

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
 Data File : BF113581.D
 Acq On : 4 Apr 2019 14:08
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 03:50:28 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	6.68	152	161114	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	652224	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	336005	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	681984	20.00	ng	0.00
76) Chrysene-d12	13.83	240	512590	20.00	ng	-0.02
87) Perylene-d12	15.22	264	415010	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	760370	80.48	ng	0.00
7) Phenol-d6	6.34	99	961668	82.58	ng	0.00
23) Nitrobenzene-d5	7.26	82	908289	81.57	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	330894	81.98	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1659681	79.52	ng	0.00
79) Terphenyl-d14	12.77	244	1911719	75.93	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.33	88	172597	38.570	ng	99
3) Pyridine	3.03	79	455990	38.937	ng	98
4) n-Nitrosodimethylamine	2.99	42	206157	41.432	ng	92
6) Aniline	6.35	93	602924	42.715	ng	90
8) 2-Chlorophenol	6.47	128	448703	41.047	ng	96
9) Benzaldehyde	6.23	77	284954	41.154	ng	98
10) Phenol	6.35	94	545246	40.997	ng	95
11) bis(2-Chloroethyl)ether	6.42	93	428680	41.436	ng	99
12) 1,3-Dichlorobenzene	6.62	146	479123	40.699	ng	99
13) 1,4-Dichlorobenzene	6.70	146	483294	40.626	ng	99
14) 1,2-Dichlorobenzene	6.86	146	442545	41.213	ng	97
15) Benzyl Alcohol	6.84	79	340903	43.296	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	663190	41.183	ng	97
17) 2-Methylphenol	6.96	107	350444	41.367	ng	97
18) Hexachloroethane	7.19	117	174909	40.394	ng	99
19) n-Nitroso-di-n-propylamine	7.11	70	300751	41.883	ng	100
20) 3+4-Methylphenols	7.11	107	433944	42.276	ng	96
22) Acetophenone	7.10	105	578747	40.401	ng	99
24) Nitrobenzene	7.27	77	467562	40.775	ng	100
25) Isophorone	7.52	82	895856	41.765	ng	99
26) 2-Nitrophenol	7.59	139	258491	41.884	ng	98
27) 2,4-Dimethylphenol	7.63	122	352655	39.970	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	556722	41.053	ng	99
29) 2,4-Dichlorophenol	7.83	162	392950	41.626	ng	98
30) 1,2,4-Trichlorobenzene	7.91	180	417961	40.771	ng	99
31) Naphthalene	7.99	128	1281256	40.544	ng	99
32) Benzoic acid	7.80	122	294077	43.044	ng	99
33) 4-Chloroaniline	8.05	127	536522	42.817	ng	98
34) Hexachlorobutadiene	8.11	225	251855	40.297	ng	98
35) Caprolactam	8.43	113	138204	46.120	ng	99
36) 4-Chloro-3-methylphenol	8.54	107	407836	43.037	ng	99
37) 2-Methylnaphthalene	8.68	142	856061	41.188	ng	100
38) 1-Methylnaphthalene	8.78	142	826175	41.223	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	423651	38.986	ng	99

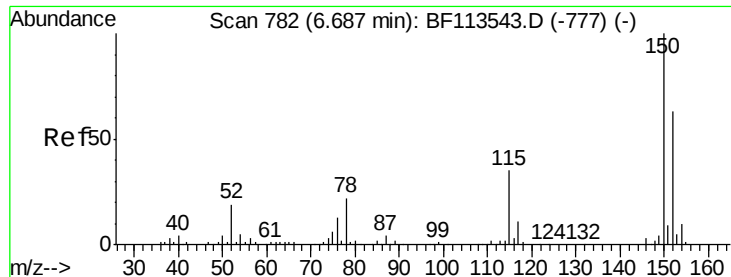
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
 Data File : BF113581.D
 Acq On : 4 Apr 2019 14:08
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 03:50:28 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)
41) Hexachlorocyclopentadiene	8.83	237	115363	38.640	ng	100
43) 2,4,6-Trichlorophenol	8.96	196	275347	40.142	ng	98
44) 2,4,5-Trichlorophenol	9.02	196	298281	40.505	ng	96
46) 1,1'-Biphenyl	9.15	154	1080113	38.956	ng	100
47) 2-Chloronaphthalene	9.17	162	824527	39.276	ng	99
48) 2-Nitroaniline	9.27	65	268299	41.767	ng	99
49) Acenaphthylene	9.58	152	1333319	39.058	ng	99
50) Dimethylphthalate	9.45	163	1017548	41.083	ng	100
51) 2,6-Dinitrotoluene	9.52	165	226707	41.525	ng	93
52) Acenaphthene	9.75	154	777368	39.782	ng	100
53) 3-Nitroaniline	9.68	138	263158	42.395	ng	91
54) 2,4-Dinitrophenol	9.80	184	108332	42.413	ng	94
55) Dibenzofuran	9.92	168	1133956	39.560	ng	99
56) 4-Nitrophenol	9.86	139	166712	43.296	ng	90
57) 2,4-Dinitrotoluene	9.92	165	272629	41.289	ng	# 86
58) Fluorene	10.26	166	903765	39.864	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	262834	41.233	ng	98
60) Diethylphthalate	10.15	149	976916	40.910	ng	98
61) 4-Chlorophenyl-phenylether	10.26	204	451507	40.489	ng	93
62) 4-Nitroaniline	10.30	138	271152	42.958	ng	98
63) Azobenzene	10.42	77	917402	40.574	ng	98
65) 4,6-Dinitro-2-methylphenol	10.34	198	154173	42.941	ng	92
66) n-Nitrosodiphenylamine	10.38	169	828631	39.578	ng	100
67) 4-Bromophenyl-phenylether	10.74	248	307214	40.165	ng	100
68) Hexachlorobenzene	10.82	284	354289	40.425	ng	# 94
69) Atrazine	10.91	200	262115	39.720	ng	98
70) Pentachlorophenol	11.02	266	172098	41.673	ng	99
71) Phenanthrene	11.22	178	1340362	39.552	ng	99
72) Anthracene	11.27	178	1381047	40.055	ng	99
73) Carbazole	11.43	167	1328980	41.212	ng	99
74) Di-n-butylphthalate	11.76	149	1560221	40.672	ng	100
75) Fluoranthene	12.40	202	1495984	41.196	ng	99
77) Benzidine	12.53	184	855551	44.884	ng	99
78) Pyrene	12.63	202	1506167	38.617	ng	99
80) Butylbenzylphthalate	13.24	149	653361	41.153	ng	100
81) Benzo(a)anthracene	13.82	228	1200556	40.602	ng	100
82) 3,3'-Dichlorobenzidine	13.78	252	487431	42.798	ng	99
83) Chrysene	13.86	228	1202411	40.114	ng	100
84) Bis(2-ethylhexyl)phthalate	13.80	149	822576	42.853	ng	98
85) Di-n-octyl phthalate	14.42	149	1327433	42.544	ng	100
86) Indeno(1,2,3-cd)pyrene	16.59	276	920194	33.250	ng	99
88) Benzo(b)fluoranthene	14.83	252	1044464	41.115	ng	99
89) Benzo(k)fluoranthene	14.86	252	963364	42.254	ng	100
90) Benzo(a)pyrene	15.17	252	924803	40.968	ng	99
91) Dibenzo(a,h)anthracene	16.59	278	765599	36.267	ng	99
92) Benzo(g,h,i)perylene	16.99	276	762452	35.386	ng	99

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

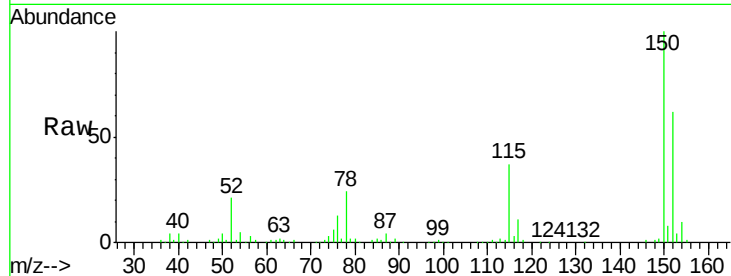


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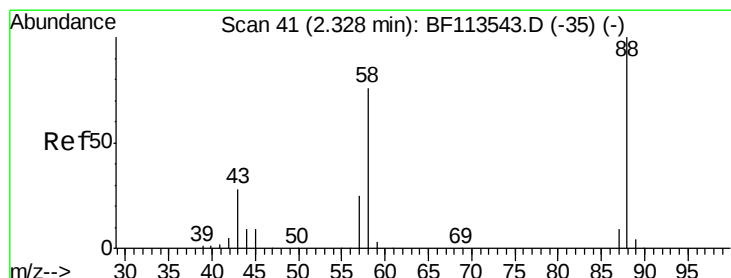
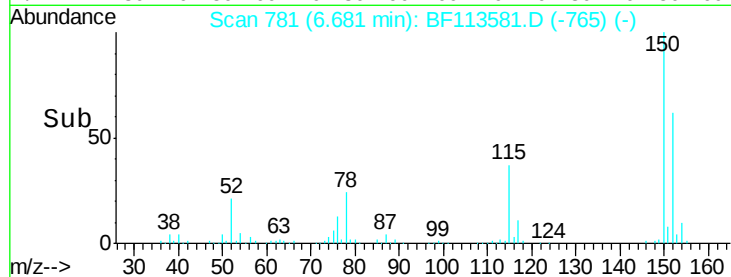
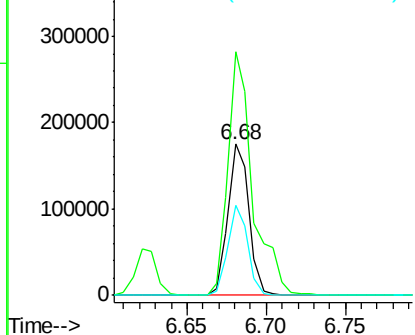
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 161114
Ion Ratio Lower Upper
152 100
150 161.0 124.7 187.1
115 59.3 46.0 69.0



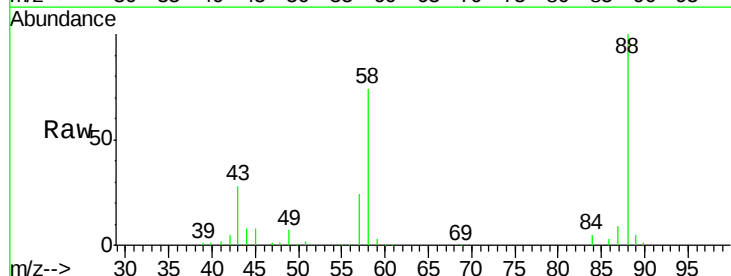
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



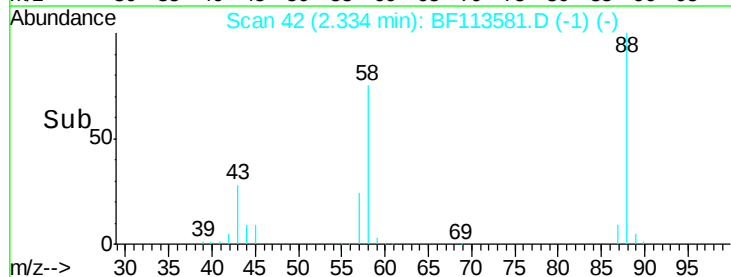
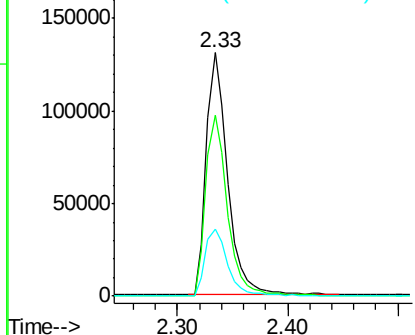
#2

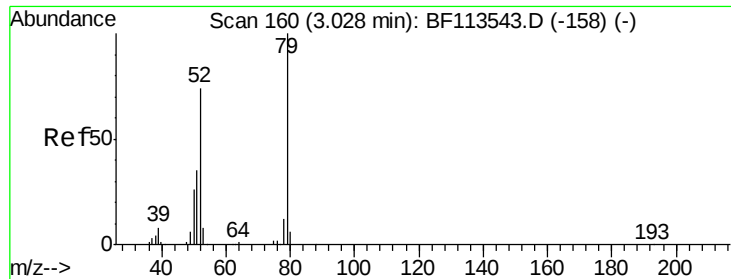
1,4-Dioxane
Concen: 38.570 ng
RT: 2.33 min Scan# 42
Delta R.T. 0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion: 88 Resp: 172597
Ion Ratio Lower Upper
88 100
58 76.4 61.9 92.9
43 29.8 24.2 36.4



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





#3

Pvridine

Concen: 38.937 ng

RT: 3.03 min Scan# 160

Delta R.T. -0.00 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

Instrument :

BNA_F

ClientSampled :

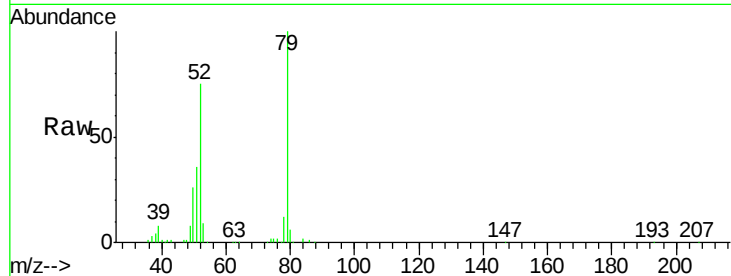
Tot Ion: 79 Resp: 455990

Ion Ratio Lower Upper

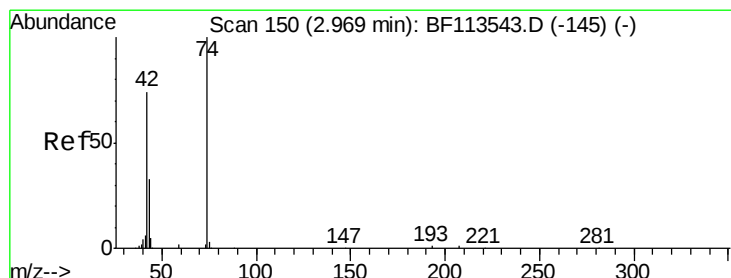
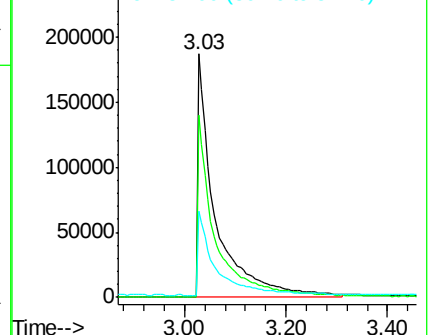
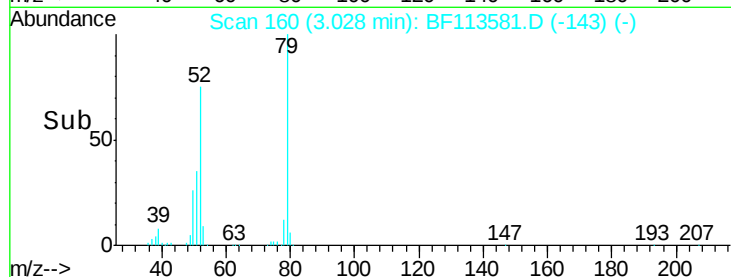
79 100

52 74.9 61.0 91.4

51 35.6 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: 41.432 ng

RT: 2.99 min Scan# 153

Delta R.T. 0.02 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

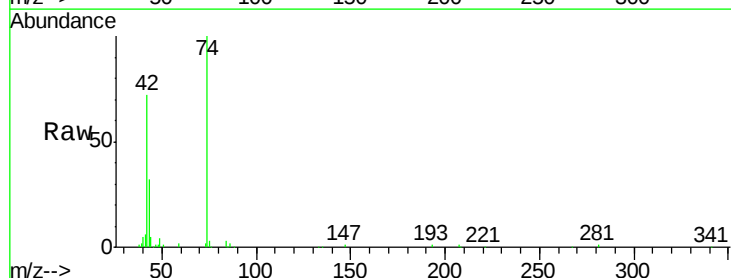
Tgt Ion: 42 Resp: 206157

Ion Ratio Lower Upper

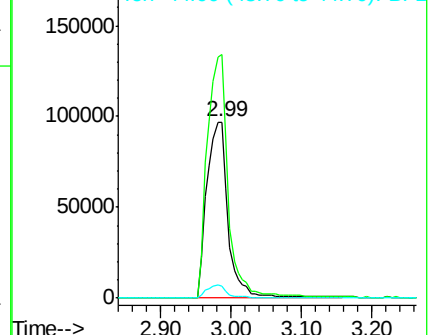
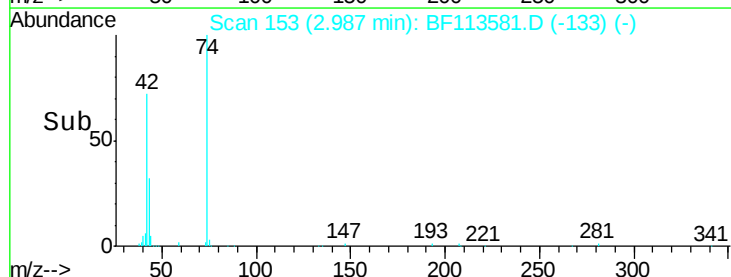
42 100

74 138.0 102.4 153.6

44 7.0 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: 80.478 ng

RT: 5.29 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

Instrument :

BNA_F

ClientSampleId :

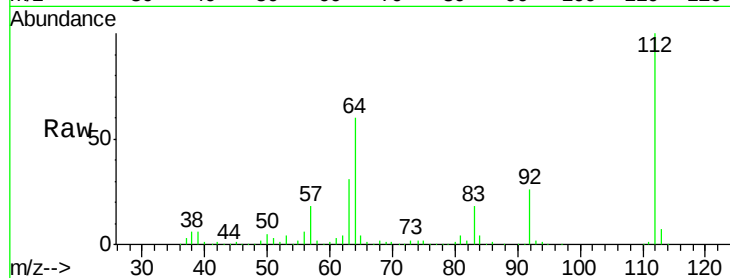
Tot Ion:112 Resp: 760370

Ion Ratio Lower Upper

112 100

64 60.1 49.2 73.8

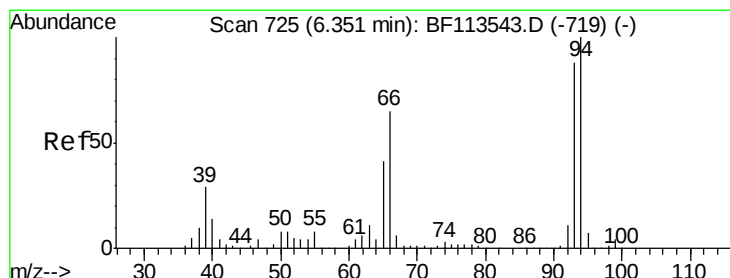
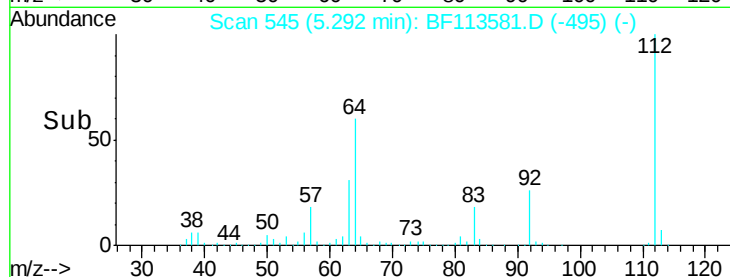
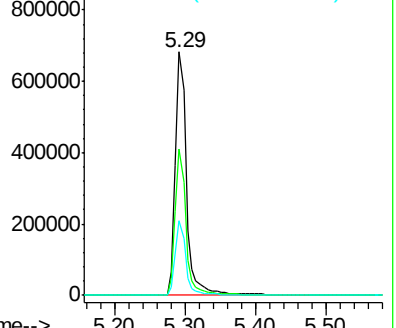
63 30.8 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.715 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

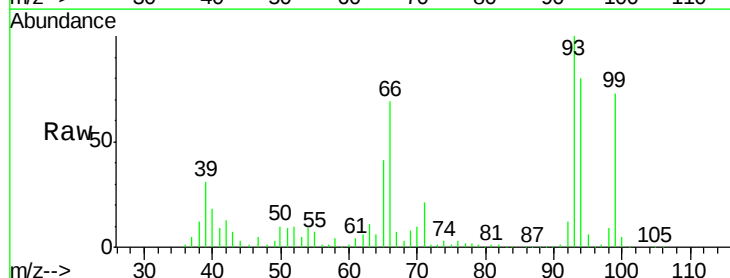
Tgt Ion: 93 Resp: 602924

Ion Ratio Lower Upper

93 100

66 69.1 62.1 93.1

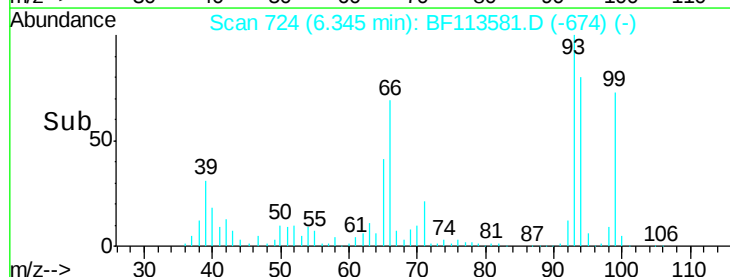
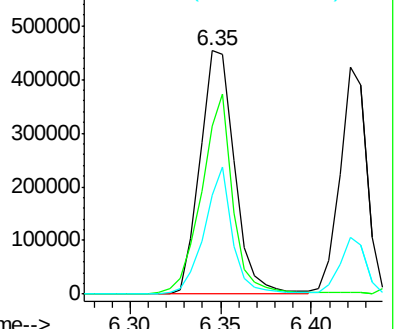
65 40.9 38.7 58.1

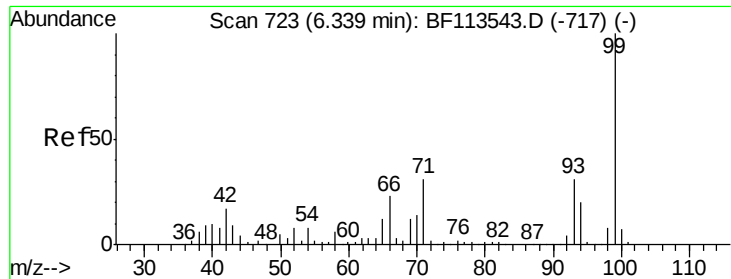


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.582 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

Instrument :

BNA_F

ClientSampled :

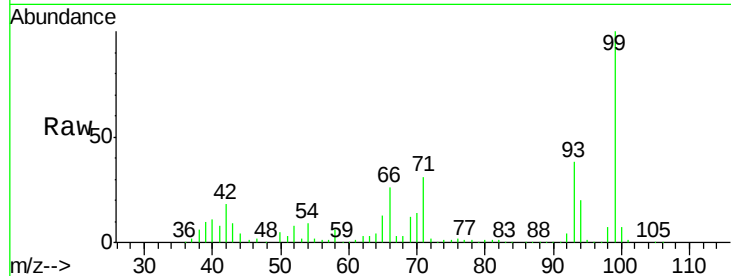
Tot Ion: 99 Resp: 961668

Ion Ratio Lower Upper

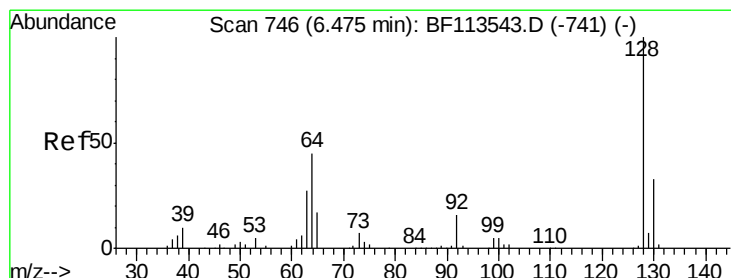
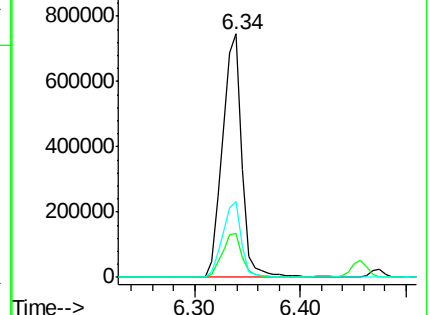
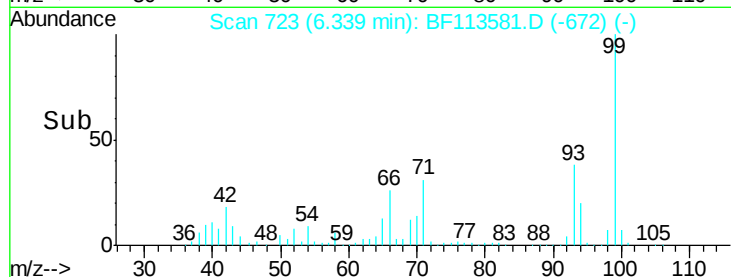
99 100

42 18.2 14.8 22.2

71 31.0 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.047 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

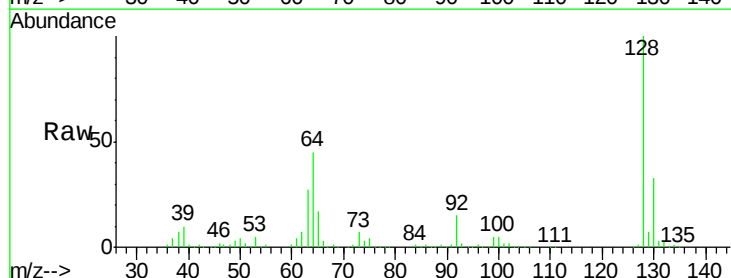
Tgt Ion: 128 Resp: 448703

Ion Ratio Lower Upper

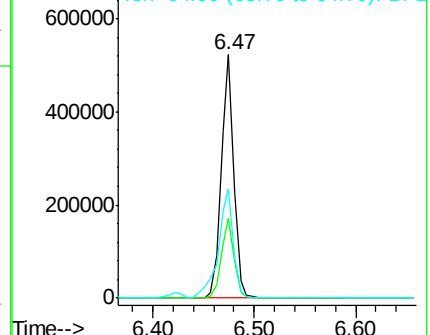
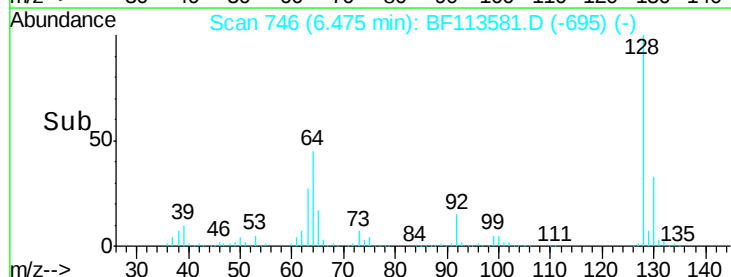
128 100

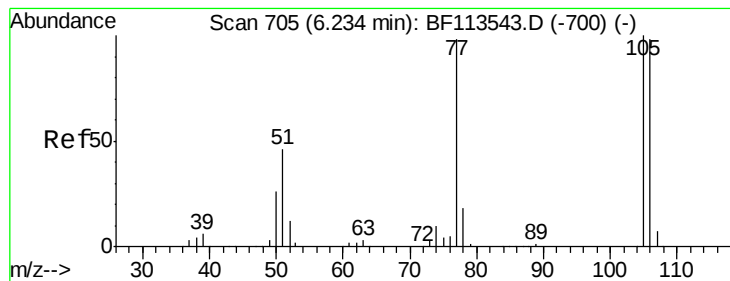
130 33.0 12.6 52.6

64 44.9 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: 41.154 ng

RT: 6.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

Instrument :

BNA_F

ClientSampleId :

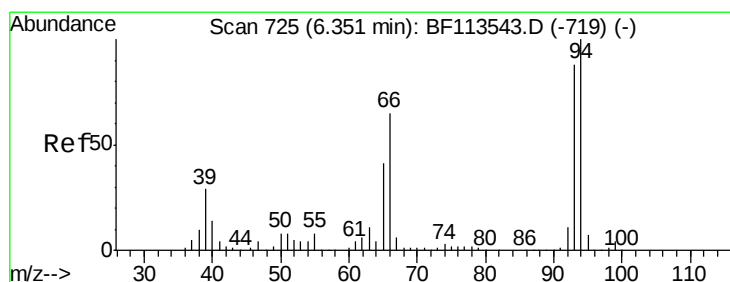
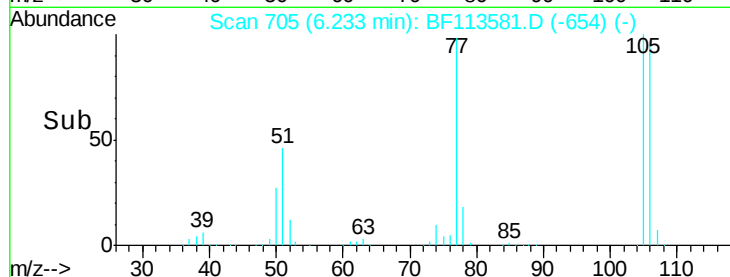
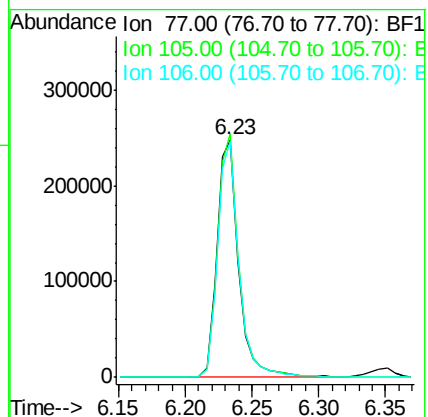
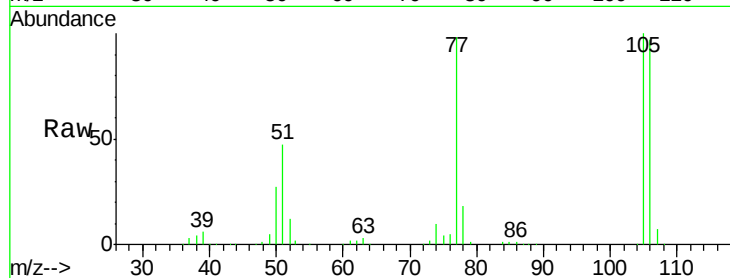
Tot Ion: 77 Resp: 284954

Ion Ratio Lower Upper

77 100

105 102.5 80.9 120.9

106 99.3 77.8 117.8



#10

Phenol

Concen: 40.997 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

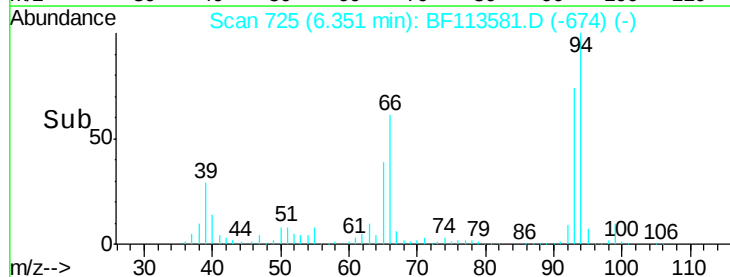
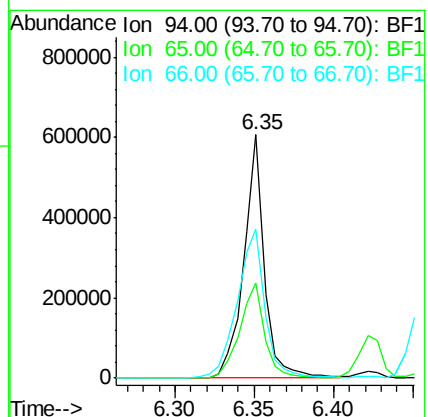
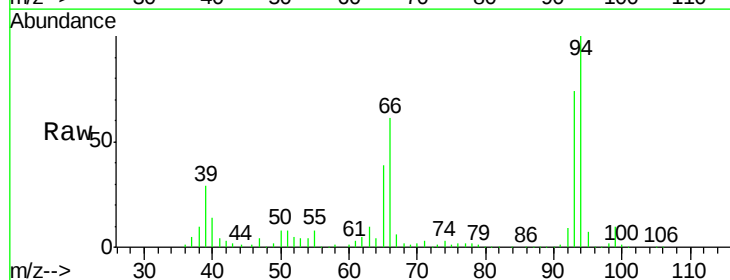
Tgt Ion: 94 Resp: 545246

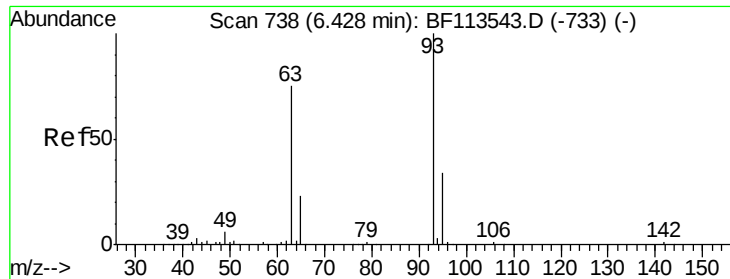
Ion Ratio Lower Upper

94 100

65 39.1 21.4 61.4

66 61.3 46.4 86.4

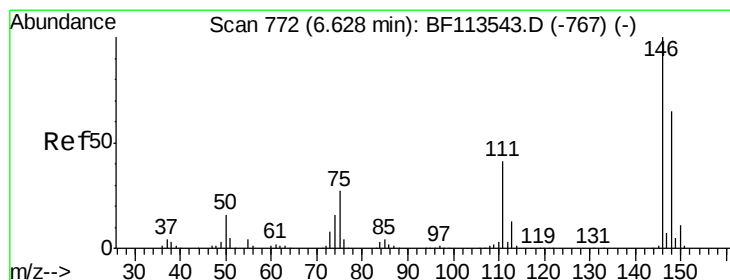
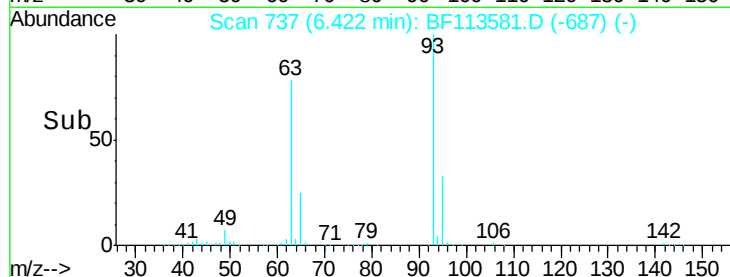
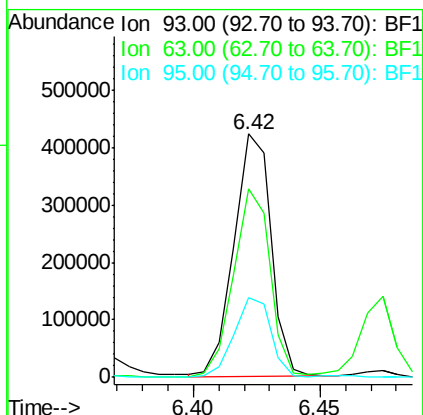
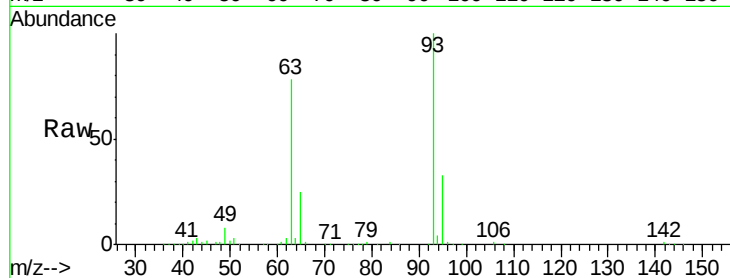




#11
bis(2-Chloroethyl)ether
Concen: 41.436 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

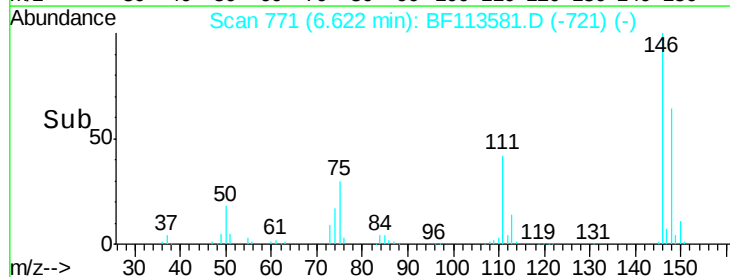
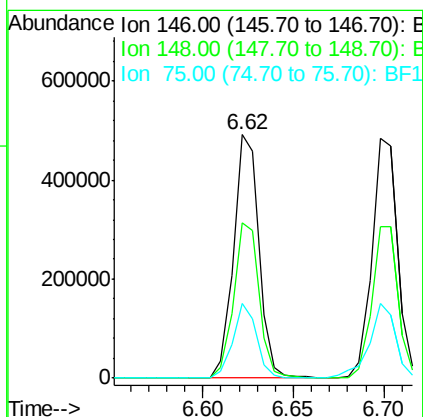
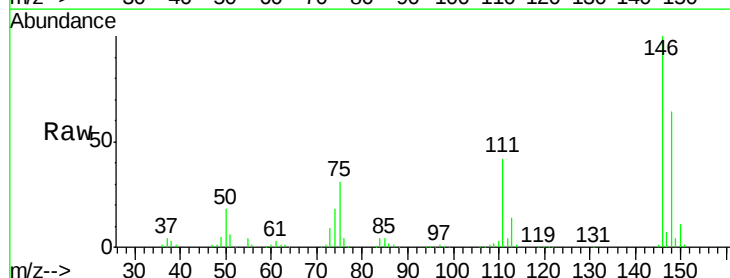
Instrument :
BNA_F
ClientSampleId :

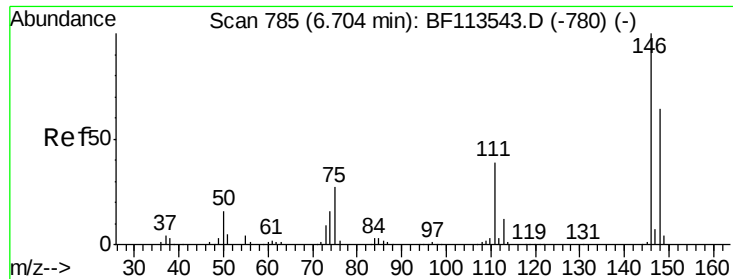
Tot Ion: 93 Resp: 428680
Ion Ratio Lower Upper
93 100
63 77.7 56.1 96.1
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.699 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion: 146 Resp: 479123
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
75 30.6 24.8 37.2

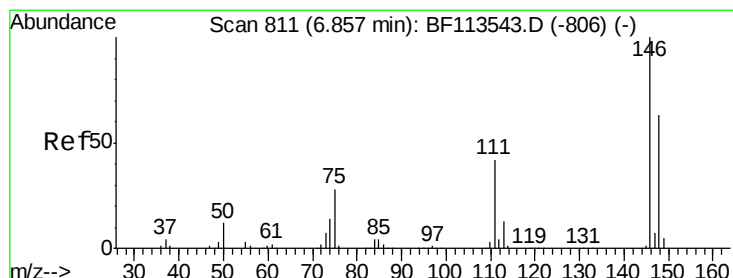
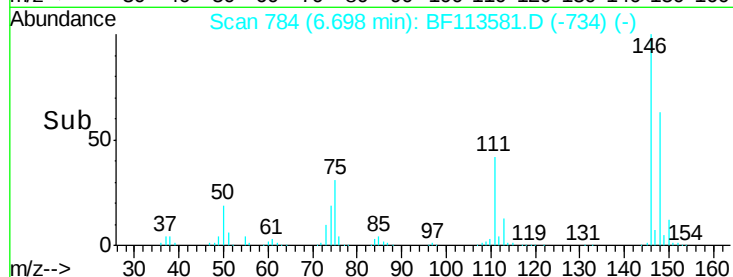
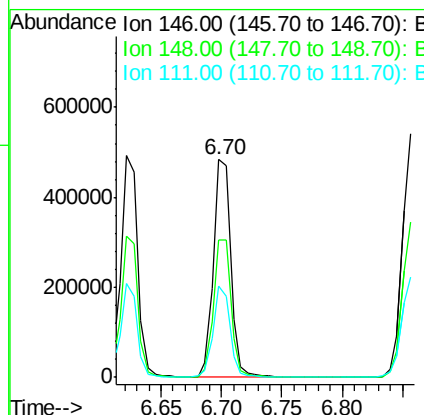
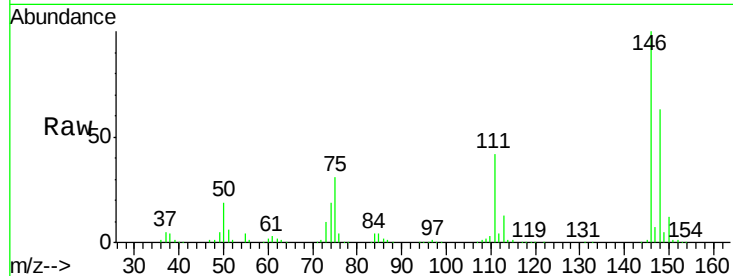




#13
 1,4-Dichlorobenzene
 Concen: 40.626 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113581.D
 Acq: 4 Apr 2019 14:08

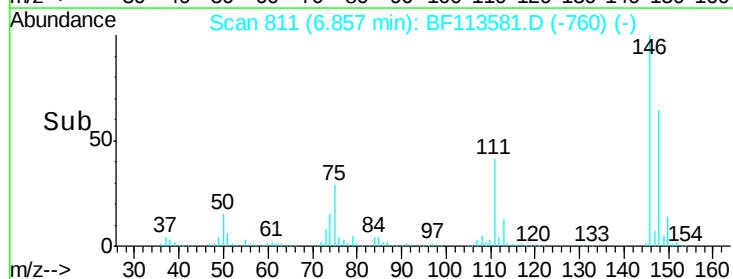
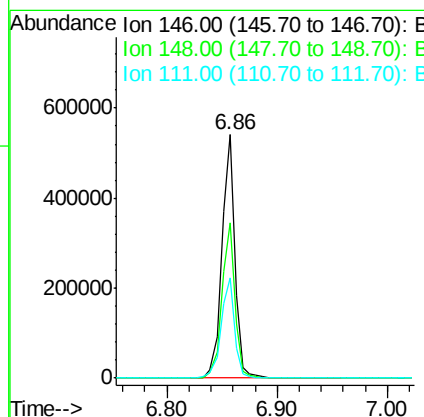
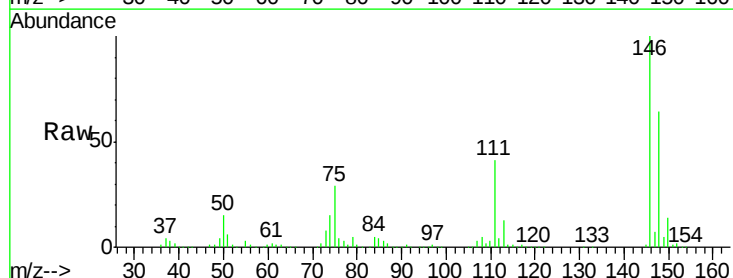
Instrument :
 BNA_F
 ClientSampleId :

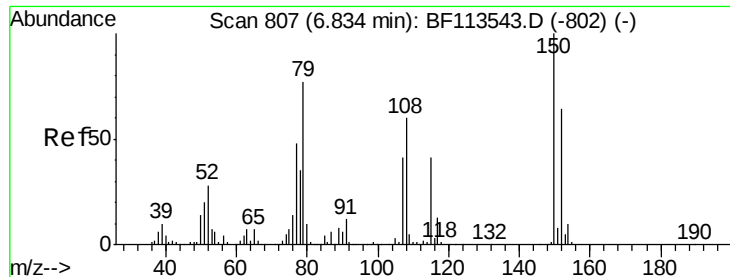
Tot Ion:146 Resp: 483294
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.1 76.7
 111 41.8 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 41.213 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF113581.D
 Acq: 4 Apr 2019 14:08

Tgt Ion:146 Resp: 442545
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.2 75.4
 111 41.0 35.4 53.2





#15

Benzyl Alcohol

Concen: 43.296 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

Instrument :

BNA_F

ClientSampled :

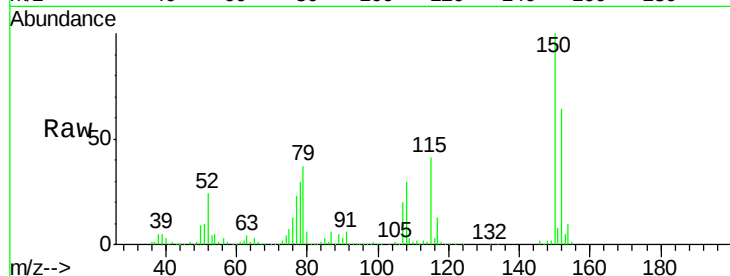
Tot Ion: 79 Resp: 340903

Ion Ratio Lower Upper

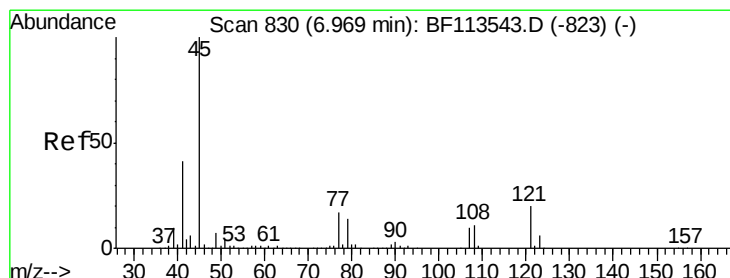
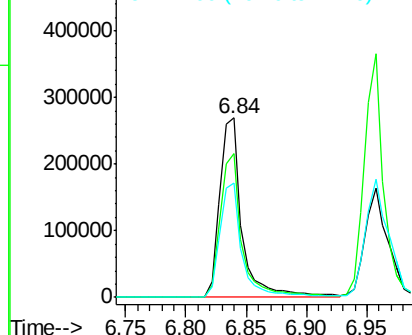
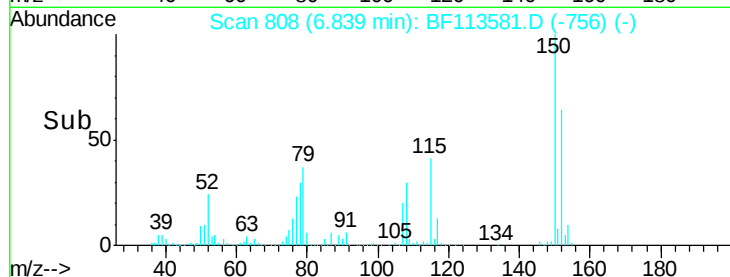
79 100

108 80.2 62.0 93.0

77 63.5 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: 41.183 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

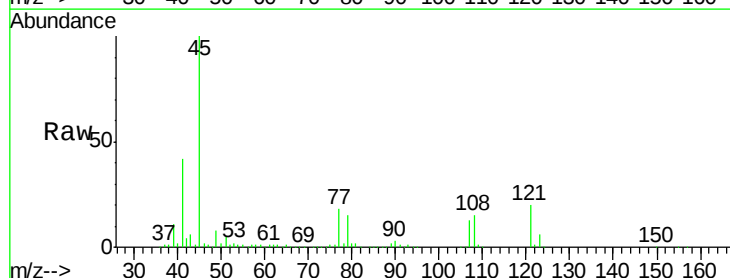
Tgt Ion: 45 Resp: 663190

Ion Ratio Lower Upper

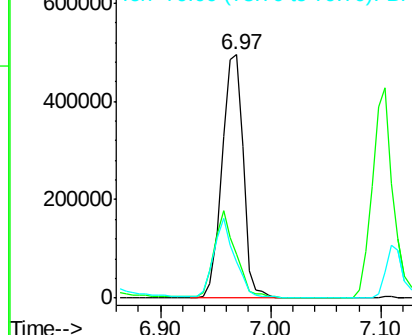
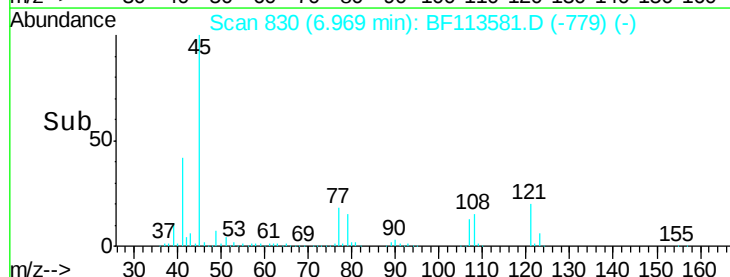
45 100

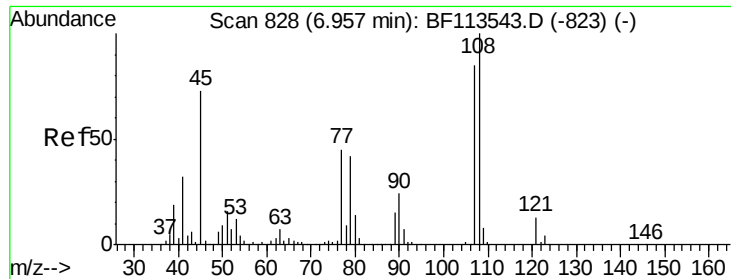
77 17.9 0.0 36.6

79 15.1 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

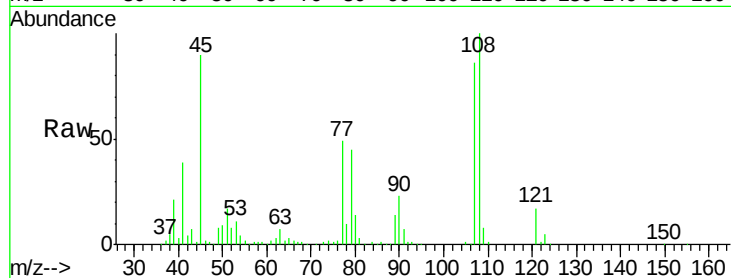




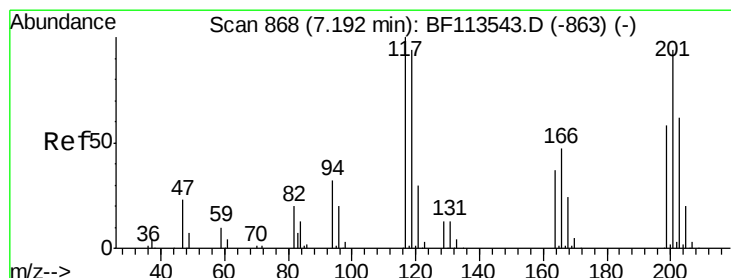
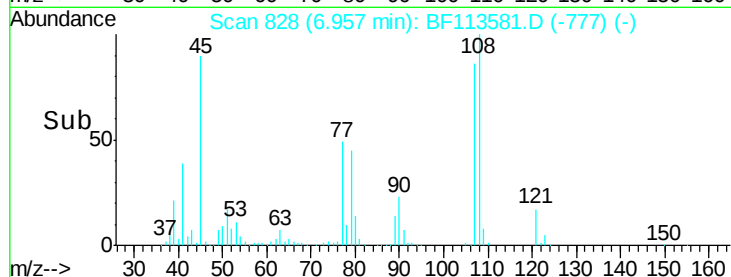
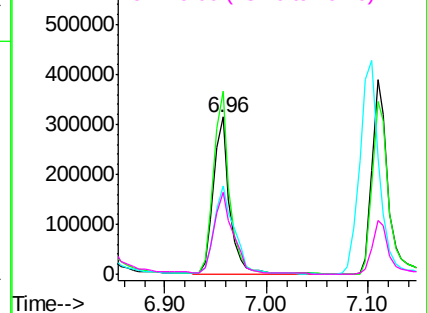
#17
2-Methylphenol
Concen: 41.367 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 350444
Ion Ratio Lower Upper
107 100
108 116.1 93.4 140.0
77 56.6 41.2 61.8
79 51.9 40.1 60.1

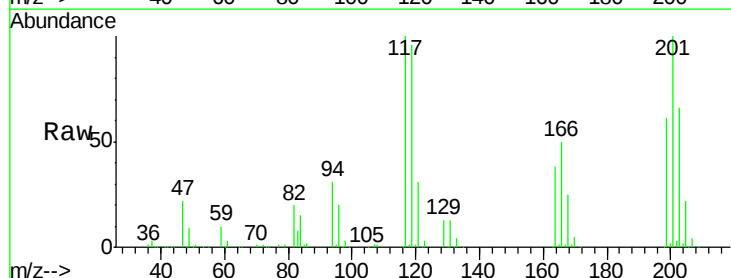


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

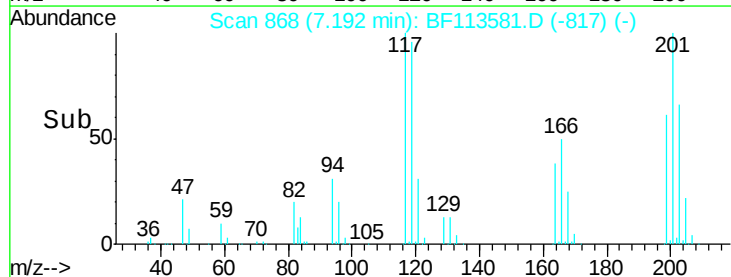
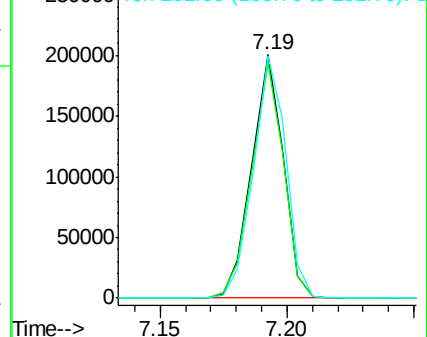


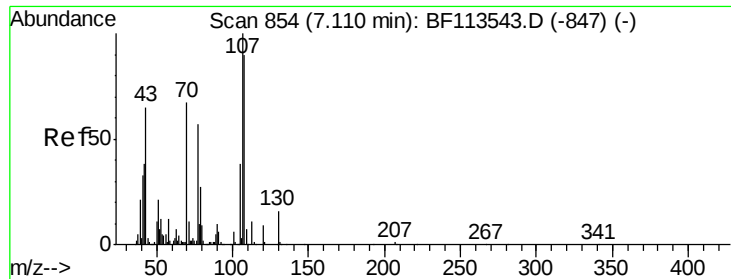
#18
Hexachloroethane
Concen: 40.394 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:117 Resp: 174909
Ion Ratio Lower Upper
117 100
119 96.4 76.9 115.3
201 99.7 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

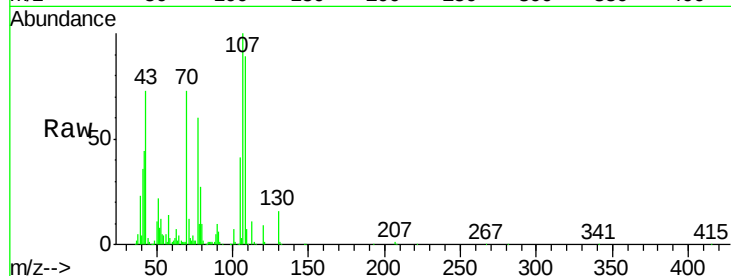




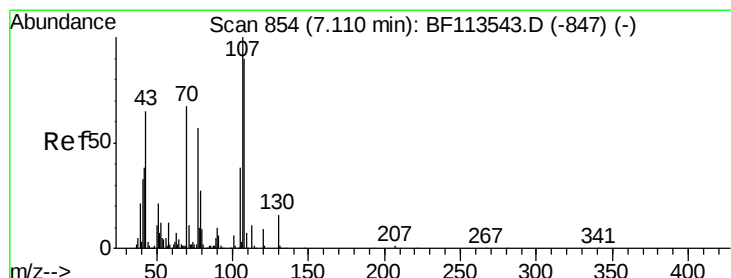
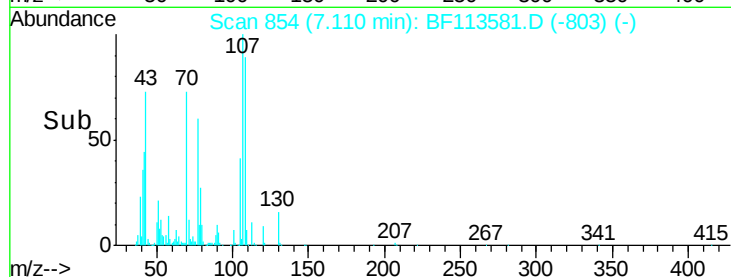
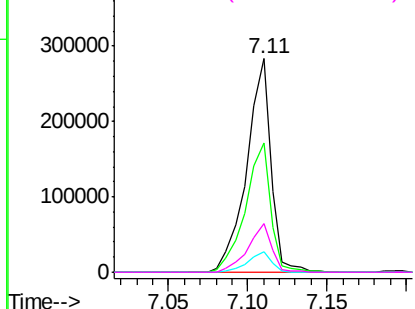
#19
n-Nitroso-di-n-propylamine
Concen: 41.883 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	300751
Ion	Ratio	Lower	Upper
70	100		
42	60.7	48.4	72.6
101	9.6	7.8	11.8
130	22.7	18.2	27.4

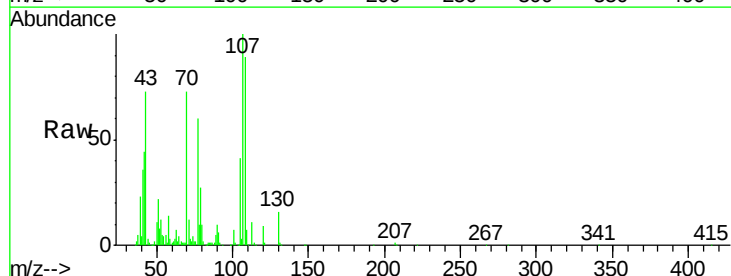


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

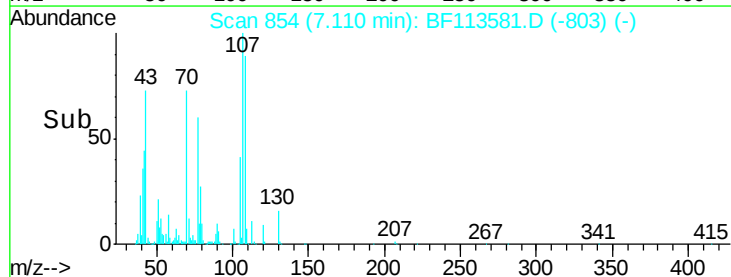
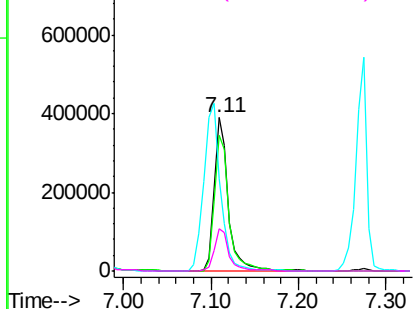


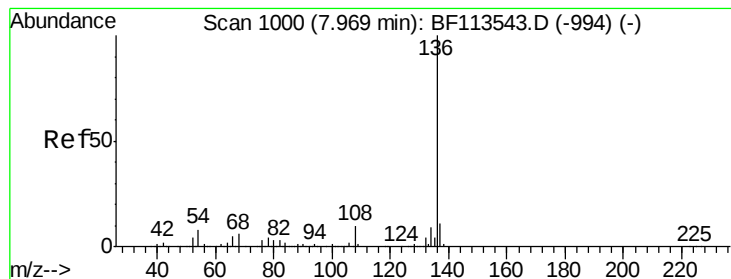
#20
3+4-Methylphenols
Concen: 42.276 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:	107	Resp:	433944
Ion	Ratio	Lower	Upper
107	100		
108	88.8	71.4	111.4
77	59.6	33.5	73.5
79	27.3	8.3	48.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 652224

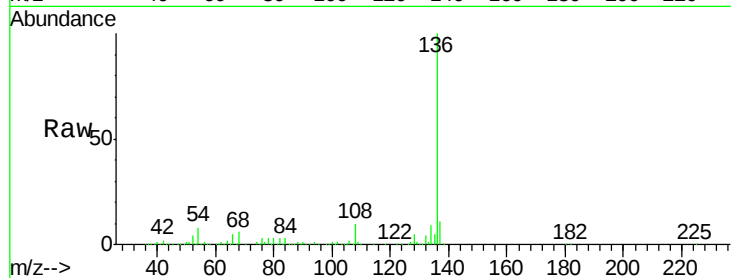
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.7 7.0 10.6

68 5.8 4.8 7.2

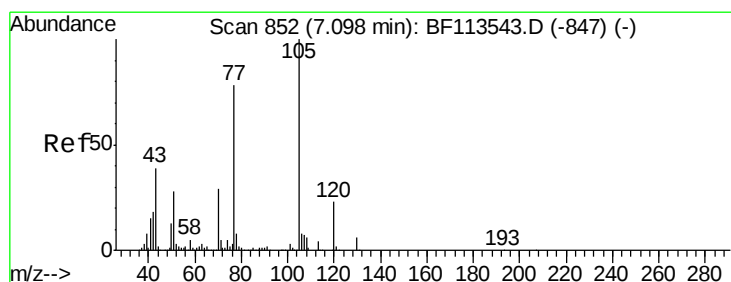
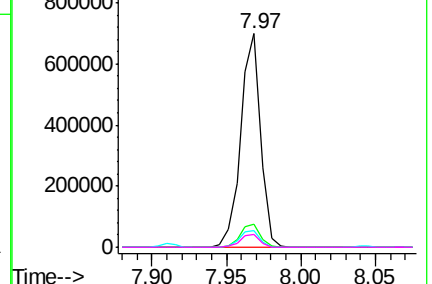
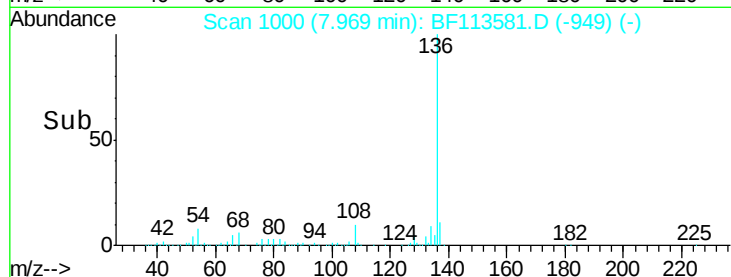


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.401 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

Tgt Ion:105 Resp: 578747

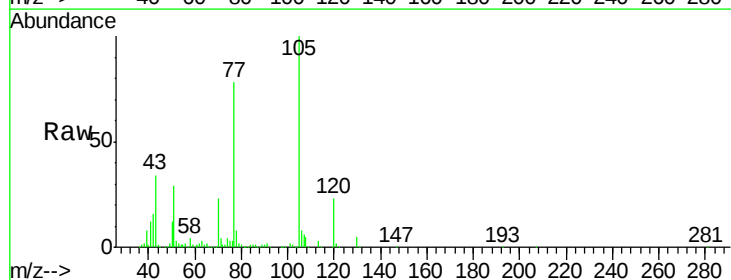
Ion Ratio Lower Upper

105 100

71 4.0 3.3 4.9

51 29.2 24.2 36.2

120 22.6 18.1 27.1

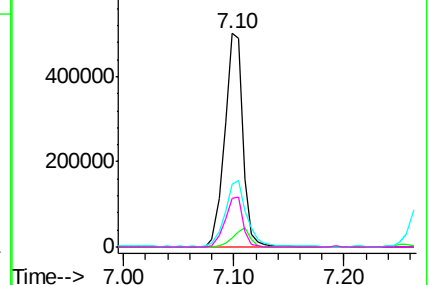
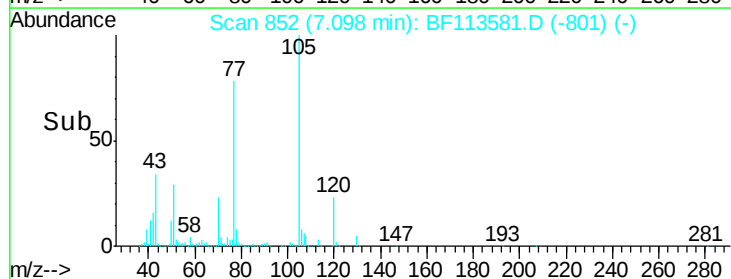


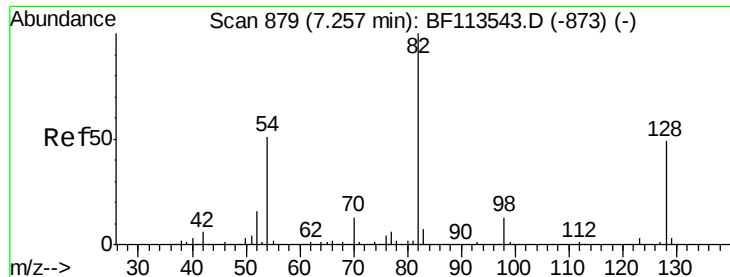
Abundance Ion 105.00 (104.70 to 105.70): E

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

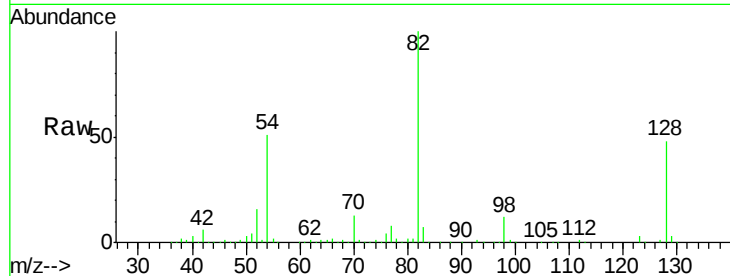




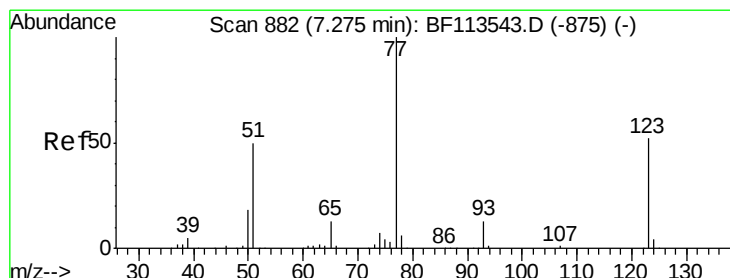
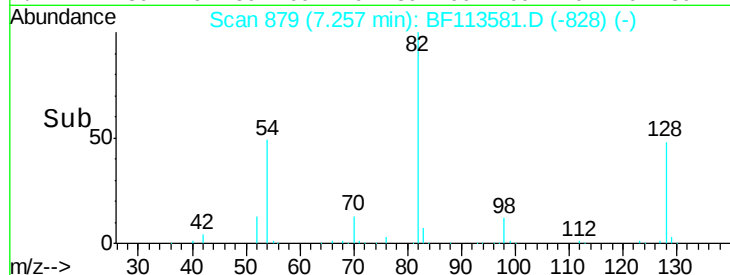
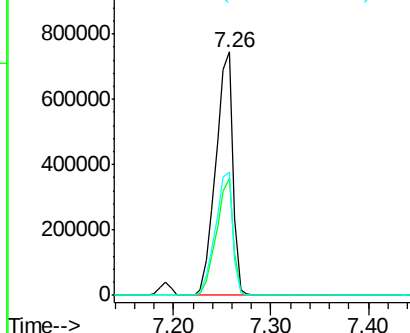
#23
Nitrobenzene-d5
Concen: 81.572 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 908289
Ion Ratio Lower Upper
82 100
128 47.9 36.5 54.7
54 50.7 42.2 63.2

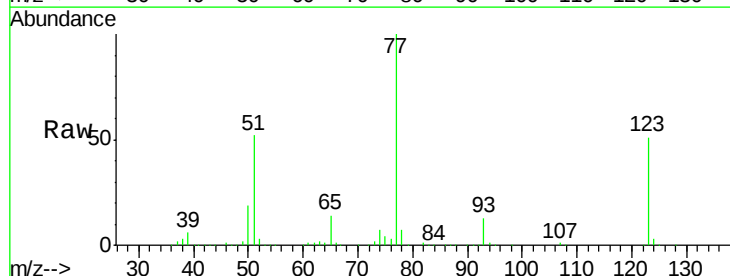


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

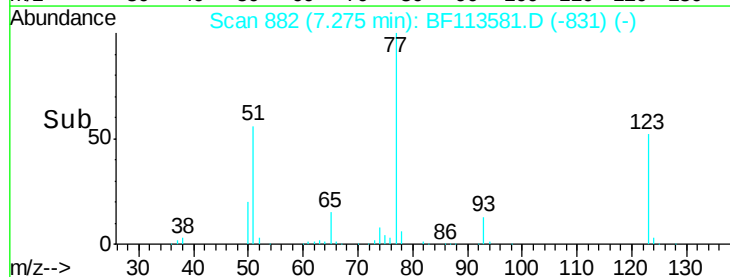
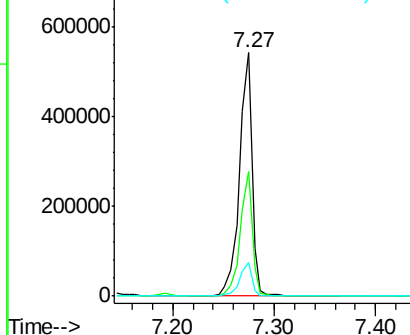


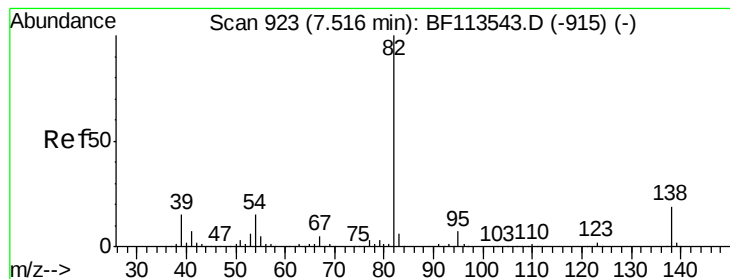
#24
Nitrobenzene
Concen: 40.775 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion: 77 Resp: 467562
Ion Ratio Lower Upper
77 100
123 51.1 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: 41.765 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

Instrument :

BNA_F

ClientSampleId :

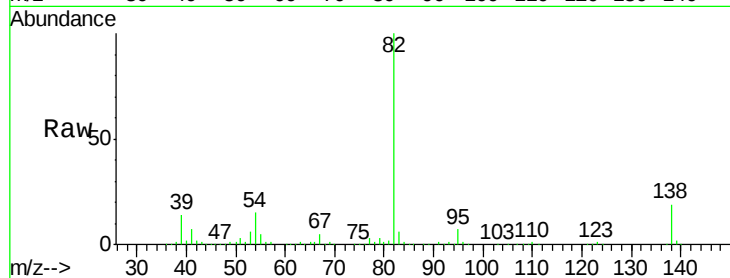
Tot Ion: 82 Resp: 895856

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

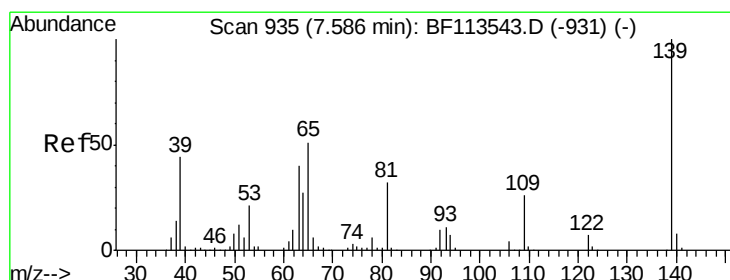
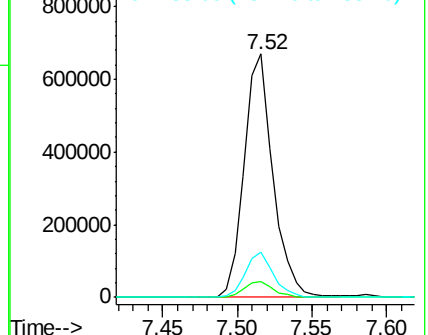
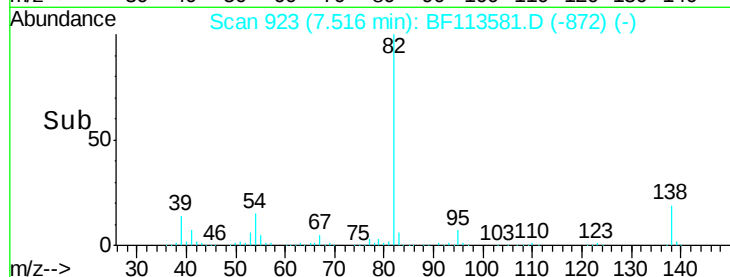
138 18.8 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.884 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

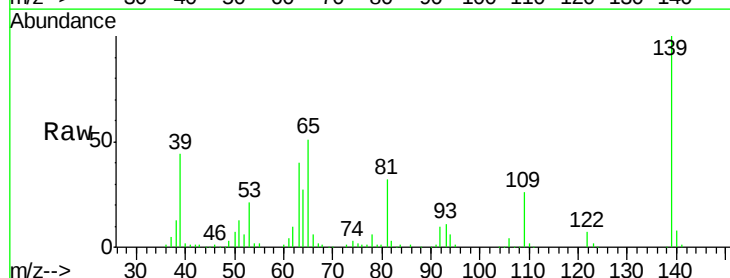
Tgt Ion: 139 Resp: 258491

Ion Ratio Lower Upper

139 100

109 26.0 21.7 32.5

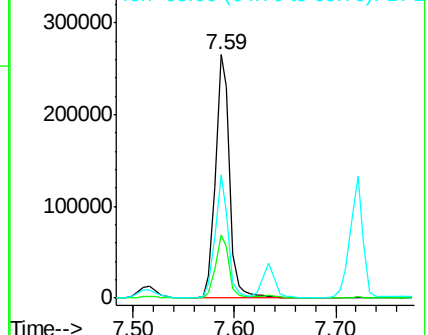
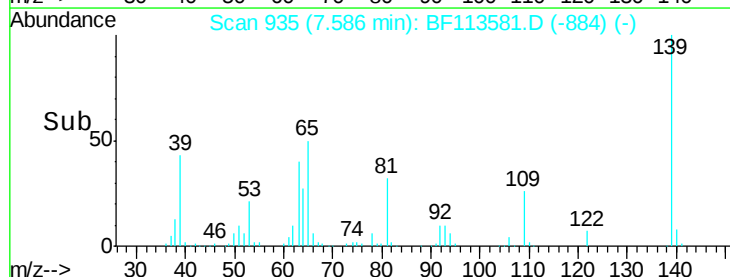
65 50.7 41.6 62.4

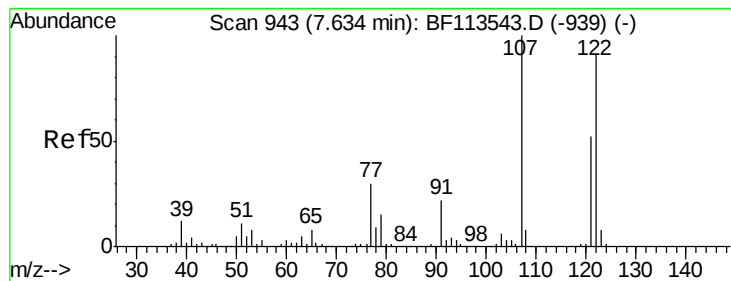


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.970 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

Instrument :

BNA_F

ClientSampled :

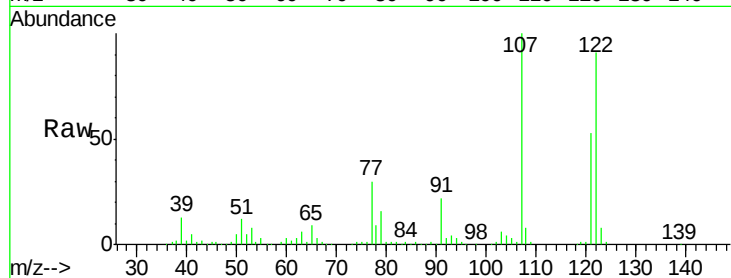
Tot Ion:122 Resp: 352655

Ion Ratio Lower Upper

122 100

107 109.9 88.8 133.2

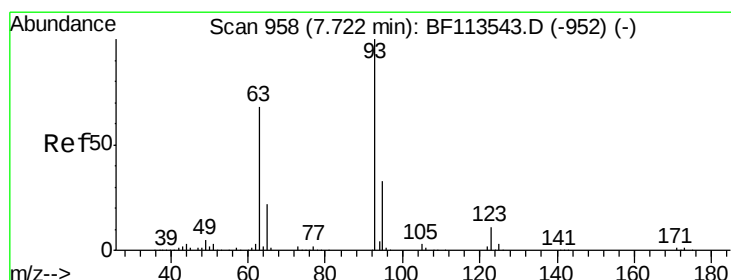
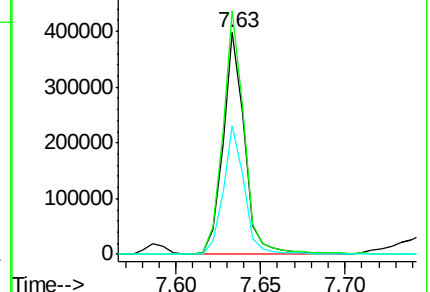
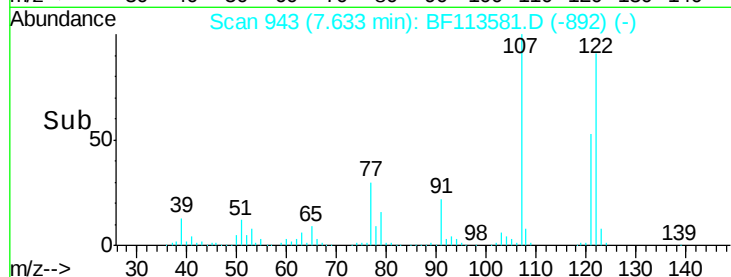
121 57.7 45.5 68.3



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: 41.053 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

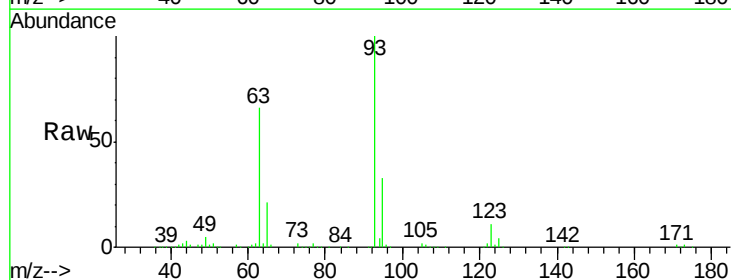
Tgt Ion: 93 Resp: 556722

Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

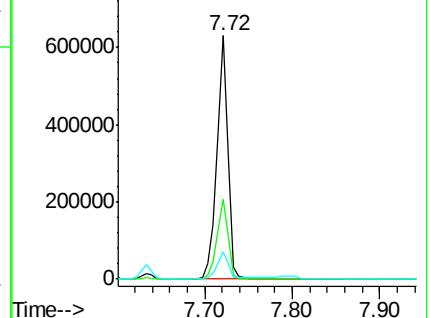
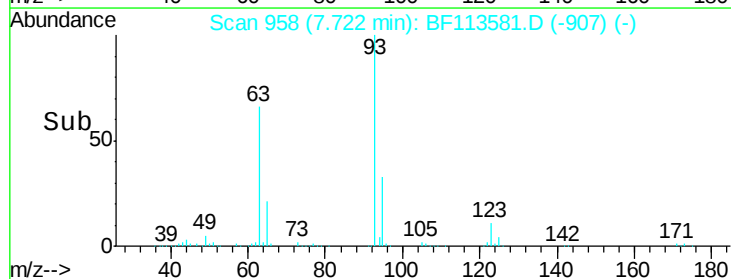
123 11.2 9.1 13.7

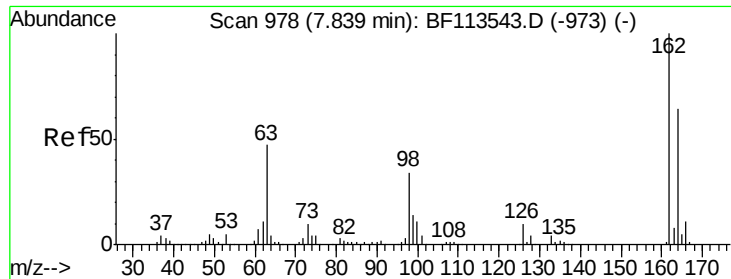


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

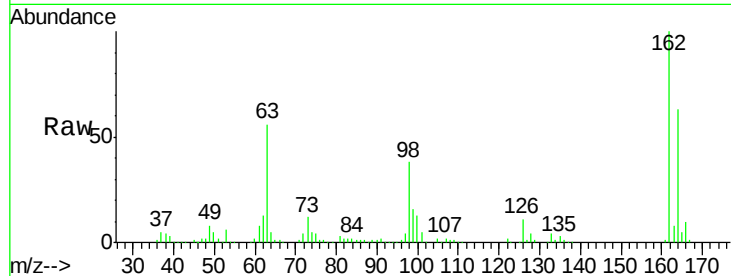




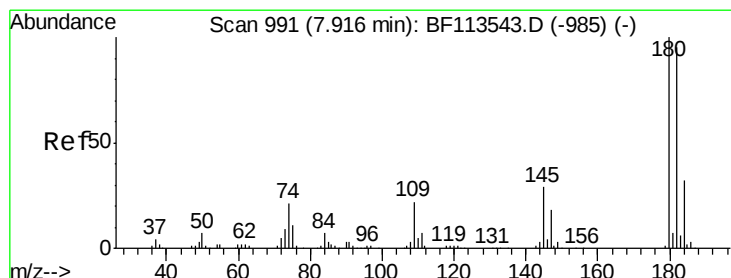
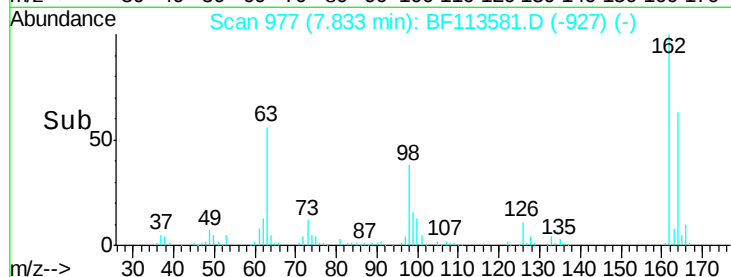
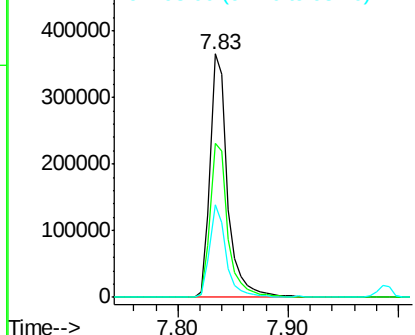
#29
 2,4-Dichlorophenol
 Concen: 41.626 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF113581.D
 Acq: 4 Apr 2019 14:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.6	84.6
98	37.9	15.6	55.6

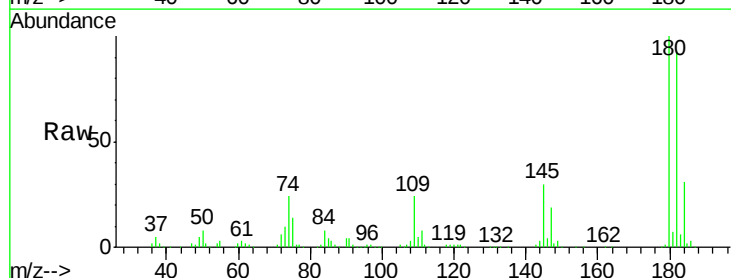


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

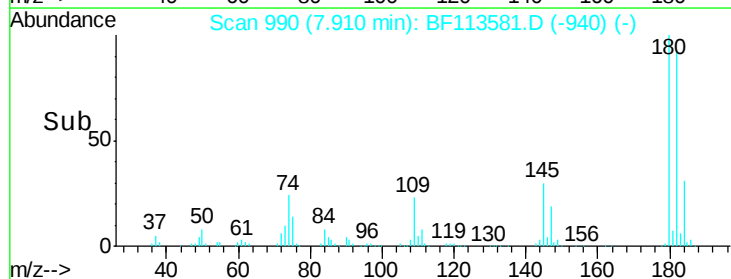
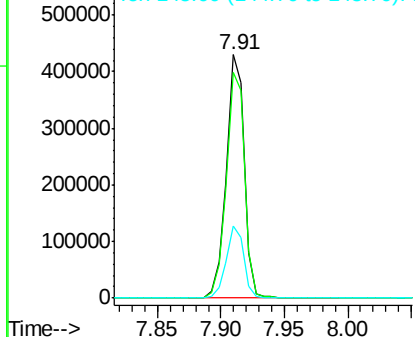


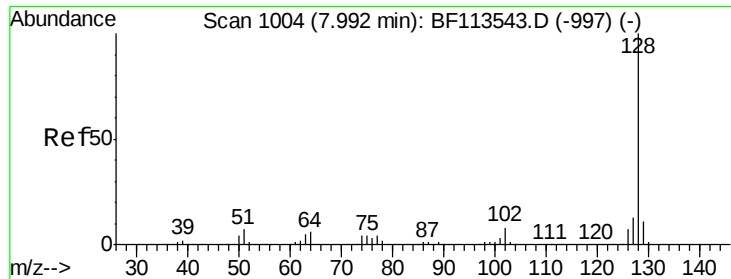
#30
 1,2,4-Trichlorobenzene
 Concen: 40.771 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF113581.D
 Acq: 4 Apr 2019 14:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	74.6	111.8
145	29.7	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

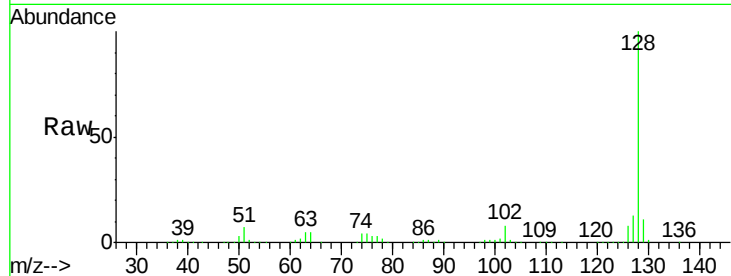




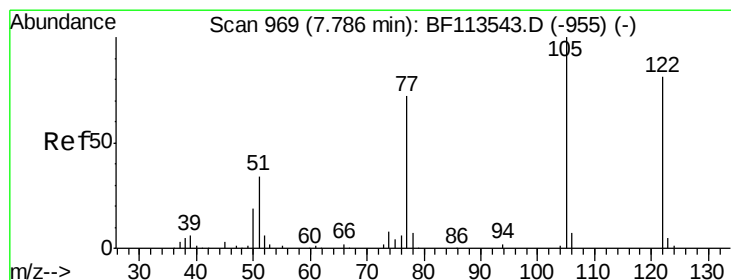
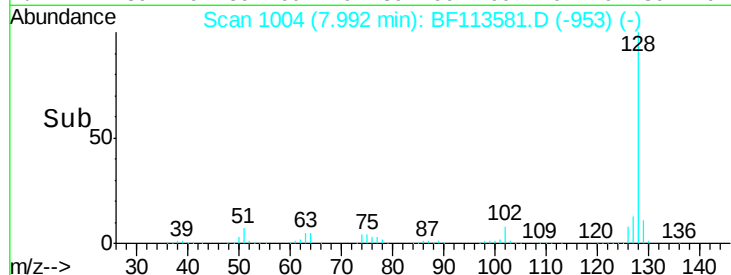
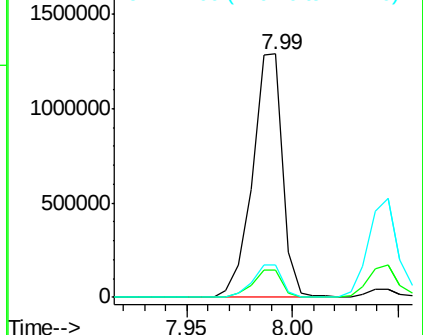
#31
Naphthalene
Concen: 40.544 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1281256
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.2 10.9 16.3

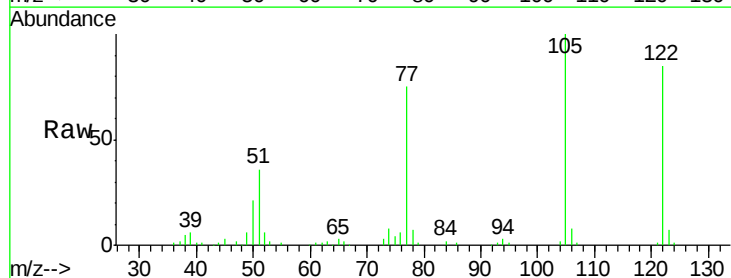


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

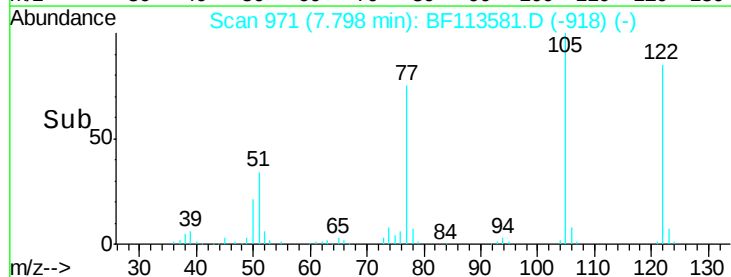
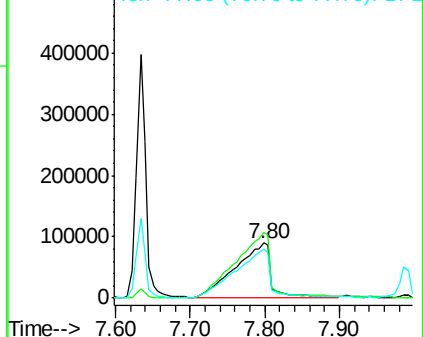


#32
Benzoic acid
Concen: 43.044 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:122 Resp: 294077
Ion Ratio Lower Upper
122 100
105 118.2 100.4 140.4
77 89.0 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

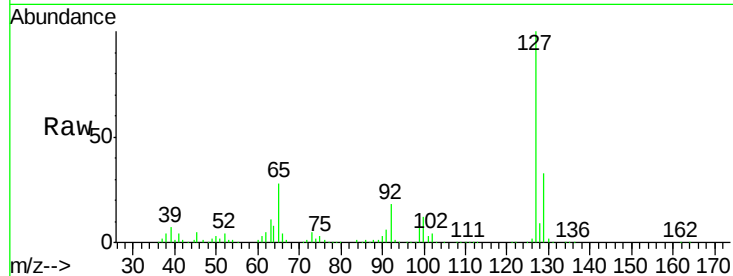




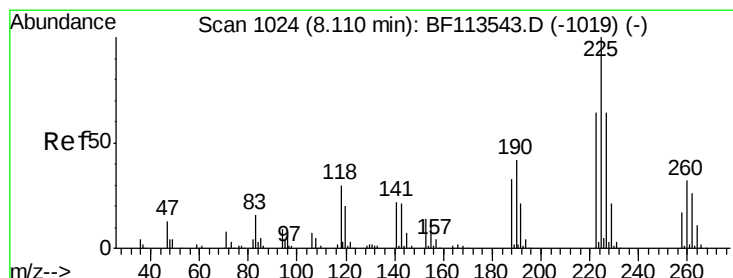
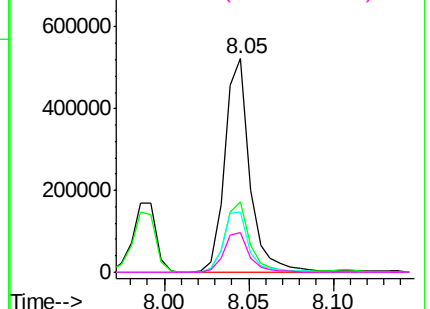
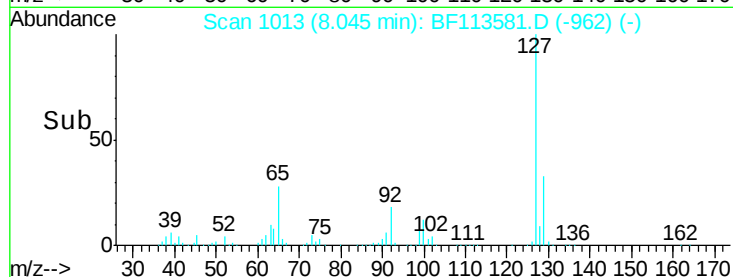
#33
4-Chloroaniline
Concen: 42.817 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	536522
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	28.1	24.2	36.4
92	18.4	15.0	22.6

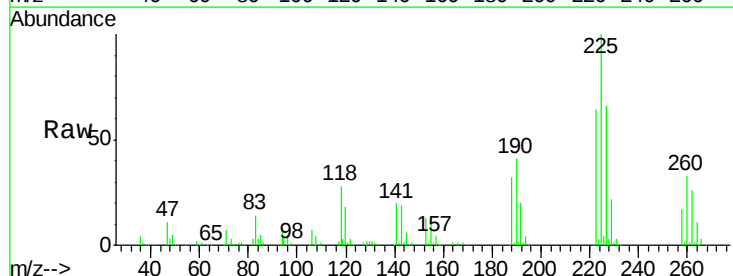


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

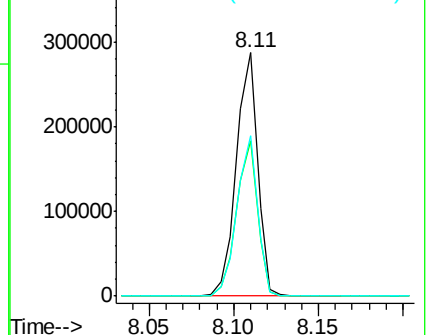
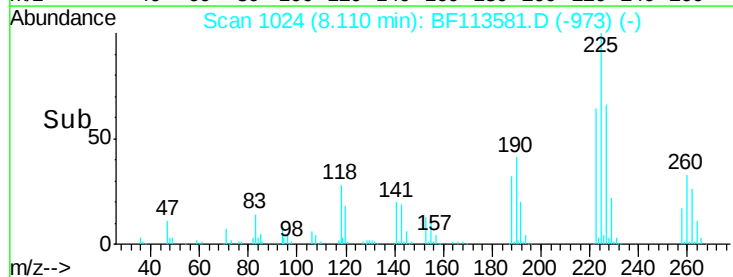


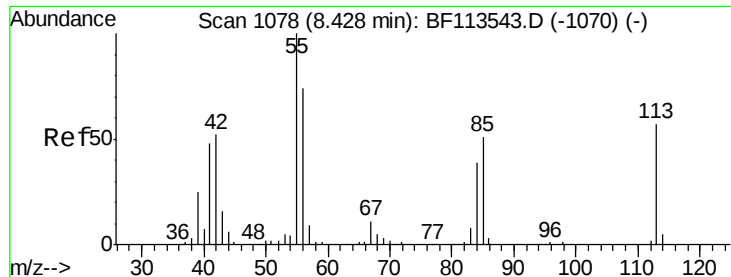
#34
Hexachlorobutadiene
Concen: 40.297 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:	225	Resp:	251855
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.4	77.2
227	65.7	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

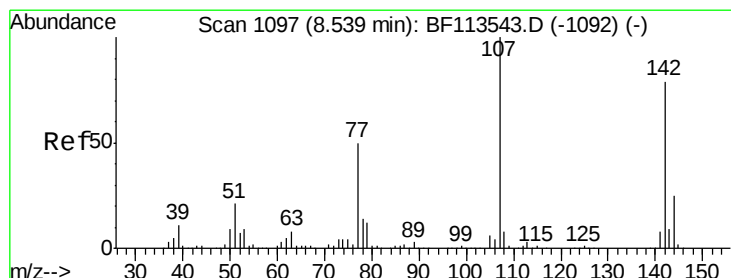
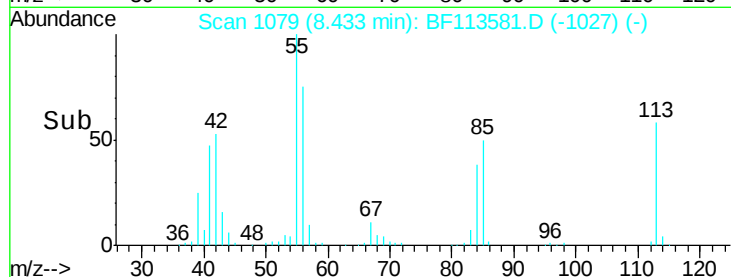
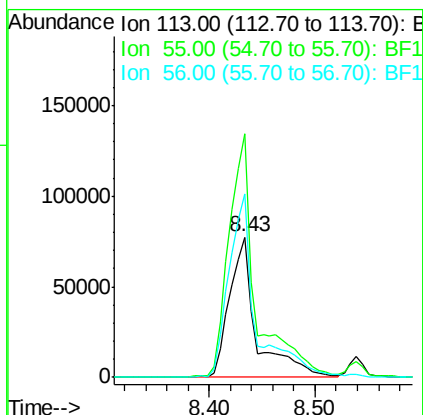
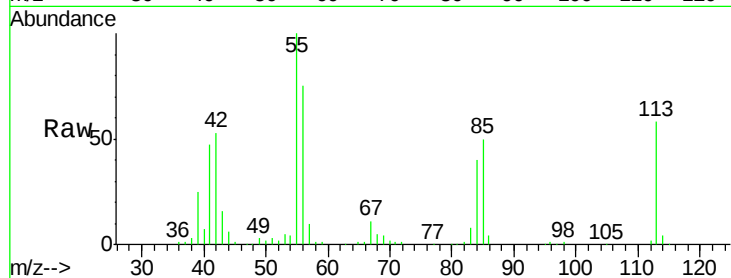




#35
 Caprolactam
 Concen: 46.120 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. 0.01 min
 Lab File: BF113581.D
 Acq: 4 Apr 2019 14:08

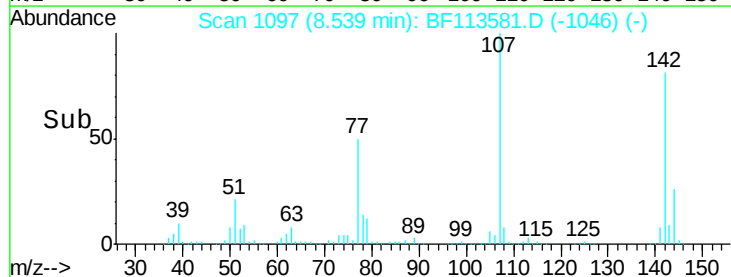
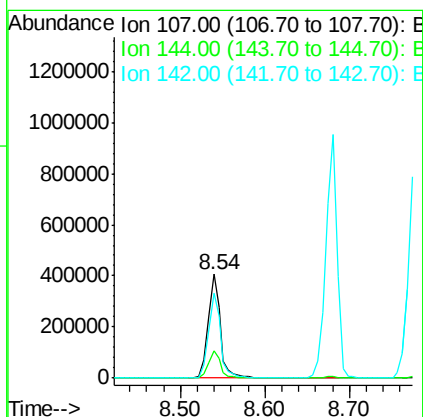
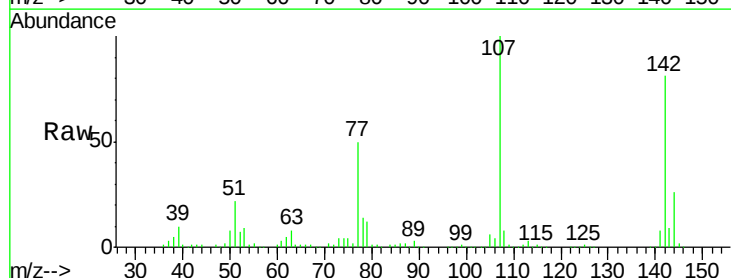
Instrument :
 BNA_F
 ClientSampleId :

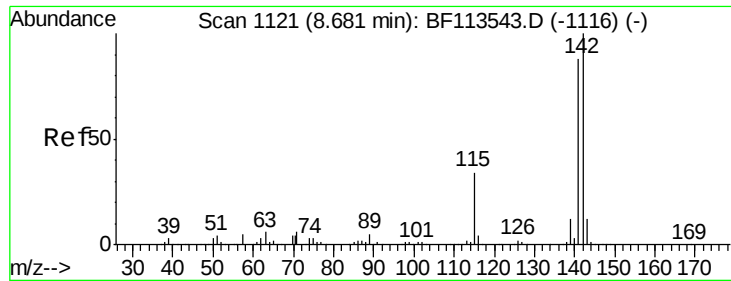
Tot Ion:113 Resp: 138204
 Ion Ratio Lower Upper
 113 100
 55 173.8 152.7 192.7
 56 130.7 108.3 148.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.037 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF113581.D
 Acq: 4 Apr 2019 14:08

Tgt Ion:107 Resp: 407836
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.4 32.0
 142 81.5 65.6 98.4

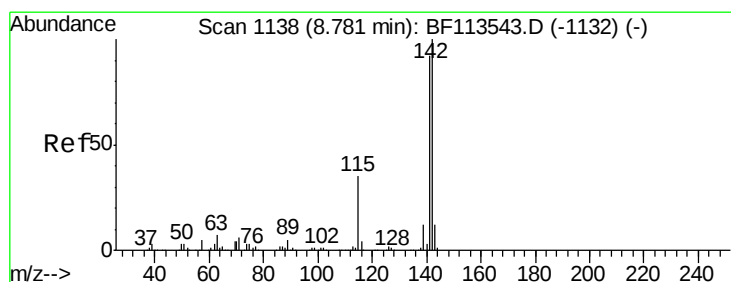
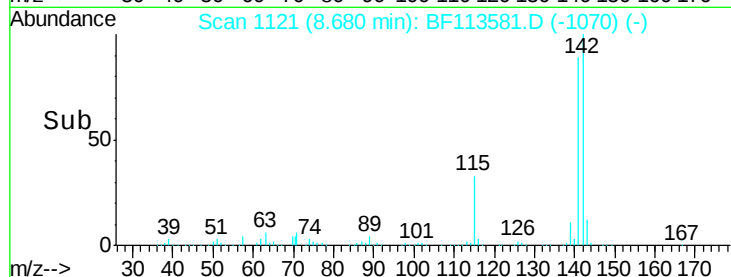
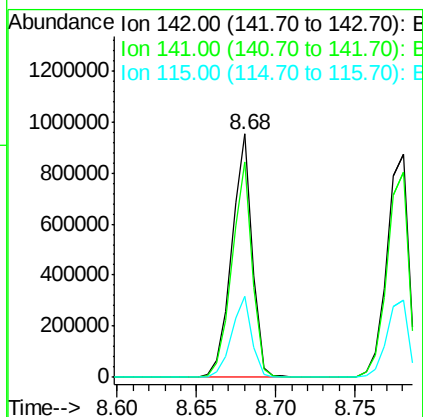
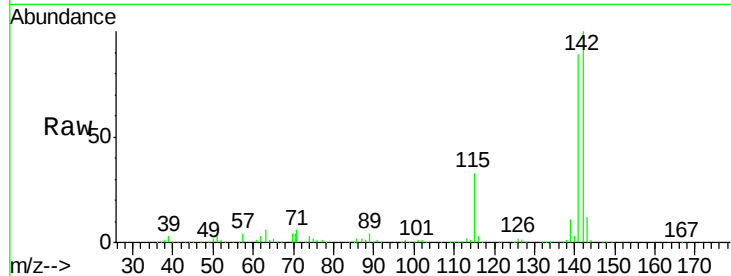




#37
2-Methylnaphthalene
Concen: 41.188 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

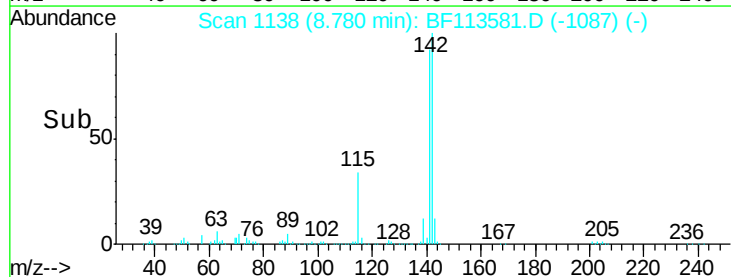
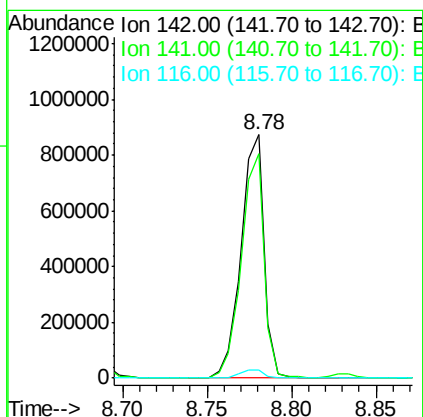
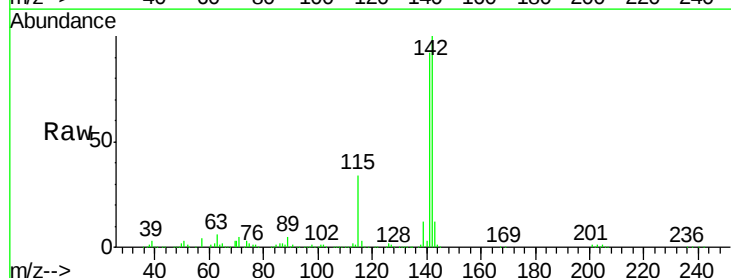
Instrument :
BNA_F
ClientSampleId :

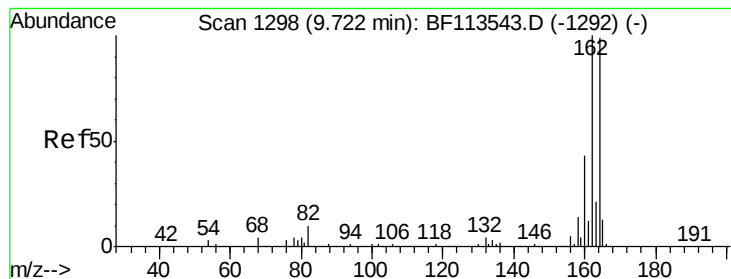
Tot Ion:142 Resp: 856061
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.6
115 33.3 26.6 39.8



#38
1-Methylnaphthalene
Concen: 41.223 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:142 Resp: 826175
Ion Ratio Lower Upper
142 100
141 92.0 73.2 109.8
116 3.4 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

Instrument :

BNA_F

ClientSampleId :

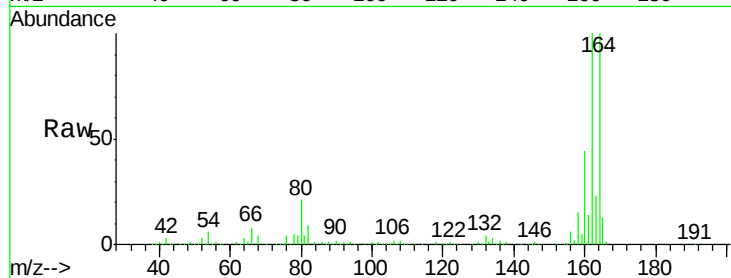
Tot Ion:164 Resp: 336005

Ion Ratio Lower Upper

164 100

162 100.2 81.8 122.6

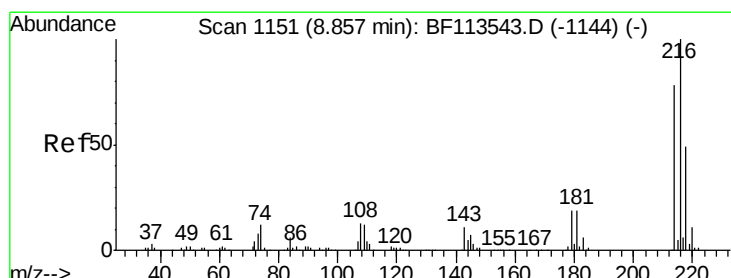
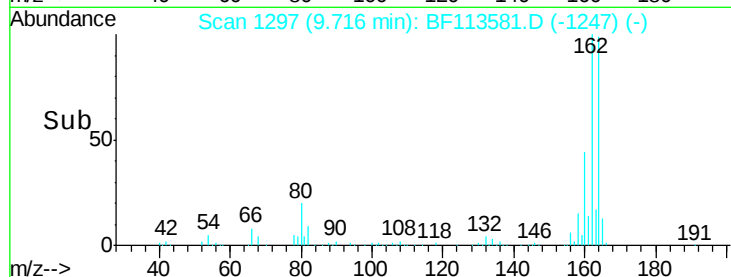
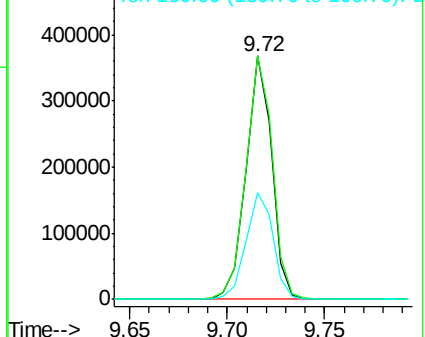
160 43.6 36.4 54.6



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: 38.986 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

Tgt Ion:216 Resp: 423651

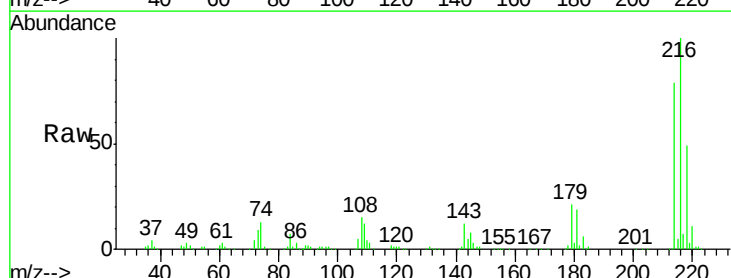
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.6

179 20.4 16.8 25.2

108 16.5 13.8 20.6

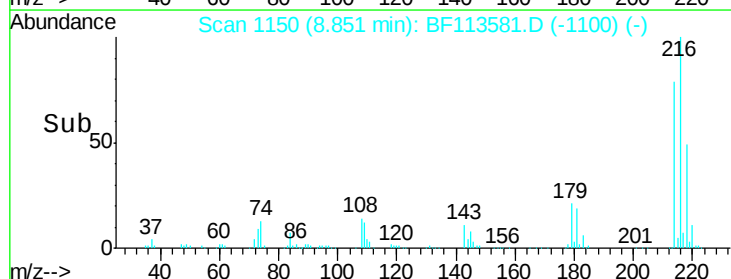
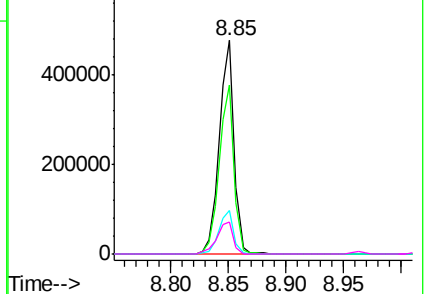


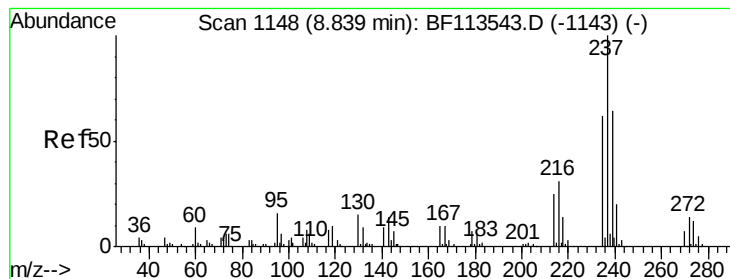
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.640 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

Instrument :

BNA_F

ClientSampleId :

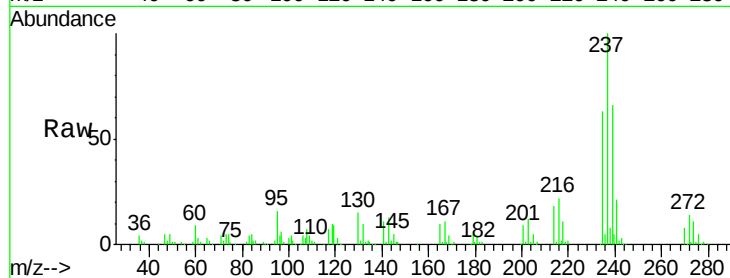
Tot Ion:237 Resp: 115363

Ion Ratio Lower Upper

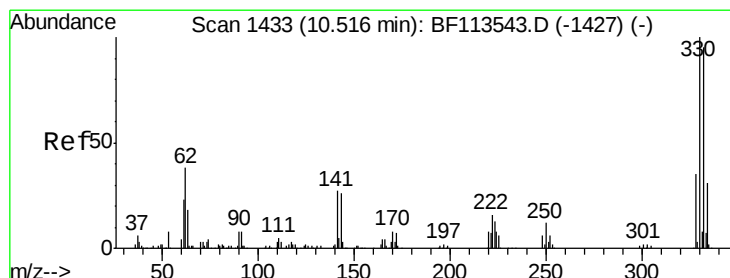
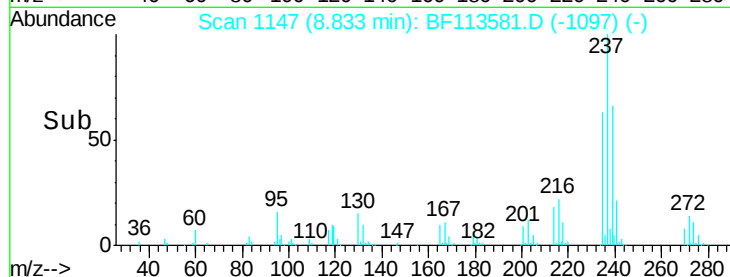
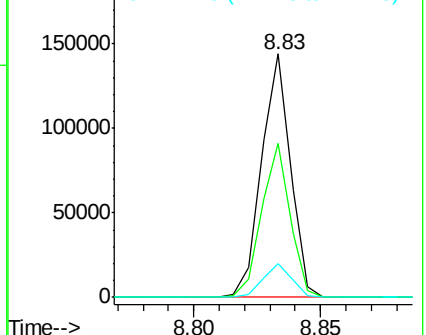
237 100

235 63.1 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: 81.981 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

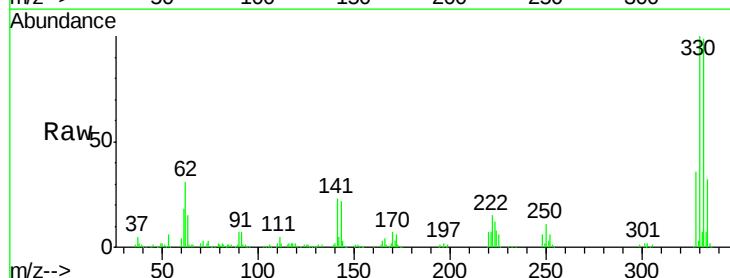
Tgt Ion:330 Resp: 330894

Ion Ratio Lower Upper

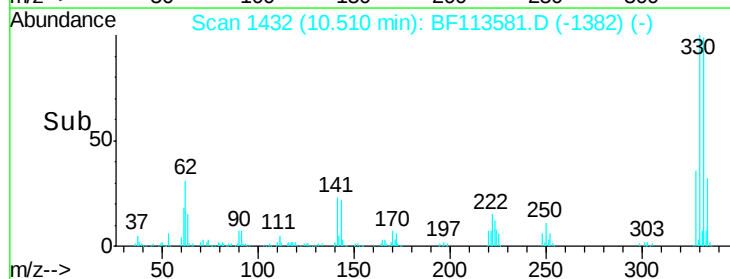
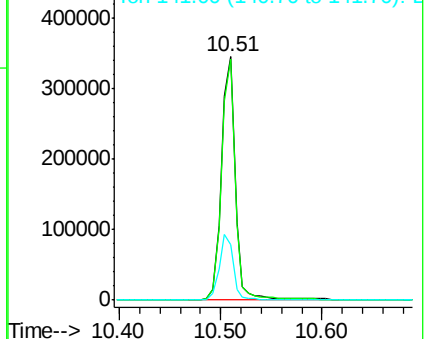
330 100

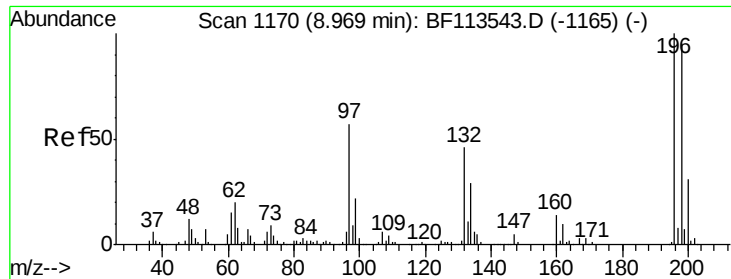
332 98.3 77.8 116.6

141 27.2 22.7 34.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

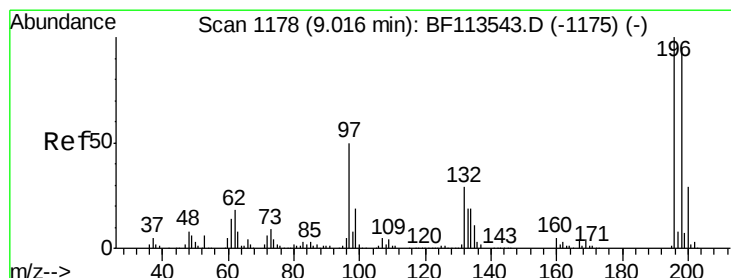
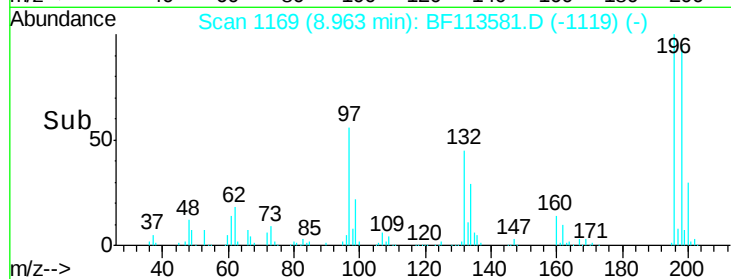
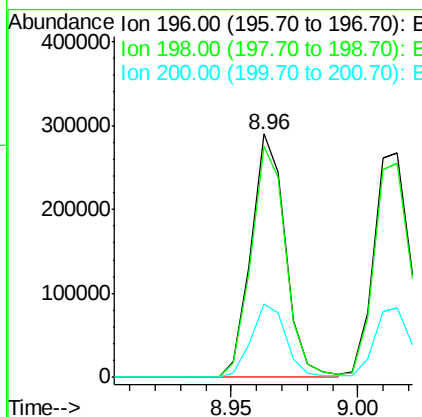
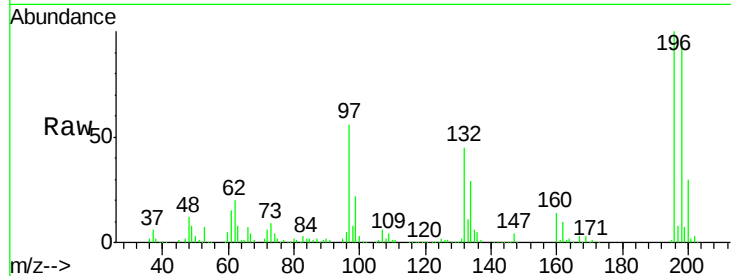




#43
 2,4,6-Trichlorophenol
 Concen: 40.142 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF113581.D
 Acq: 4 Apr 2019 14:08

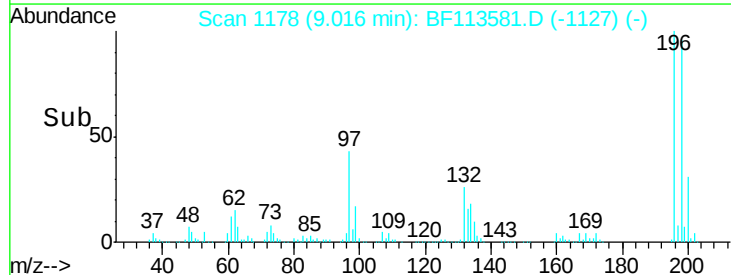
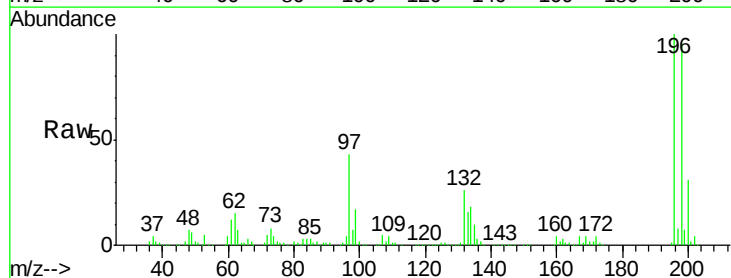
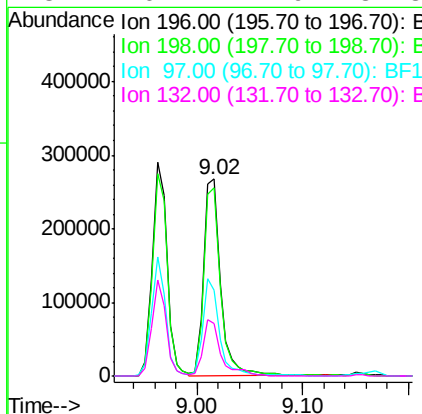
Instrument :
 BNA_F
 ClientSampled :

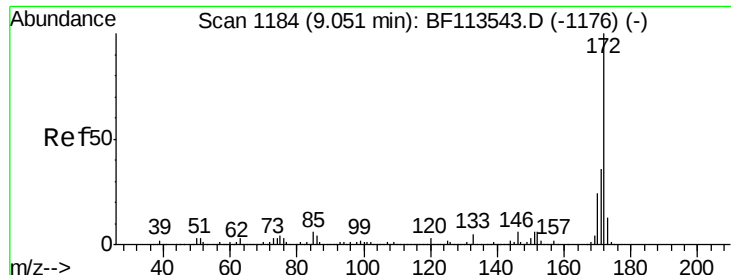
Tot Ion	196	Resp	275347
Ion Ratio	Lower	Upper	
196	100		
198	94.8	77.7	116.5
200	30.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.505 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF113581.D
 Acq: 4 Apr 2019 14:08

Tgt Ion	196	Resp	298281
Ion Ratio	Lower	Upper	
196	100		
198	95.7	75.4	113.2
97	43.3	38.6	58.0
132	26.4	22.9	34.3

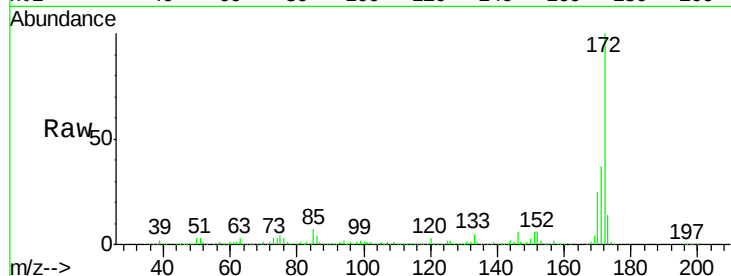




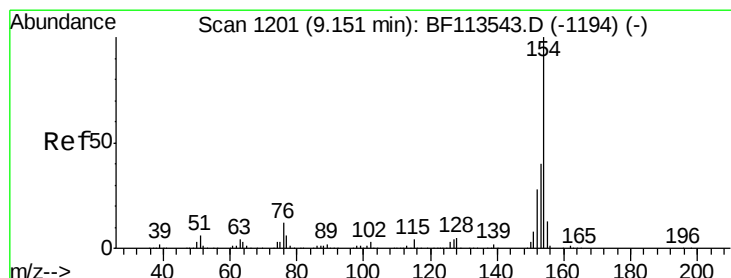
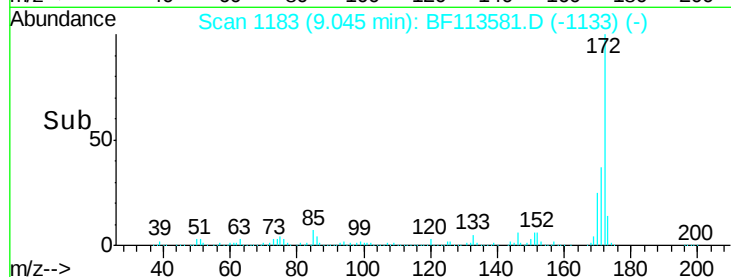
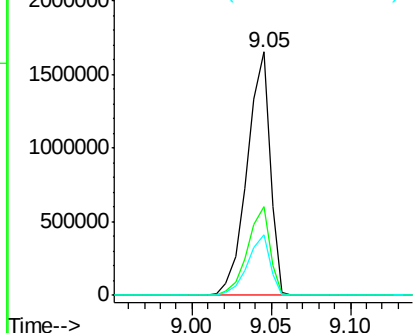
#45
2-Fluorobiphenyl
Concen: 79.520 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1659681
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 24.9 19.5 29.3

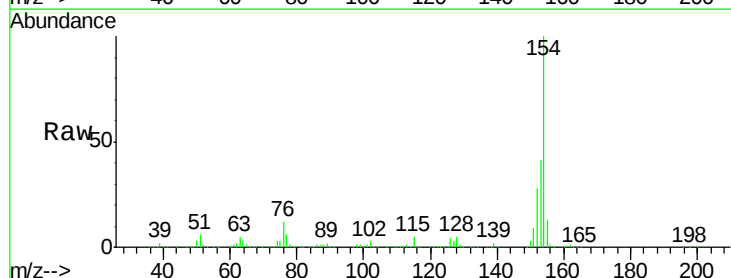


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

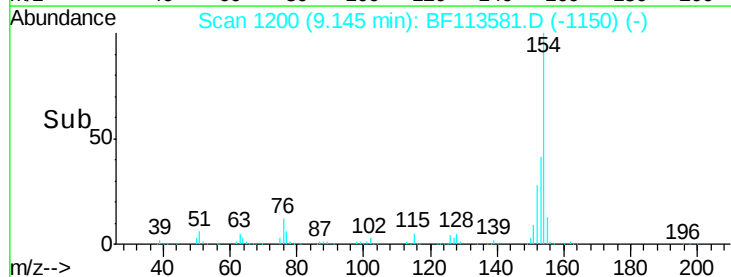
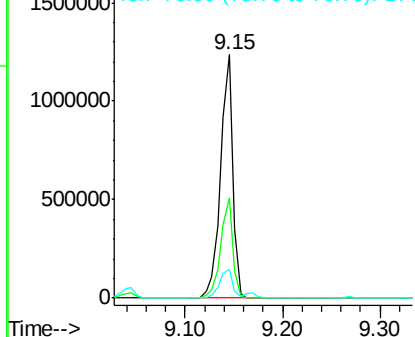


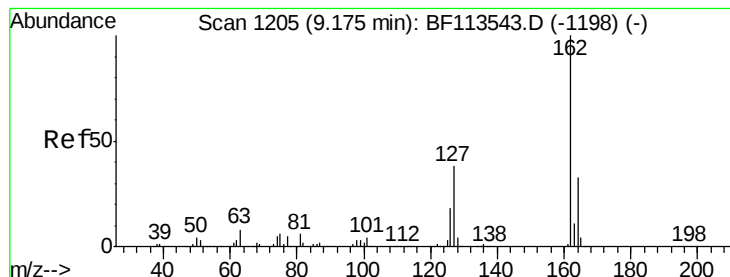
#46
1,1'-Biphenyl
Concen: 38.956 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:154 Resp: 1080113
Ion Ratio Lower Upper
154 100
153 41.1 20.8 60.8
76 11.8 0.0 31.9



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

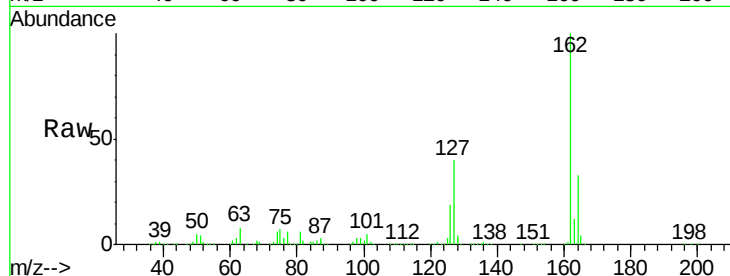




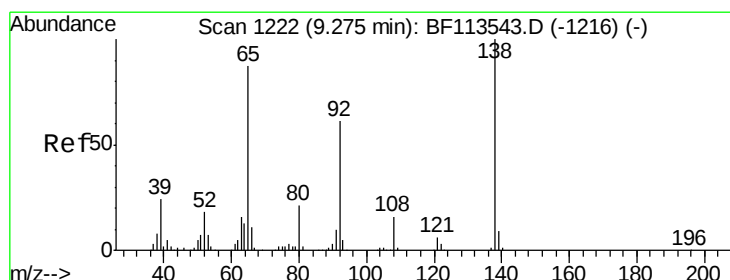
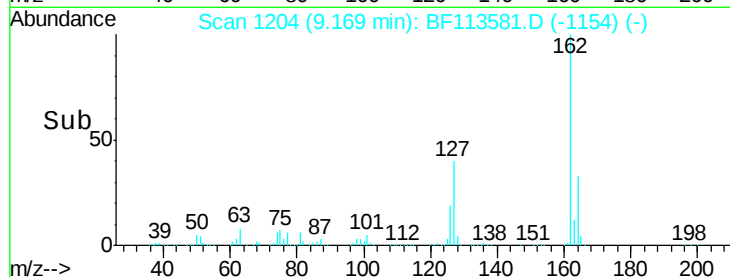
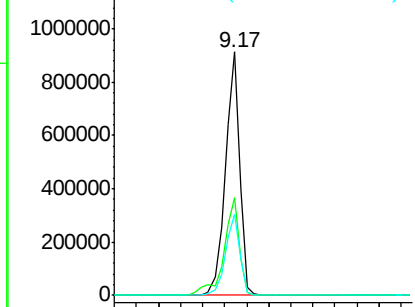
#47
 2-Chloronaphthalene
 Concen: 39.276 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF113581.D
 Acq: 4 Apr 2019 14:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	32.6	49.0
164	33.4	26.6	39.8

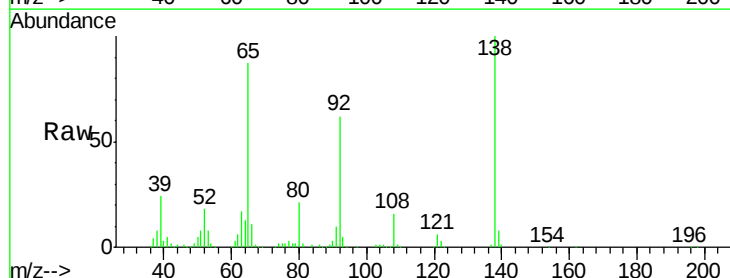


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

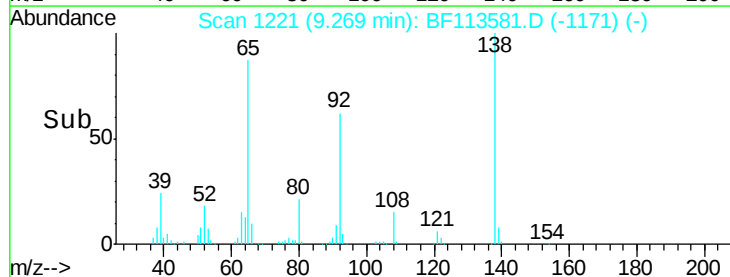
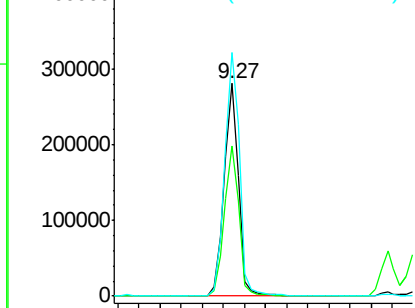


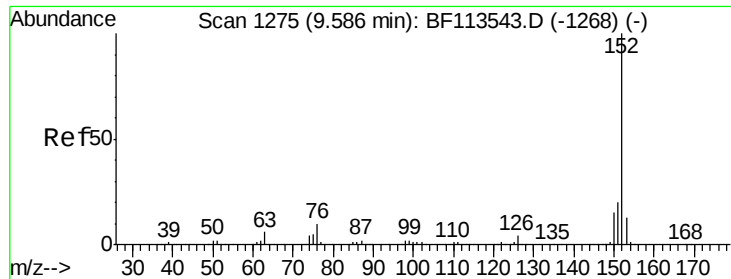
#48
 2-Nitroaniline
 Concen: 41.767 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF113581.D
 Acq: 4 Apr 2019 14:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	56.8	85.2
138	114.6	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: 39.058 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

Instrument :

BNA_F

ClientSampleId :

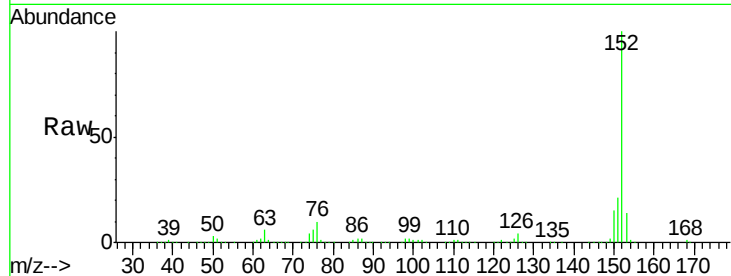
Tot Ion:152 Resp: 1333319

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.4

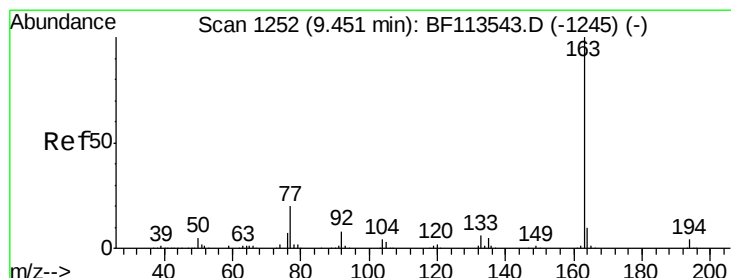
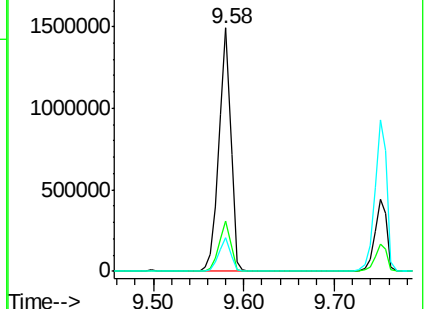
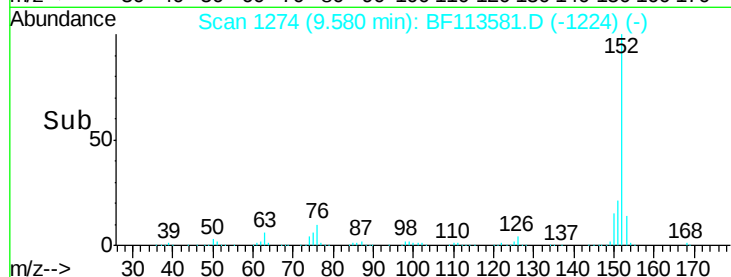
153 13.7 11.0 16.6



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: 41.083 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

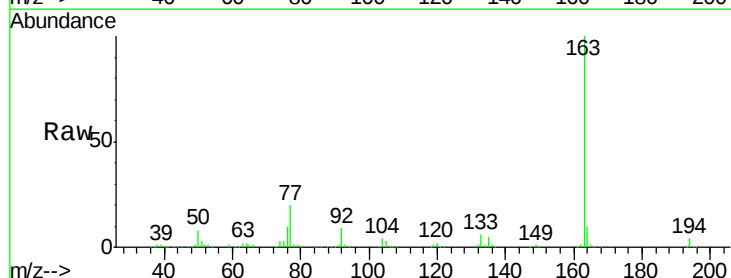
Tgt Ion:163 Resp: 1017548

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

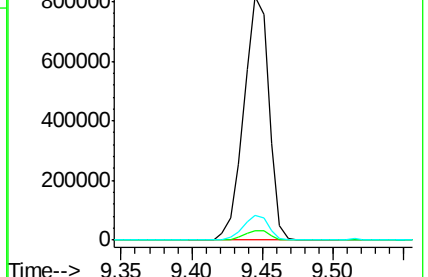
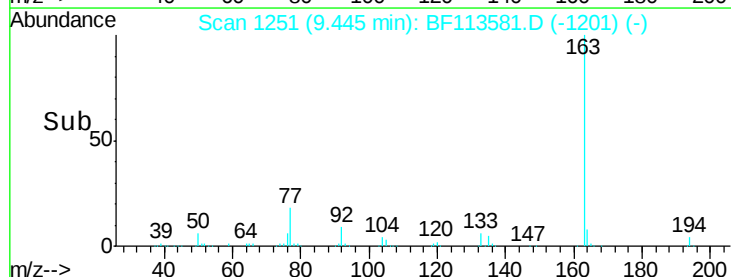
164 10.2 8.1 12.1

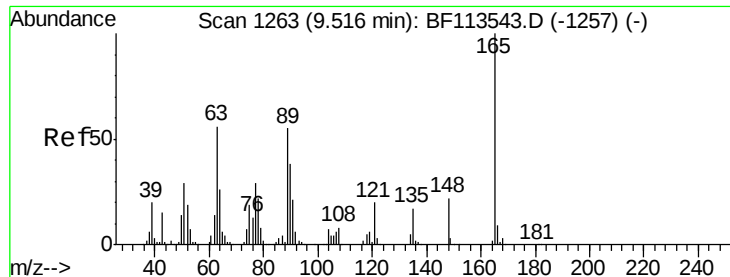


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

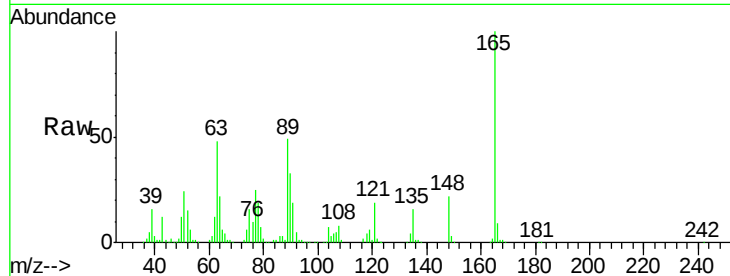




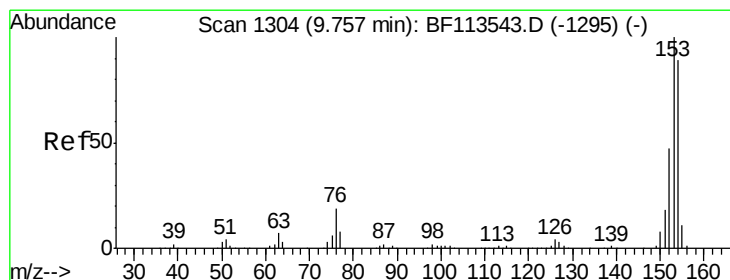
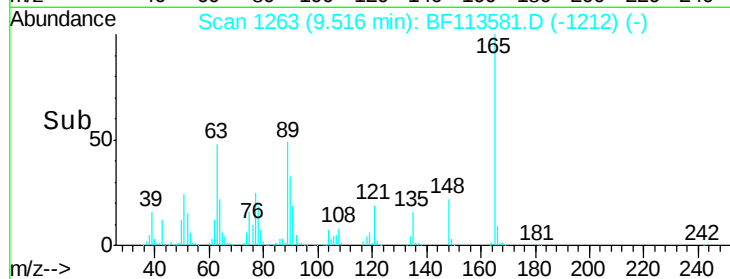
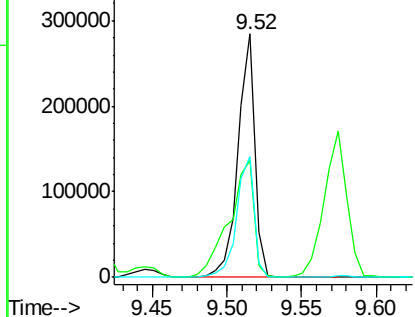
#51
 2,6-Dinitrotoluene
 Concen: 41.525 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF113581.D
 Acq: 4 Apr 2019 14:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 226707
 Ion Ratio Lower Upper
 165 100
 63 48.0 43.4 65.0
 89 49.4 43.1 64.7

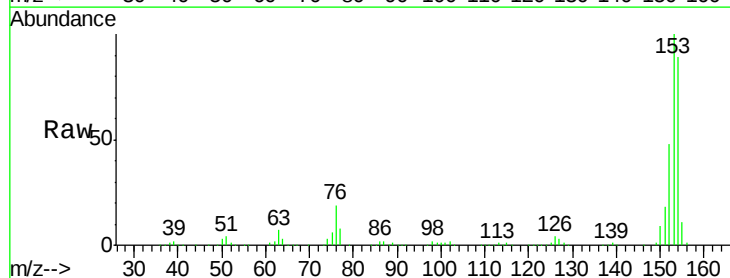


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

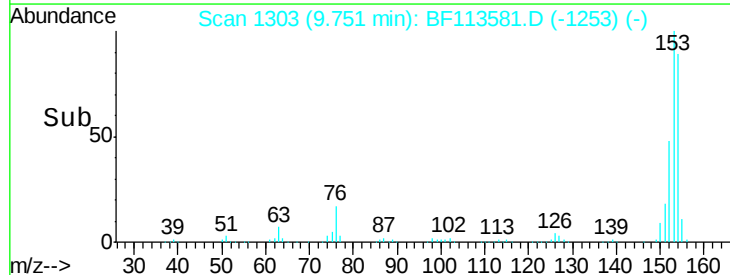
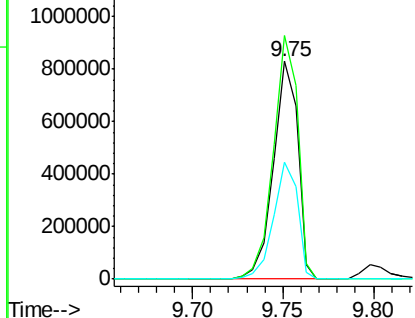


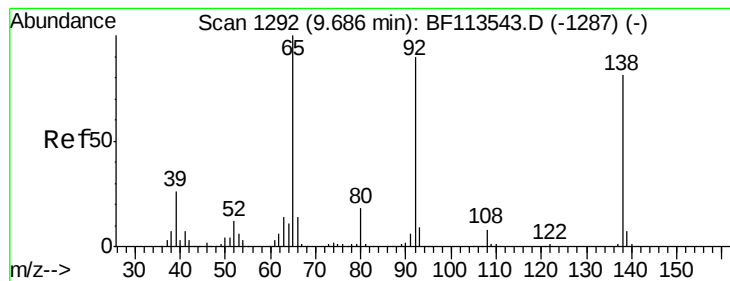
#52
 Acenaphthene
 Concen: 39.782 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF113581.D
 Acq: 4 Apr 2019 14:08

Tgt Ion:154 Resp: 777368
 Ion Ratio Lower Upper
 154 100
 153 111.9 89.5 134.3
 152 53.6 43.3 64.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 42.395 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

Instrument :

BNA_F

ClientSampleId :

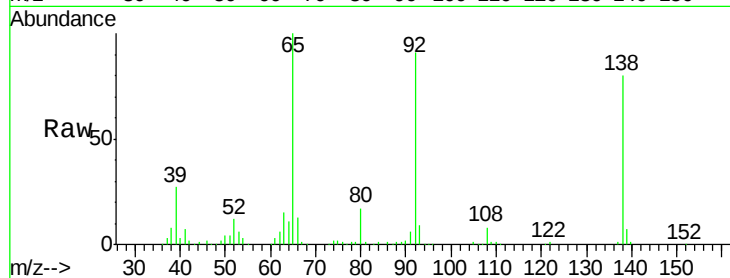
Tot Ion:138 Resp: 263158

Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.6

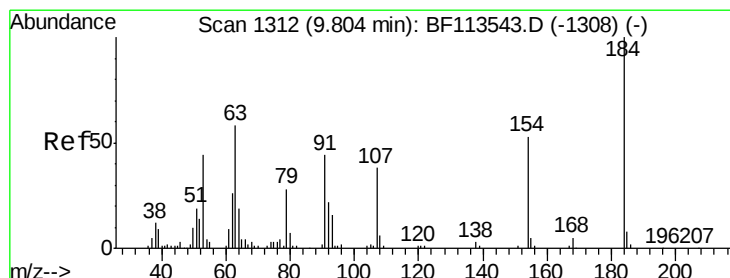
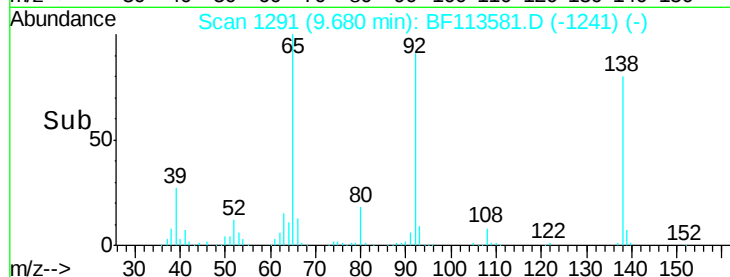
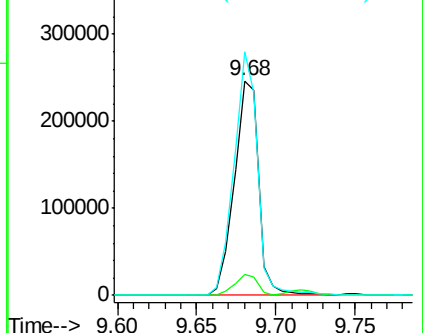
92 113.4 82.6 124.0



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: 42.413 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

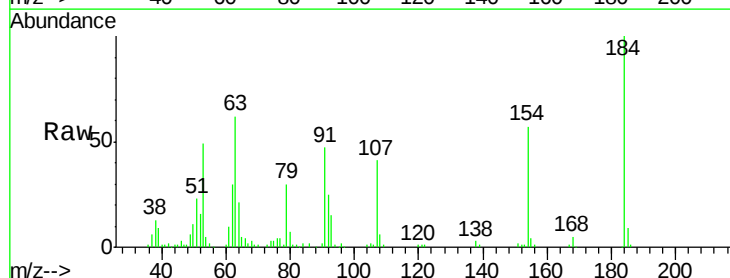
Tgt Ion:184 Resp: 108332

Ion Ratio Lower Upper

184 100

63 62.2 54.3 81.5

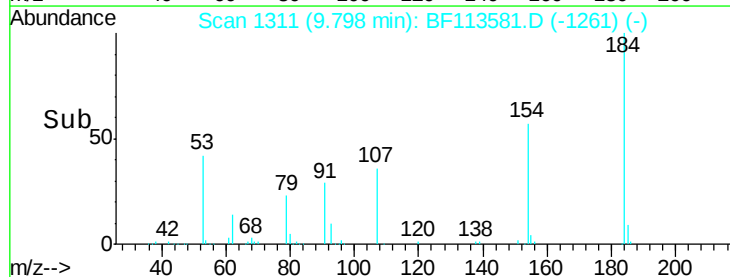
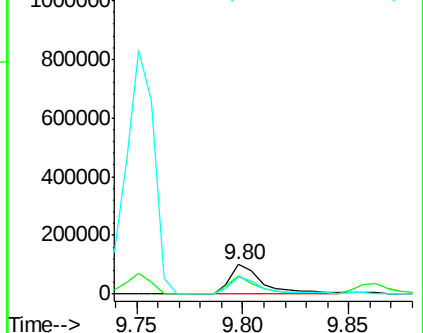
154 57.2 48.4 72.6

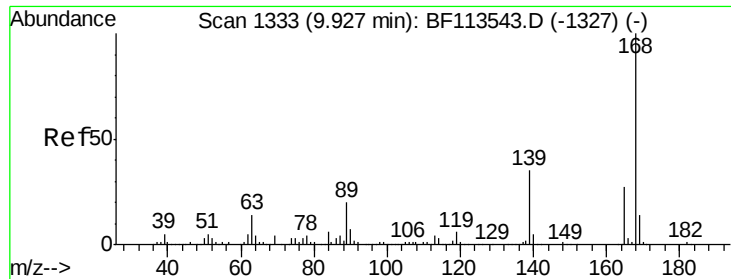


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

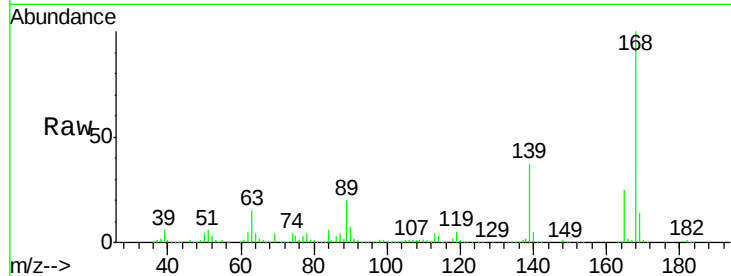




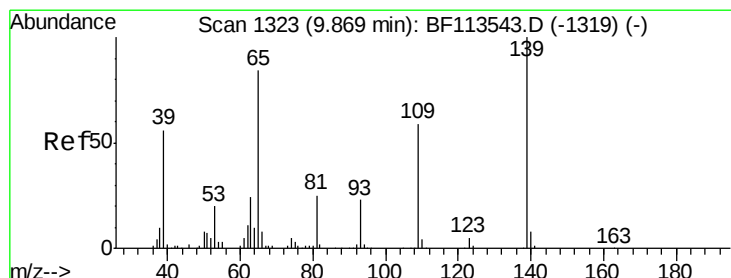
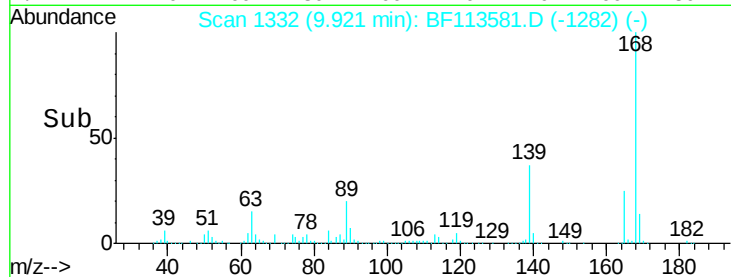
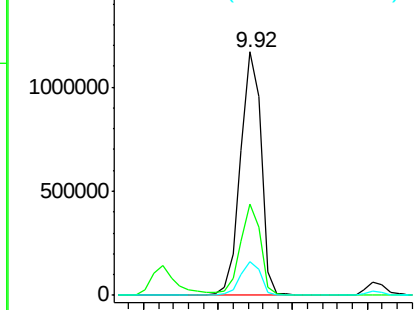
#55
Dibenzenofuran
Concen: 39.560 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1133956
Ion Ratio Lower Upper
168 100
139 37.3 29.7 44.5
169 13.9 10.7 16.1

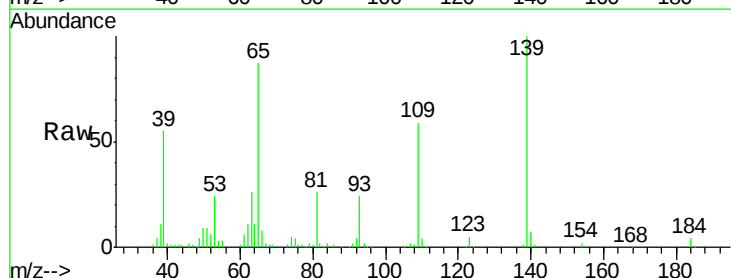


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

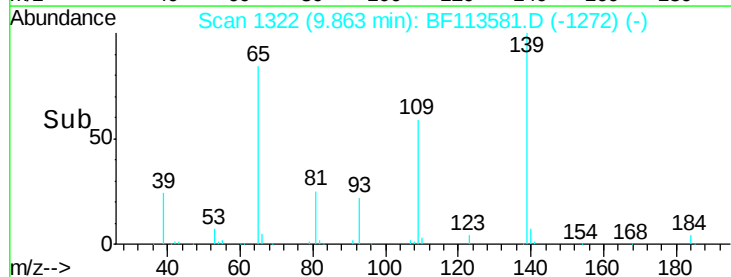
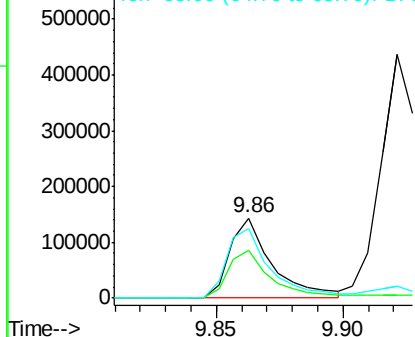


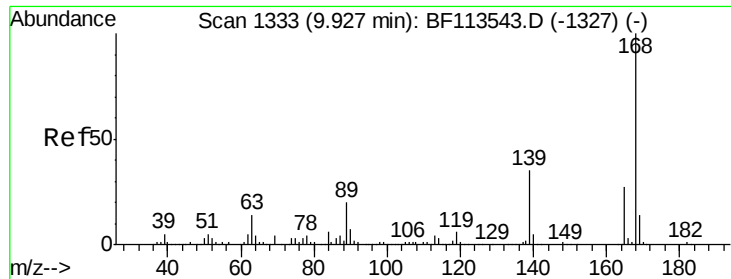
#56
4-Nitrophenol
Concen: 43.296 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:139 Resp: 166712
Ion Ratio Lower Upper
139 100
109 59.5 46.9 86.9
65 87.2 77.2 117.2



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

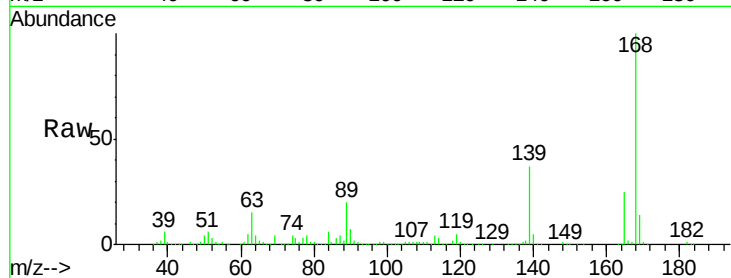




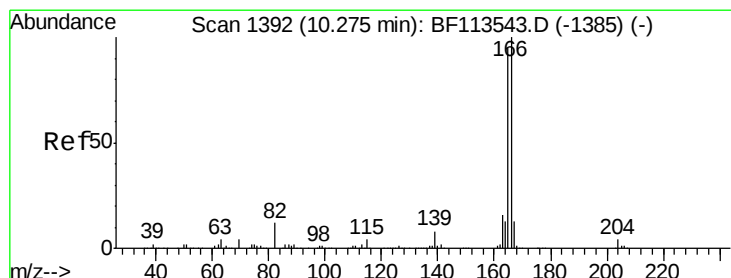
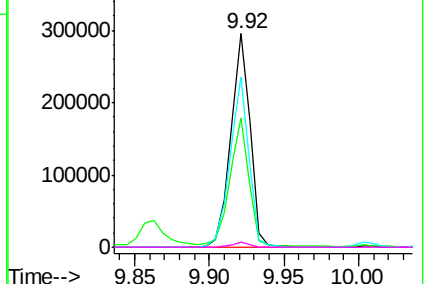
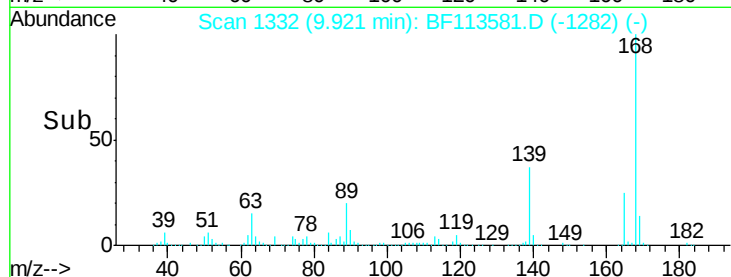
#57
 2,4-Dinitrotoluene
 Concen: 41.289 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF113581.D
 Acq: 4 Apr 2019 14:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 272629
 Ion Ratio Lower Upper
 165 100
 63 60.3 37.5 56.3#
 89 79.9 57.4 86.2
 182 2.5 2.0 3.0

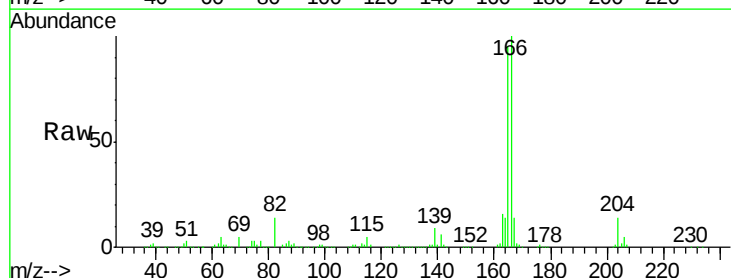


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

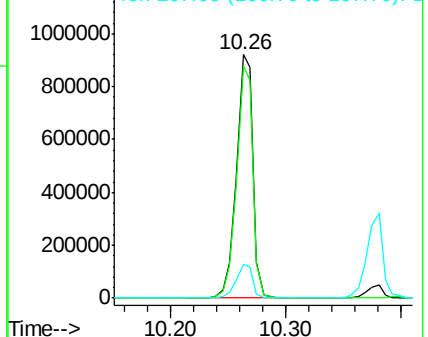
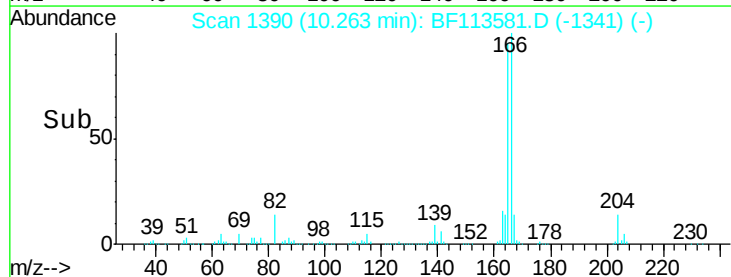


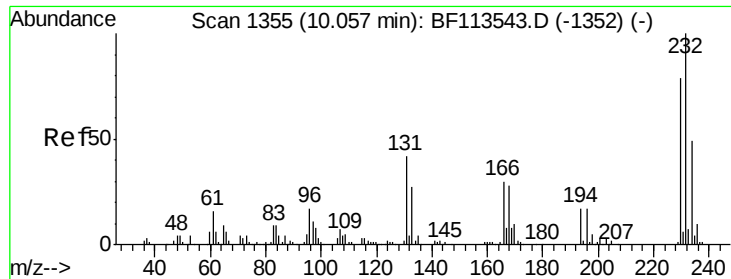
#58
 Fluorene
 Concen: 39.864 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF113581.D
 Acq: 4 Apr 2019 14:08

Tgt Ion:166 Resp: 903765
 Ion Ratio Lower Upper
 166 100
 165 95.1 76.2 114.2
 167 14.0 10.7 16.1



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

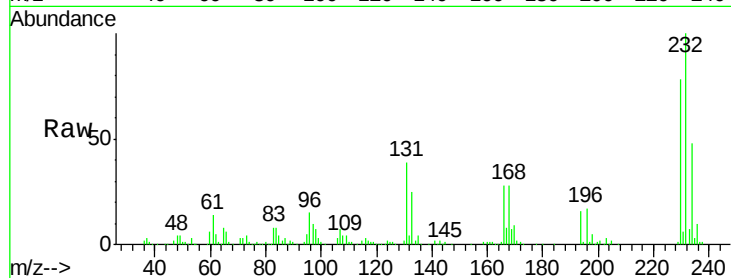




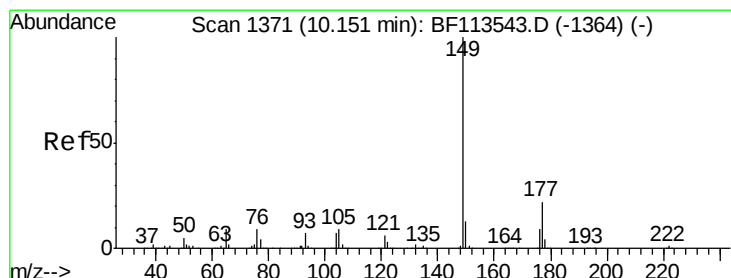
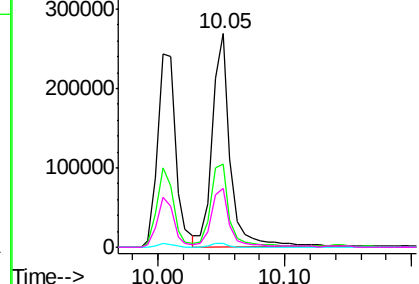
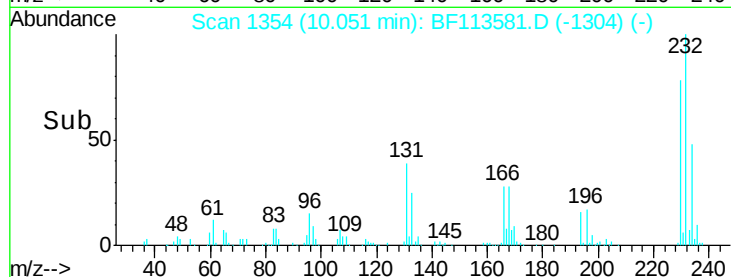
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.233 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 262834
Ion Ratio Lower Upper
232 100
131 42.1 33.2 49.8
130 2.0 1.6 2.4
166 28.2 21.0 31.6

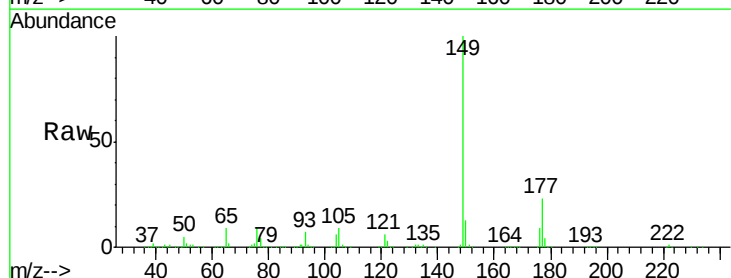


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

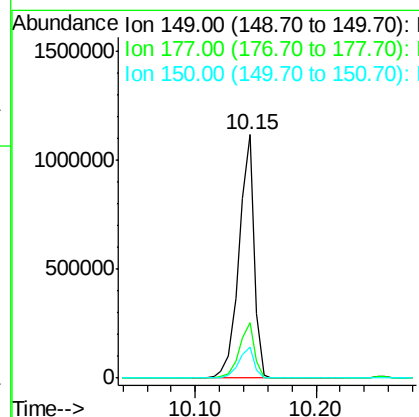
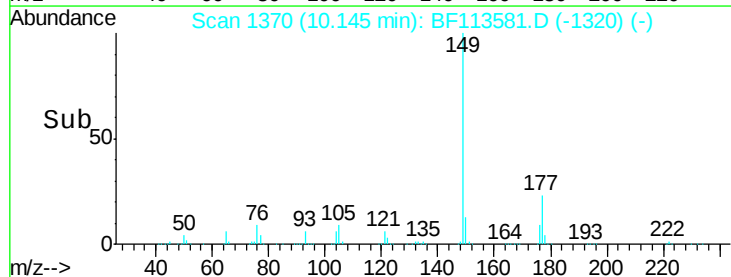


#60
Diethylphthalate
Concen: 40.910 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:149 Resp: 976916
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

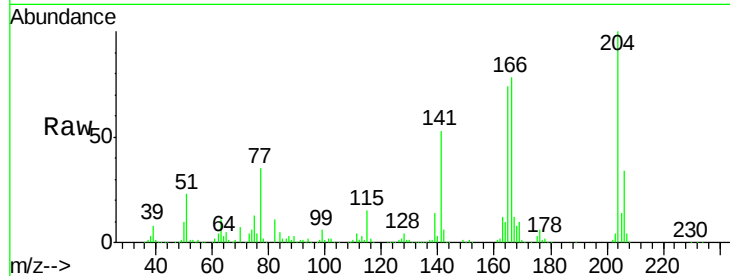




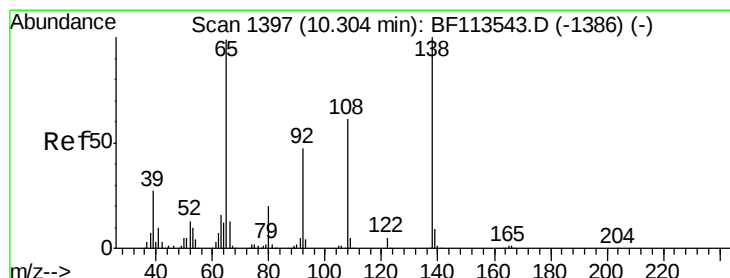
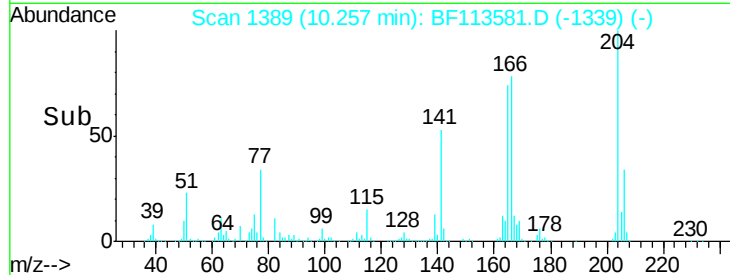
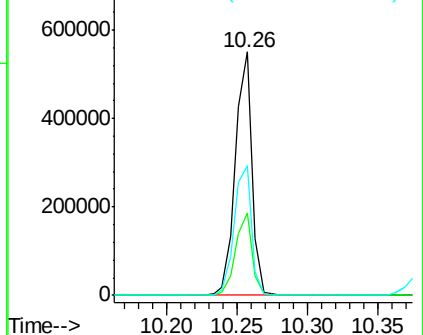
#61
4-Chlorophenyl-phenylether
Concen: 40.489 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 451507
Ion Ratio Lower Upper
204 100
206 33.6 26.9 40.3
141 53.1 48.8 73.2

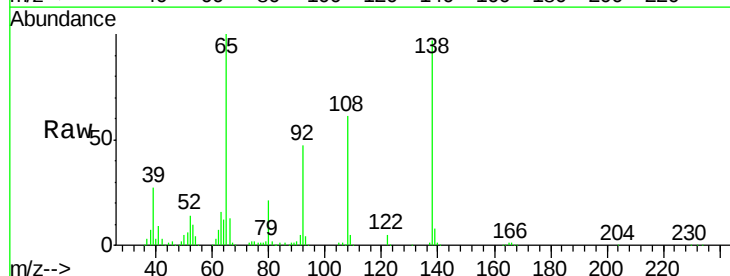


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

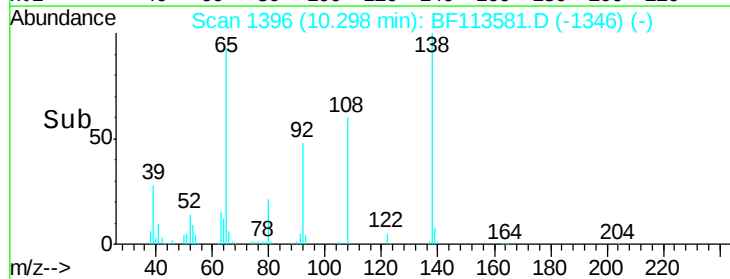
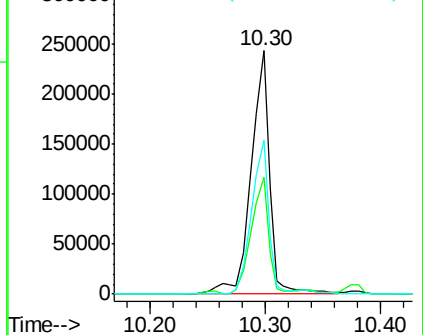


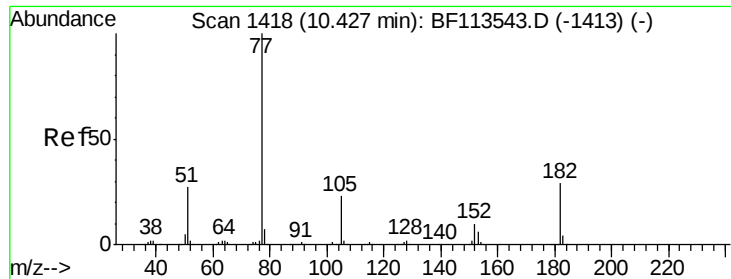
#62
4-Nitroaniline
Concen: 42.958 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:138 Resp: 271152
Ion Ratio Lower Upper
138 100
92 48.0 25.8 65.8
108 63.4 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

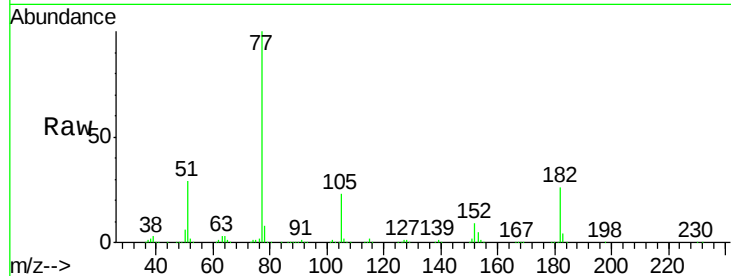




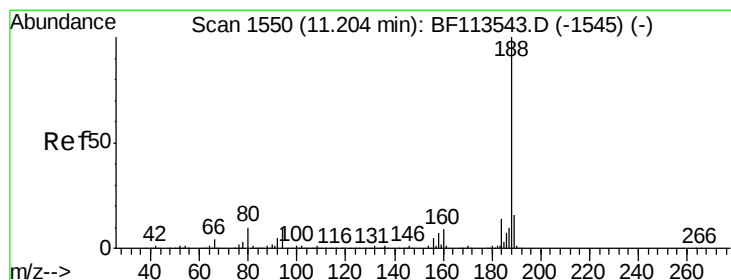
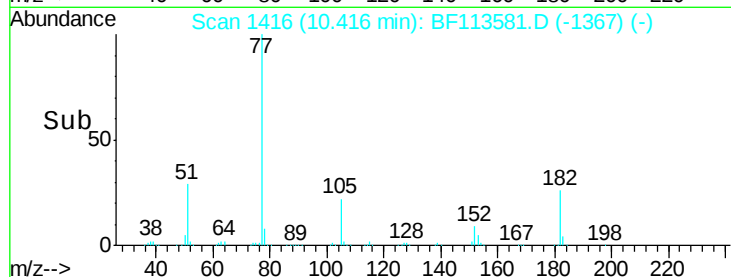
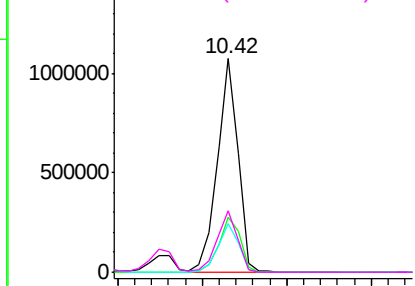
#63
Azobenzene
Concen: 40.574 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 917402
Ion Ratio Lower Upper
77 100
182 25.8 8.7 48.7
105 22.9 2.9 42.9
51 28.9 8.8 48.8

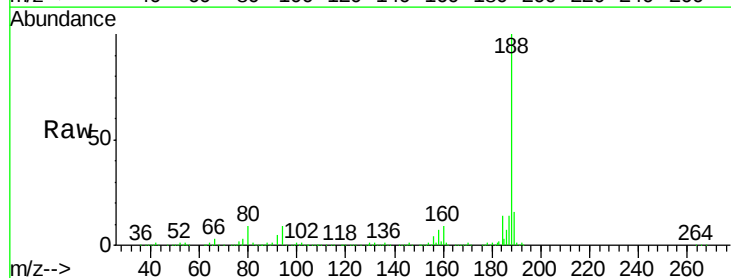


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

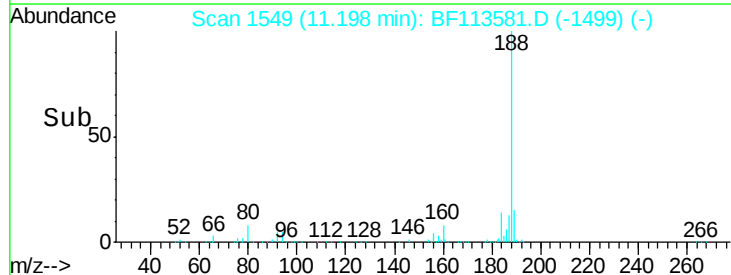
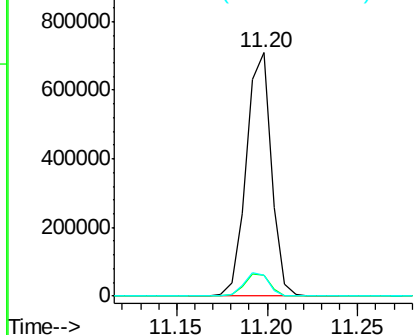


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion: 188 Resp: 681984
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 8.7 7.7 11.5



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





#65

4,6-Dinitro-2-methylphenol

Concen: 42.941 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

Instrument :

BNA_F

ClientSampleId :

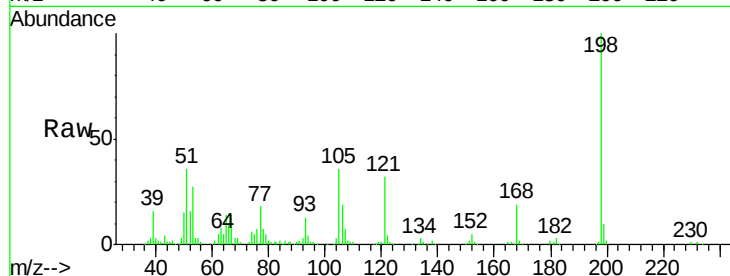
Tot Ion:198 Resp: 154173

Ion Ratio Lower Upper

198 100

51 35.7 21.6 61.6

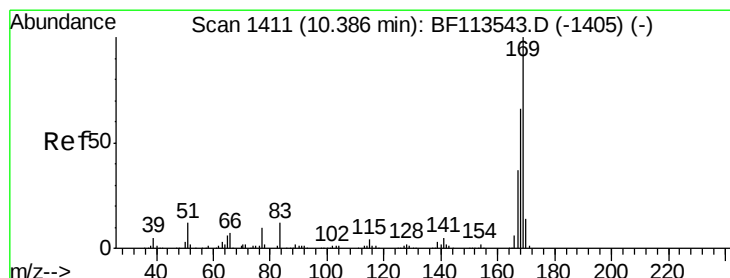
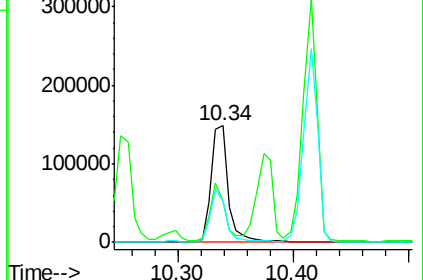
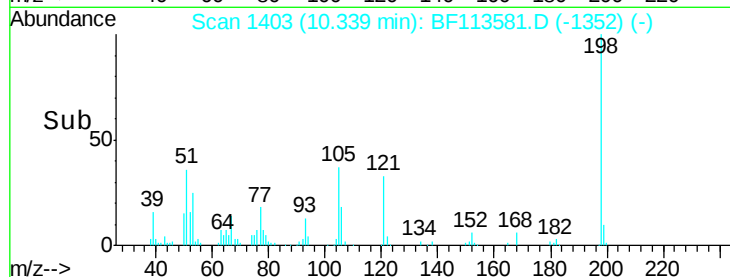
105 36.0 20.6 60.6



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: 39.578 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

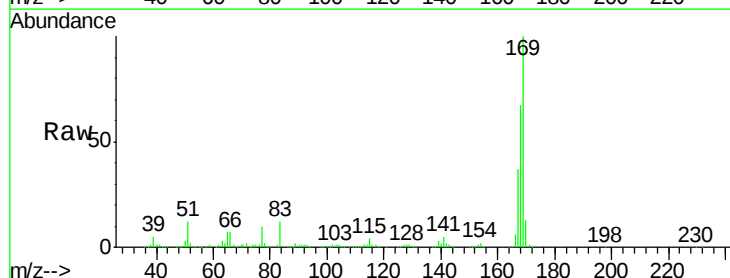
Tgt Ion:169 Resp: 828631

Ion Ratio Lower Upper

169 100

168 67.4 53.7 80.5

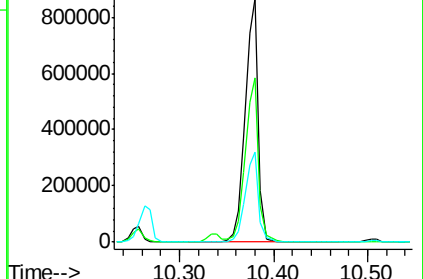
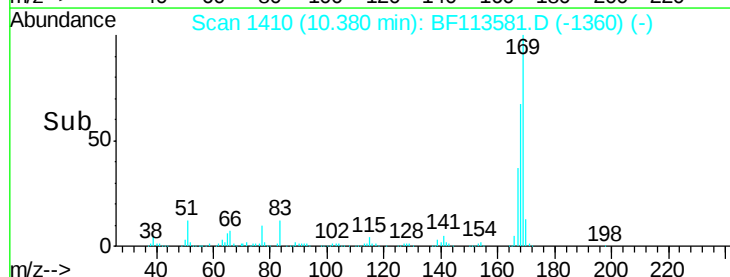
167 37.2 29.5 44.3

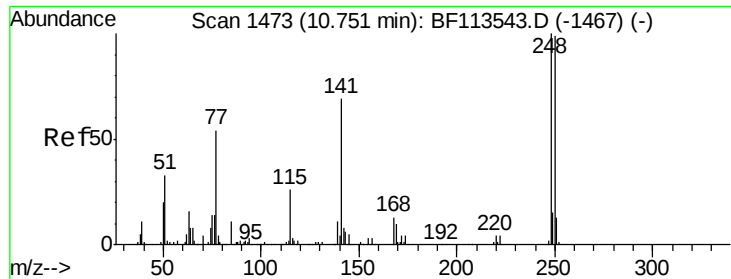


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

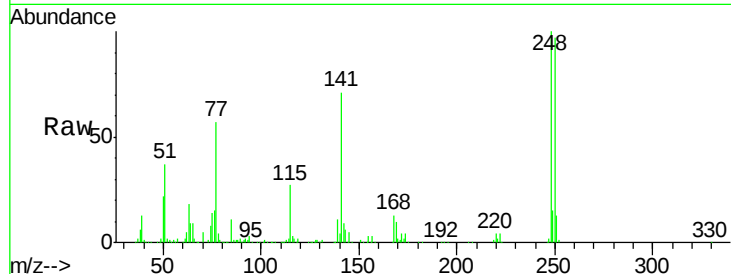




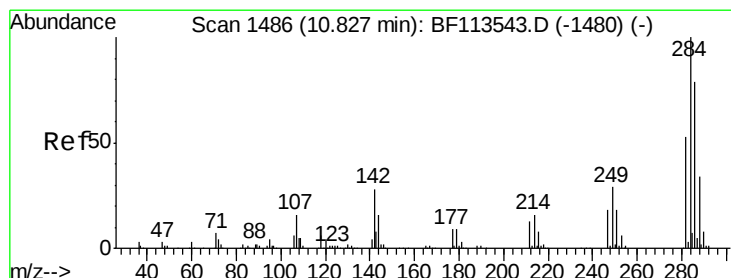
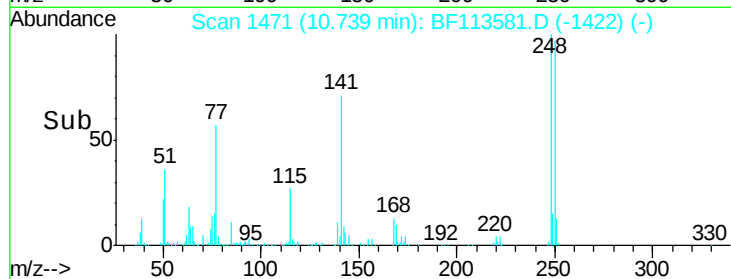
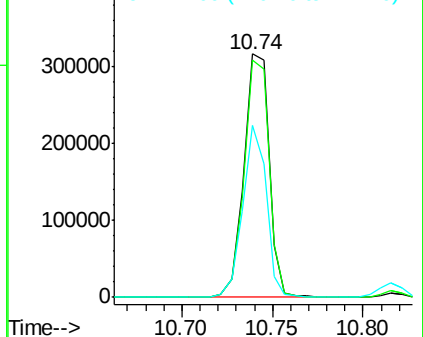
#67
4-Bromophenyl-phenylether
Concen: 40.165 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 307214
Ion Ratio Lower Upper
248 100
250 97.4 78.3 117.5
141 70.6 56.2 84.4

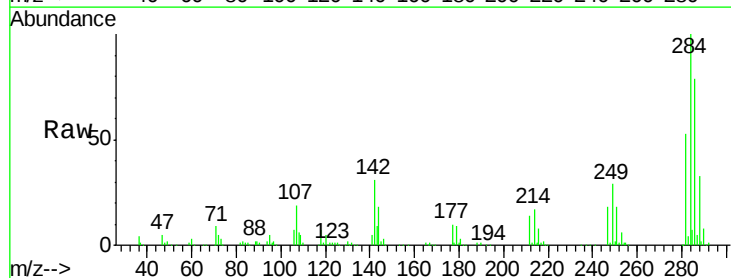


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

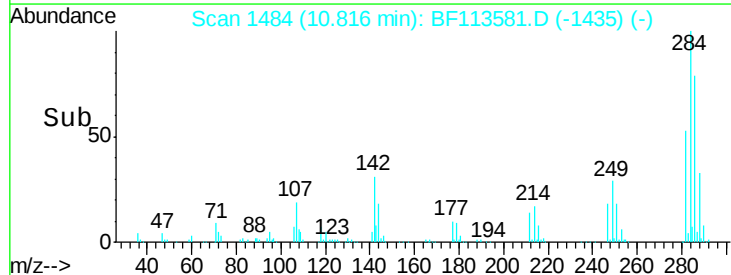
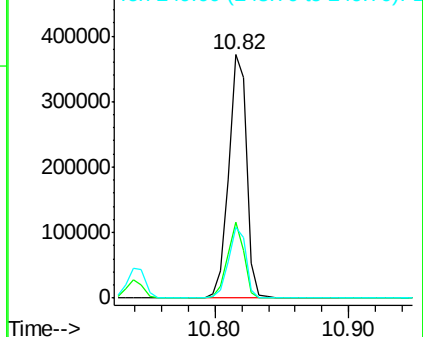


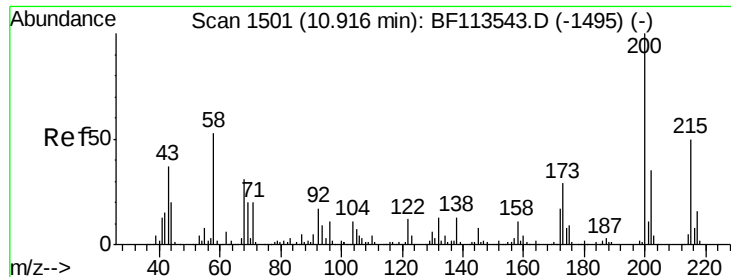
#68
Hexachlorobenzene
Concen: 40.425 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:284 Resp: 354289
Ion Ratio Lower Upper
284 100
142 31.1 20.1 30.1#
249 29.1 22.7 34.1



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

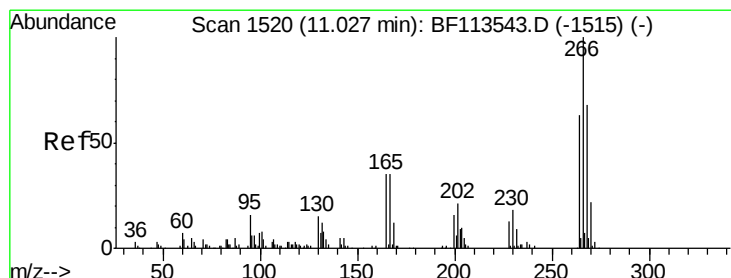
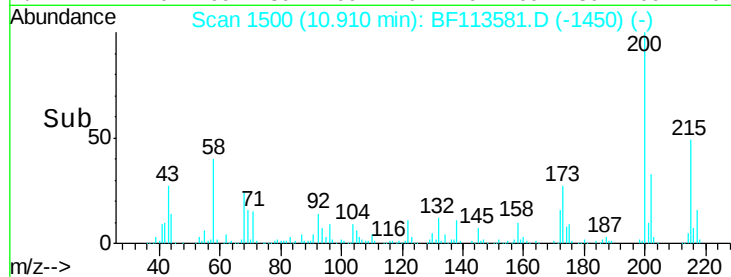
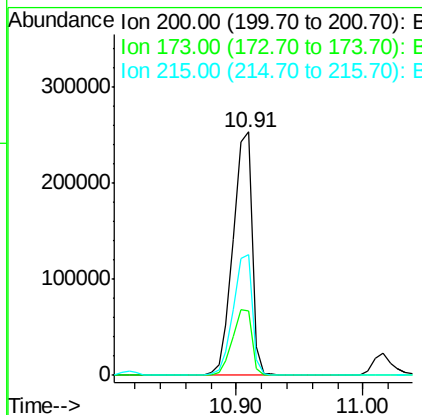
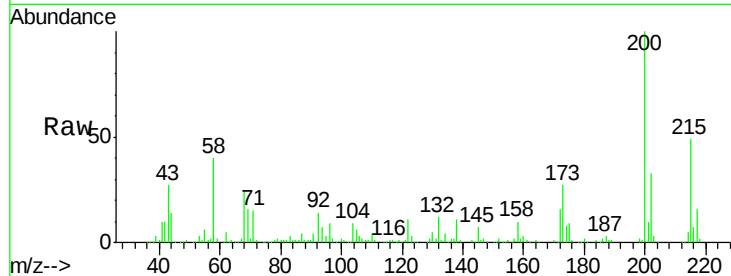




#69
Atrazine
Concen: 39.720 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

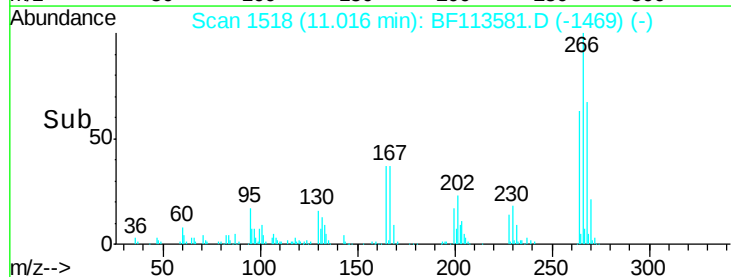
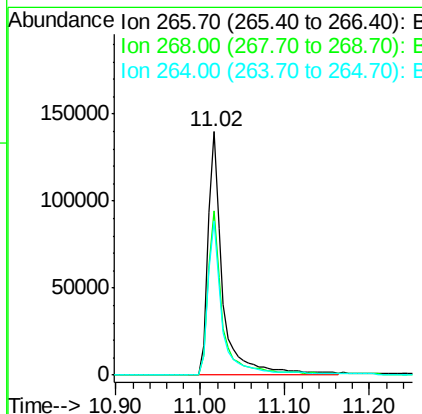
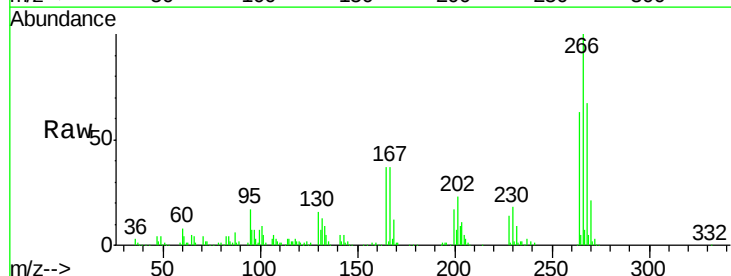
Instrument :
BNA_F
ClientSampleId :

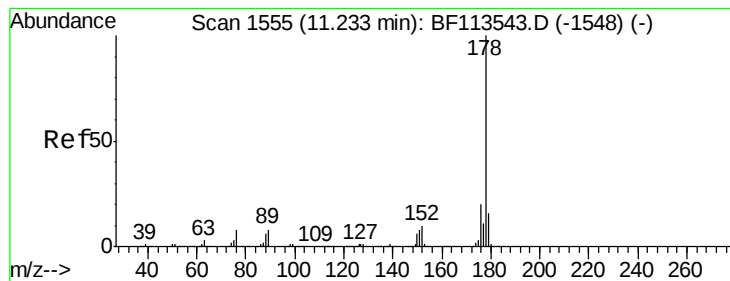
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.0	46.0
215	49.5	31.3	71.3



#70
Pentachlorophenol
Concen: 41.673 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.5	53.8	80.6
264	63.5	49.2	73.8





#71

Phenanthrene

Concen: 39.552 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

Instrument :

BNA_F

ClientSampleId :

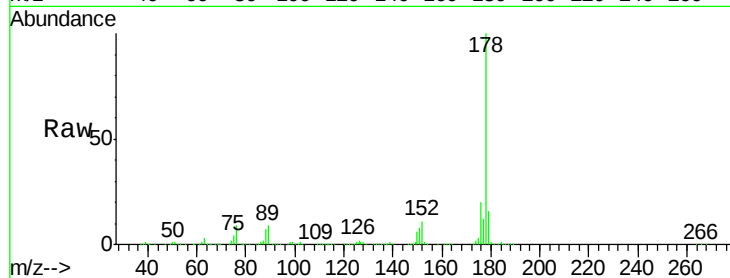
Tot Ion:178 Resp: 1340362

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.2

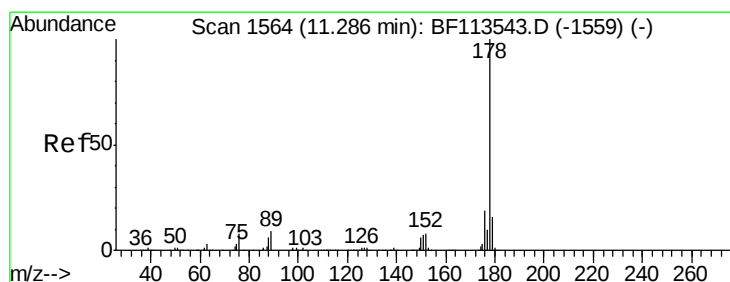
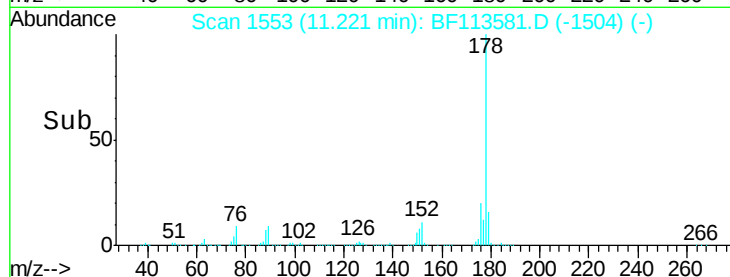
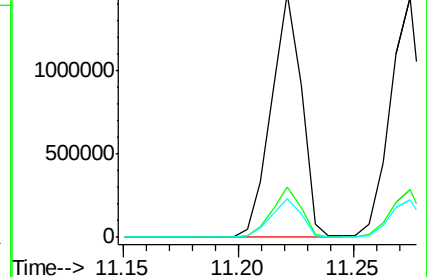
179 16.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.055 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.01 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

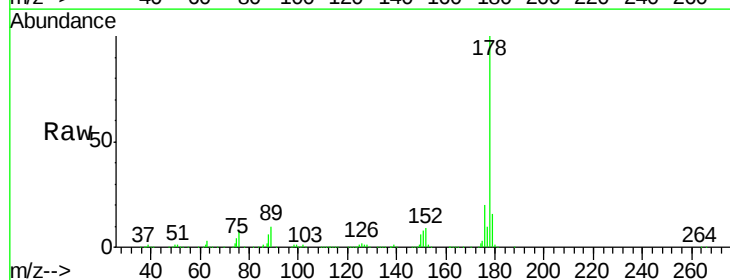
Tgt Ion:178 Resp: 1381047

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.2

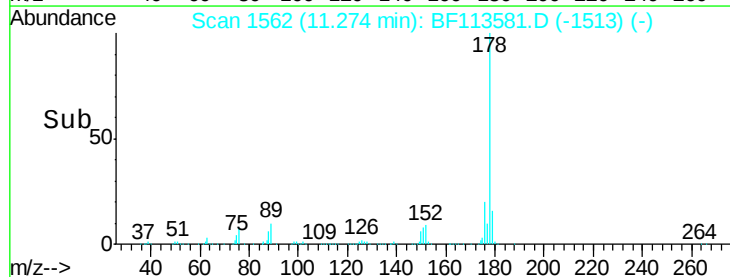
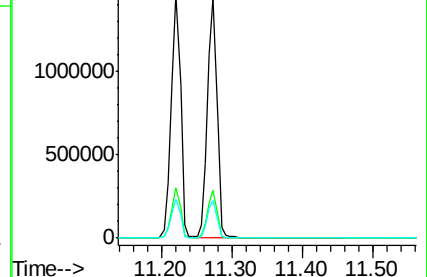
179 15.9 12.8 19.2

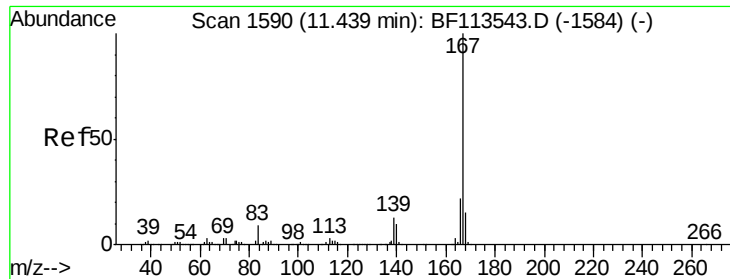


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



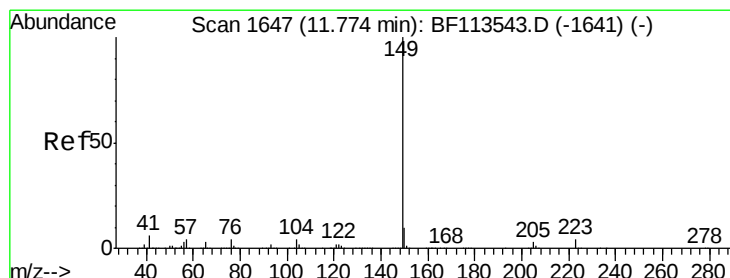
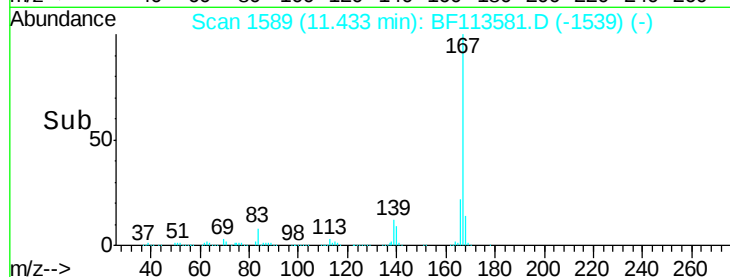
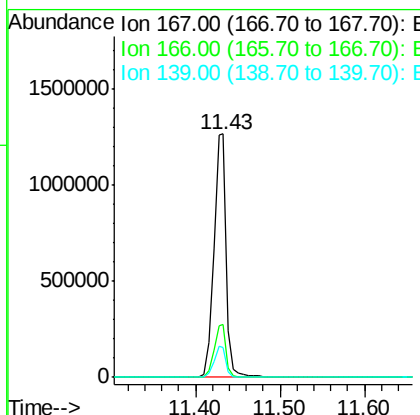
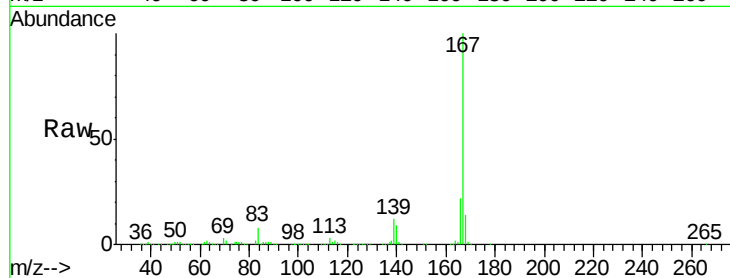


#73
 Carbazole
 Concen: 41.212 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF113581.D
 Acq: 4 Apr 2019 14:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1328980

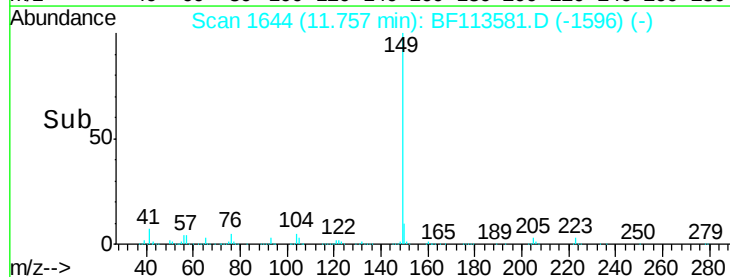
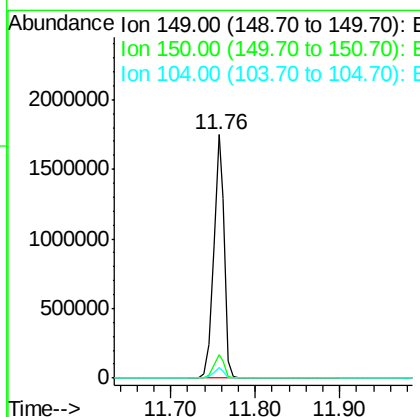
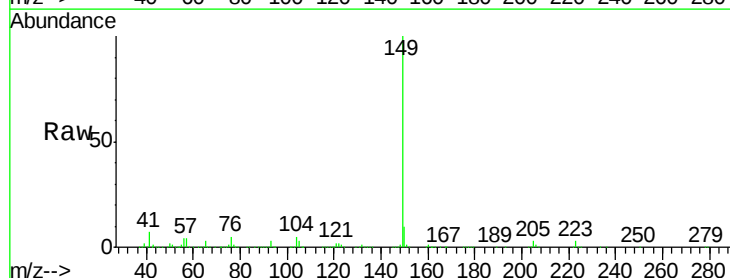
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	12.4	10.4	15.6

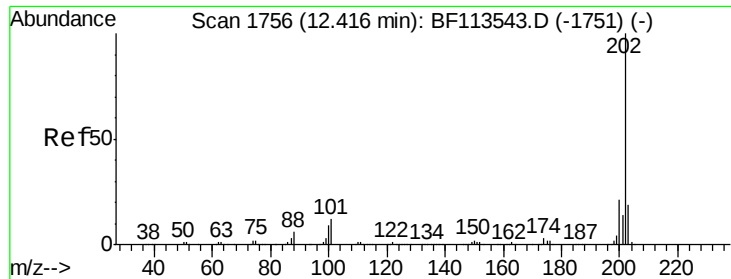


#74
 Di-n-butylphthalate
 Concen: 40.672 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. -0.02 min
 Lab File: BF113581.D
 Acq: 4 Apr 2019 14:08

Tgt Ion:149 Resp: 1560221

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	4.5	3.7	5.5





#75

Fluoranthene

Concen: 41.196 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

Instrument :

BNA_F

ClientSampleId :

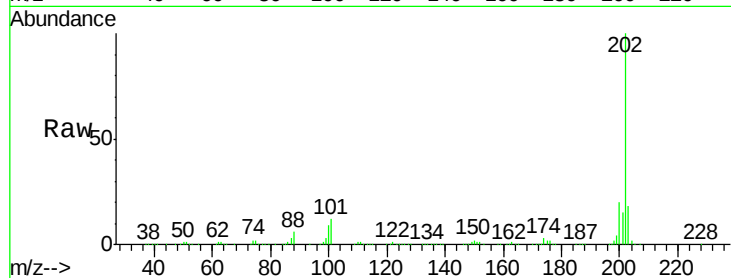
Tot Ion:202 Resp: 1495984

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.4

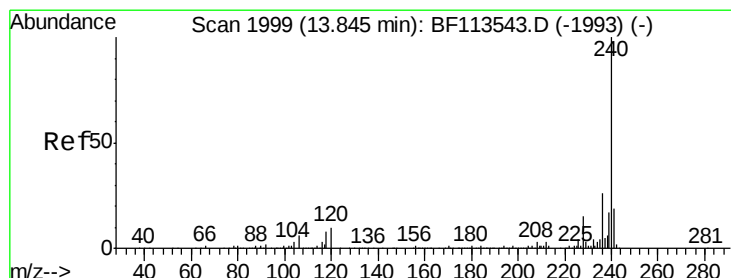
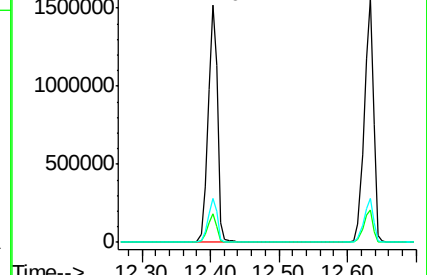
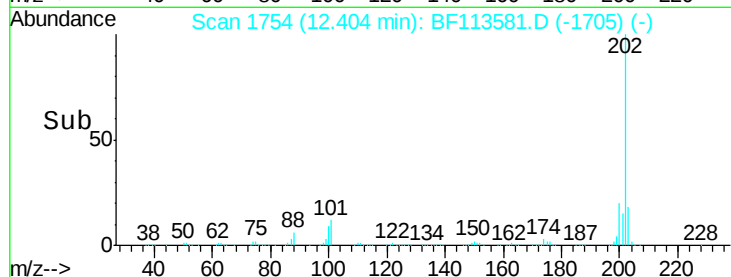
203 18.3 0.0 38.0



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: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

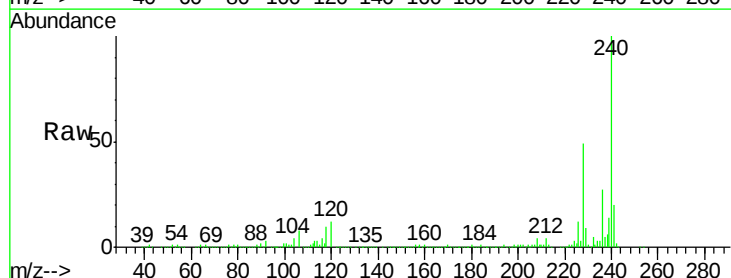
Tgt Ion:240 Resp: 512590

Ion Ratio Lower Upper

240 100

120 12.0 8.8 13.2

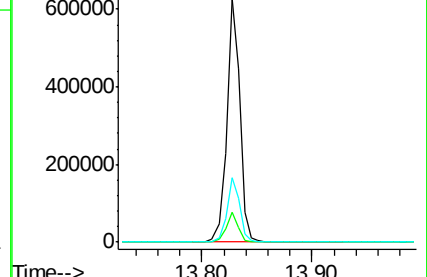
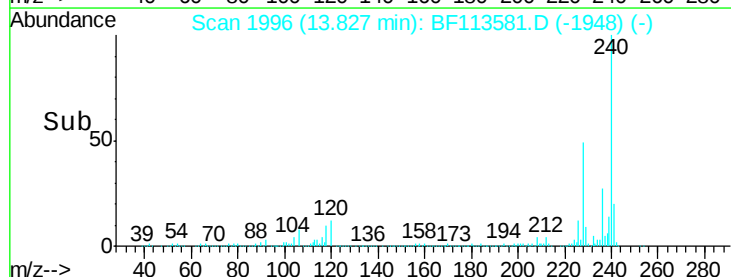
236 26.6 20.9 31.3

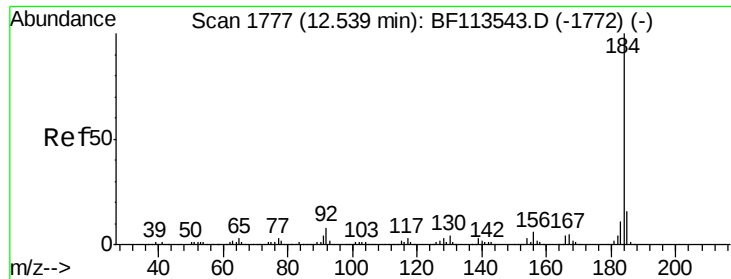


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.884 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

Instrument :

BNA_F

ClientSampleId :

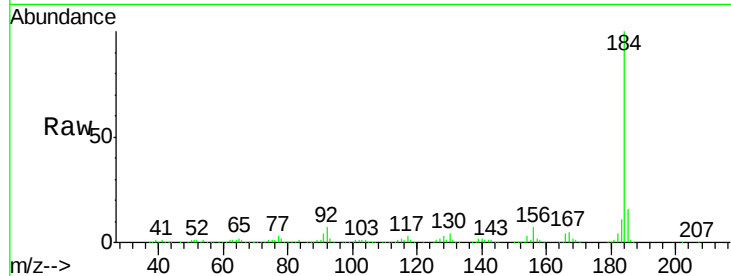
Tot Ion:184 Resp: 855551

Ion Ratio Lower Upper

184 100

185 15.8 13.0 19.6

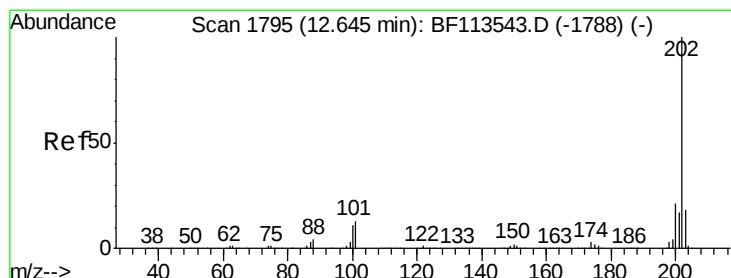
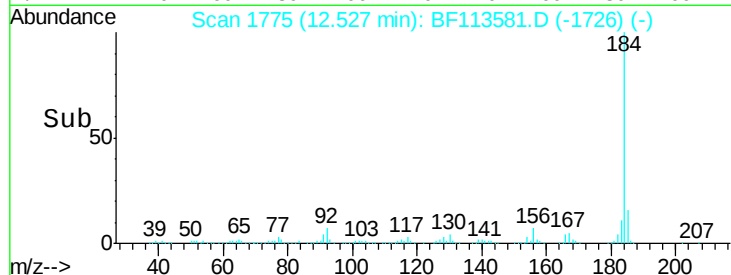
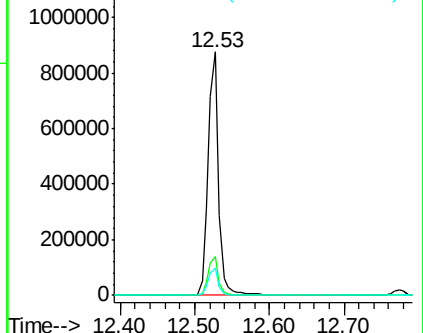
183 11.1 9.0 13.4



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: 38.617 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

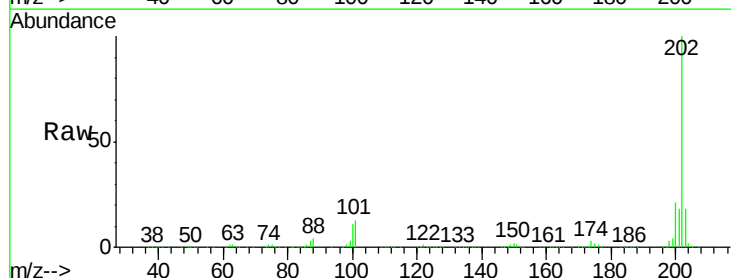
Tgt Ion:202 Resp: 1506167

Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

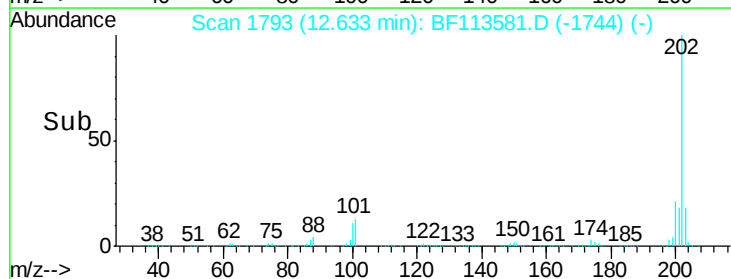
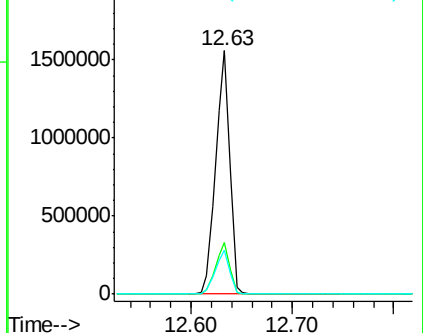
203 18.2 14.4 21.6

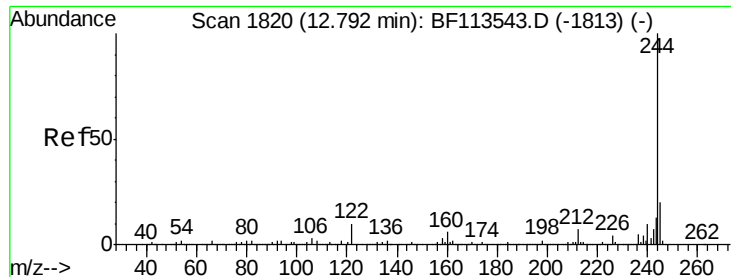


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.934 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

Instrument :

BNA_F

ClientSampleId :

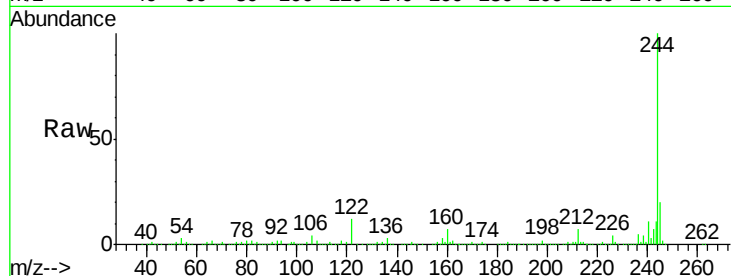
Tot Ion:244 Resp: 1911719

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.6 8.6 13.0

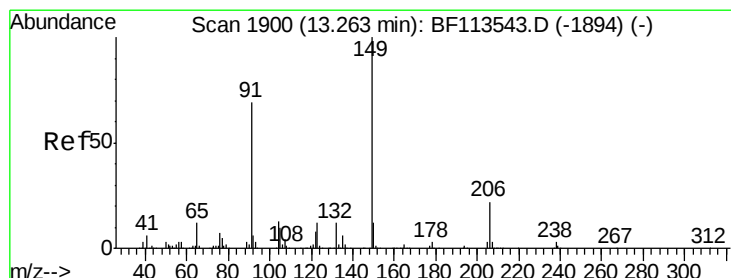
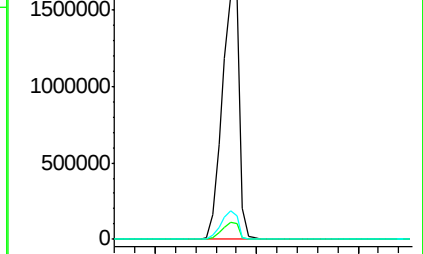
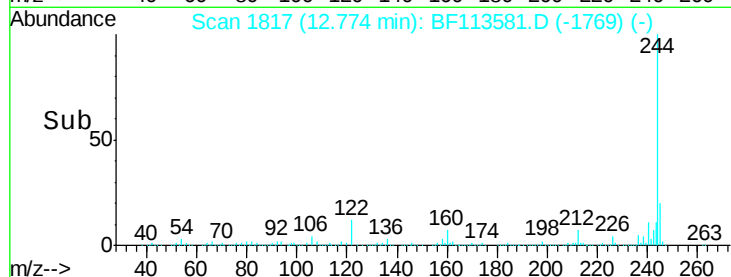


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.77



#80

Butylbenzylphthalate

Concen: 41.153 ng

RT: 13.24 min Scan# 1897

Delta R.T. -0.02 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

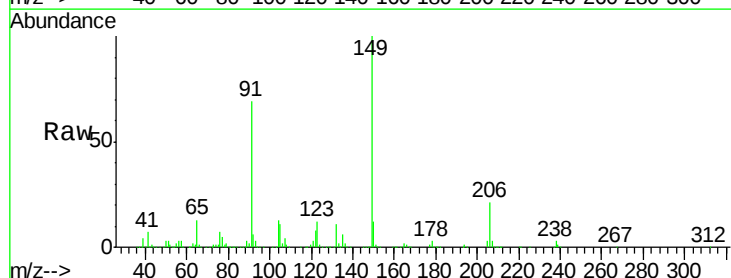
Tgt Ion:149 Resp: 653361

Ion Ratio Lower Upper

149 100

91 68.8 55.2 82.8

206 20.7 16.1 24.1

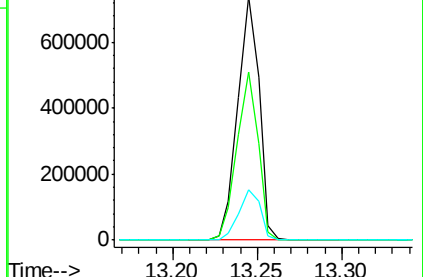
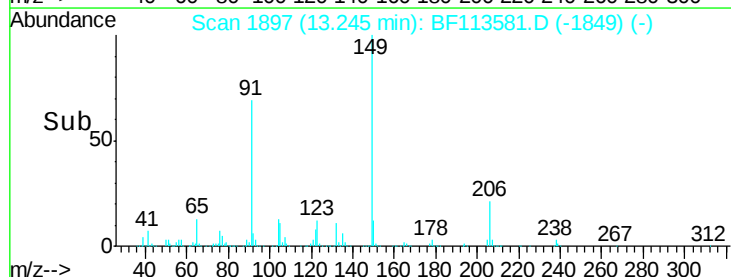


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

13.24





#81

Benzo(a)anthracene

Concen: 40.602 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

Instrument :

BNA_F

ClientSampleId :

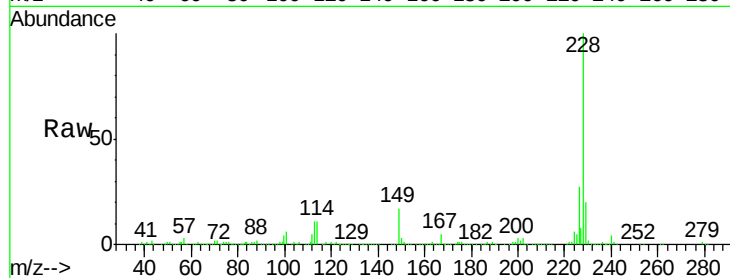
Tot Ion:228 Resp: 1200556

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

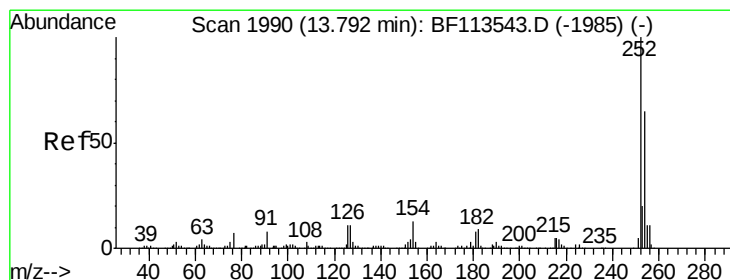
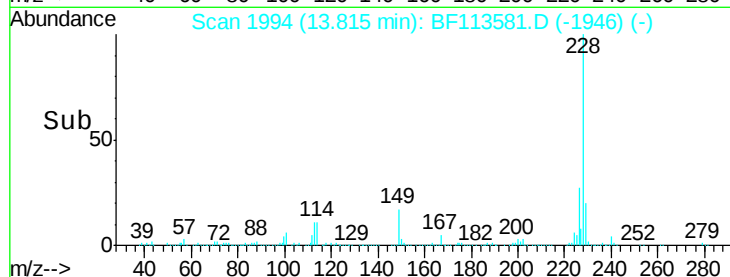
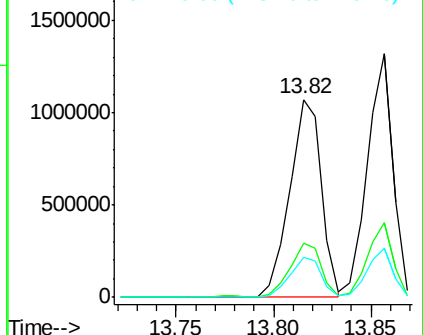
229 20.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.798 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF113581.D

Acq: 4 Apr 2019 14:08

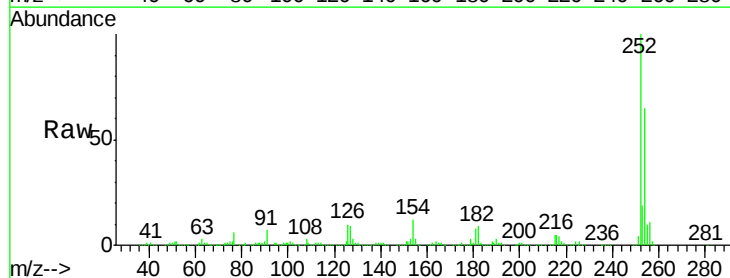
Tgt Ion:252 Resp: 487431

Ion Ratio Lower Upper

252 100

254 65.4 52.2 78.2

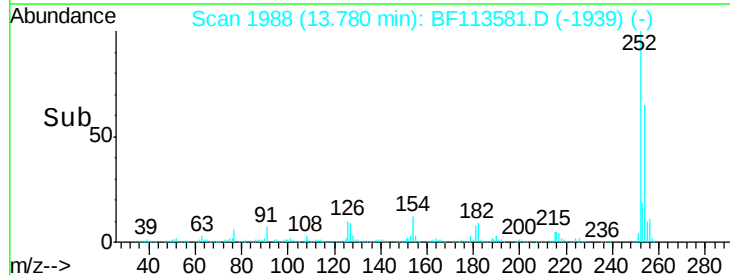
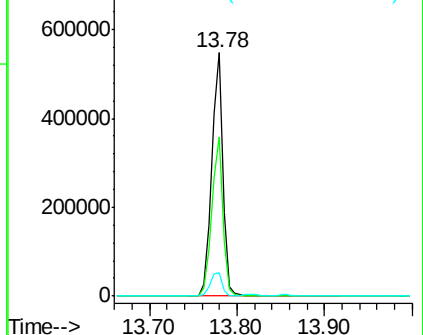
126 9.6 8.5 12.7

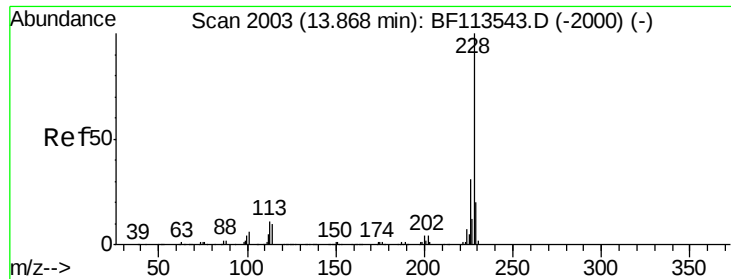


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

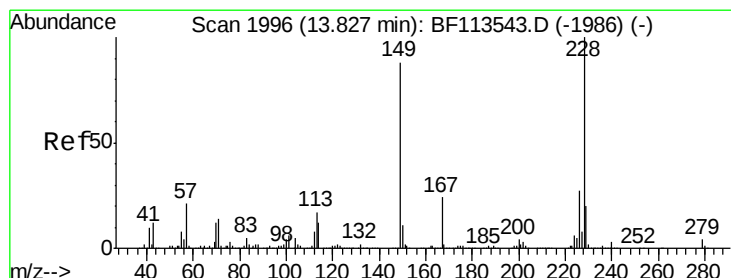
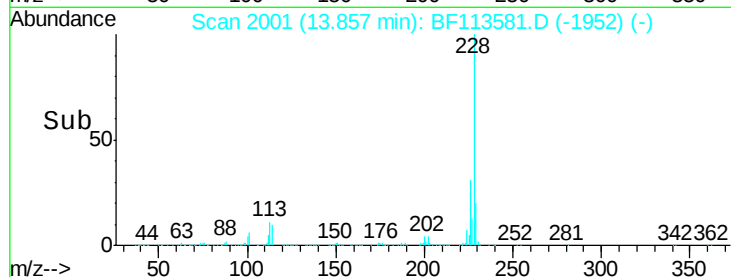
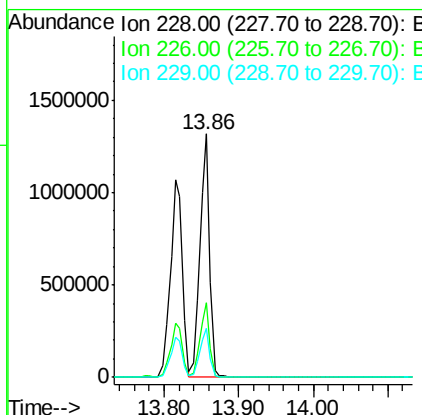
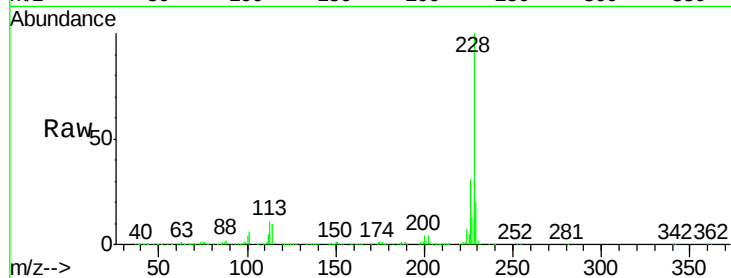




#83
Chrysene
Concen: 40.114 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

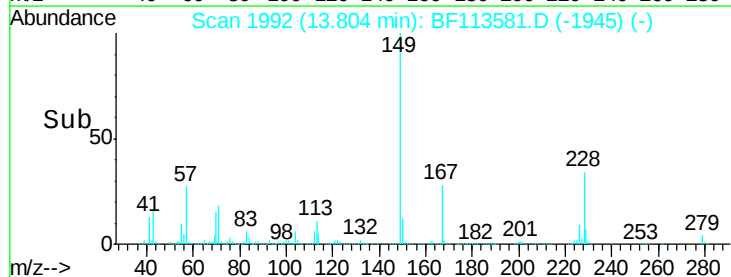
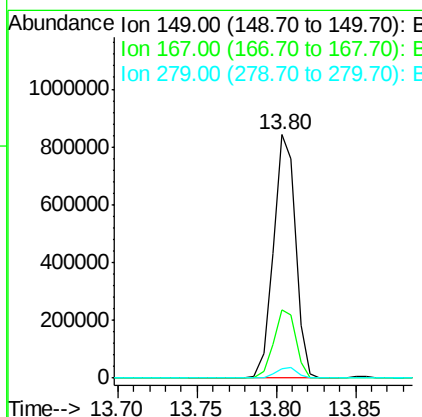
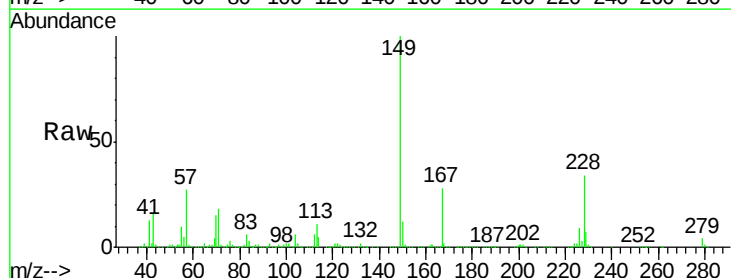
Instrument :
BNA_F
ClientSampleId :

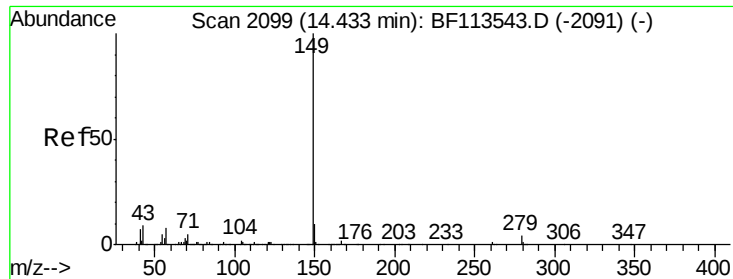
Tot Ion:228 Resp: 1202411
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 20.3 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.853 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:149 Resp: 822576
Ion Ratio Lower Upper
149 100
167 28.1 21.8 32.8
279 4.0 2.9 4.3

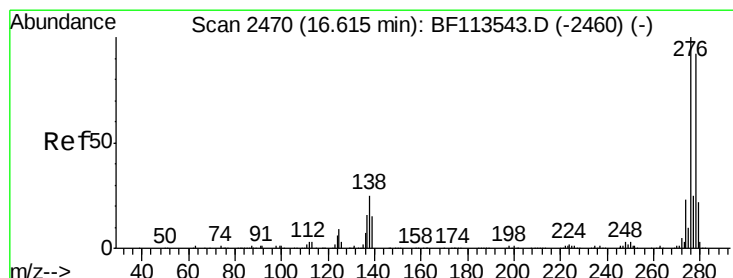
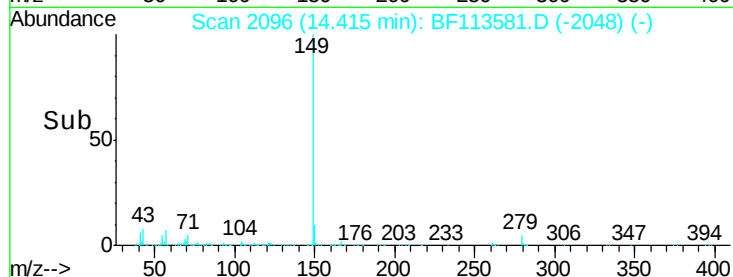
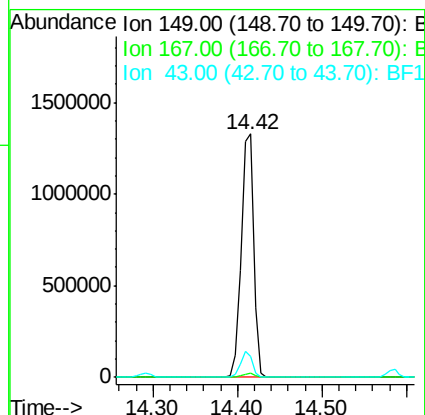
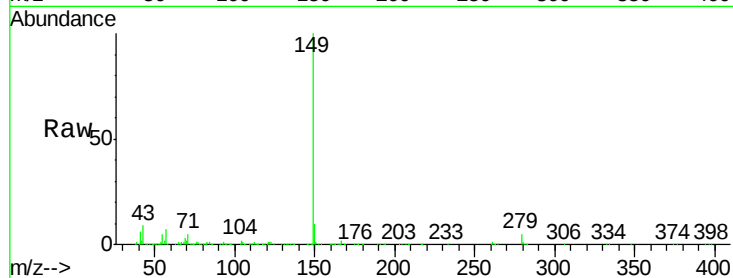




#85
Di-n-octyl phthalate
Concen: 42.544 ng
RT: 14.42 min Scan# 2096
Delta R.T. -0.02 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

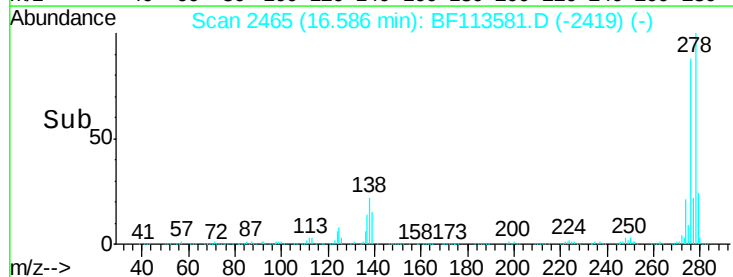
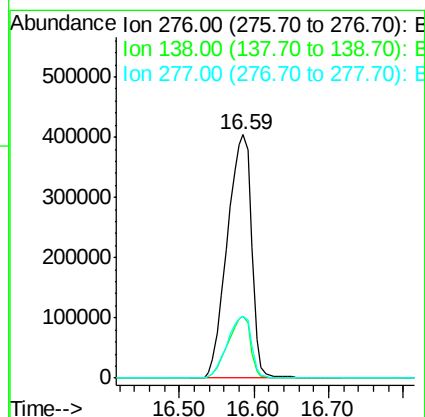
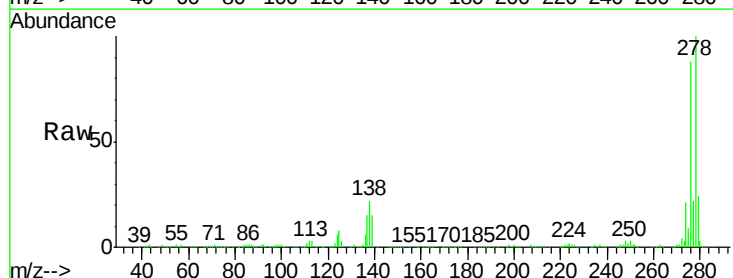
Instrument :
BNA_F
ClientSampleId :

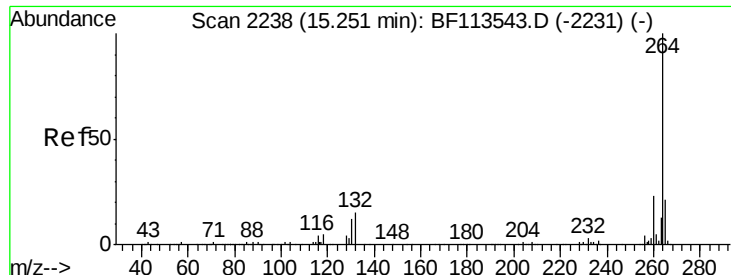
Tot Ion:149 Resp: 1327433
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.8 7.7 11.5



#86
Indeno(1,2,3-cd)pyrene
Concen: 33.250 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.03 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:276 Resp: 920194
Ion Ratio Lower Upper
276 100
138 23.9 18.1 27.1
277 25.3 20.2 30.4

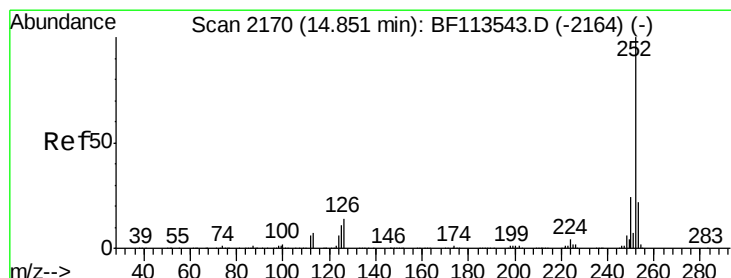
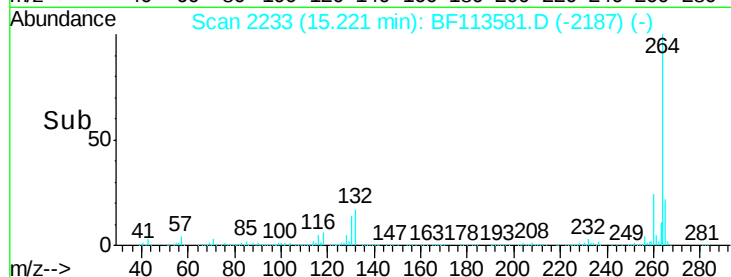
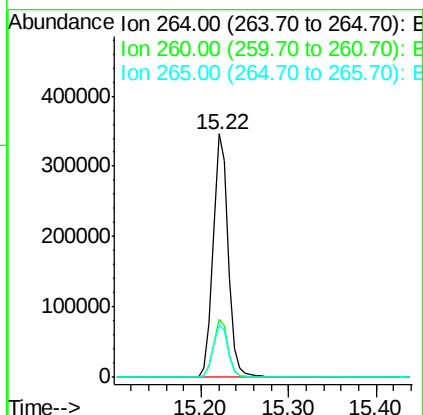
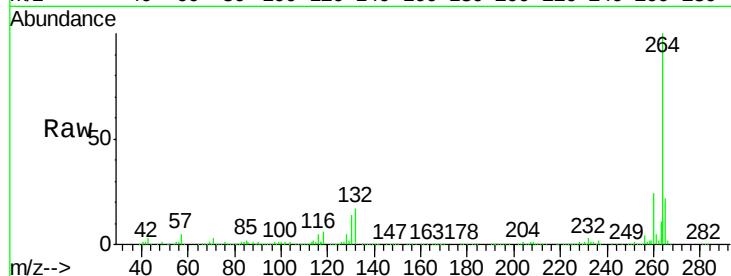




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.03 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

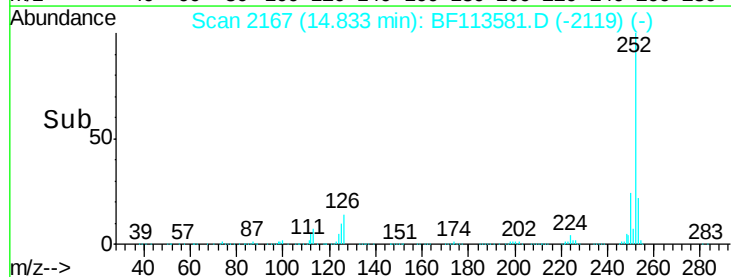
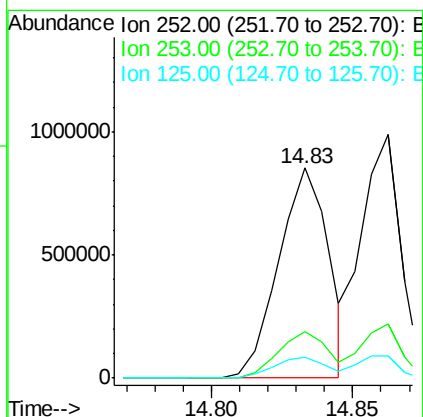
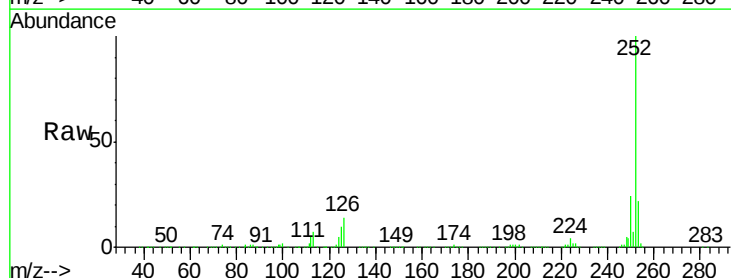
Instrument :
BNA_F
ClientSampleId :

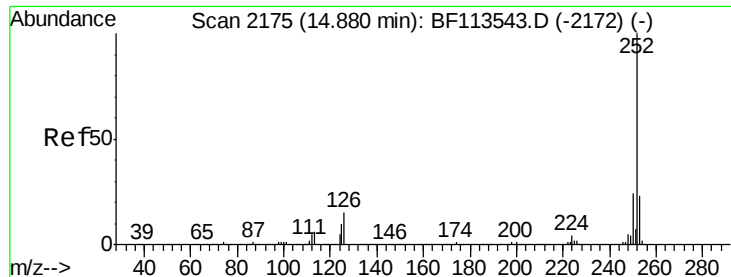
Tot Ion:264 Resp: 415010
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 22.0 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 41.115 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:252 Resp: 1044464
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 10.2 7.6 11.4

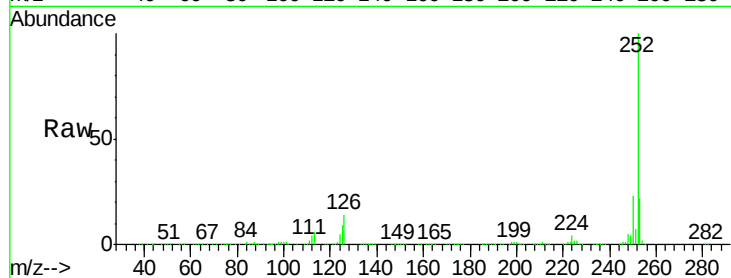




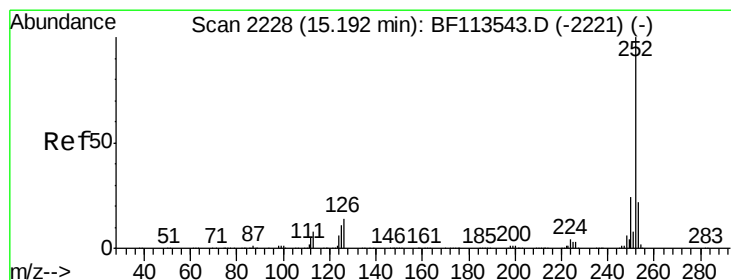
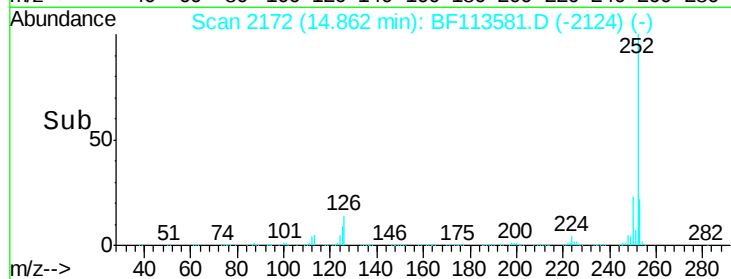
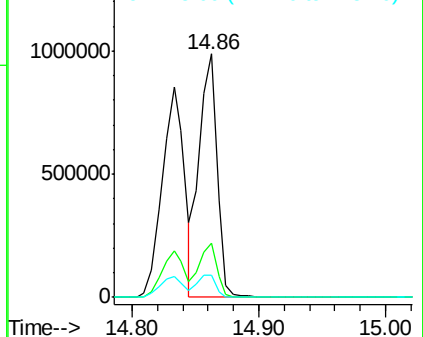
#89
Benzo(k)fluoranthene
Concen: 42.254 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 963364
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.2 7.3 10.9

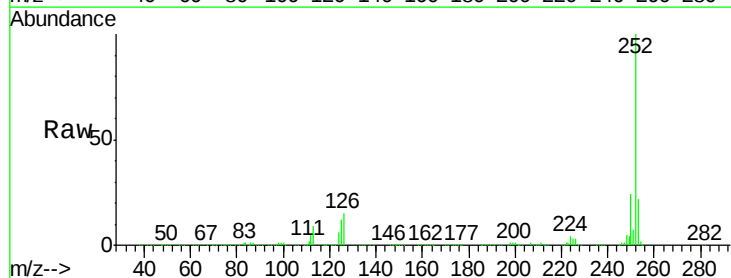


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

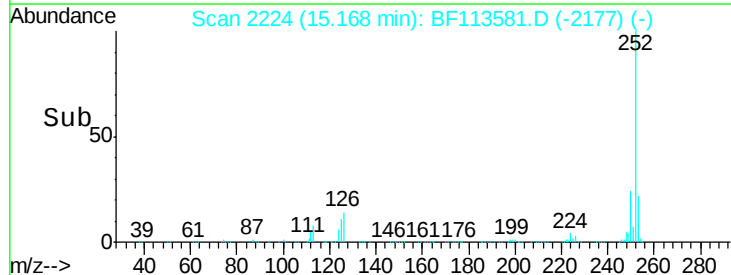
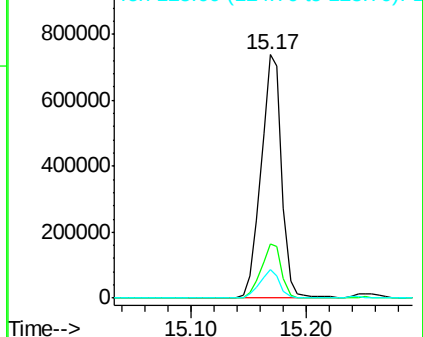


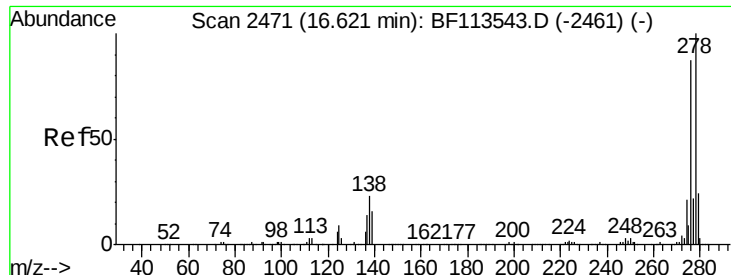
#90
Benzo(a)pyrene
Concen: 40.968 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion:252 Resp: 924803
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 11.5 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

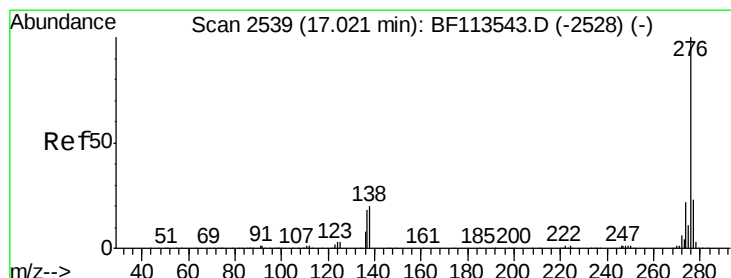
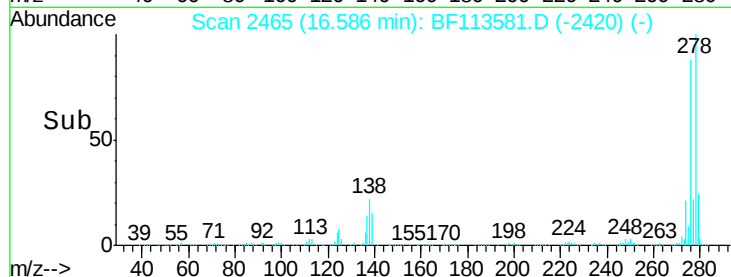
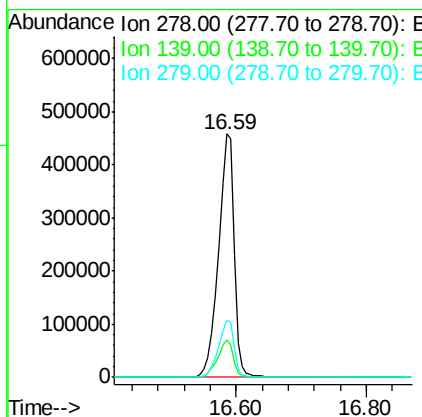
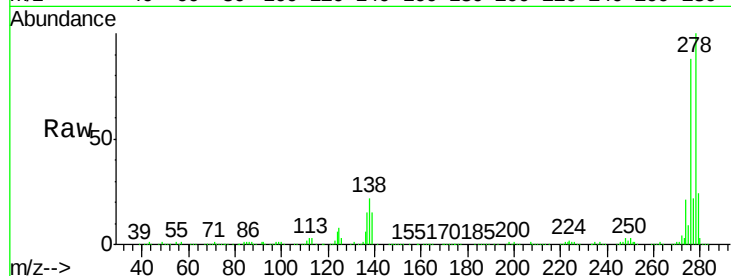




#91
Dibenzo(a,h)anthracene
Concen: 36.267 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.04 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.0	18.0
279	23.5	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 35.386 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.04 min
Lab File: BF113581.D
Acq: 4 Apr 2019 14:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	20.5	15.6	23.4

