

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040519\
 Data File : BF113619.D
 Acq On : 5 Apr 2019 16:55
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Apr 05 18:49:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	148848	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	584370	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	288771	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	571320	20.00	ng	0.00
76) Chrysene-d12	13.83	240	411333	20.00	ng	-0.01
87) Perylene-d12	15.23	264	327684	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	708493	81.17	ng	0.00
7) Phenol-d6	6.35	99	862235	80.15	ng	0.00
23) Nitrobenzene-d5	7.26	82	810672	81.26	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	274574	79.15	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1437361	80.13	ng	0.00
79) Terphenyl-d14	12.77	244	1564927	77.46	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	152225	36.821	ng	99
3) Pyridine	3.04	79	405612	37.490	ng	97
4) n-Nitrosodimethylamine	2.99	42	187425	40.772	ng	96
6) Aniline	6.35	93	533891	40.941	ng	# 84
8) 2-Chlorophenol	6.47	128	408556	40.454	ng	99
9) Benzaldehyde	6.23	77	262773	41.078	ng	99
10) Phenol	6.36	94	501821	40.841	ng	86
11) bis(2-Chloroethyl)ether	6.43	93	380735	39.834	ng	99
12) 1,3-Dichlorobenzene	6.63	146	435860	40.076	ng	97
13) 1,4-Dichlorobenzene	6.70	146	439040	39.947	ng	99
14) 1,2-Dichlorobenzene	6.86	146	398543	40.174	ng	98
15) Benzyl Alcohol	6.84	79	308984	42.476	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	574168	38.593	ng	81
17) 2-Methylphenol	6.96	107	311280	39.772	ng	# 93
18) Hexachloroethane	7.19	117	155906	38.972	ng	99
19) n-Nitroso-di-n-propylamine	7.11	70	267839	40.373	ng	98
20) 3+4-Methylphenols	7.12	107	401759	42.366	ng	95
22) Acetophenone	7.10	105	524823	40.891	ng	# 97
24) Nitrobenzene	7.27	77	416631	40.552	ng	96
25) Isophorone	7.52	82	763870	39.747	ng	99
26) 2-Nitrophenol	7.59	139	231155	41.804	ng	92
27) 2,4-Dimethylphenol	7.64	122	314151	39.740	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	484001	39.835	ng	99
29) 2,4-Dichlorophenol	7.84	162	349779	41.355	ng	100
30) 1,2,4-Trichlorobenzene	7.92	180	367849	40.049	ng	98
31) Naphthalene	7.99	128	1136866	40.152	ng	100
32) Benzoic acid	7.80	122	247050	40.359	ng	99
33) 4-Chloroaniline	8.05	127	478637	42.633	ng	100
34) Hexachlorobutadiene	8.11	225	222442	39.723	ng	98
35) Caprolactam	8.44	113	117787	43.871	ng	95
36) 4-Chloro-3-methylphenol	8.55	107	354274	41.726	ng	100
37) 2-Methylnaphthalene	8.68	142	745195	40.017	ng	99
38) 1-Methylnaphthalene	8.78	142	713549	39.738	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	366807	39.276	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	87222	35.599	nq	100
43) 2,4,6-Trichlorophenol	8.97	196	237143	40.227	nq	99
44) 2,4,5-Trichlorophenol	9.02	196	255812	40.420	nq	99
46) 1,1'-Biphenyl	9.15	154	931299	39.083	nq	100
47) 2-Chloronaphthalene	9.17	162	714204	39.586	nq	100
48) 2-Nitroaniline	9.27	65	230610	41.772	nq	93
49) Acenaphthylene	9.58	152	1151078	39.235	nq	100
50) Dimethylphthalate	9.45	163	836717	39.308	nq	99
51) 2,6-Dinitrotoluene	9.52	165	190397	40.578	nq	98
52) Acenaphthene	9.75	154	664255	39.553	nq	99
53) 3-Nitroaniline	9.69	138	221329	41.489	nq	94
54) 2,4-Dinitrophenol	9.80	184	87984	40.081	nq	90
55) Dibenzofuran	9.93	168	963937	39.129	nq	99
56) 4-Nitrophenol	9.87	139	123798	37.410	nq	92
57) 2,4-Dinitrotoluene	9.93	165	232556	40.981	nq	96
58) Fluorene	10.27	166	776745	39.865	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	224275	40.939	nq	97
60) Diethylphthalate	10.15	149	803105	39.132	nq	99
61) 4-Chlorophenyl-phenylether	10.26	204	380051	39.656	nq	95
62) 4-Nitroaniline	10.30	138	231620	42.697	nq	96
63) Azobenzene	10.42	77	770372	39.644	nq	97
65) 4,6-Dinitro-2-methylphenol	10.34	198	122270	40.652	nq	97
66) n-Nitrosodiphenylamine	10.38	169	696190	39.693	nq	99
67) 4-Bromophenyl-phenylether	10.74	248	252214	39.362	nq	94
68) Hexachlorobenzene	10.82	284	293542	39.981	nq	98
69) Atrazine	10.91	200	214646	38.827	nq	98
70) Pentachlorophenol	11.02	266	114768	33.174	nq	99
71) Phenanthrene	11.22	178	1127873	39.729	nq	100
72) Anthracene	11.27	178	1153374	39.931	nq	99
73) Carbazole	11.43	167	1121234	41.505	nq	100
74) Di-n-butylphthalate	11.76	149	1248642	38.855	nq	100
75) Fluoranthene	12.41	202	1244225	40.900	nq	99
77) Benzidine	12.53	184	581917	38.043	nq	99
78) Pyrene	12.63	202	1245111	39.783	nq	99
80) Butylbenzylphthalate	13.24	149	516608	40.550	nq	99
81) Benzo(a)anthracene	13.82	228	972737	40.995	nq	100
82) 3,3'-Dichlorobenzidine	13.78	252	380074	41.587	nq	99
83) Chrysene	13.86	228	958285	39.840	nq	100
84) Bis(2-ethylhexyl)phthalate	13.80	149	638662	41.462	nq	99
85) Di-n-octyl phthalate	14.41	149	976652	39.007	nq	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	817857	36.827	nq	99
88) Benzo(b)fluoranthene	14.84	252	836472	41.702	nq	99
89) Benzo(k)fluoranthene	14.86	252	726583	40.362	nq	99
90) Benzo(a)pyrene	15.17	252	725977	40.731	nq	99
91) Dibenzo(a,h)anthracene	16.60	278	678879	40.730	nq	100
92) Benzo(g,h,i)perylene	17.00	276	691444	40.643	nq	99

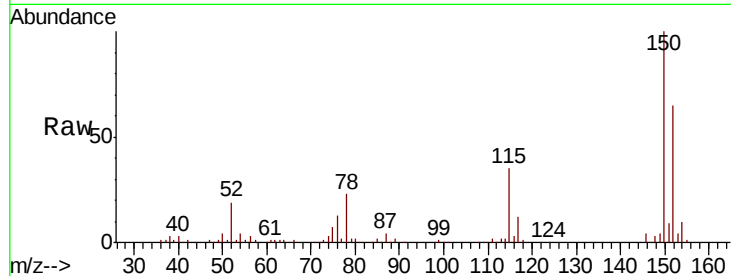
(#) = qualifier out of range (m) = manual integration (+) = signals summed



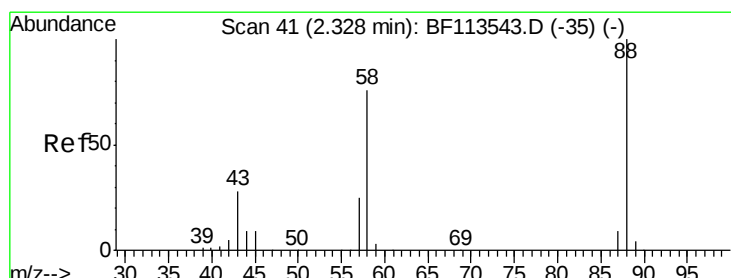
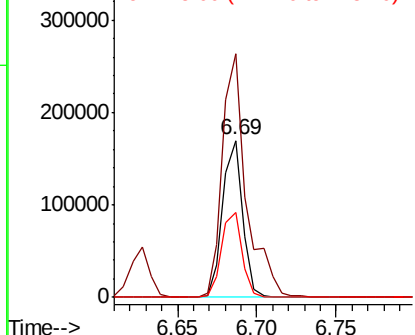
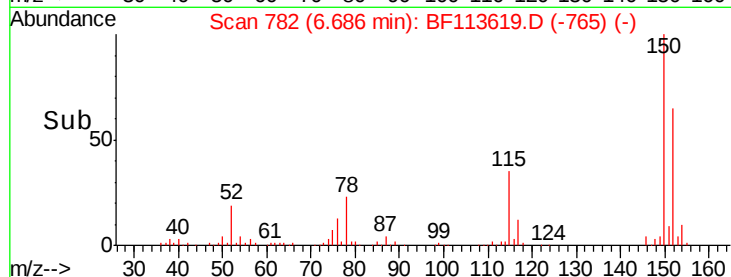
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF113619.D
 Acq: 5 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:152 Resp: 148848
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.7 187.1
 115 53.8 46.0 69.0

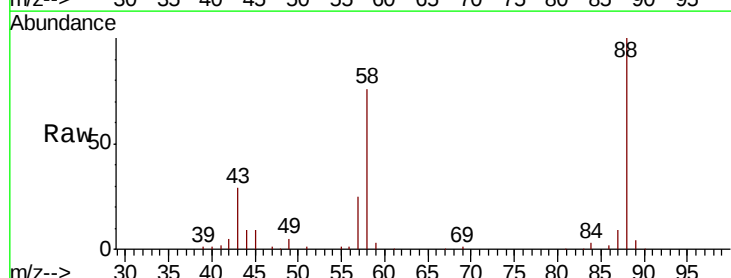


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

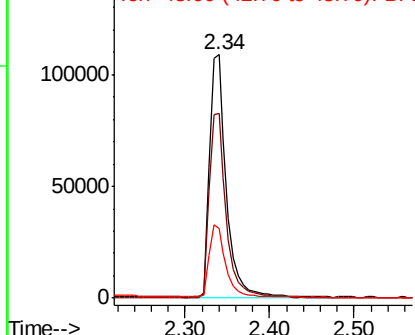
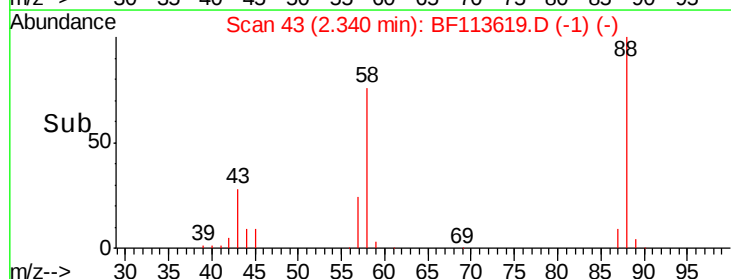


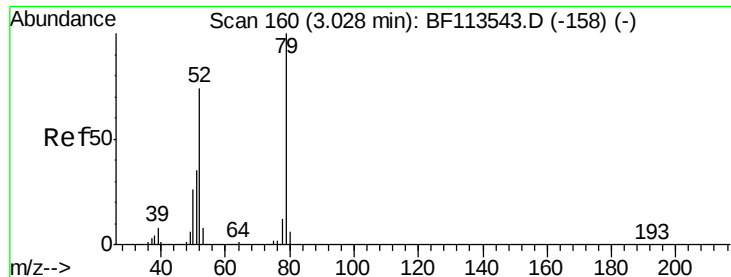
#2
 1,4-Dioxane
 Concen: 36.821 ng
 RT: 2.34 min Scan# 43
 Delta R.T. 0.01 min
 Lab File: BF113619.D
 Acq: 5 Apr 2019 16:55

Tgt Ion: 88 Resp: 152225
 Ion Ratio Lower Upper
 88 100
 58 76.9 61.9 92.9
 43 29.3 24.2 36.4



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





#3

Pvridine

Concen: 37.490 ng

RT: 3.04 min Scan# 162

Delta R.T. 0.01 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

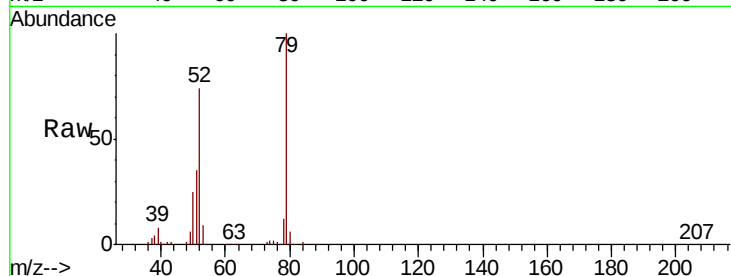
Tot Ion: 79 Resp: 405612

Ion Ratio Lower Upper

79 100

52 74.3 61.0 91.4

51 35.0 30.6 45.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

200000

150000

100000

50000

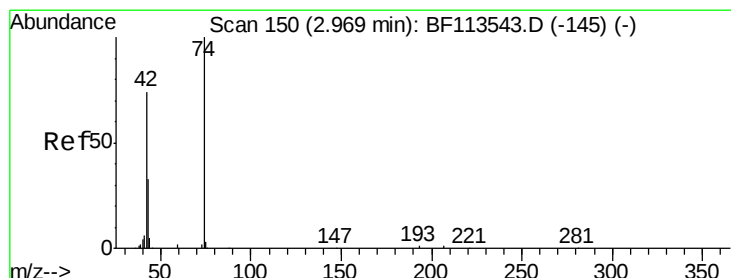
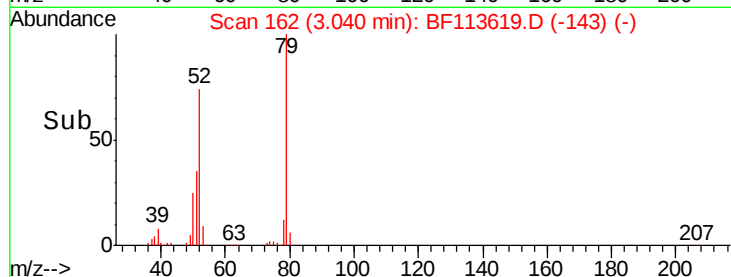
0

3.04

3.00

3.20

Time-->



#4

n-Nitrosodimethylamine

Concen: 40.772 ng

RT: 2.99 min Scan# 153

Delta R.T. 0.02 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

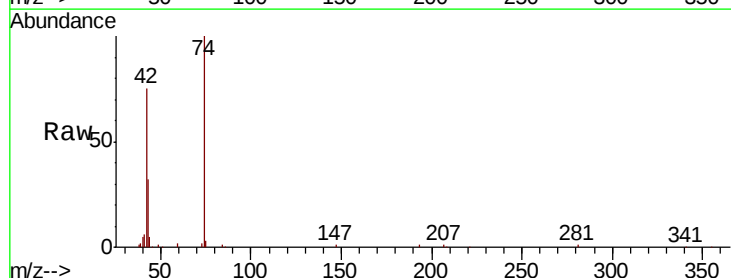
Tgt Ion: 42 Resp: 187425

Ion Ratio Lower Upper

42 100

74 133.3 102.4 153.6

44 6.7 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

150000

100000

50000

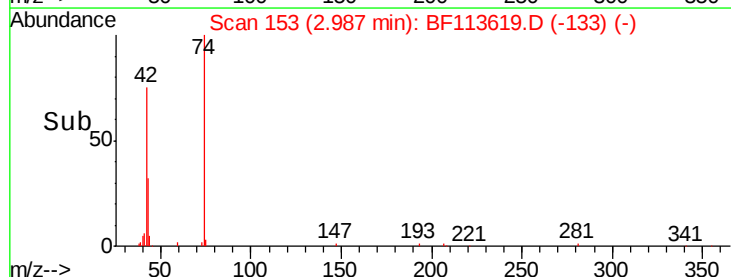
0

2.99

2.90

3.10

Time-->





#5

2-Fluorophenol

Concen: 81.166 ng

RT: 5.30 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

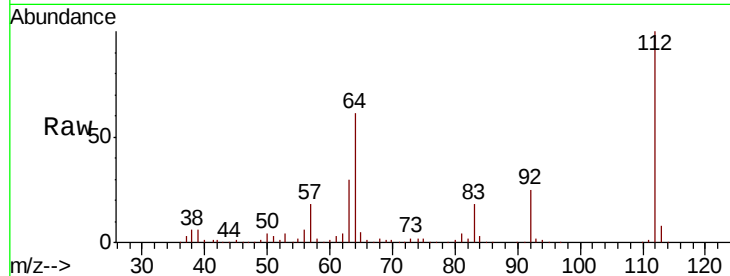
Tot Ion:112 Resp: 708493

Ion Ratio Lower Upper

112 100

64 60.9 49.2 73.8

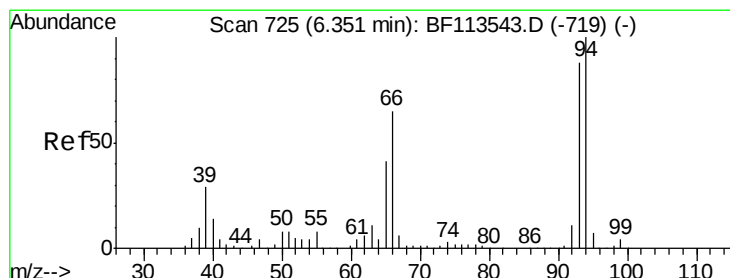
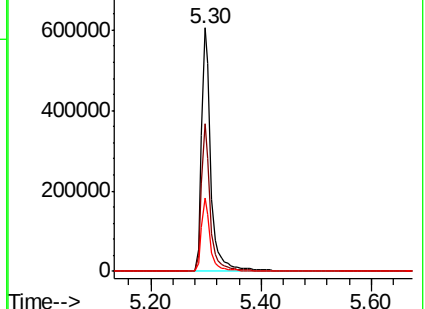
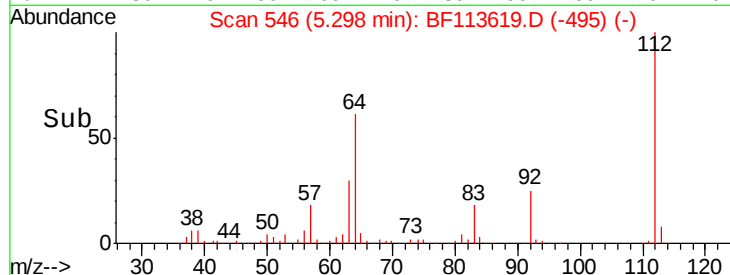
63 30.2 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.941 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

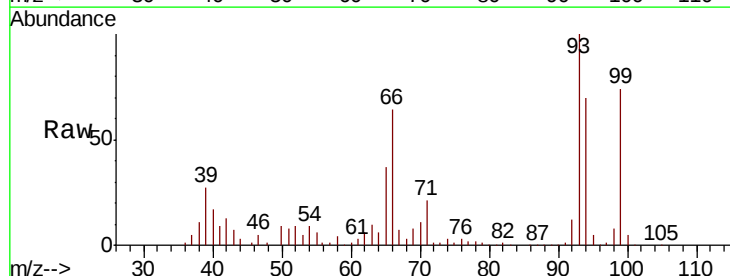
Tgt Ion: 93 Resp: 533891

Ion Ratio Lower Upper

93 100

66 64.2 62.1 93.1

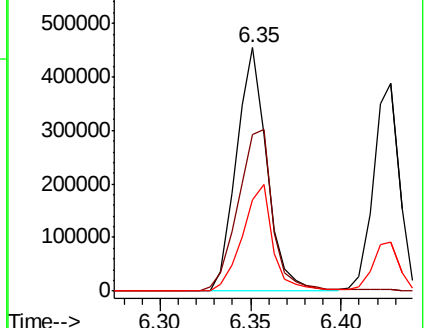
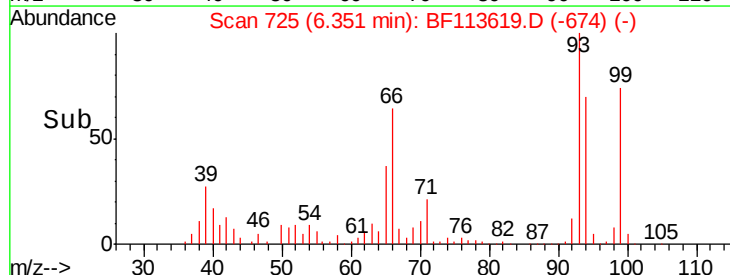
65 37.5 38.7 58.1#

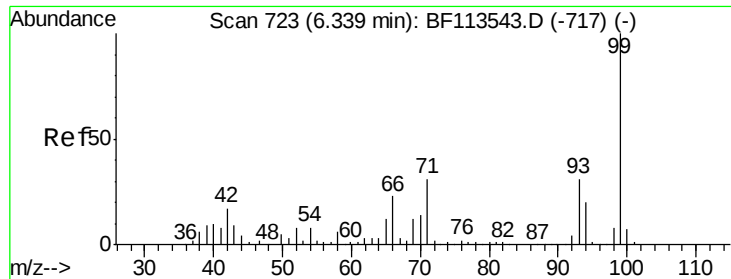


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.145 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

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ClientSampleId :

SSTDCCC040EC

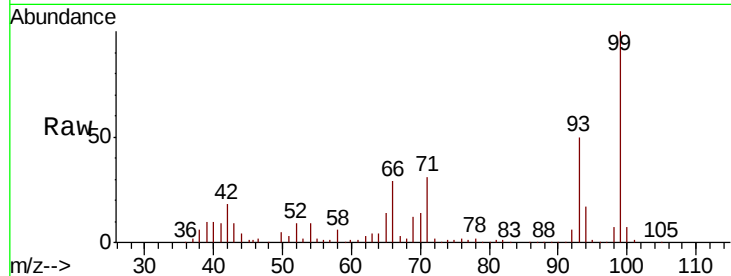
Tot Ion: 99 Resp: 862235

Ion Ratio Lower Upper

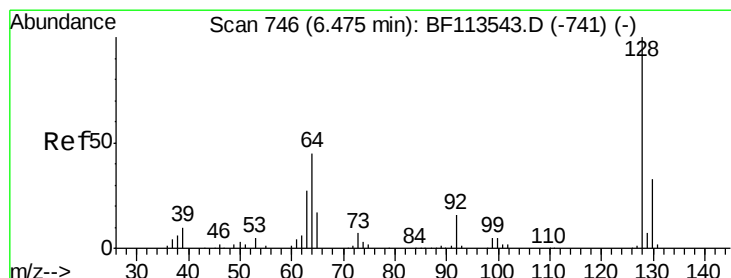
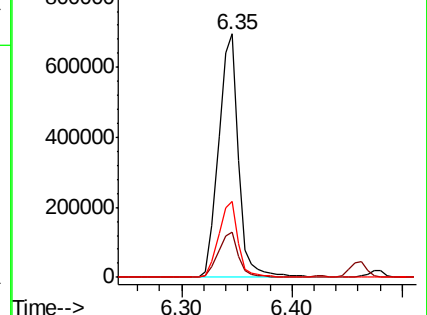
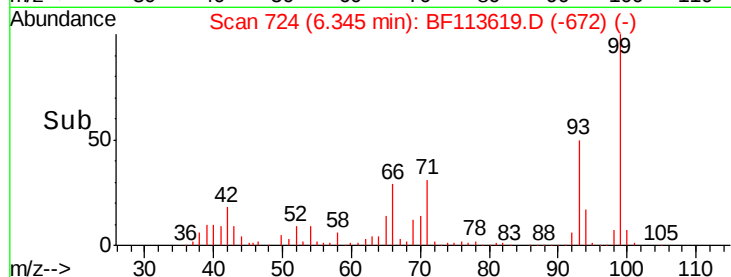
99 100

42 18.5 14.8 22.2

71 31.3 24.9 37.3



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



#8

2-Chlorophenol

Concen: 40.454 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

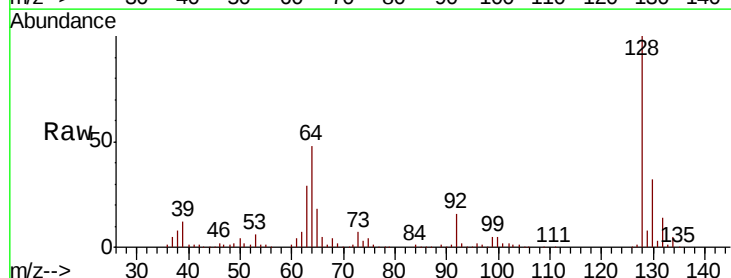
Tgt Ion:128 Resp: 408556

Ion Ratio Lower Upper

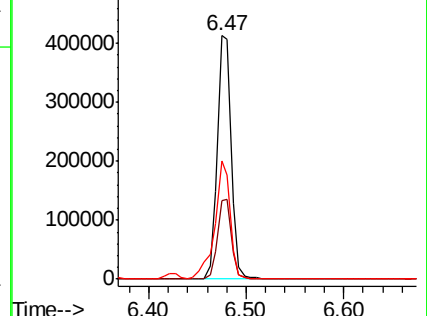
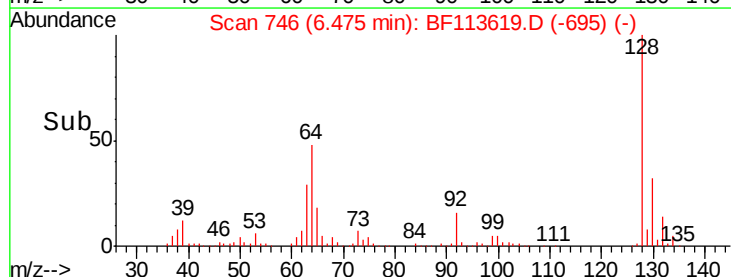
128 100

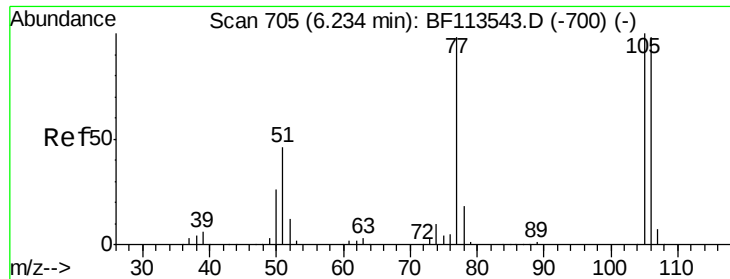
130 32.4 12.6 52.6

64 48.5 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: 41.078 ng

RT: 6.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

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SSTDCCC040EC

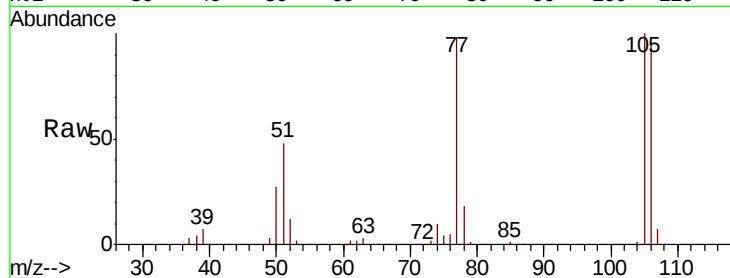
Tot Ion: 77 Resp: 262773

Ion Ratio Lower Upper

77 100

105 101.9 80.9 120.9

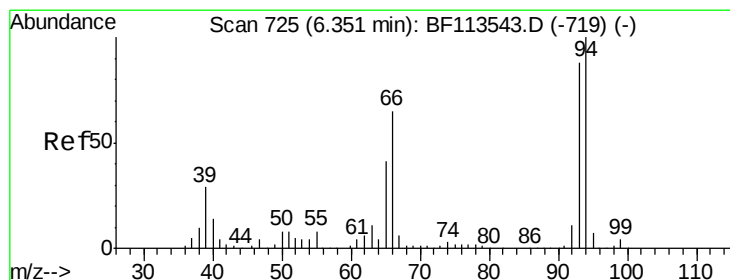
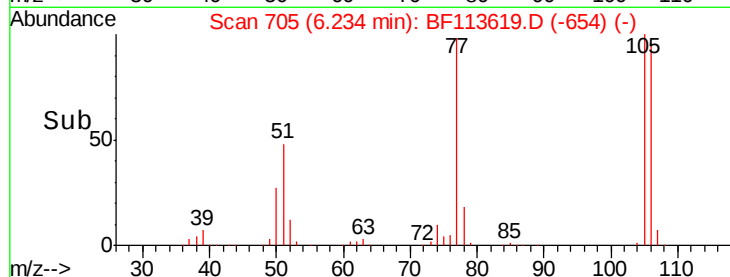
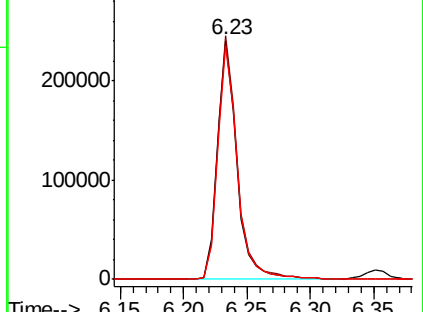
106 97.9 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.841 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

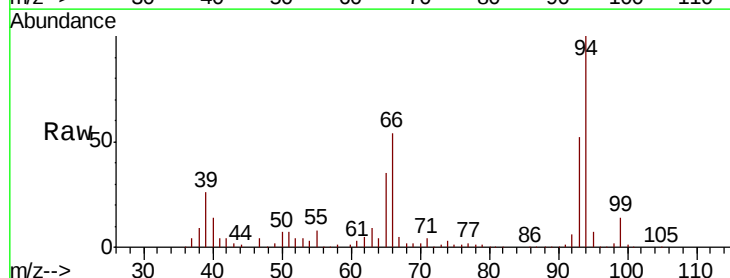
Tgt Ion: 94 Resp: 501821

Ion Ratio Lower Upper

94 100

65 35.3 21.4 61.4

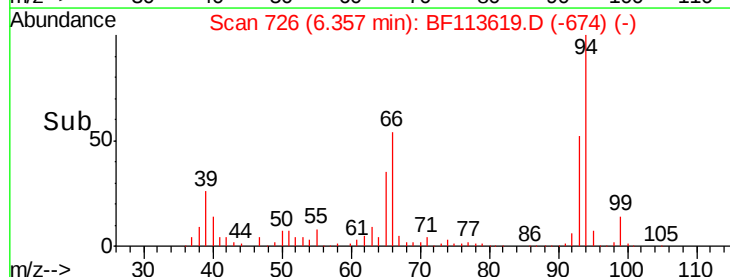
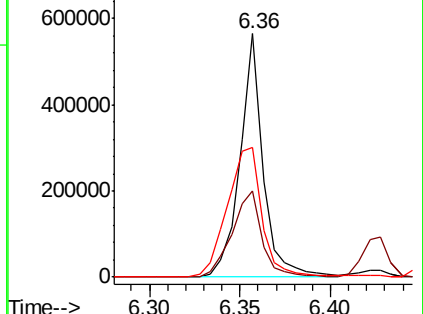
66 53.5 46.4 86.4



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

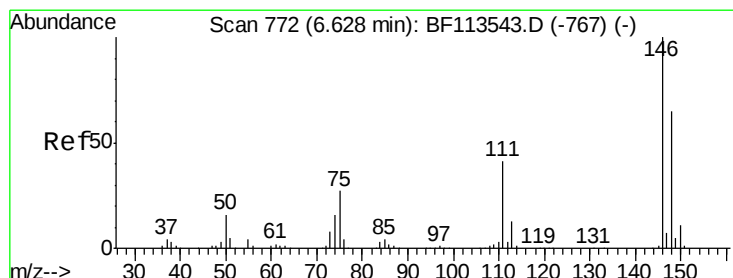
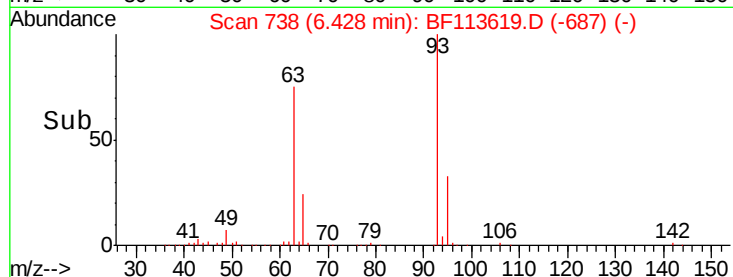
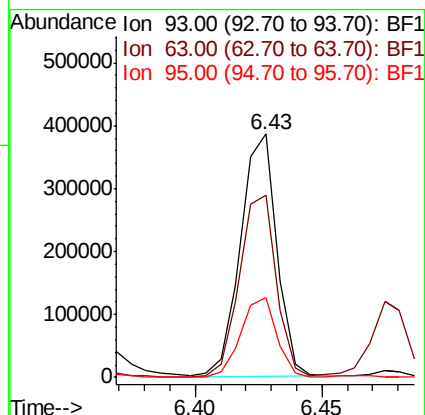
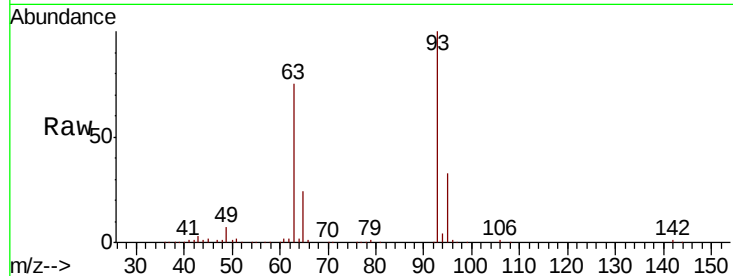




#11
bis(2-Chloroethyl)ether
Concen: 39.834 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

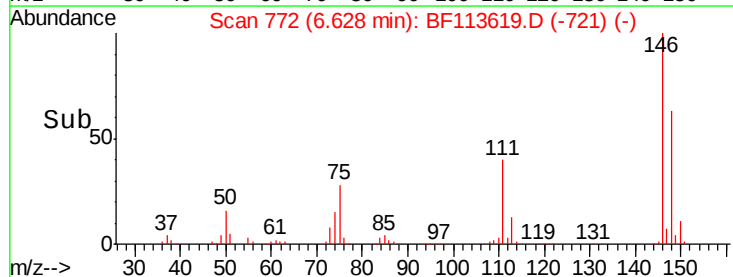
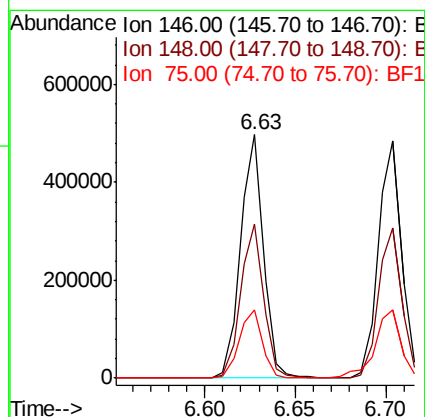
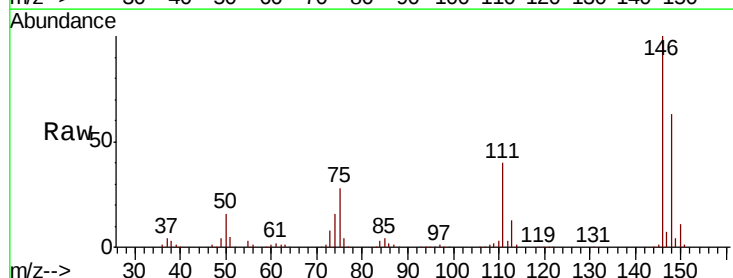
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

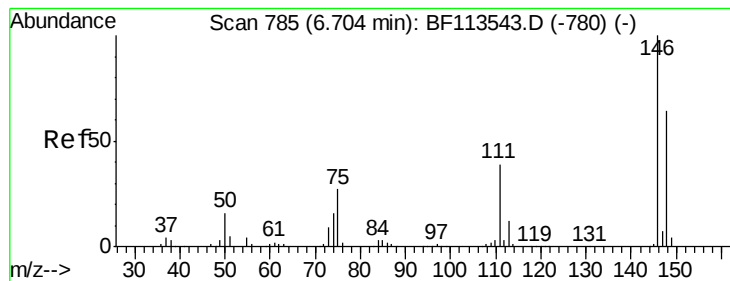
Tot Ion: 93 Resp: 380735
Ion Ratio Lower Upper
93 100
63 74.9 56.1 96.1
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.076 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Tgt Ion: 146 Resp: 435860
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.0
75 27.8 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 39.947 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

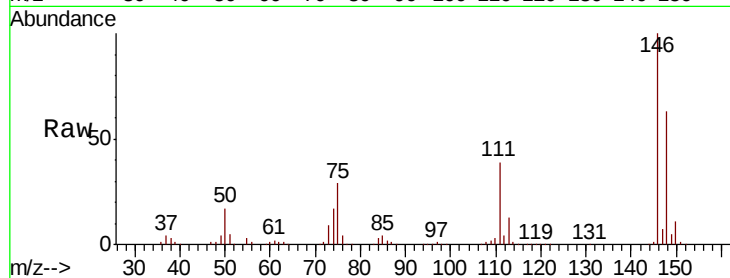
Tot Ion:146 Resp: 439040

Ion Ratio Lower Upper

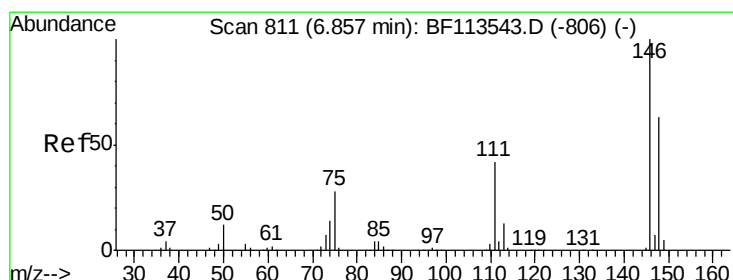
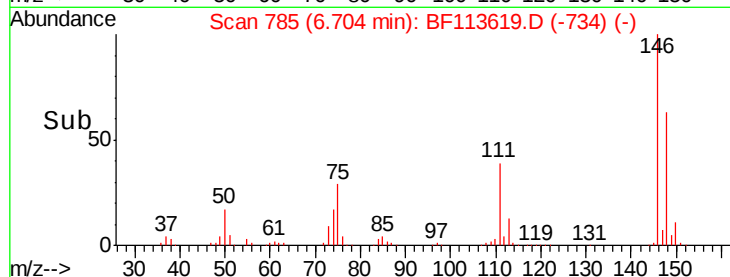
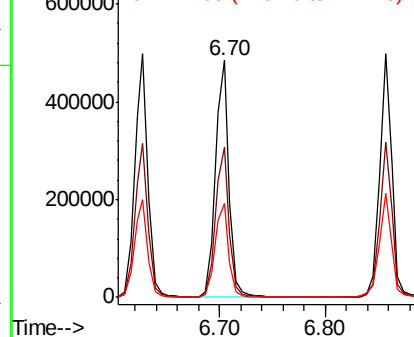
146 100

148 63.4 51.1 76.7

111 39.4 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: 40.174 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

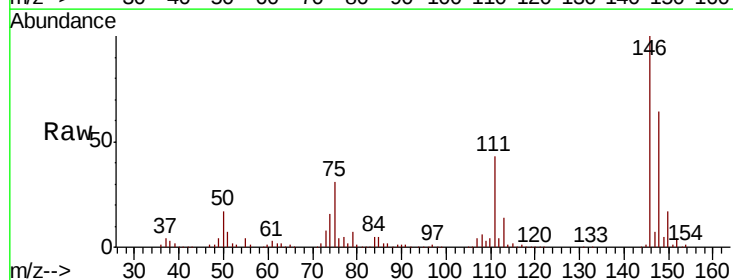
Tgt Ion:146 Resp: 398543

Ion Ratio Lower Upper

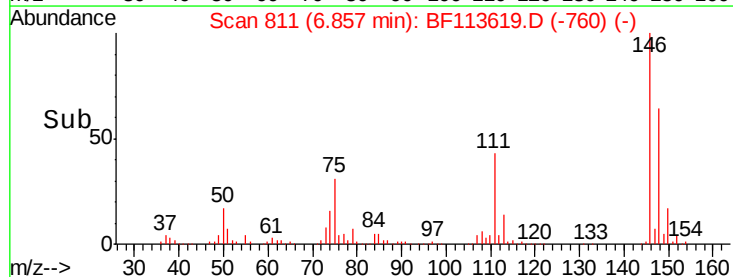
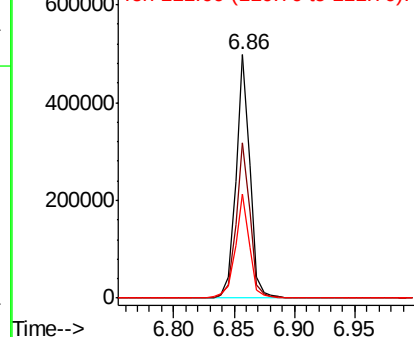
146 100

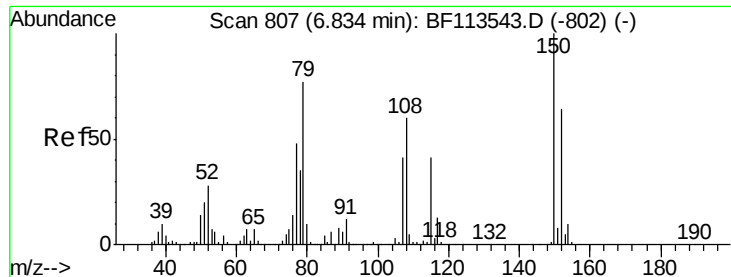
148 64.0 50.2 75.4

111 42.5 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: 42.476 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

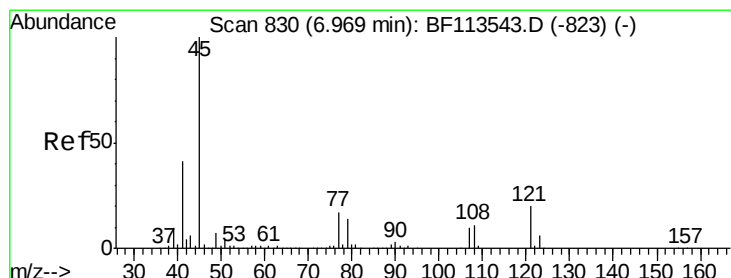
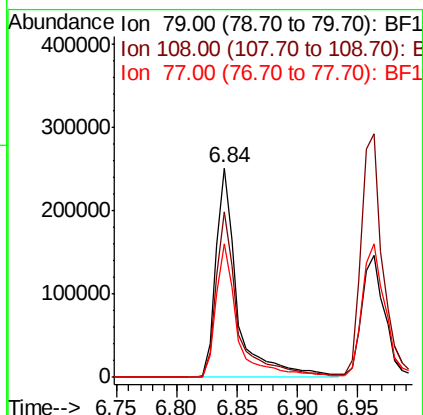
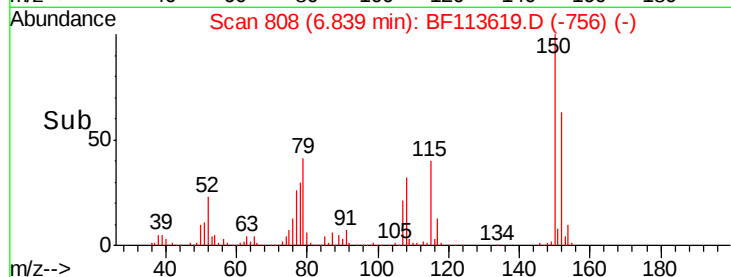
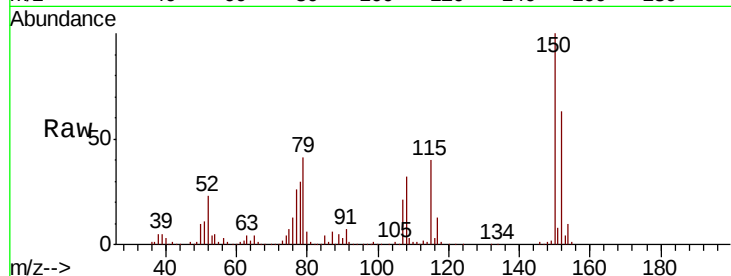
Tot Ion: 79 Resp: 308984

Ion Ratio Lower Upper

79 100

108 78.7 62.0 93.0

77 63.9 49.9 74.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.593 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

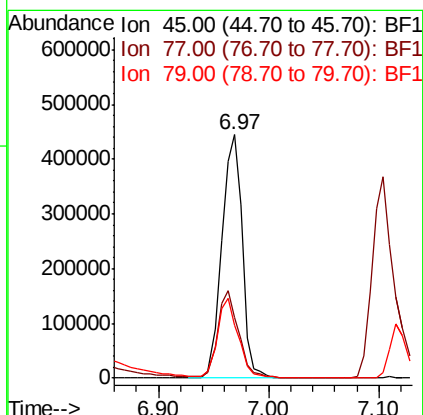
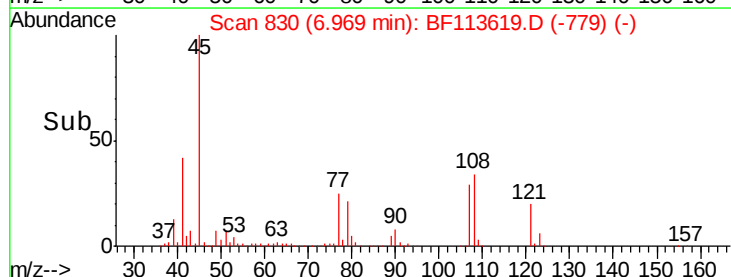
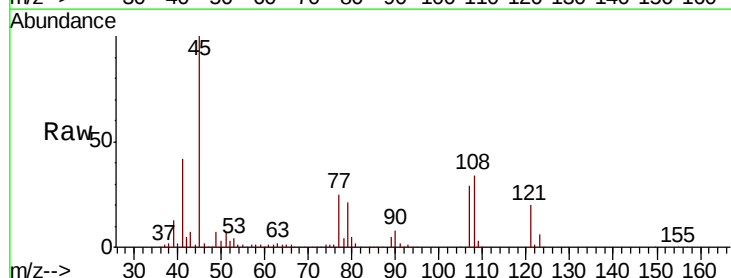
Tgt Ion: 45 Resp: 574168

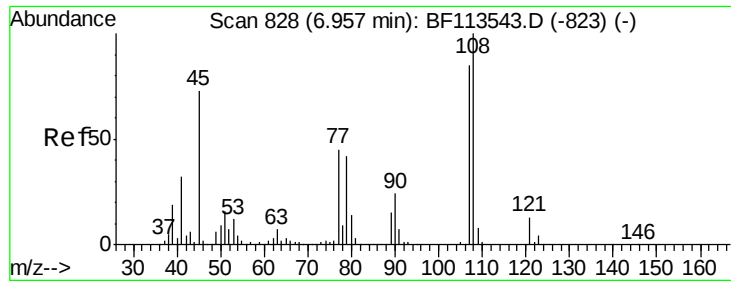
Ion Ratio Lower Upper

45 100

77 24.7 0.0 36.6

79 21.5 0.0 34.0

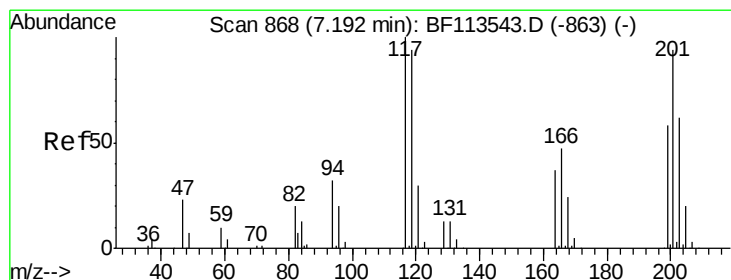
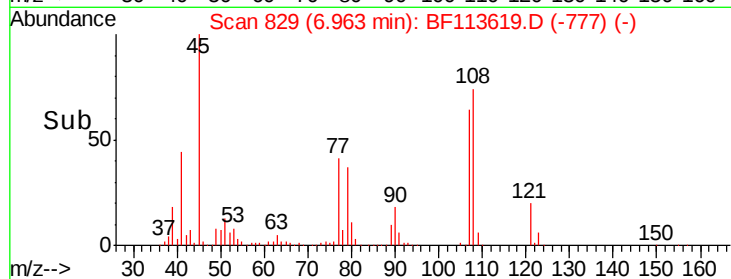
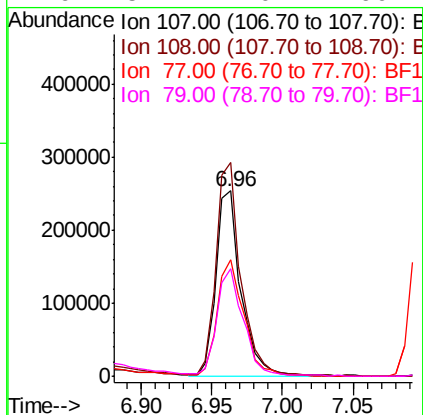
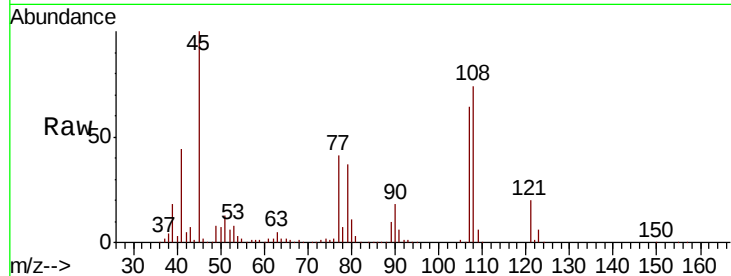




#17
2-Methylphenol
Concen: 39.772 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

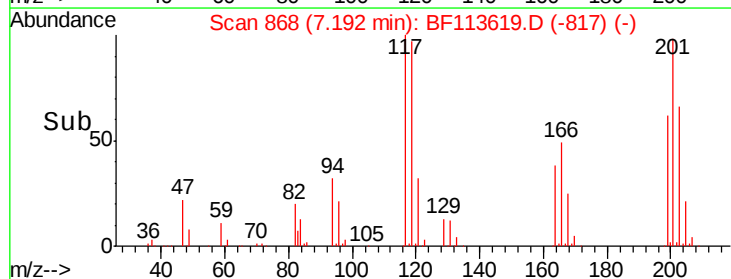
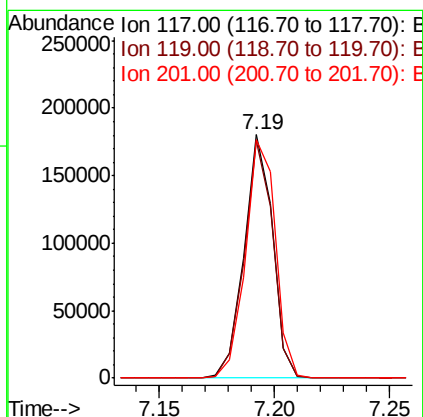
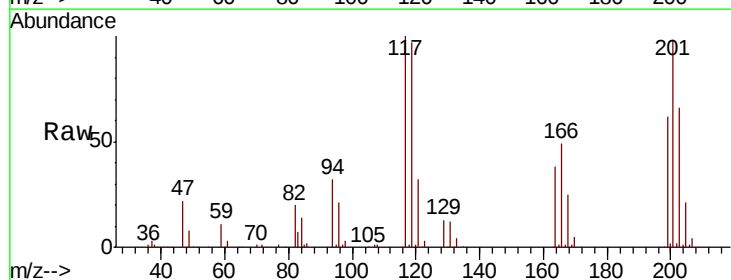
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

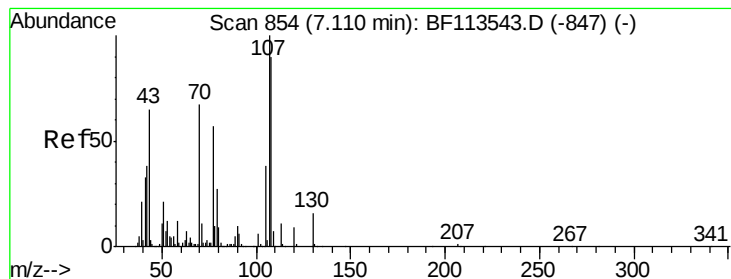
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.1	93.4	140.0
77	63.1	41.2	61.8
79	57.7	40.1	60.1



#18
Hexachloroethane
Concen: 38.972 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.9	115.3
201	98.1	78.7	118.1





#19

n-Nitroso-di-n-propylamine

Concen: 40.373 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 267839

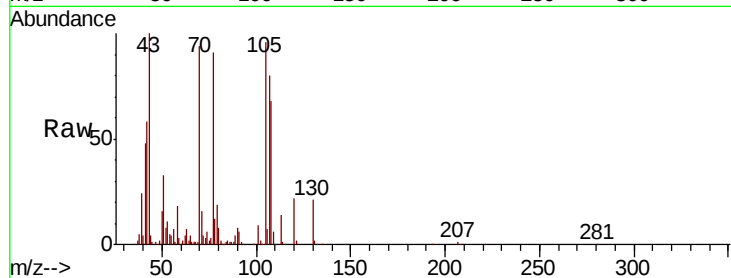
Ion	Ratio	Lower	Upper
70	100		
42	62.1	48.4	72.6
101	9.6	7.8	11.8
130	22.1	18.2	27.4

70 100

42 62.1 48.4 72.6

101 9.6 7.8 11.8

130 22.1 18.2 27.4



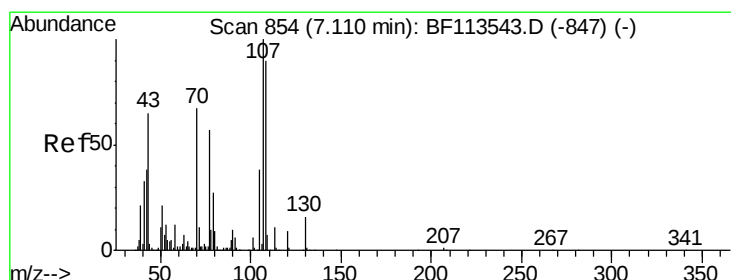
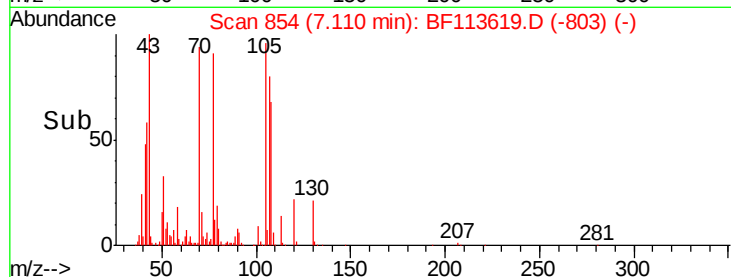
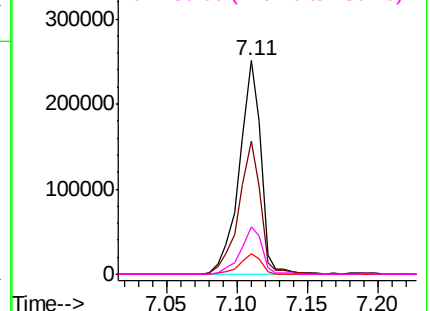
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 42.366 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

Tgt Ion: 107 Resp: 401759

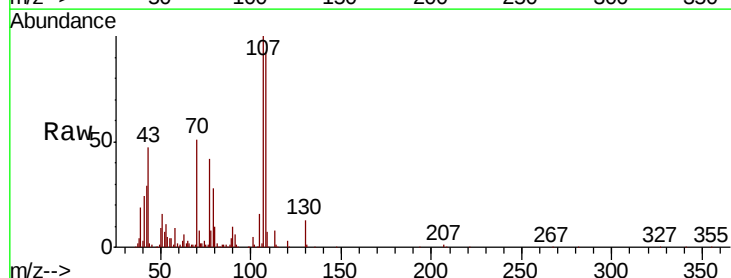
Ion	Ratio	Lower	Upper
107	100		
108	91.6	71.4	111.4
77	42.0	33.5	73.5
79	27.8	8.3	48.3

107 100

108 91.6 71.4 111.4

77 42.0 33.5 73.5

79 27.8 8.3 48.3



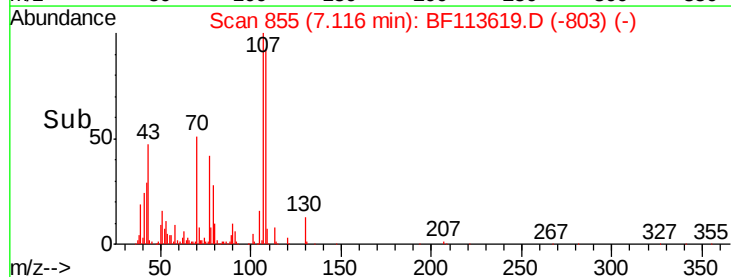
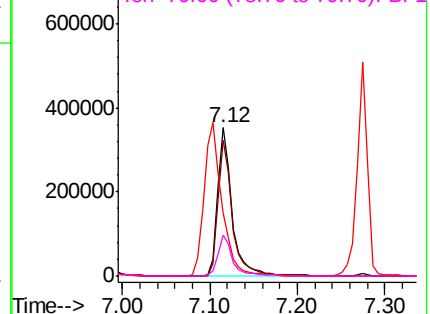
Abundance

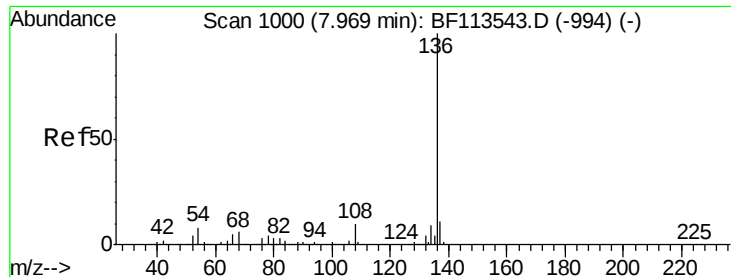
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 584370

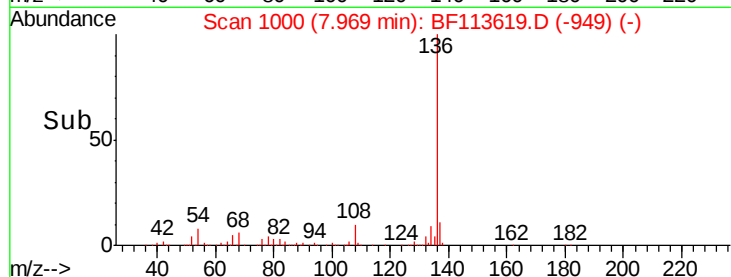
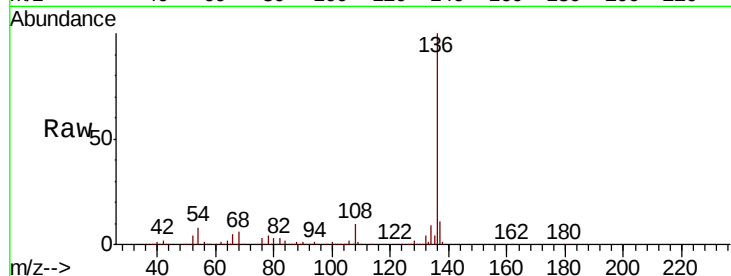
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.9 7.0 10.6

68 5.8 4.8 7.2

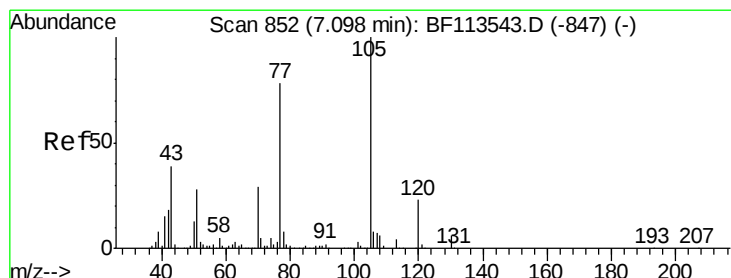
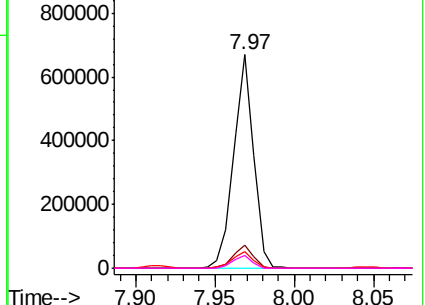


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.891 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

Tgt Ion:105 Resp: 524823

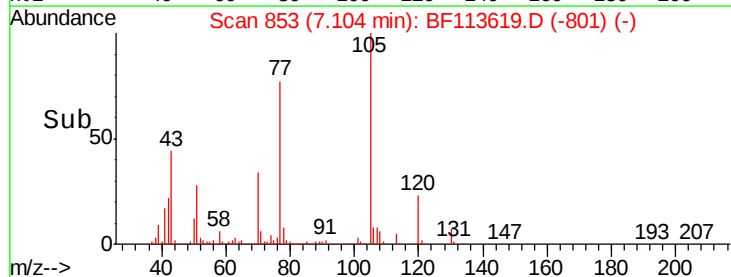
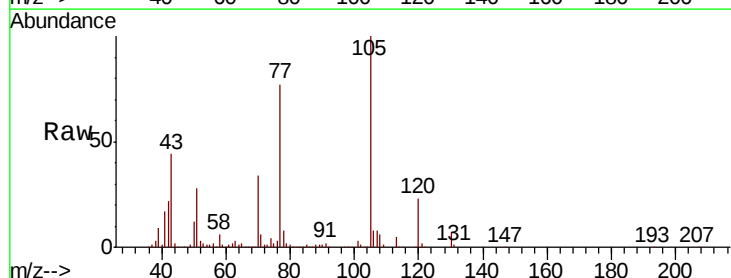
Ion Ratio Lower Upper

105 100

71 5.6 3.3 4.9#

51 27.6 24.2 36.2

120 22.7 18.1 27.1

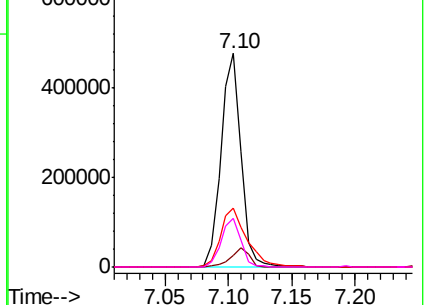


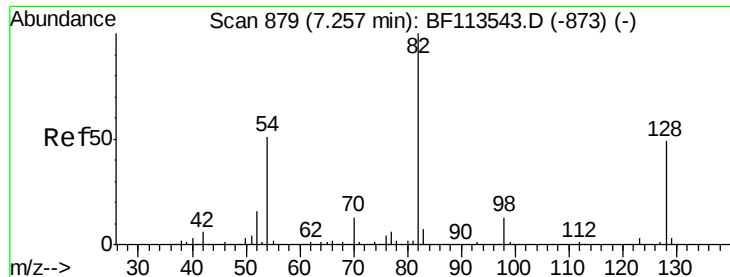
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

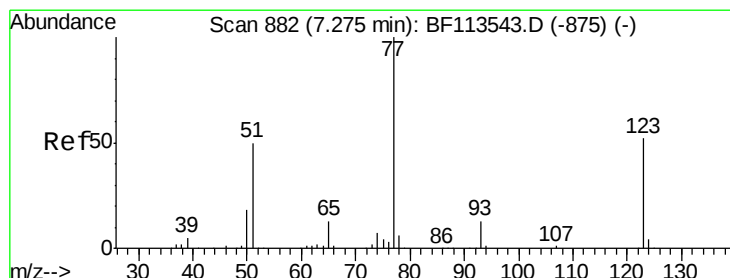
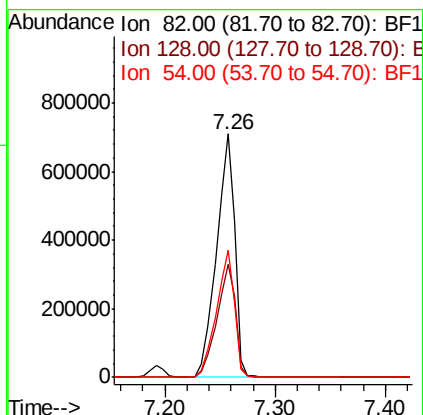
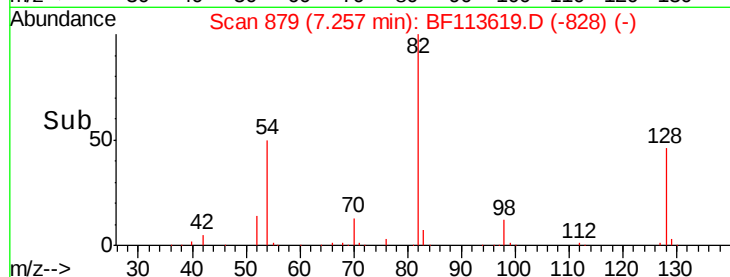
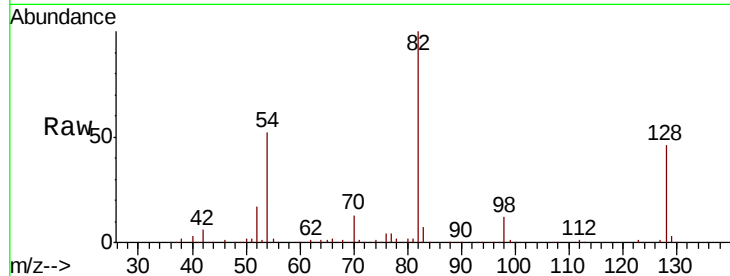




#23
Nitrobenzene-d5
Concen: 81.259 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

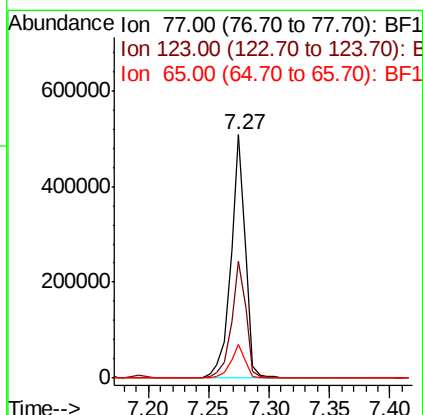
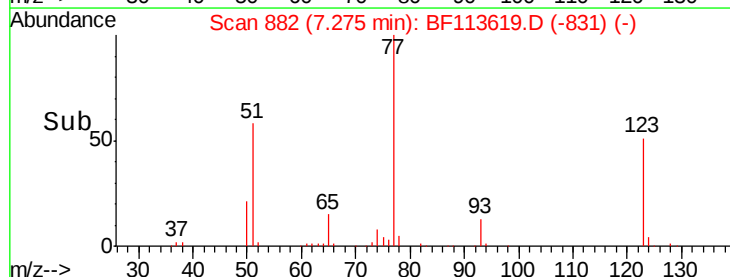
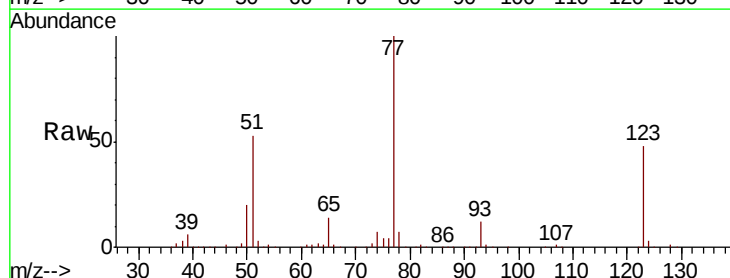
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

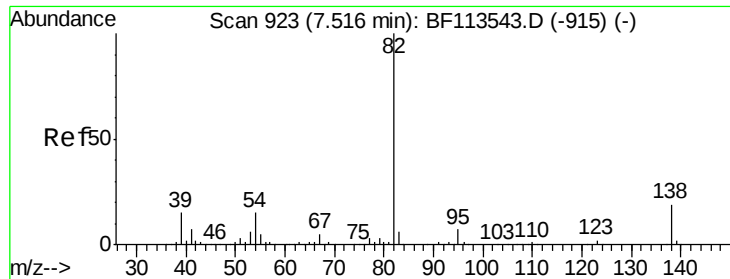
Tot Ion: 82 Resp: 810672
Ion Ratio Lower Upper
82 100
128 46.3 36.5 54.7
54 52.2 42.2 63.2



#24
Nitrobenzene
Concen: 40.552 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Tgt Ion: 77 Resp: 416631
Ion Ratio Lower Upper
77 100
123 48.1 40.8 61.2
65 13.7 10.6 16.0

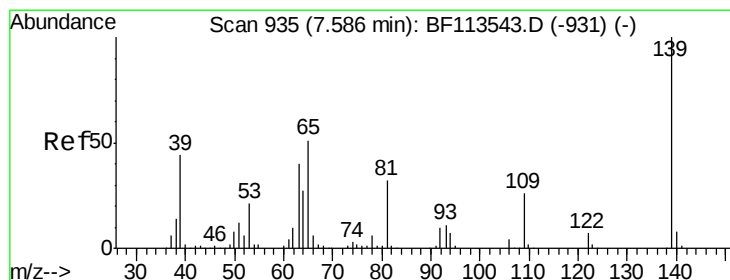
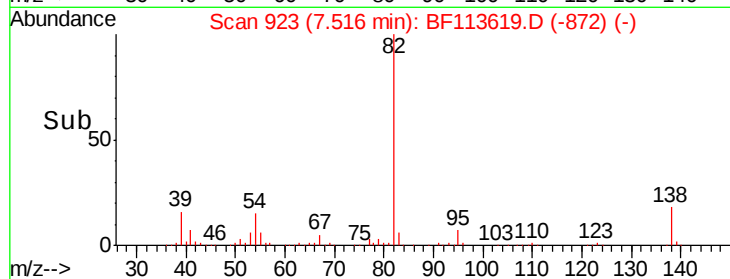
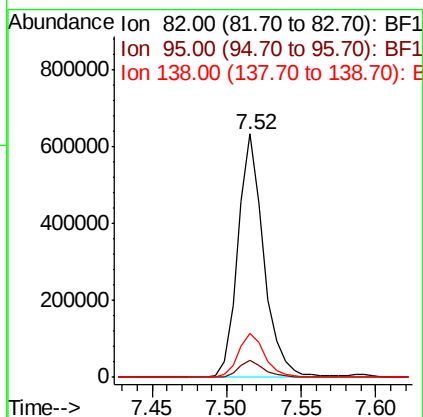
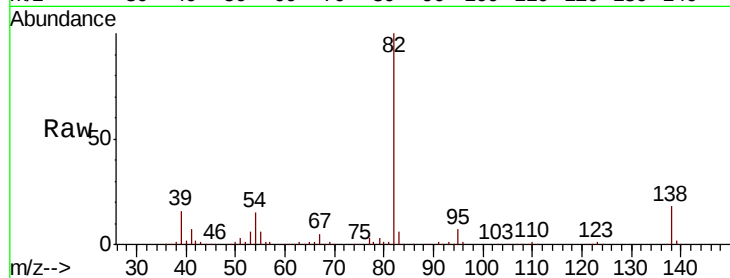




#25
Isophorone
Concen: 39.747 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

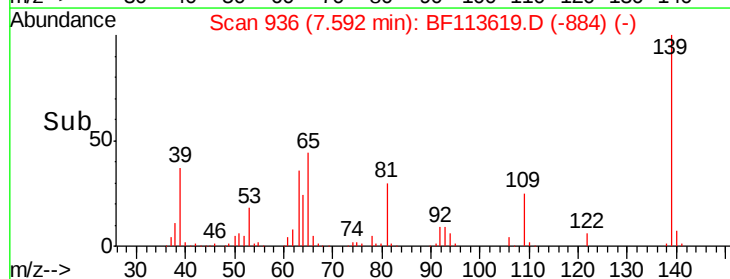
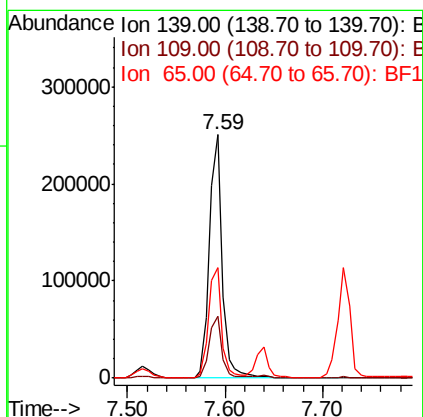
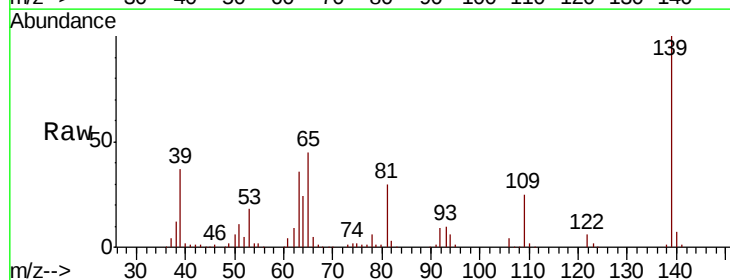
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

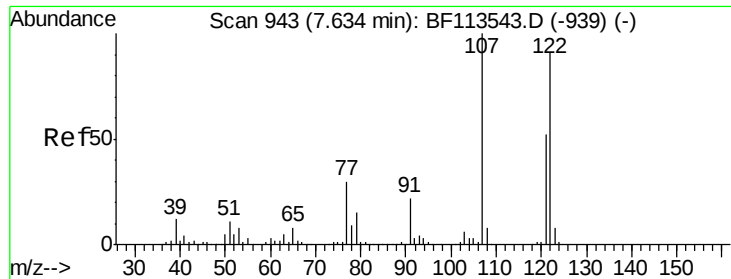
Tot Ion: 82 Resp: 763870
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.3 15.2 22.8



#26
2-Nitrophenol
Concen: 41.804 ng
RT: 7.59 min Scan# 936
Delta R.T. 0.01 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Tgt Ion: 139 Resp: 231155
Ion Ratio Lower Upper
139 100
109 25.2 21.7 32.5
65 45.2 41.6 62.4

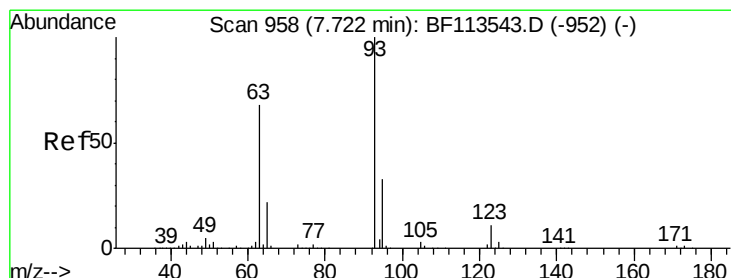
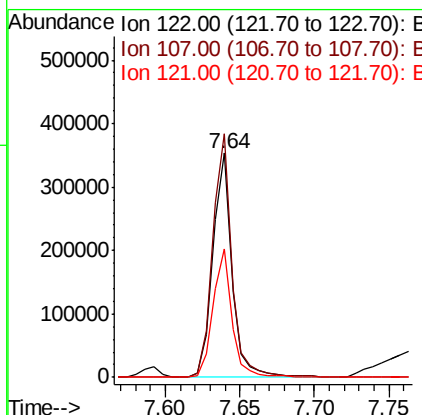
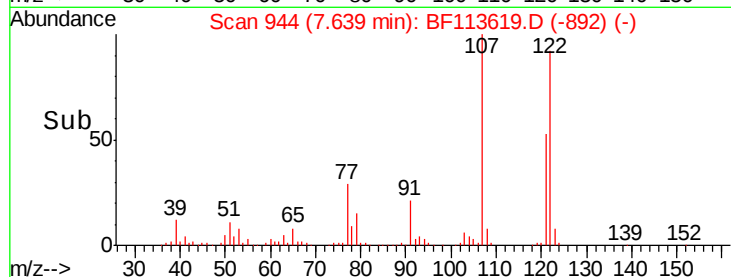
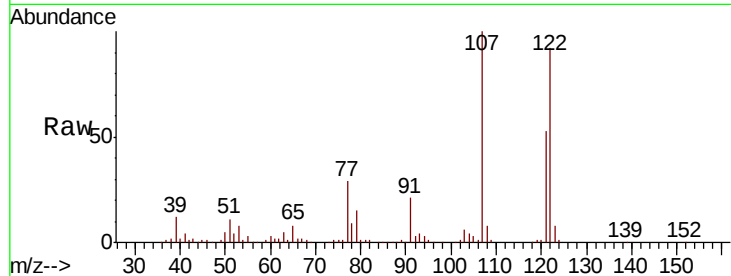




#27
 2,4-Dimethylphenol
 Concen: 39.740 ng
 RT: 7.64 min Scan# 944
 Delta R.T. 0.01 min
 Lab File: BF113619.D
 Acq: 5 Apr 2019 16:55

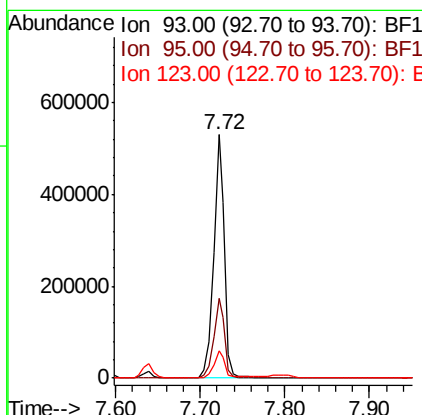
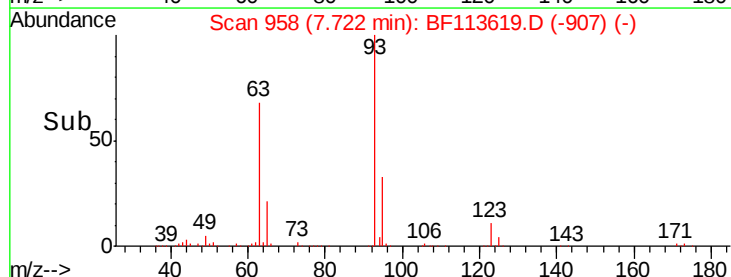
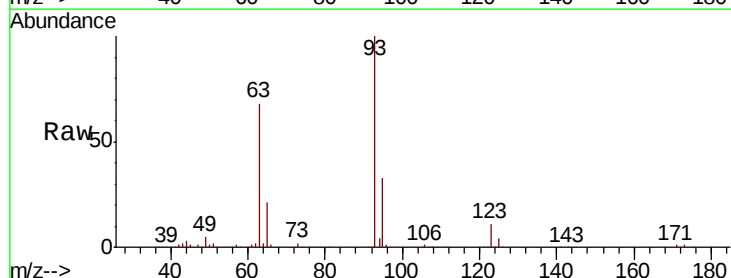
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

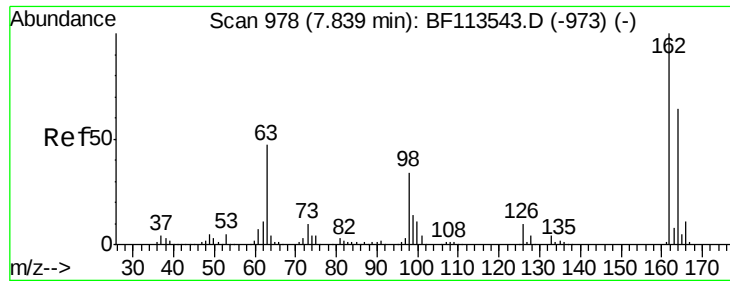
Tot Ion:122 Resp: 314151
 Ion Ratio Lower Upper
 122 100
 107 108.5 88.8 133.2
 121 57.4 45.5 68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.835 ng
 RT: 7.72 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BF113619.D
 Acq: 5 Apr 2019 16:55

Tgt Ion: 93 Resp: 484001
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.0 39.0
 123 11.1 9.1 13.7

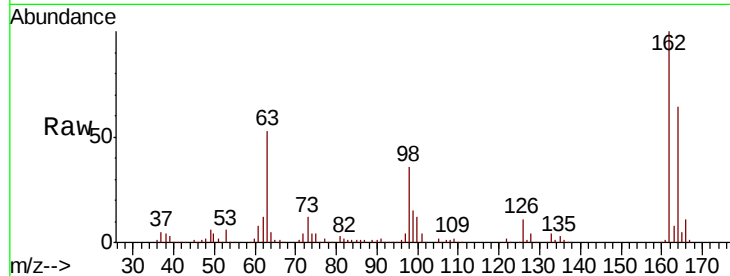




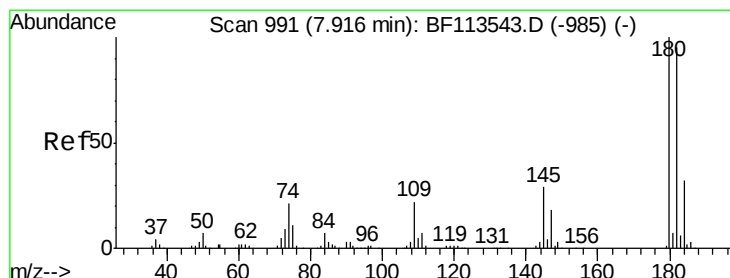
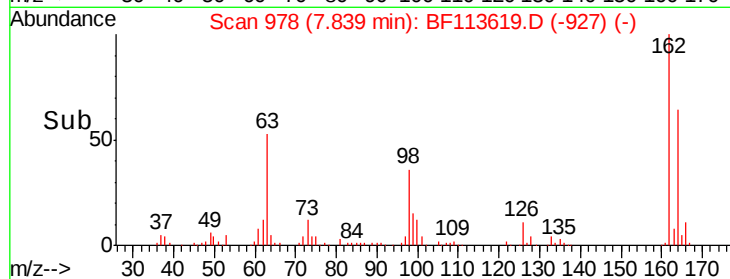
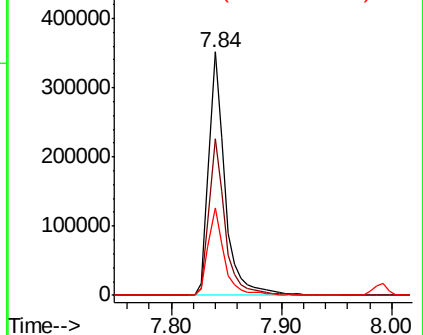
#29
 2,4-Dichlorophenol
 Concen: 41.355 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF113619.D
 Acq: 5 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:162 Resp: 349779
 Ion Ratio Lower Upper
 162 100
 164 64.3 44.6 84.6
 98 36.0 15.6 55.6

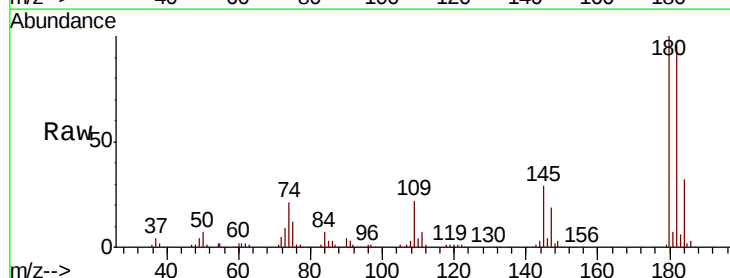


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

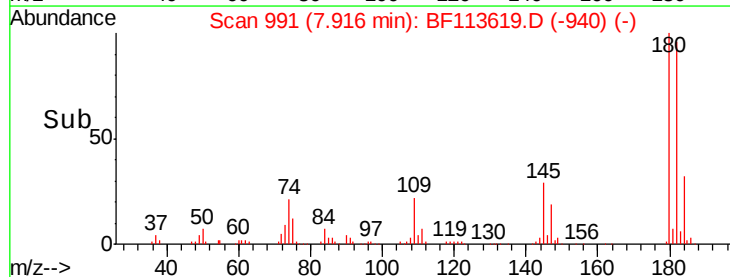
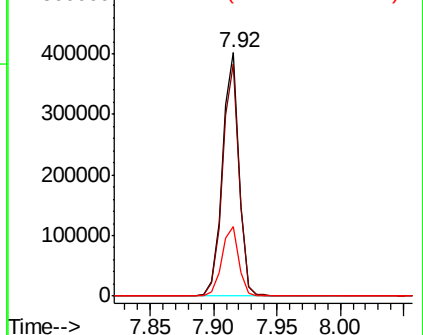


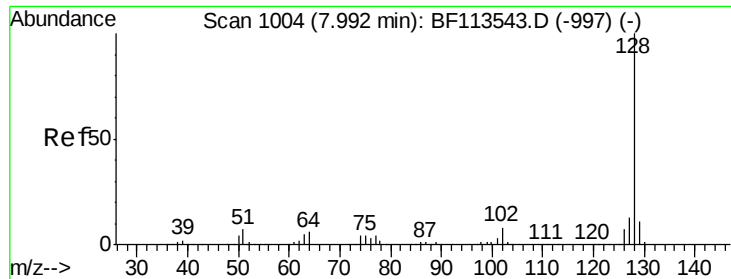
#30
 1,2,4-Trichlorobenzene
 Concen: 40.049 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF113619.D
 Acq: 5 Apr 2019 16:55

Tgt Ion:180 Resp: 367849
 Ion Ratio Lower Upper
 180 100
 182 95.6 74.6 111.8
 145 28.5 23.4 35.0



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

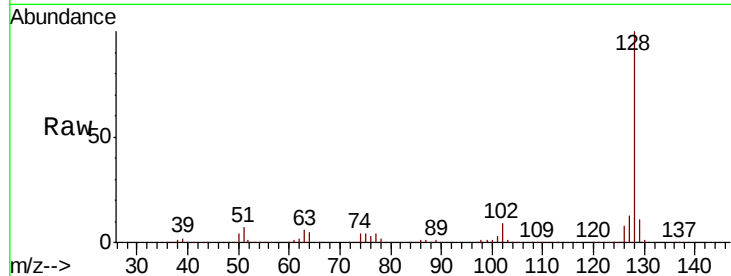




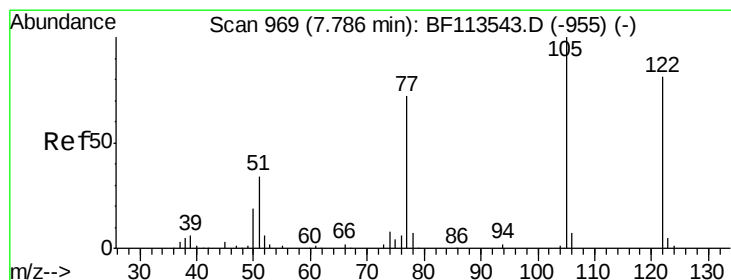
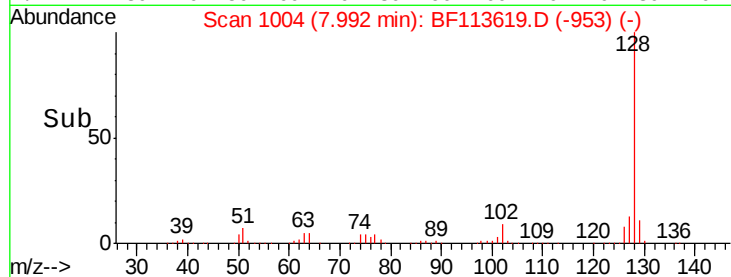
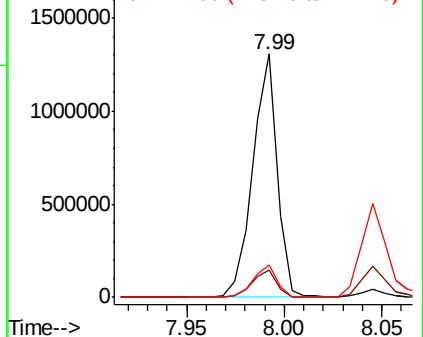
#31
Naphthalene
Concen: 40.152 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 1136866
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.4 10.9 16.3

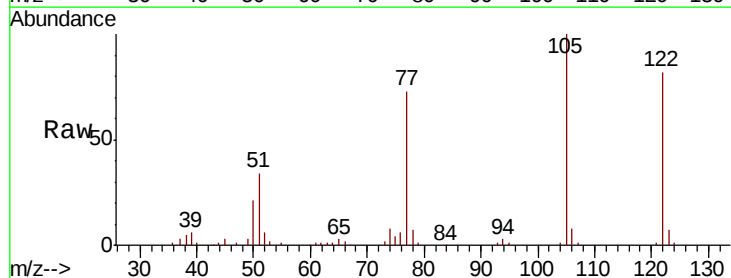


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

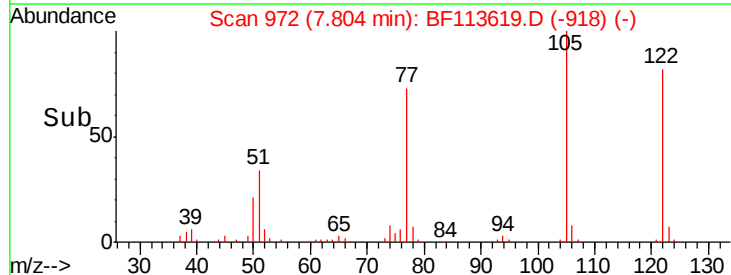
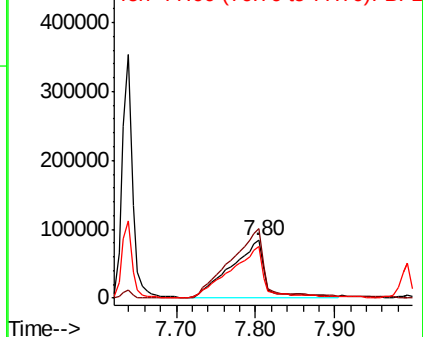


#32
Benzoic acid
Concen: 40.359 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.02 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Tgt Ion:122 Resp: 247050
Ion Ratio Lower Upper
122 100
105 121.5 100.4 140.4
77 88.6 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

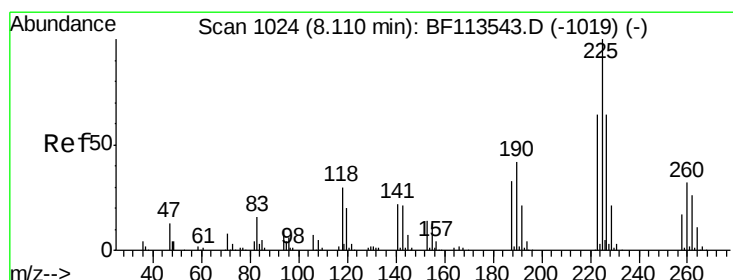
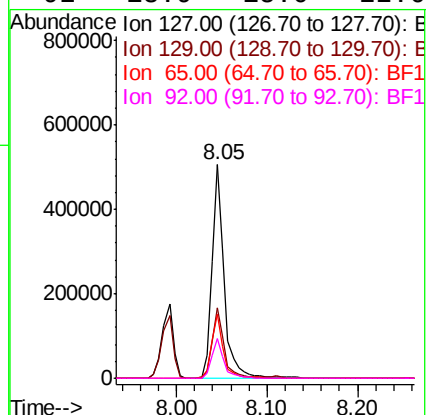
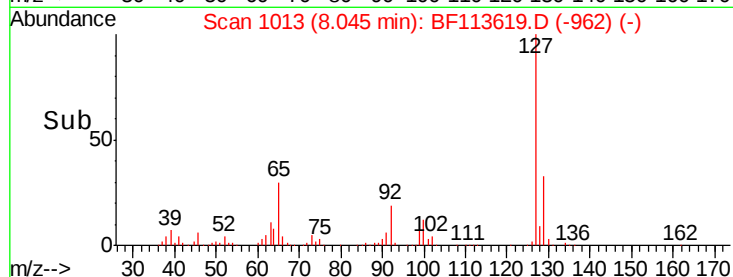
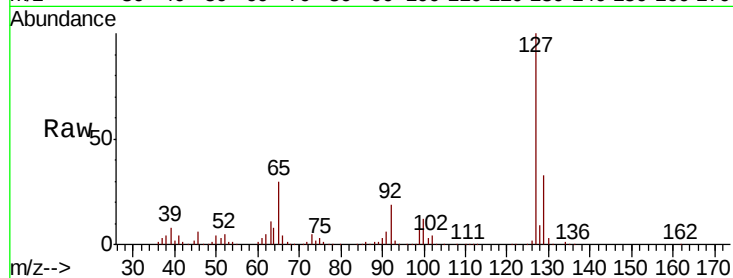




#33
4-Chloroaniline
Concen: 42.633 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

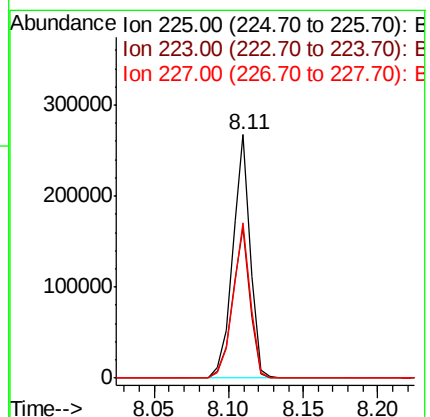
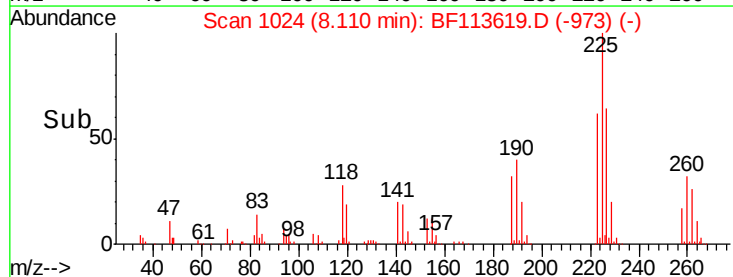
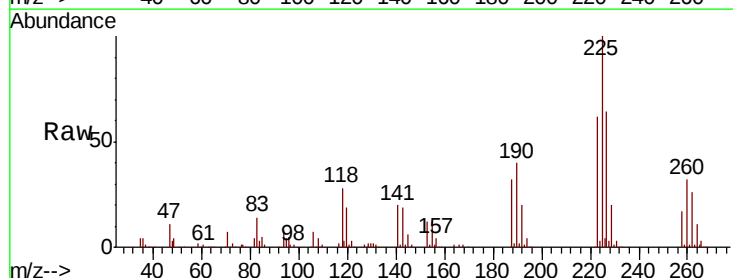
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

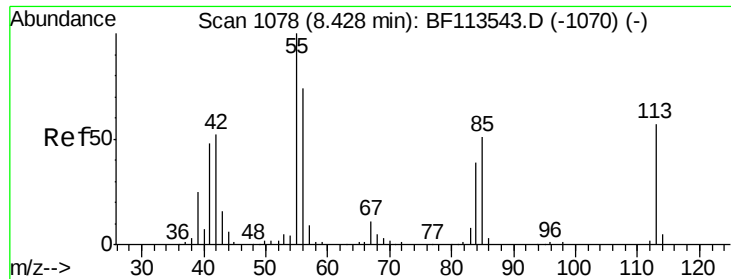
Tot Ion:	127	Resp:	478637
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	30.0	24.2	36.4
92	18.9	15.0	22.6



#34
Hexachlorobutadiene
Concen: 39.723 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Tgt Ion:	225	Resp:	222442
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.4	77.2
227	63.8	51.1	76.7

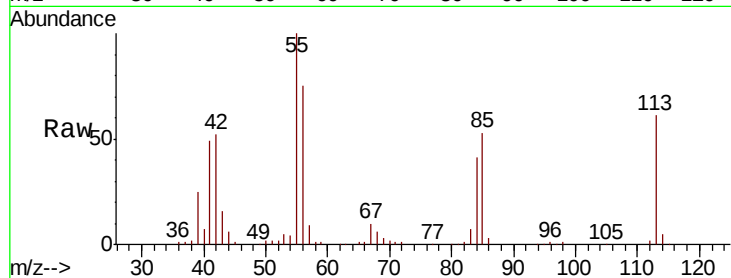




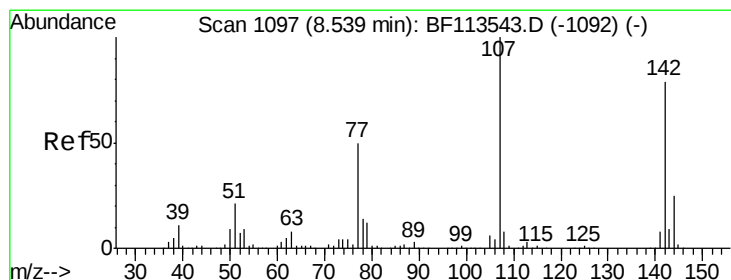
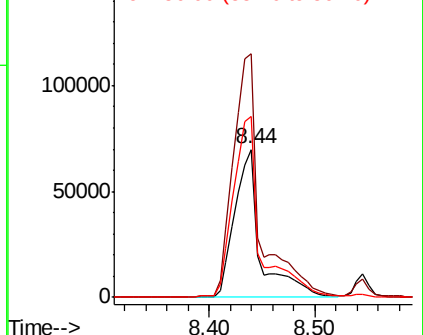
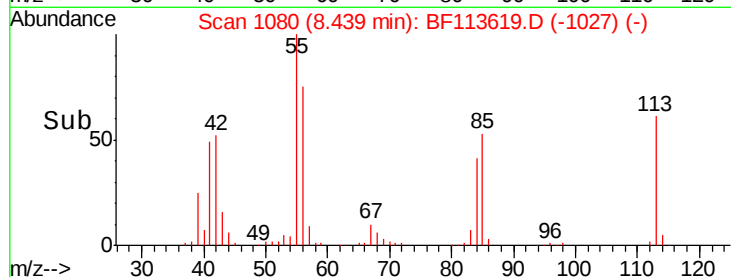
#35
 Caprolactam
 Concen: 43.871 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. 0.01 min
 Lab File: BF113619.D
 Acq: 5 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:113 Resp: 117787
 Ion Ratio Lower Upper
 113 100
 55 164.6 152.7 192.7
 56 122.8 108.3 148.3

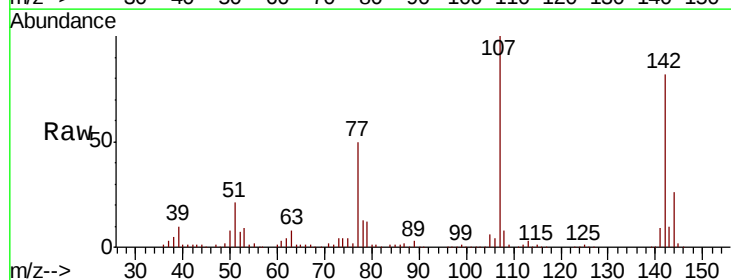


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

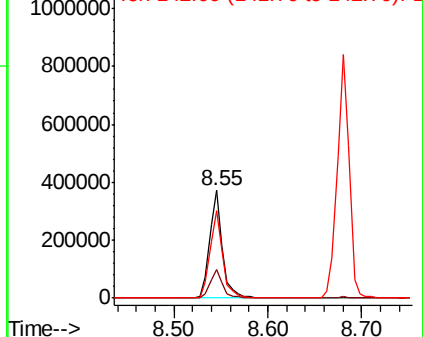
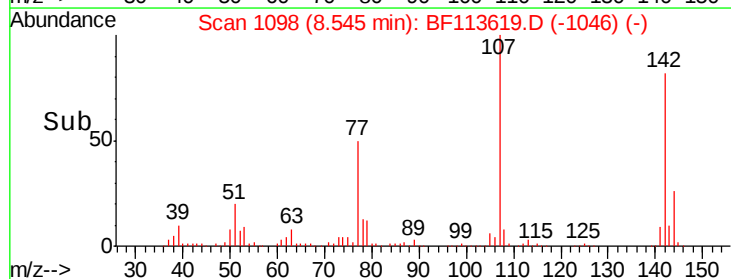


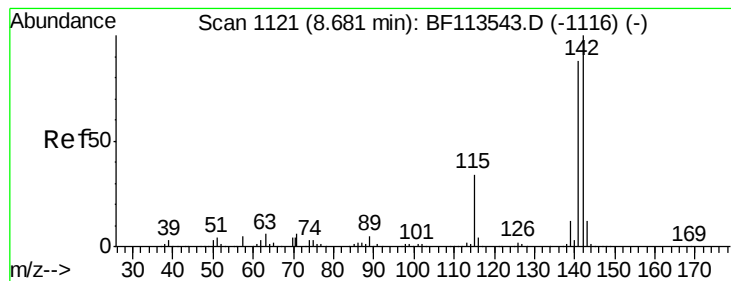
#36
 4-Chloro-3-methylphenol
 Concen: 41.726 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF113619.D
 Acq: 5 Apr 2019 16:55

Tgt Ion:107 Resp: 354274
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.4 32.0
 142 81.7 65.6 98.4



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

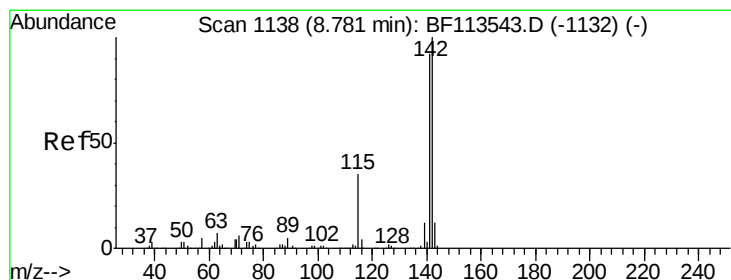
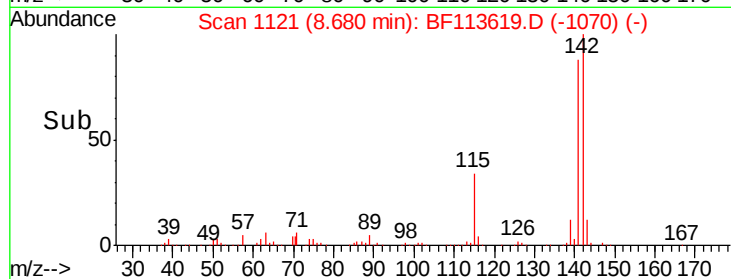
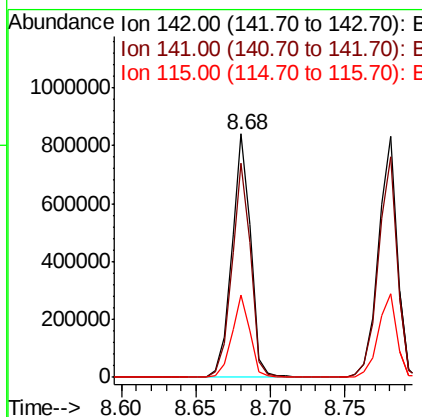
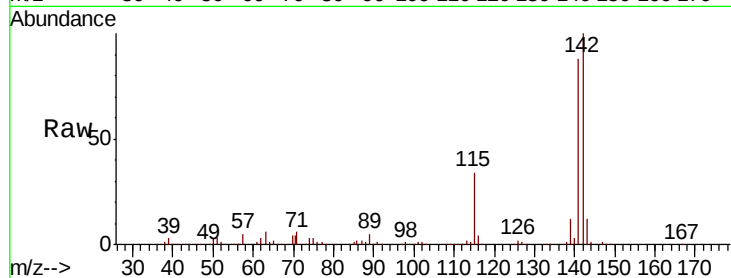




#37
 2-Methylnaphthalene
 Concen: 40.017 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BF113619.D
 Acq: 5 Apr 2019 16:55

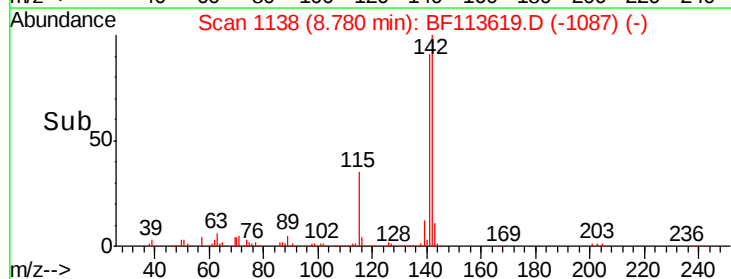
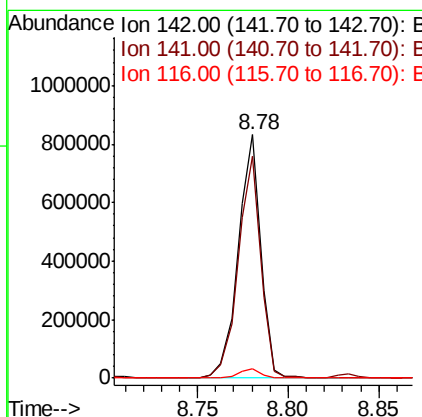
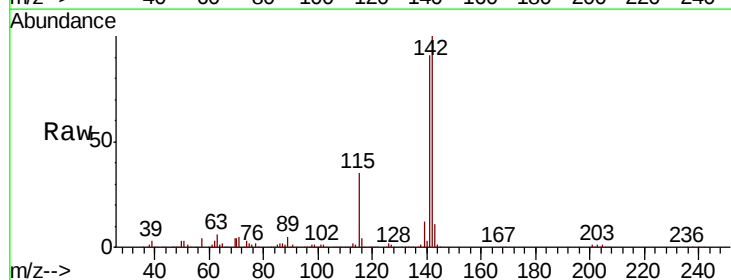
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

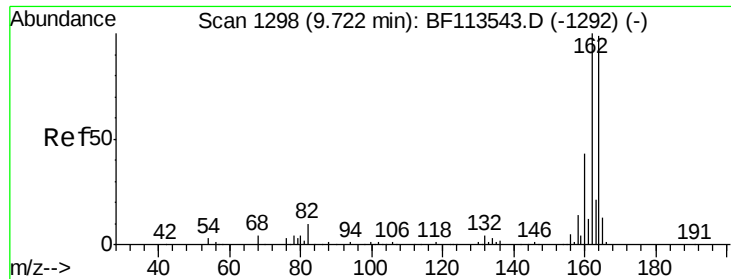
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.0	106.6
115	33.8	26.6	39.8



#38
 1-Methylnaphthalene
 Concen: 39.738 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF113619.D
 Acq: 5 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.2	109.8
116	3.7	3.0	4.4

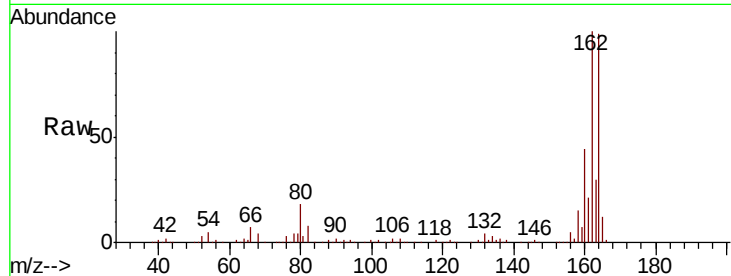




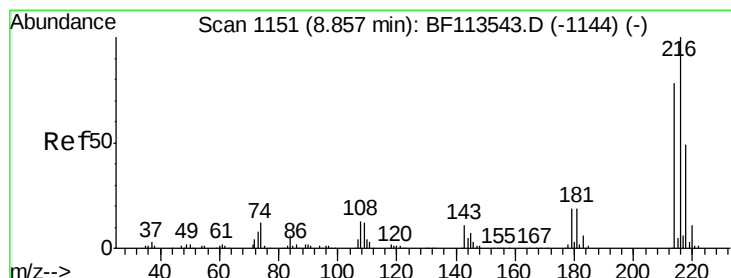
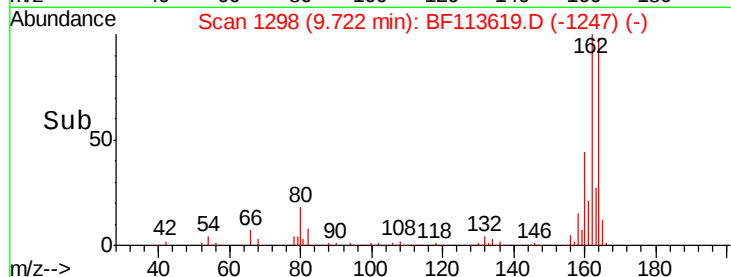
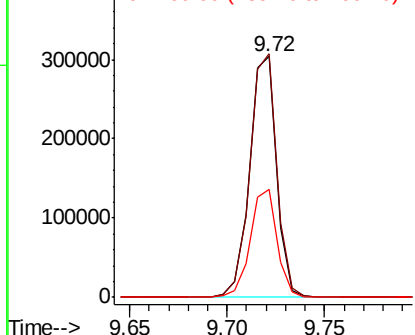
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF113619.D
 Acq: 5 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:164 Resp: 288771
 Ion Ratio Lower Upper
 164 100
 162 101.2 81.8 122.6
 160 45.0 36.4 54.6

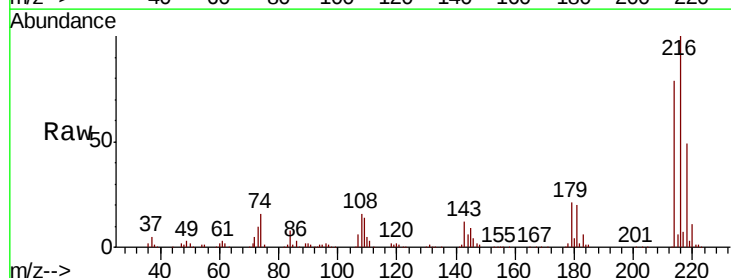


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

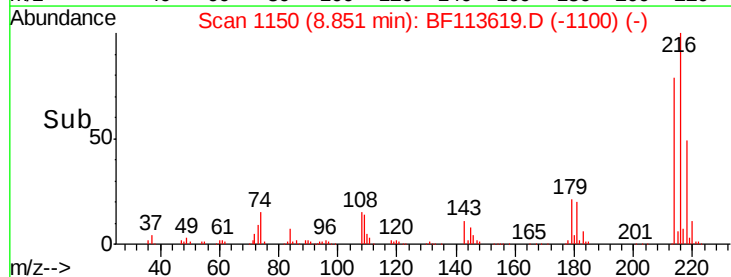
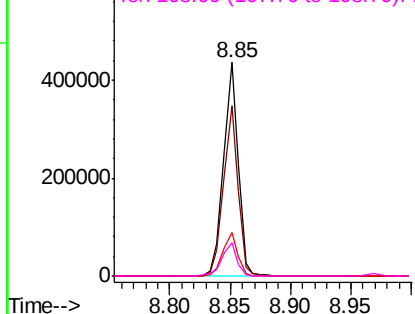


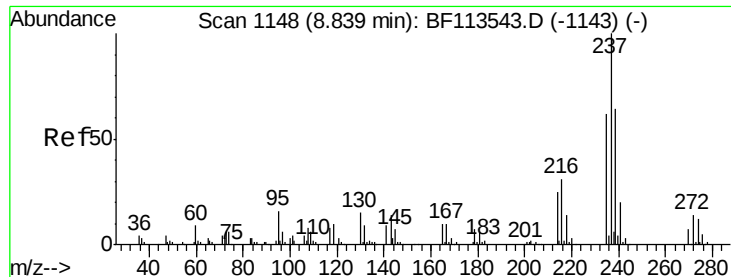
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.276 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF113619.D
 Acq: 5 Apr 2019 16:55

Tgt Ion:216 Resp: 366807
 Ion Ratio Lower Upper
 216 100
 214 79.0 63.0 94.6
 179 20.2 16.8 25.2
 108 16.2 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: 35.599 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

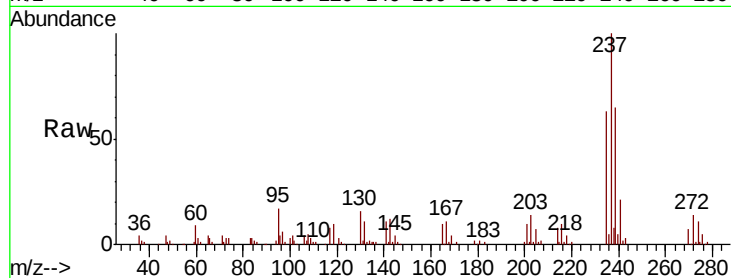
Tot Ion:237 Resp: 87222

Ion Ratio Lower Upper

237 100

235 63.4 43.4 83.4

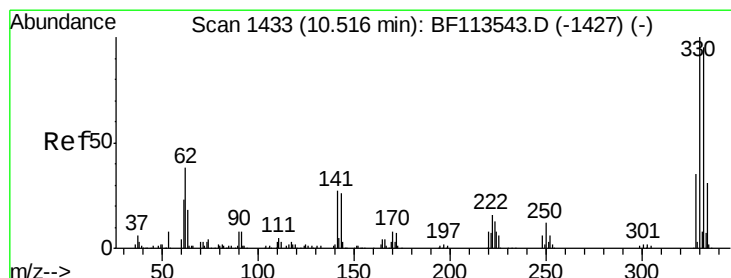
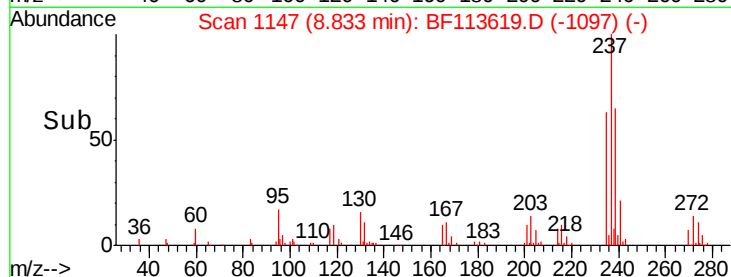
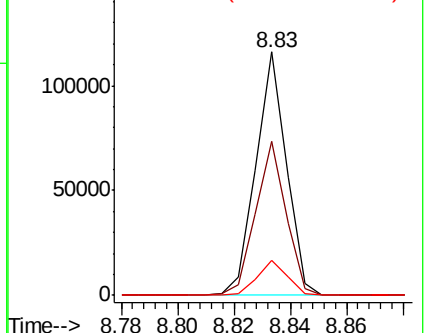
272 14.1 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 79.154 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

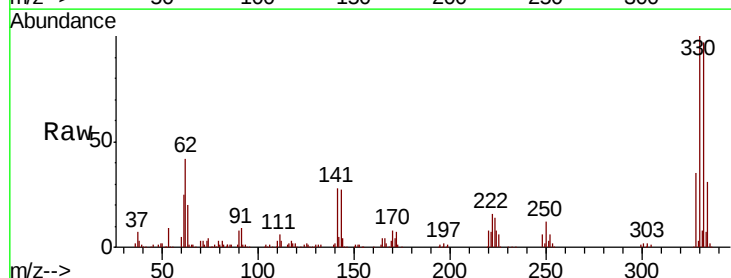
Tgt Ion:330 Resp: 274574

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.6

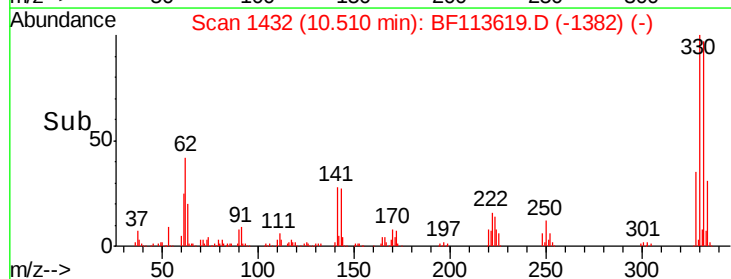
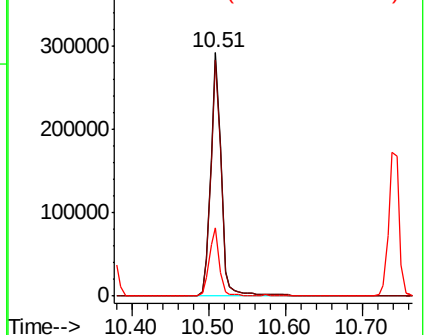
141 27.0 22.7 34.1

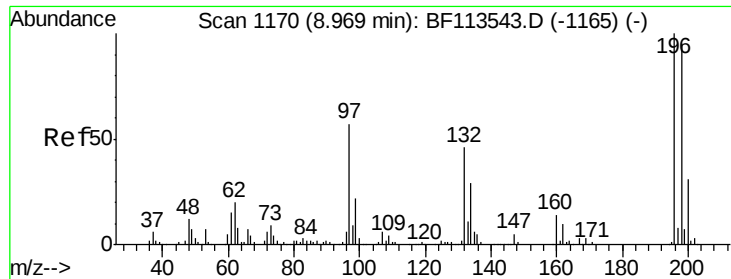


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

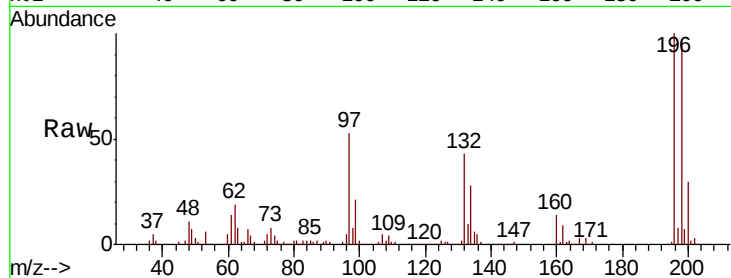




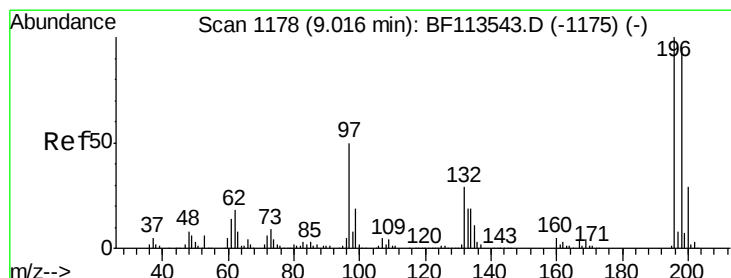
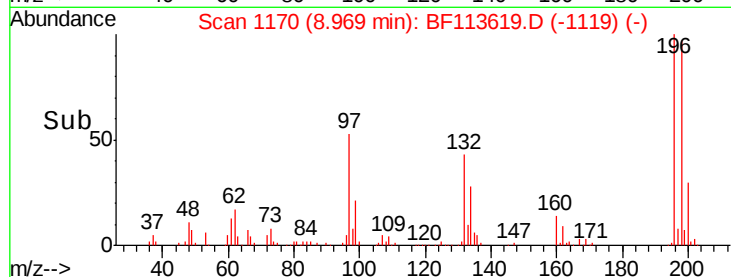
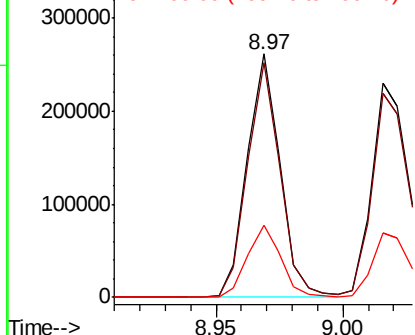
#43
 2,4,6-Trichlorophenol
 Concen: 40.227 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF113619.D
 Acq: 5 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:196 Resp: 237143
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.7 116.5
 200 29.8 24.9 37.3

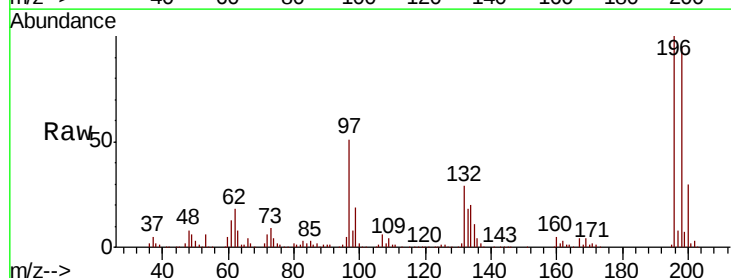


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

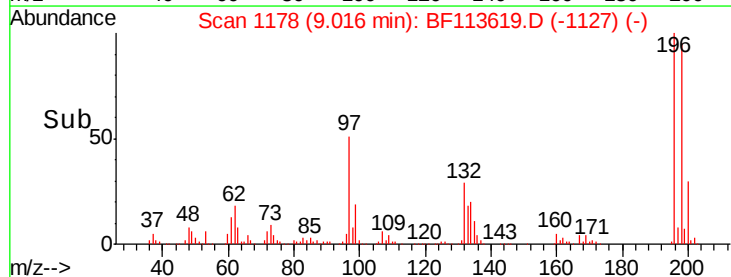
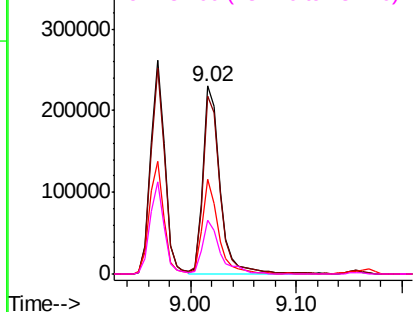


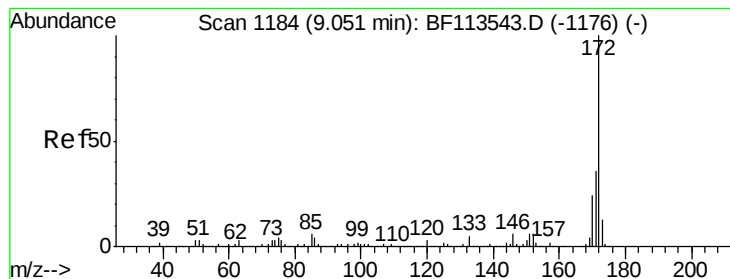
#44
 2,4,5-Trichlorophenol
 Concen: 40.420 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF113619.D
 Acq: 5 Apr 2019 16:55

Tgt Ion:196 Resp: 255812
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.4 113.2
 97 50.5 38.6 58.0
 132 28.5 22.9 34.3



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

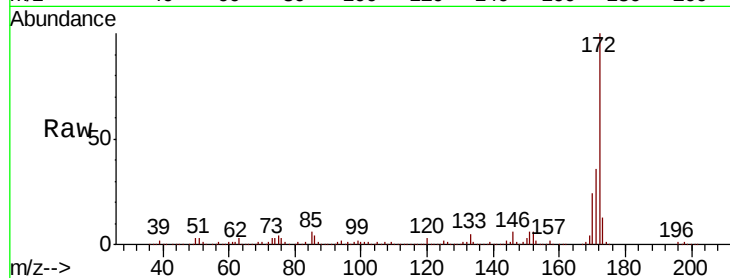




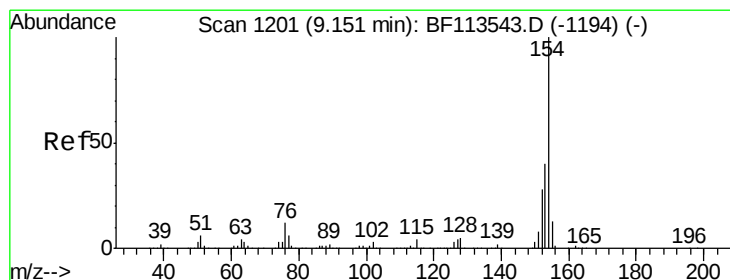
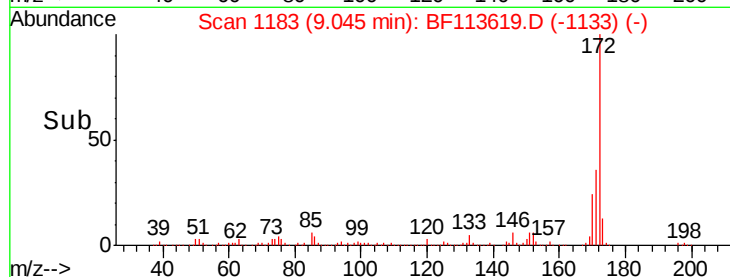
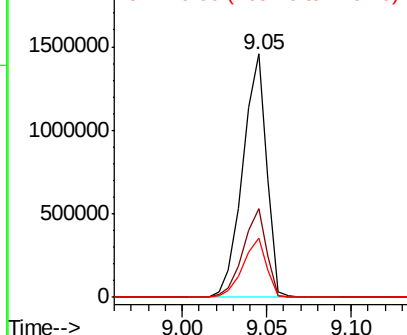
#45
2-Fluorobiphenyl
Concen: 80.133 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:172 Resp: 1437361
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 24.5 19.5 29.3

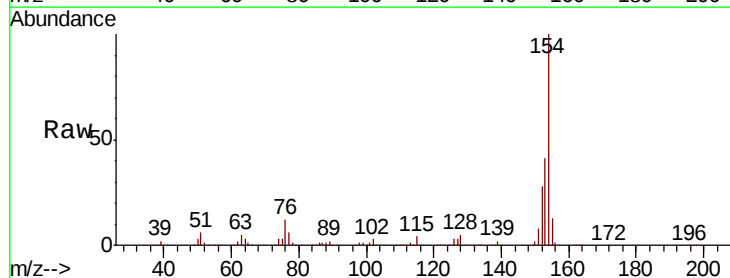


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

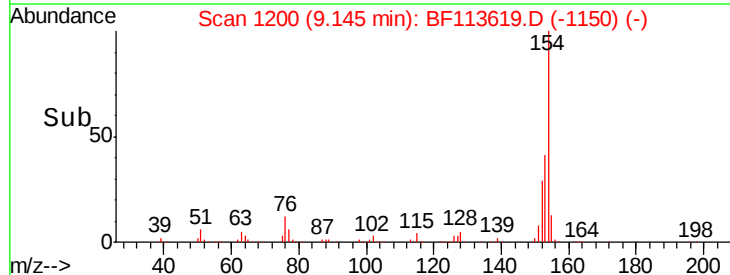
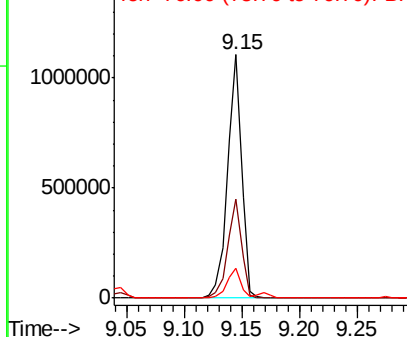


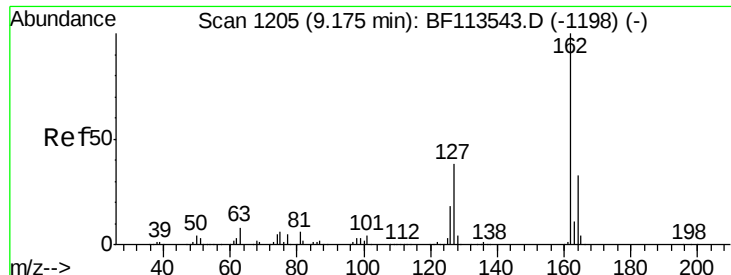
#46
1,1'-Biphenyl
Concen: 39.083 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Tgt Ion:154 Resp: 931299
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 12.3 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
1500000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

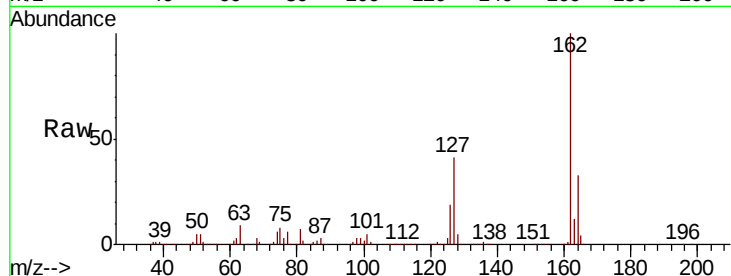




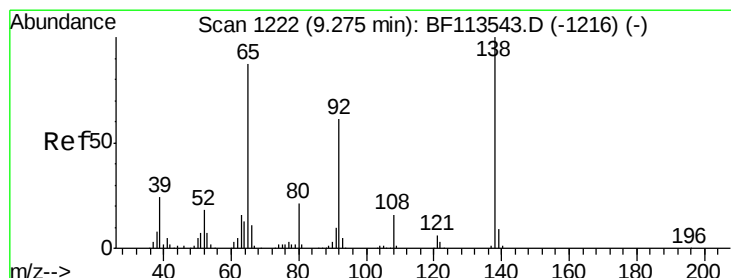
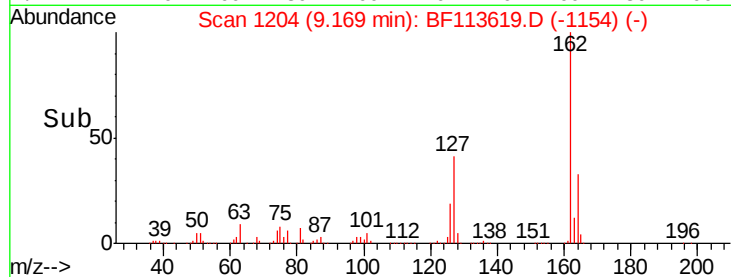
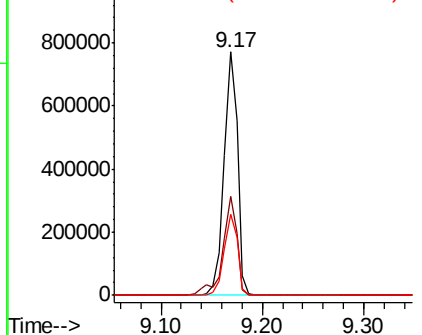
#47
 2-Chloronaphthalene
 Concen: 39.586 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF113619.D
 Acq: 5 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	162	Resp:	714204
Ion	Ratio	Lower	Upper
162	100		
127	40.7	32.6	49.0
164	33.3	26.6	39.8

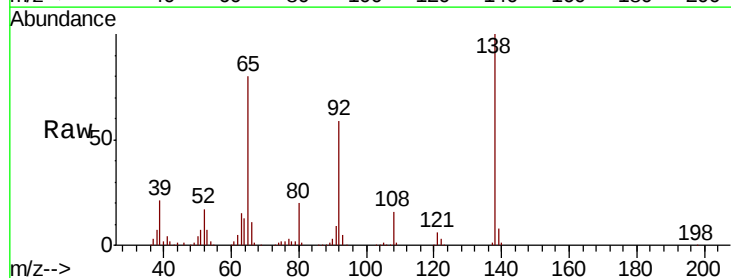


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

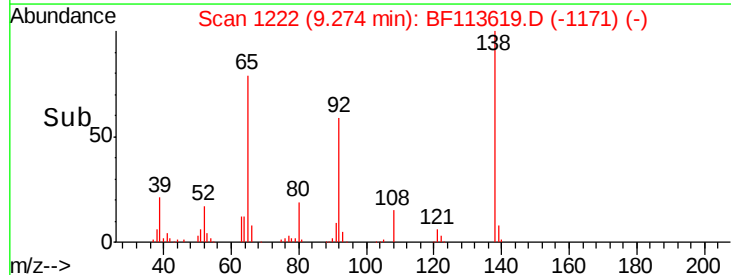
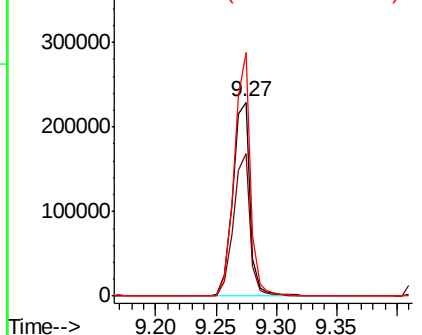


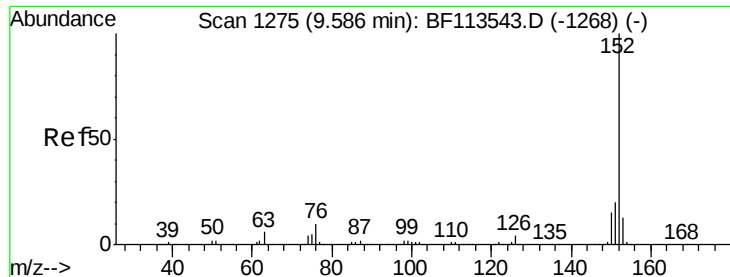
#48
 2-Nitroaniline
 Concen: 41.772 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF113619.D
 Acq: 5 Apr 2019 16:55

Tgt Ion:	65	Resp:	230610
Ion	Ratio	Lower	Upper
65	100		
92	73.4	56.8	85.2
138	125.3	92.3	138.5



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





#49

Acenaphthylene

Concen: 39.235 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

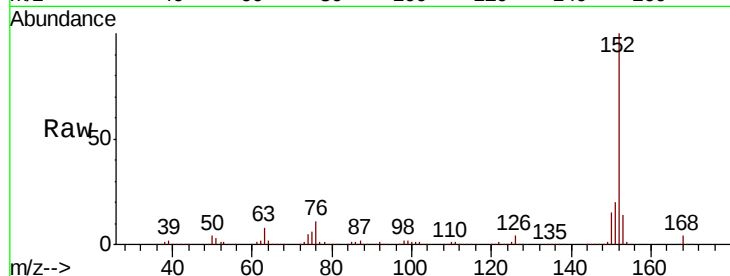
Tot Ion:152 Resp: 1151078

Ion Ratio Lower Upper

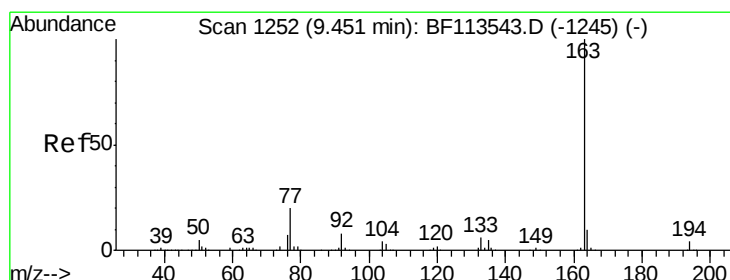
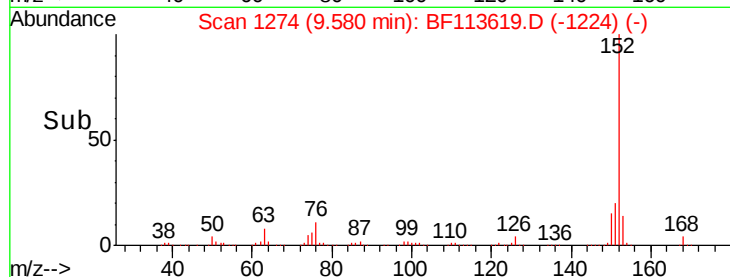
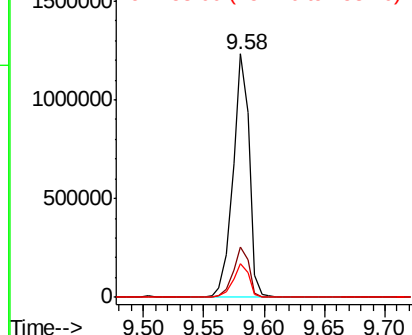
152 100

151 20.4 16.2 24.4

153 13.6 11.0 16.6



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



#50

Dimethylphthalate

Concen: 39.308 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

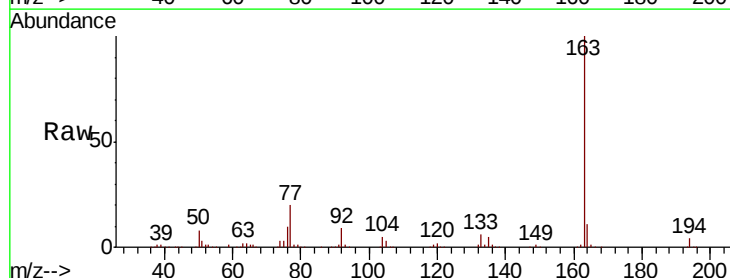
Tgt Ion:163 Resp: 836717

Ion Ratio Lower Upper

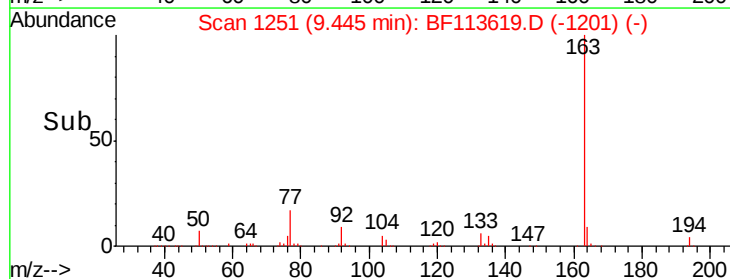
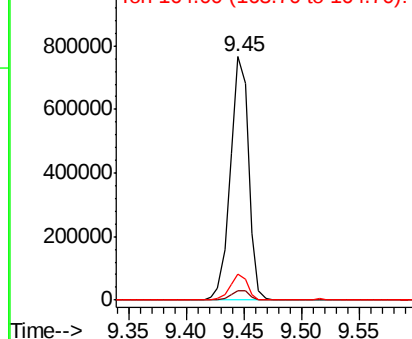
163 100

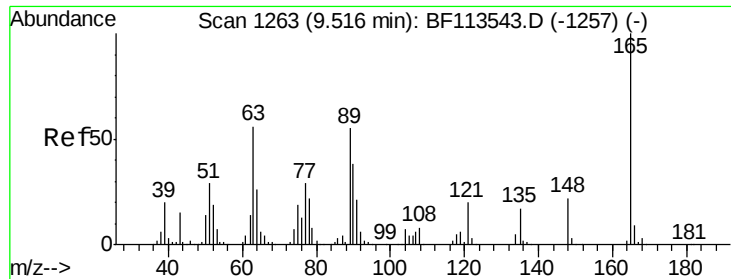
194 3.8 3.0 4.6

164 10.6 8.1 12.1



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

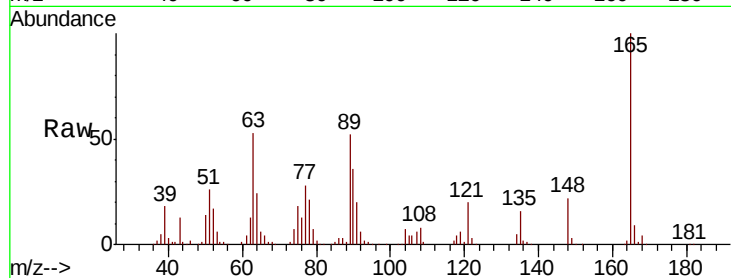




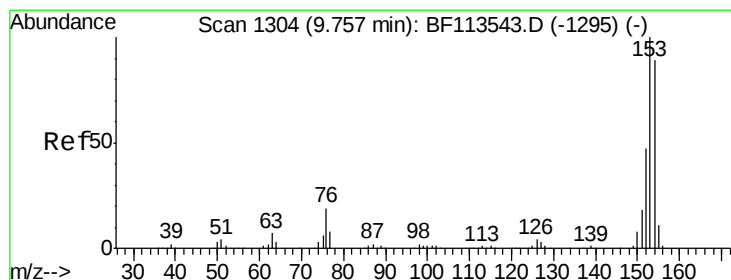
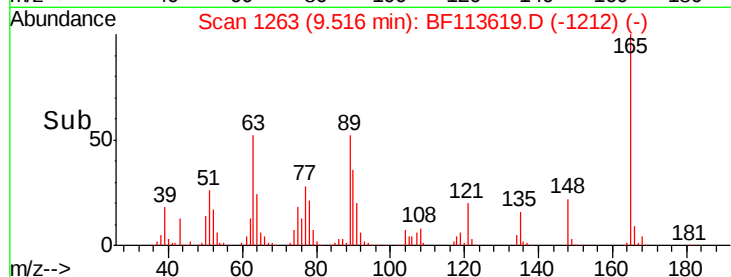
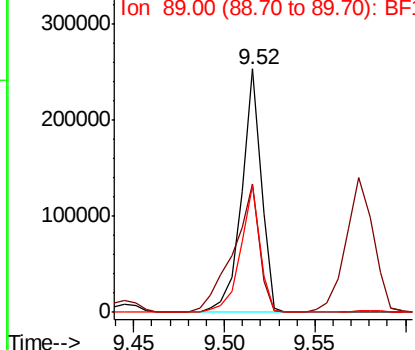
#51
 2,6-Dinitrotoluene
 Concen: 40.578 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF113619.D
 Acq: 5 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.5	43.4	65.0
89	52.2	43.1	64.7

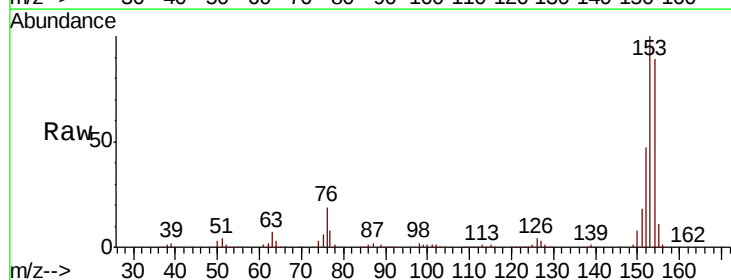


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

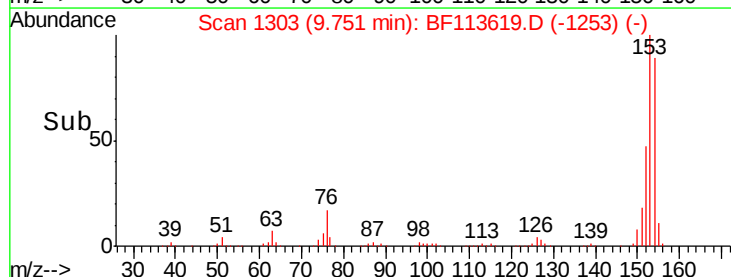
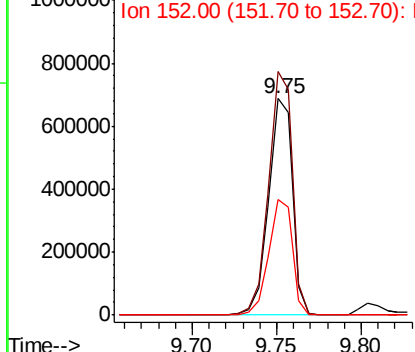


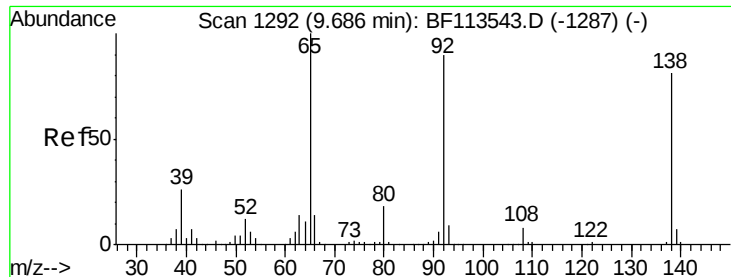
#52
 Acenaphthene
 Concen: 39.553 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF113619.D
 Acq: 5 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.5	134.3
152	53.4	43.3	64.9



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

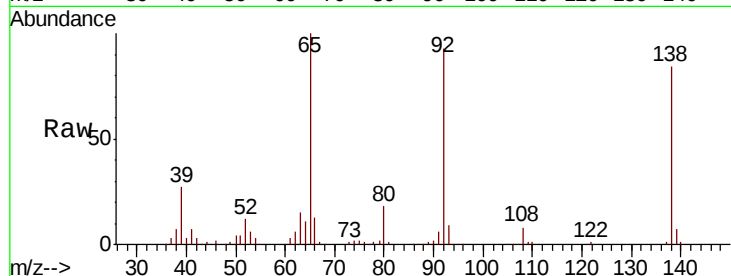




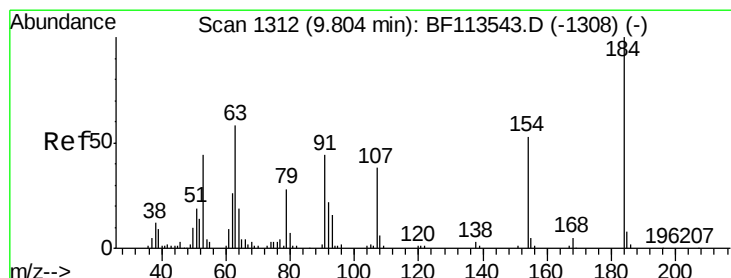
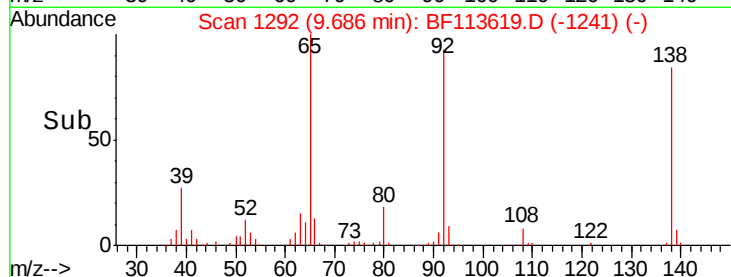
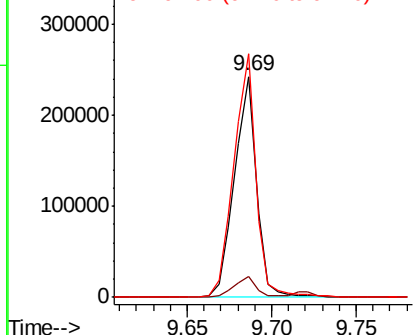
#53
3-Nitroaniline
Concen: 41.489 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:138 Resp: 221329
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.6
92 110.3 82.6 124.0

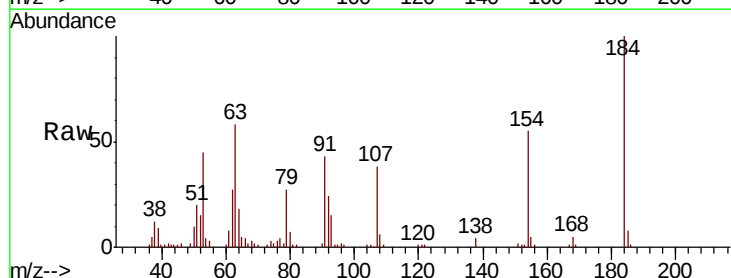


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

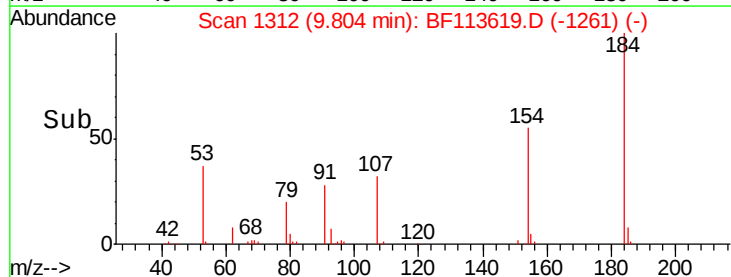
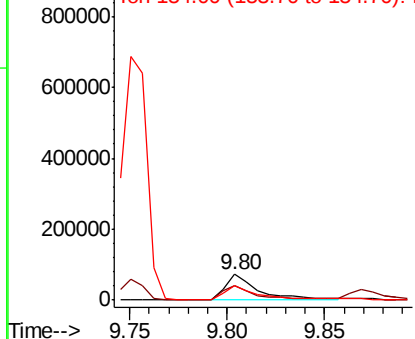


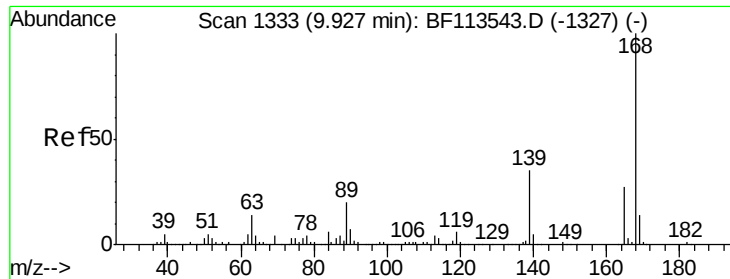
#54
2,4-Dinitrophenol
Concen: 40.081 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Tgt Ion:184 Resp: 87984
Ion Ratio Lower Upper
184 100
63 57.6 54.3 81.5
154 54.5 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

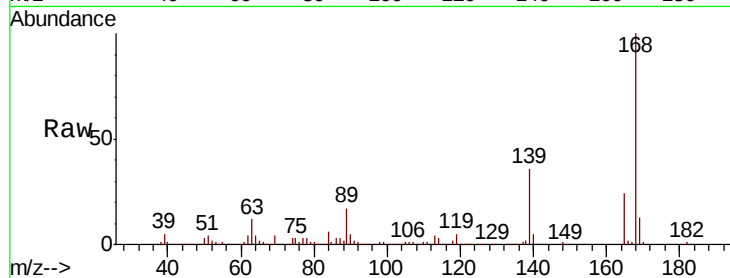




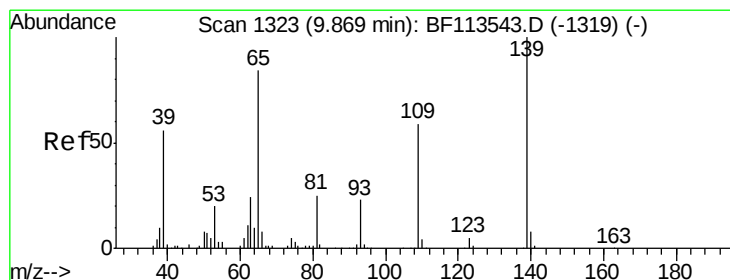
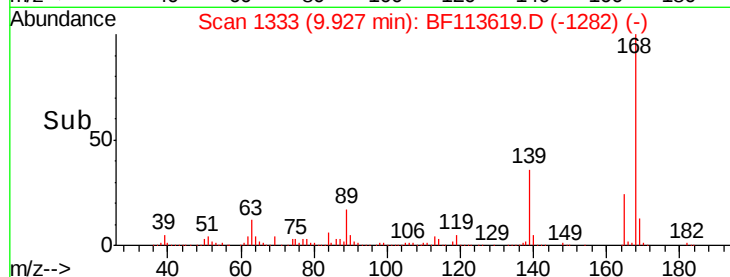
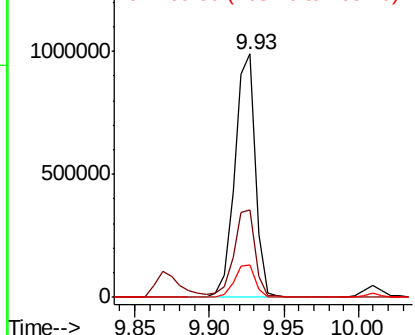
#55
Dibenzofuran
Concen: 39.129 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:168 Resp: 963937
Ion Ratio Lower Upper
168 100
139 36.0 29.7 44.5
169 13.3 10.7 16.1

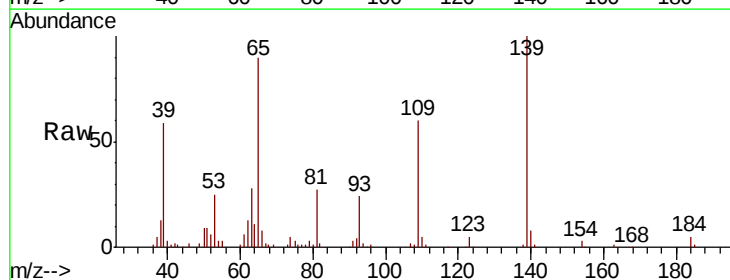


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

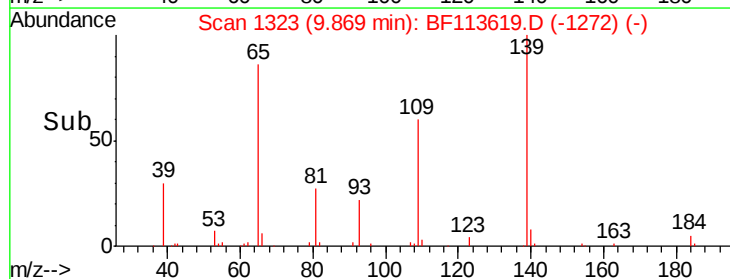
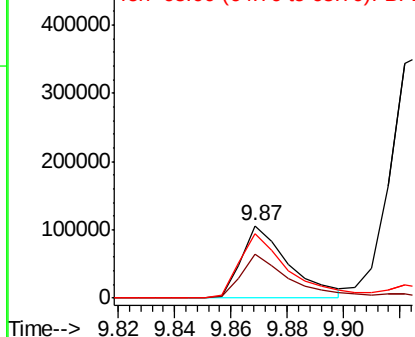


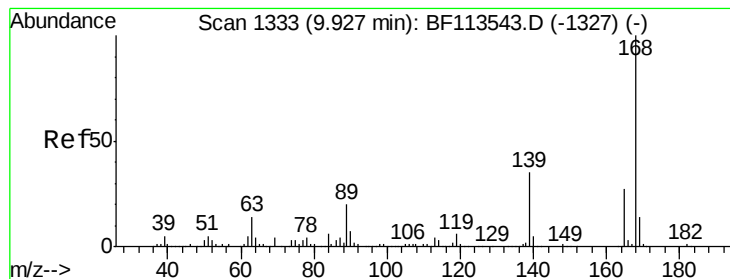
#56
4-Nitrophenol
Concen: 37.410 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Tgt Ion:139 Resp: 123798
Ion Ratio Lower Upper
139 100
109 60.3 46.9 86.9
65 89.6 77.2 117.2



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

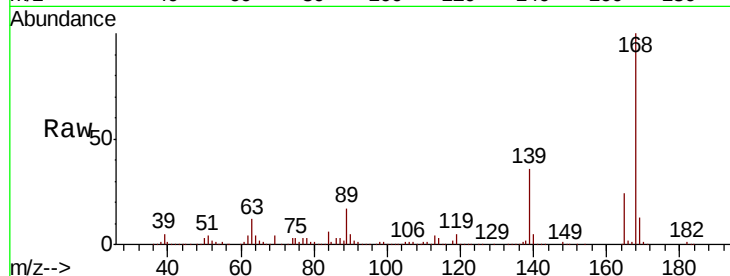




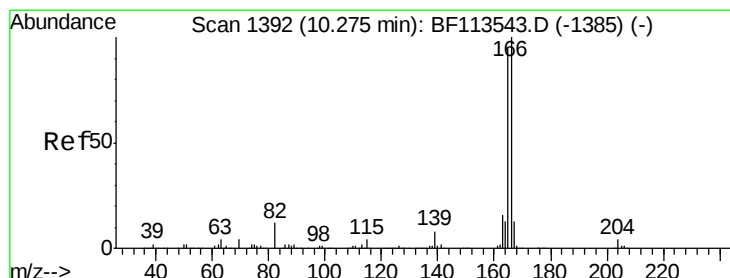
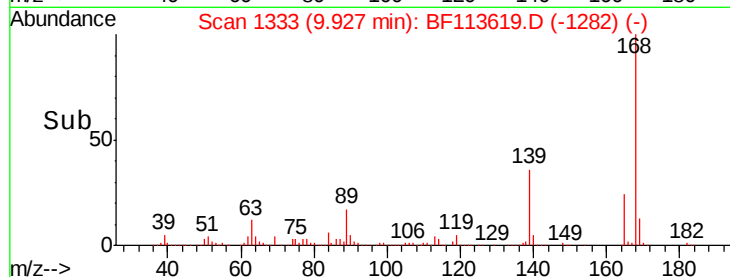
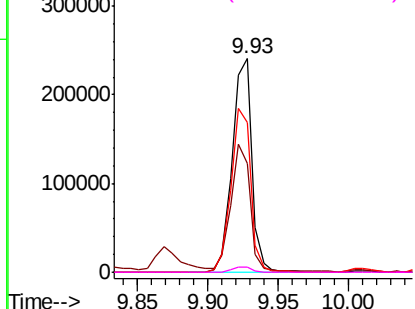
#57
 2,4-Dinitrotoluene
 Concen: 40.981 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BF113619.D
 Acq: 5 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.0	37.5	56.3
89	70.1	57.4	86.2
182	2.3	2.0	3.0

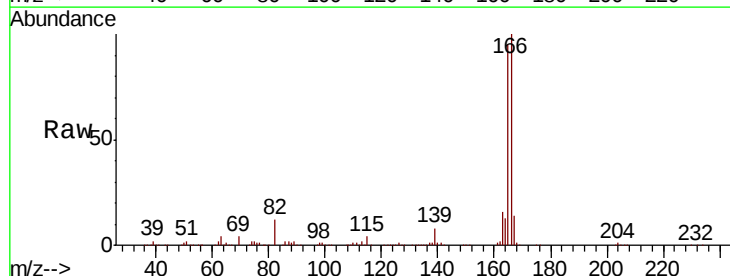


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

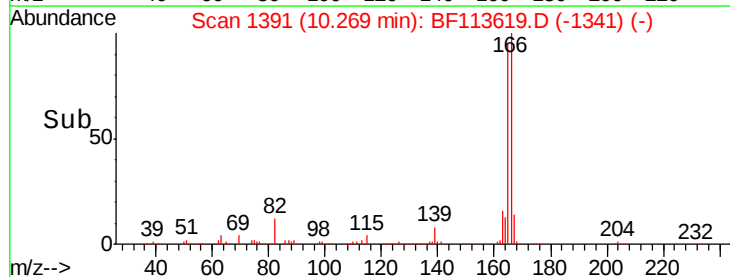
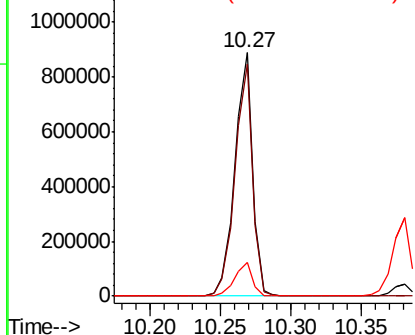


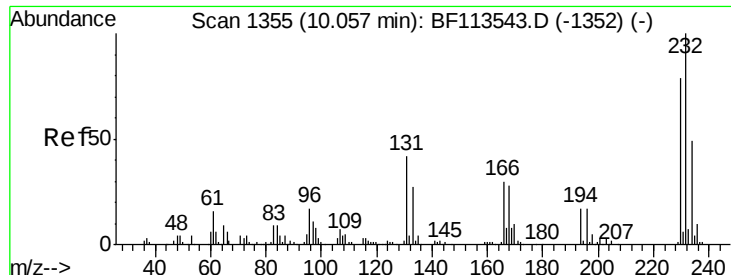
#58
 Fluorene
 Concen: 39.865 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF113619.D
 Acq: 5 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.3	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

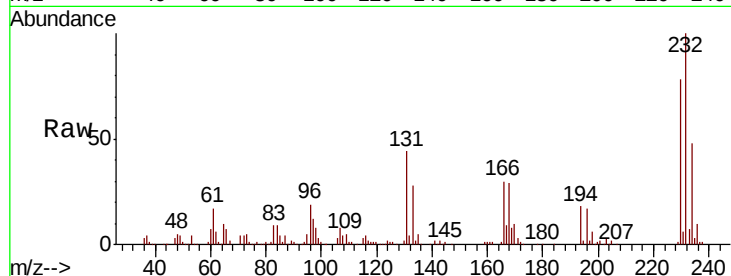




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.939 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.3	33.2	49.8
130	1.8	1.6	2.4
166	26.4	21.0	31.6



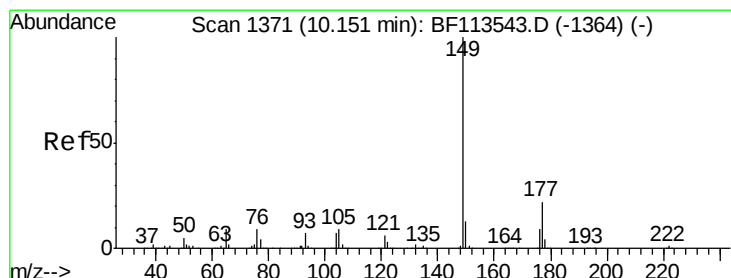
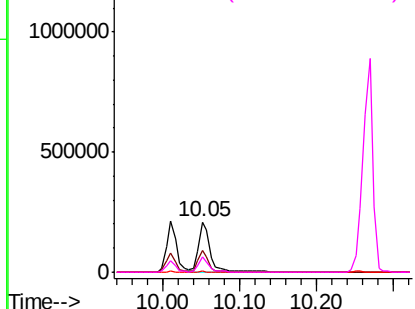
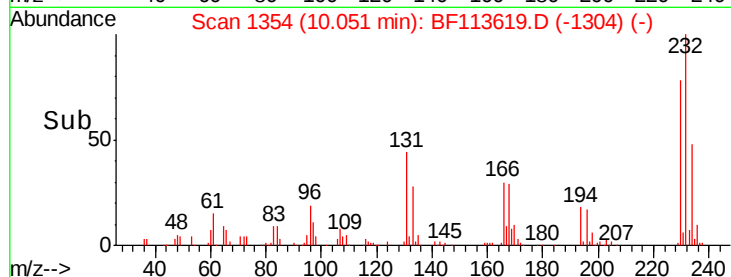
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

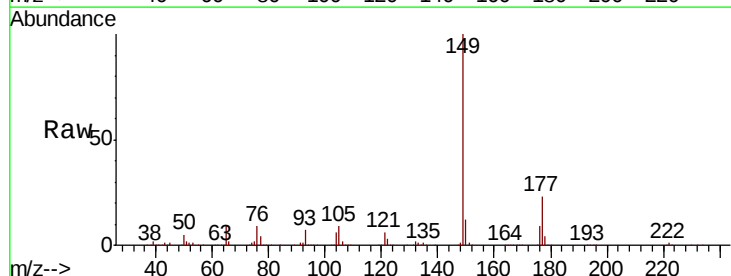
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.132 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.4	26.0
150	12.4	10.0	15.0

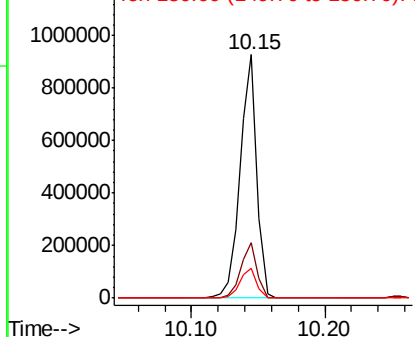
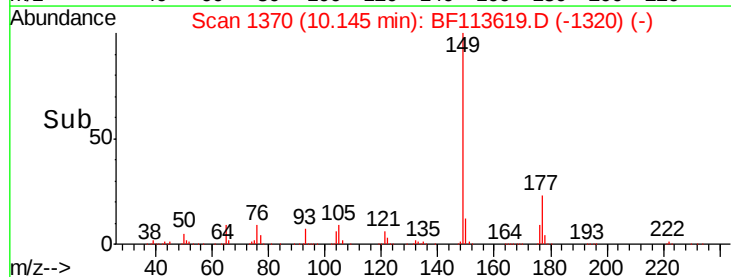


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

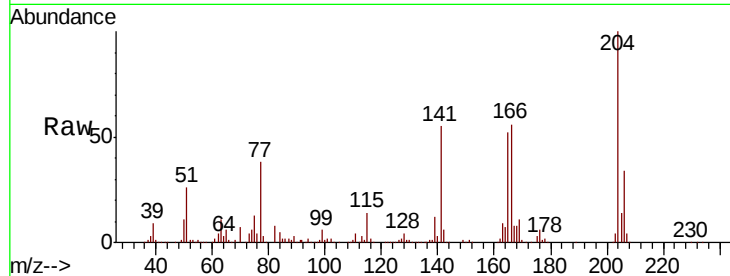




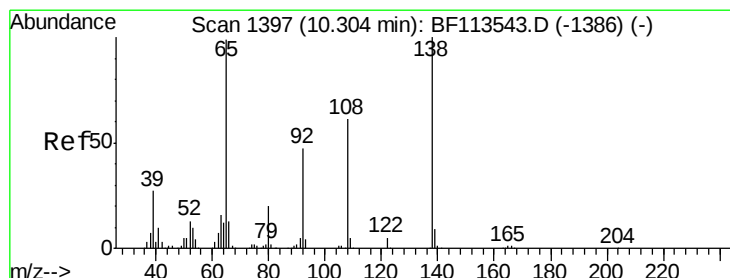
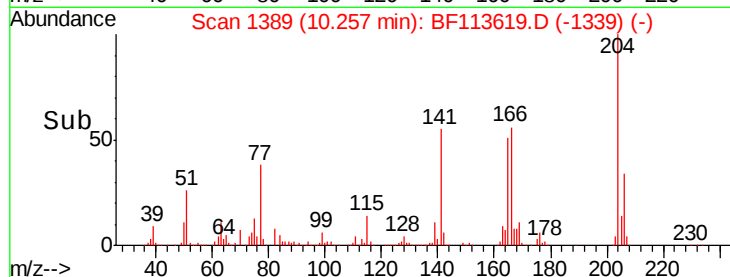
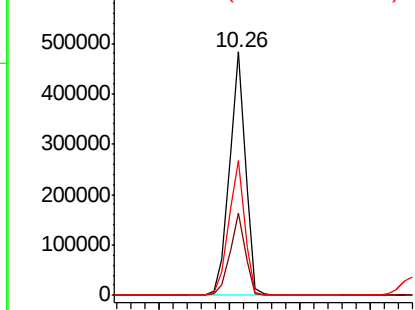
#61
4-Chlorophenyl-phenylether
Concen: 39.656 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:204 Resp: 380051
Ion Ratio Lower Upper
204 100
206 33.6 26.9 40.3
141 55.1 48.8 73.2

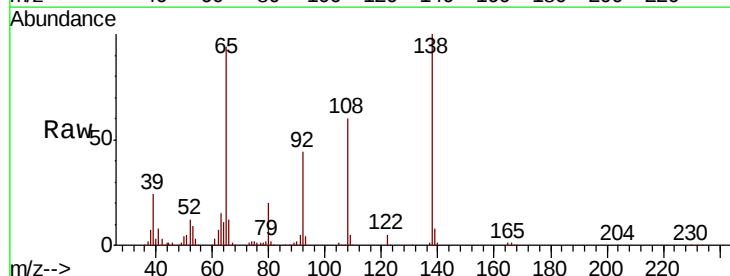


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

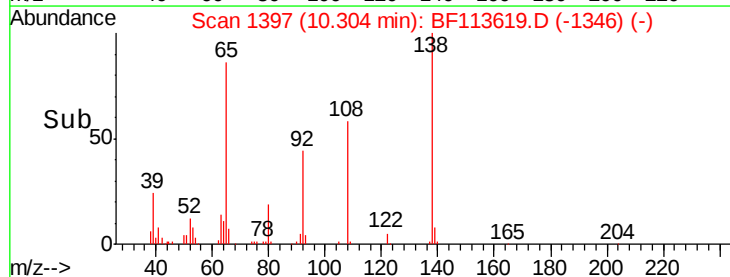
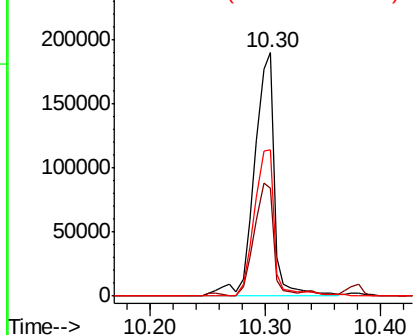


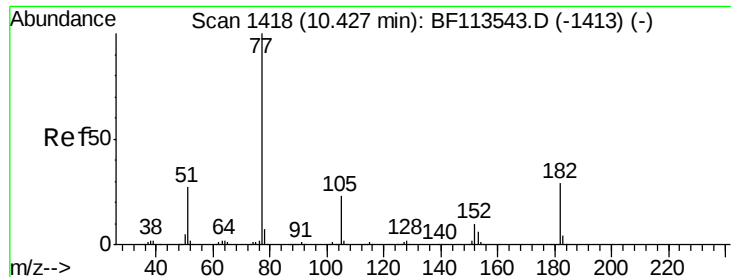
#62
4-Nitroaniline
Concen: 42.697 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Tgt Ion:138 Resp: 231620
Ion Ratio Lower Upper
138 100
92 44.1 25.8 65.8
108 60.1 44.0 84.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

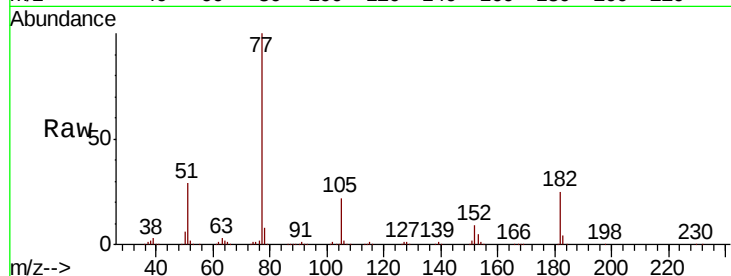




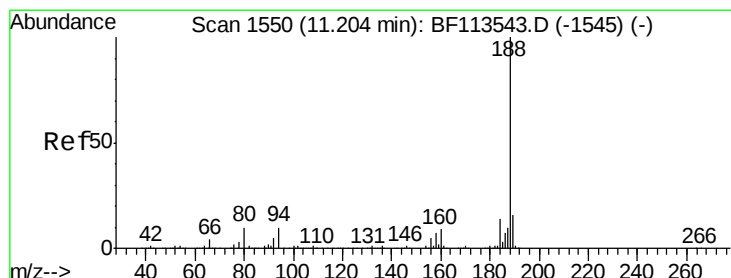
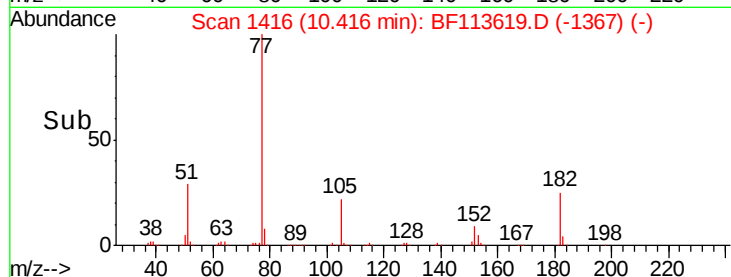
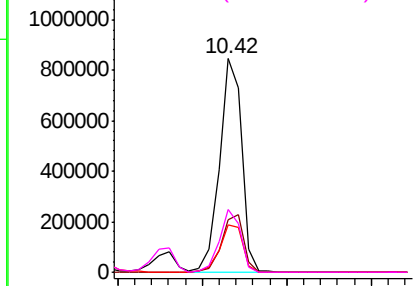
#63
Azobenzene
Concen: 39.644 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	77	Resp:	770372
Ion	Ratio	Lower	Upper
77	100		
182	24.5	8.7	48.7
105	22.3	2.9	42.9
51	29.2	8.8	48.8

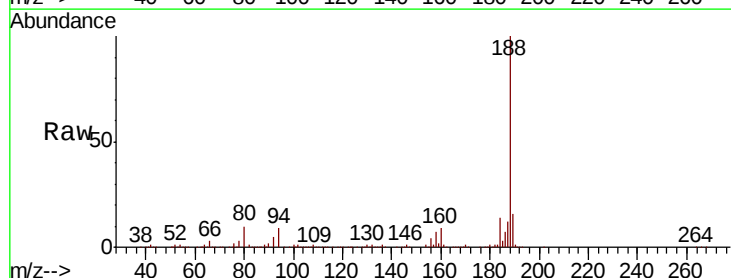


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

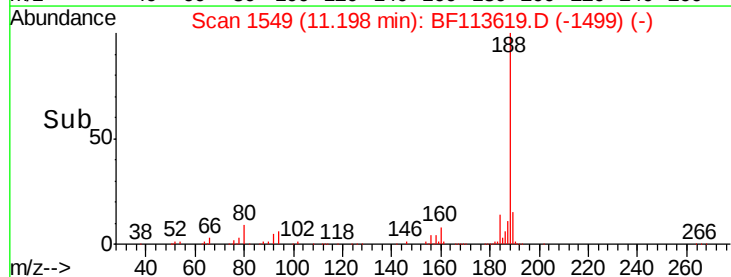
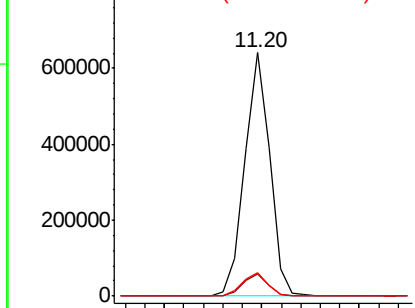


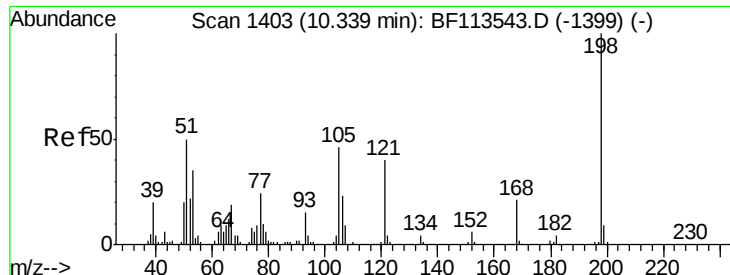
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Tgt Ion:	188	Resp:	571320
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	9.6	7.7	11.5



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

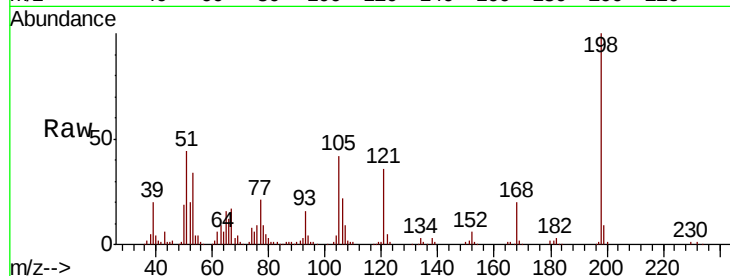




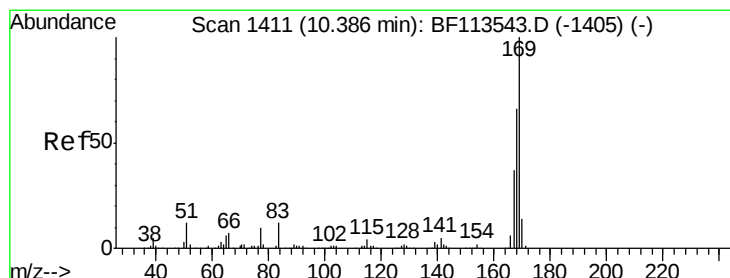
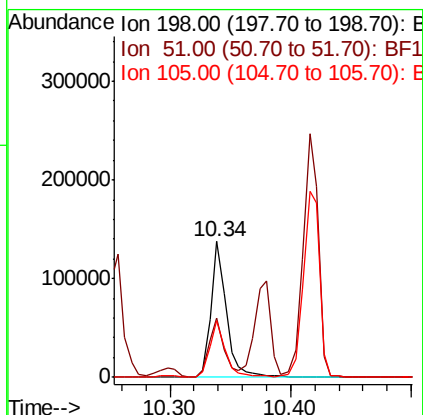
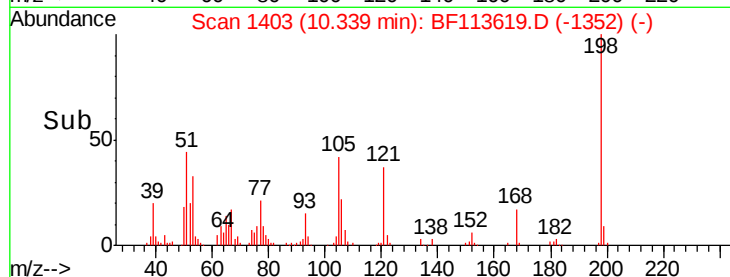
#65
4,6-Dinitro-2-methylphenol
Concen: 40.652 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:198 Resp: 122270
Ion Ratio Lower Upper
198 100
51 44.2 21.6 61.6
105 41.7 20.6 60.6

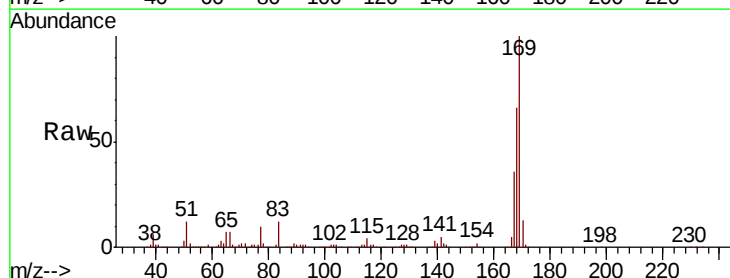


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

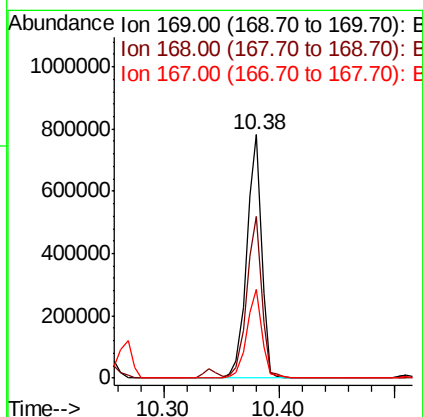
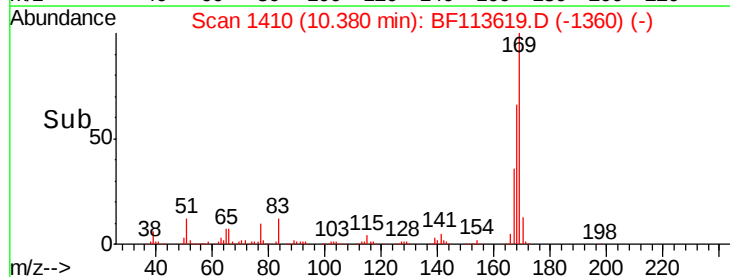


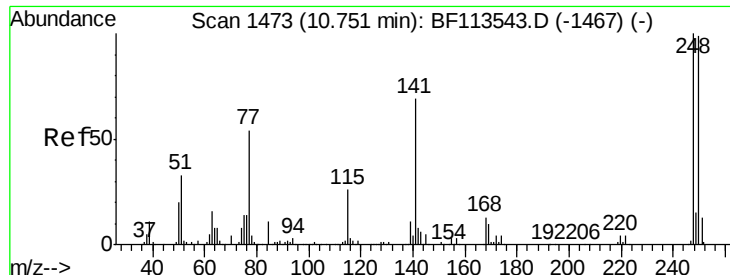
#66
n-Nitrosodiphenylamine
Concen: 39.693 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Tgt Ion:169 Resp: 696190
Ion Ratio Lower Upper
169 100
168 66.3 53.7 80.5
167 36.4 29.5 44.3



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

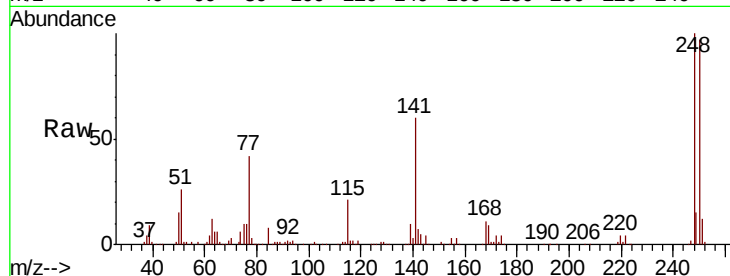




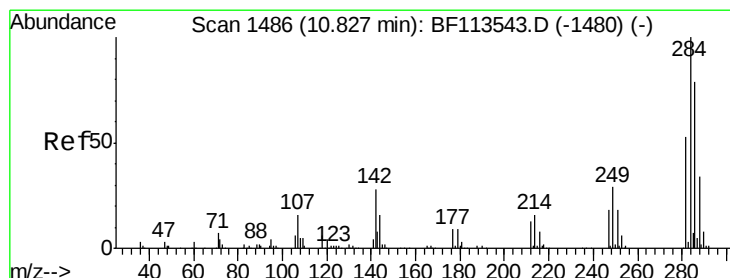
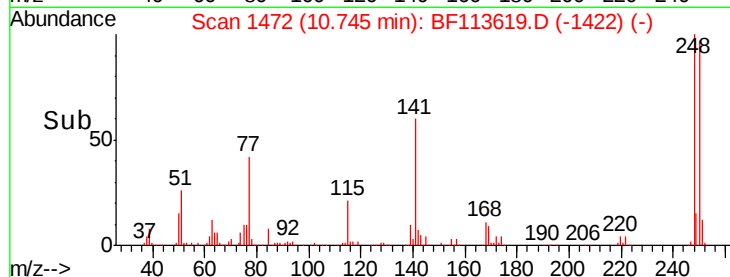
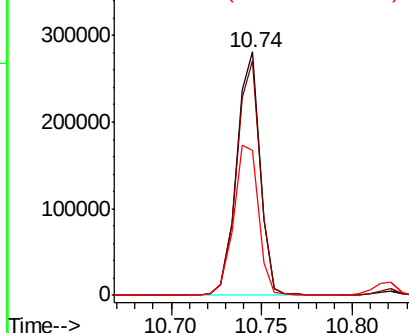
#67
4-Bromophenyl-phenylether
Concen: 39.362 ng
RT: 10.74 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:248 Resp: 252214
Ion Ratio Lower Upper
248 100
250 96.6 78.3 117.5
141 59.8 56.2 84.4

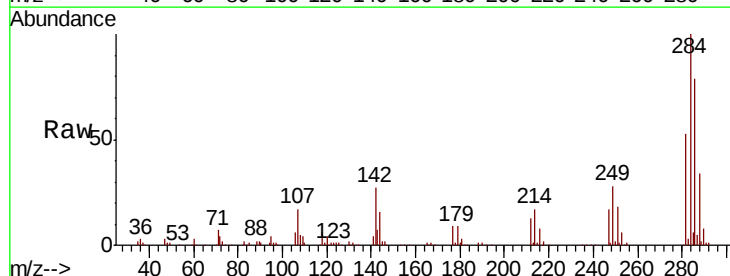


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

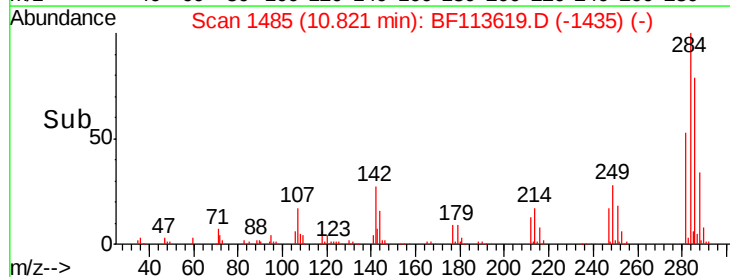
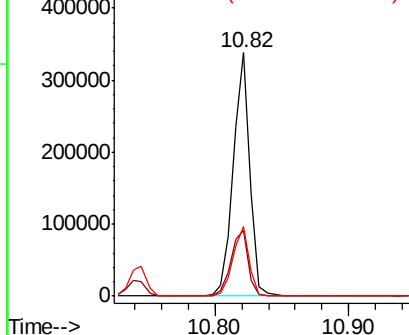


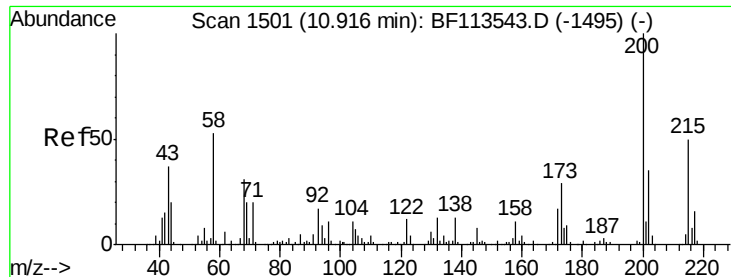
#68
Hexachlorobenzene
Concen: 39.981 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Tgt Ion:284 Resp: 293542
Ion Ratio Lower Upper
284 100
142 27.0 20.1 30.1
249 28.4 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

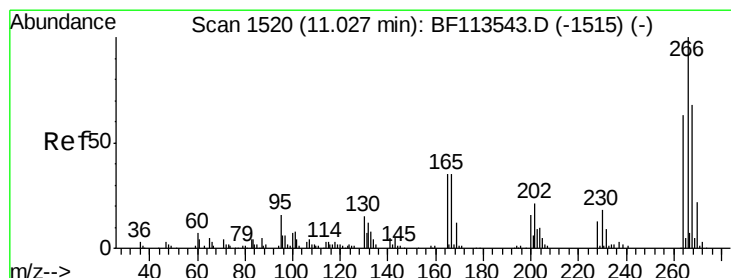
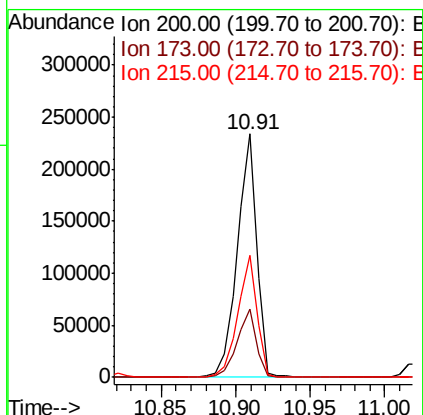
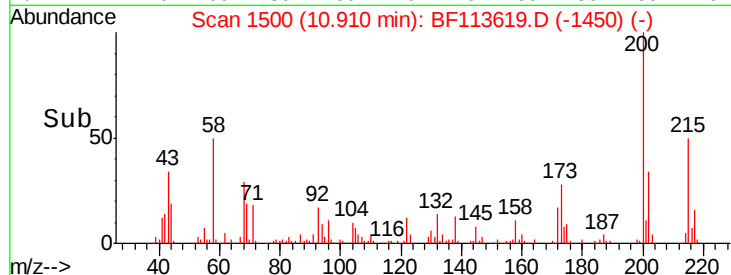
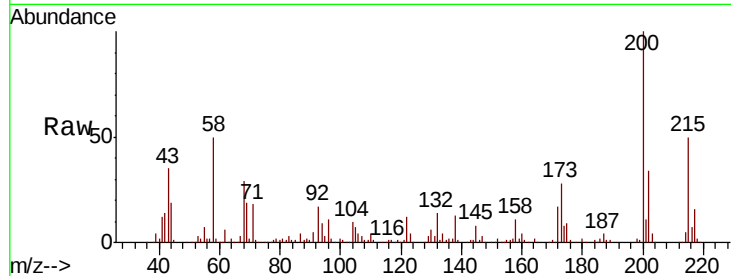




#69
 Atrazine
 Concen: 38.827 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF113619.D
 Acq: 5 Apr 2019 16:55

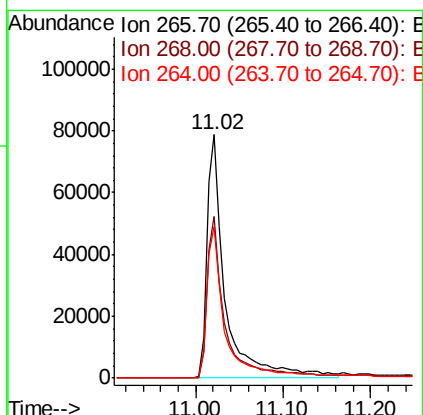
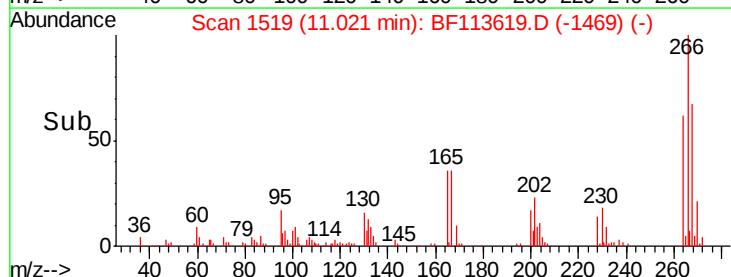
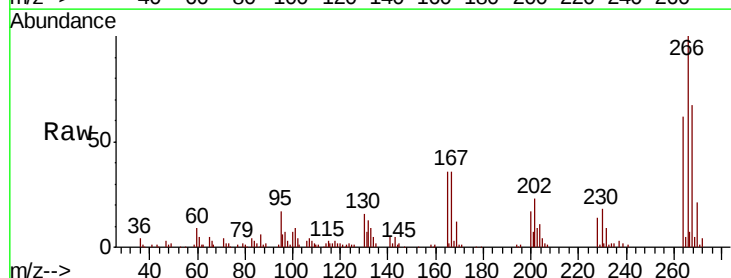
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

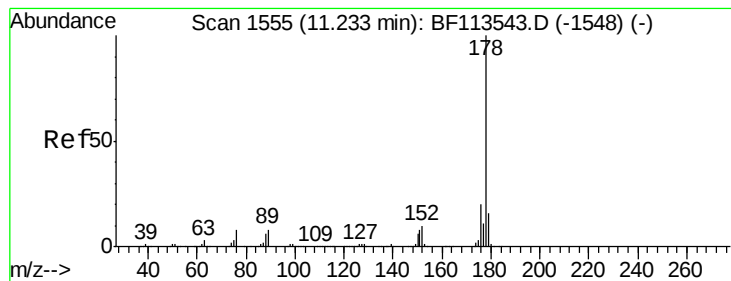
Tot Ion:200 Resp: 214646
 Ion Ratio Lower Upper
 200 100
 173 28.1 6.0 46.0
 215 50.2 31.3 71.3



#70
 Pentachlorophenol
 Concen: 33.174 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF113619.D
 Acq: 5 Apr 2019 16:55

Tgt Ion:266 Resp: 114768
 Ion Ratio Lower Upper
 266 100
 268 66.6 53.8 80.6
 264 62.1 49.2 73.8





#71

Phenanthrene

Concen: 39.729 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

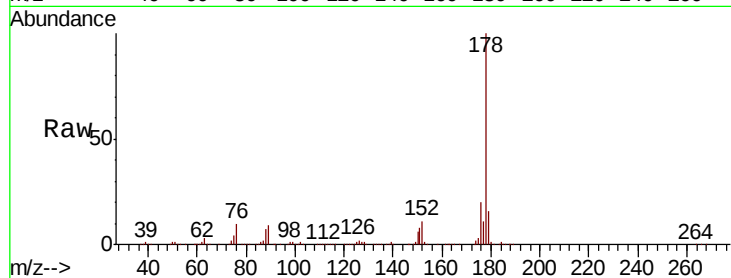
Tot Ion:178 Resp: 1127873

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.2

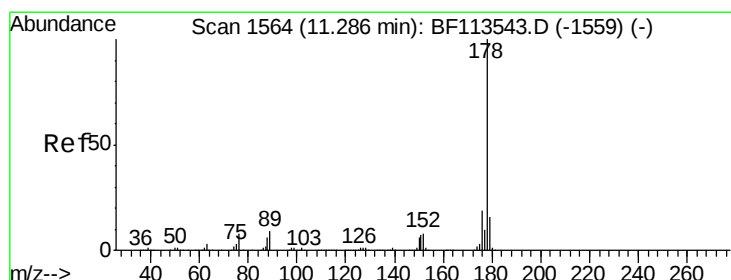
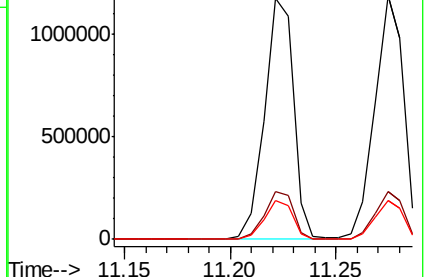
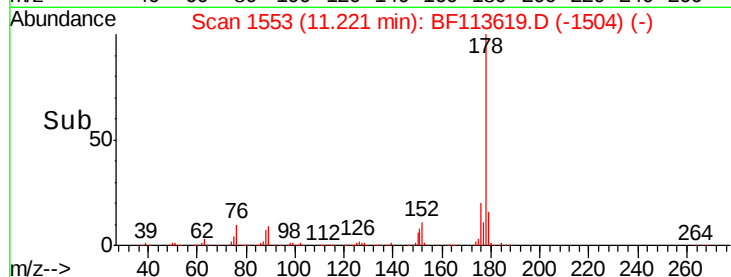
179 16.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.931 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.01 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

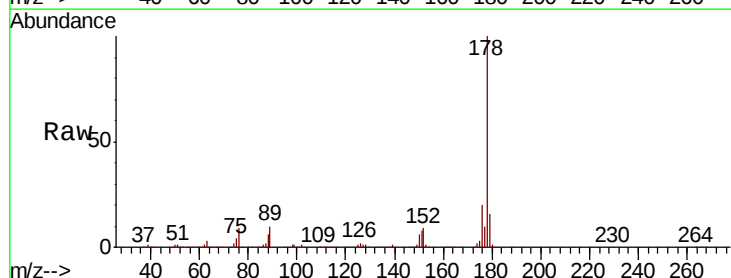
Tgt Ion:178 Resp: 1153374

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

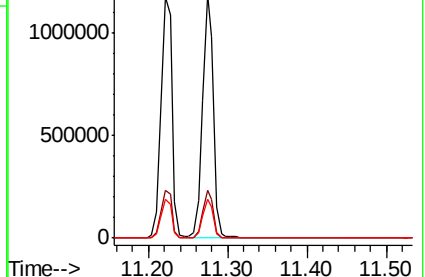
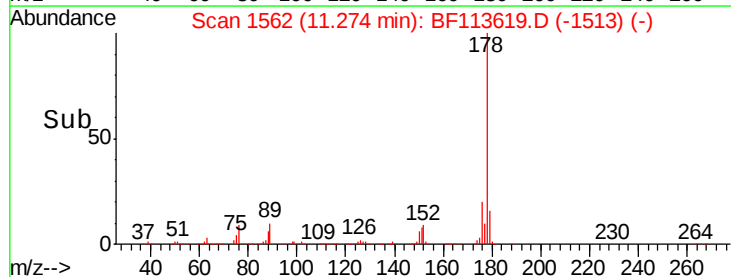
179 16.0 12.8 19.2

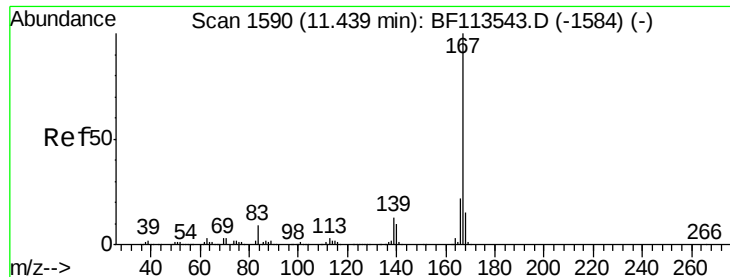


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.505 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

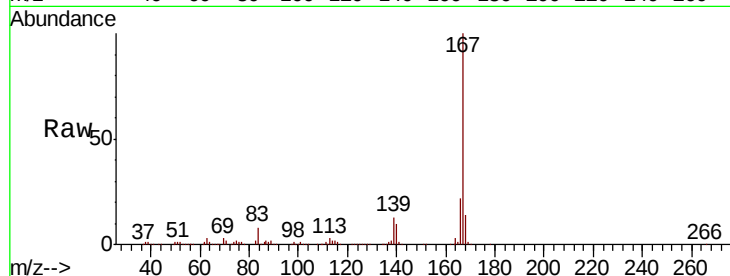
Tot Ion:167 Resp: 1121234

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

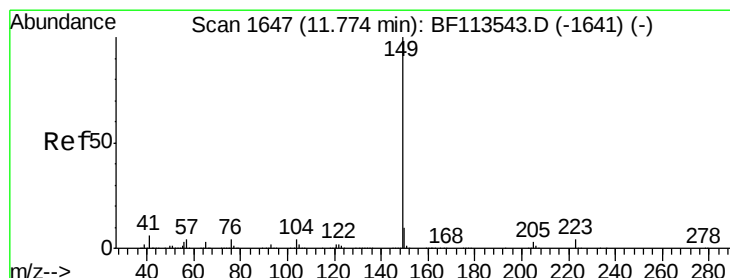
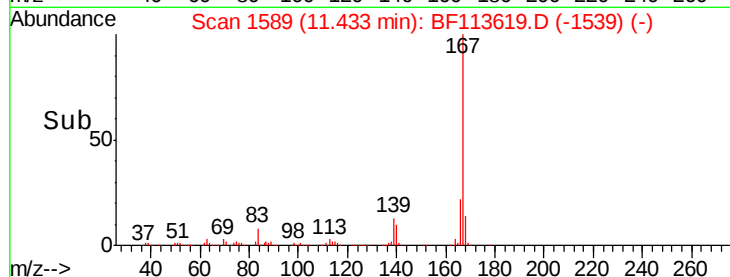
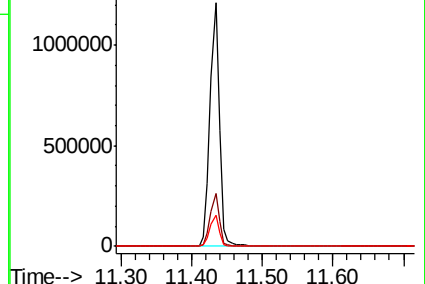
139 12.7 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.855 ng

RT: 11.76 min Scan# 1644

Delta R.T. -0.02 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

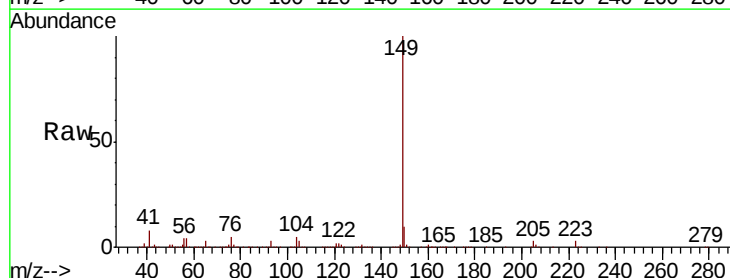
Tgt Ion:149 Resp: 1248642

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

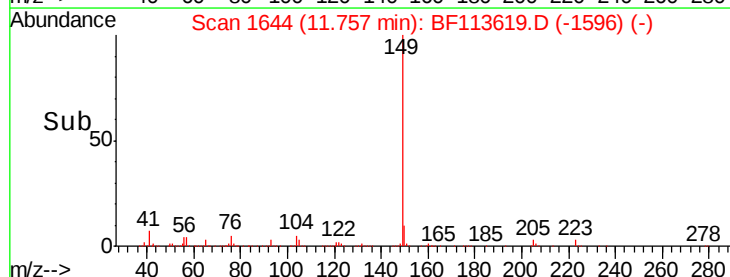
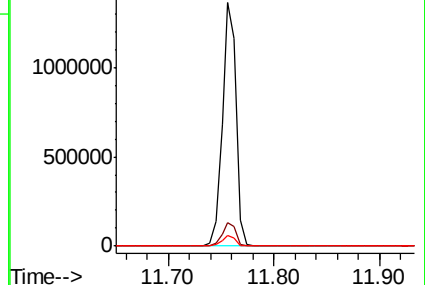
104 4.6 3.7 5.5

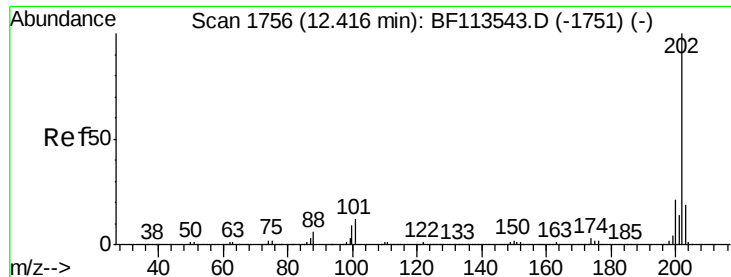


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.900 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

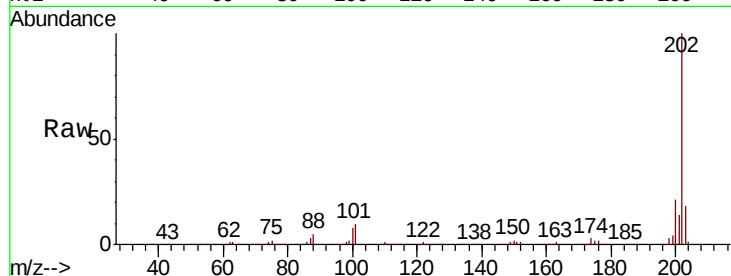
Tot Ion:202 Resp: 1244225

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.4
203	18.0	0.0	38.0

202 100

101 10.4 0.0 31.4

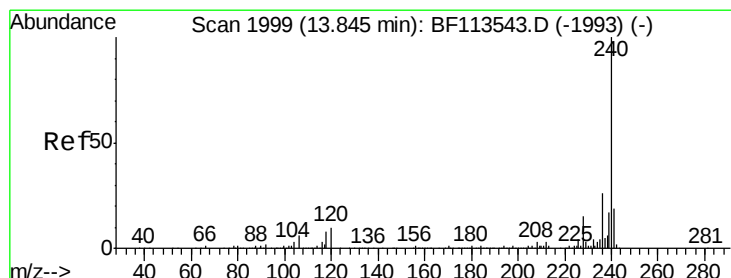
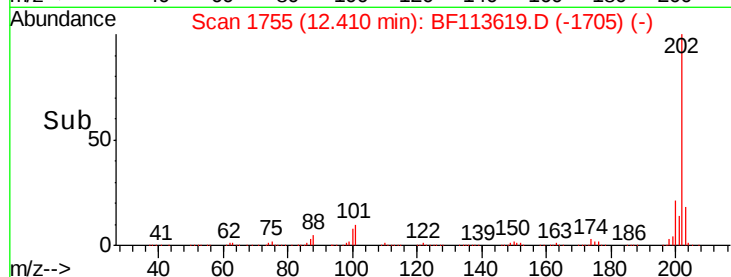
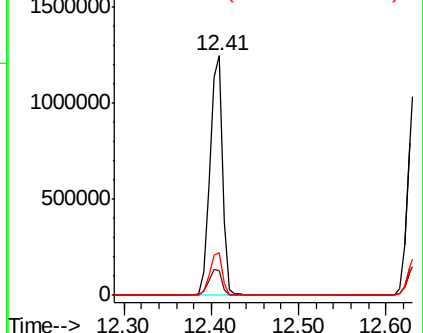
203 18.0 0.0 38.0



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# 1997

Delta R.T. -0.01 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

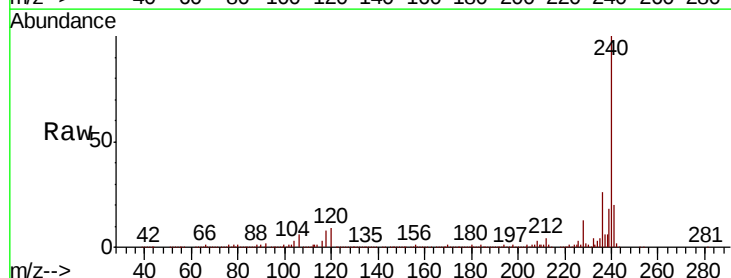
Tgt Ion:240 Resp: 411333

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.8	13.2
236	26.0	20.9	31.3

240 100

120 9.5 8.8 13.2

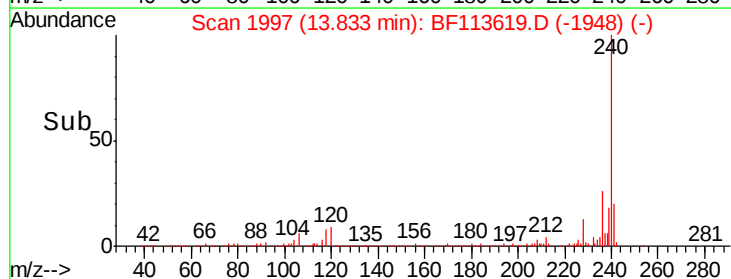
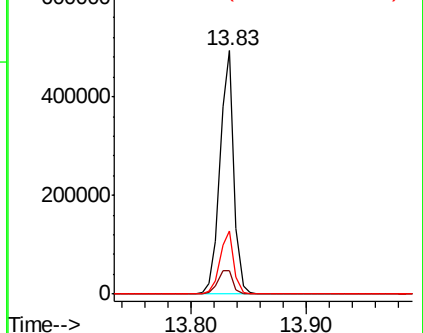
236 26.0 20.9 31.3

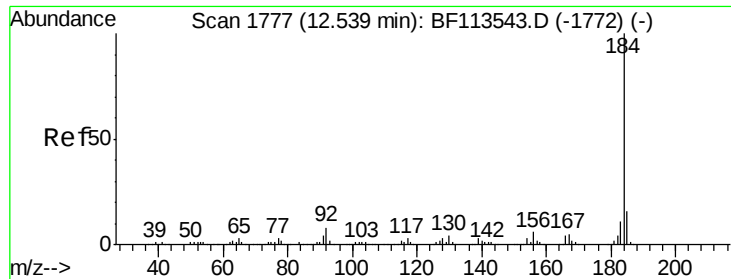


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.043 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

Instrument :

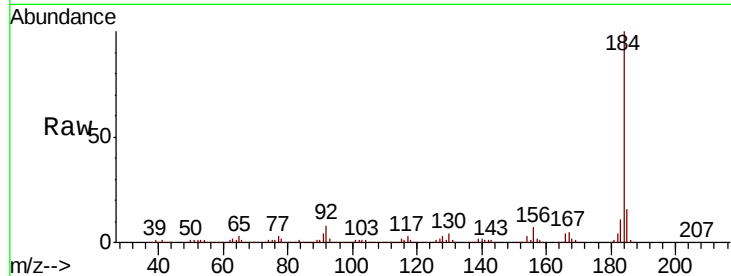
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:184 Resp: 581917

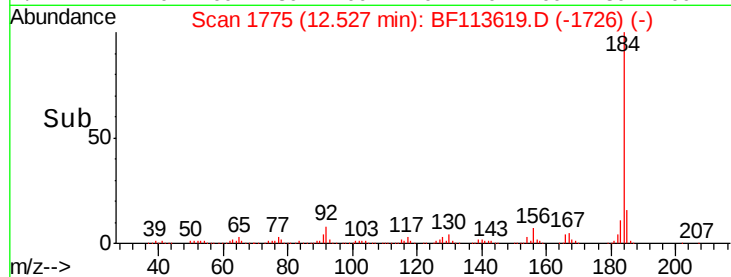
Ion	Ratio	Lower	Upper
184	100		
185	16.2	13.0	19.6
183	10.8	9.0	13.4



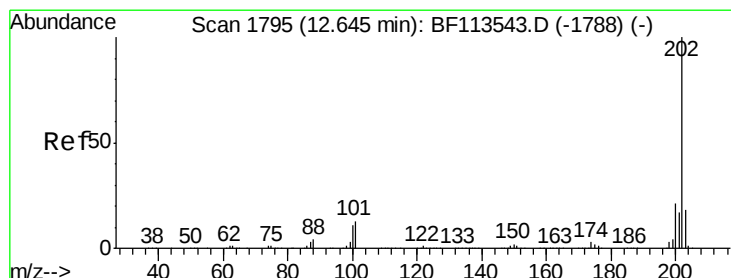
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 39.783 ng

RT: 12.63 min Scan# 1793

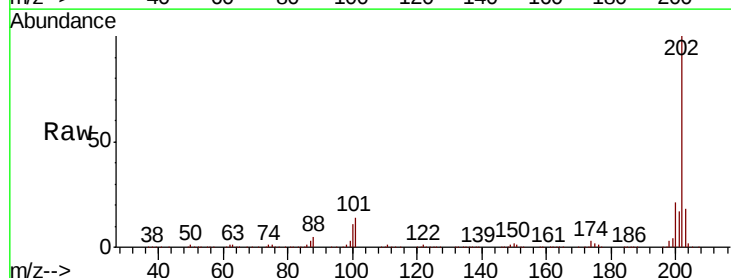
Delta R.T. -0.01 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

Tgt Ion:202 Resp: 1245111

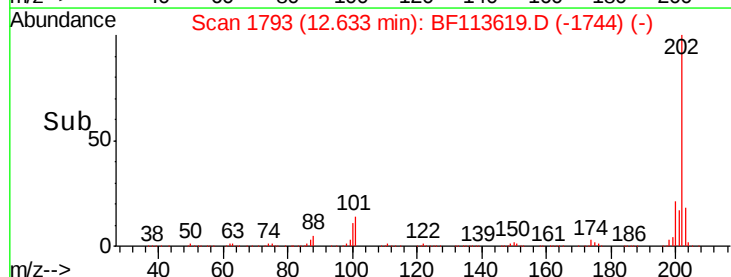
Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	18.3	14.4	21.6



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



Time-->



#79

Terphenyl-d14

Concen: 77.461 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

Instrument :

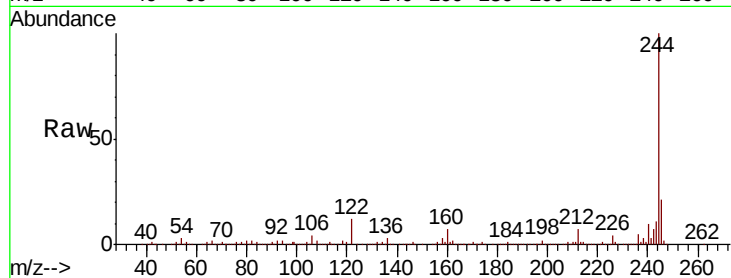
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 1564927

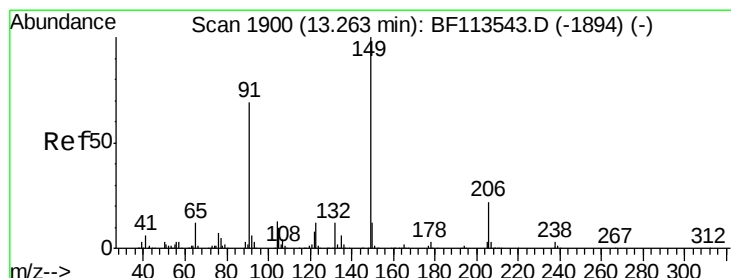
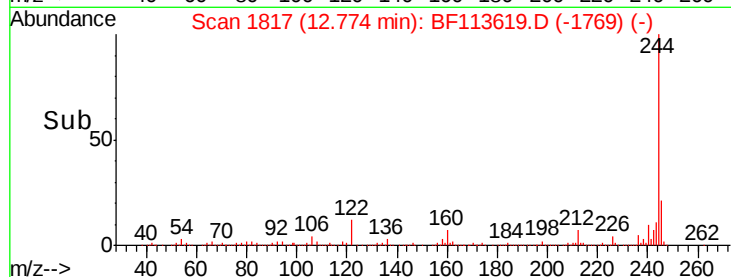
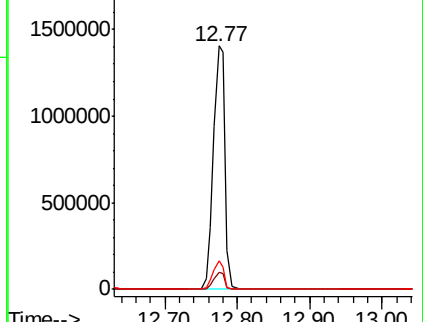
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	11.6	8.6	13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.550 ng

RT: 13.24 min Scan# 1897

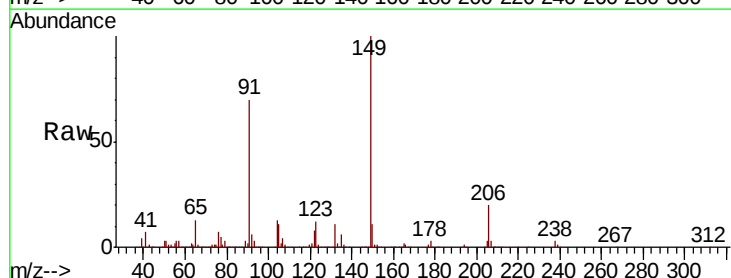
Delta R.T. -0.02 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

Tgt Ion:149 Resp: 516608

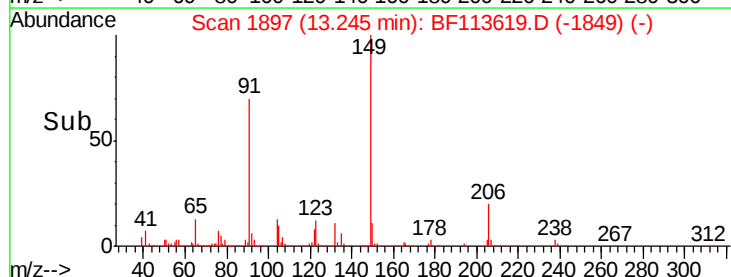
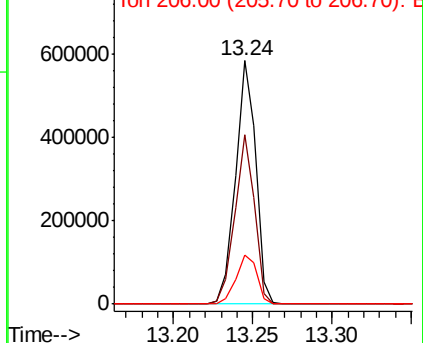
Ion	Ratio	Lower	Upper
149	100		
91	69.8	55.2	82.8
206	20.3	16.1	24.1



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: 40.995 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

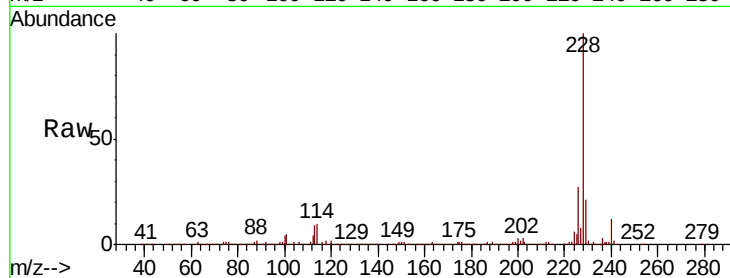
Tot Ion:228 Resp: 972737

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

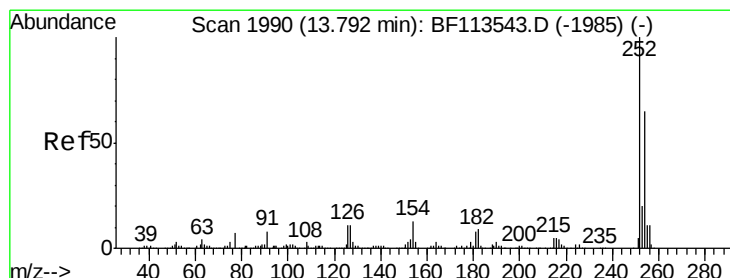
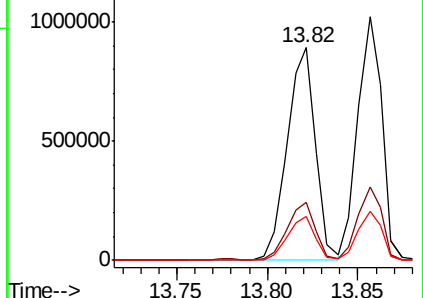
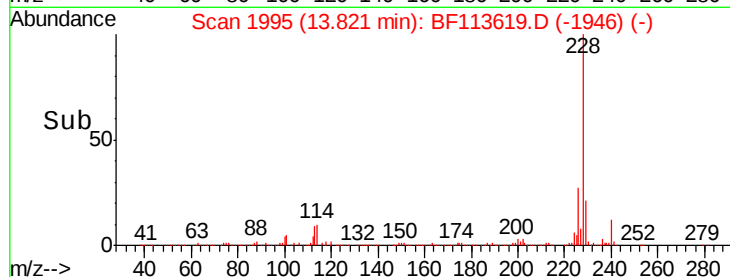
229 20.6 16.2 24.4



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: 41.587 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

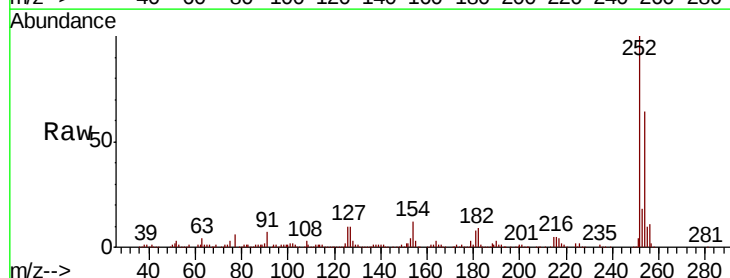
Tgt Ion:252 Resp: 380074

Ion Ratio Lower Upper

252 100

254 64.2 52.2 78.2

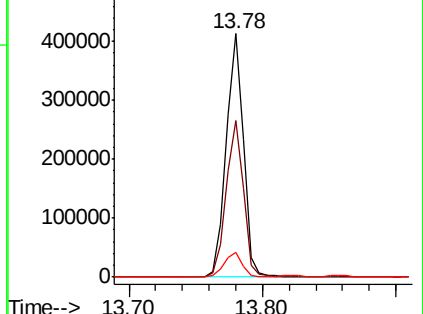
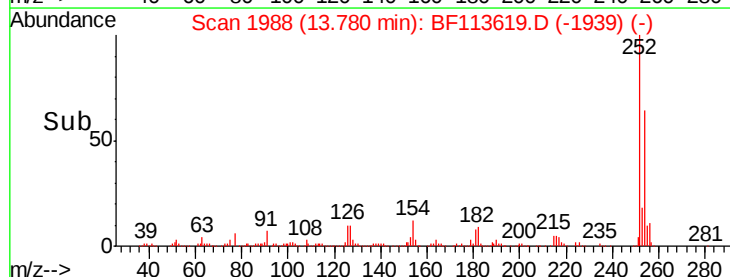
126 10.3 8.5 12.7

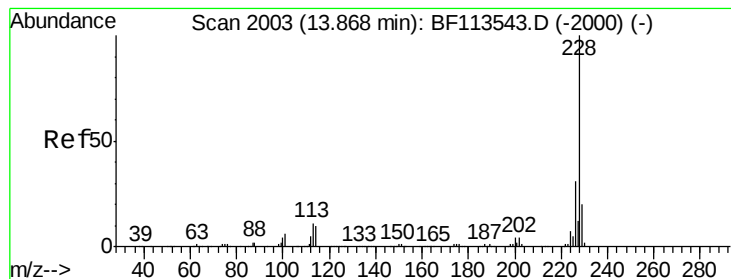


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.840 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

Instrument :

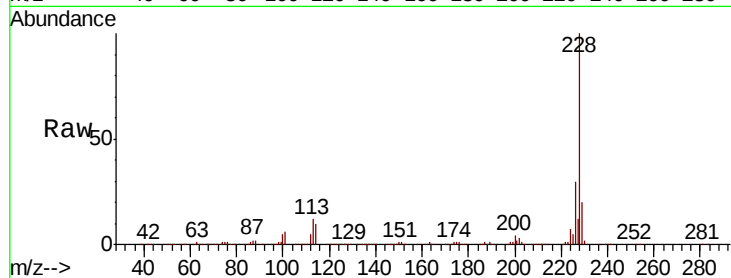
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 958285

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	20.1	16.3	24.5

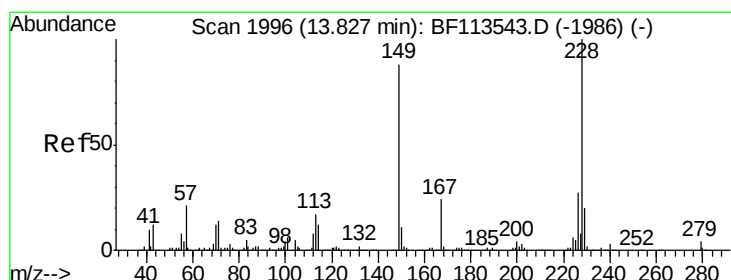
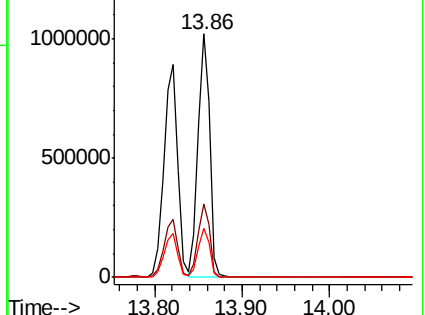
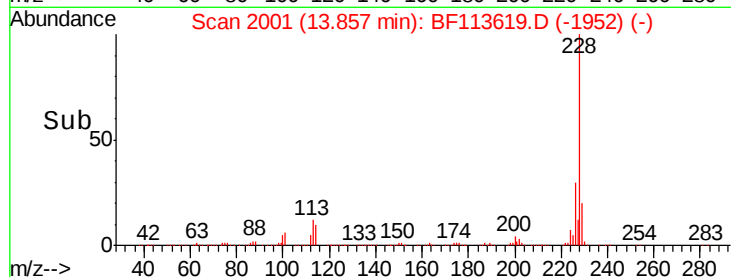


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.462 ng

RT: 13.80 min Scan# 1992

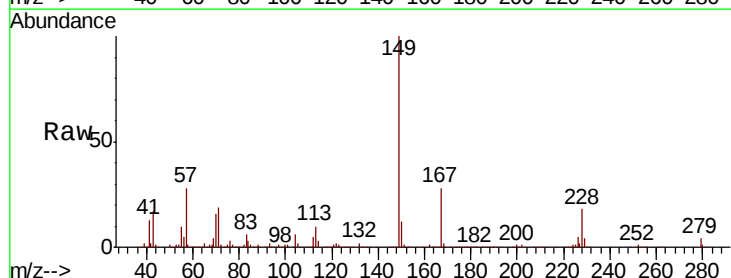
Delta R.T. -0.02 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

Tgt Ion:149 Resp: 638662

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.8	32.8
279	3.7	2.9	4.3

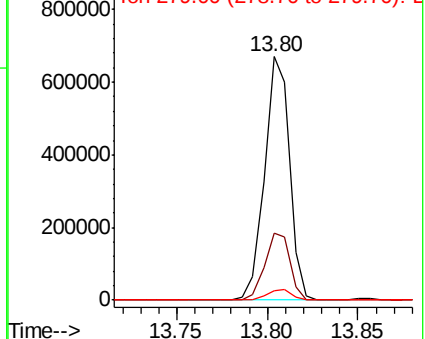
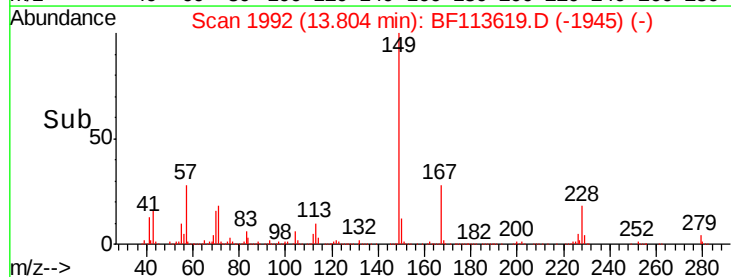


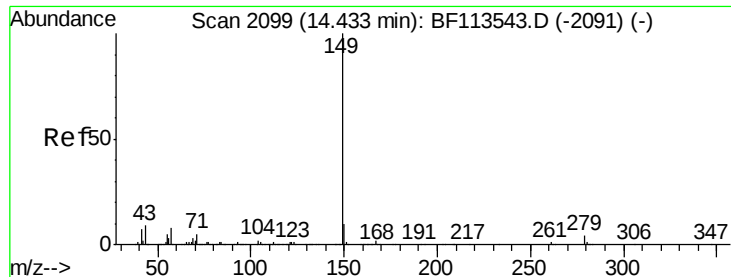
Abundance

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

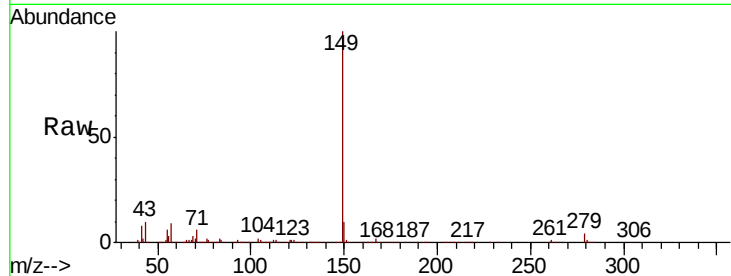




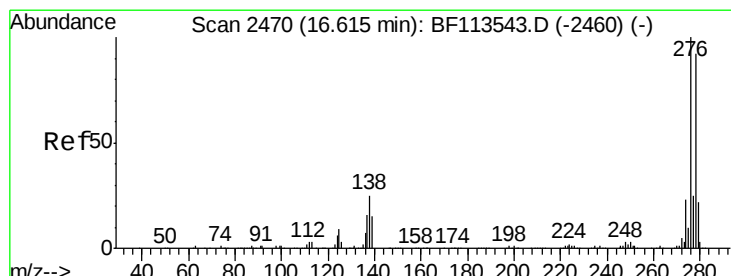
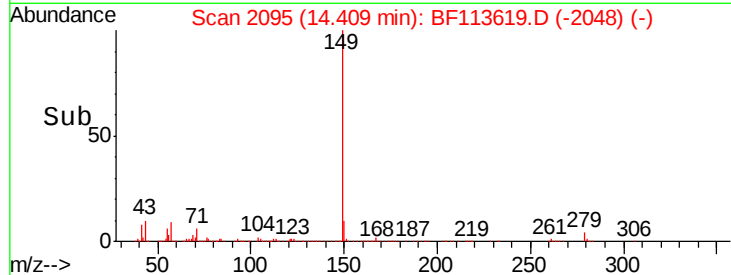
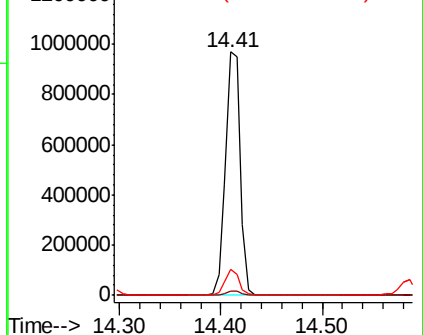
#85
Di-n-octyl phthalate
Concen: 39.007 ng
RT: 14.41 min Scan# 2095
Delta R.T. -0.02 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	7.7	11.5

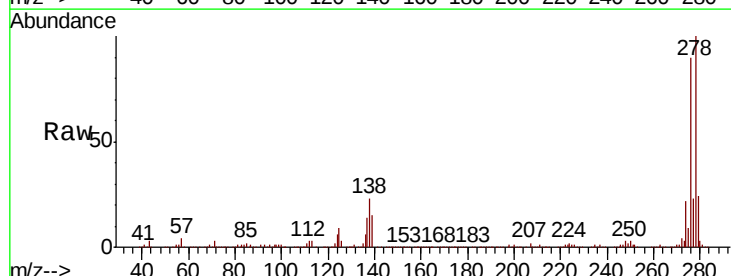


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

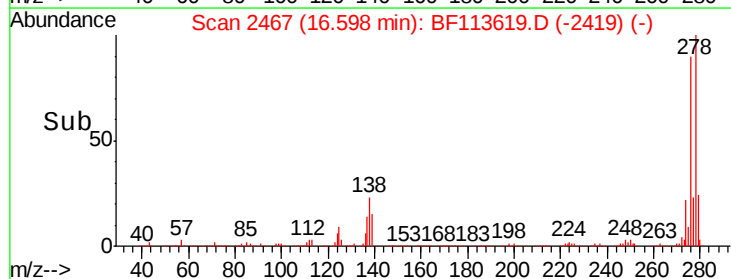
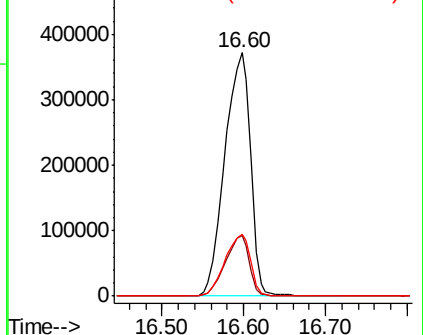


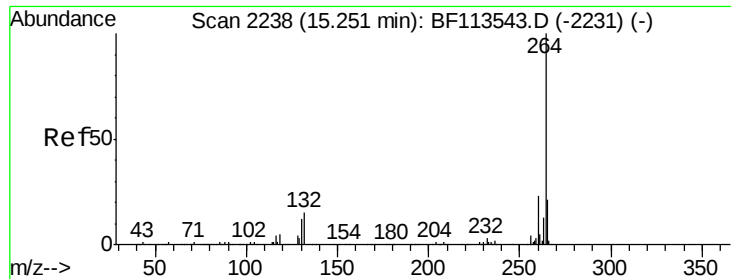
#86
Indeno(1,2,3-cd)pyrene
Concen: 36.827 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.02 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.1	27.1
277	25.2	20.2	30.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

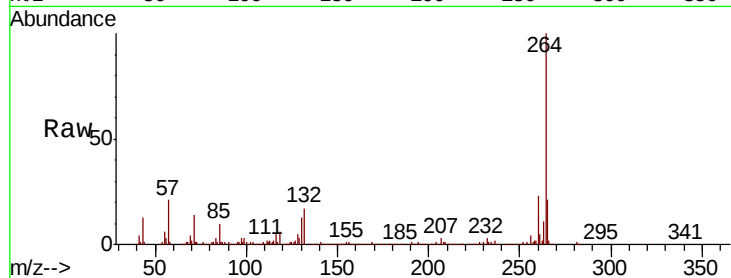
Tot Ion:264 Resp: 327684

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

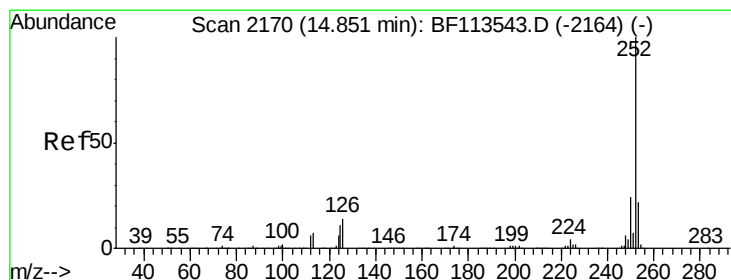
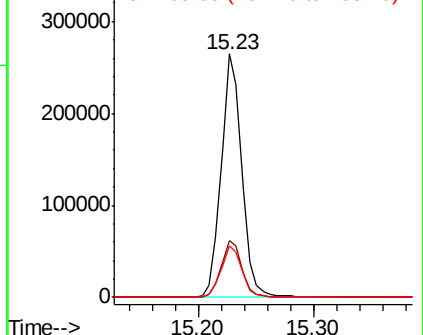
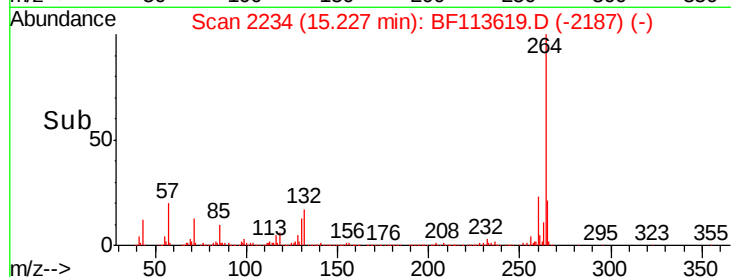
265 21.4 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.702 ng

RT: 14.84 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BF113619.D

Acq: 5 Apr 2019 16:55

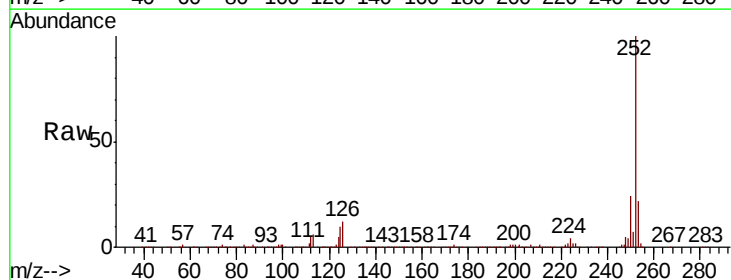
Tgt Ion:252 Resp: 836472

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

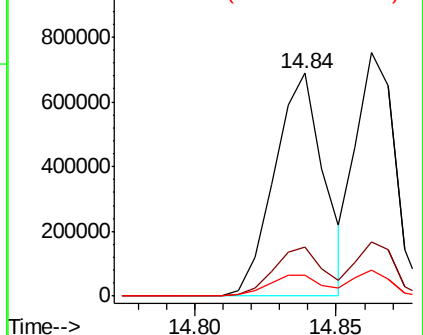
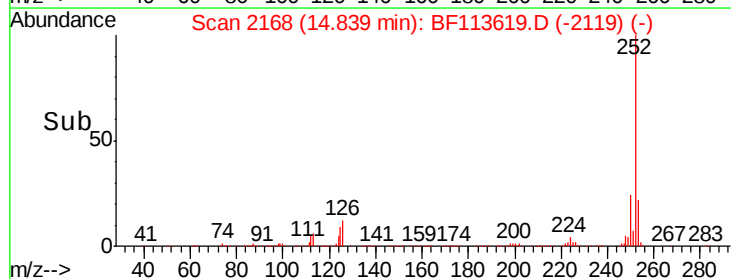
125 9.6 7.6 11.4

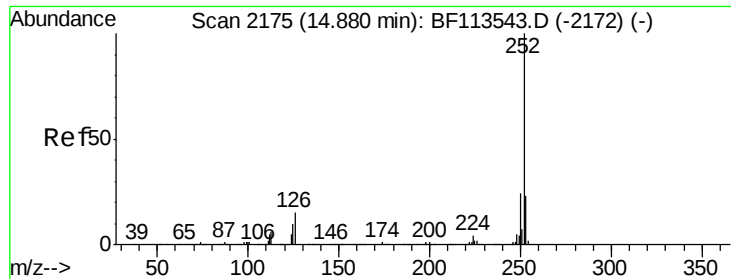


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

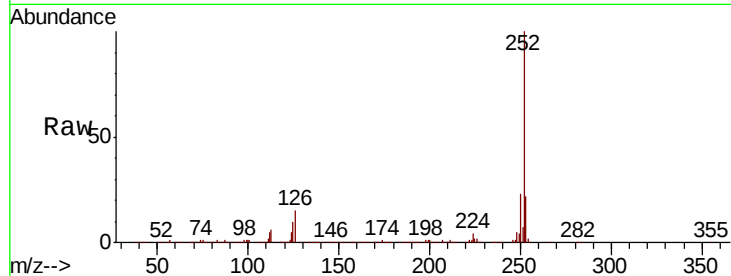




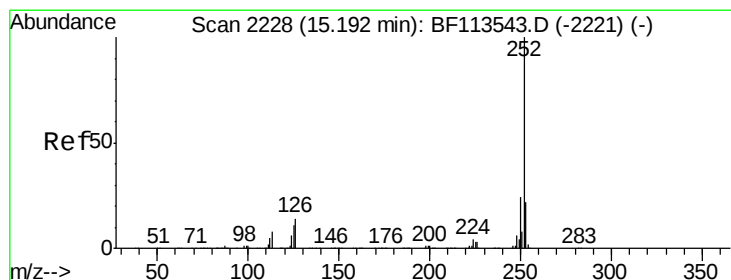
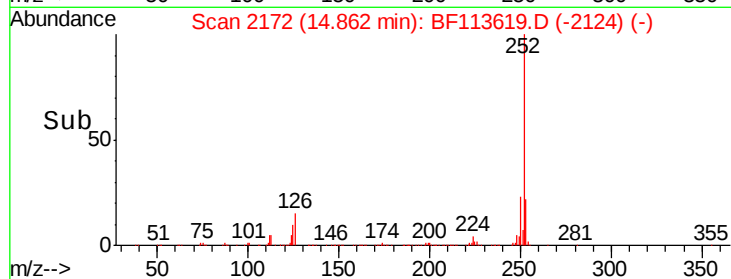
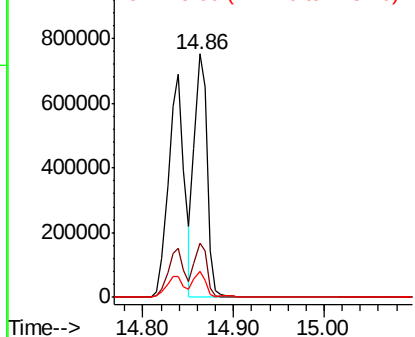
#89
Benzo(k)fluoranthene
Concen: 40.362 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 726583
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.5 7.3 10.9

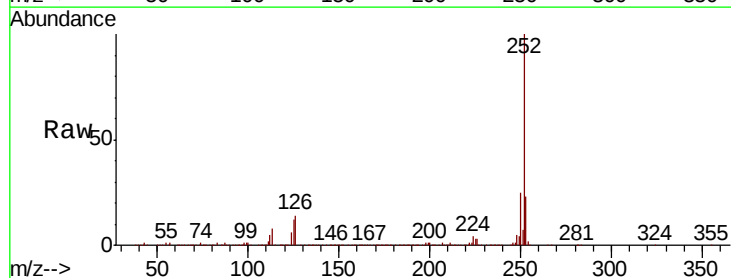


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

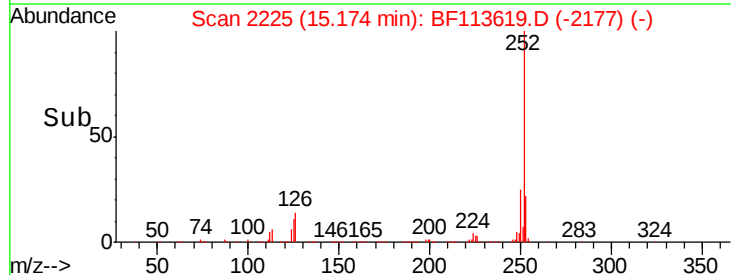
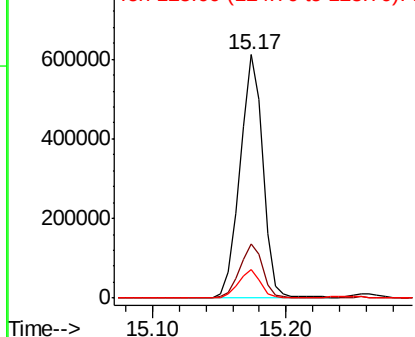


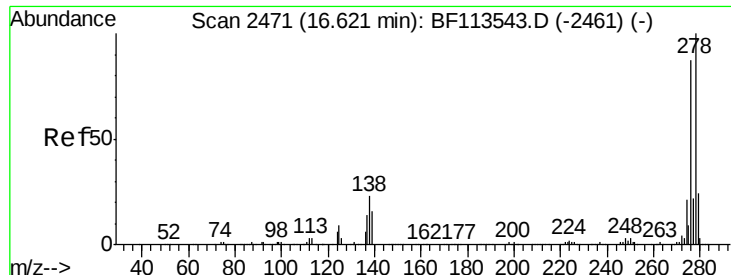
#90
Benzo(a)pyrene
Concen: 40.731 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Tgt Ion:252 Resp: 725977
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 11.5 8.8 13.2



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

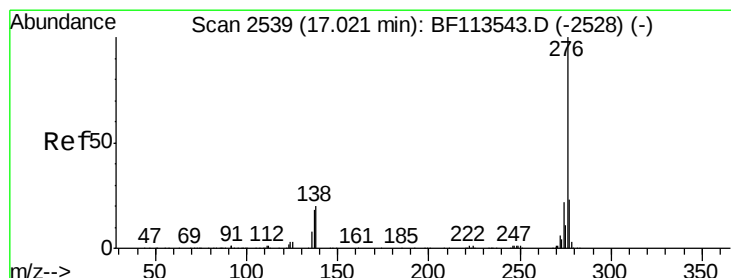
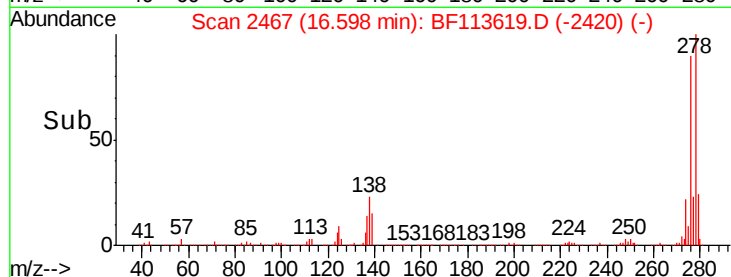
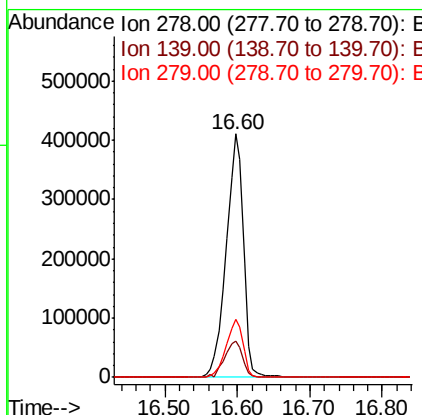
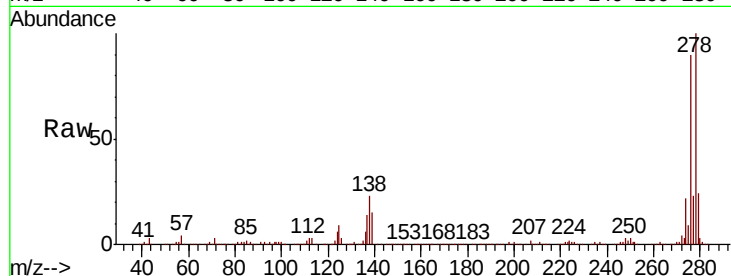




#91
Dibenzo(a,h)anthracene
Concen: 40.730 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.02 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:278 Resp: 678879
Ion Ratio Lower Upper
278 100
139 14.9 12.0 18.0
279 23.8 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 40.643 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF113619.D
Acq: 5 Apr 2019 16:55

Tgt Ion:276 Resp: 691444
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 20.4 15.6 23.4

