

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
 Data File : BF113586.D
 Acq On : 4 Apr 2019 16:34
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Apr 04 17:01:22 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	159956	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	644451	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	319465	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	635529	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	485366	20.00	ng	-0.02
87) Perylene-d12	15.22	264	411286	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	766637	81.73	ng	0.00
7) Phenol-d6	6.33	99	958889	82.94	ng	0.00
23) Nitrobenzene-d5	7.25	82	892632	81.13	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	315763	82.28	ng	-0.01
45) 2-Fluorobiphenyl	9.05	172	1599609	80.61	ng	0.00
79) Terphenyl-d14	12.77	244	1770055	74.25	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	173114	38.966	ng	99
3) Pyridine	3.03	79	488748	42.037	ng	95
4) n-Nitrosodimethylamine	2.98	42	199492	40.383	ng	90
6) Aniline	6.35	93	602061	42.962	ng	96
8) 2-Chlorophenol	6.47	128	447790	41.260	ng	94
9) Benzaldehyde	6.23	77	285649	41.553	ng	98
10) Phenol	6.35	94	550189	41.668	ng	95
11) bis(2-Chloroethyl)ether	6.42	93	425465	41.423	ng	99
12) 1,3-Dichlorobenzene	6.62	146	481414	41.190	ng	99
13) 1,4-Dichlorobenzene	6.70	146	482547	40.856	ng	99
14) 1,2-Dichlorobenzene	6.86	146	441198	41.385	ng	96
15) Benzyl Alcohol	6.83	79	335019	42.857	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	652217	40.795	ng	98
17) 2-Methylphenol	6.95	107	351477	41.790	ng	99
18) Hexachloroethane	7.19	117	174359	40.558	ng	98
19) n-Nitroso-di-n-propylamine	7.11	70	296961	41.654	ng	98
20) 3+4-Methylphenols	7.11	107	432191	42.410	ng	99
22) Acetophenone	7.10	105	570914	40.335	ng	99
24) Nitrobenzene	7.27	77	467675	41.276	ng	95
25) Isophorone	7.51	82	868926	40.999	ng	98
26) 2-Nitrophenol	7.59	139	255089	41.832	ng	96
27) 2,4-Dimethylphenol	7.63	122	345381	39.618	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	545793	40.733	ng	99
29) 2,4-Dichlorophenol	7.83	162	387940	41.591	ng	99
30) 1,2,4-Trichlorobenzene	7.91	180	409681	40.445	ng	97
31) Naphthalene	7.99	128	1256542	40.241	ng	100
32) Benzoic acid	7.80	122	265345	39.307	ng	100
33) 4-Chloroaniline	8.04	127	535071	43.216	ng	100
34) Hexachlorobutadiene	8.11	225	247943	40.149	ng	99
35) Caprolactam	8.43	113	133506	45.090	ng	98
36) 4-Chloro-3-methylphenol	8.54	107	395171	42.204	ng	100
37) 2-Methylnaphthalene	8.68	142	829592	40.395	ng	99
38) 1-Methylnaphthalene	8.77	142	809998	40.903	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	408727	39.560	ng	99

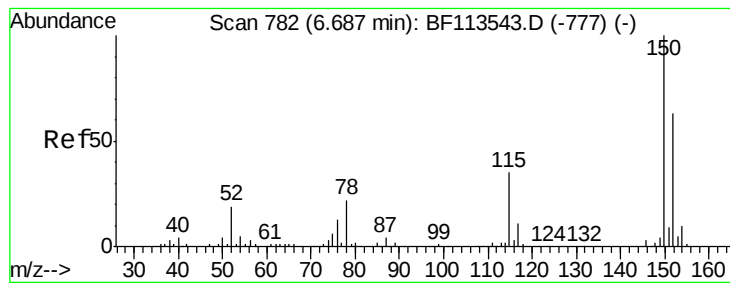
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
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 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	110069	38.729	ng	97
43) 2,4,6-Trichlorophenol	8.96	196	264416	40.544	ng	100
44) 2,4,5-Trichlorophenol	9.01	196	286854	40.970	ng	99
46) 1,1'-Biphenyl	9.14	154	1052855	39.939	ng	99
47) 2-Chloronaphthalene	9.17	162	794662	39.814	ng	98
48) 2-Nitroaniline	9.27	65	257667	42.189	ng	99
49) Acenaphthylene	9.58	152	1290415	39.758	ng	99
50) Dimethylphthalate	9.45	163	945397	40.146	ng	99
51) 2,6-Dinitrotoluene	9.51	165	214408	41.305	ng	100
52) Acenaphthene	9.75	154	744338	40.063	ng	100
53) 3-Nitroaniline	9.68	138	250713	42.482	ng	94
54) 2,4-Dinitrophenol	9.80	184	99226	40.859	ng	89
55) Dibenzofuran	9.92	168	1082593	39.723	ng	99
56) 4-Nitrophenol	9.86	139	153546	41.941	ng	94
57) 2,4-Dinitrotoluene	9.92	165	259081	41.269	ng	# 92
58) Fluorene	10.26	166	870861	40.401	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.05	232	247232	40.794	ng	98
60) Diethylphthalate	10.14	149	910381	40.097	ng	100
61) 4-Chlorophenyl-phenylether	10.25	204	431865	40.733	ng	97
62) 4-Nitroaniline	10.30	138	260248	43.365	ng	97
63) Azobenzene	10.42	77	863262	40.156	ng	99
65) 4,6-Dinitro-2-methylphenol	10.33	198	139480	41.688	ng	96
66) n-Nitrosodiphenylamine	10.37	169	787819	40.380	ng	100
67) 4-Bromophenyl-phenylether	10.74	248	281718	39.524	ng	100
68) Hexachlorobenzene	10.82	284	329879	40.391	ng	95
69) Atrazine	10.90	200	236456	38.451	ng	96
70) Pentachlorophenol	11.02	266	157912	41.033	ng	99
71) Phenanthrene	11.22	178	1254764	39.733	ng	100
72) Anthracene	11.27	178	1286559	40.042	ng	100
73) Carbazole	11.43	167	1245662	41.452	ng	100
74) Di-n-butylphthalate	11.76	149	1417798	39.661	ng	100
75) Fluoranthene	12.40	202	1385657	40.947	ng	99
77) Benzidine	12.52	184	787399	43.625	ng	99
78) Pyrene	12.63	202	1418038	38.397	ng	100
80) Butylbenzylphthalate	13.24	149	595340	39.602	ng	97
81) Benzo(a)anthracene	13.82	228	1110488	39.662	ng	100
82) 3,3'-Dichlorobenzidine	13.77	252	458907	42.554	ng	99
83) Chrysene	13.85	228	1133495	39.936	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	726435	39.967	ng	98
85) Di-n-octyl phthalate	14.41	149	1183420	40.055	ng	100
86) Indeno(1,2,3-cd)pyrene	16.59	276	1012867	38.651	ng	99
88) Benzo(b)fluoranthene	14.83	252	1080004	42.899	ng	99
89) Benzo(k)fluoranthene	14.86	252	859274	38.030	ng	99
90) Benzo(a)pyrene	15.17	252	908826	40.625	ng	100
91) Dibenzo(a,h)anthracene	16.59	278	824368	39.405	ng	99
92) Benzo(g,h,i)perylene	16.98	276	848341	39.729	ng	97

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

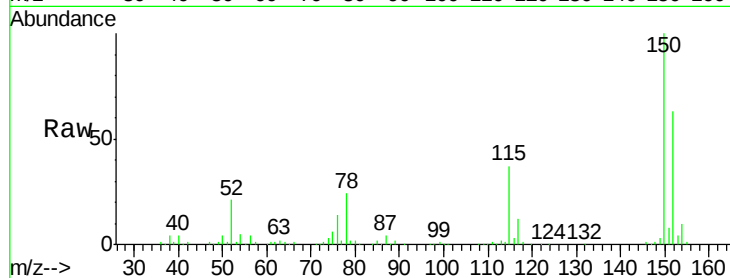


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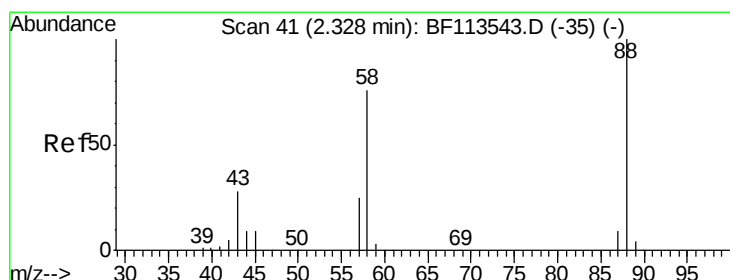
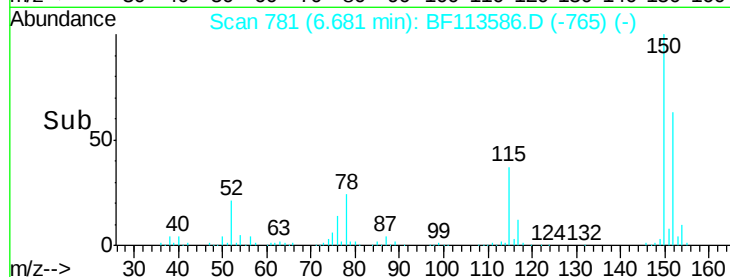
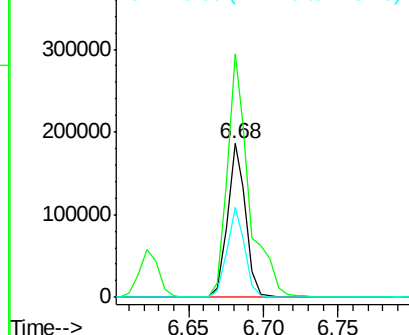
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 152 Resp: 159956
Ion Ratio Lower Upper
152 100
150 158.5 124.7 187.1
115 58.9 46.0 69.0



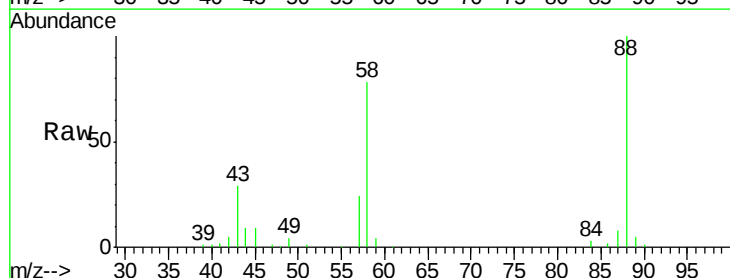
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



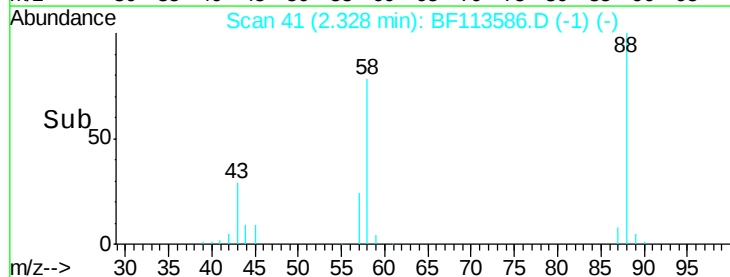
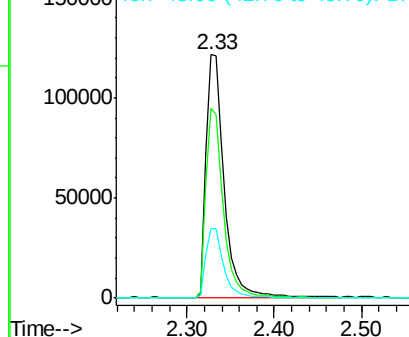
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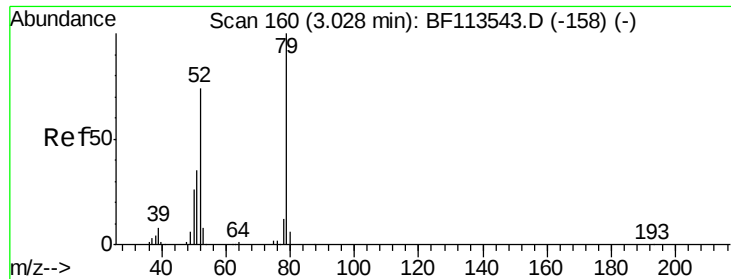
1,4-Dioxane
Concen: 38.966 ng
RT: 2.33 min Scan# 41
Delta R.T. 0.00 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Tgt Ion: 88 Resp: 173114
Ion Ratio Lower Upper
88 100
58 76.6 61.9 92.9
43 28.8 24.2 36.4



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





#3

Pyridine

Concen: 42.037 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.00 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

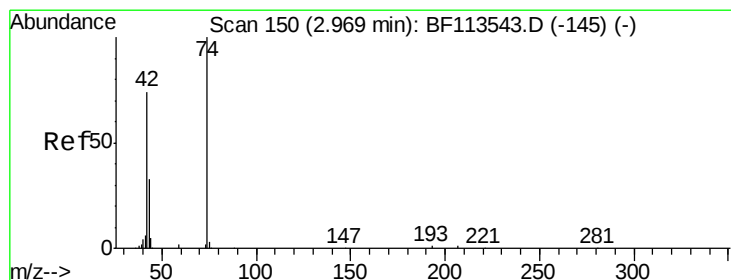
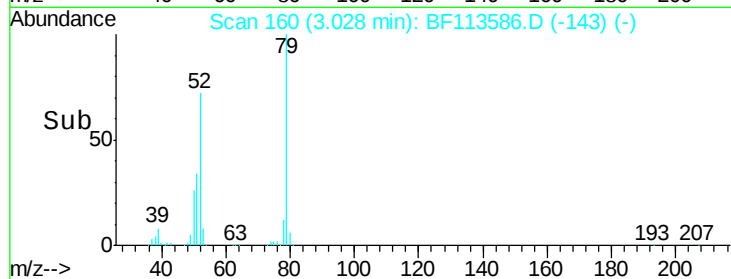
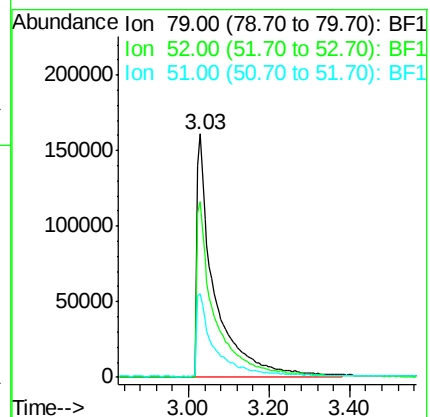
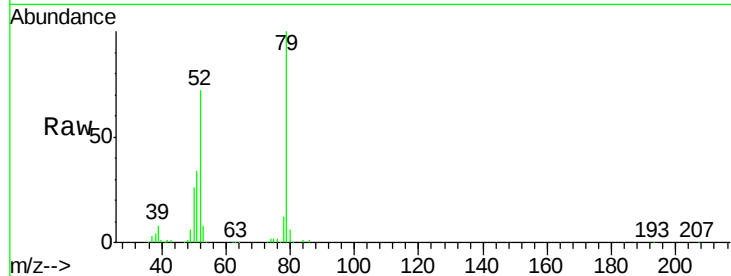
Tgt Ion: 79 Resp: 488748

Ion Ratio Lower Upper

79 100

52 72.3 61.0 91.4

51 34.5 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 40.383 ng

RT: 2.98 min Scan# 152

Delta R.T. 0.01 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

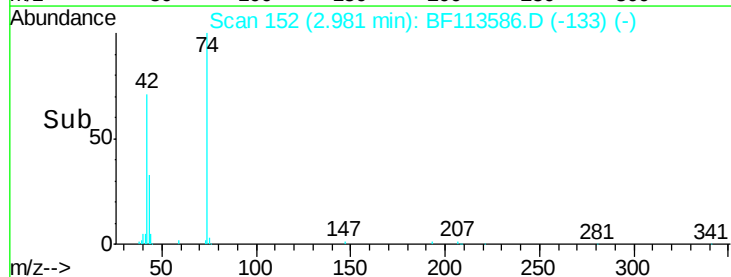
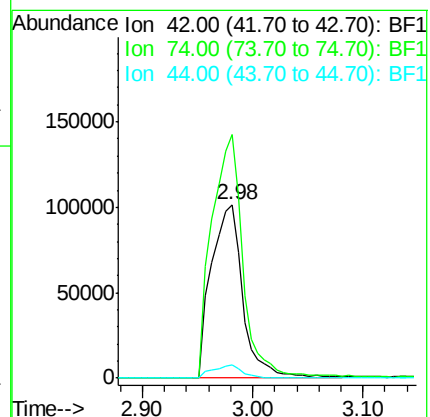
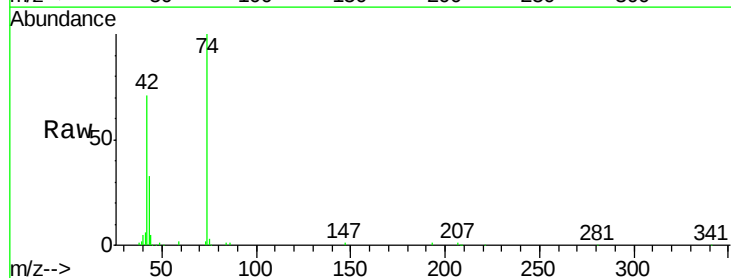
Tgt Ion: 42 Resp: 199492

Ion Ratio Lower Upper

42 100

74 140.4 102.4 153.6

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 81.728 ng

RT: 5.29 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

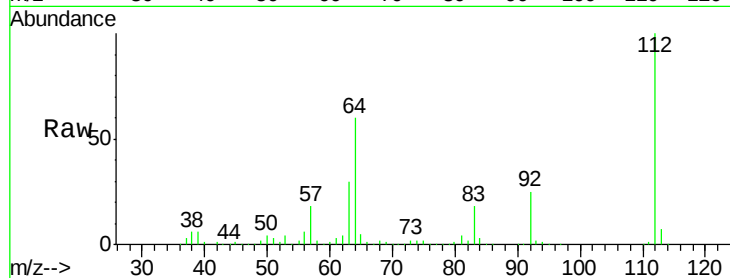
Tgt Ion: 112 Resp: 766637

Ion Ratio Lower Upper

112 100

64 59.6 49.2 73.8

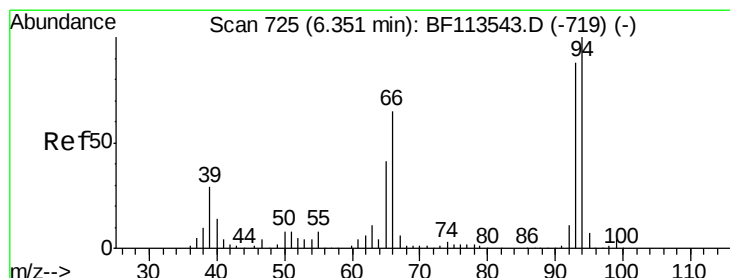
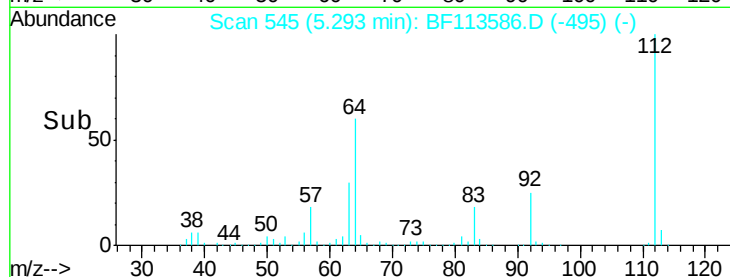
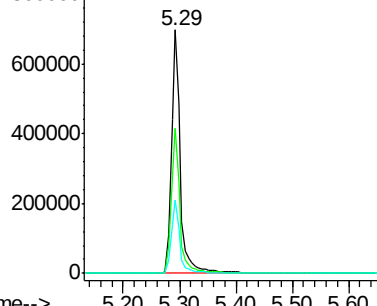
63 30.1 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.962 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

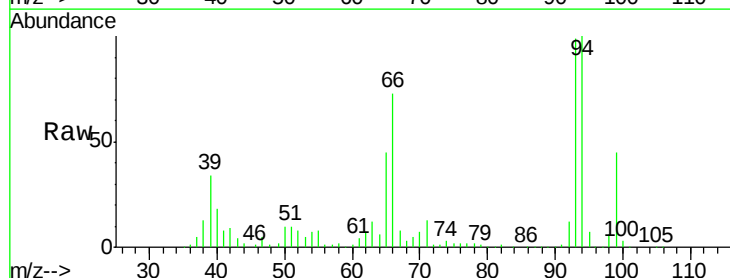
Tgt Ion: 93 Resp: 602061

Ion Ratio Lower Upper

93 100

66 73.7 62.1 93.1

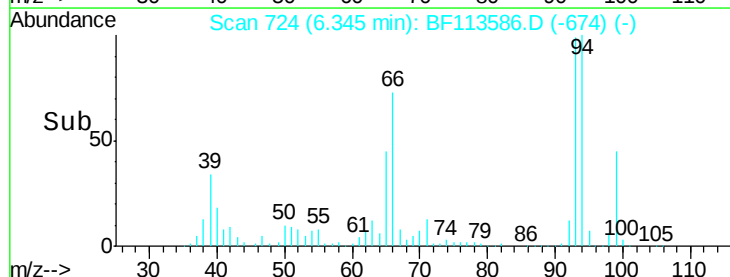
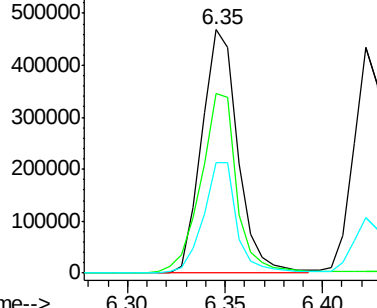
65 45.6 38.7 58.1

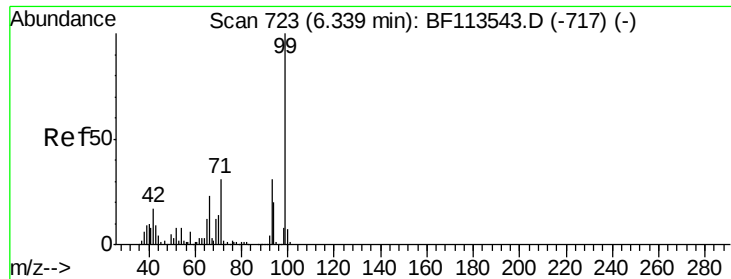


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.940 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

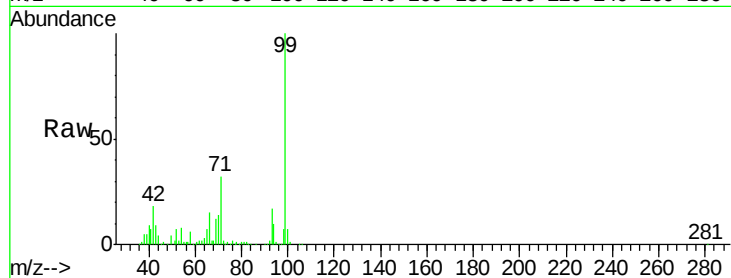
Tgt Ion: 99 Resp: 958889

Ion Ratio Lower Upper

99 100

42 18.5 14.8 22.2

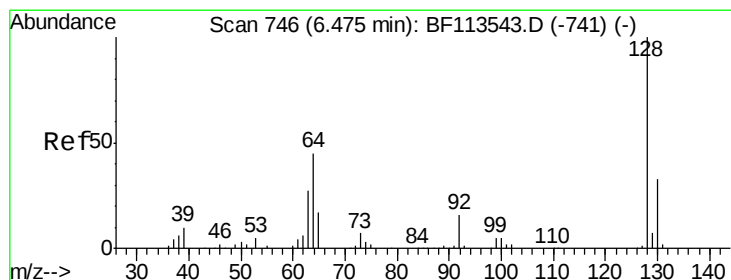
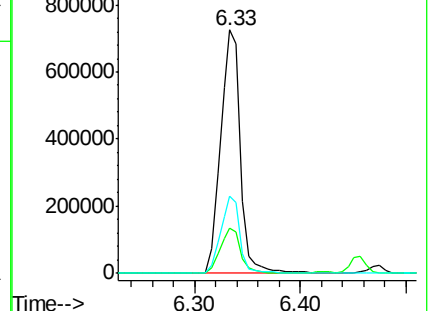
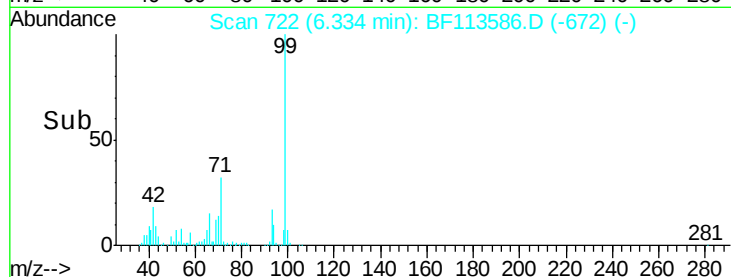
71 31.8 24.9 37.3



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: 41.260 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

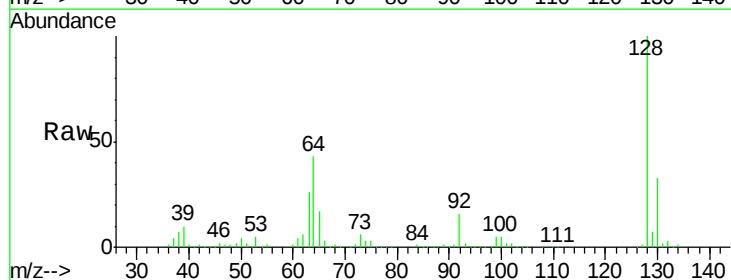
Tgt Ion: 128 Resp: 447790

Ion Ratio Lower Upper

128 100

130 33.3 12.6 52.6

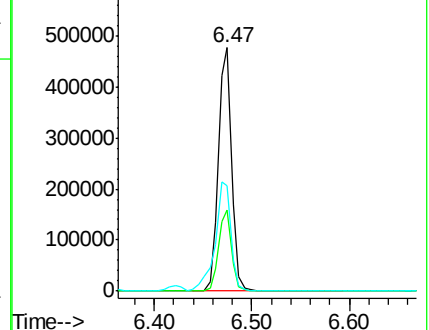
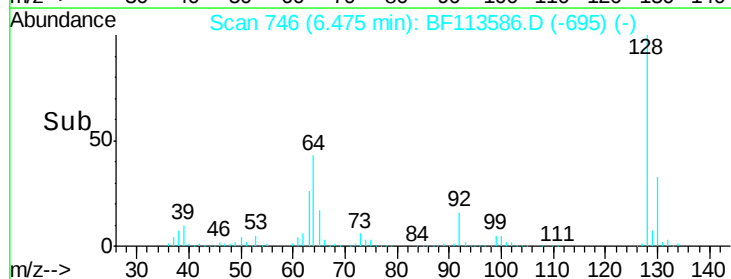
64 43.0 29.4 69.4

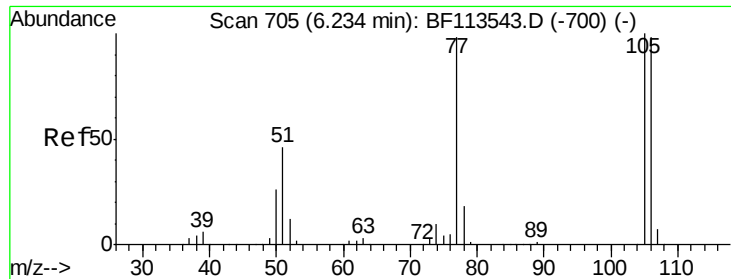


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

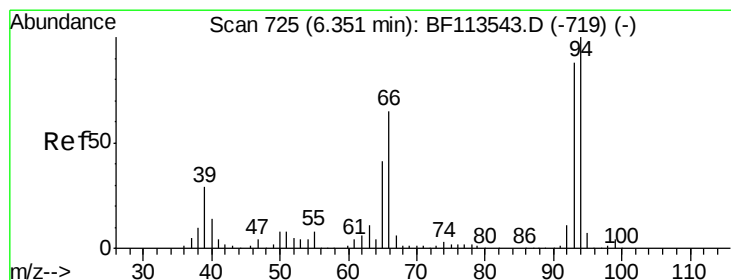
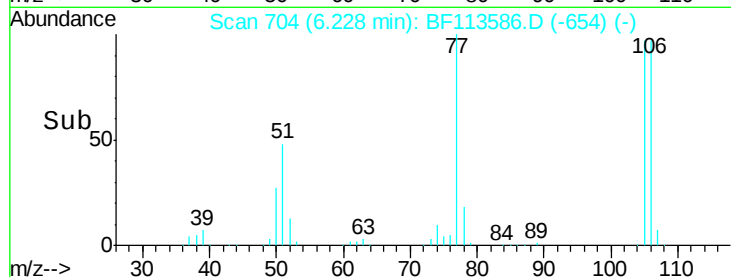
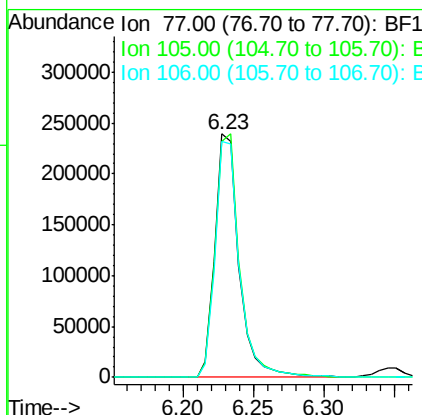
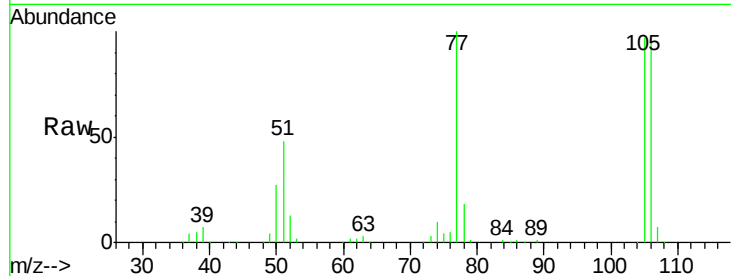




#9
Benzaldehyde
Concen: 41.553 ng
RT: 6.23 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

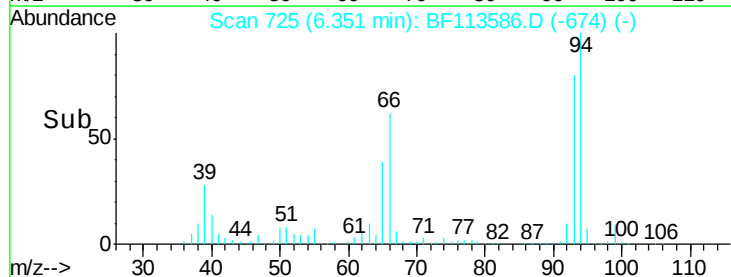
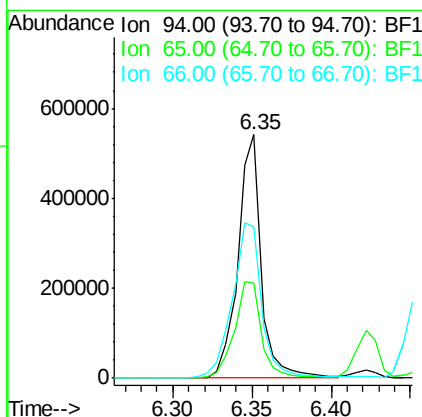
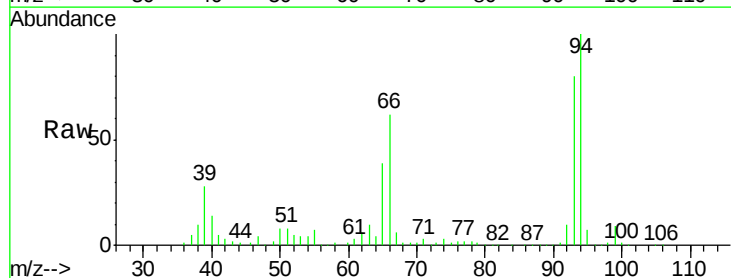
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

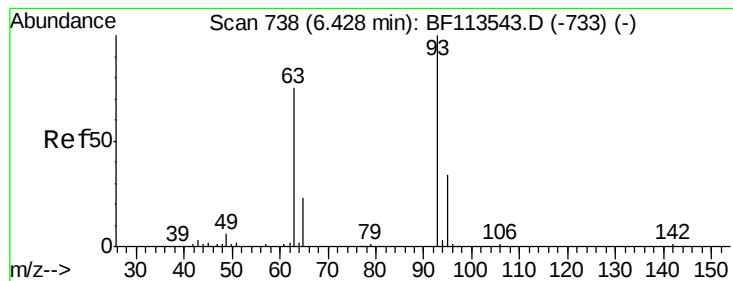
Tgt Ion: 77 Resp: 285649
Ion Ratio Lower Upper
77 100
105 97.3 80.9 120.9
106 97.0 77.8 117.8



#10
Phenol
Concen: 41.668 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Tgt Ion: 94 Resp: 550189
Ion Ratio Lower Upper
94 100
65 39.2 21.4 61.4
66 62.3 46.4 86.4

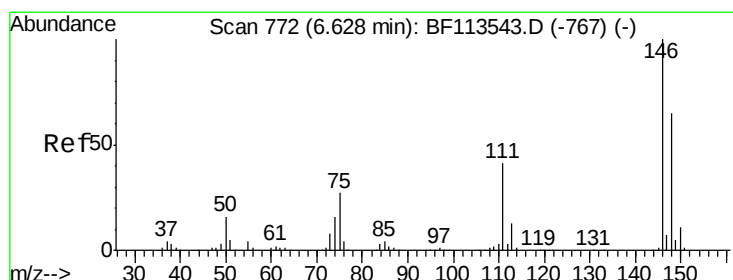
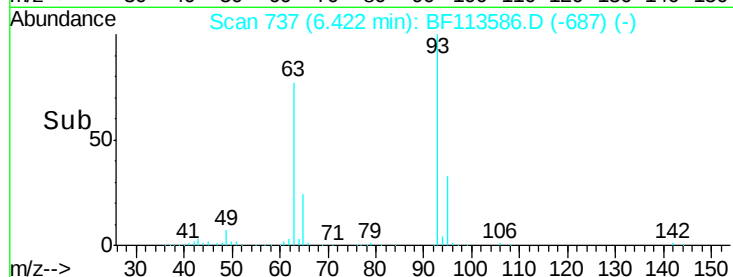
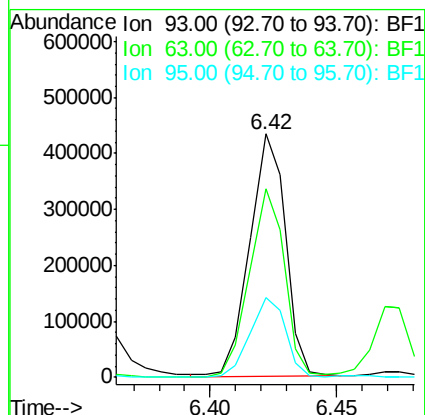
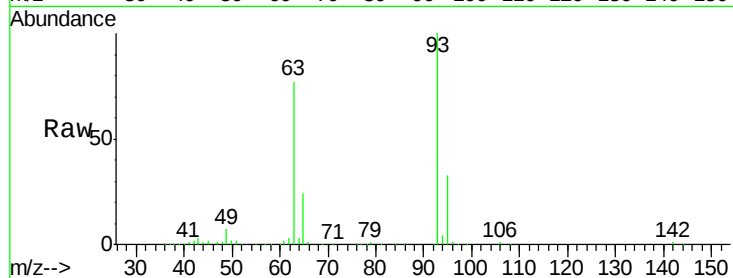




#11
 bis(2-Chloroethyl)ether
 Concen: 41.423 ng
 RT: 6.42 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF113586.D
 Acq: 4 Apr 2019 16:34

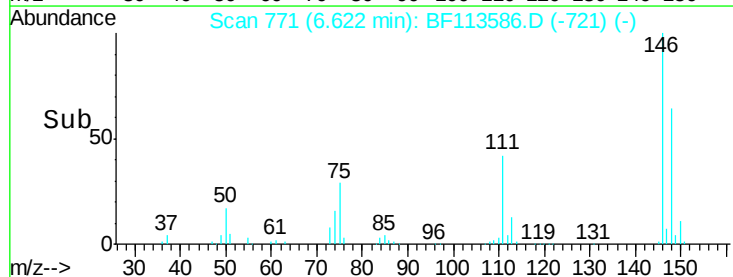
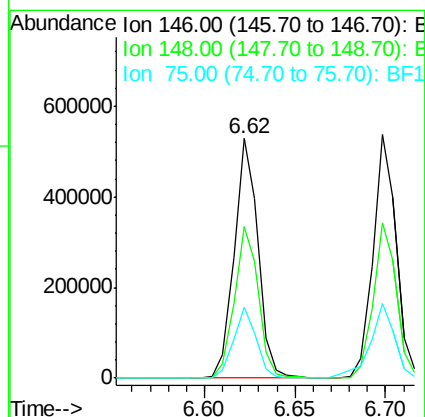
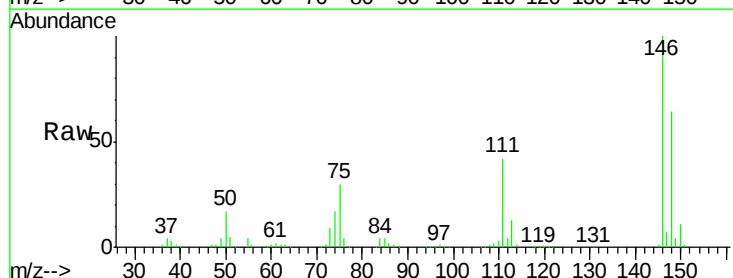
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

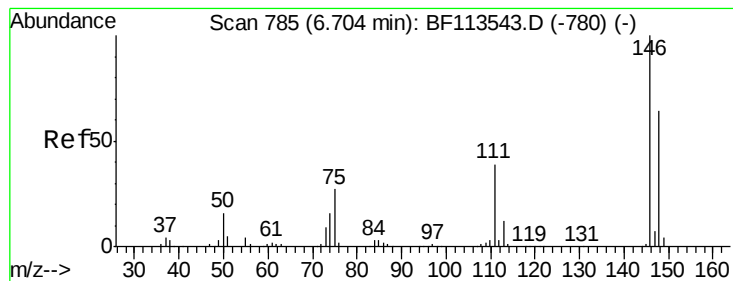
Tgt Ion: 93 Resp: 425465
 Ion Ratio Lower Upper
 93 100
 63 77.3 56.1 96.1
 95 32.7 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 41.190 ng
 RT: 6.62 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF113586.D
 Acq: 4 Apr 2019 16:34

Tgt Ion: 146 Resp: 481414
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.4 77.0
 75 29.5 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 40.856 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

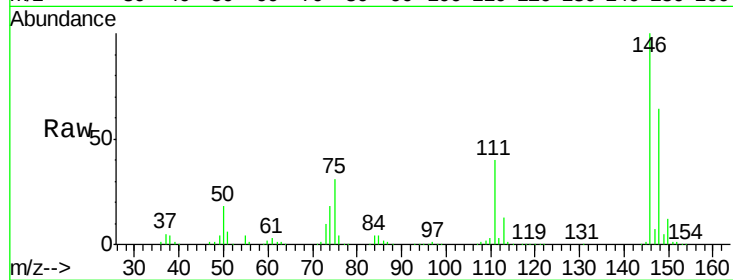
Tgt Ion:146 Resp: 482547

Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

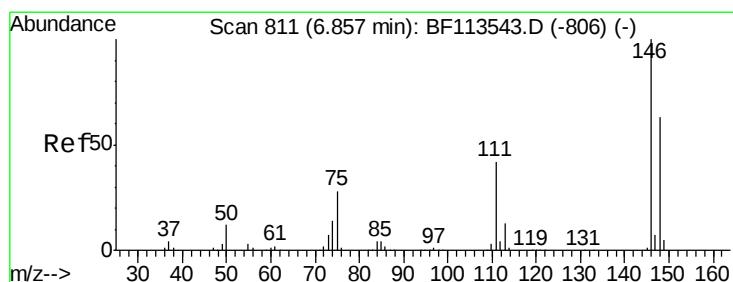
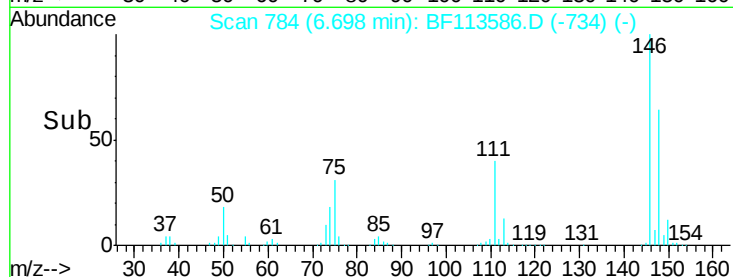
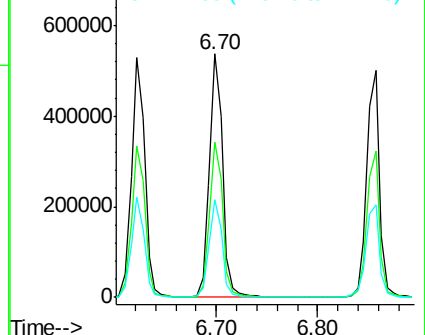
111 40.2 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.385 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

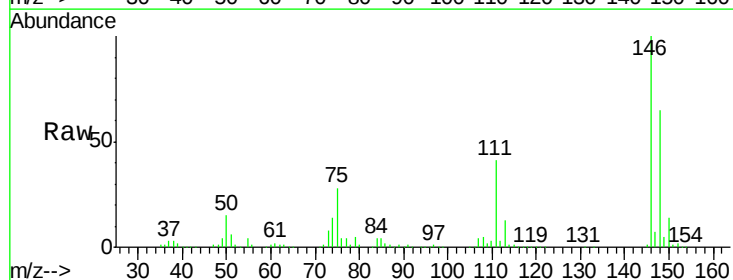
Tgt Ion:146 Resp: 441198

Ion Ratio Lower Upper

146 100

148 64.6 50.2 75.4

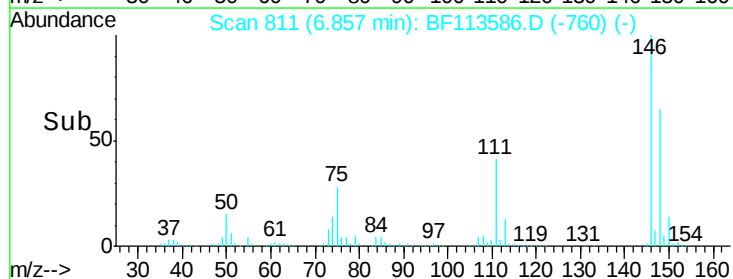
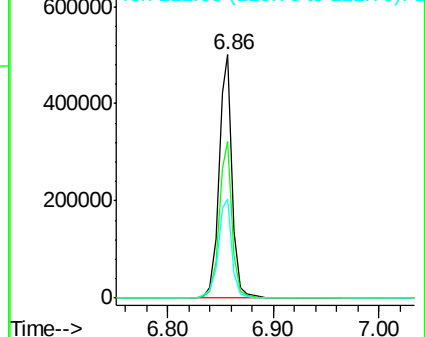
111 40.8 35.4 53.2

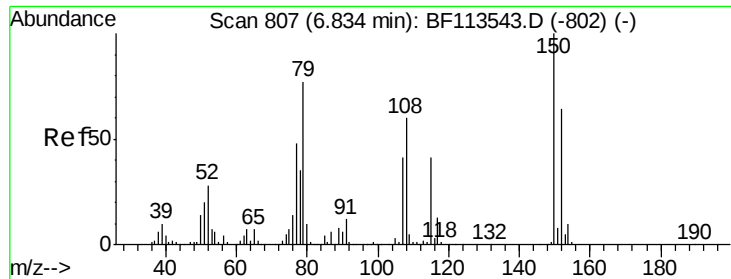


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.857 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

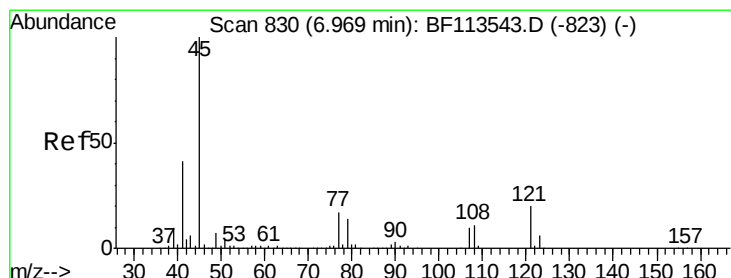
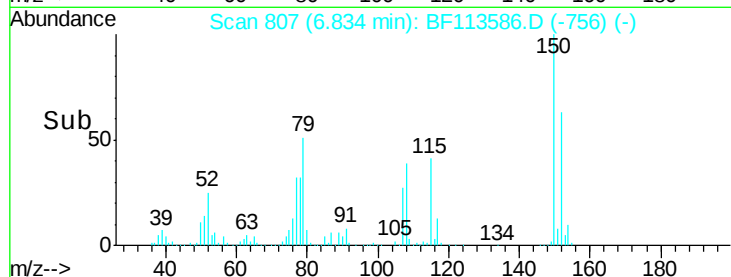
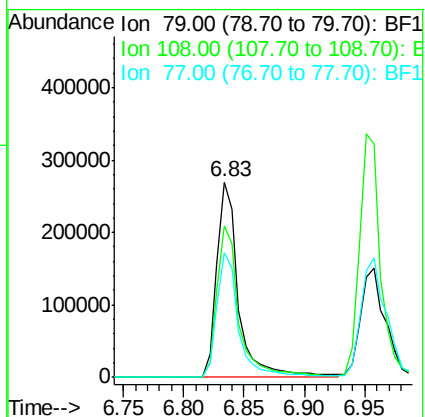
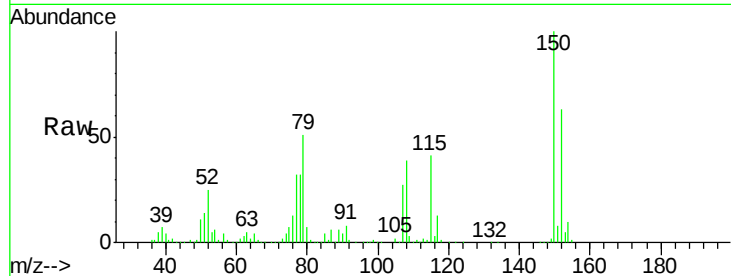
Tgt Ion: 79 Resp: 335019

Ion Ratio Lower Upper

79 100

108 77.8 62.0 93.0

77 63.6 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.795 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

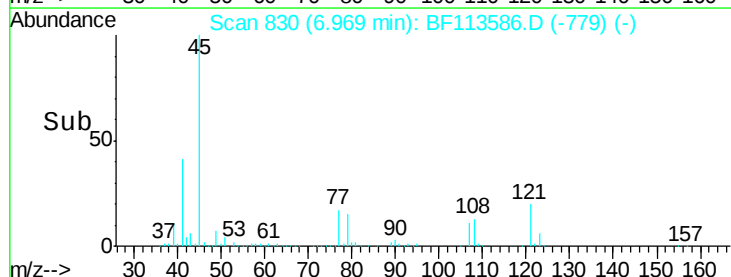
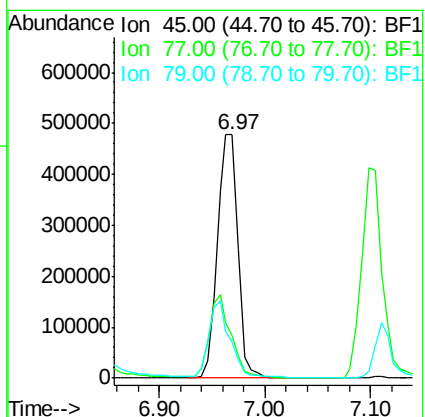
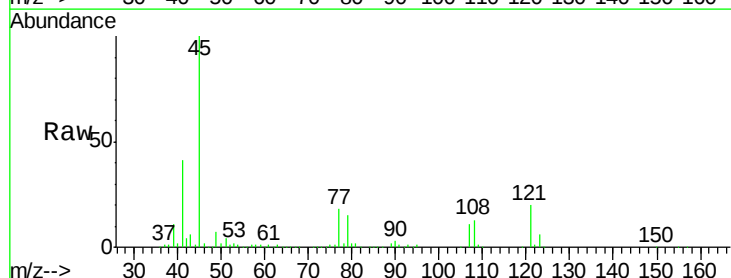
Tgt Ion: 45 Resp: 652217

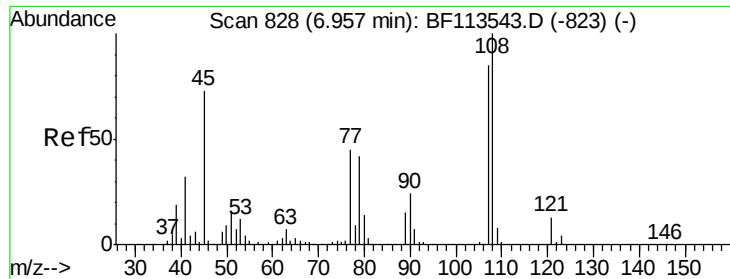
Ion Ratio Lower Upper

45 100

77 17.6 0.0 36.6

79 15.0 0.0 34.0

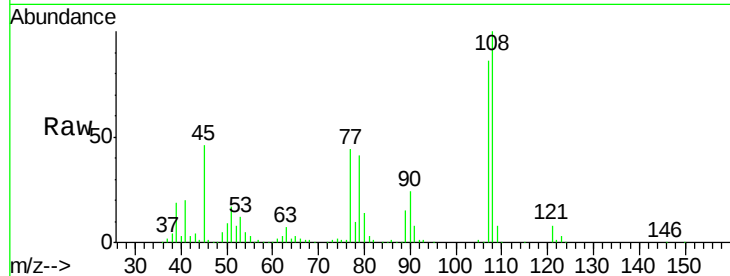




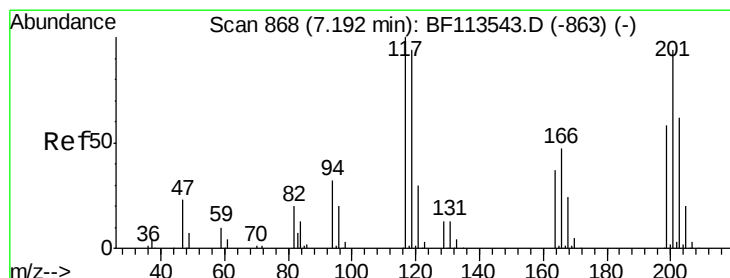
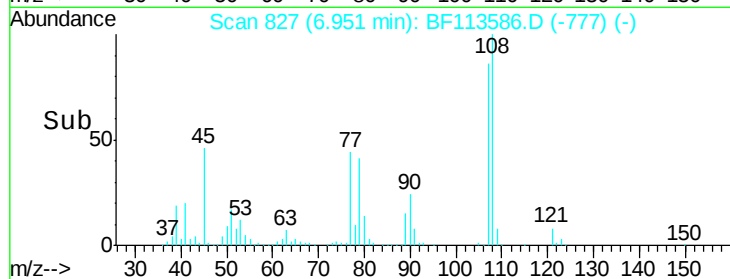
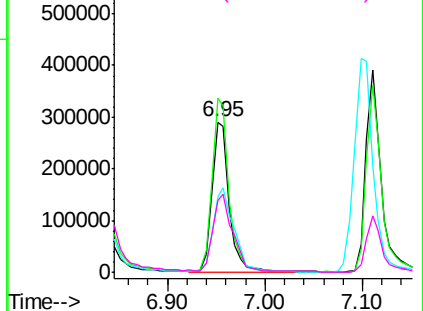
#17
2-Methylphenol
Concen: 41.790 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	107	Resp:	351477
Ion	Ratio	Lower	Upper
107	100		
108	115.9	93.4	140.0
77	50.6	41.2	61.8
79	47.9	40.1	60.1

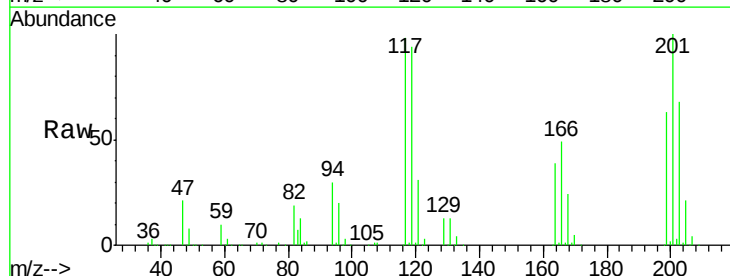


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

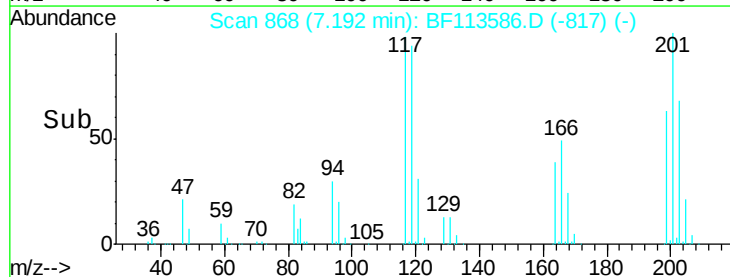
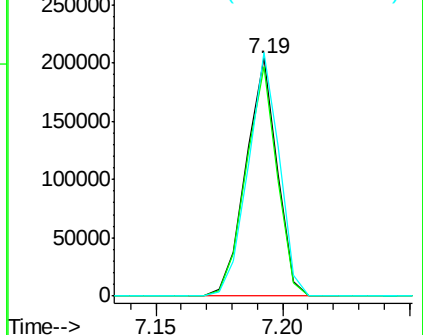


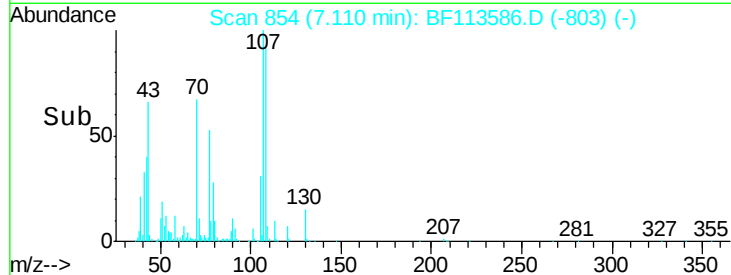
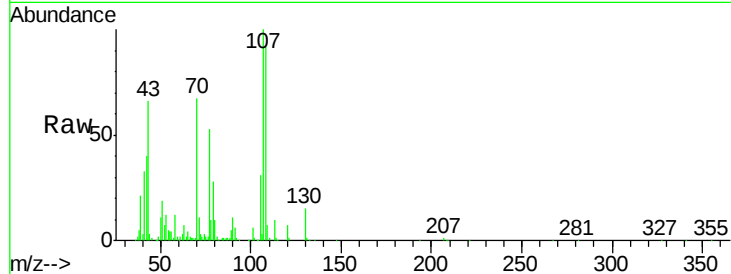
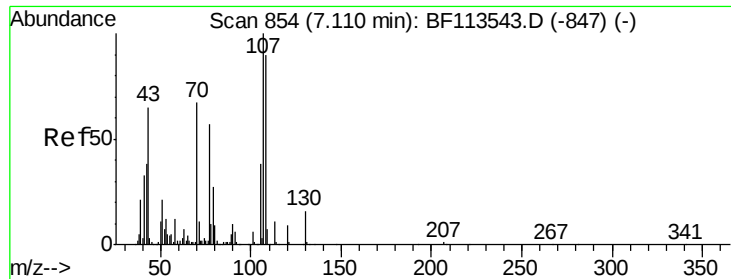
#18
Hexachloroethane
Concen: 40.558 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Tgt Ion:	117	Resp:	174359
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.9	115.3
201	102.1	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

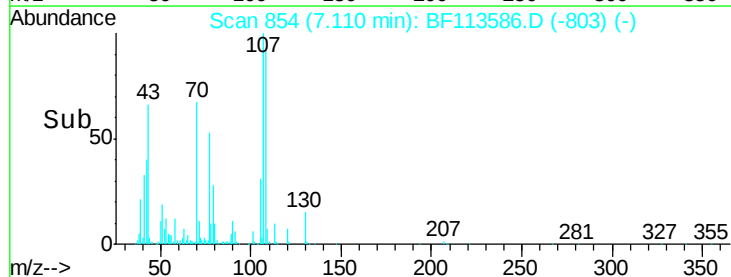
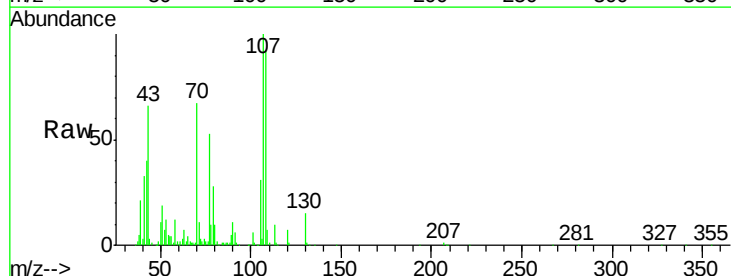
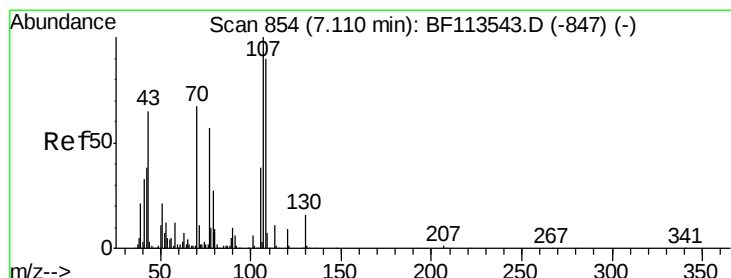
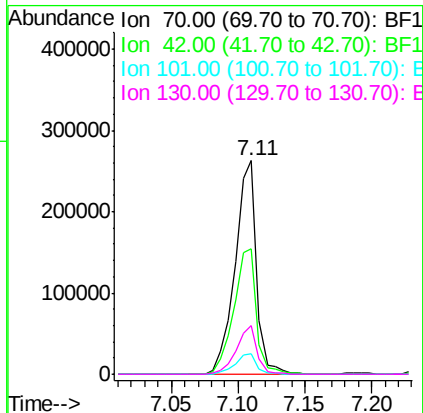




#19
n-Nitroso-di-n-propylamine
Concen: 41.654 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

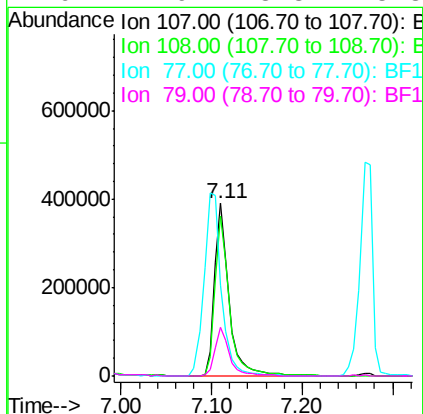
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

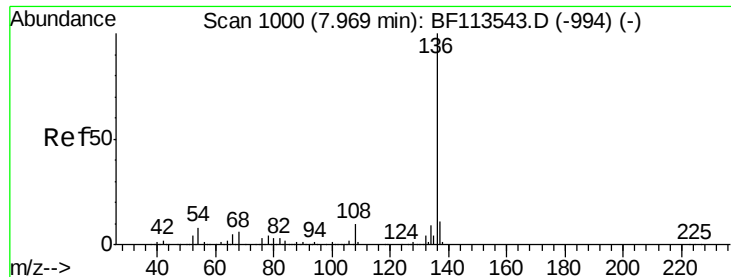
Tgt Ion:	70	Resp:	296961
Ion	Ratio	Lower	Upper
70	100		
42	58.8	48.4	72.6
101	9.5	7.8	11.8
130	22.5	18.2	27.4



#20
3+4-Methylphenols
Concen: 42.410 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Tgt Ion:	107	Resp:	432191
Ion	Ratio	Lower	Upper
107	100		
108	92.5	71.4	111.4
77	52.6	33.5	73.5
79	27.9	8.3	48.3

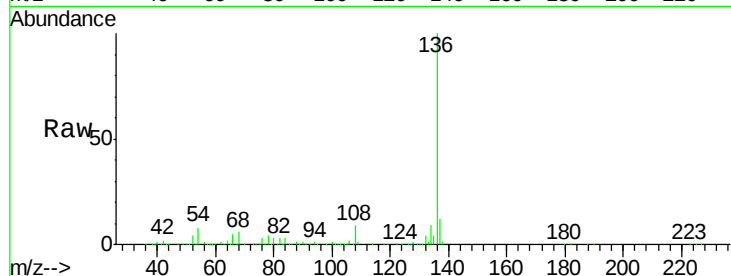




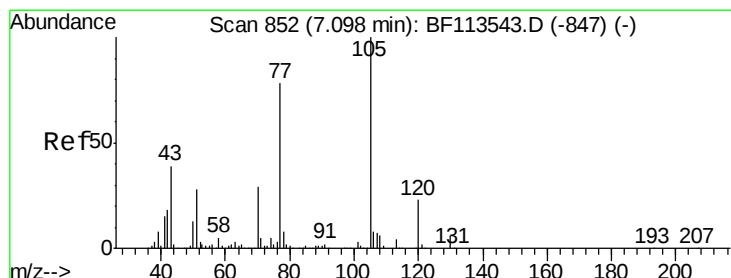
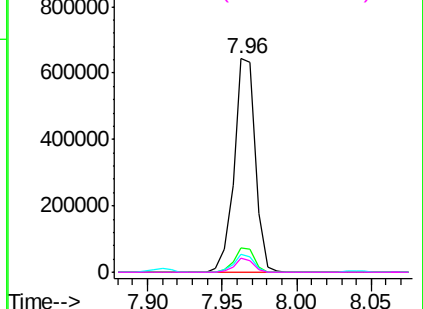
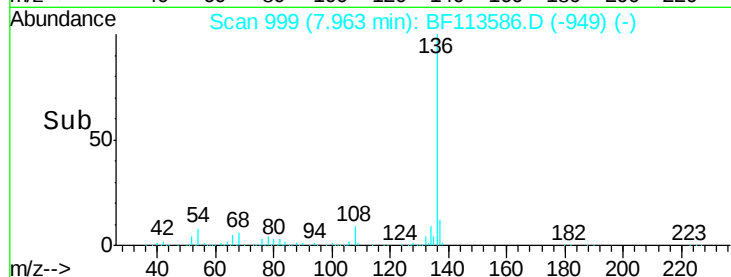
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	136	Resp:	644451
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.4	7.0	10.6
68	6.4	4.8	7.2

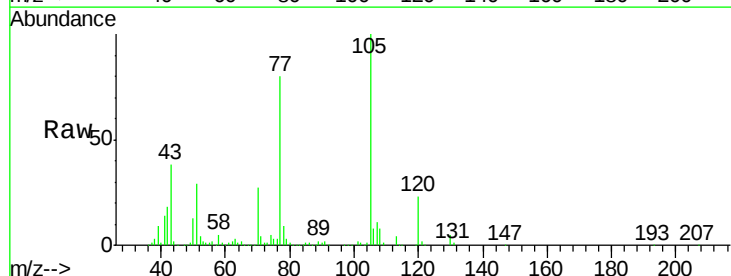


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

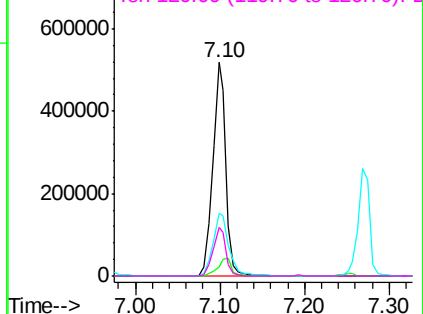
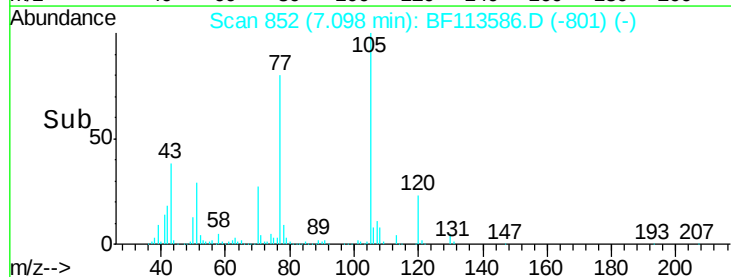


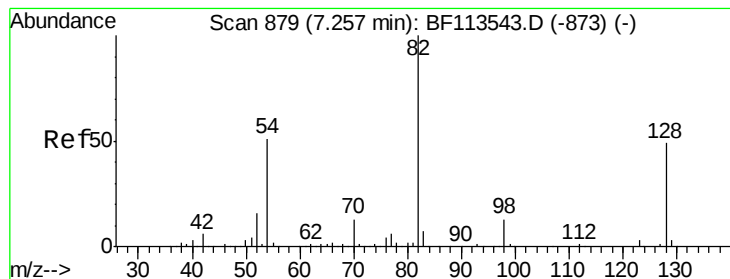
#22
Acetophenone
Concen: 40.335 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Tgt Ion:	105	Resp:	570914
Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.3	4.9
51	29.4	24.2	36.2
120	22.9	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: 81.133 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

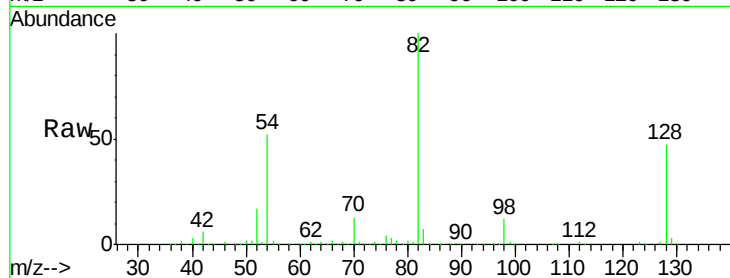
Tgt Ion: 82 Resp: 892632

Ion Ratio Lower Upper

82 100

128 46.5 36.5 54.7

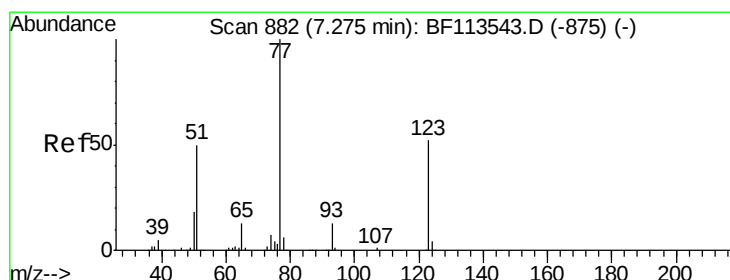
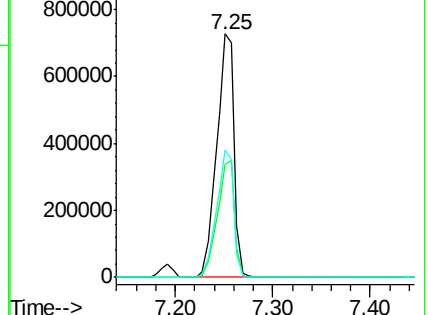
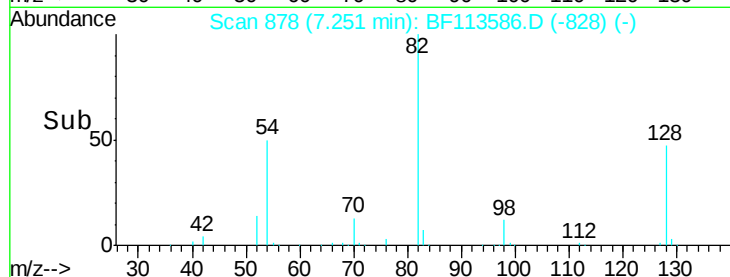
54 52.2 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 41.276 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

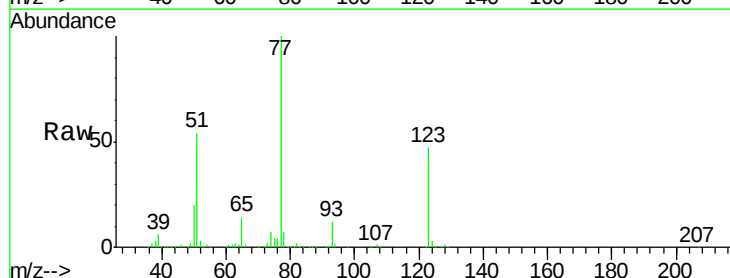
Tgt Ion: 77 Resp: 467675

Ion Ratio Lower Upper

77 100

123 46.7 40.8 61.2

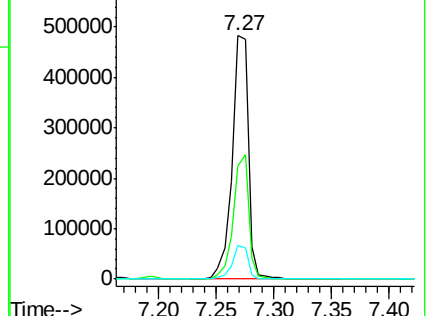
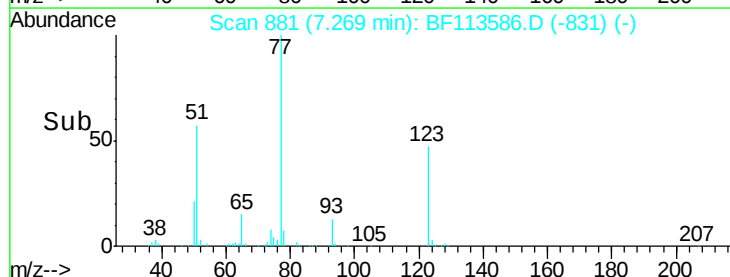
65 13.7 10.6 16.0

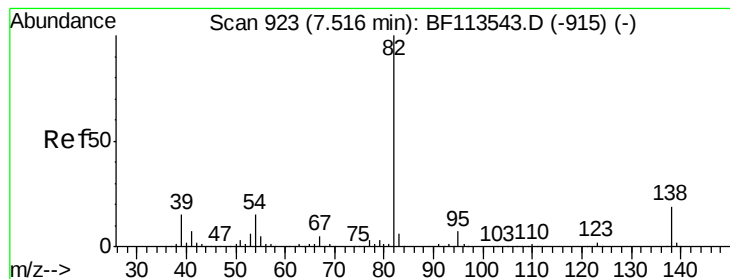


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.999 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

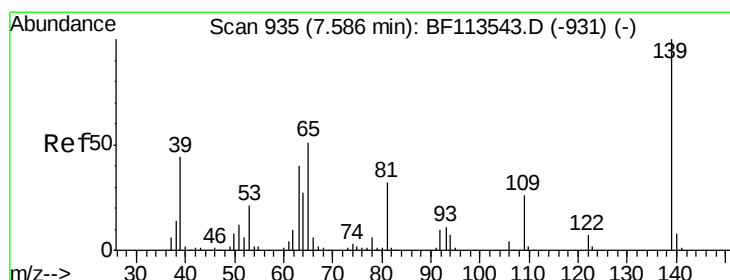
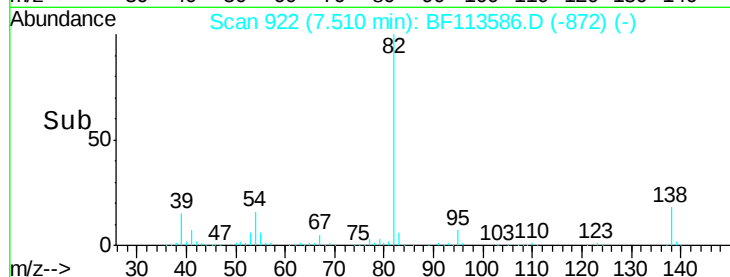
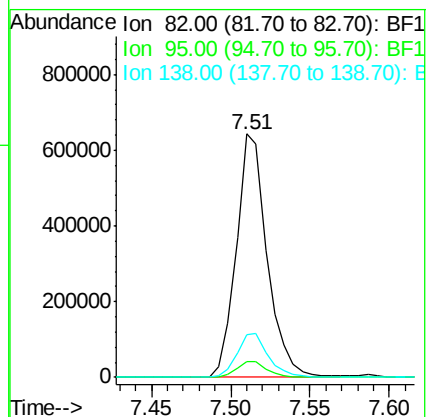
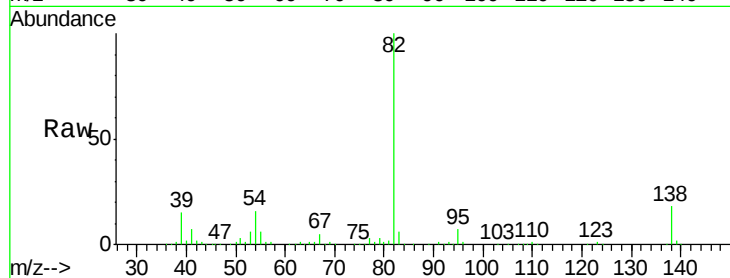
Tgt Ion: 82 Resp: 868926

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

138 17.7 15.2 22.8



#26

2-Nitrophenol

Concen: 41.832 ng

RT: 7.59 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

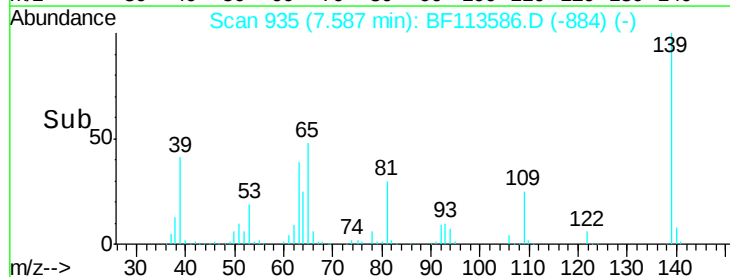
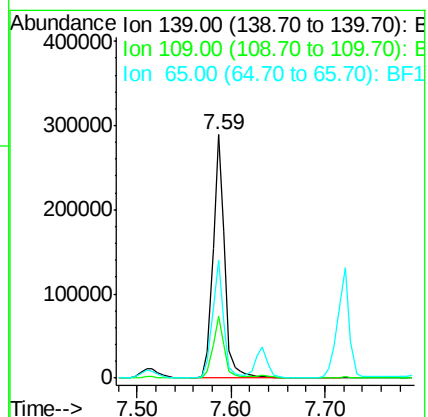
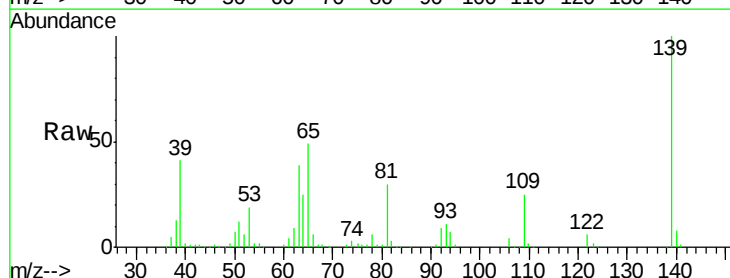
Tgt Ion: 139 Resp: 255089

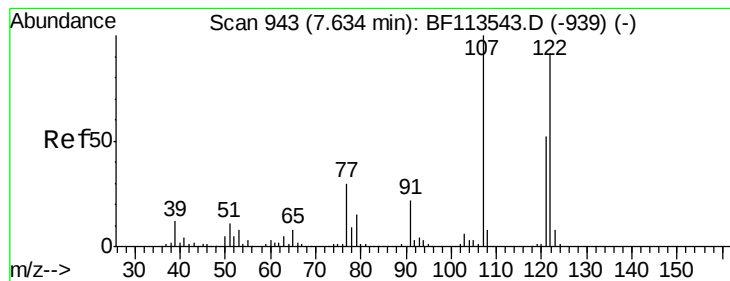
Ion Ratio Lower Upper

139 100

109 25.4 21.7 32.5

65 48.6 41.6 62.4





#27

2,4-Dimethylphenol

Concen: 39.618 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

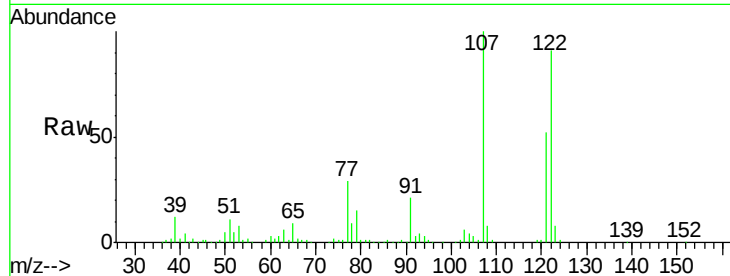
Tgt Ion:122 Resp: 345381

Ion Ratio Lower Upper

122 100

107 109.8 88.8 133.2

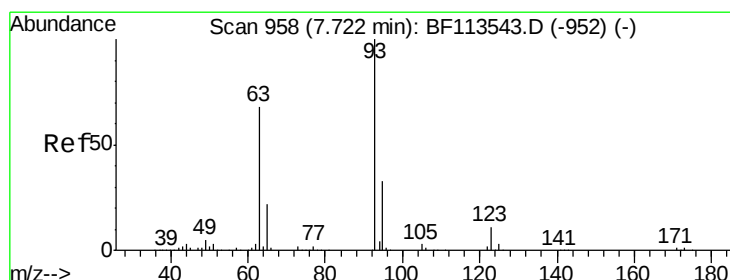
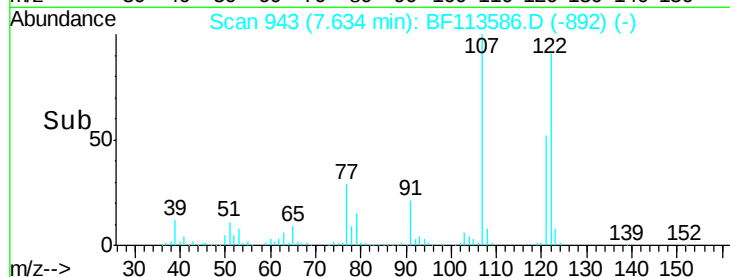
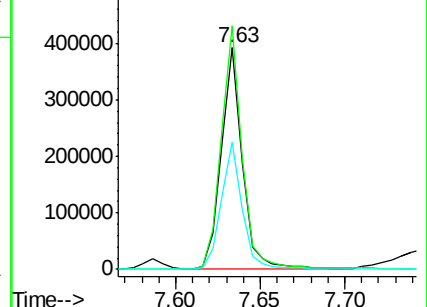
121 57.3 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.733 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

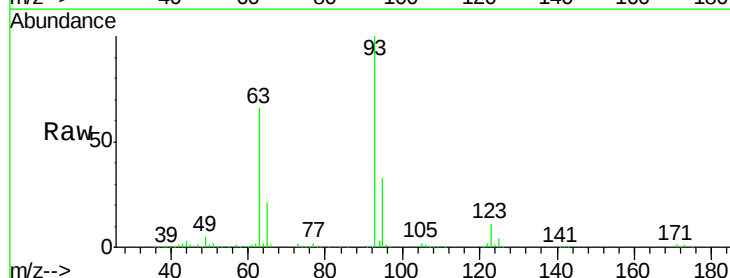
Tgt Ion: 93 Resp: 545793

Ion Ratio Lower Upper

93 100

95 33.4 26.0 39.0

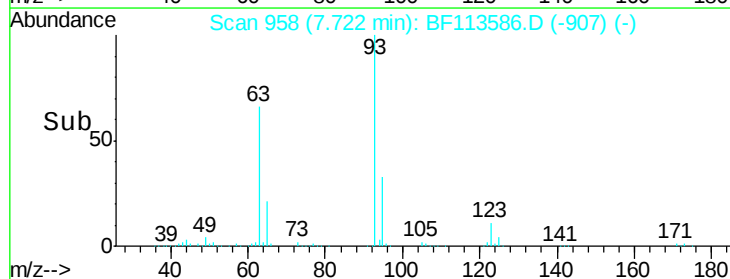
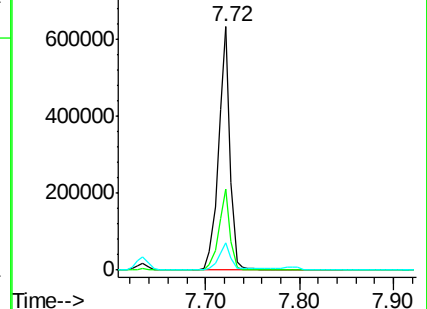
123 11.4 9.1 13.7

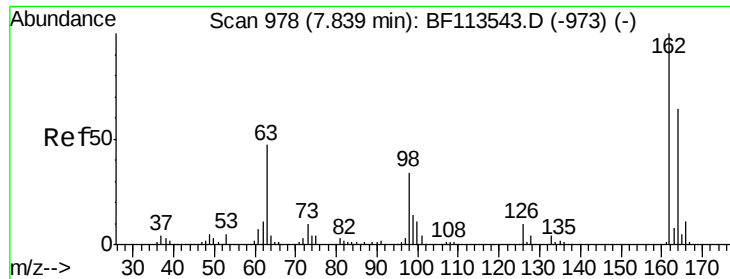


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

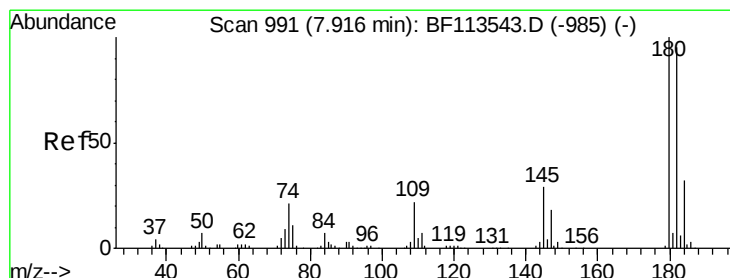
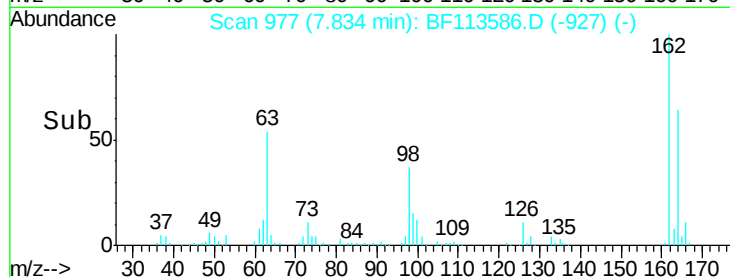
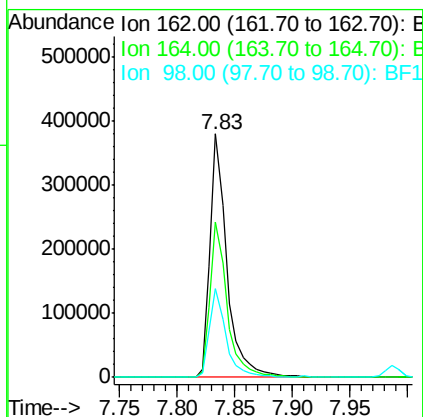
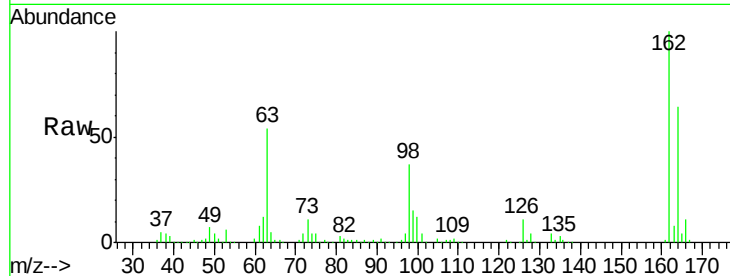




#29
 2,4-Dichlorophenol
 Concen: 41.591 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF113586.D
 Acq: 4 Apr 2019 16:34

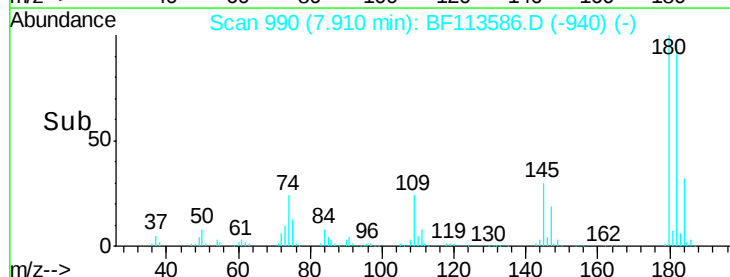
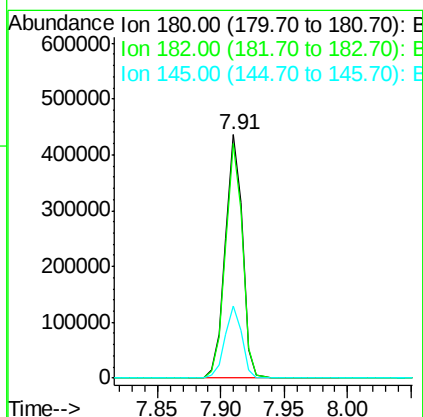
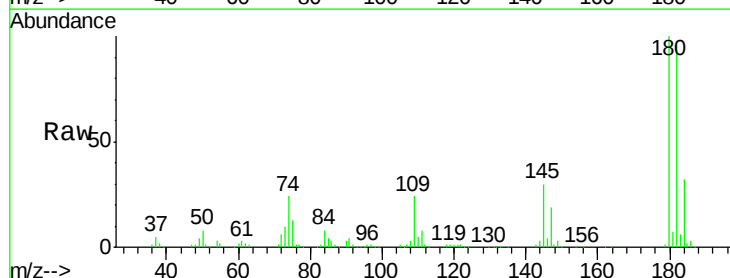
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

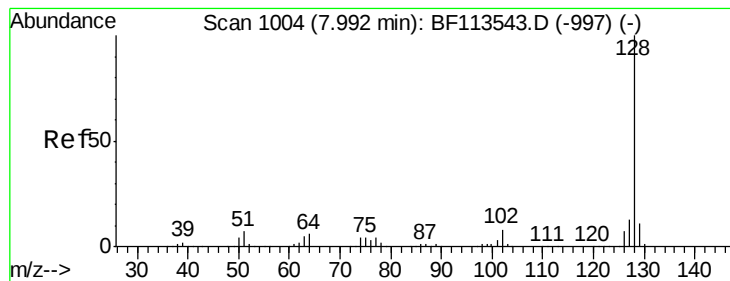
Tgt Ion:162 Resp: 387940
 Ion Ratio Lower Upper
 162 100
 164 63.7 44.6 84.6
 98 36.7 15.6 55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 40.445 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF113586.D
 Acq: 4 Apr 2019 16:34

Tgt Ion:180 Resp: 409681
 Ion Ratio Lower Upper
 180 100
 182 96.4 74.6 111.8
 145 29.7 23.4 35.0





#31

Naphthalene

Concen: 40.241 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

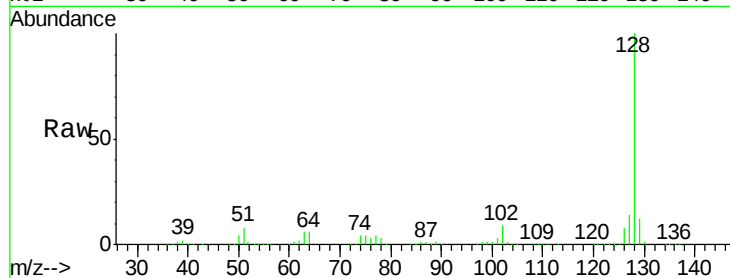
Tgt Ion:128 Resp: 1256542

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

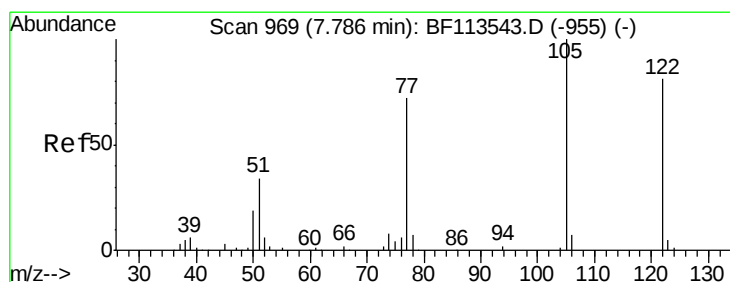
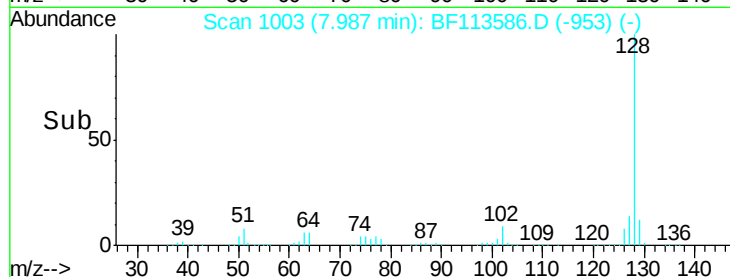
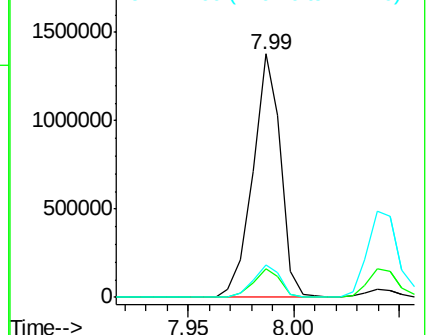
127 13.6 10.9 16.3



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: 39.307 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

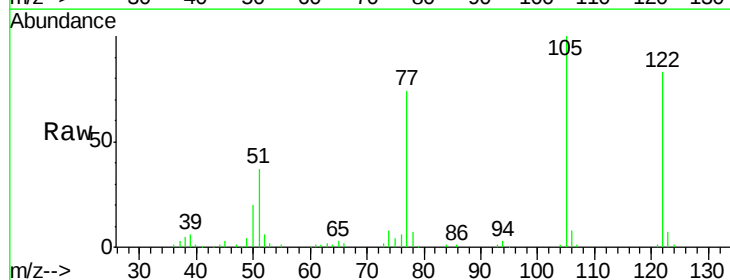
Tgt Ion:122 Resp: 265345

Ion Ratio Lower Upper

122 100

105 120.5 100.4 140.4

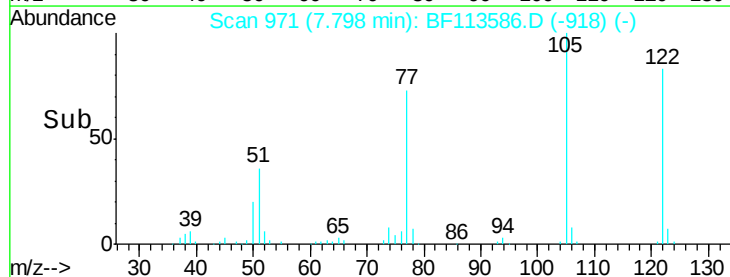
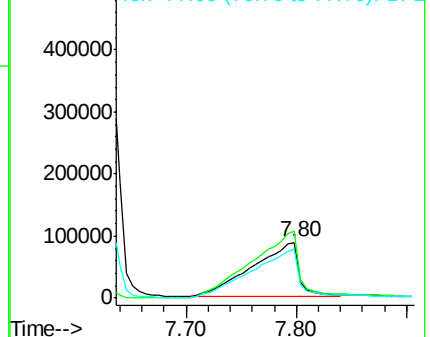
77 88.7 69.0 109.0



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

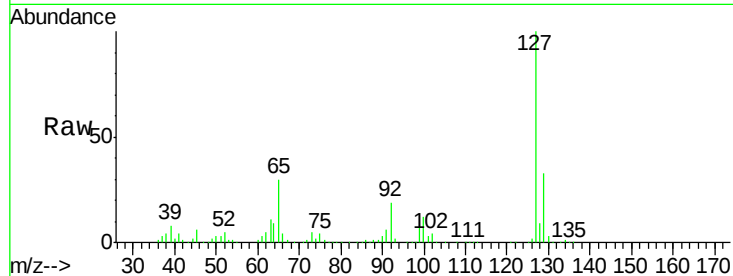




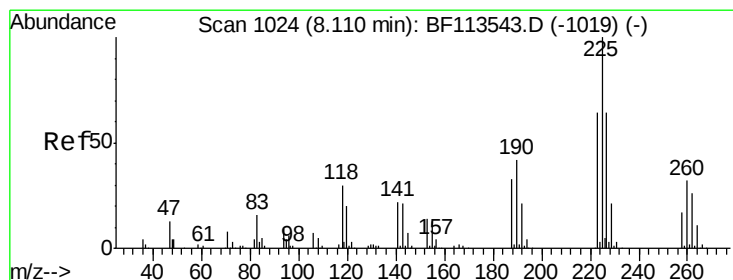
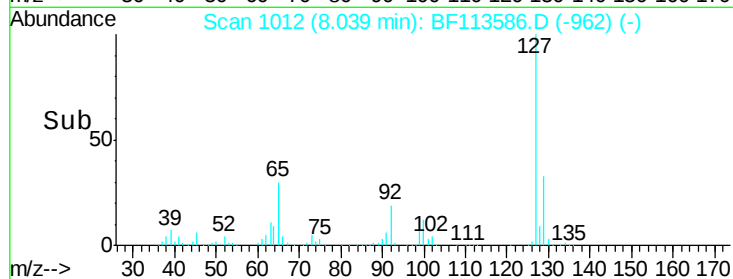
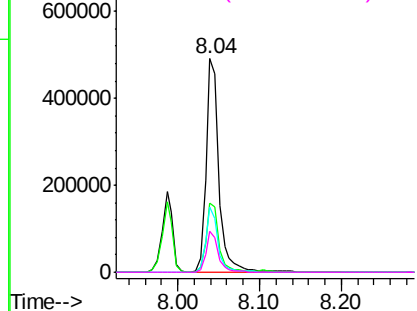
#33
4-Chloroaniline
Concen: 43.216 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	535071
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	30.5	24.2	36.4
92	18.9	15.0	22.6

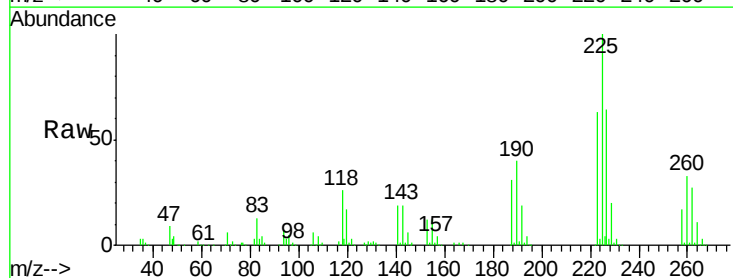


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

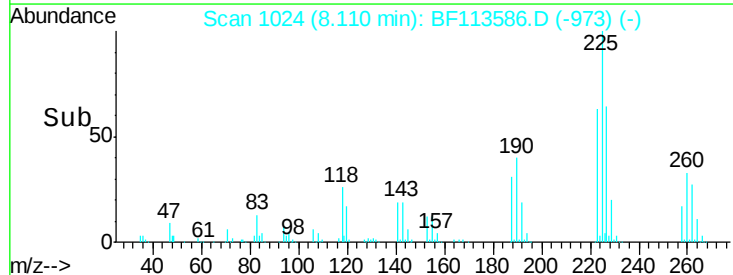
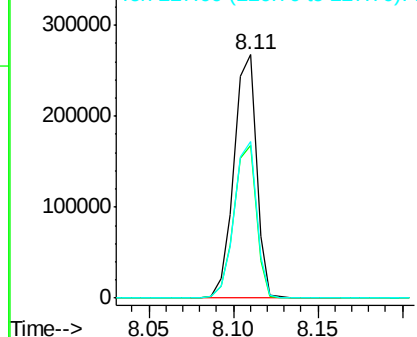


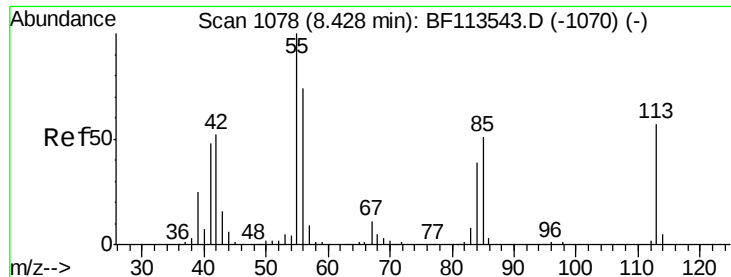
#34
Hexachlorobutadiene
Concen: 40.149 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Tgt Ion:	225	Resp:	247943
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.4	77.2
227	64.4	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

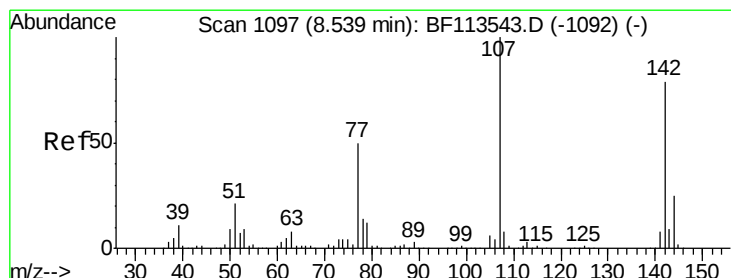
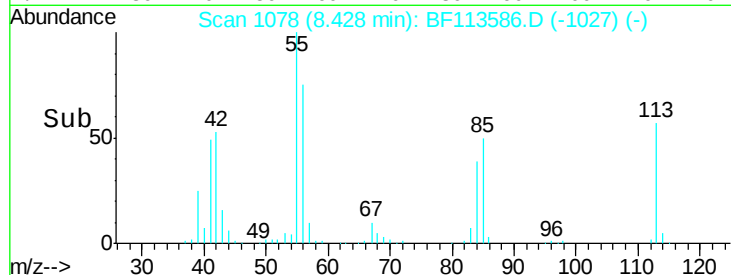
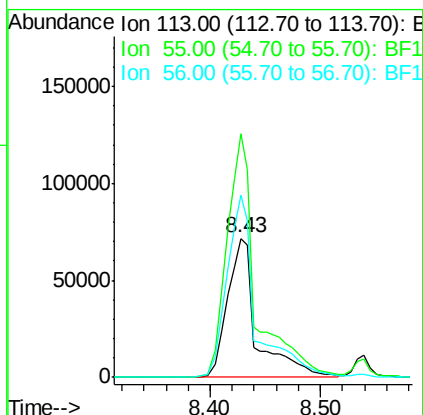
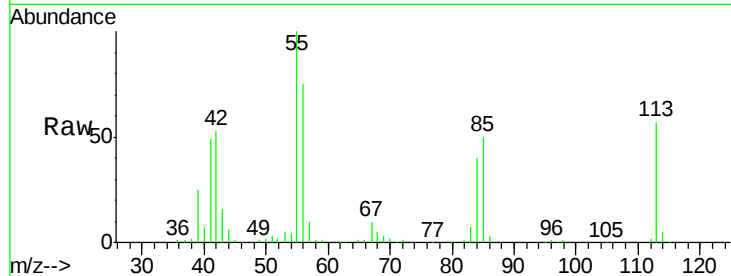




#35
 Caprolactam
 Concen: 45.090 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF113586.D
 Acq: 4 Apr 2019 16:34

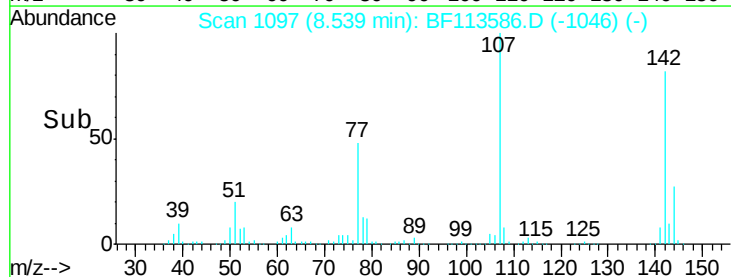
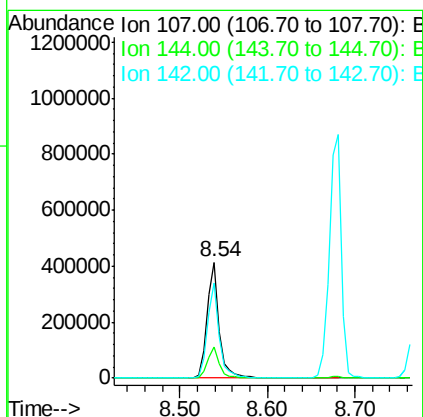
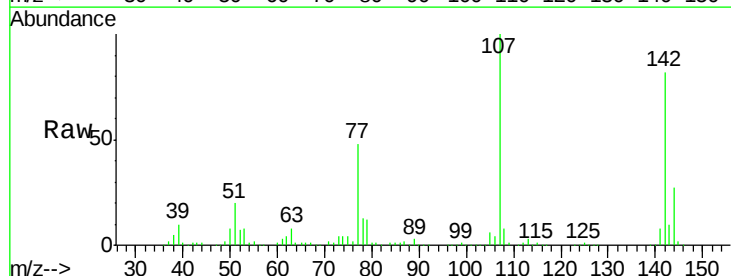
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

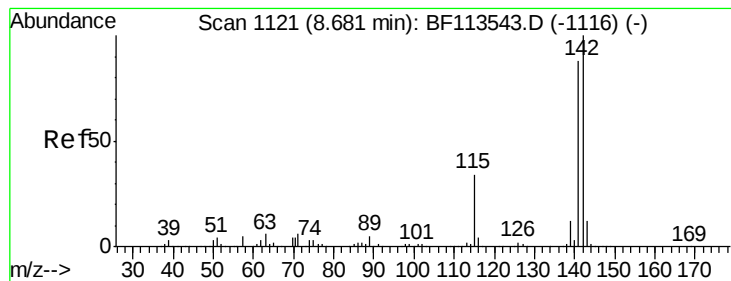
Tgt Ion:113 Resp: 133506
 Ion Ratio Lower Upper
 113 100
 55 175.5 152.7 192.7
 56 131.6 108.3 148.3



#36
 4-Chloro-3-methylphenol
 Concen: 42.204 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF113586.D
 Acq: 4 Apr 2019 16:34

Tgt Ion:107 Resp: 395171
 Ion Ratio Lower Upper
 107 100
 144 26.8 21.4 32.0
 142 81.7 65.6 98.4

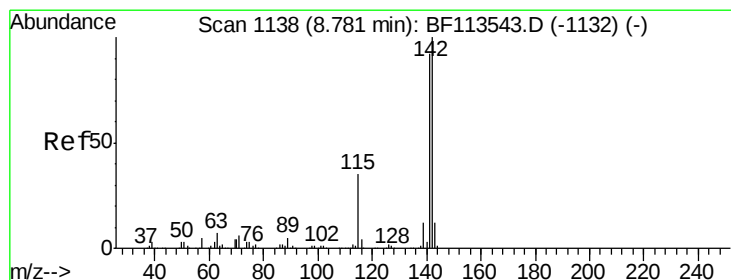
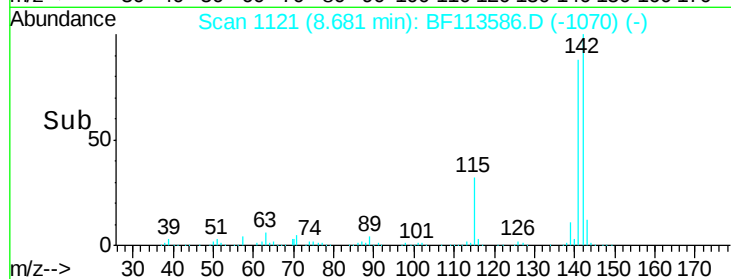
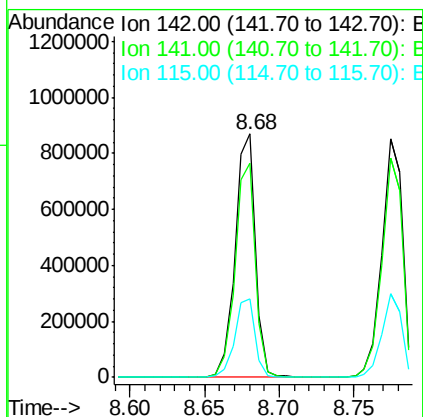
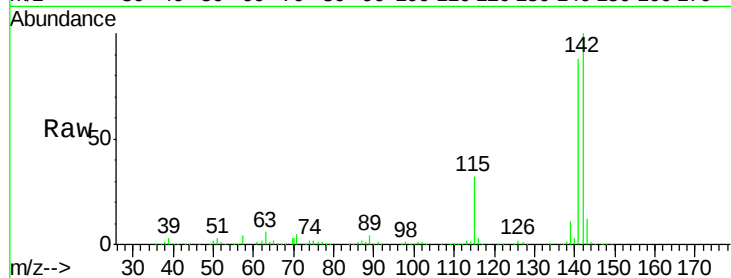




#37
2-Methylnaphthalene
Concen: 40.395 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

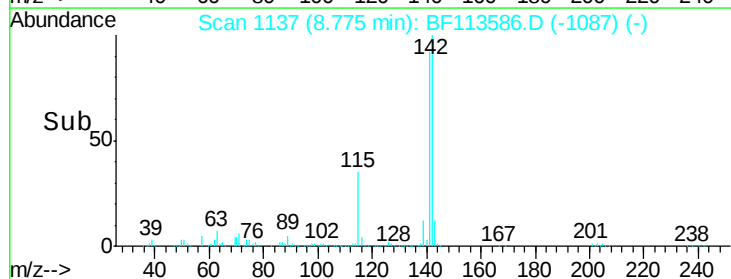
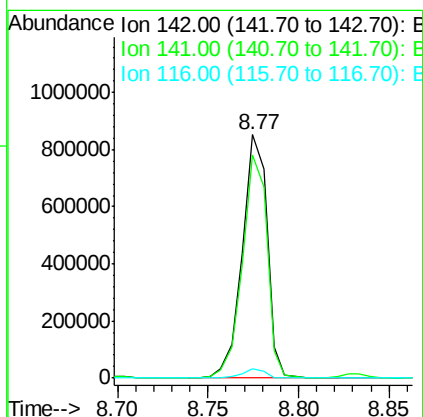
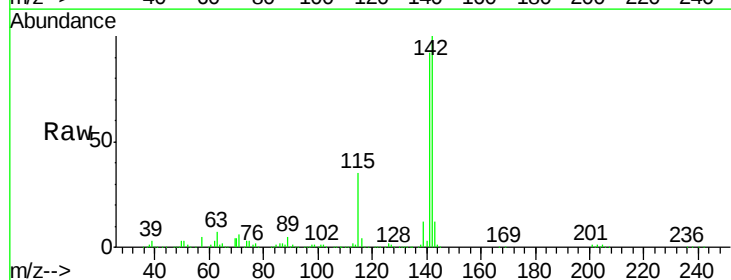
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

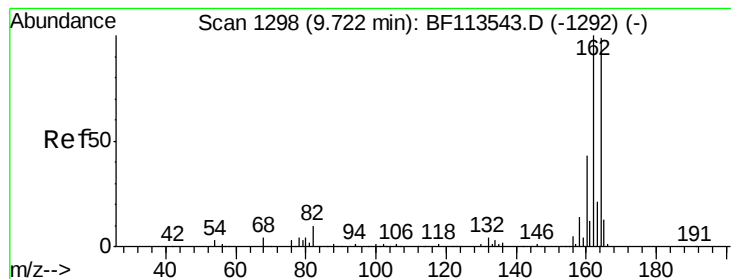
Tgt Ion:142 Resp: 829592
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.6
115 32.4 26.6 39.8



#38
1-Methylnaphthalene
Concen: 40.903 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Tgt Ion:142 Resp: 809998
Ion Ratio Lower Upper
142 100
141 91.7 73.2 109.8
116 3.7 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: BF113586.D

Acq: 4 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

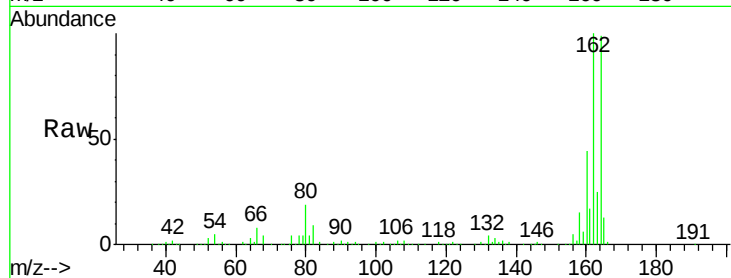
Tgt Ion:164 Resp: 319465

Ion Ratio Lower Upper

164 100

162 101.1 81.8 122.6

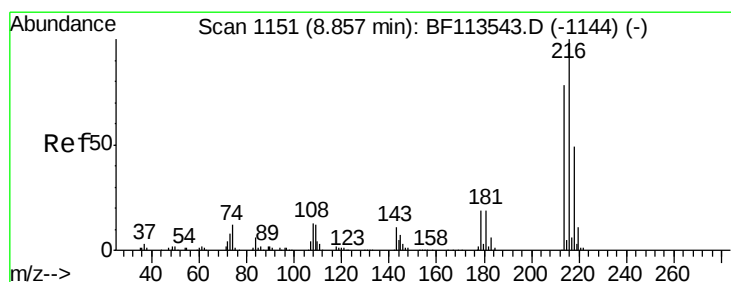
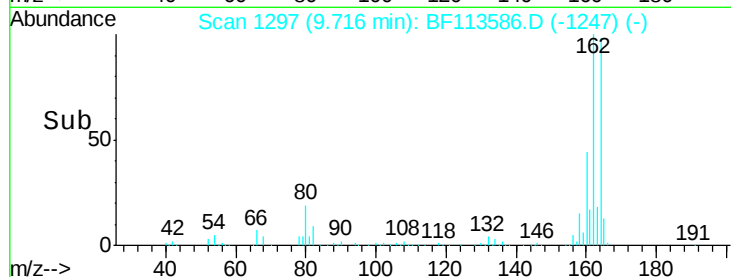
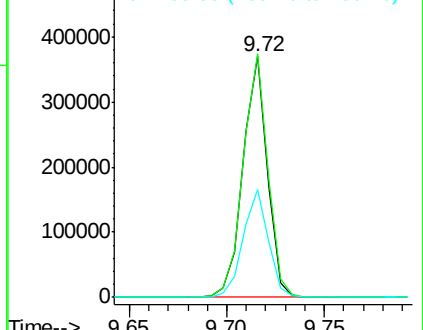
160 45.0 36.4 54.6



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: 39.560 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

Tgt Ion:216 Resp: 408727

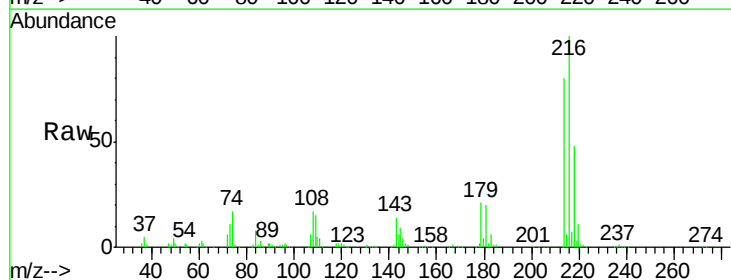
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.6

179 20.2 16.8 25.2

108 16.4 13.8 20.6

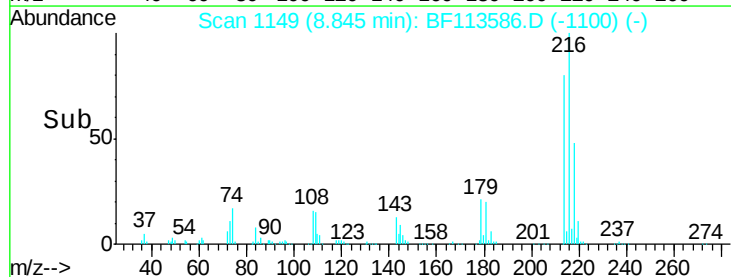
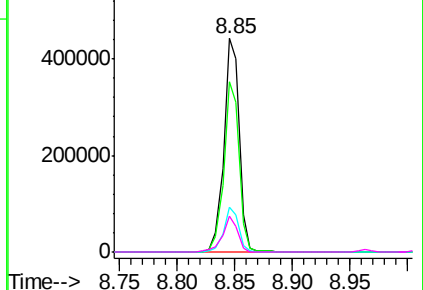


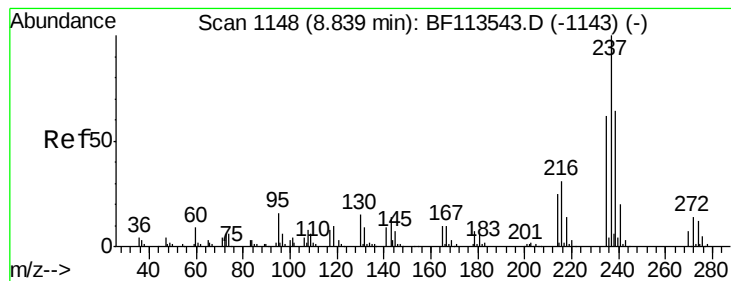
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.729 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

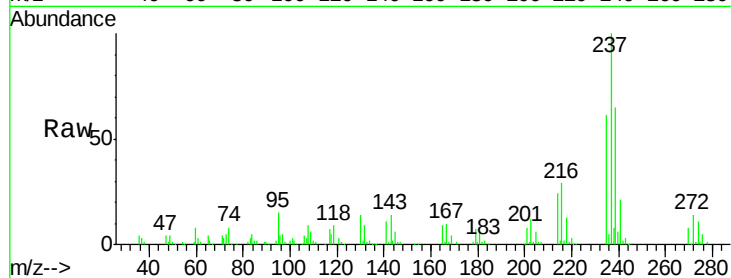
Tgt Ion:237 Resp: 110069

Ion Ratio Lower Upper

237 100

235 60.6 43.4 83.4

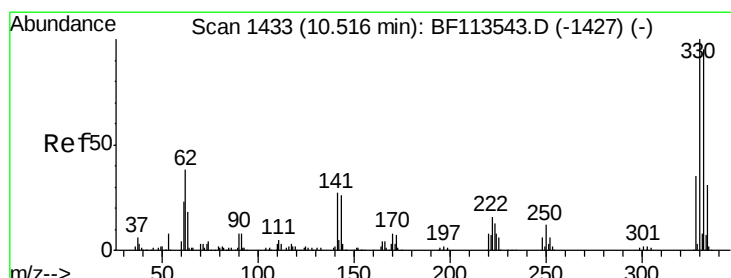
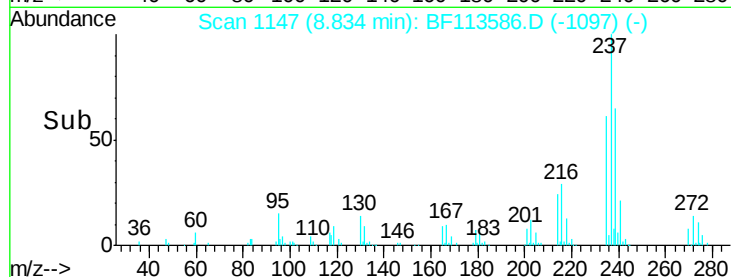
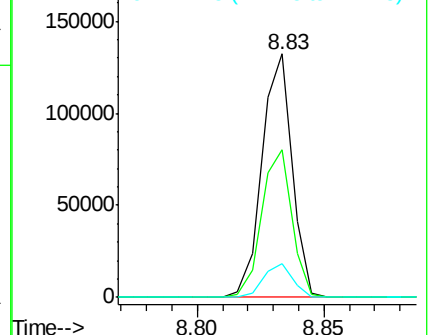
272 13.7 0.0 33.7



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: 82.282 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

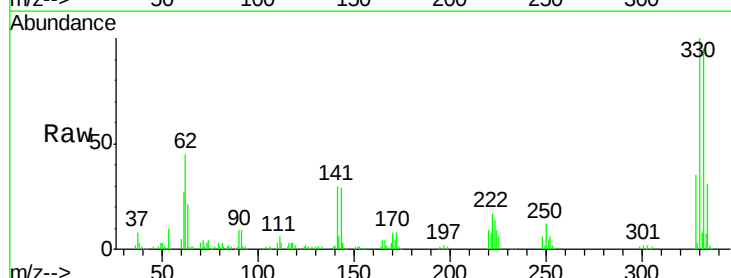
Tgt Ion:330 Resp: 315763

Ion Ratio Lower Upper

330 100

332 95.6 77.8 116.6

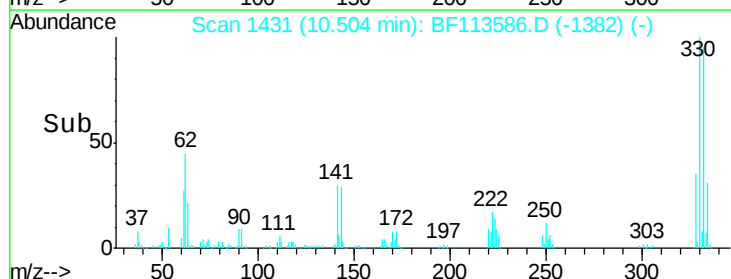
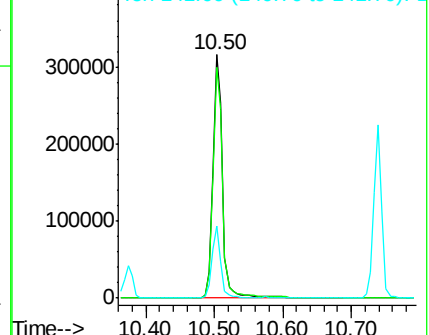
141 27.4 22.7 34.1



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

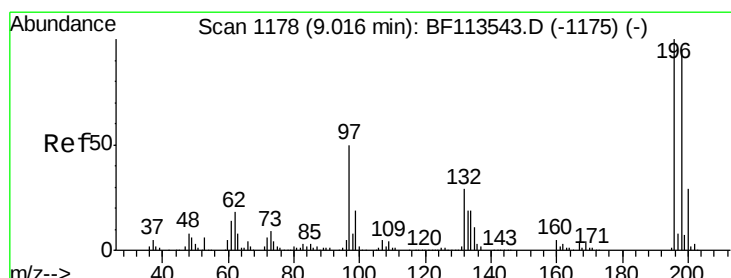
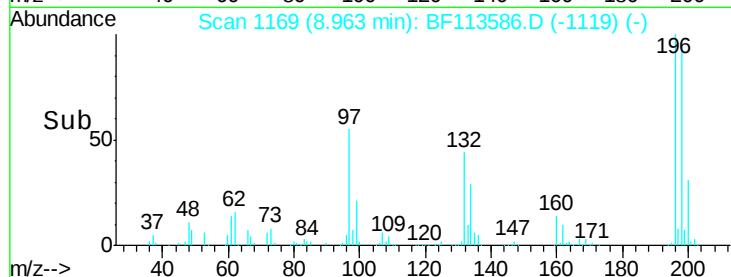
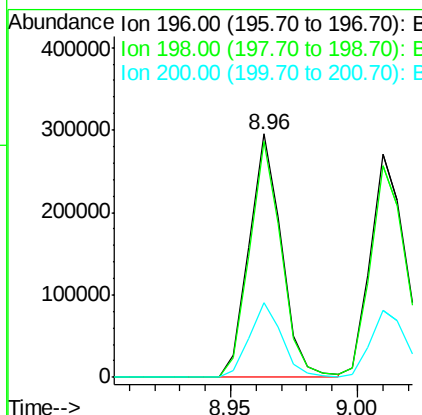
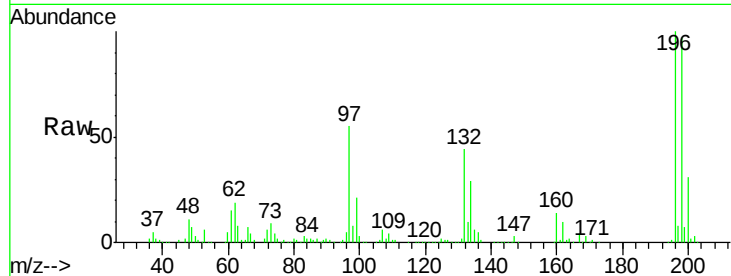




#43
 2,4,6-Trichlorophenol
 Concen: 40.544 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF113586.D
 Acq: 4 Apr 2019 16:34

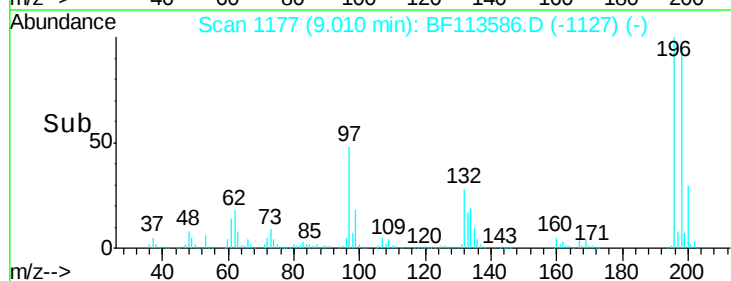
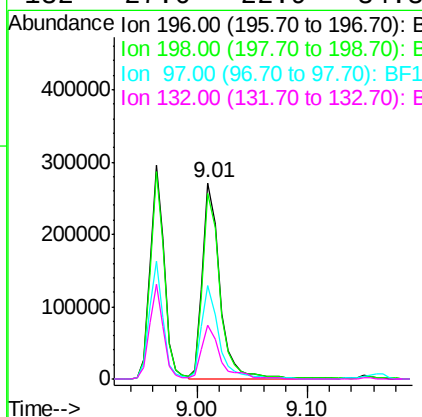
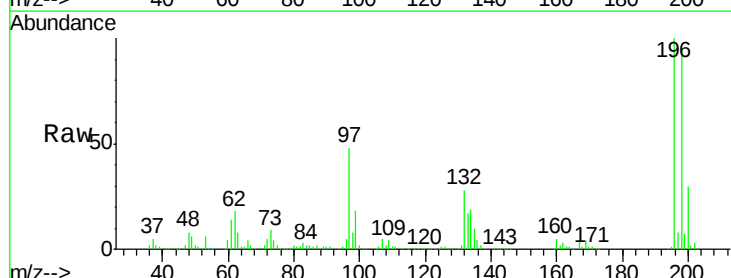
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

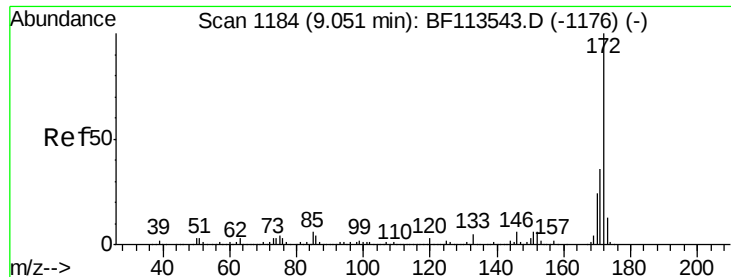
Tgt Ion:196 Resp: 264416
 Ion Ratio Lower Upper
 196 100
 198 96.9 77.7 116.5
 200 30.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.970 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF113586.D
 Acq: 4 Apr 2019 16:34

Tgt Ion:196 Resp: 286854
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.4 113.2
 97 47.9 38.6 58.0
 132 27.6 22.9 34.3

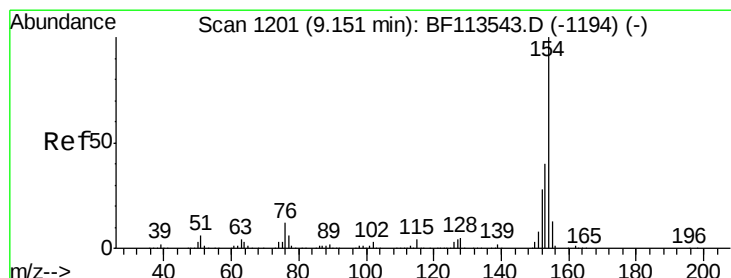
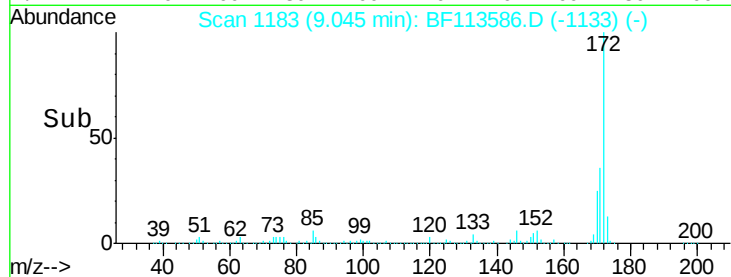
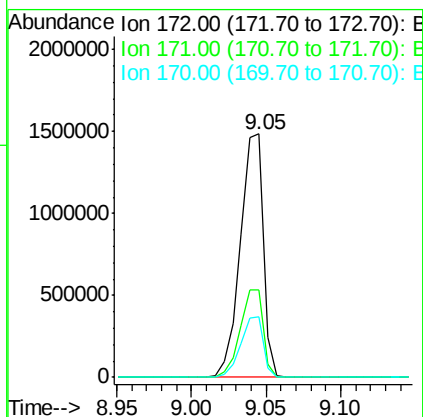
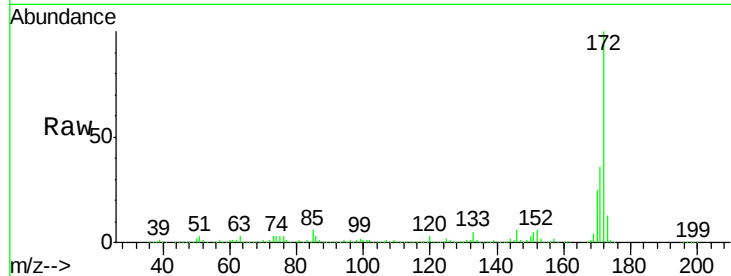




#45
2-Fluorobiphenyl
Concen: 80.610 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

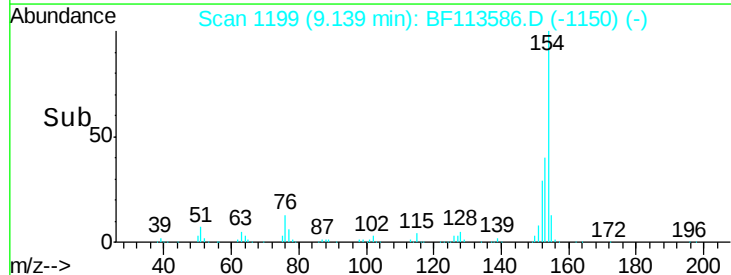
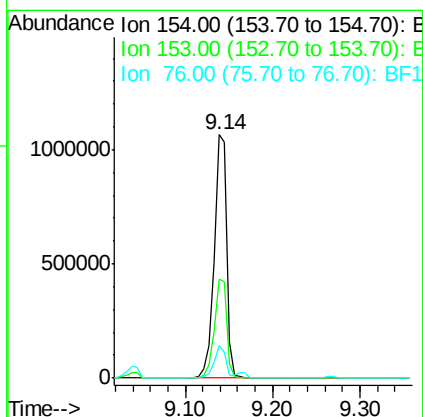
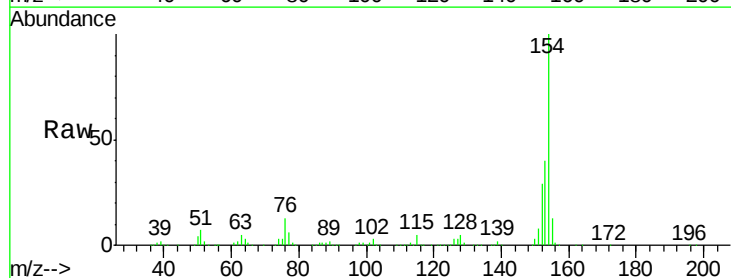
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

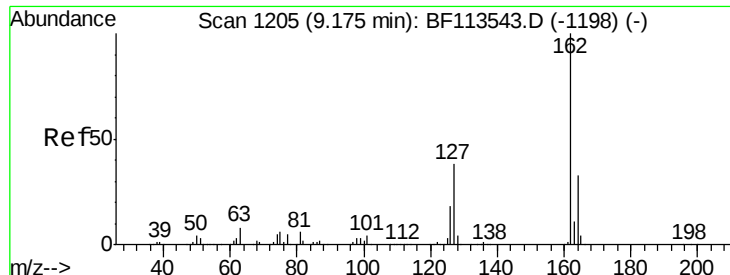
Tgt Ion:172 Resp: 1599609
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 24.7 19.5 29.3



#46
1,1'-Biphenyl
Concen: 39.939 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Tgt Ion:154 Resp: 1052855
Ion Ratio Lower Upper
154 100
153 40.4 20.8 60.8
76 13.3 0.0 31.9

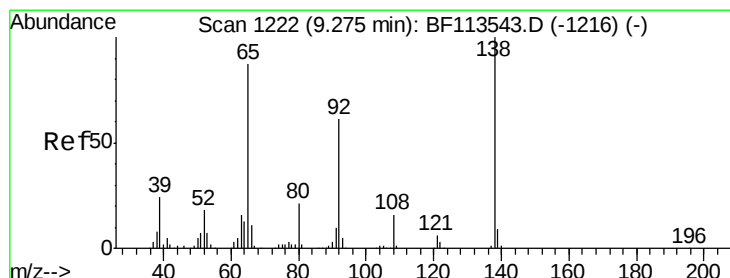
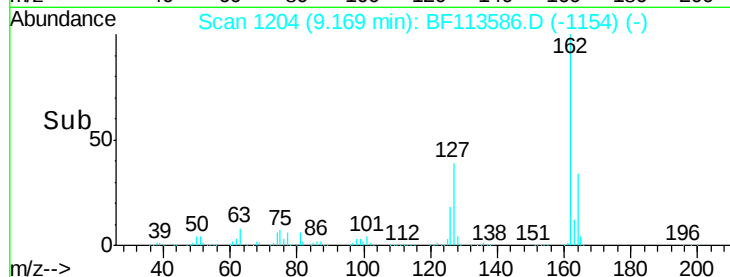
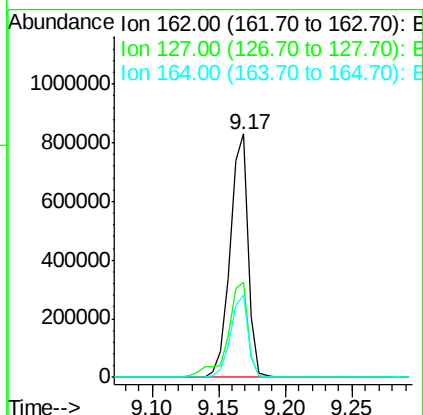
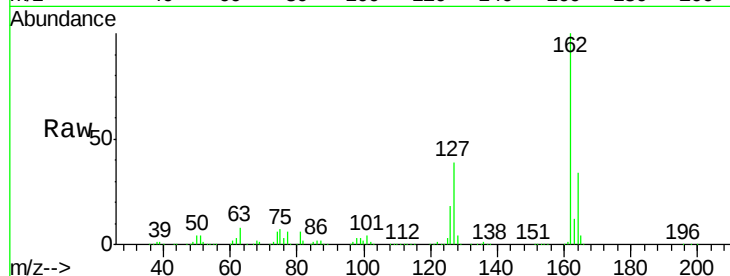




#47
 2-Chloronaphthalene
 Concen: 39.814 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF113586.D
 Acq: 4 Apr 2019 16:34

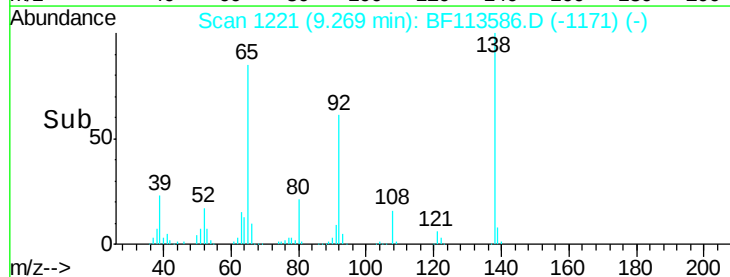
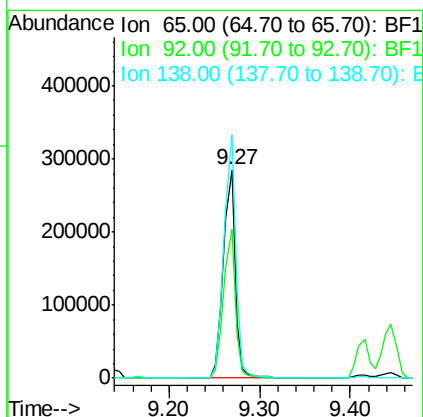
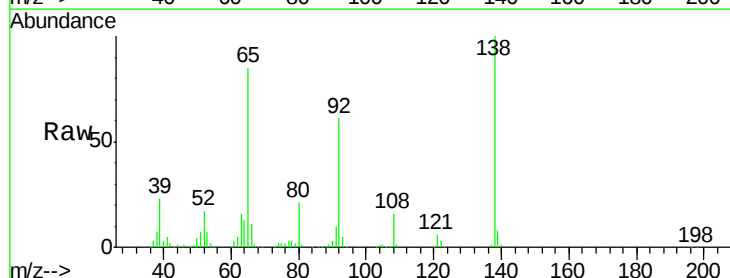
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

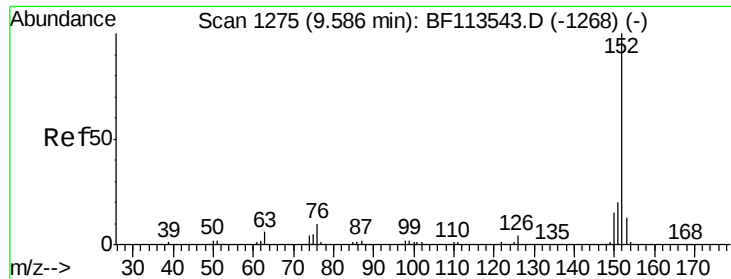
Tgt Ion: 162 Resp: 794662
 Ion Ratio Lower Upper
 162 100
 127 39.0 32.6 49.0
 164 33.6 26.6 39.8



#48
 2-Nitroaniline
 Concen: 42.189 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF113586.D
 Acq: 4 Apr 2019 16:34

Tgt Ion: 65 Resp: 257667
 Ion Ratio Lower Upper
 65 100
 92 71.7 56.8 85.2
 138 117.0 92.3 138.5

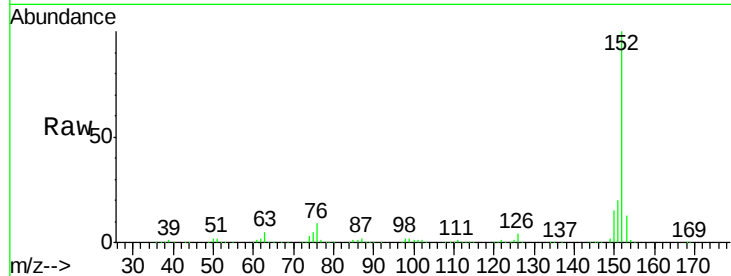




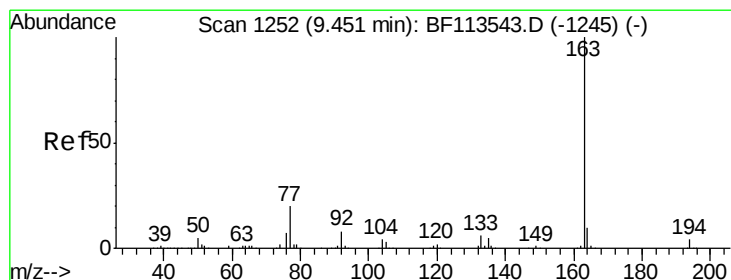
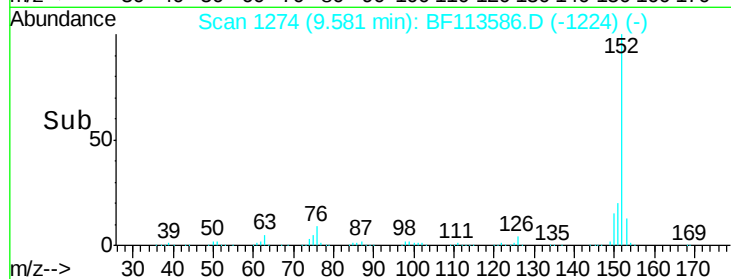
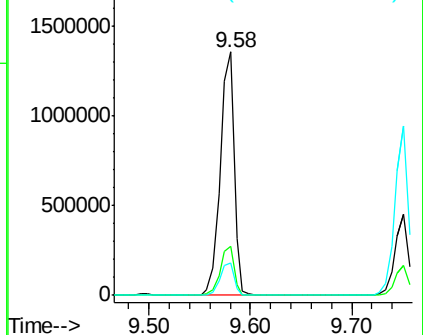
#49
Acenaphthylene
Concen: 39.758 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 1290415
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.2 11.0 16.6

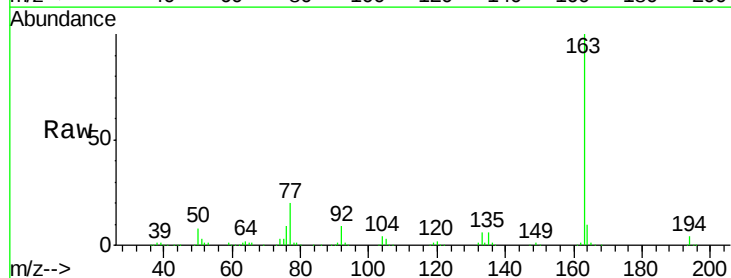


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

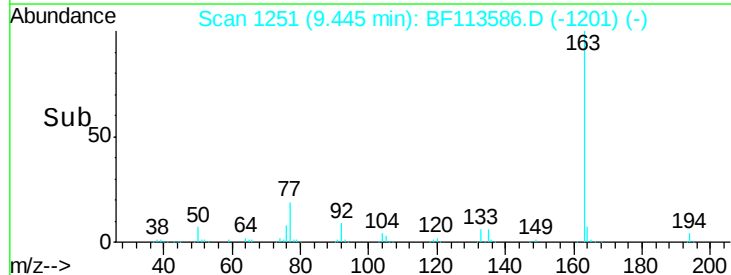
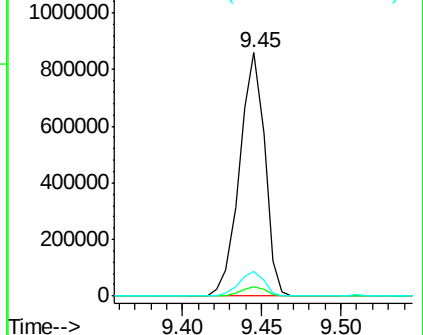


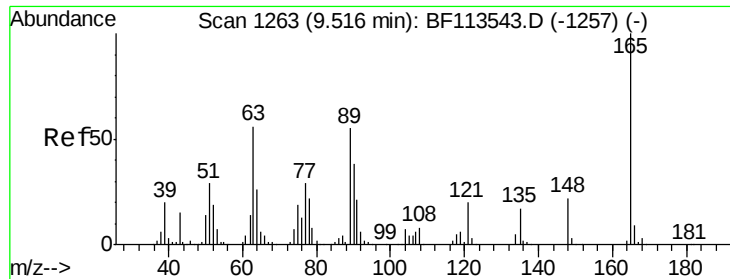
#50
Dimethylphthalate
Concen: 40.146 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Tgt Ion:163 Resp: 945397
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

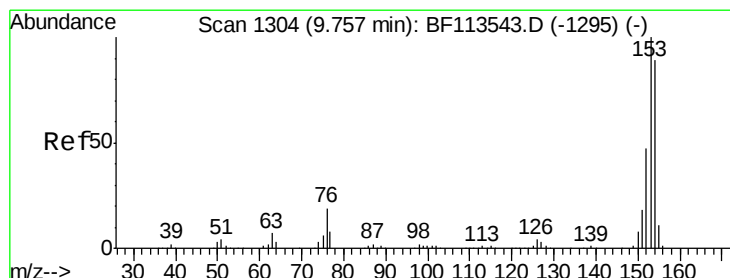
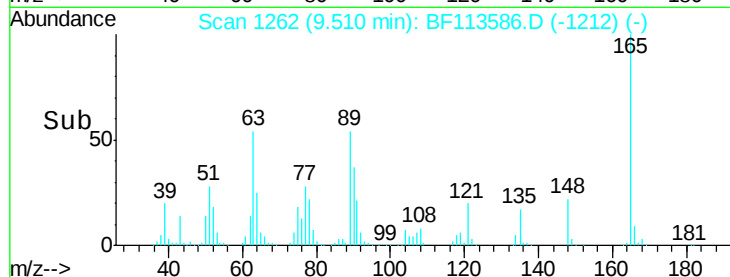
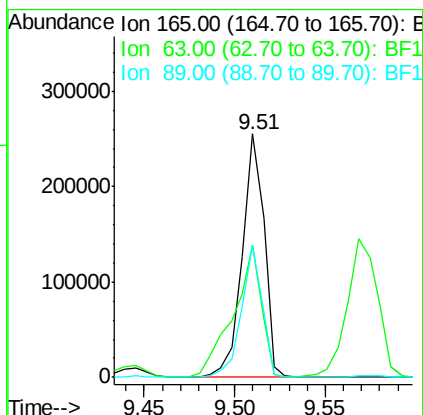
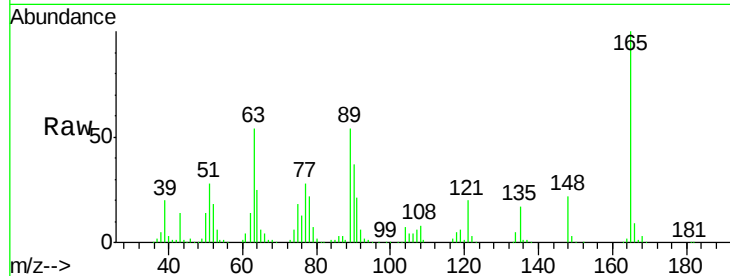




#51
 2,6-Dinitrotoluene
 Concen: 41.305 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF113586.D
 Acq: 4 Apr 2019 16:34

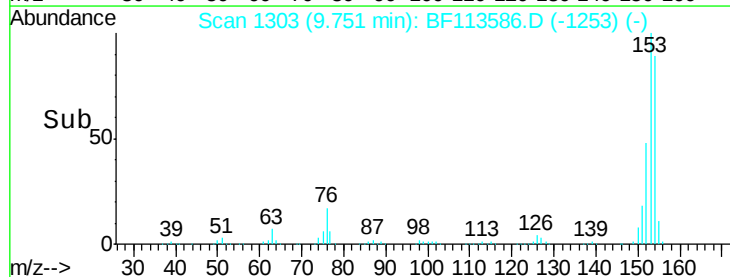
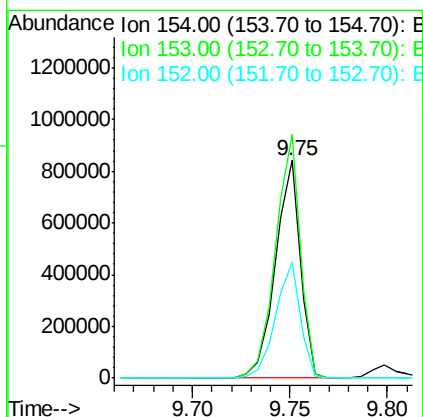
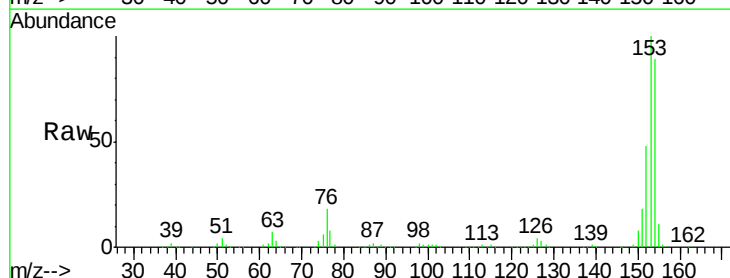
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

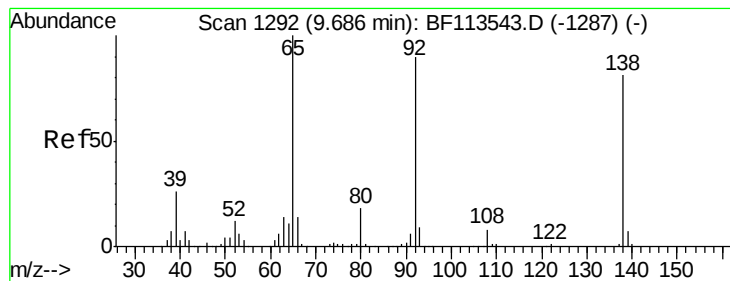
Tgt Ion:165 Resp: 214408
 Ion Ratio Lower Upper
 165 100
 63 54.5 43.4 65.0
 89 54.3 43.1 64.7



#52
 Acenaphthene
 Concen: 40.063 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF113586.D
 Acq: 4 Apr 2019 16:34

Tgt Ion:154 Resp: 744338
 Ion Ratio Lower Upper
 154 100
 153 111.8 89.5 134.3
 152 53.3 43.3 64.9





#53

3-Nitroaniline

Concen: 42.482 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

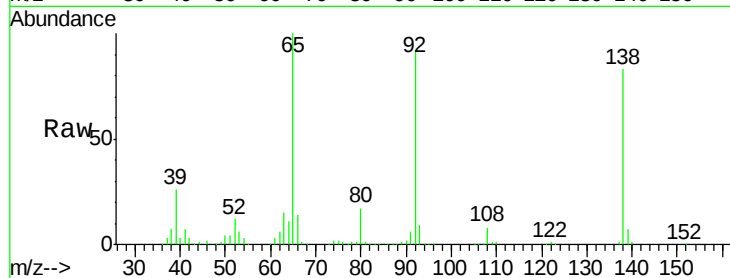
Tgt Ion:138 Resp: 250713

Ion Ratio Lower Upper

138 100

108 9.8 7.8 11.6

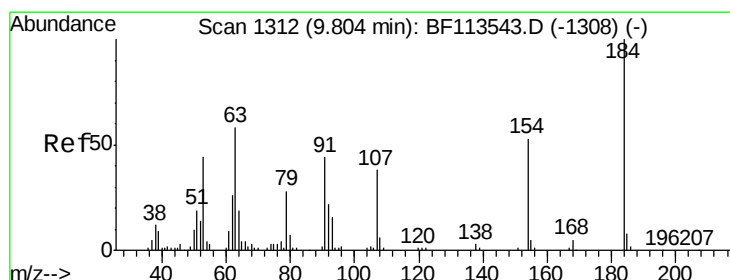
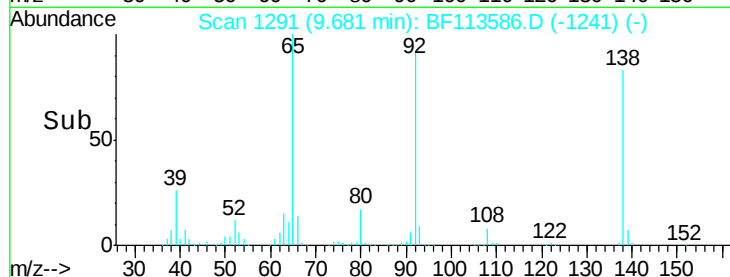
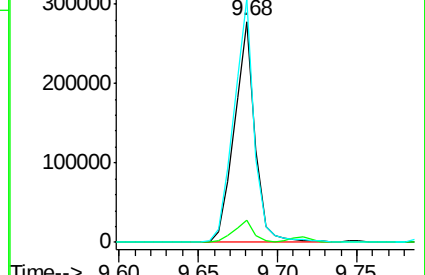
92 110.3 82.6 124.0



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: 40.859 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

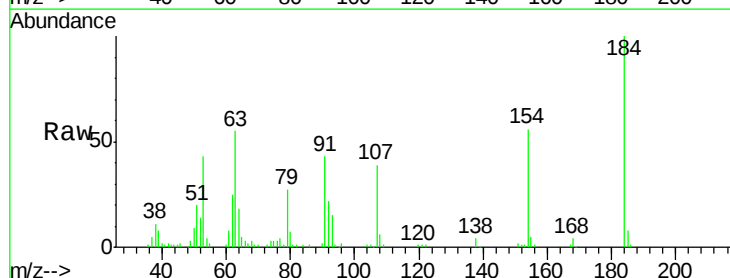
Tgt Ion:184 Resp: 99226

Ion Ratio Lower Upper

184 100

63 55.2 54.3 81.5

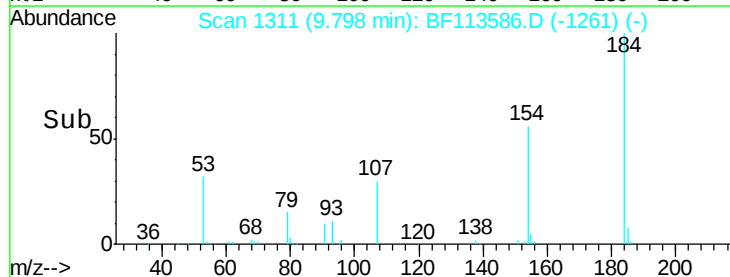
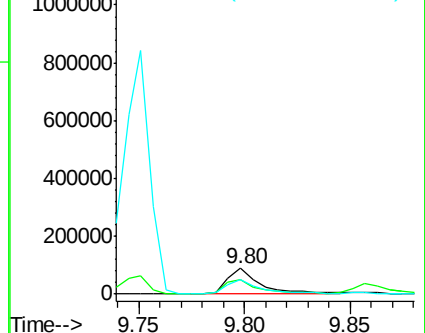
154 56.3 48.4 72.6

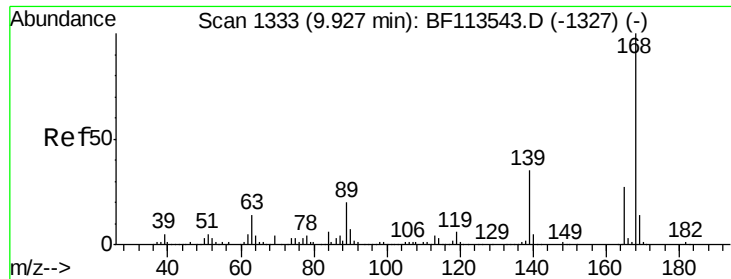


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

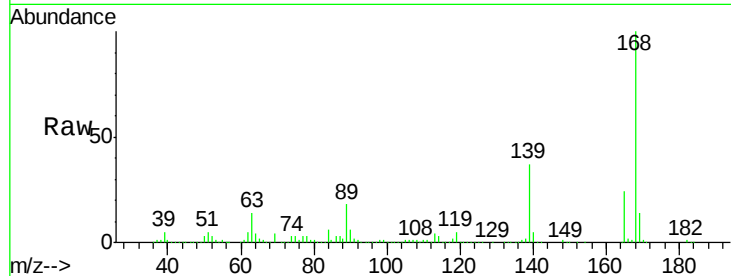




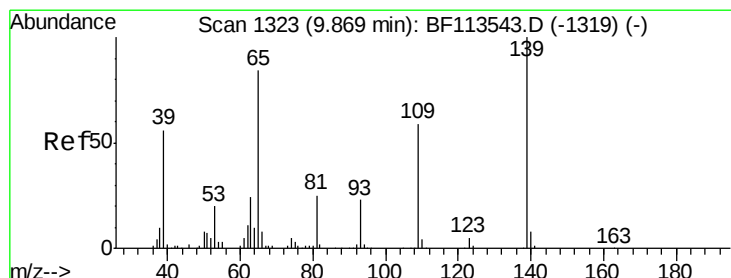
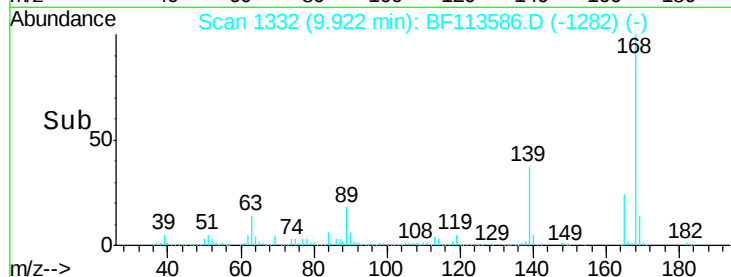
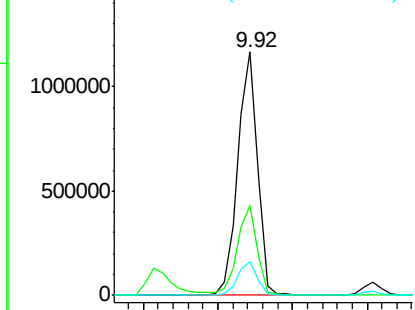
#55
Dibenzenofuran
Concen: 39.723 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:168 Resp: 1082593
Ion Ratio Lower Upper
168 100
139 36.9 29.7 44.5
169 13.7 10.7 16.1

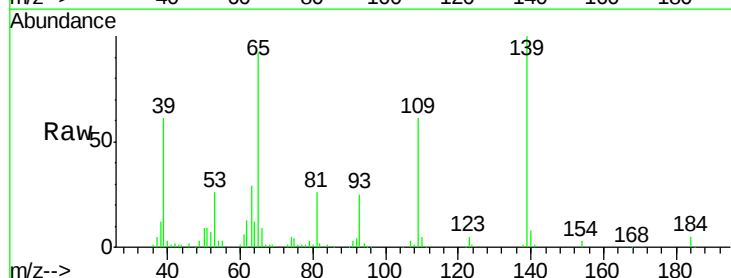


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

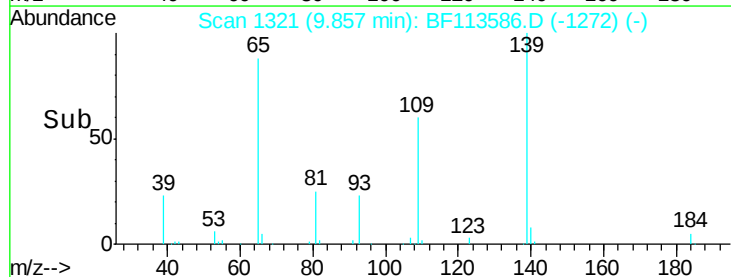
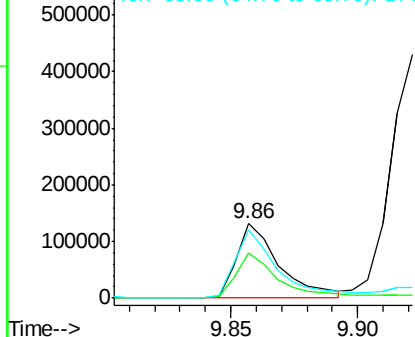


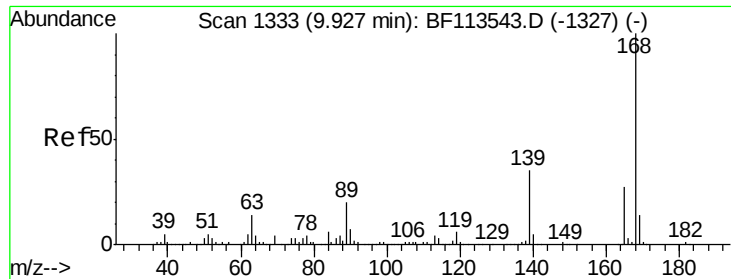
#56
4-Nitrophenol
Concen: 41.941 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Tgt Ion:139 Resp: 153546
Ion Ratio Lower Upper
139 100
109 61.3 46.9 86.9
65 92.5 77.2 117.2



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

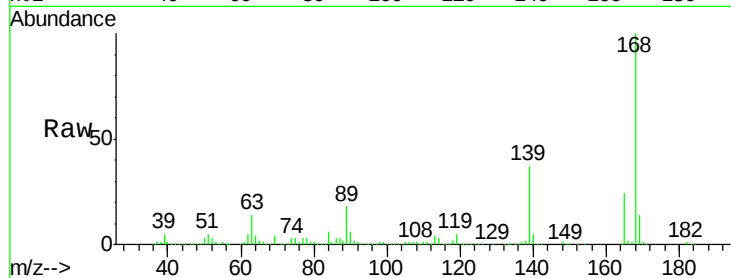




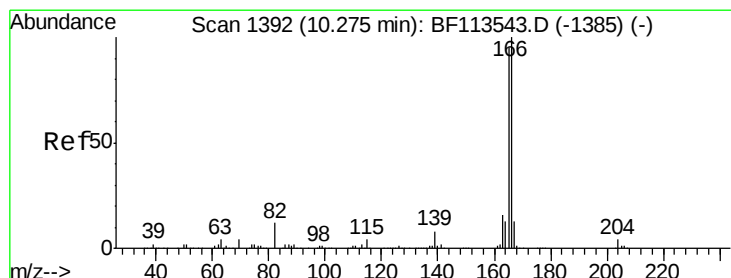
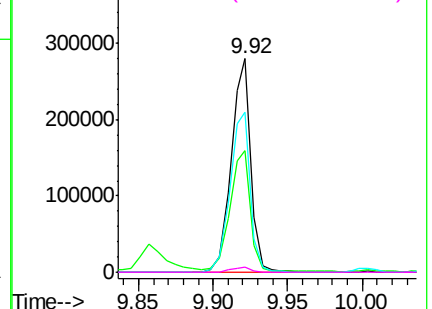
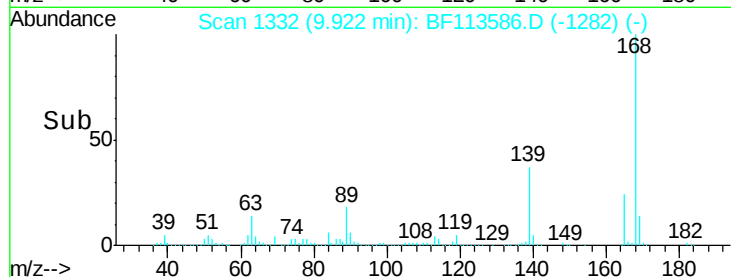
#57
2,4-Dinitrotoluene
Concen: 41.269 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 259081
Ion Ratio Lower Upper
165 100
63 57.1 37.5 56.3#
89 75.0 57.4 86.2
182 2.3 2.0 3.0

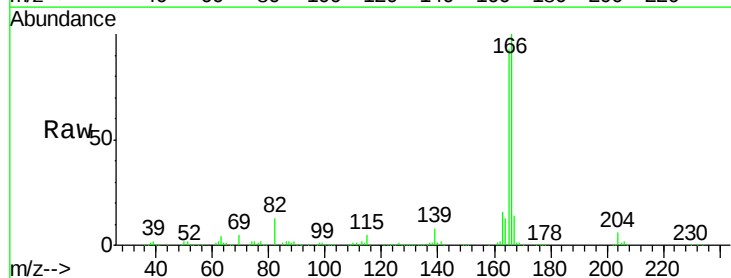


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

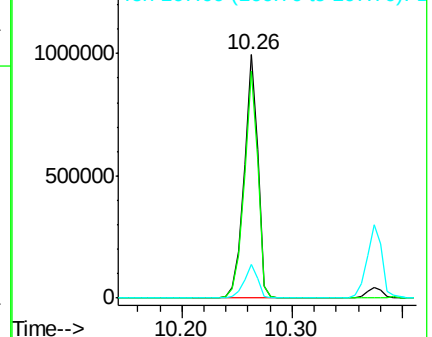
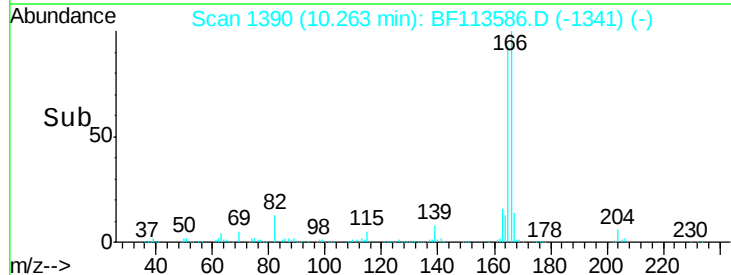


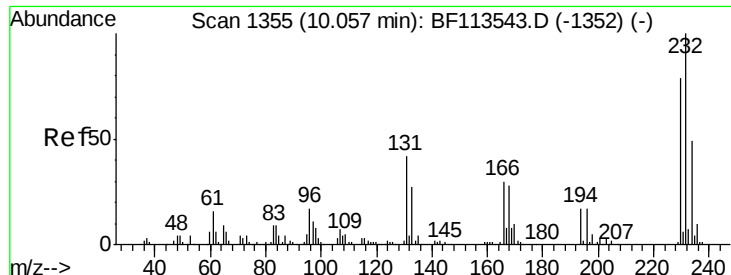
#58
Fluorene
Concen: 40.401 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Tgt Ion:166 Resp: 870861
Ion Ratio Lower Upper
166 100
165 93.3 76.2 114.2
167 13.6 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

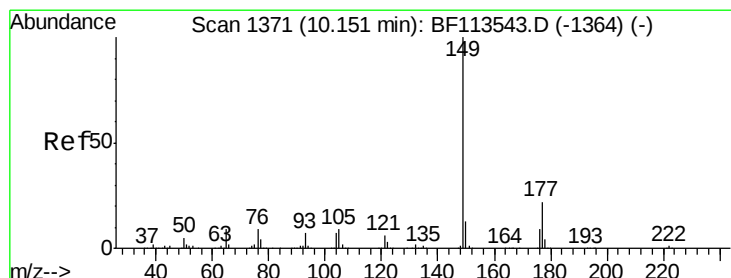
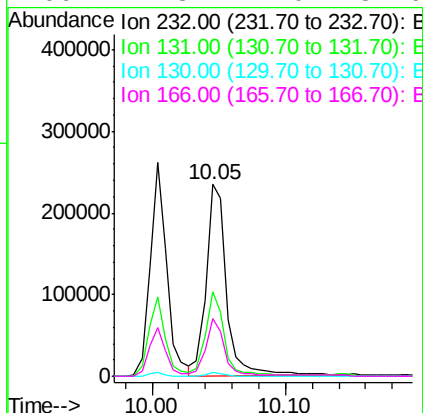
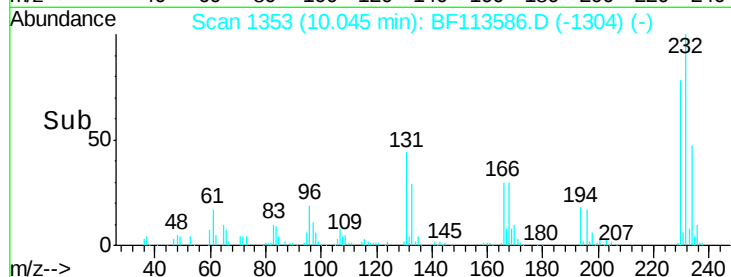
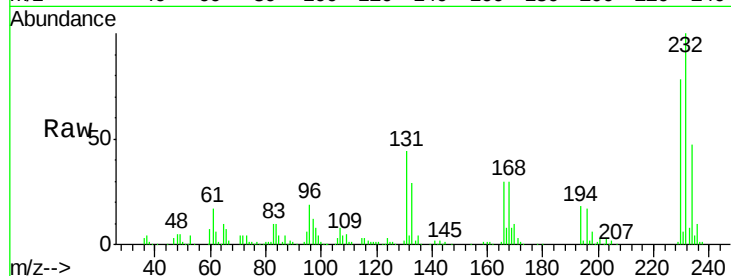




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.794 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF113586.D
 Acq: 4 Apr 2019 16:34

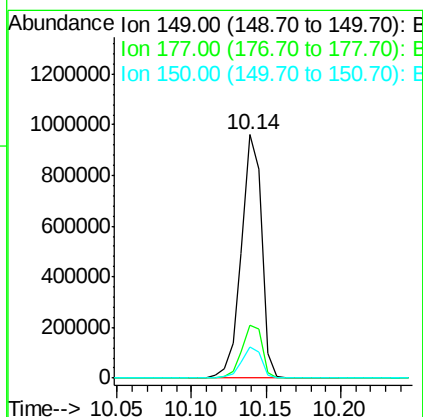
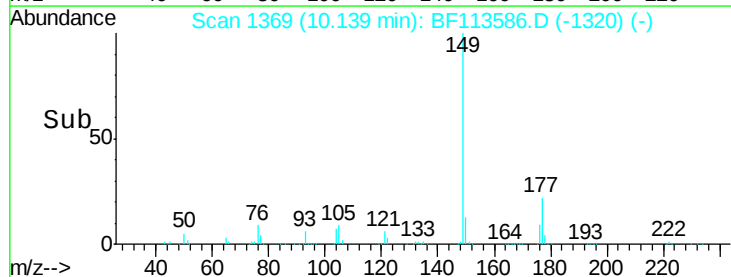
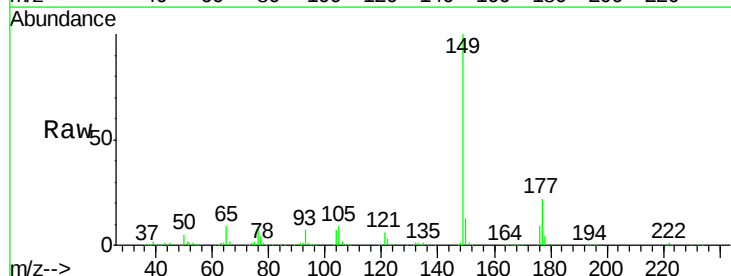
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	232	Resp:	247232
Ion	Ratio	Lower	Upper
232	100		
131	40.2	33.2	49.8
130	1.9	1.6	2.4
166	27.3	21.0	31.6



#60
 Diethylphthalate
 Concen: 40.097 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: BF113586.D
 Acq: 4 Apr 2019 16:34

Tgt Ion:	149	Resp:	910381
Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.4	26.0
150	12.7	10.0	15.0

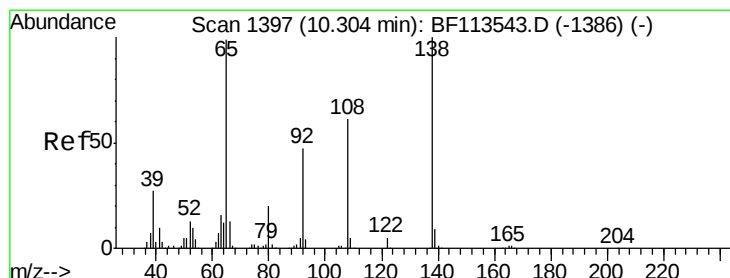
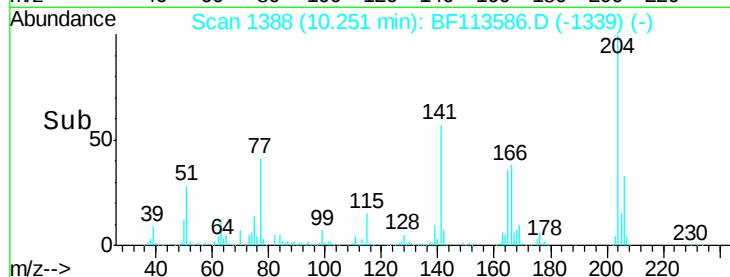
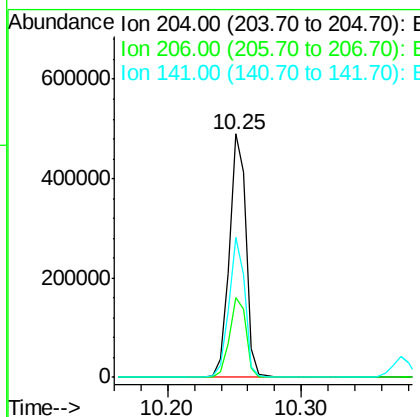
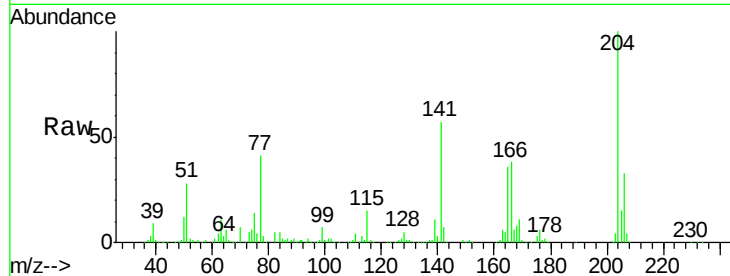




#61
4-Chlorophenyl-phenylether
Concen: 40.733 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

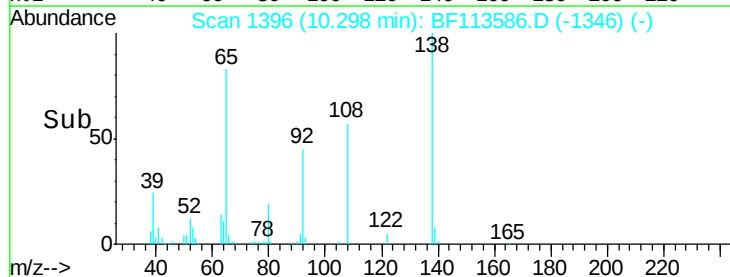
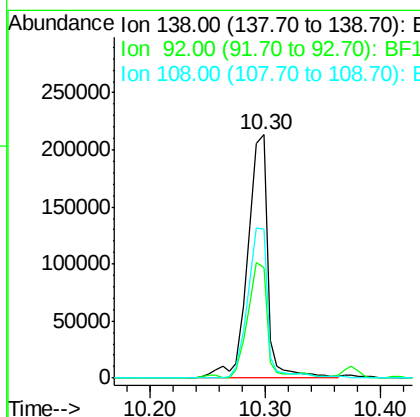
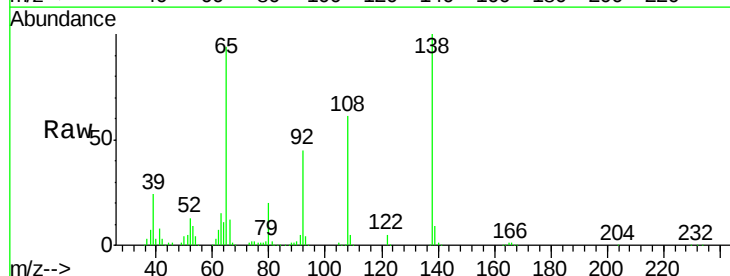
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

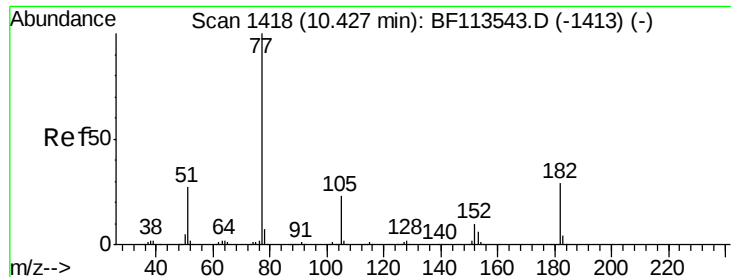
Tgt Ion:204 Resp: 431865
Ion Ratio Lower Upper
204 100
206 32.8 26.9 40.3
141 57.5 48.8 73.2



#62
4-Nitroaniline
Concen: 43.365 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Tgt Ion:138 Resp: 260248
Ion Ratio Lower Upper
138 100
92 45.2 25.8 65.8
108 61.0 44.0 84.0





#63

Azobenzene

Concen: 40.156 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 863262

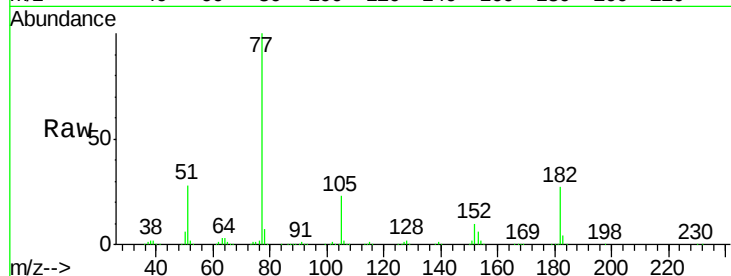
Ion Ratio Lower Upper

77 100

182 27.3 8.7 48.7

105 23.2 2.9 42.9

51 28.4 8.8 48.8

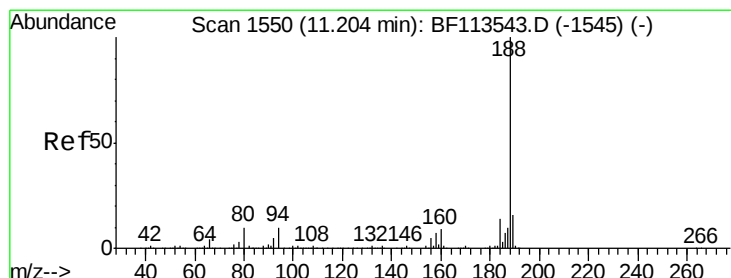
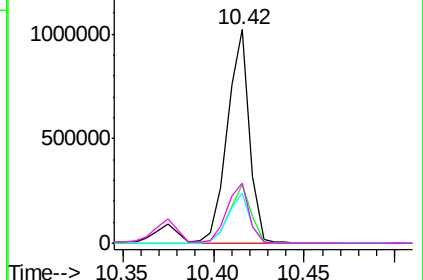
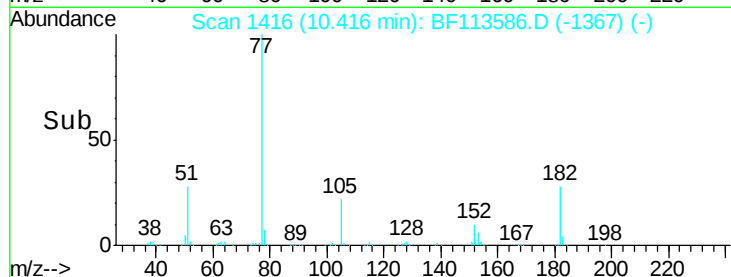


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

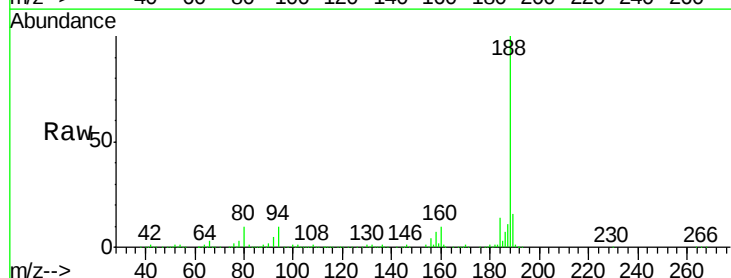
Tgt Ion: 188 Resp: 635529

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.6

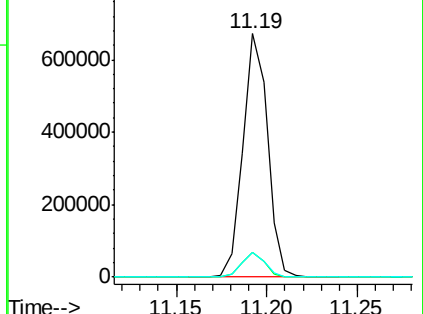
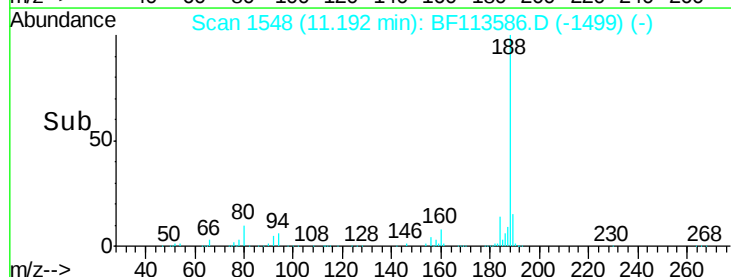
80 10.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

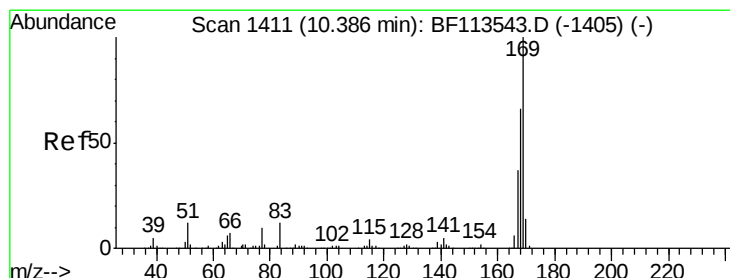
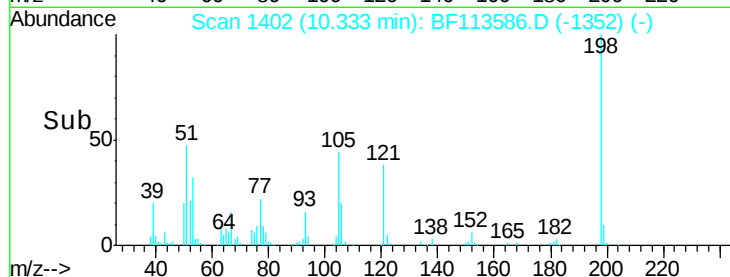
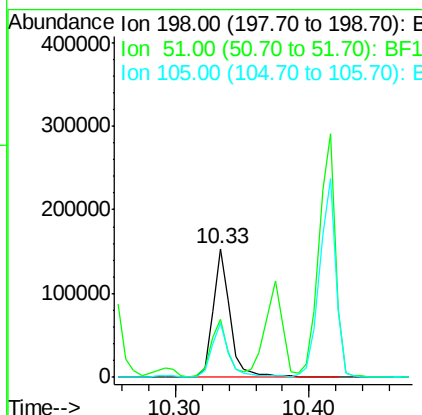
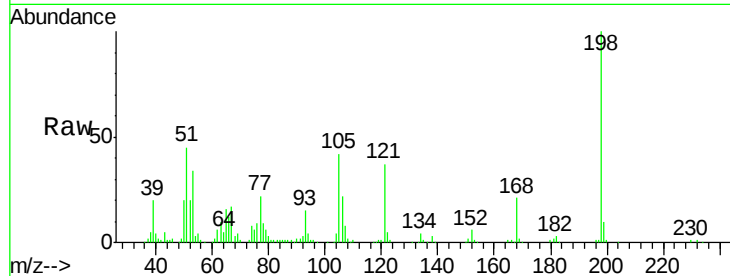




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.688 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF113586.D
 Acq: 4 Apr 2019 16:34

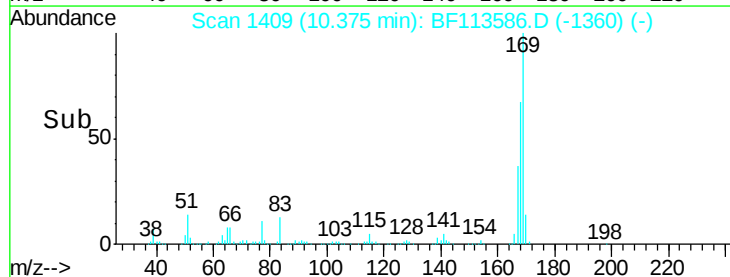
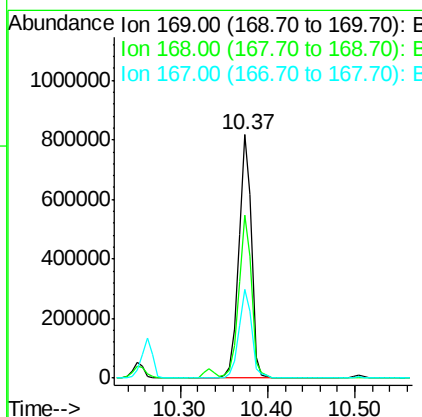
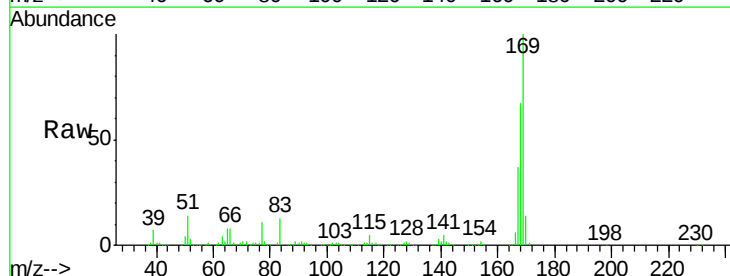
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

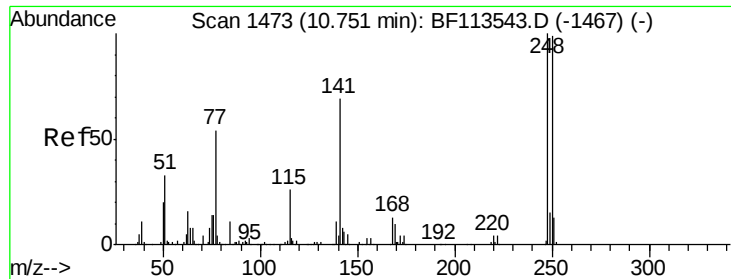
Tgt Ion:198 Resp: 139480
 Ion Ratio Lower Upper
 198 100
 51 45.3 21.6 61.6
 105 42.4 20.6 60.6



#66
 n-Nitrosodiphenylamine
 Concen: 40.380 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF113586.D
 Acq: 4 Apr 2019 16:34

Tgt Ion:169 Resp: 787819
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.7 80.5
 167 36.6 29.5 44.3

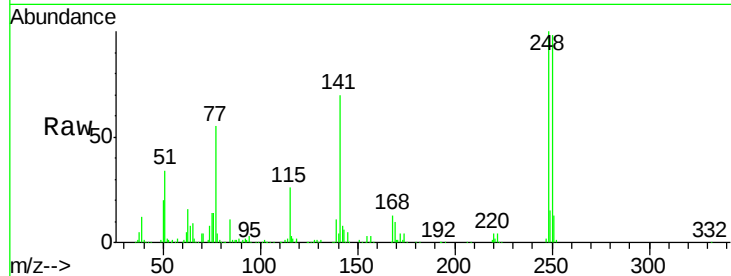




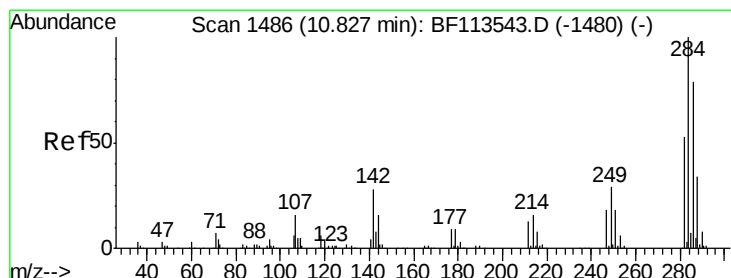
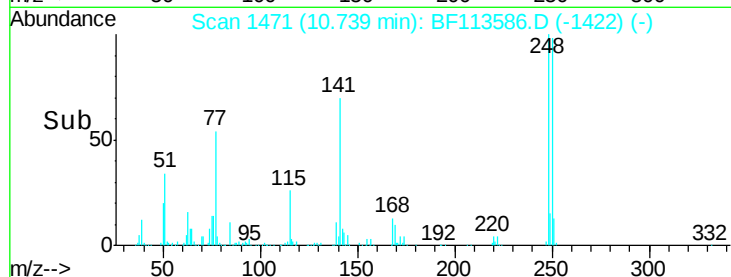
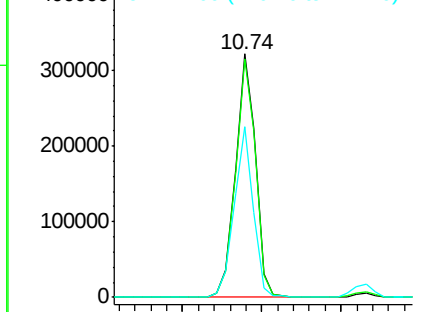
#67
4-Bromophenyl-phenylether
Concen: 39.524 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:248 Resp: 281718
Ion Ratio Lower Upper
248 100
250 98.2 78.3 117.5
141 70.0 56.2 84.4

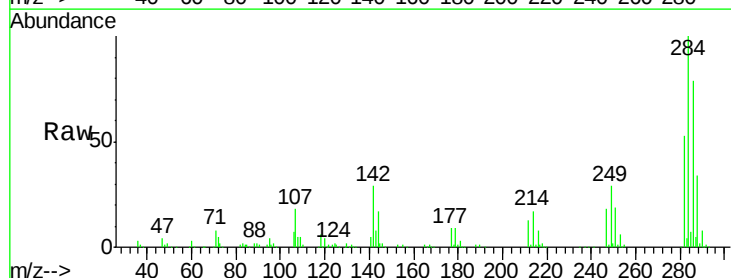


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

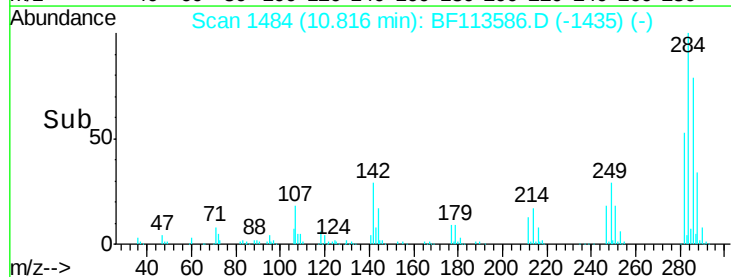
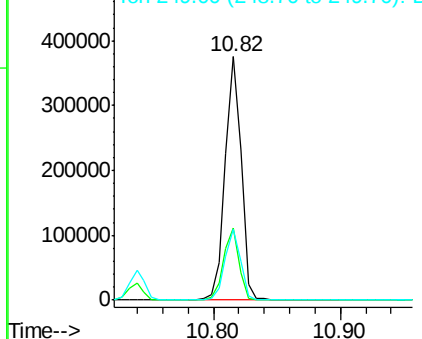


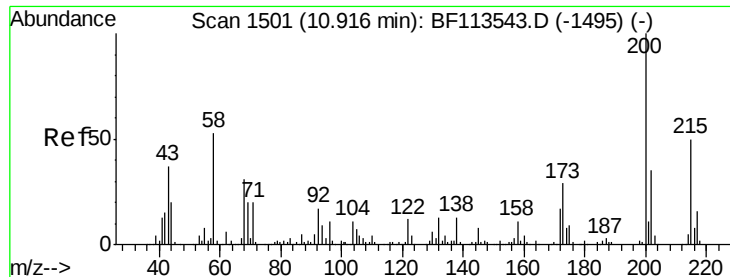
#68
Hexachlorobenzene
Concen: 40.391 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Tgt Ion:284 Resp: 329879
Ion Ratio Lower Upper
284 100
142 29.4 20.1 30.1
249 29.0 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

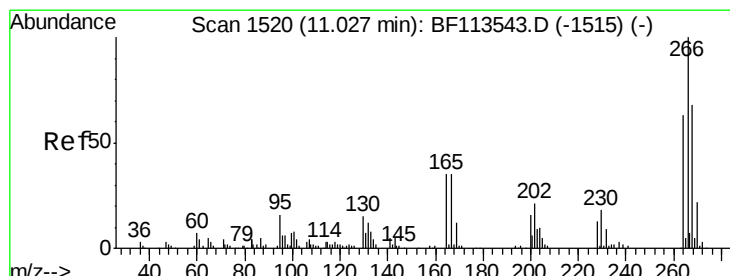
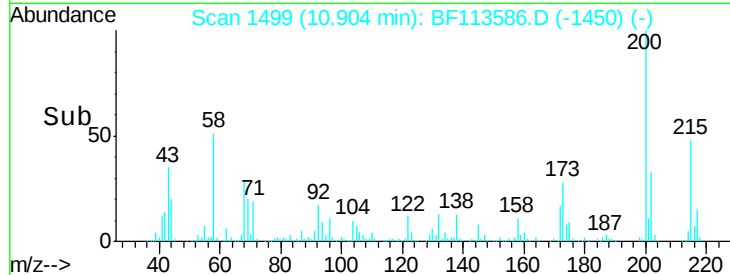
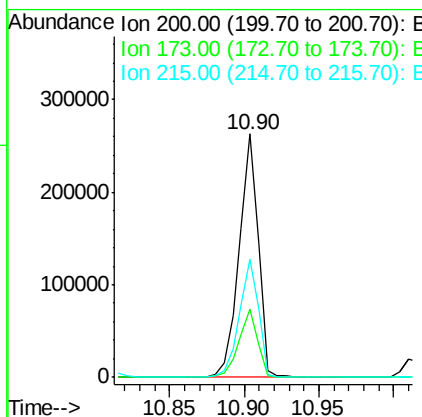
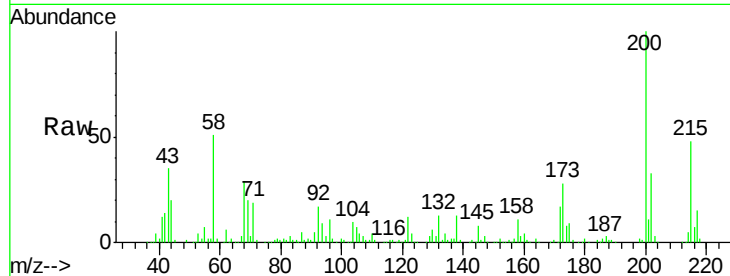




#69
 Atrazine
 Concen: 38.451 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. -0.01 min
 Lab File: BF113586.D
 Acq: 4 Apr 2019 16:34

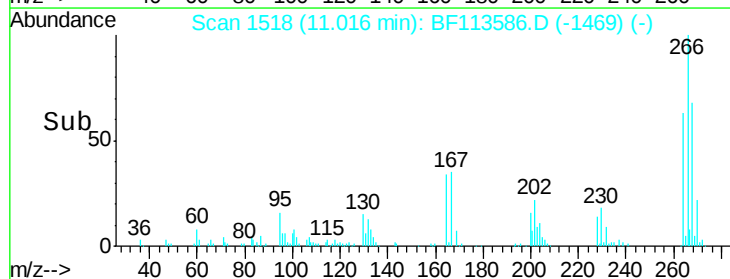
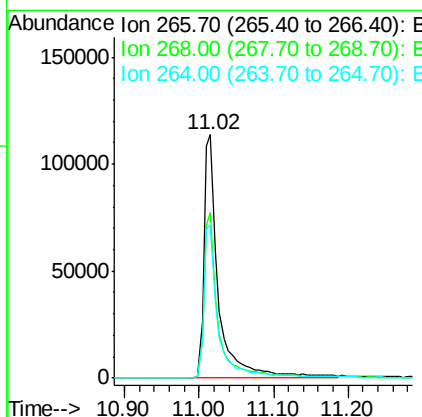
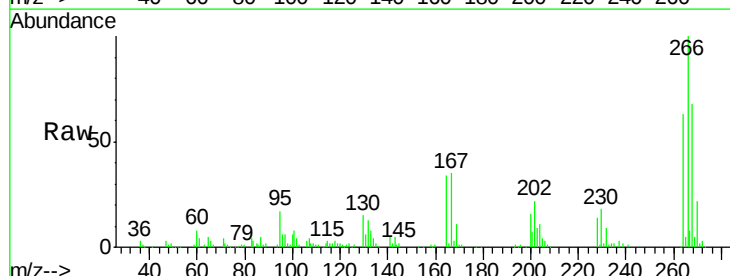
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

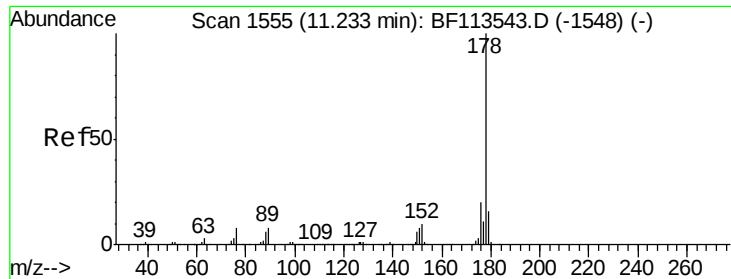
Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.0	6.0	46.0
215	48.3	31.3	71.3



#70
 Pentachlorophenol
 Concen: 41.033 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF113586.D
 Acq: 4 Apr 2019 16:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.9	53.8	80.6
264	63.0	49.2	73.8

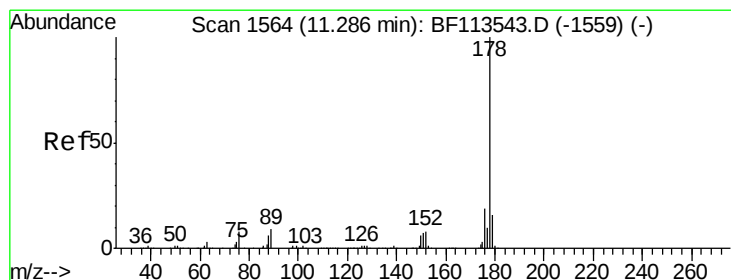
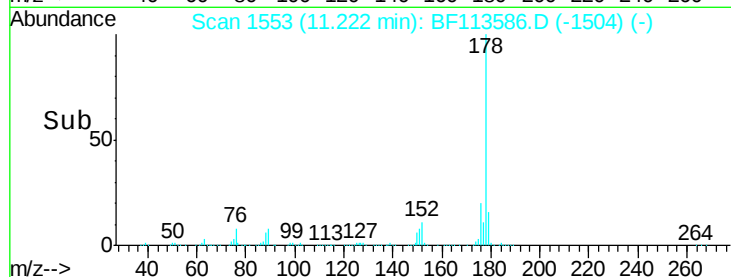
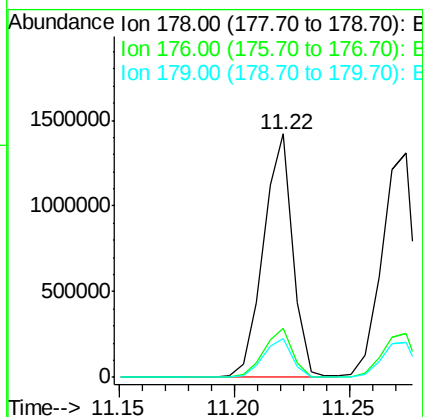
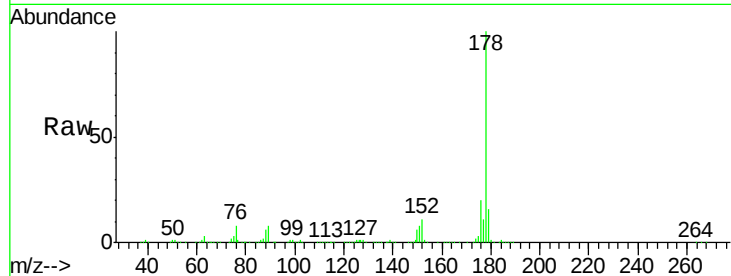




#71
Phenanthrene
Concen: 39.733 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

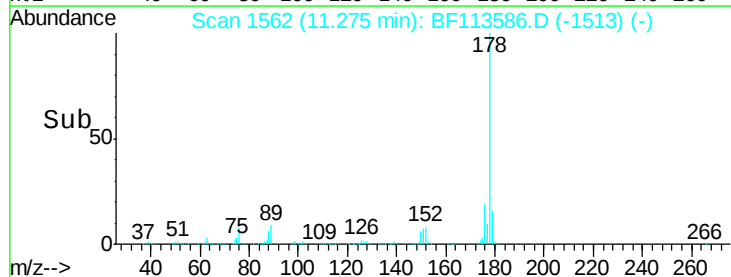
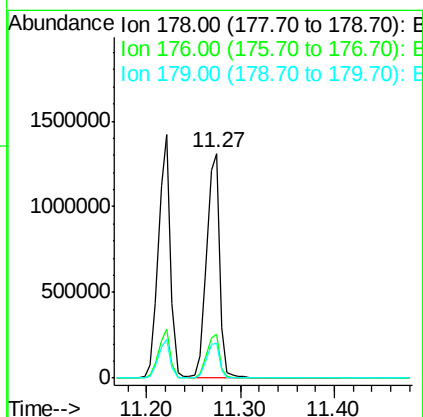
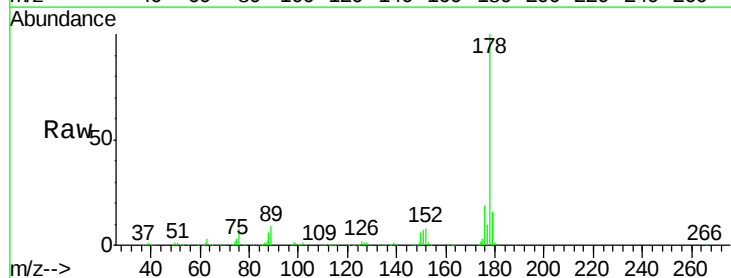
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

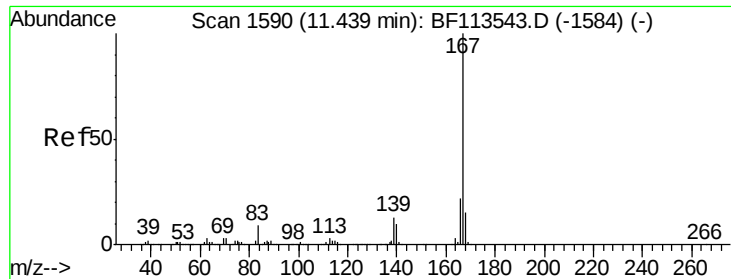
Tgt Ion:178 Resp: 1254764
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.2
179 16.0 12.7 19.1



#72
Anthracene
Concen: 40.042 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Tgt Ion:178 Resp: 1286559
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.7 12.8 19.2

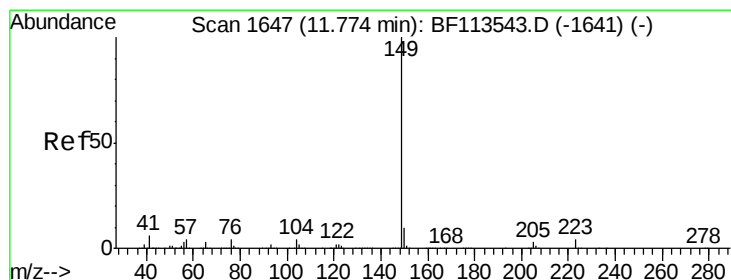
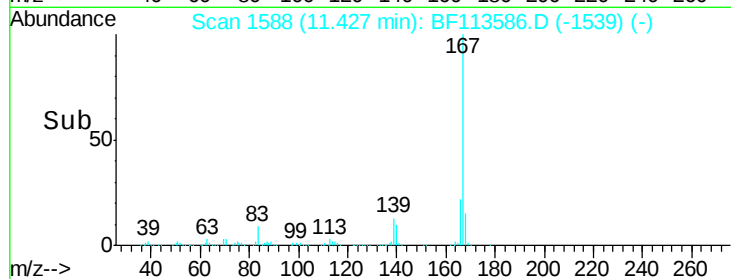
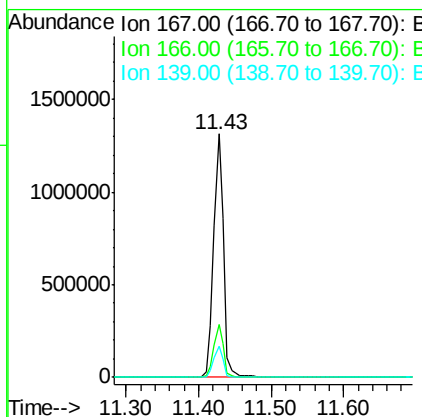
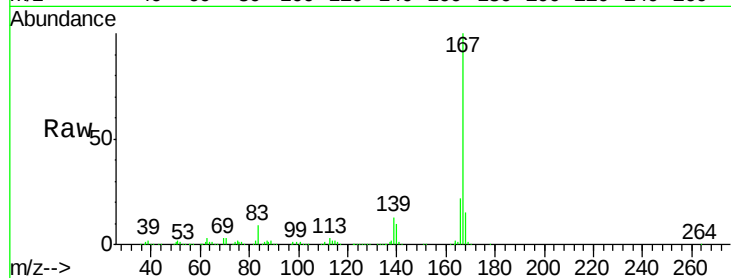




#73
 Carbazole
 Concen: 41.452 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF113586.D
 Acq: 4 Apr 2019 16:34

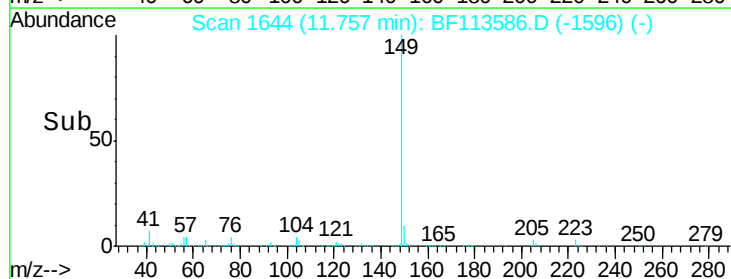
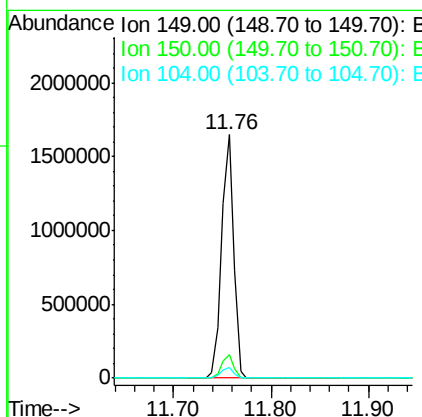
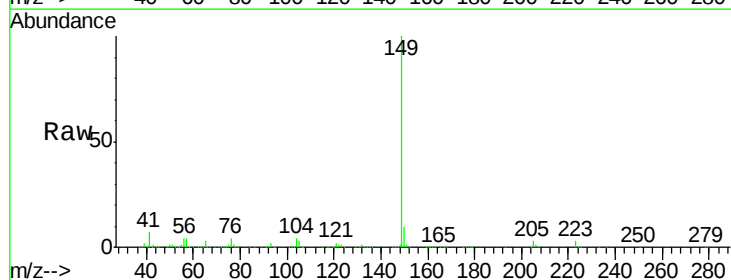
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

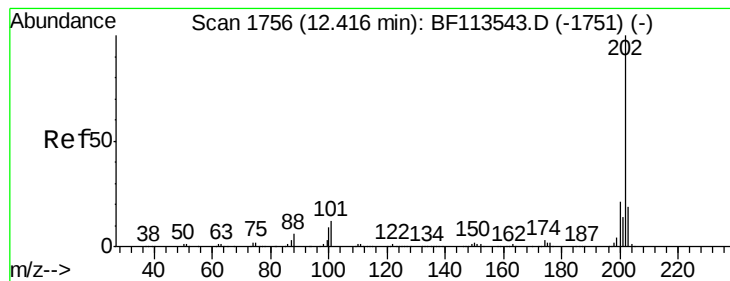
Tgt Ion:167 Resp: 1245662
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 12.8 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 39.661 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. -0.02 min
 Lab File: BF113586.D
 Acq: 4 Apr 2019 16:34

Tgt Ion:149 Resp: 1417798
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 4.4 3.7 5.5





#75

Fluoranthene

Concen: 40.947 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

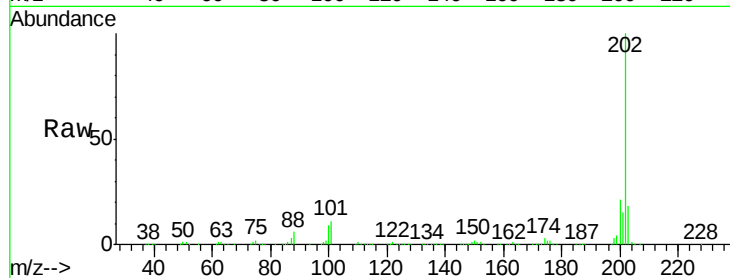
Tgt Ion:202 Resp: 1385657

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.4

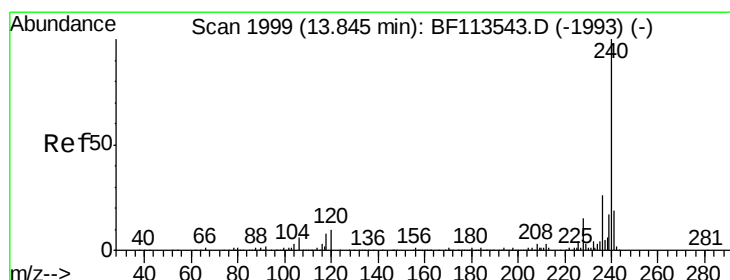
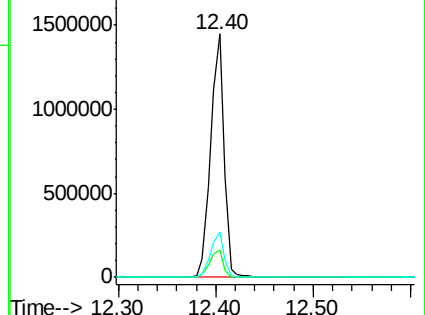
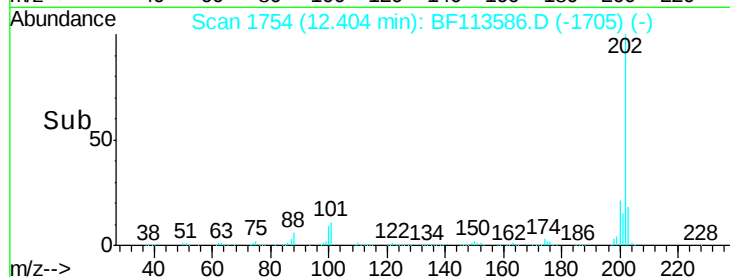
203 18.4 0.0 38.0



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: BF113586.D

Acq: 4 Apr 2019 16:34

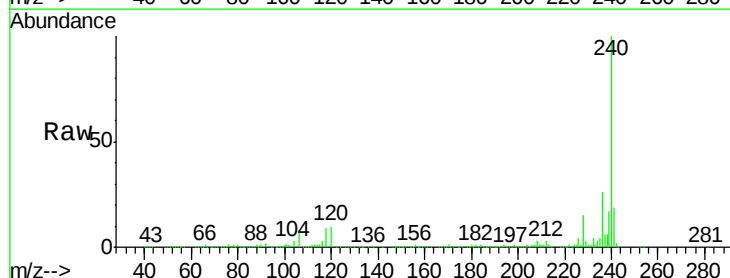
Tgt Ion:240 Resp: 485366

Ion Ratio Lower Upper

240 100

120 9.8 8.8 13.2

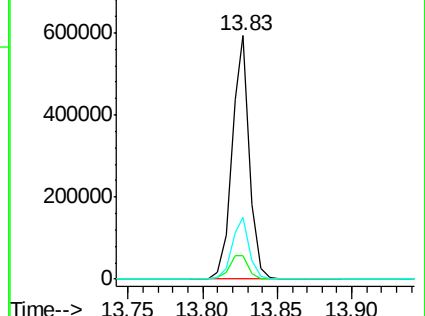
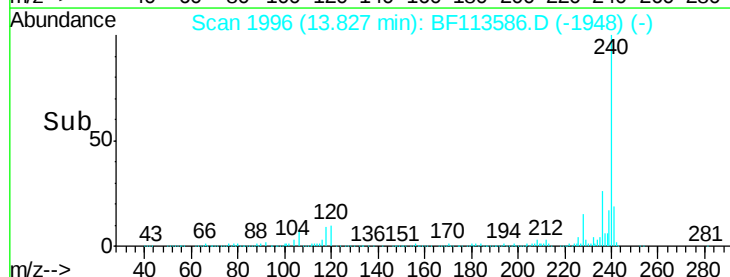
236 25.7 20.9 31.3

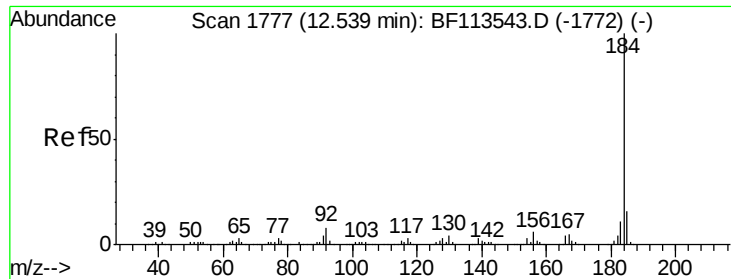


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.625 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

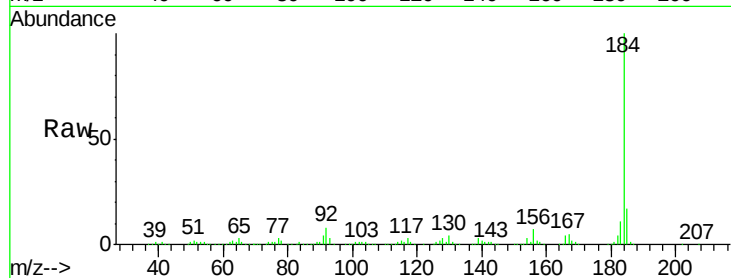
Tgt Ion:184 Resp: 787399

Ion Ratio Lower Upper

184 100

185 16.8 13.0 19.6

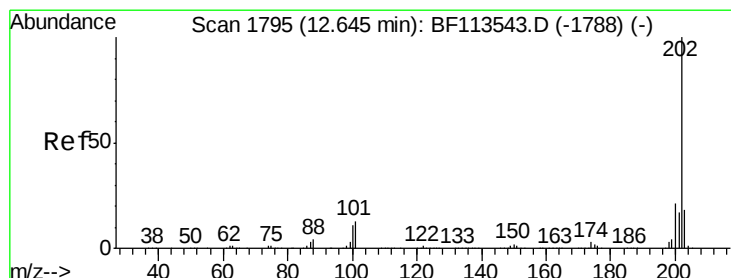
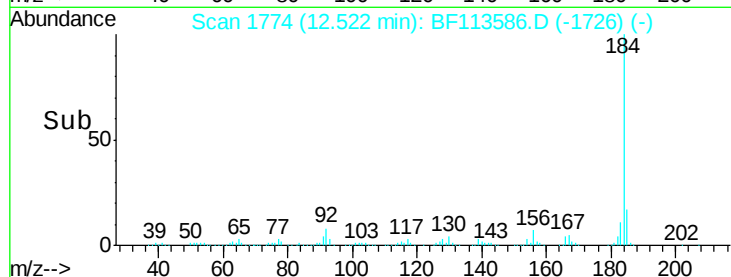
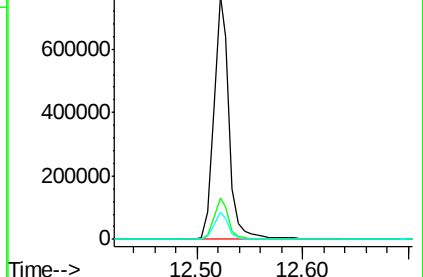
183 11.2 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.397 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

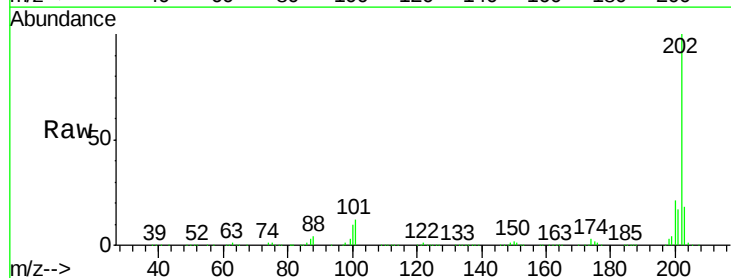
Tgt Ion:202 Resp: 1418038

Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

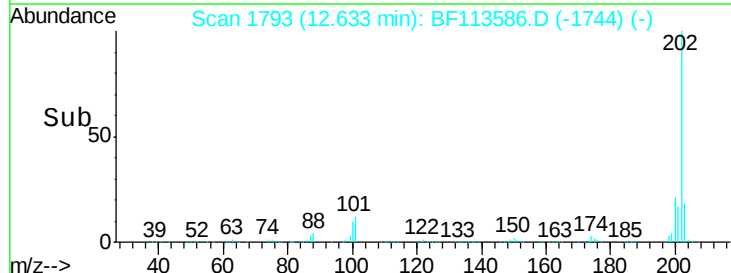
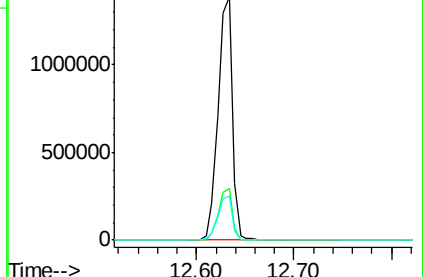
203 18.1 14.4 21.6

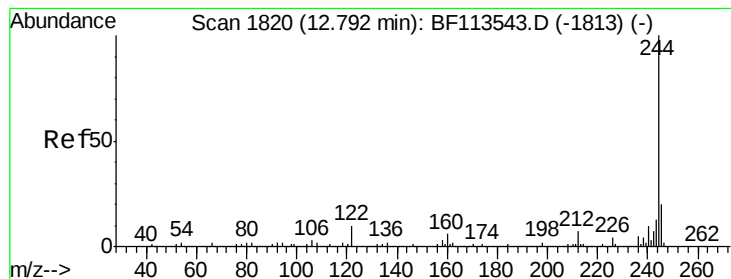


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.250 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

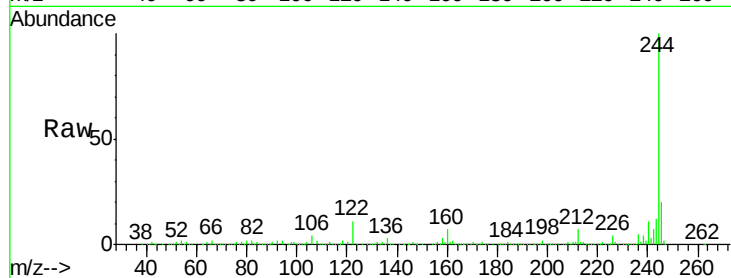
Tgt Ion:244 Resp: 1770055

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

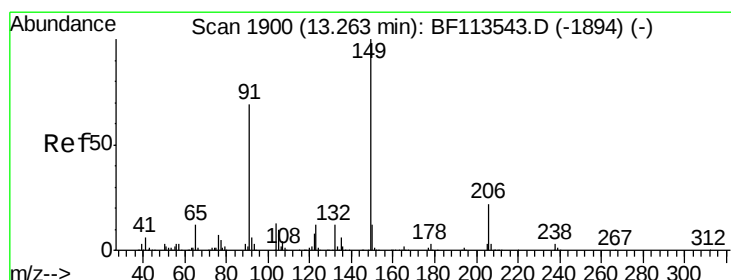
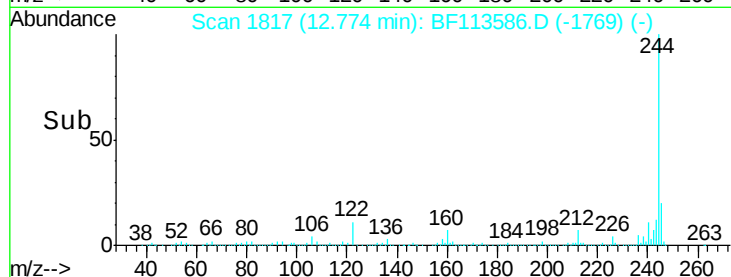
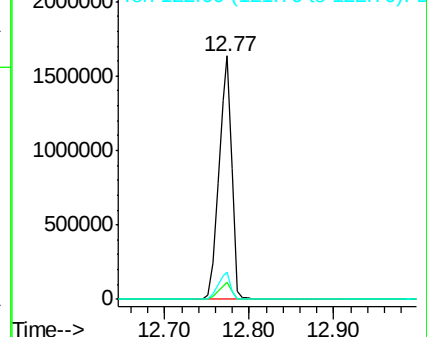
122 11.0 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.602 ng

RT: 13.24 min Scan# 1897

Delta R.T. -0.02 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

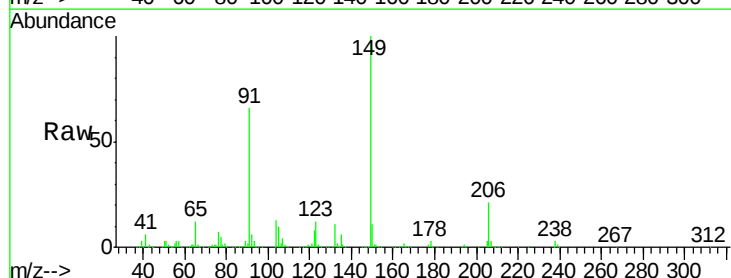
Tgt Ion:149 Resp: 595340

Ion Ratio Lower Upper

149 100

91 66.4 55.2 82.8

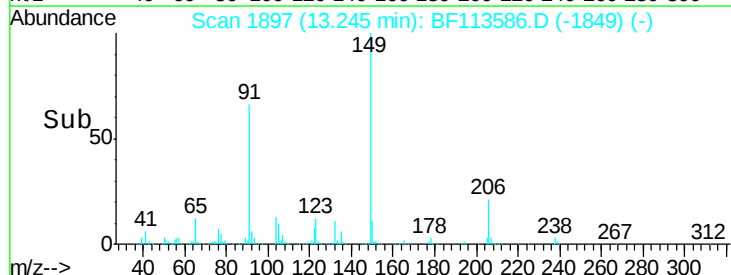
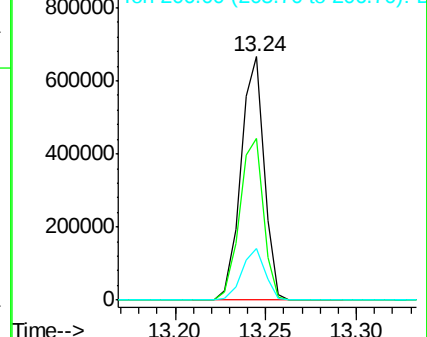
206 21.3 16.1 24.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.662 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

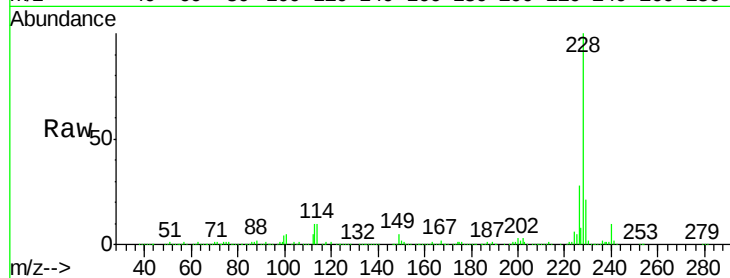
Tgt Ion:228 Resp: 1110488

Ion Ratio Lower Upper

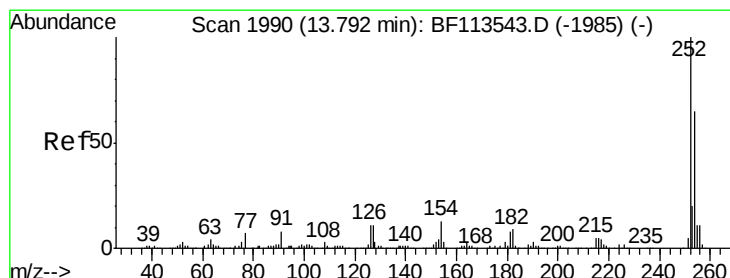
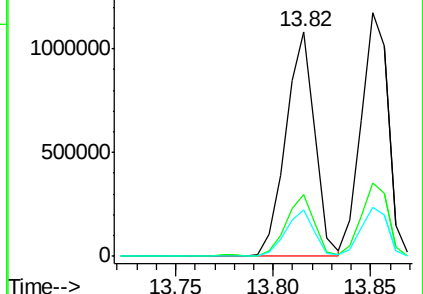
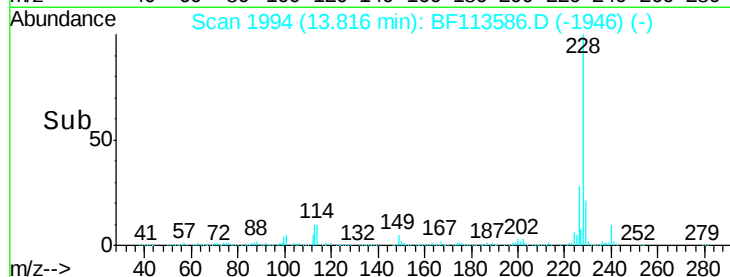
228 100

226 27.5 21.8 32.8

229 20.6 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: 42.554 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

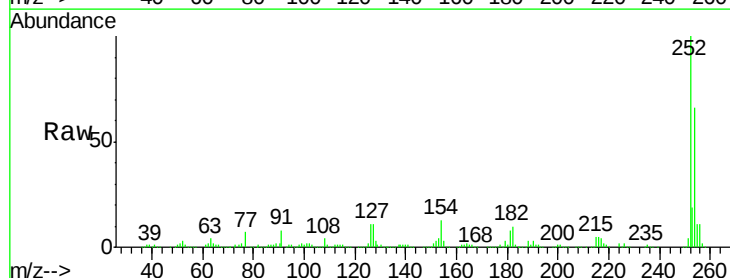
Tgt Ion:252 Resp: 458907

Ion Ratio Lower Upper

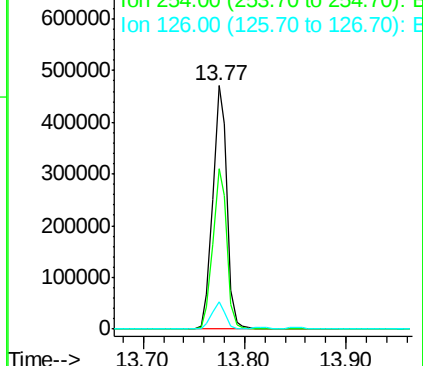
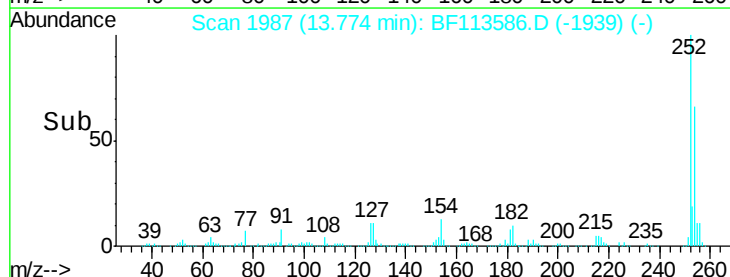
252 100

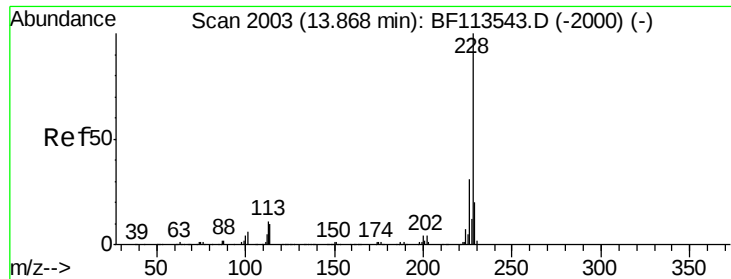
254 65.7 52.2 78.2

126 11.4 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: 39.936 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

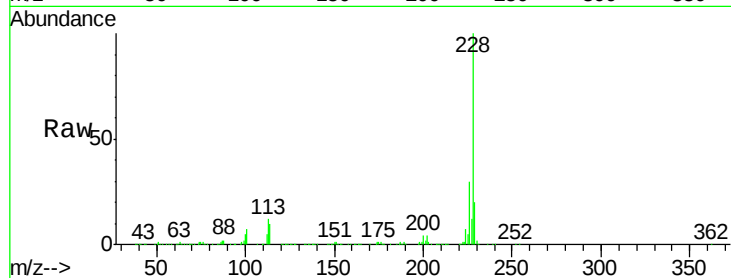
Tgt Ion:228 Resp: 1133495

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

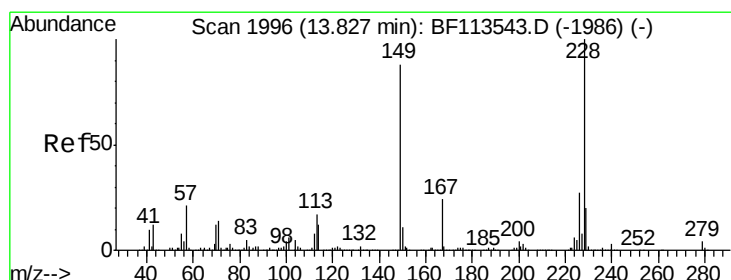
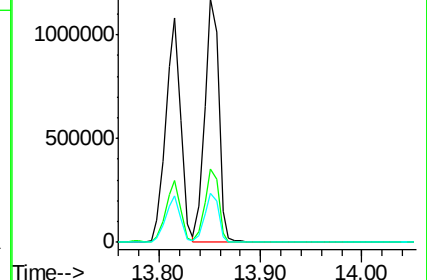
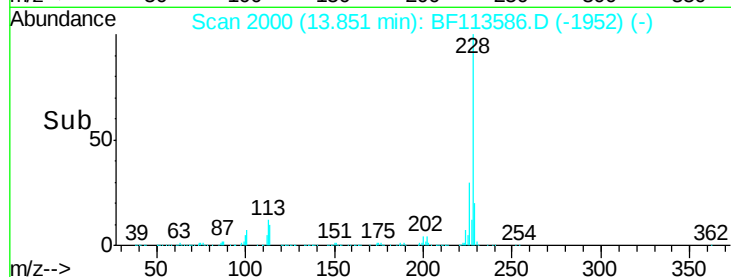
229 20.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.967 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

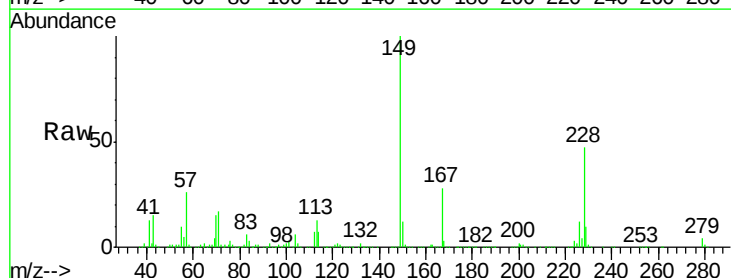
Tgt Ion:149 Resp: 726435

Ion Ratio Lower Upper

149 100

167 28.1 21.8 32.8

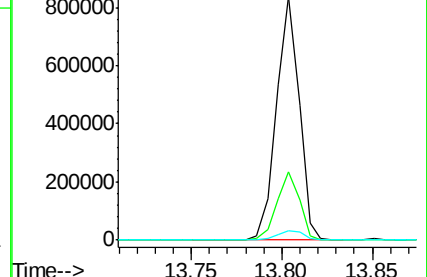
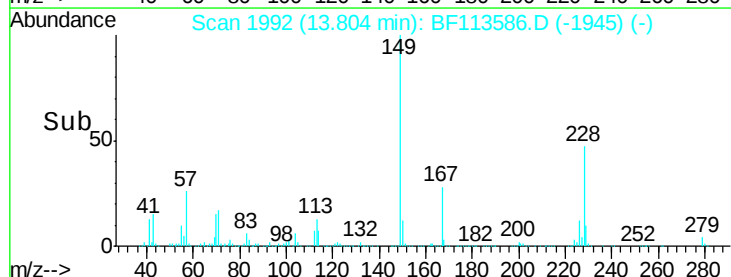
279 4.1 2.9 4.3

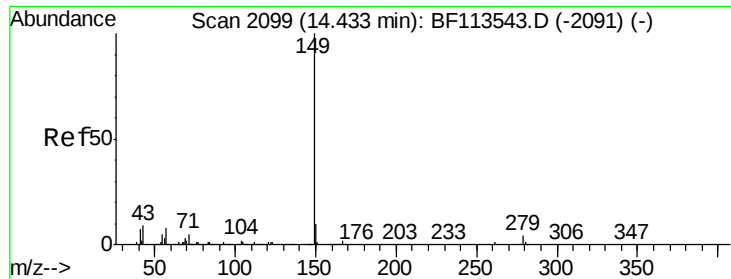


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.055 ng

RT: 14.41 min Scan# 2095

Delta R.T. -0.02 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

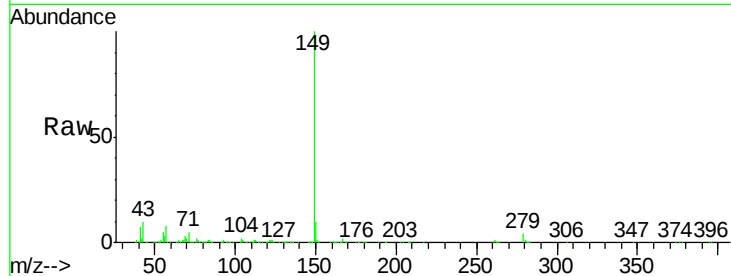
Tgt Ion:149 Resp: 1183420

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

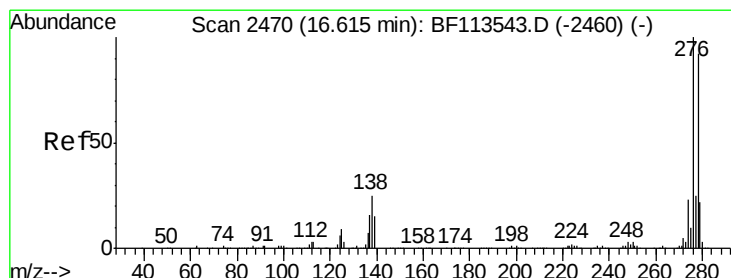
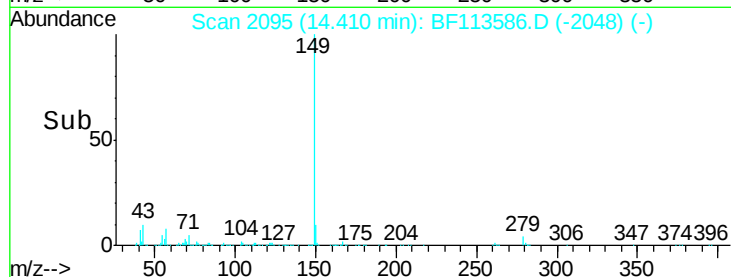
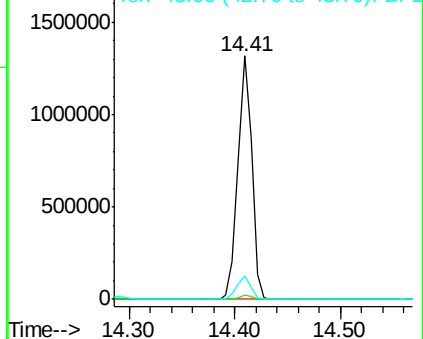
43 9.7 7.7 11.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.651 ng

RT: 16.59 min Scan# 2465

Delta R.T. -0.03 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

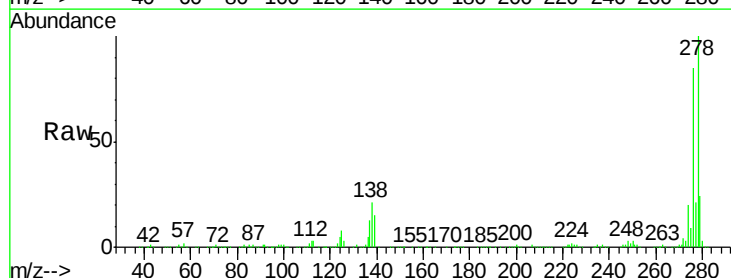
Tgt Ion:276 Resp: 1012867

Ion Ratio Lower Upper

276 100

138 23.6 18.1 27.1

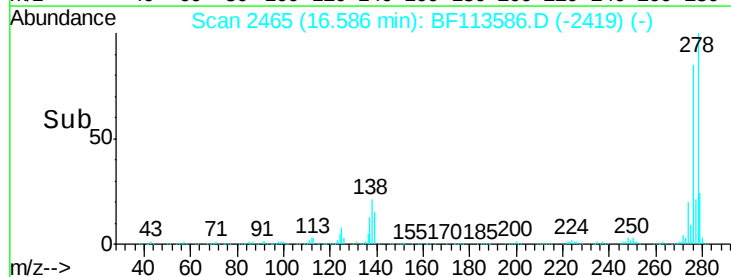
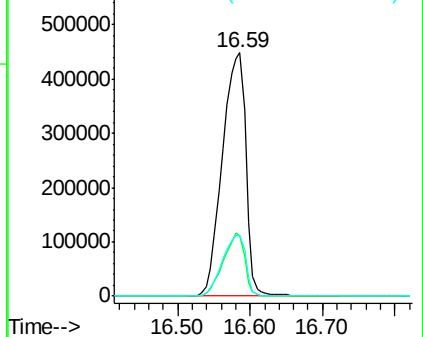
277 25.0 20.2 30.4

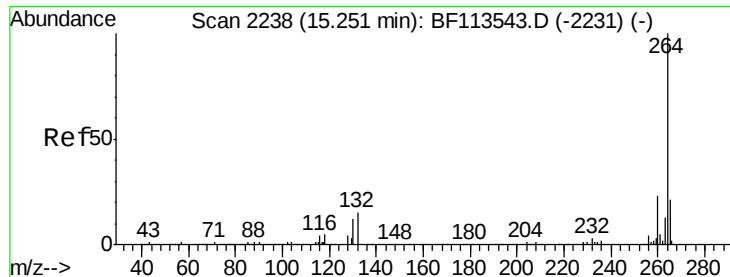


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

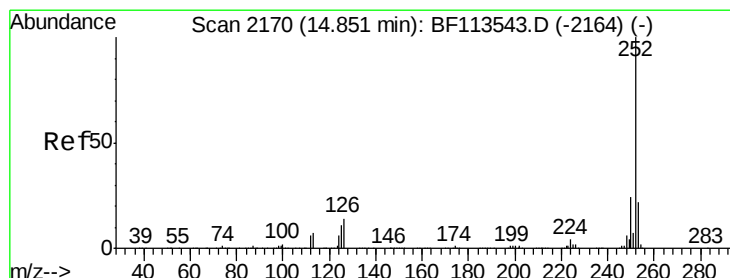
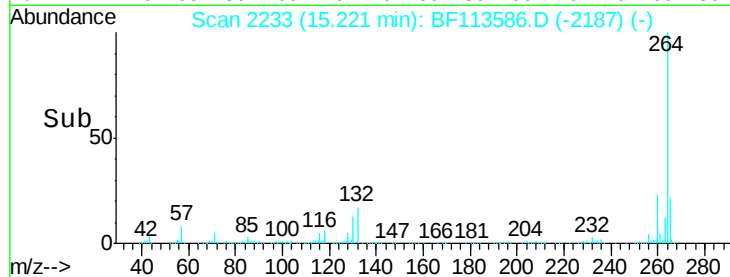
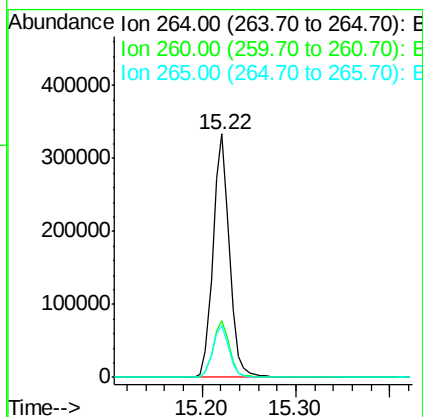
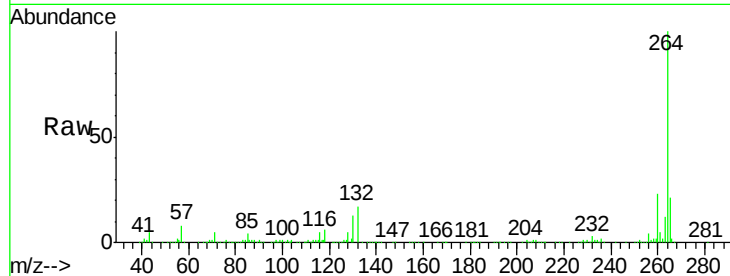




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.03 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

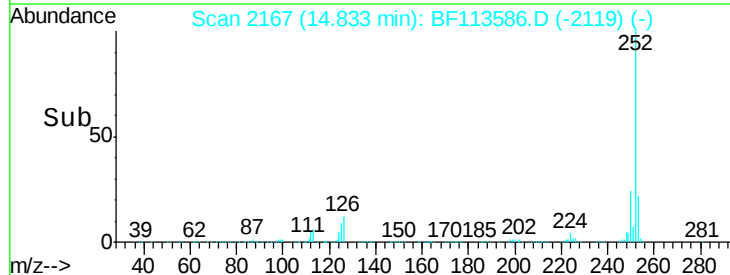
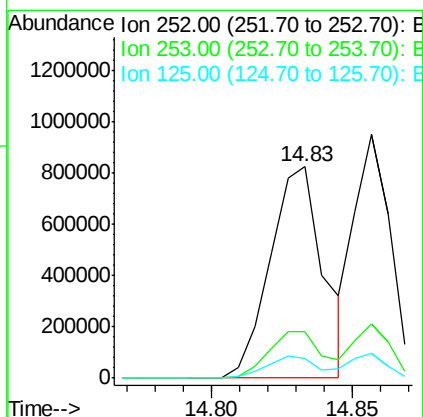
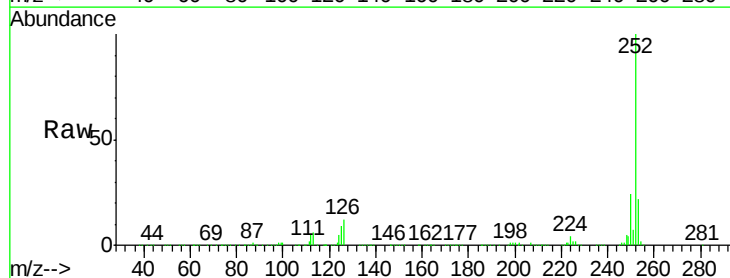
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

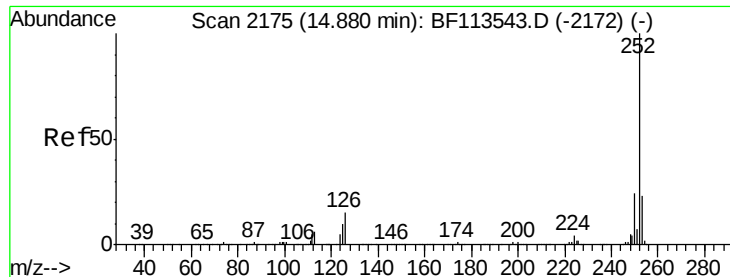
Tgt Ion:264 Resp: 411286
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.4 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 42.899 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF113586.D
Acq: 4 Apr 2019 16:34

Tgt Ion:252 Resp: 1080004
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.1 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 38.030 ng

RT: 14.86 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

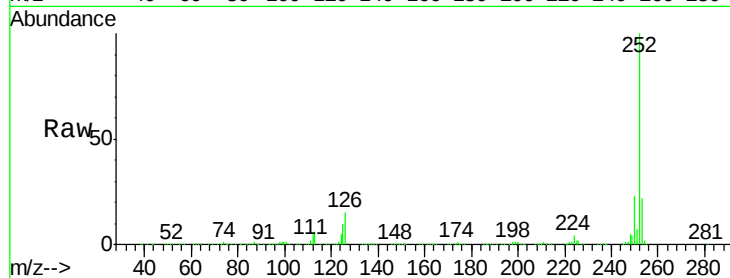
Tgt Ion:252 Resp: 859274

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

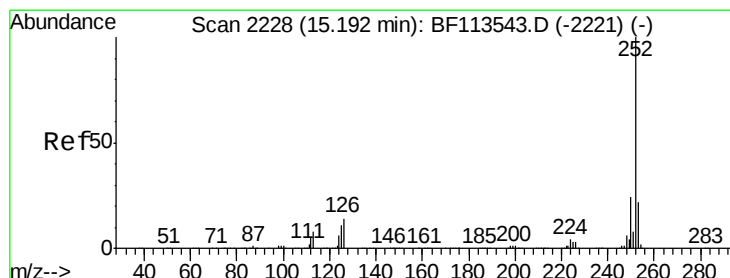
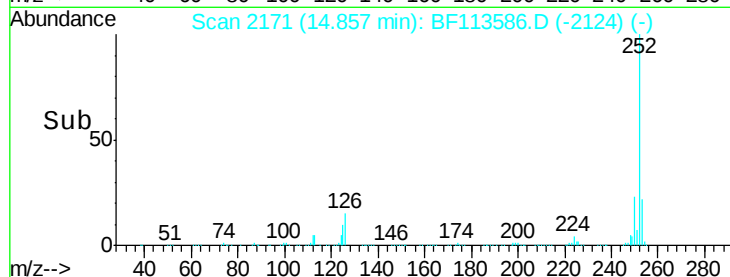
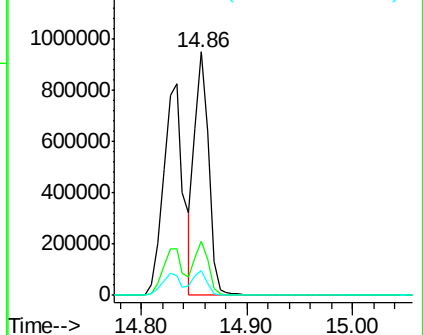
125 10.1 7.3 10.9



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: 40.625 ng

RT: 15.17 min Scan# 2224

Delta R.T. -0.02 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

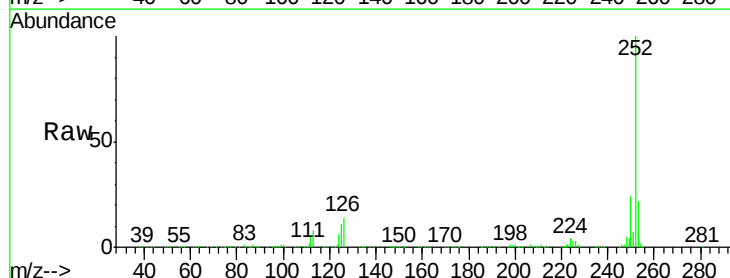
Tgt Ion:252 Resp: 908826

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

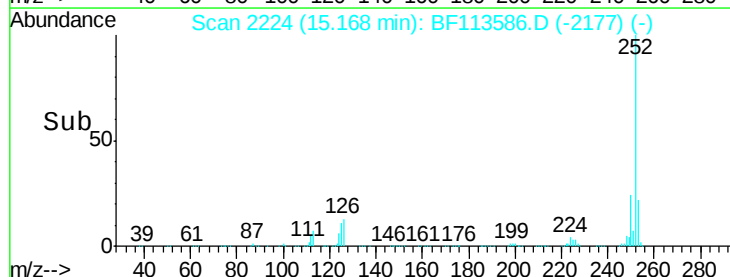
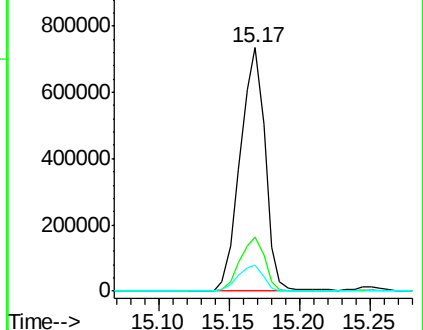
125 10.8 8.8 13.2

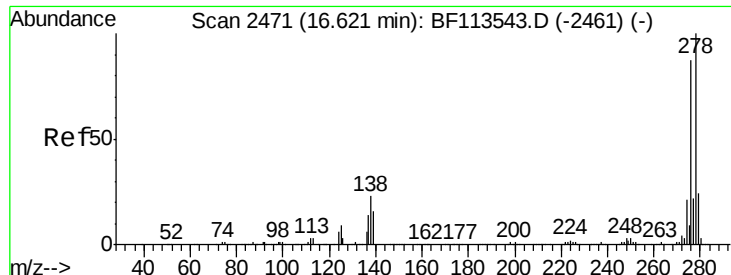


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.405 ng

RT: 16.59 min Scan# 2465

Delta R.T. -0.04 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

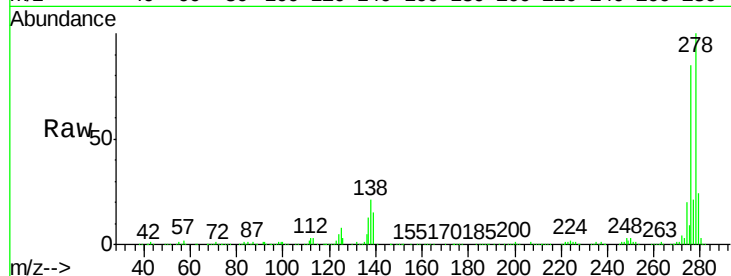
Tgt Ion: 278 Resp: 824368

Ion Ratio Lower Upper

278 100

139 15.3 12.0 18.0

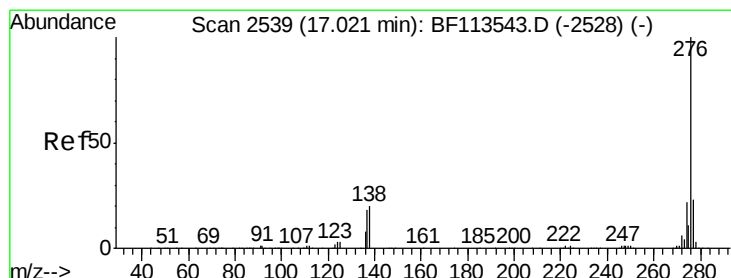
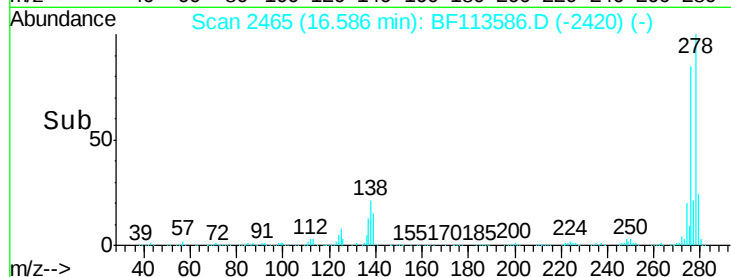
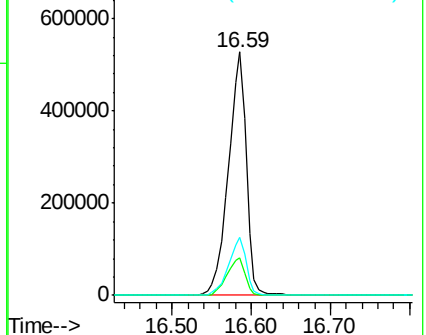
279 24.1 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.729 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.04 min

Lab File: BF113586.D

Acq: 4 Apr 2019 16:34

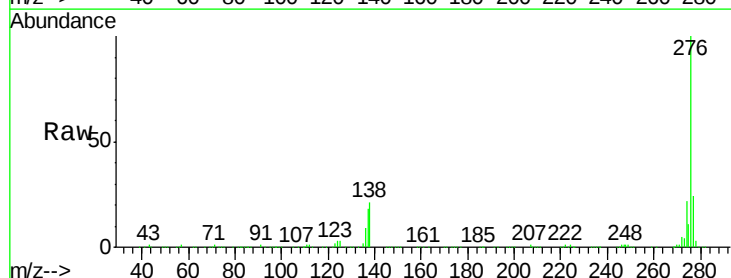
Tgt Ion: 276 Resp: 848341

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 21.2 15.6 23.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

