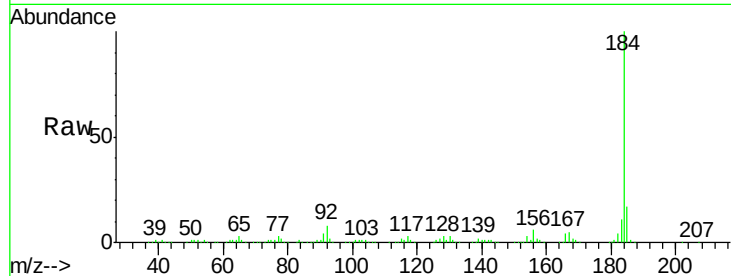
Tgt Ion:184 Resp: 560493

Ion Ratio Lower Upper

184 100

185 17.5 13.0 19.6

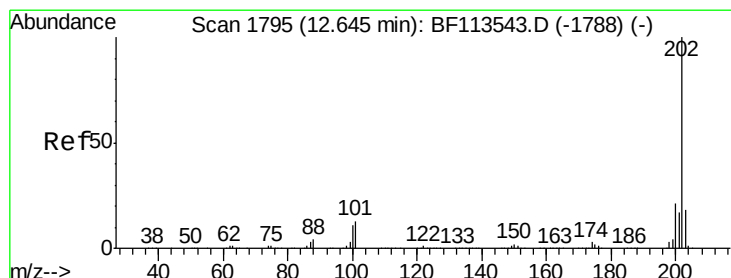
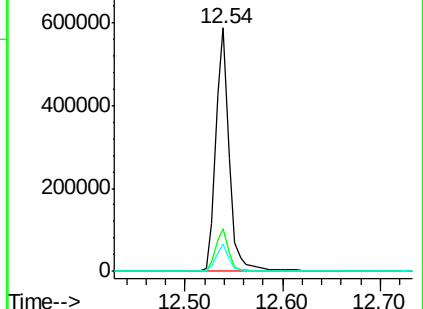
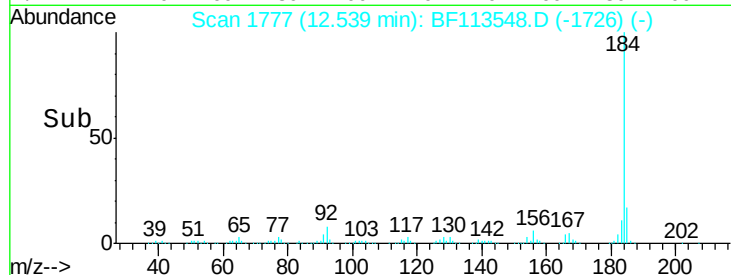
183 11.0 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

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. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

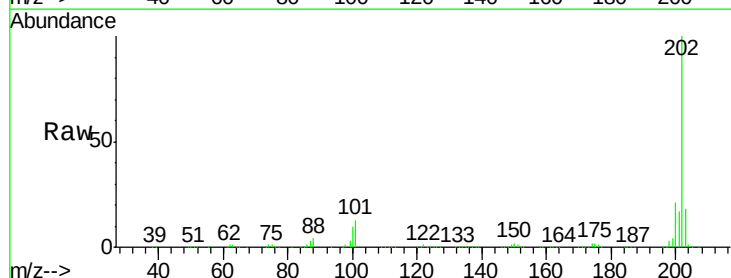
Tgt Ion:202 Resp: 1039044

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

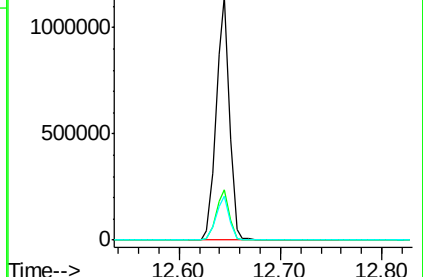
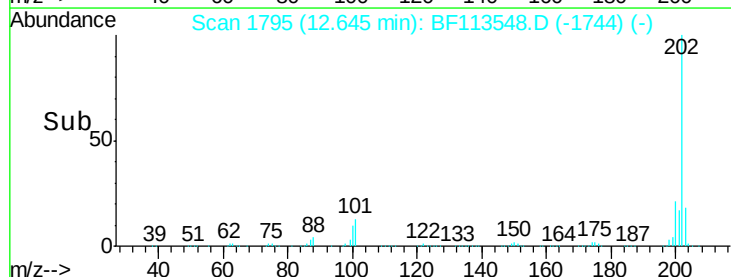
203 17.8 14.4 21.6

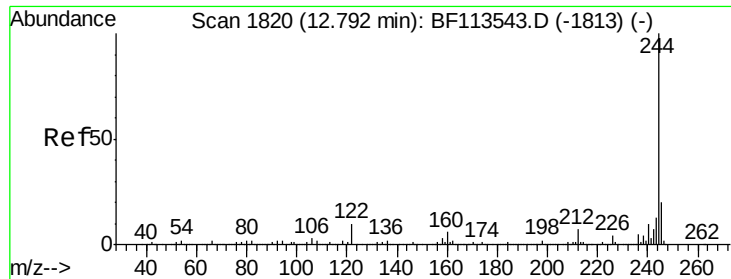


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

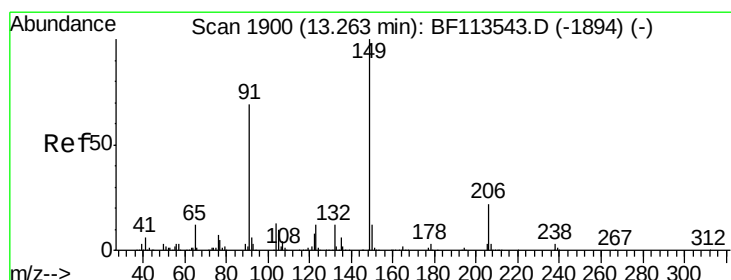
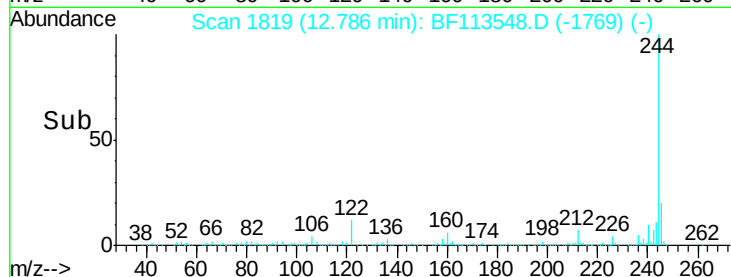
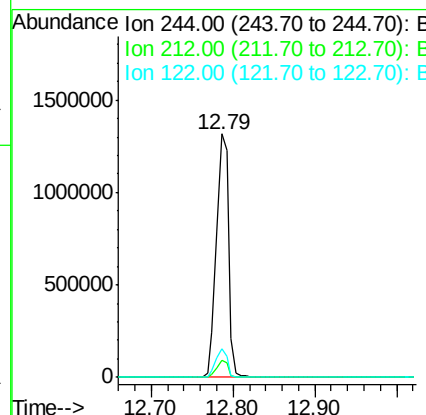
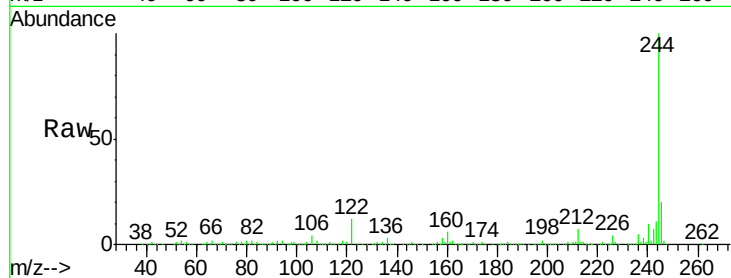




#79
 Terphenyl-d14
 Concen: 84.568 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

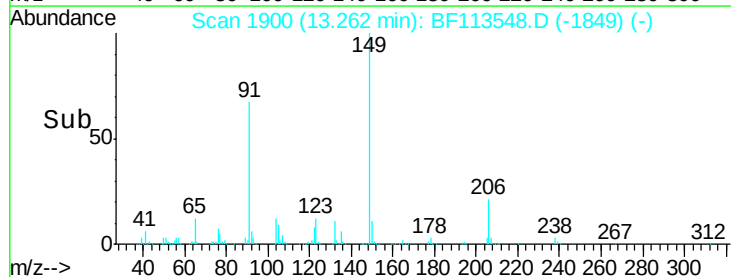
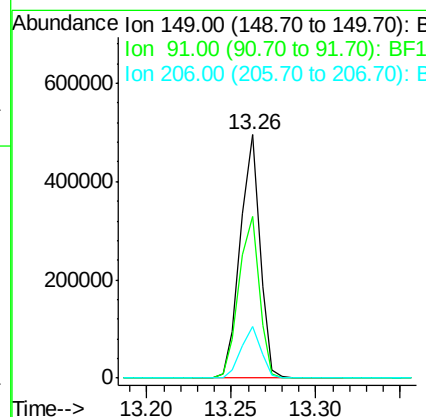
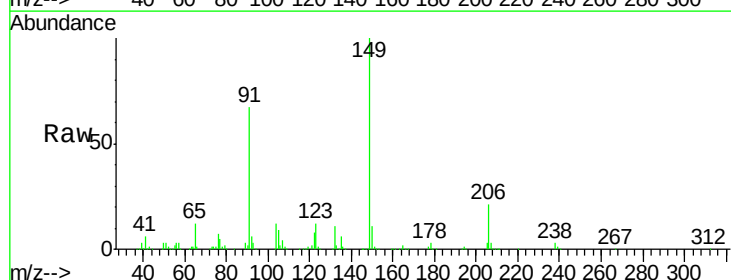
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040319

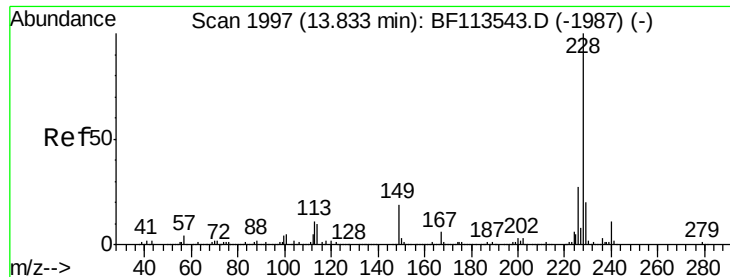
Tgt Ion:244 Resp: 1370584
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.7 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 39.508 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. -0.00 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





#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 :

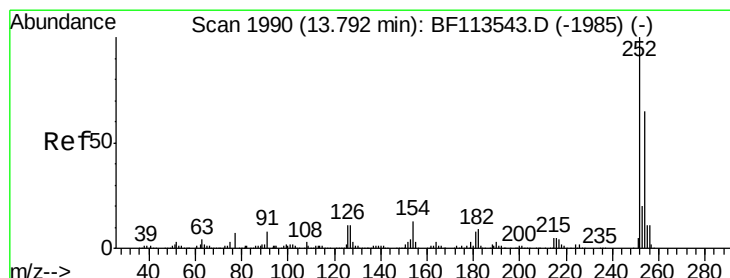
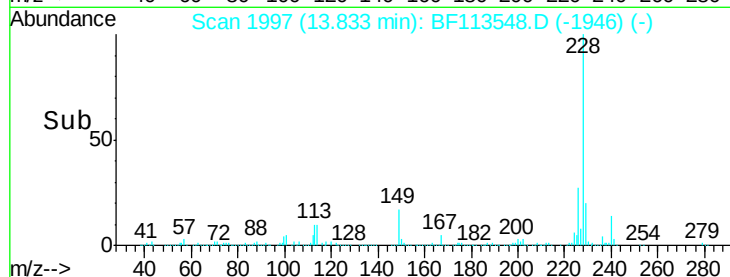
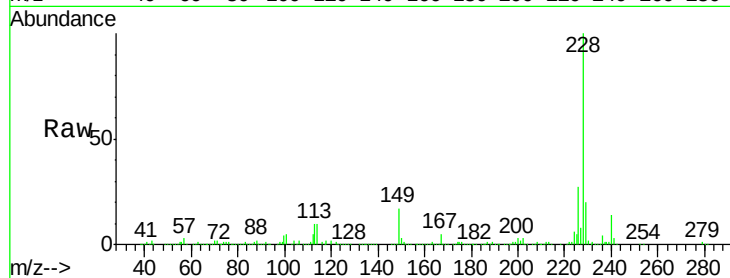
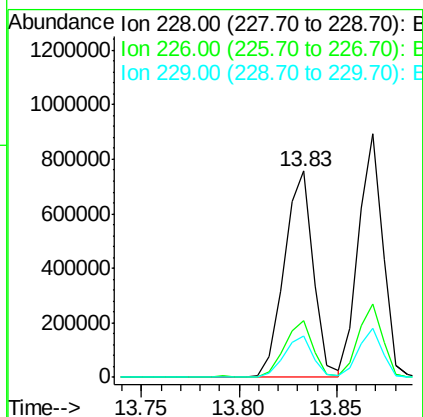
BNA_F

ClientSampleId :

ICVBF040319

Tgt Ion:228 Resp: 776601

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



#82

3,3'-Dichlorobenzidine

Concen: 40.541 ng

RT: 13.79 min Scan# 1990

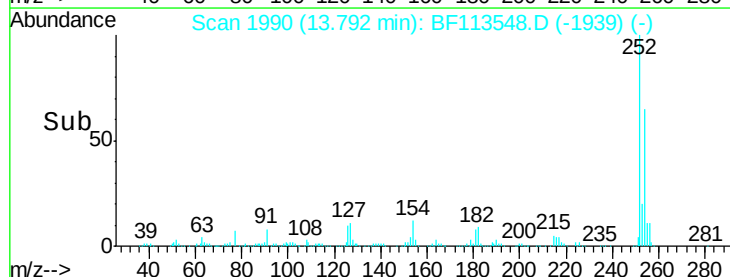
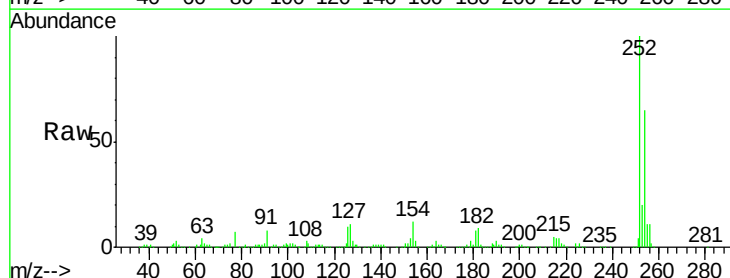
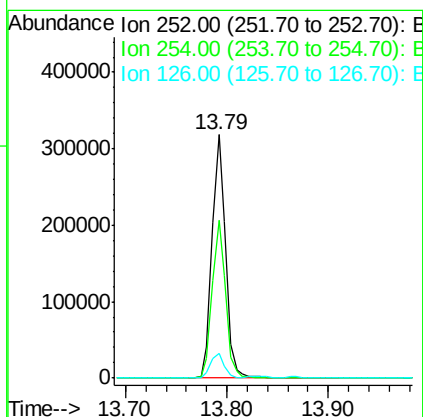
Delta R.T. -0.00 min

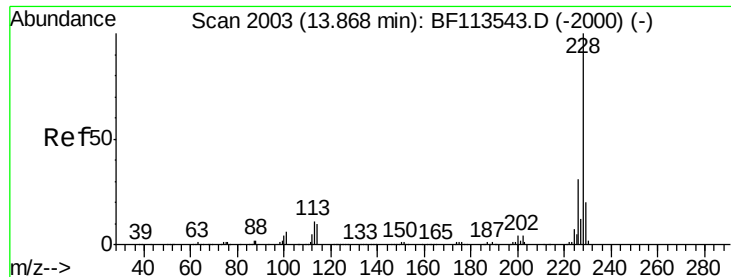
Lab File: BF113548.D

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



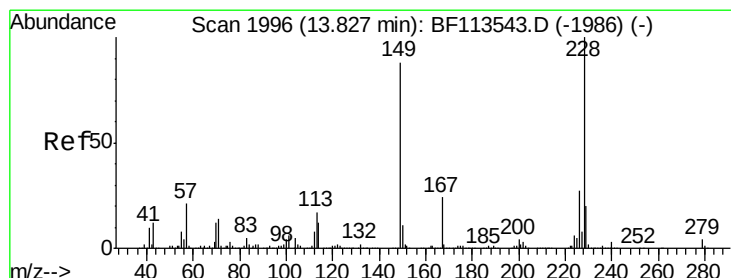
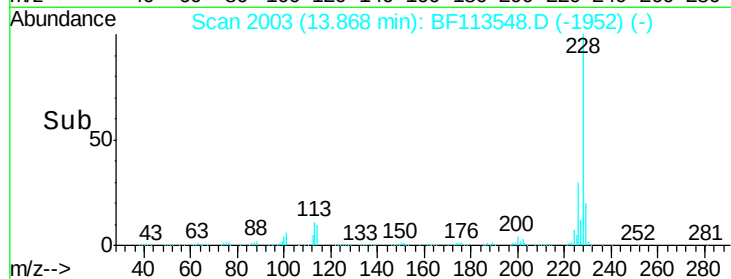
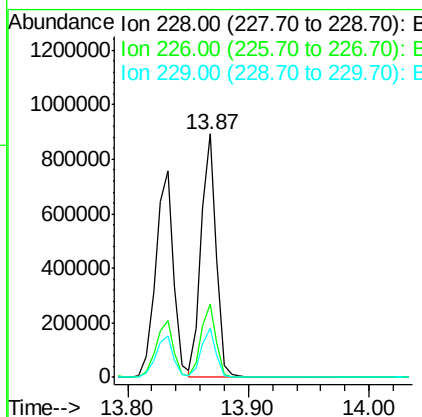
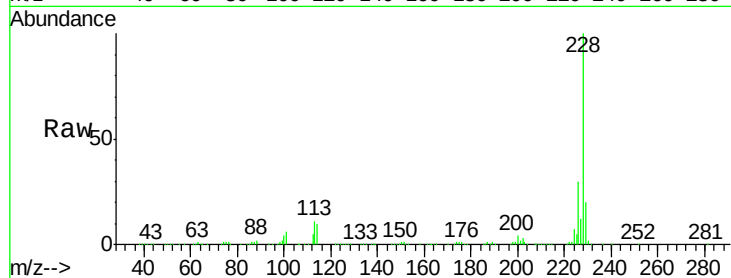


#83
Chrysene
 Concen: 40.270 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040319

Tgt Ion: 228 Resp: 777033

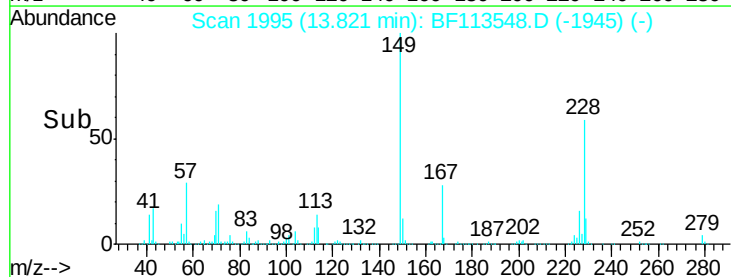
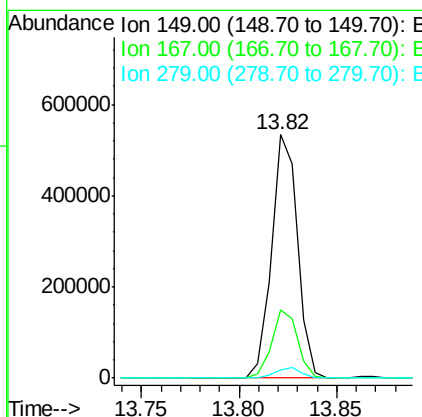
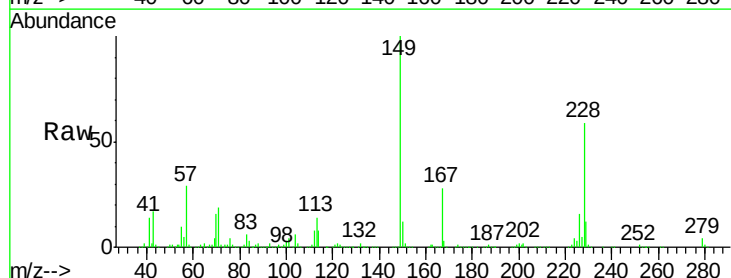
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	20.2	16.3	24.5

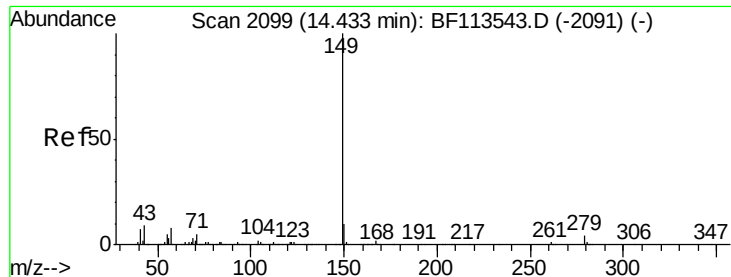


#84
Bis(2-ethylhexyl)phthalate
 Concen: 39.679 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF113548.D
 Acq: 3 Apr 2019 17:10

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





#85

Di-n-octyl phthalate

Concen: 38.801 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

Instrument :

BNA_F

ClientSampleId :

ICVBF040319

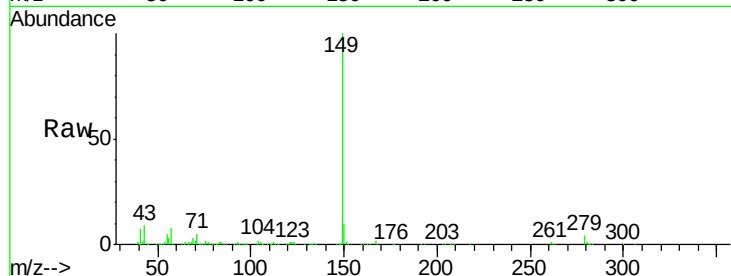
Tgt Ion:149 Resp: 779351

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

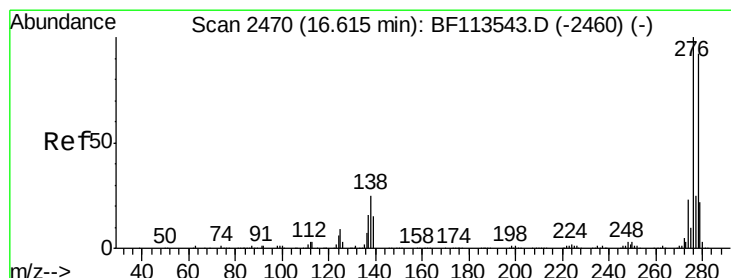
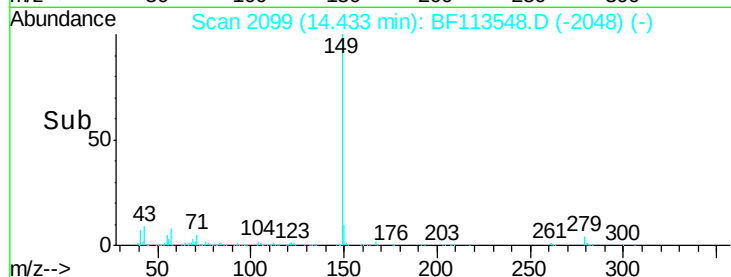
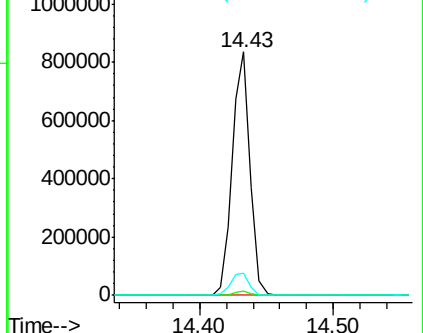
43 9.8 7.7 11.5



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. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

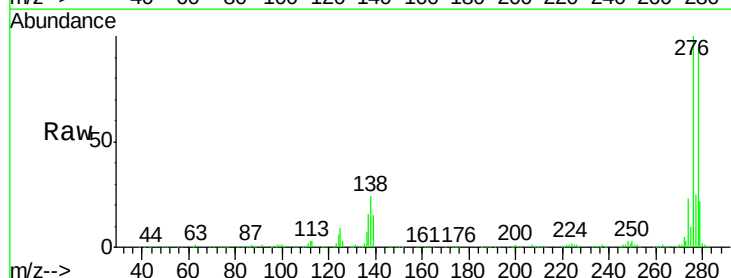
Tgt Ion:276 Resp: 703265

Ion Ratio Lower Upper

276 100

138 24.2 18.1 27.1

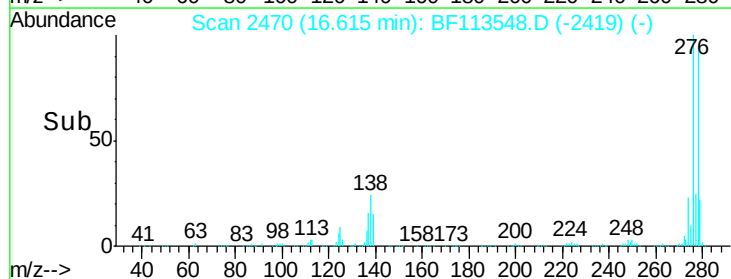
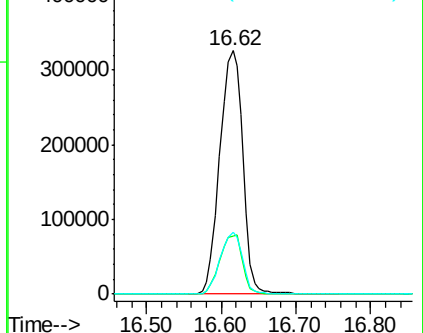
277 24.8 20.2 30.4

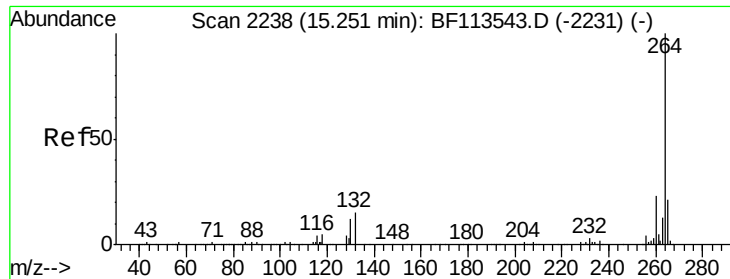


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



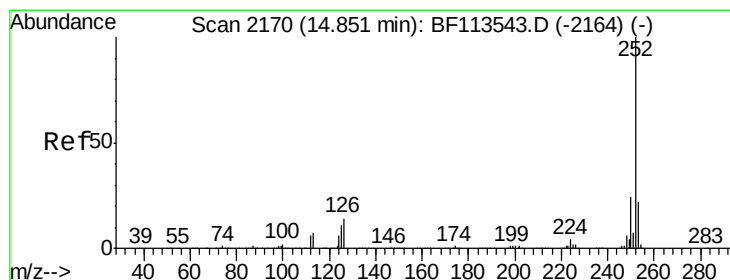
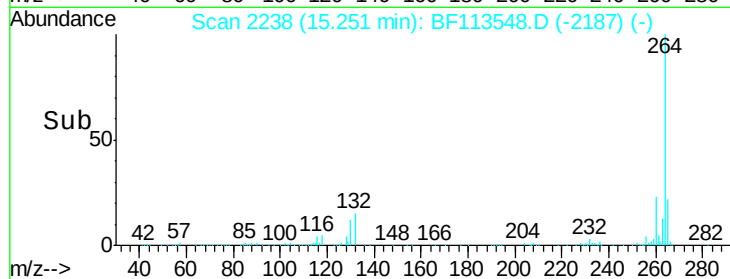
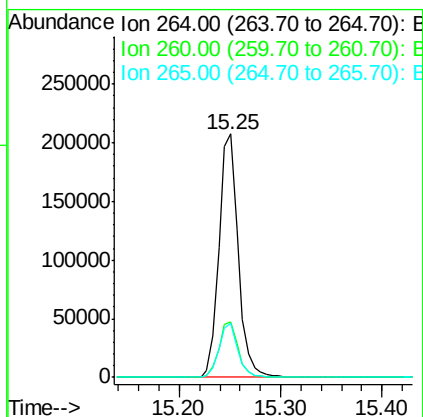
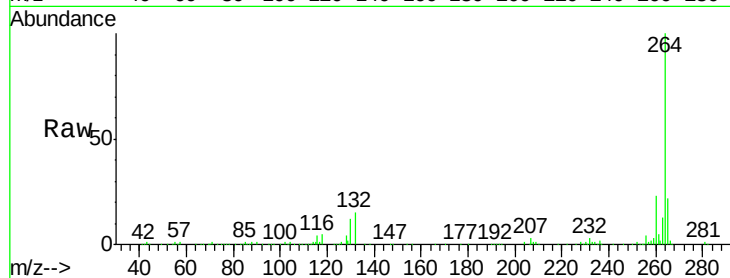


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Instrument :
BNA_F
ClientSampleId :
ICVBF040319

Tgt Ion: 264 Resp: 272964

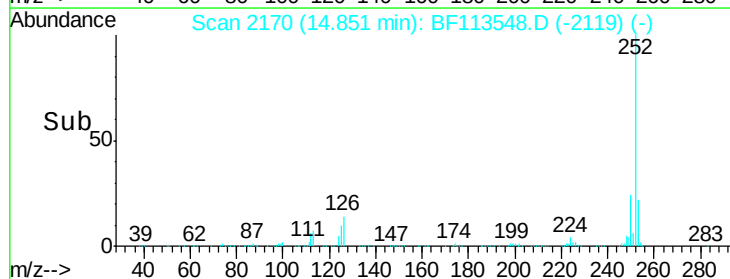
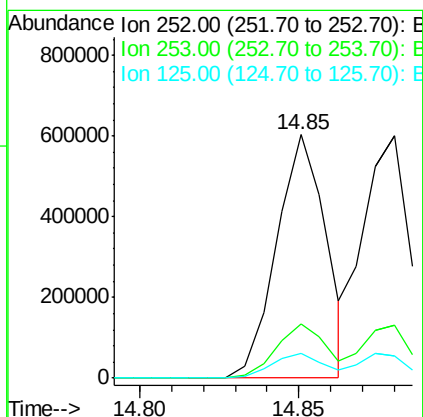
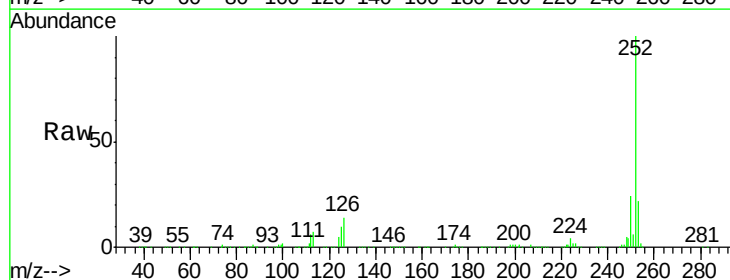
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.1	28.7
265	22.0	17.1	25.7

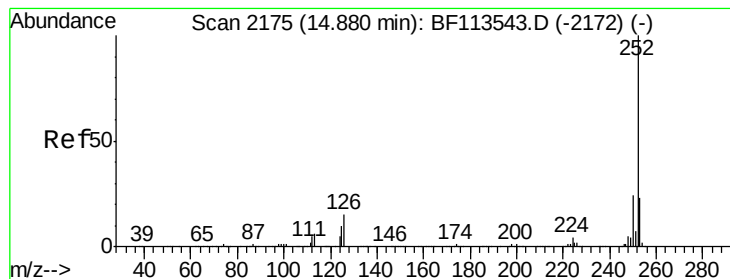


#88
Benzo(b)fluoranthene
Concen: 39.254 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

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





#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 :

ICVBF040319

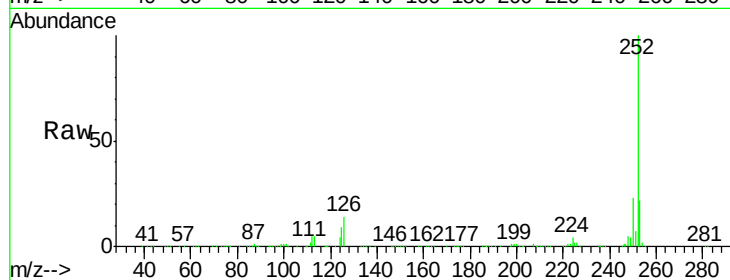
Tgt Ion:252 Resp: 633320

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

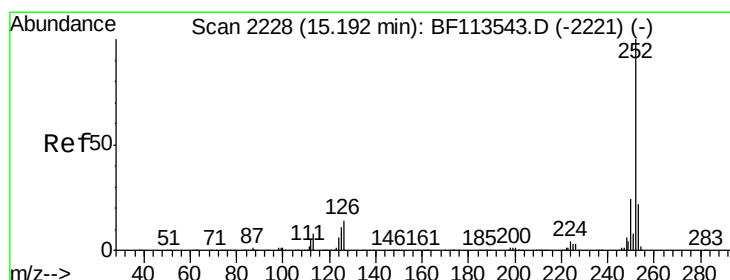
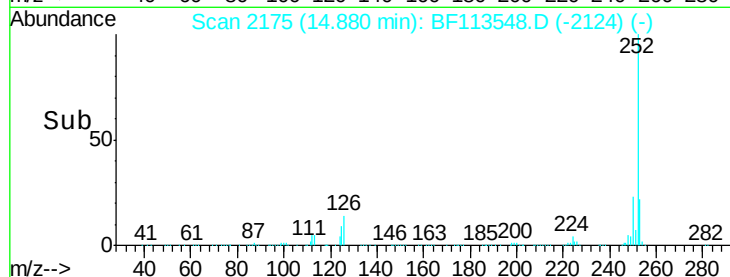
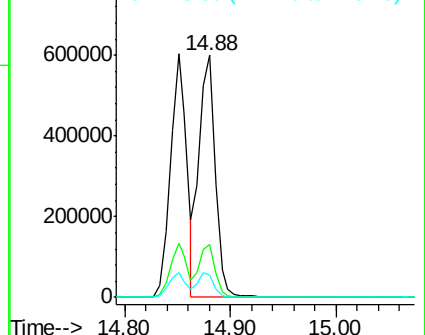
125 9.2 7.3 10.9



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. -0.00 min

Lab File: BF113548.D

Acq: 3 Apr 2019 17:10

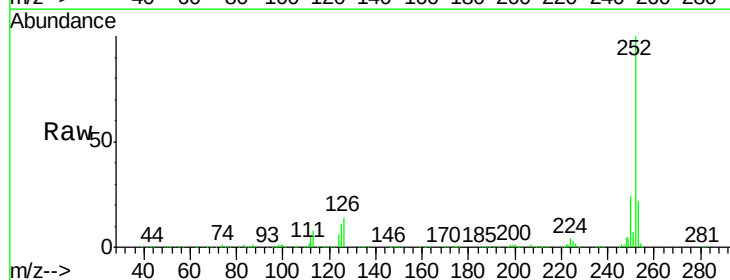
Tgt Ion:252 Resp: 602822

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

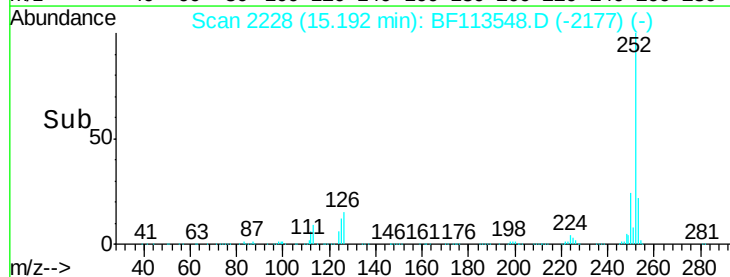
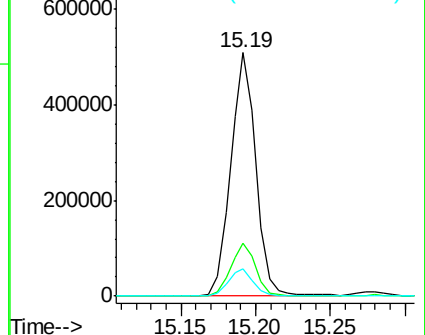
125 11.0 8.8 13.2

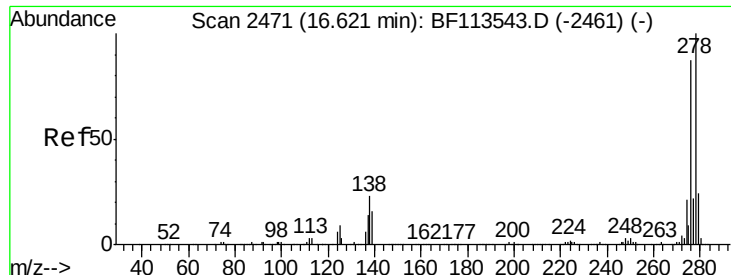


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



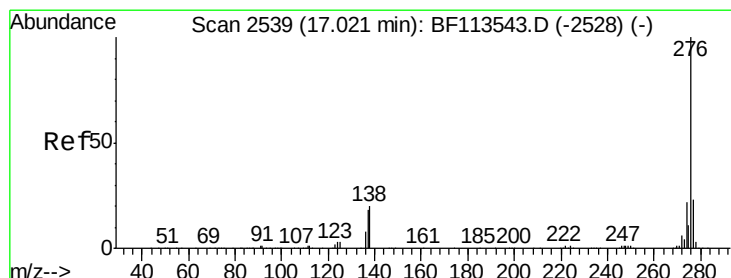
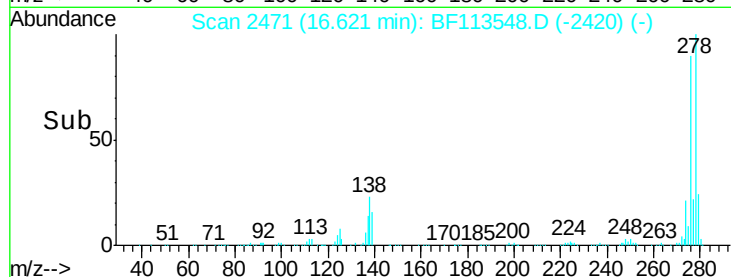
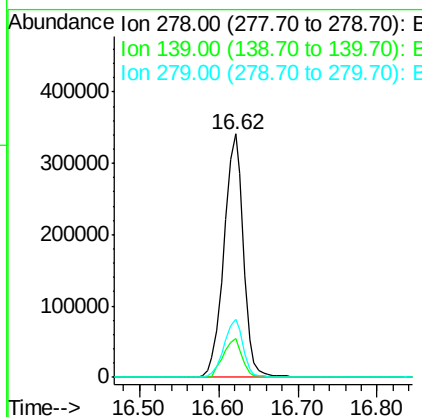
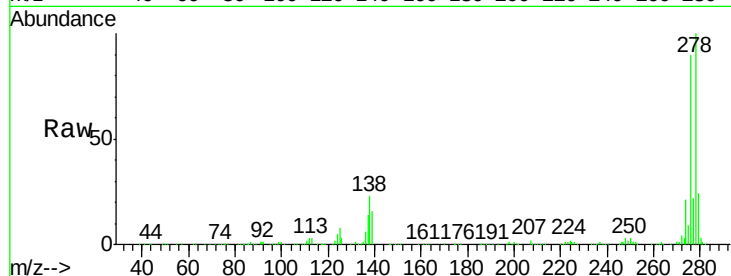


#91
Dibenzo(a,h)anthracene
Concen: 41.869 ng
RT: 16.62 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Instrument :
BNA_F
ClientSampleId :
ICVBF040319

Tgt Ion: 278 Resp: 581337

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



#92
Benzo(g,h,i)perylene
Concen: 42.015 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BF113548.D
Acq: 3 Apr 2019 17:10

Tgt Ion: 276 Resp: 595423

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	20.7	15.6	23.4

