

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097019.D
 Acq On : 25 Jul 2017 10:42
 Operator : SJ/JU
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 25 13:20:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 13:17:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	138998	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	593761	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	253968	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	410032	20.00	ng	0.00
75) Chrysene-d12	13.63	240	304003	20.00	ng	0.00
86) Perylene-d12	14.97	264	267340	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	482546	52.20	ng	0.00
7) Phenol-d6	6.16	99	543238	48.97	ng	0.00
23) Nitrobenzene-d5	7.07	82	524530	54.72	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	105467	48.65	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	814626	50.68	ng	0.00
78) Terphenyl-d14	12.59	244	697421	39.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.05	88	96996	20.391	ng	# 74
3) Pyridine	2.66	79	280709	28.080	ng	# 64
4) n-Nitrosodimethylamine	2.61	42	155363	27.791	ng	# 83
6) Aniline	6.16	93	340782	24.939	ng	# 76
8) 2-Chlorophenol	6.29	128	267845	26.857	ng	# 92
9) Benzaldehyde	6.04	77	173757	27.099	ng	# 94
10) Phenol	6.17	94	327148	26.087	ng	# 96
11) bis(2-Chloroethyl)ether	6.25	93	269423	28.569	ng	# 94
12) 1,3-Dichlorobenzene	6.44	146	279760	26.390	ng	# 99
13) 1,4-Dichlorobenzene	6.52	146	278131	25.907	ng	# 96
14) 1,2-Dichlorobenzene	6.67	146	255716	26.188	ng	# 98
15) Benzyl Alcohol	6.66	79	181693	25.016	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	6.79	45	528907	27.176	ng	# 97
17) 2-Methylphenol	6.78	107	198923	25.650	ng	# 93
18) Hexachloroethane	7.01	117	102385	26.895	ng	# 81
19) n-Nitroso-di-n-propylamine	6.93	70	194272	29.068	ng	# 83
20) 3+4-Methylphenols	6.94	107	279933	29.746	ng	# 63
22) Acetophenone	6.92	105	374650	28.231	ng	# 98
24) Nitrobenzene	7.09	77	273819	27.619	ng	# 95
25) Isophorone	7.33	82	510583	28.632	ng	# 97
26) 2-Nitrophenol	7.40	139	144917	26.288	ng	# 86
27) 2,4-Dimethylphenol	7.46	122	234458	25.853	ng	# 96
28) bis(2-Chloroethoxy)methane	7.55	93	323166	26.819	ng	# 100
29) 2,4-Dichlorophenol	7.66	162	208716	25.425	ng	# 98
30) 1,2,4-Trichlorobenzene	7.73	180	196693	25.200	ng	# 98
31) Naphthalene	7.80	128	716201	25.462	ng	# 100
32) Benzoic acid	7.61	122	180060	31.064	ng	# 95
33) 4-Chloroaniline	7.86	127	286775	25.733	ng	# 98
34) Hexachlorobutadiene	7.93	225	100768	24.184	ng	# 99
35) Caprolactam	8.23	113	62741	23.853	ng	# 59
36) 4-Chloro-3-methylphenol	8.36	107	214159	24.262	ng	# 90
37) 2-Methylnaphthalene	8.50	142	453510	25.290	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	176651	25.731	ng	# 99
40) Hexachlorocyclopentadiene	8.65	237	43721	19.162	ng	# 99

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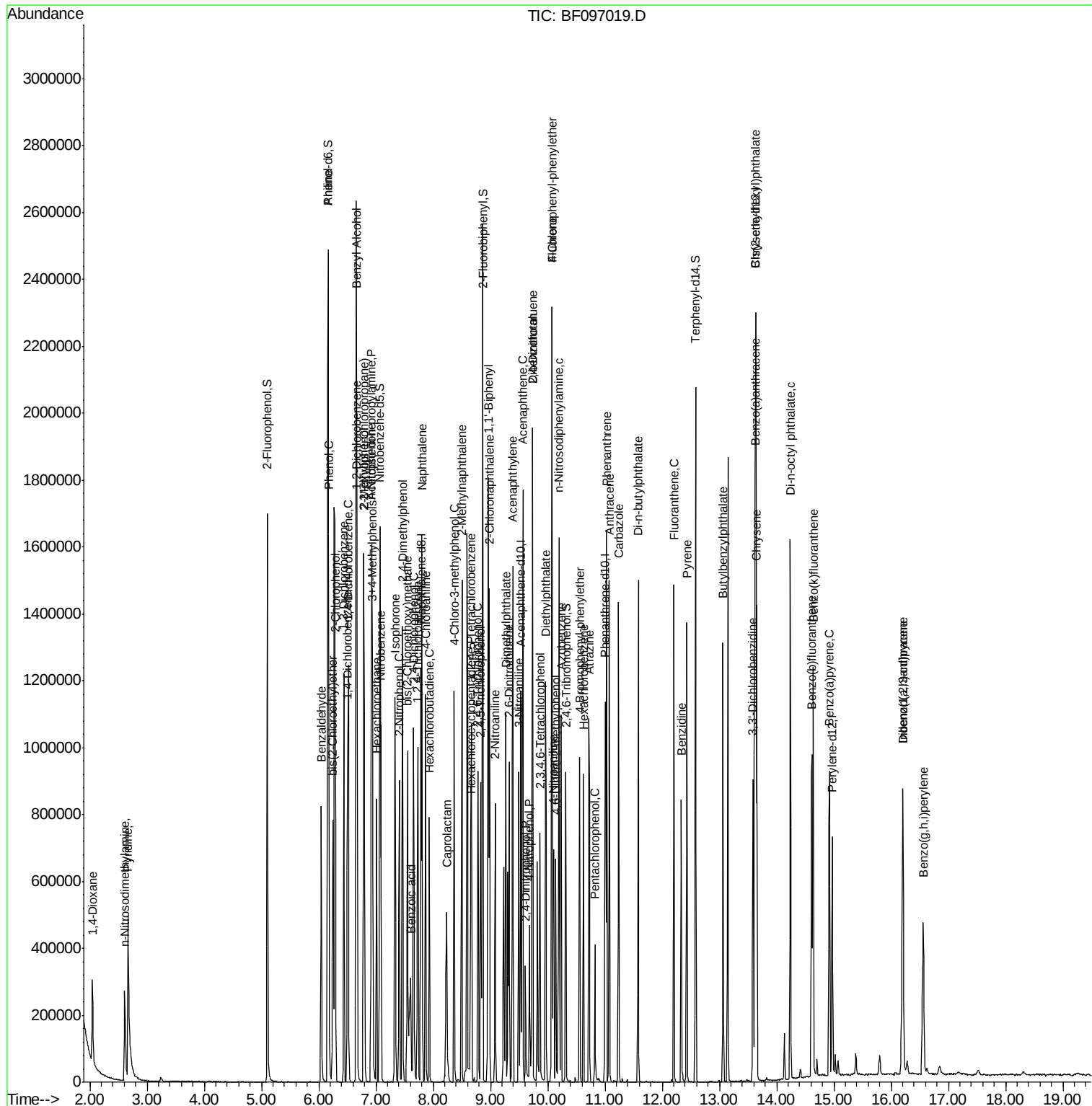
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	125654	24.813	nq	99
43) 2,4,5-Trichlorophenol	8.83	196	127246	24.914	nq	96
45) 1,1'-Biphenyl	8.96	154	559438	25.684	nq	98
46) 2-Chloronaphthalene	8.98	162	399351	24.899	nq #	93
47) 2-Nitroaniline	9.08	65	140508	25.486	nq	98
48) Acenaphthylene	9.39	152	650518	25.455	nq	99
49) Dimethylphthalate	9.27	163	475367	24.858	nq	100
50) 2,6-Dinitrotoluene	9.33	165	103172	24.909	nq #	80
51) Acenaphthene	9.56	154	367733	24.359	nq	100
52) 3-Nitroaniline	9.49	138	126146	25.708	nq	94
53) 2,4-Dinitrophenol	9.61	184	43808	25.142	nq #	76
54) Dibenzofuran	9.73	168	500813	23.673	nq	98
55) 4-Nitrophenol	9.68	139	80789	22.536	nq #	73
56) 2,4-Dinitrotoluene	9.73	165	122547	23.024	nq #	64
57) Fluorene	10.07	166	401762	25.700	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.86	232	89502	25.268	nq #	99
59) Diethylphthalate	9.96	149	453965	24.385	nq	99
60) 4-Chlorophenyl-phenylether	10.07	204	167869	25.540	nq	98
61) 4-Nitroaniline	10.10	138	129005	27.997	nq	92
62) Azobenzene	10.23	77	423857	25.809	nq	94
64) 4,6-Dinitro-2-methylphenol	10.14	198	70406	27.348	nq	91
65) n-Nitrosodiphenylamine	10.19	169	366362	24.996	nq	98
66) 4-Bromophenyl-phenylether	10.56	248	108055	25.812	nq	97
67) Hexachlorobenzene	10.62	284	118046	25.318	nq #	86
68) Atrazine	10.72	200	107582	25.763	nq	92
69) Pentachlorophenol	10.82	266	47195	20.953	nq	99
70) Phenanthrene	11.03	178	589420	26.438	nq	99
71) Anthracene	11.07	178	599892	26.612	nq	99
72) Carbazole	11.24	167	567975	26.019	nq	98
73) Di-n-butylphthalate	11.58	149	730171	26.858	nq	98
74) Fluoranthene	12.20	202	570728	26.744	nq	96
76) Benzidine	12.33	184	285329	28.650	nq #	94
77) Pyrene	12.43	202	585335	21.216	nq	97
79) Butylbenzylphthalate	13.06	149	305255	23.286	nq #	79
80) Benzo(a)anthracene	13.62	228	474471	25.049	nq	98
81) 3,3'-Dichlorobenzidine	13.59	252	182099	26.734	nq #	96
82) Chrysene	13.65	228	449770	24.120	nq	99
83) Bis(2-ethylhexyl)phthalate	13.63	149	393081	24.623	nq	99
84) Di-n-octyl phthalate	14.24	149	726816	27.543	nq #	92
85) Indeno(1,2,3-cd)pyrene	16.20	276	370574	21.896	nq	97
87) Benzo(b)fluoranthene	14.62	252	449407	27.873	nq	99
88) Benzo(k)fluoranthene	14.64	252	396547	25.972	nq	97
89) Benzo(a)pyrene	14.92	252	385169	26.046	nq	99
90) Dibenzo(a,h)anthracene	16.21	278	295786	21.737	nq	97
91) Benzo(g,h,i)perylene	16.56	276	306591	21.040	nq	99

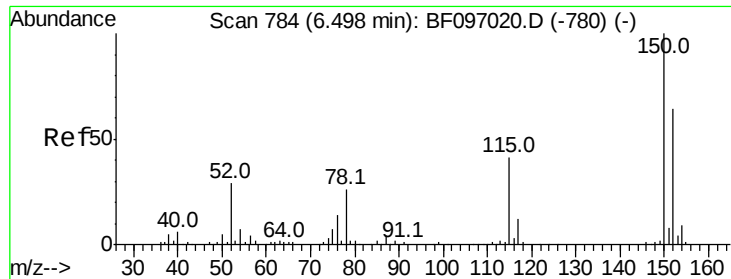
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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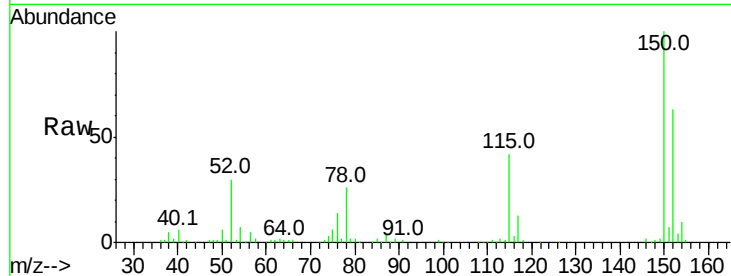


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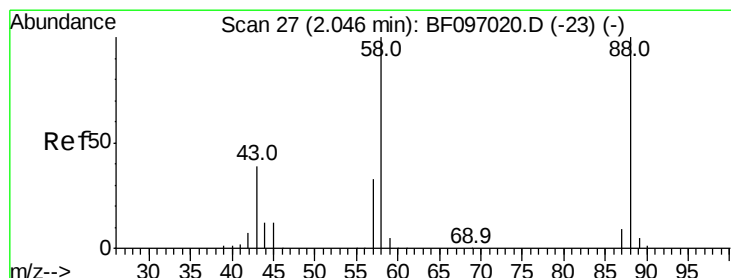
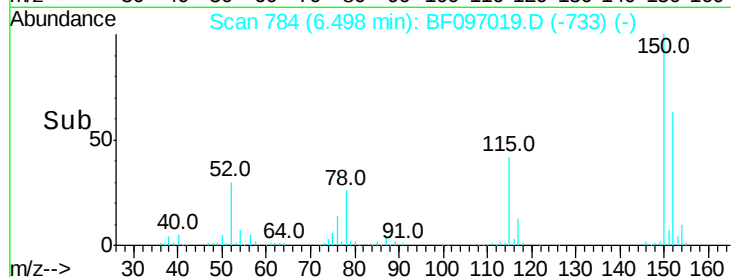
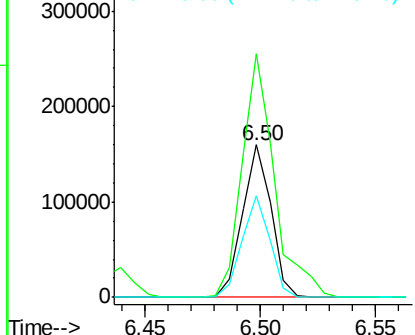
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097019.D
Acq: 25 Jul 2017 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138998
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.2
115 66.9 52.2 78.2



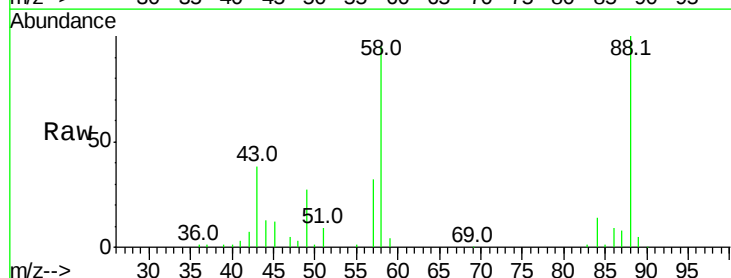
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



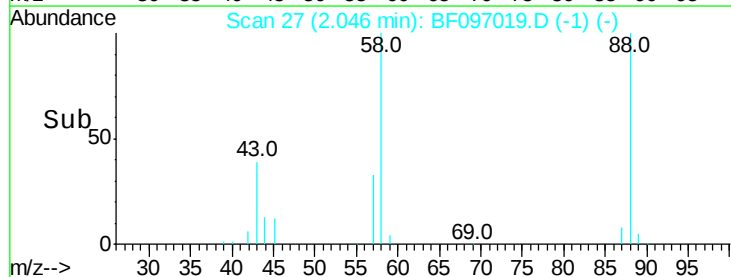
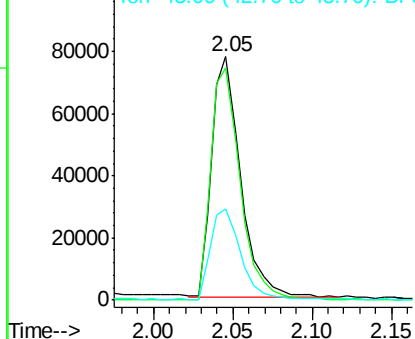
#2

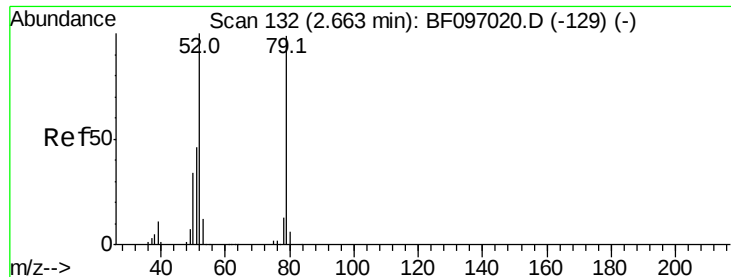
1,4-Dioxane
Concen: 20.391 ng
RT: 2.05 min Scan# 27
Delta R.T. -0.00 min
Lab File: BF097019.D
Acq: 25 Jul 2017 10:42

Tgt Ion: 88 Resp: 96996
Ion Ratio Lower Upper
88 100
58 100.2 61.4 92.0#
43 41.6 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 28.080 ng

RT: 2.66 min Scan# 132

Delta R.T. -0.00 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Instrument :

BNA_F

ClientSampleId :

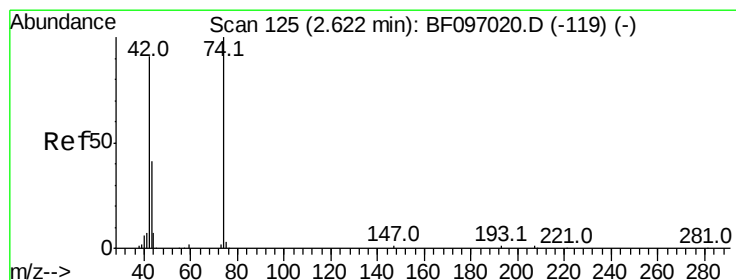
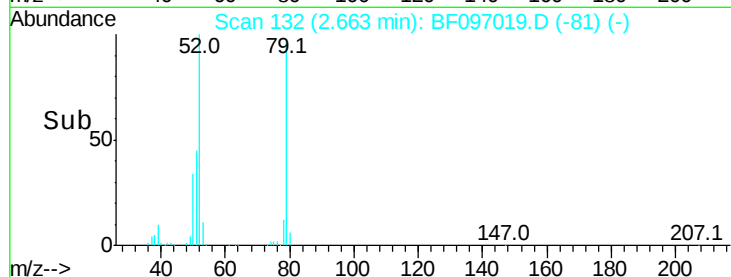
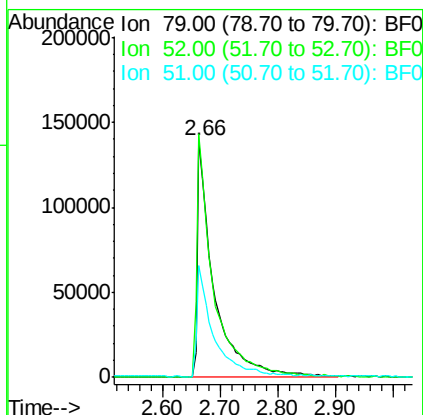
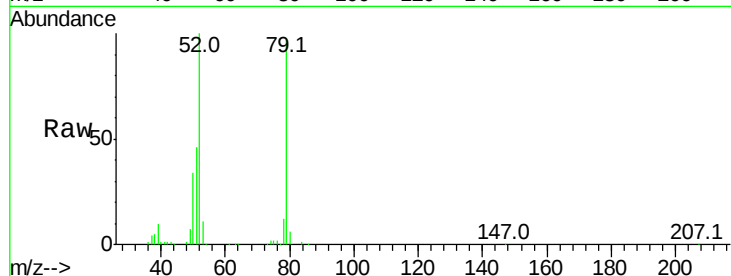
Tot Ion: 79 Resp: 280709

Ion Ratio Lower Upper

79 100

52 102.9 54.8 82.2#

51 47.1 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 27.791 ng

RT: 2.61 min Scan# 123

Delta R.T. -0.01 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

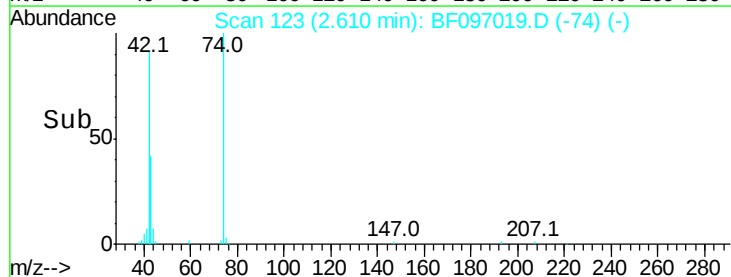
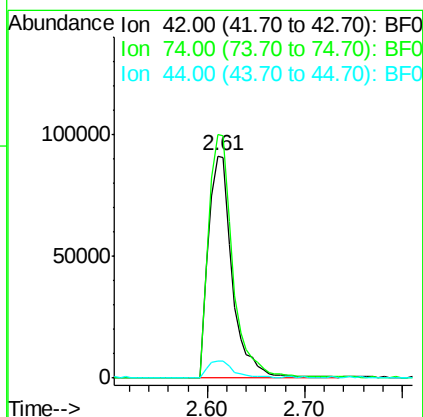
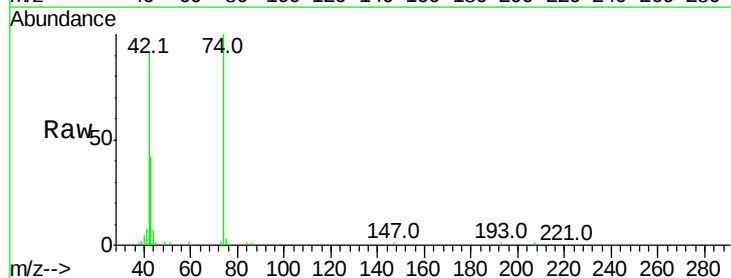
Tgt Ion: 42 Resp: 155363

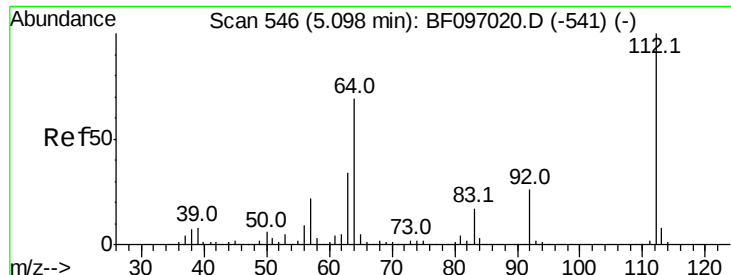
Ion Ratio Lower Upper

42 100

74 109.6 103.9 155.9

44 7.6 5.7 8.5





#5

2-Fluorophenol

Concen: 52.198 ng

RT: 5.10 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Instrument :

BNA_F

ClientSampleId :

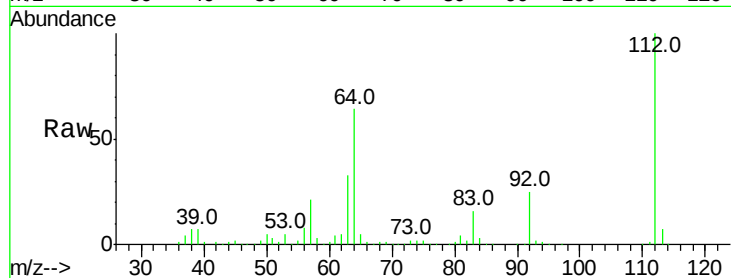
Tot Ion:112 Resp: 482546

Ion Ratio Lower Upper

112 100

64 64.1 46.0 69.0

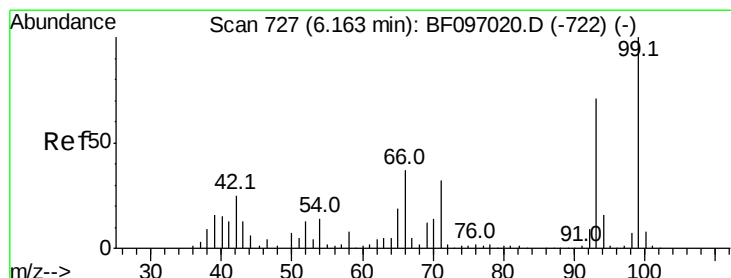
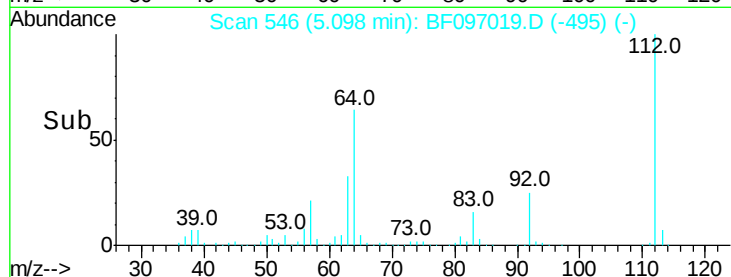
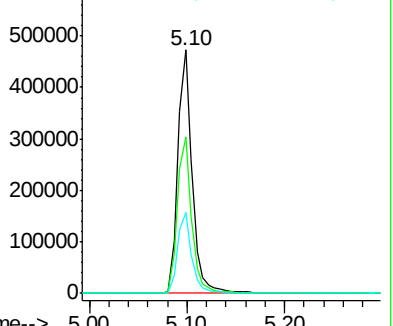
63 33.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.939 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

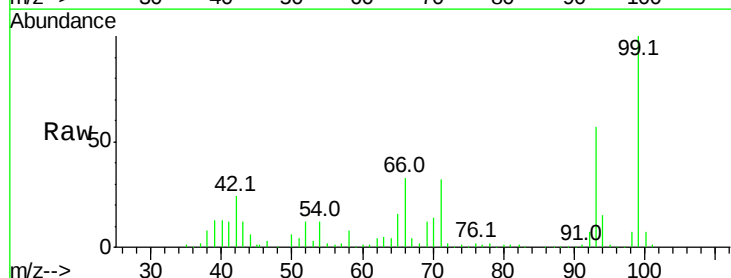
Tgt Ion: 93 Resp: 340782

Ion Ratio Lower Upper

93 100

66 57.7 32.9 49.3#

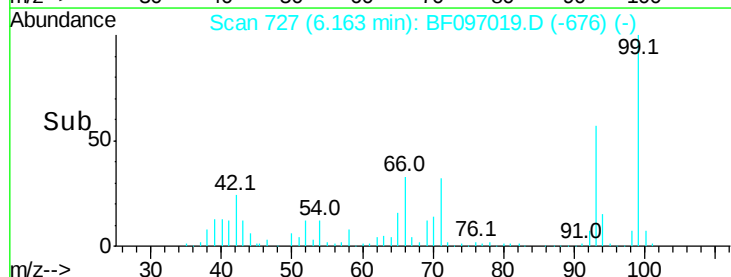
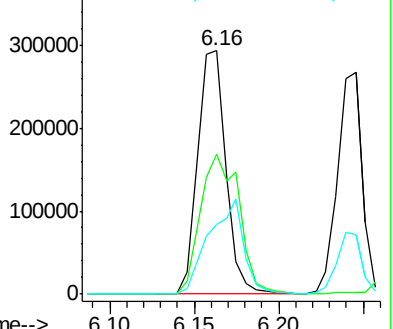
65 28.4 16.0 24.0#

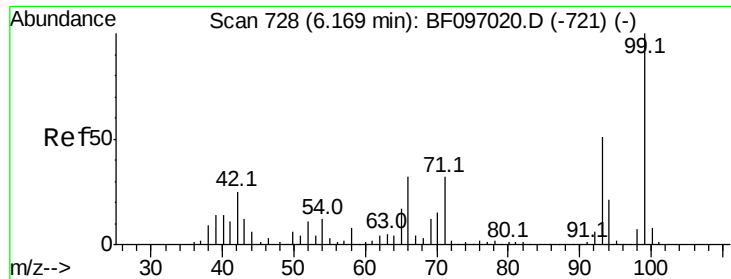


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 48.969 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Instrument :

BNA_F

ClientSampleId :

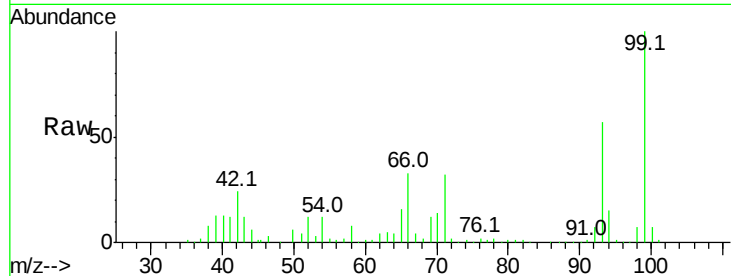
Tot Ion: 99 Resp: 543238

Ion Ratio Lower Upper

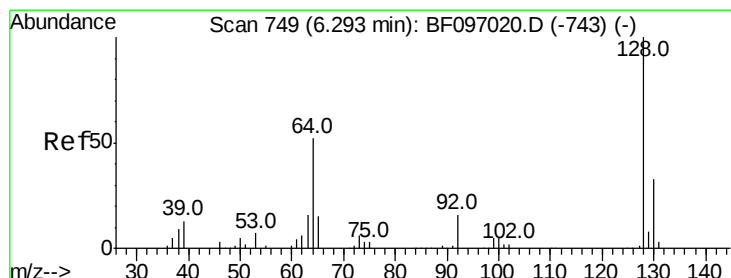
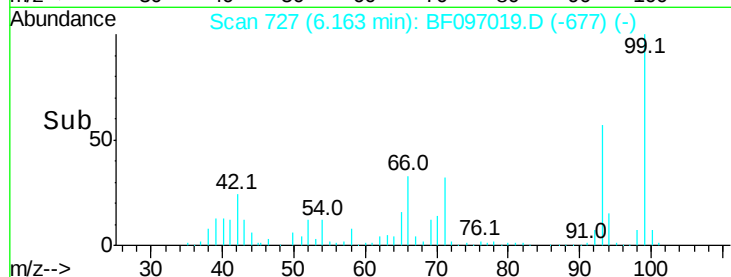
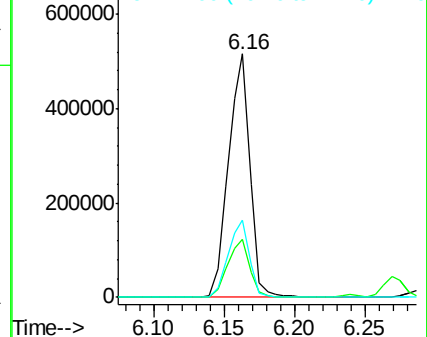
99 100

42 23.9 13.5 20.3#

71 31.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 26.857 ng

RT: 6.29 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

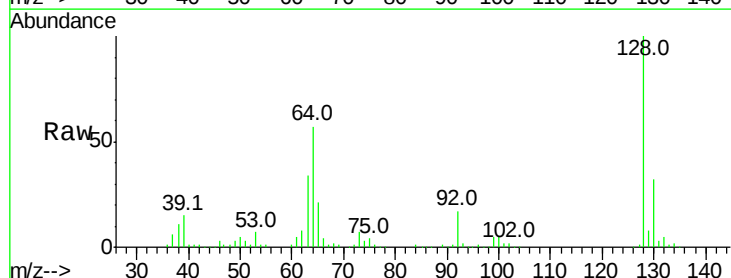
Tgt Ion: 128 Resp: 267845

Ion Ratio Lower Upper

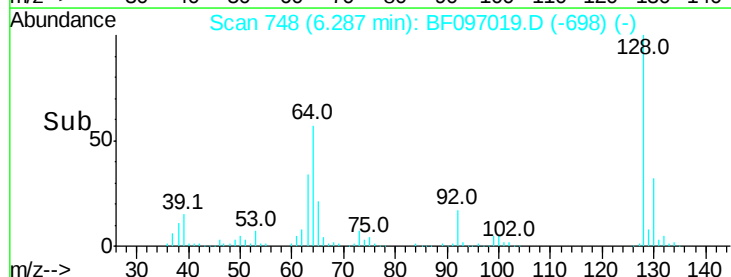
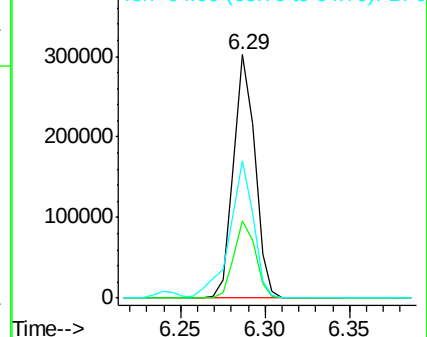
128 100

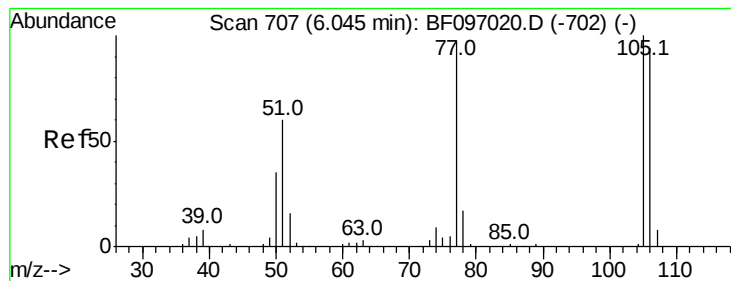
130 31.6 12.9 52.9

64 56.6 28.4 68.4



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): BF0





#9

Benzaldehyde

Concen: 27.099 ng

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Instrument :

BNA_F

ClientSampled :

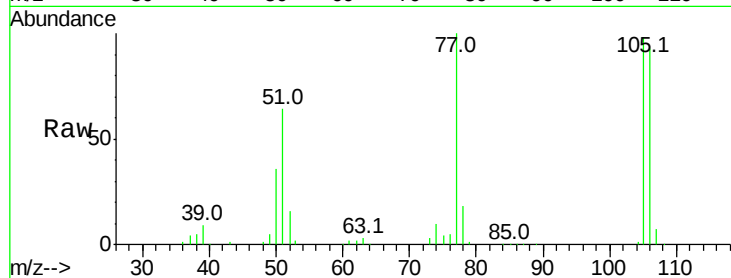
Tot Ion: 77 Resp: 173757

Ion Ratio Lower Upper

77 100

105 98.4 83.8 123.8

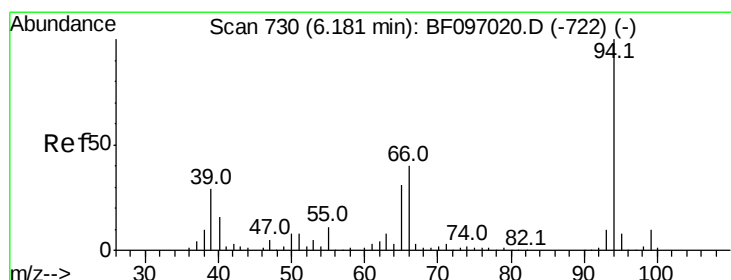
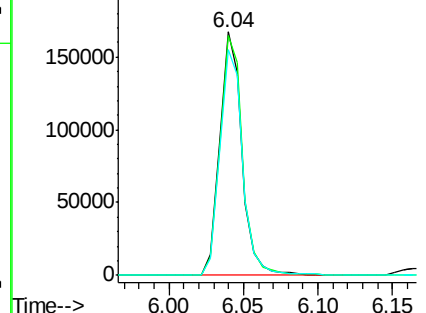
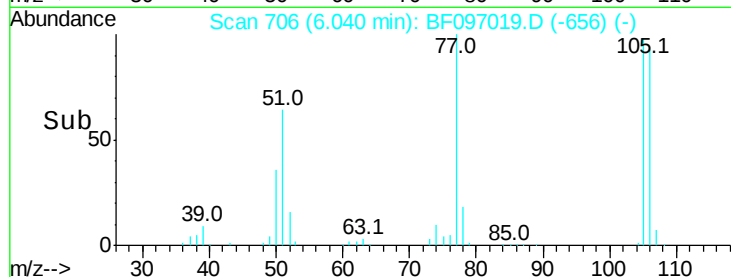
106 92.5 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 26.087 ng

RT: 6.17 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

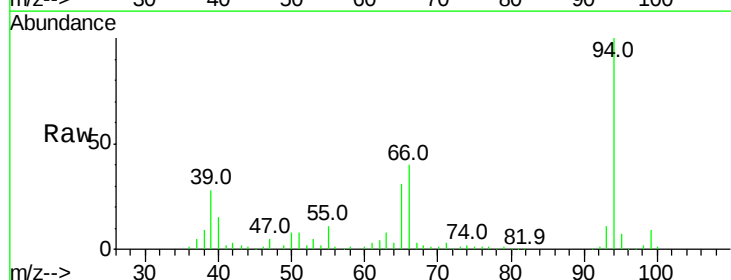
Tgt Ion: 94 Resp: 327148

Ion Ratio Lower Upper

94 100

65 30.9 9.9 49.9

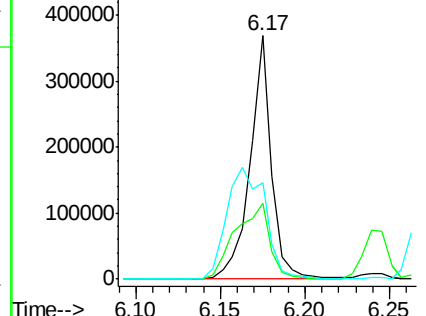
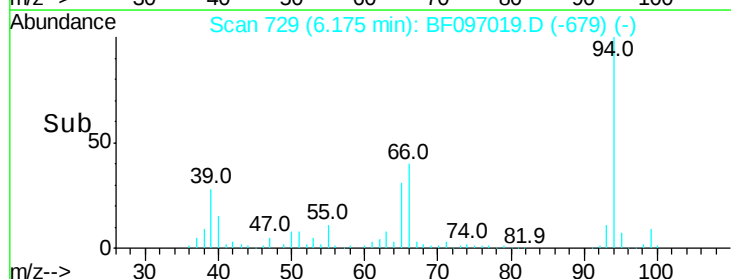
66 39.7 23.1 63.1

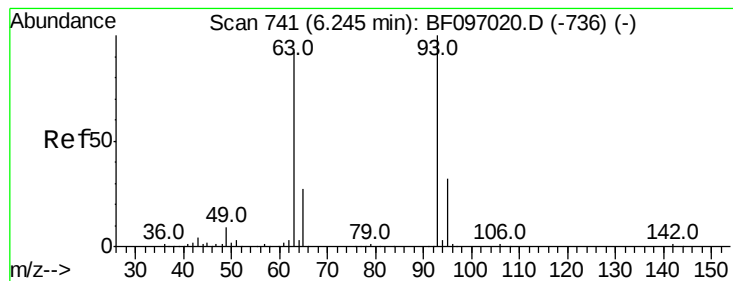


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 28.569 ng

RT: 6.25 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Instrument :

BNA_F

ClientSampleId :

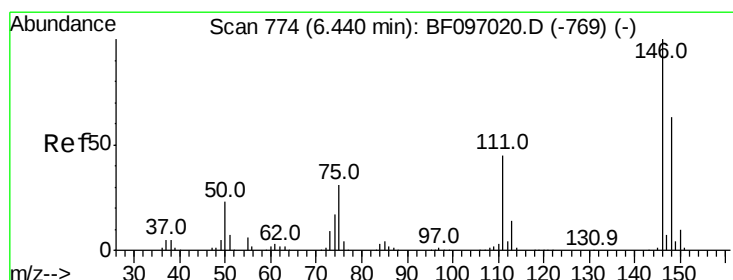
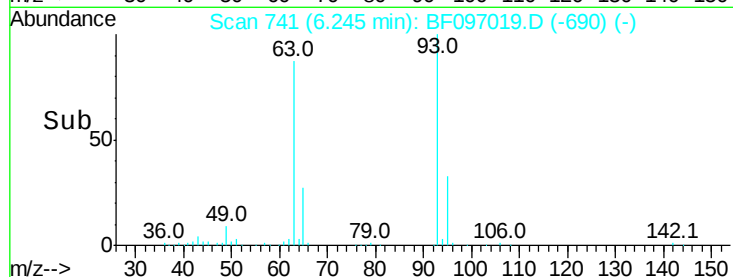
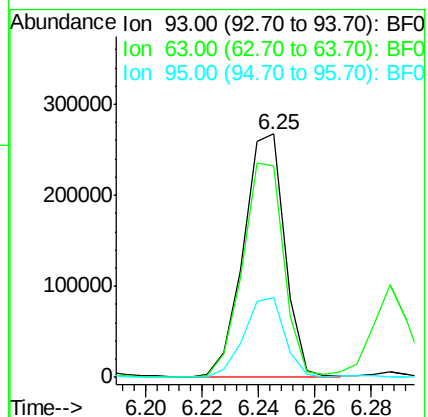
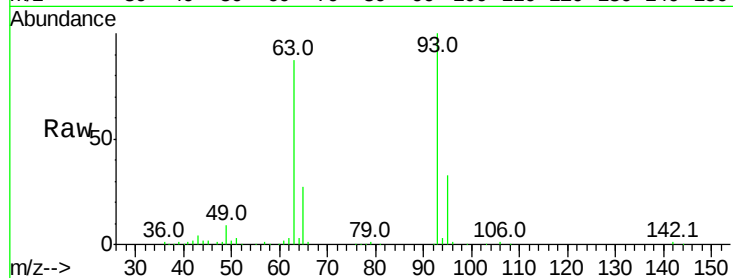
Tot Ion: 93 Resp: 269423

Ion Ratio Lower Upper

93 100

63 86.8 59.2 99.2

95 32.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 26.390 ng

RT: 6.44 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

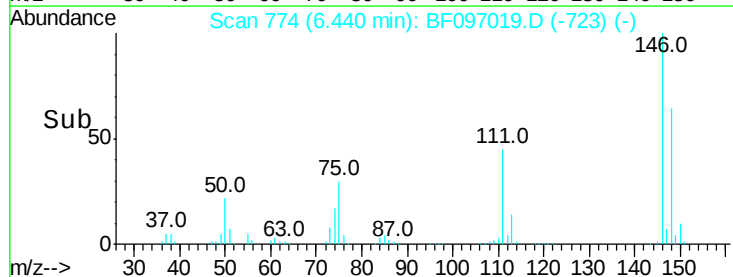
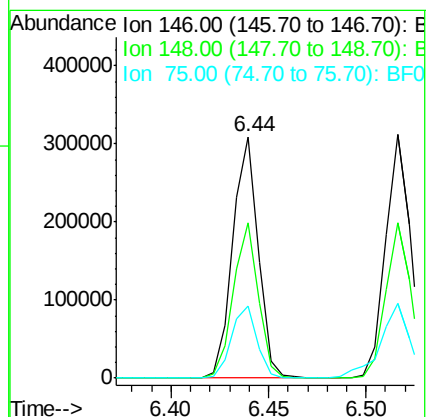
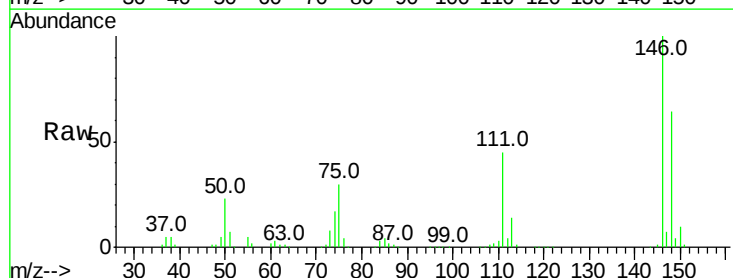
Tgt Ion: 146 Resp: 279760

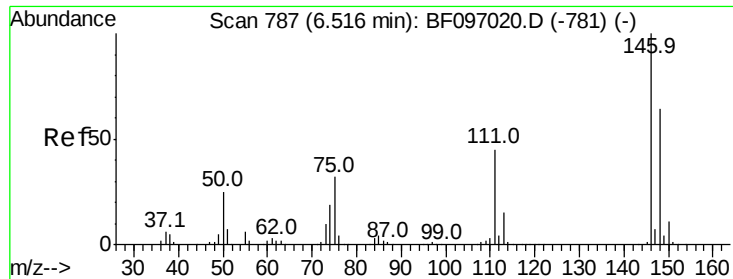
Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.6

75 29.9 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 25.907 ng

RT: 6.52 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Instrument :

BNA_F

ClientSampleId :

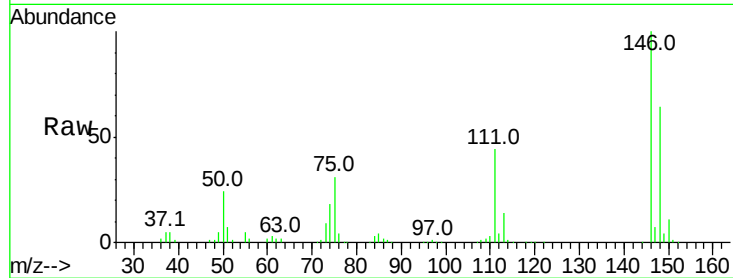
Tot Ion:146 Resp: 278131

Ion Ratio Lower Upper

146 100

148 64.0 52.2 78.2

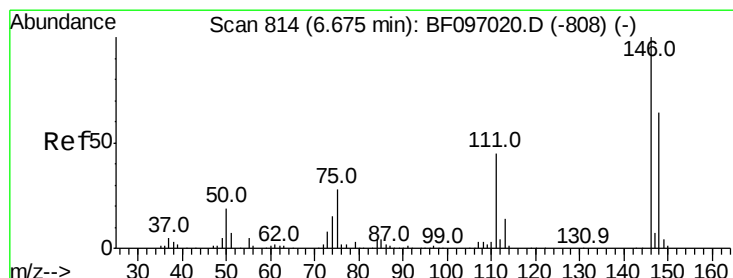
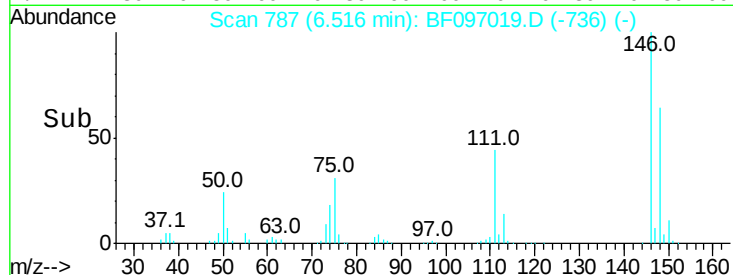
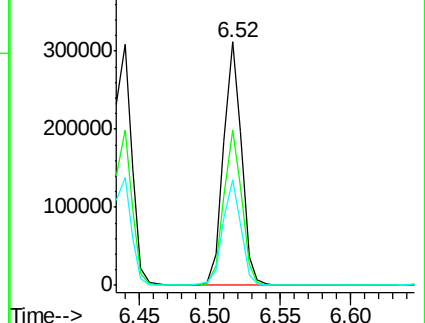
111 43.5 30.3 45.5



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: 26.188 ng

RT: 6.67 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

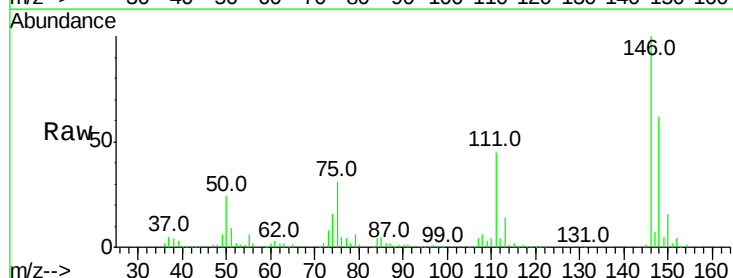
Tgt Ion:146 Resp: 255716

Ion Ratio Lower Upper

146 100

148 62.0 50.4 75.6

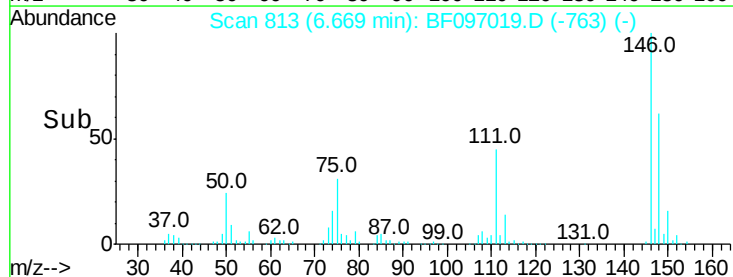
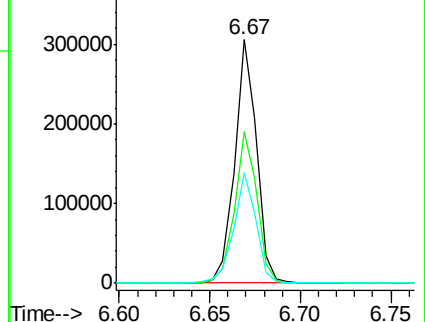
111 45.3 38.2 57.4

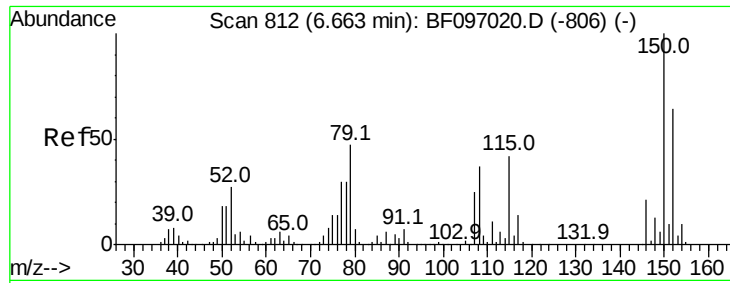


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

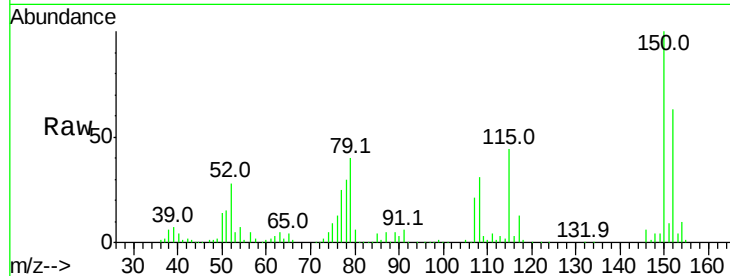




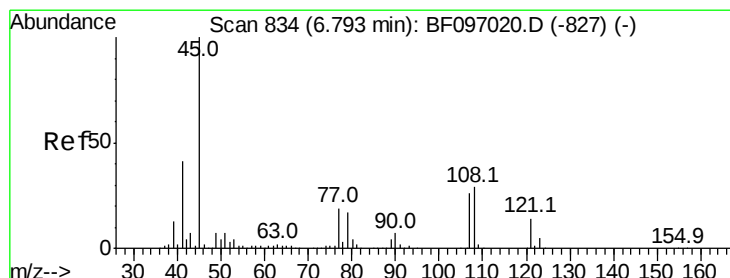
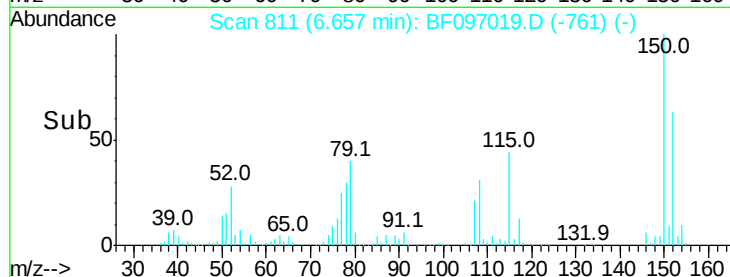
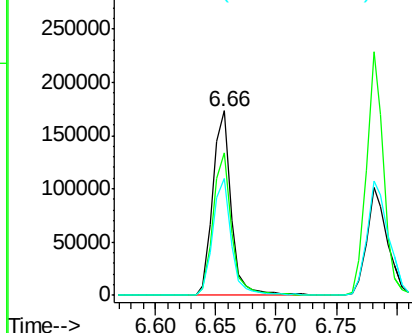
#15
Benzyl Alcohol
Concen: 25.016 ng
RT: 6.66 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF097019.D
Acq: 25 Jul 2017 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 181693
Ion Ratio Lower Upper
79 100
108 77.2 63.4 95.0
77 63.4 49.2 73.8

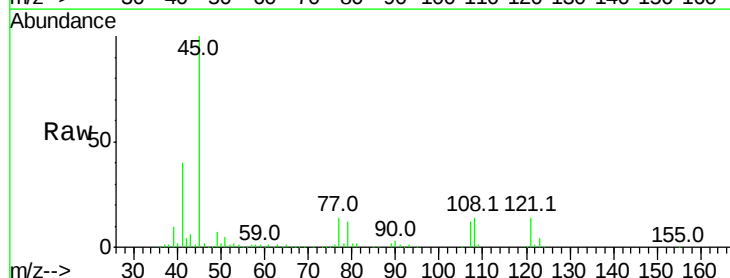


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

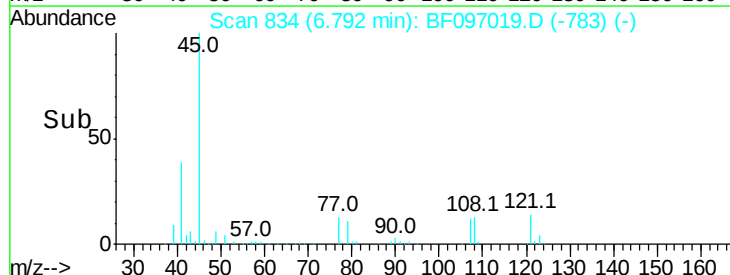
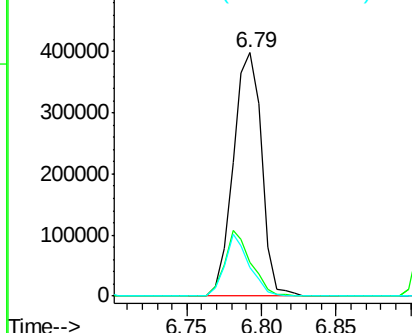


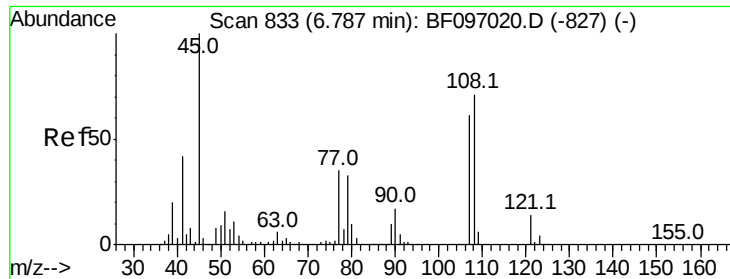
#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.176 ng
RT: 6.79 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF097019.D
Acq: 25 Jul 2017 10:42

Tgt Ion: 45 Resp: 528907
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.2
79 11.9 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

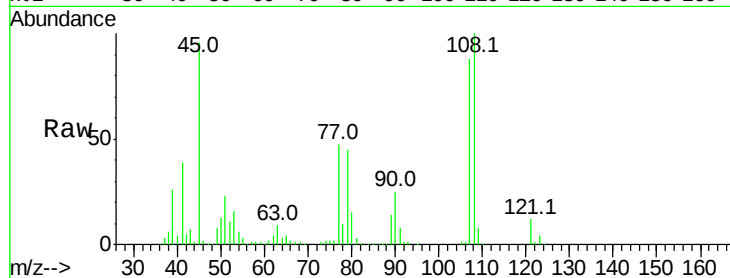




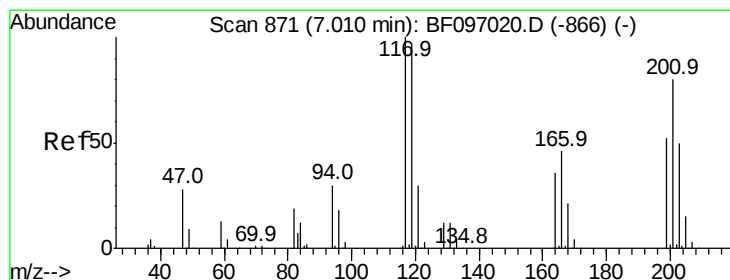
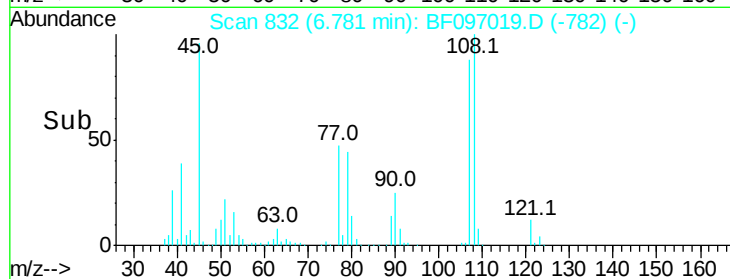
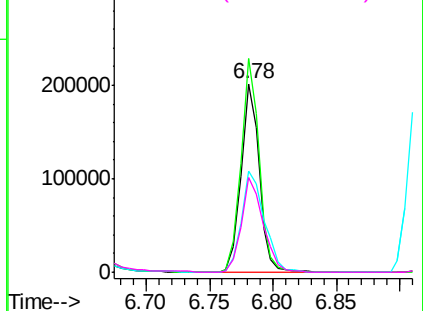
#17
2-Methylphenol
Concen: 25.650 ng
RT: 6.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF097019.D
Acq: 25 Jul 2017 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 198923
Ion Ratio Lower Upper
107 100
108 113.5 93.4 140.0
77 53.4 35.8 53.6
79 50.6 34.8 52.2

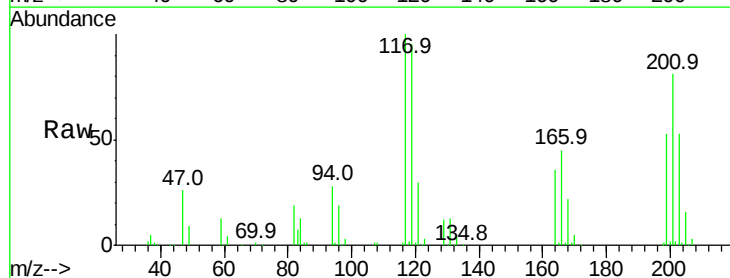


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

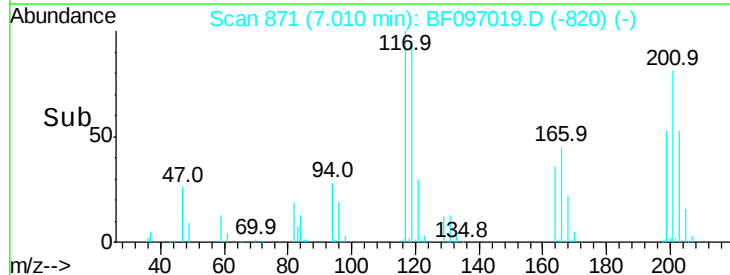
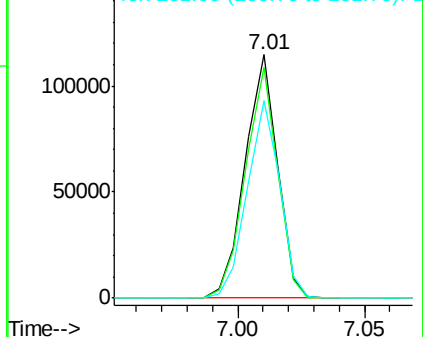


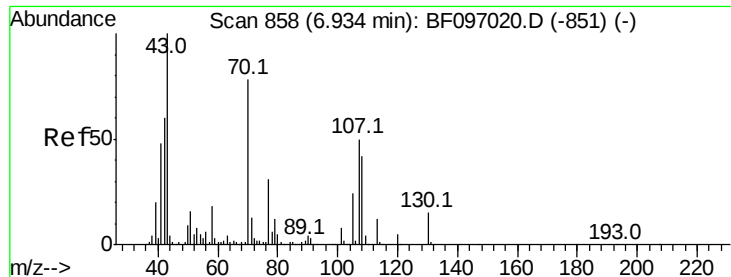
#18
Hexachloroethane
Concen: 26.895 ng
RT: 7.01 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF097019.D
Acq: 25 Jul 2017 10:42

Tgt Ion:117 Resp: 102385
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.0
201 81.0 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

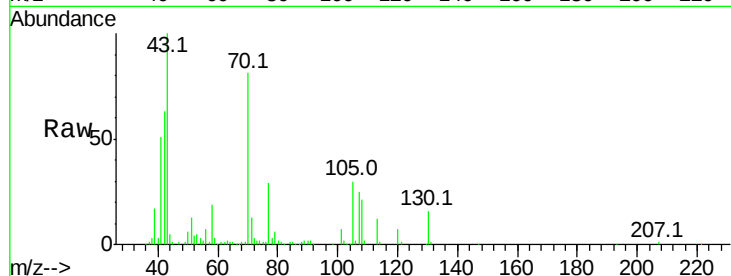




#19
n-Nitroso-di-n-propylamine
Concen: 29.068 ng
RT: 6.93 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF097019.D
Acq: 25 Jul 2017 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	78.0	47.2	70.8#
101	9.2	7.2	10.8
130	19.9	15.9	23.9



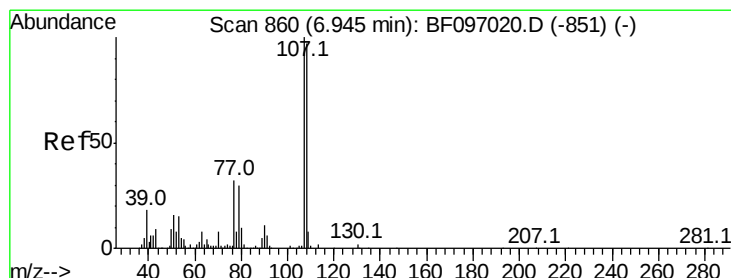
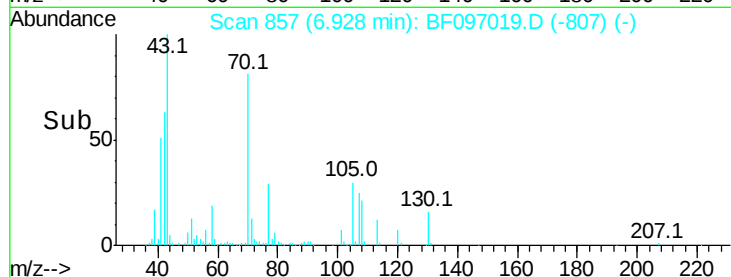
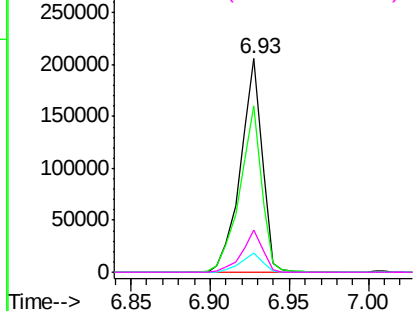
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 29.746 ng
RT: 6.94 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF097019.D
Acq: 25 Jul 2017 10:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	71.0	111.0
77	30.3	90.5	130.5#
79	26.7	8.4	48.4

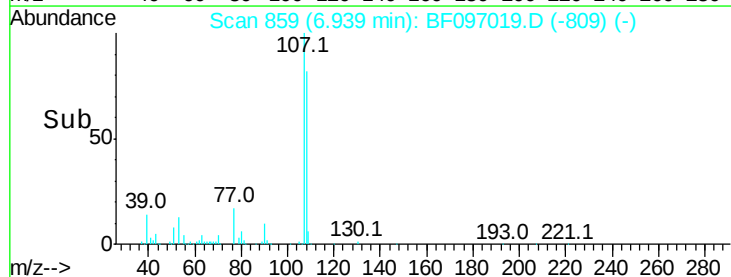
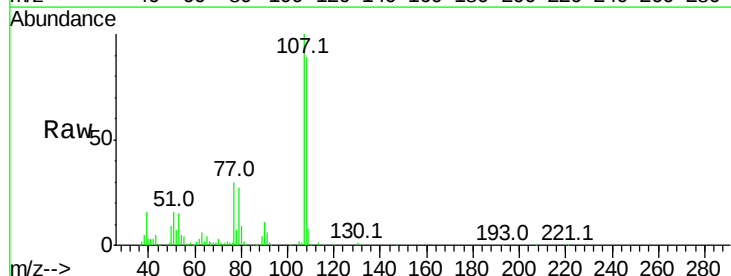
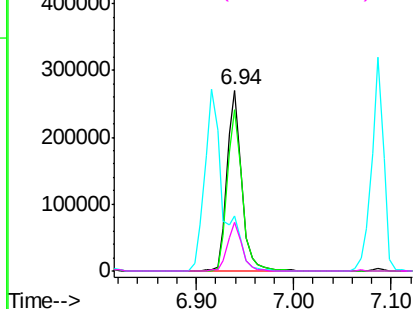
Abundance

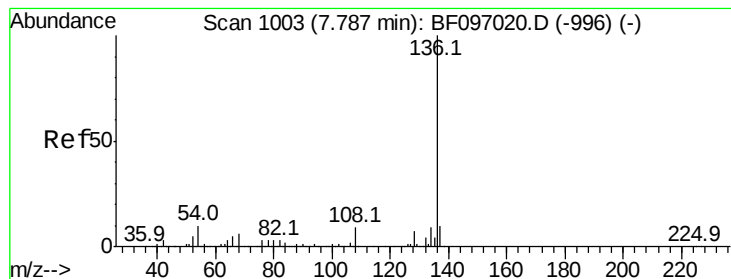
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.79 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 593761

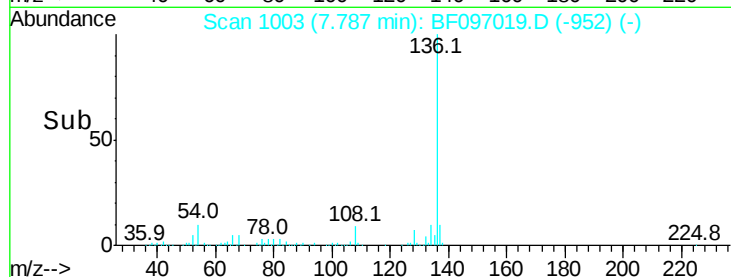
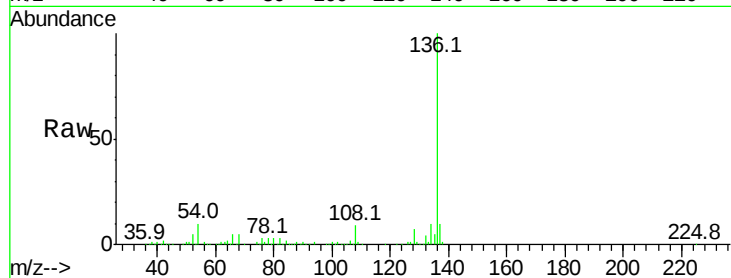
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 9.9 4.9 7.3#

68 5.1 4.1 6.1

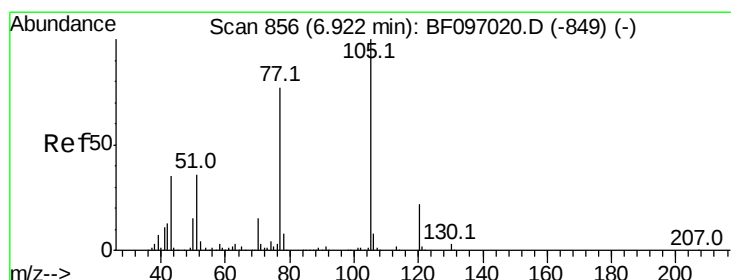
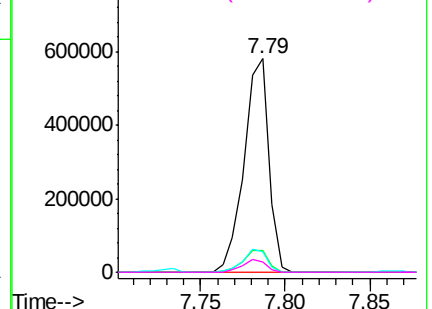


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 28.231 ng

RT: 6.92 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Tgt Ion:105 Resp: 374650

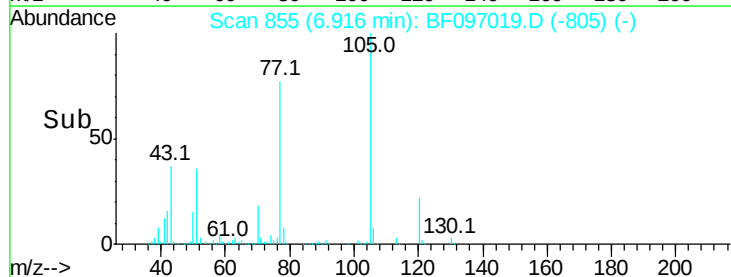
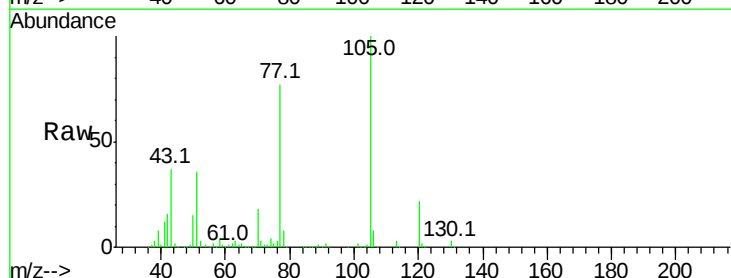
Ion Ratio Lower Upper

105 100

71 3.0 2.8 4.2

51 36.4 30.7 46.1

120 22.2 17.4 26.0

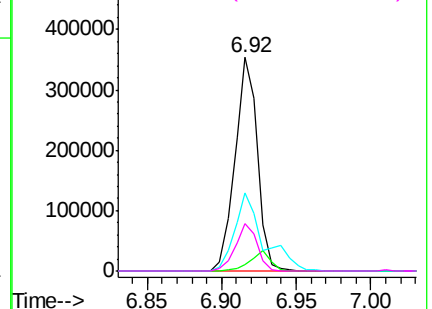


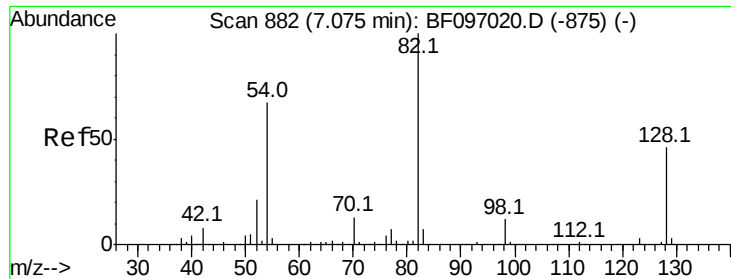
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

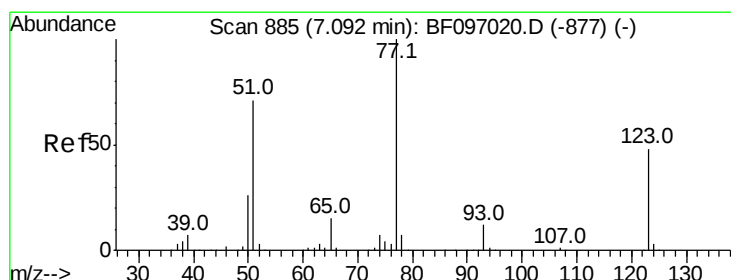
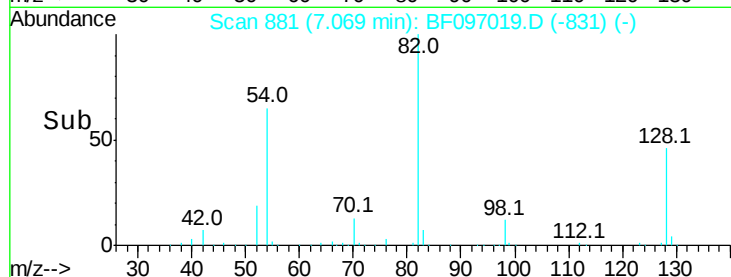
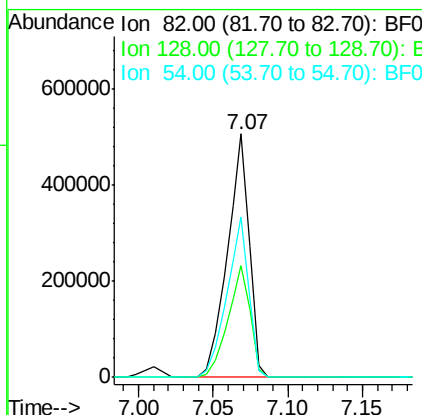
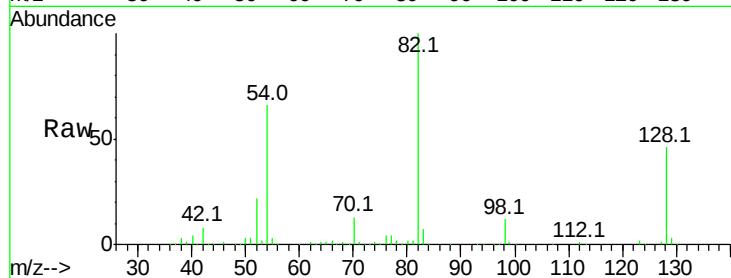




#23
Nitrobenzene-d5
Concen: 54.719 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF097019.D
Acq: 25 Jul 2017 10:42

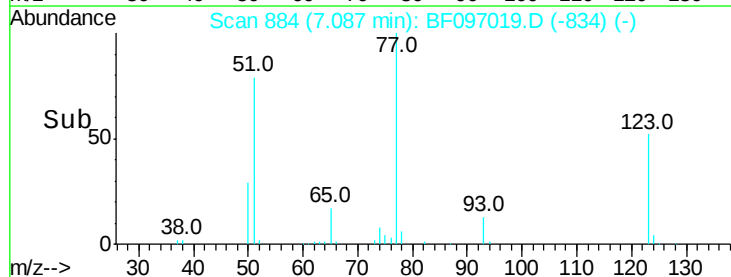
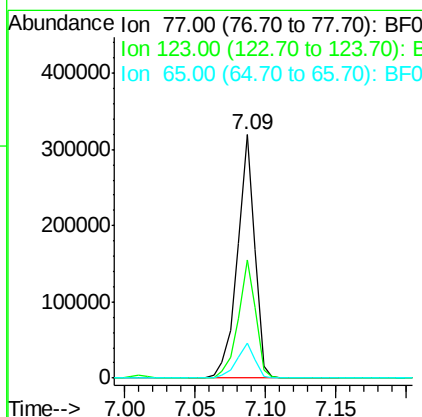
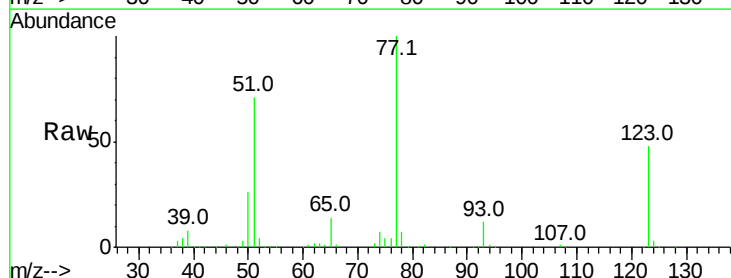
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 524530
Ion Ratio Lower Upper
82 100
128 45.7 34.0 51.0
54 66.1 42.2 63.2#



#24
Nitrobenzene
Concen: 27.619 ng
RT: 7.09 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF097019.D
Acq: 25 Jul 2017 10:42

Tgt Ion: 77 Resp: 273819
Ion Ratio Lower Upper
77 100
123 48.3 35.8 53.8
65 14.5 10.6 15.8





#25

Isophorone

Concen: 28.632 ng

RT: 7.33 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Instrument :

BNA_F

ClientSampleId :

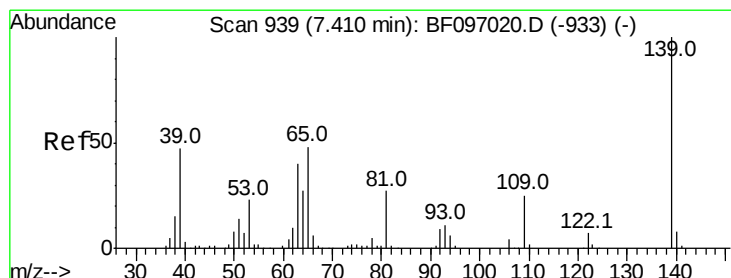
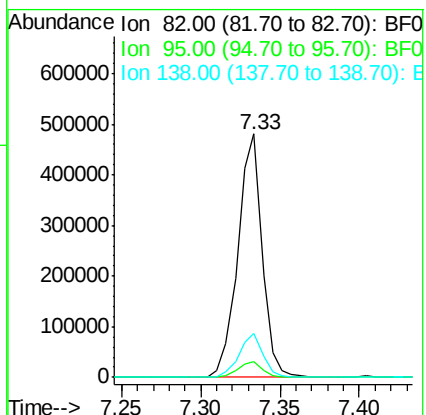
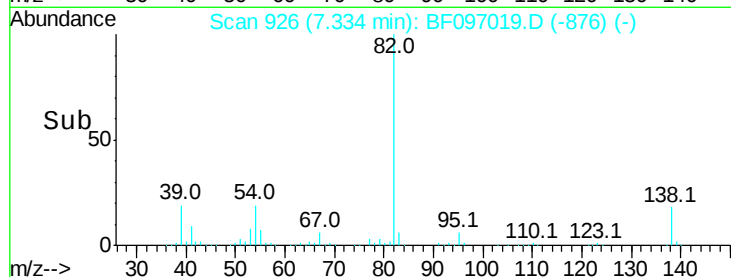
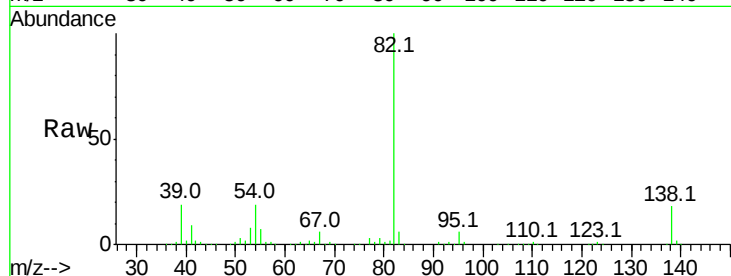
Tot Ion: 82 Resp: 510583

Ion Ratio Lower Upper

82 100

95 6.2 5.3 7.9

138 17.9 13.1 19.7



#26

2-Nitrophenol

Concen: 26.288 ng

RT: 7.40 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

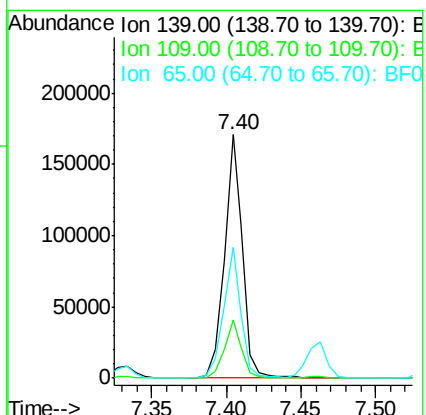
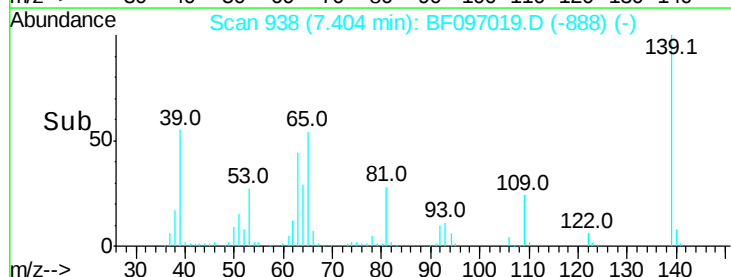
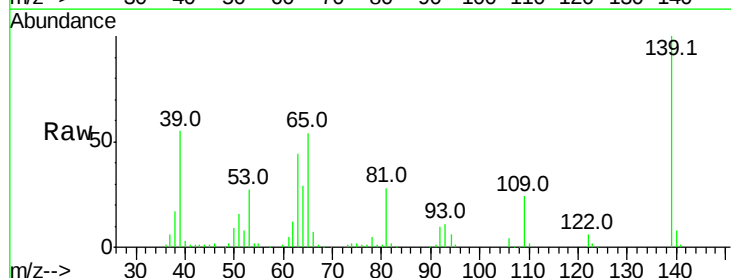
Tgt Ion: 139 Resp: 144917

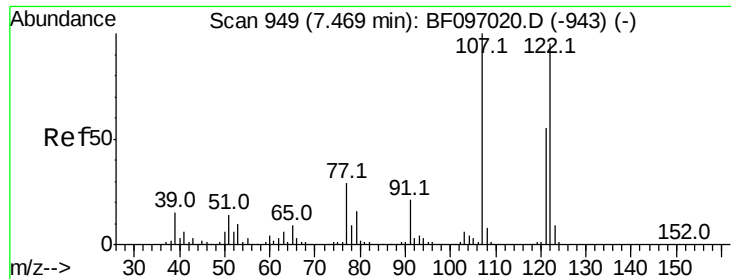
Ion Ratio Lower Upper

139 100

109 24.1 21.0 31.6

65 53.6 33.0 49.6#

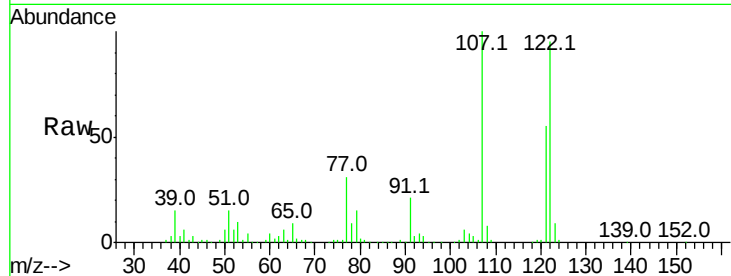




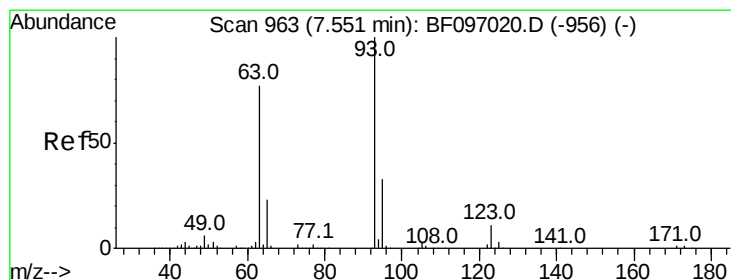
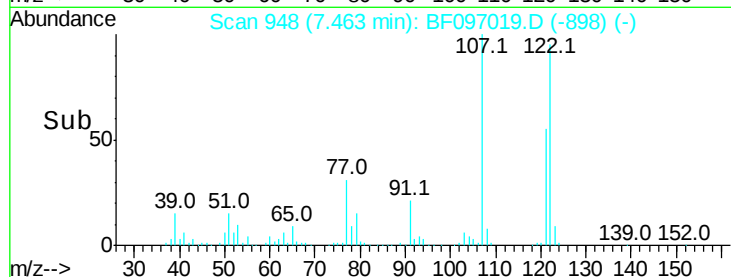
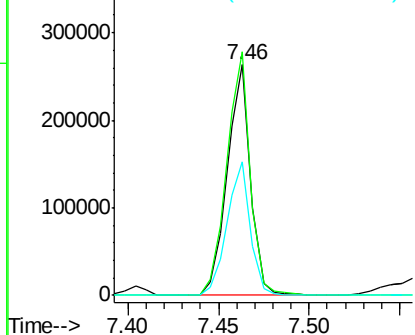
#27
2,4-Dimethylphenol
Concen: 25.853 ng
RT: 7.46 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF097019.D
Acq: 25 Jul 2017 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 234458
Ion Ratio Lower Upper
122 100
107 105.7 89.2 133.8
121 57.9 45.2 67.8

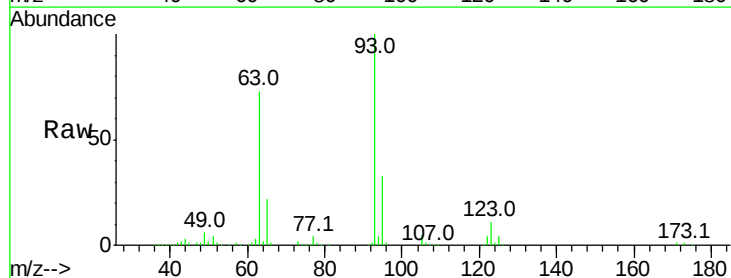


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

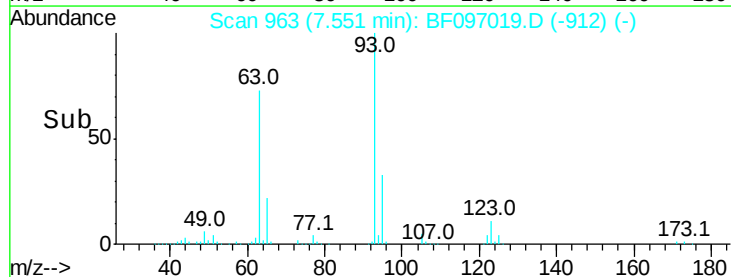
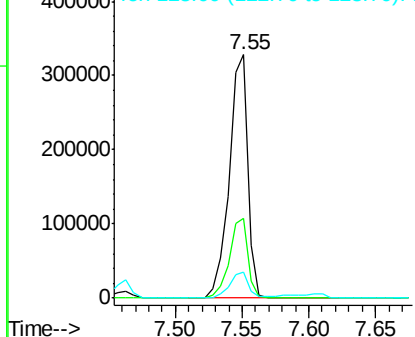


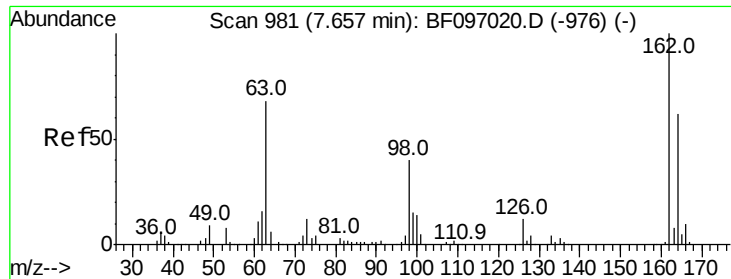
#28
bis(2-Chloroethoxy)methane
Concen: 26.819 ng
RT: 7.55 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF097019.D
Acq: 25 Jul 2017 10:42

Tgt Ion: 93 Resp: 323166
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 10.9 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

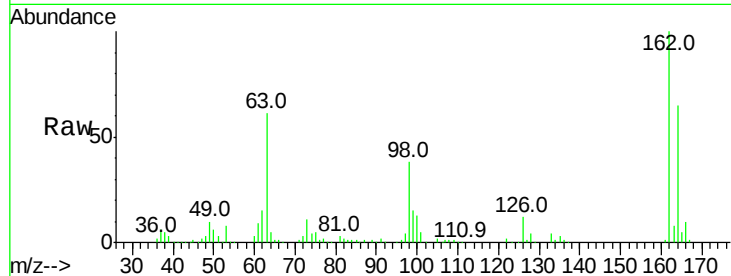




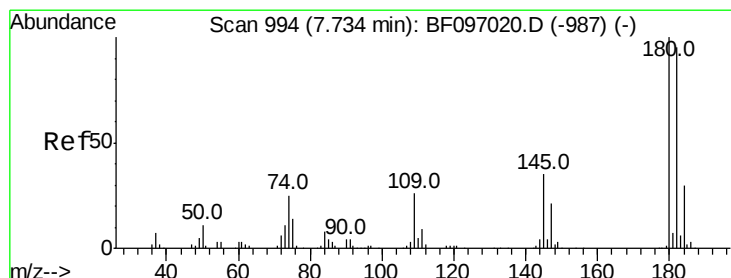
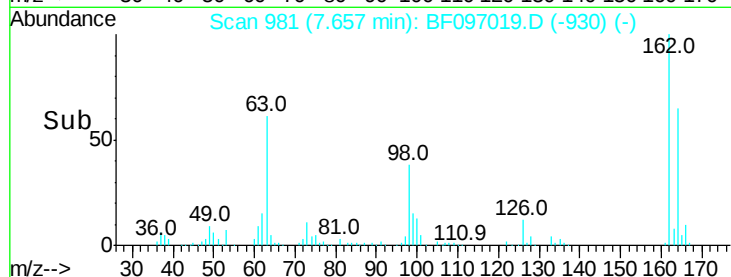
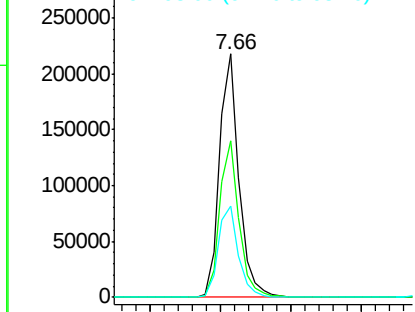
#29
 2,4-Dichlorophenol
 Concen: 25.425 ng
 RT: 7.66 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	37.6	14.8	54.8

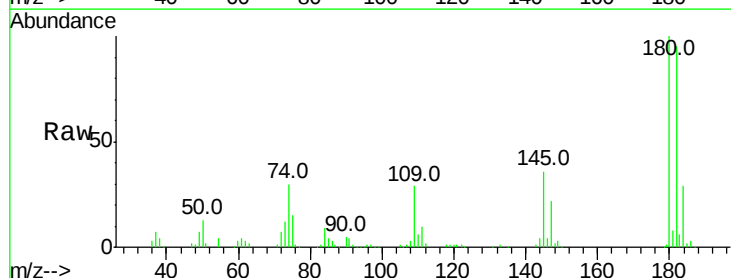


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

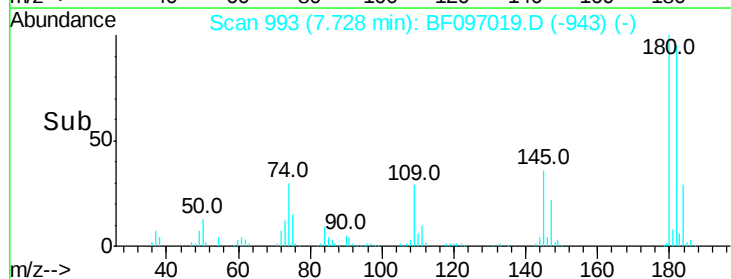
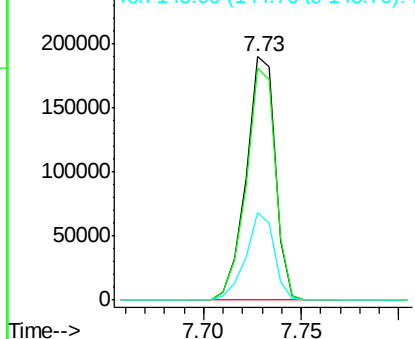


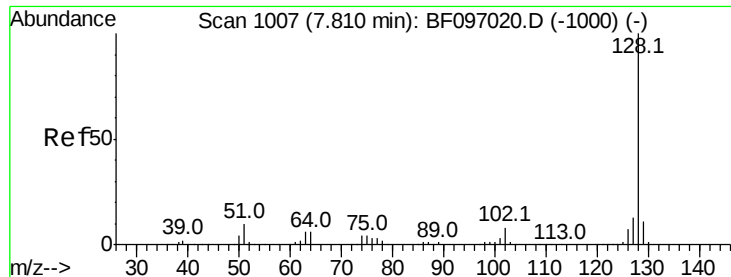
#30
 1,2,4-Trichlorobenzene
 Concen: 25.200 ng
 RT: 7.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.8	113.6
145	35.9	25.3	37.9



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

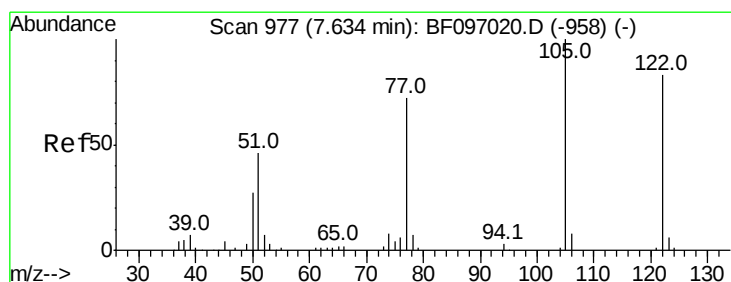
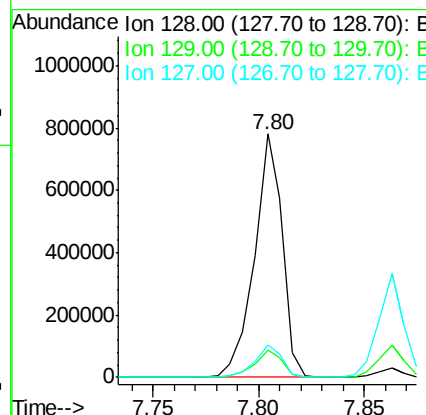
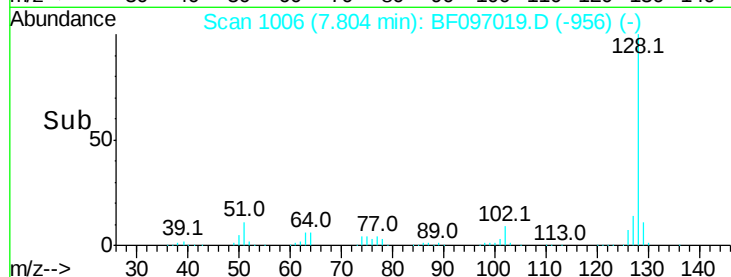
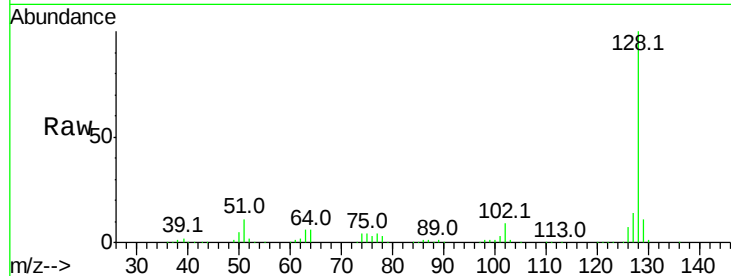




#31
Naphthalene
Concen: 25.462 ng
RT: 7.80 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF097019.D
Acq: 25 Jul 2017 10:42

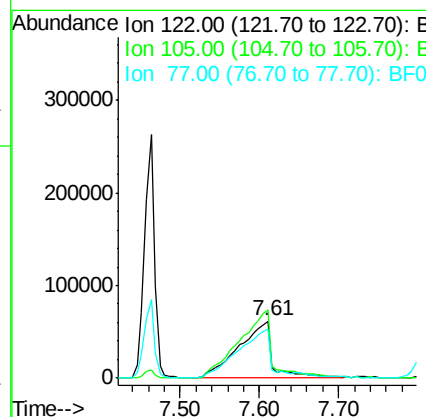
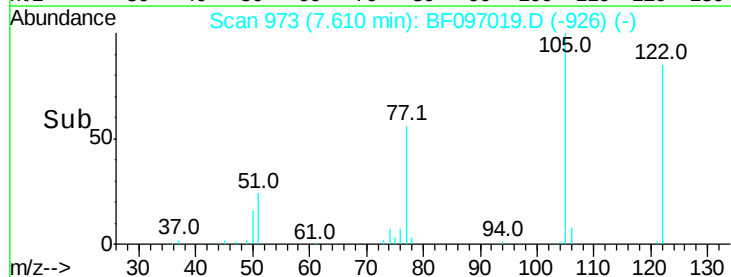
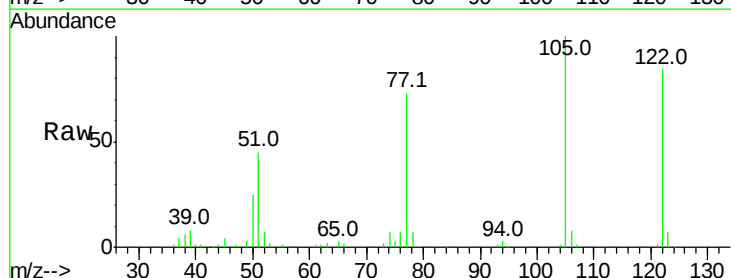
Instrument :
BNA_F
ClientSampleId :

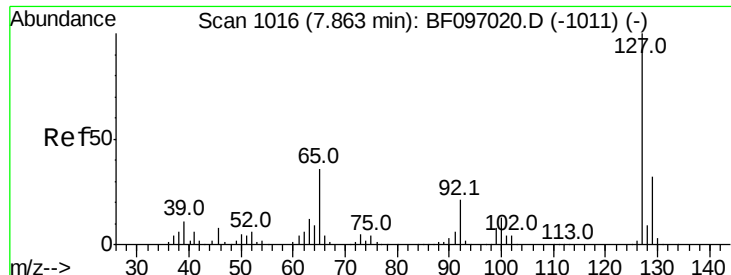
Tot Ion:128 Resp: 716201
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 31.064 ng
RT: 7.61 min Scan# 973
Delta R.T. -0.02 min
Lab File: BF097019.D
Acq: 25 Jul 2017 10:42

Tgt Ion:122 Resp: 180060
Ion Ratio Lower Upper
122 100
105 118.9 103.3 143.3
77 86.9 73.7 113.7

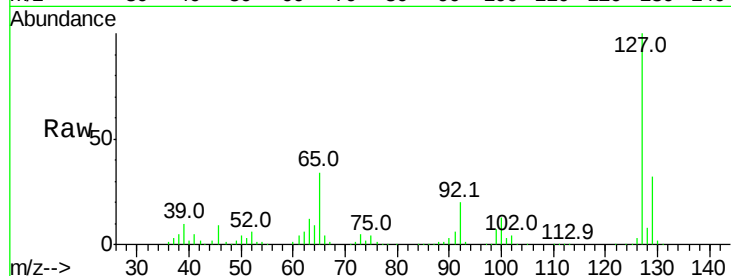




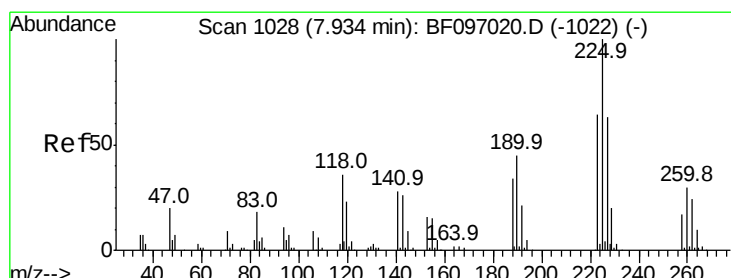
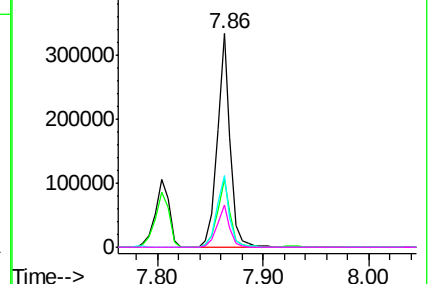
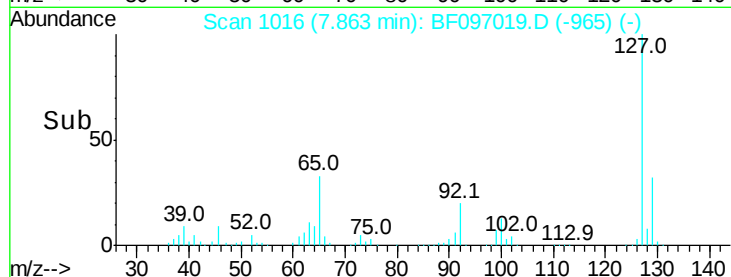
#33
4-Chloroaniline
Concen: 25.733 ng
RT: 7.86 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF097019.D
Acq: 25 Jul 2017 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	286775
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	33.9	27.8	41.8
92	20.0	16.8	25.2

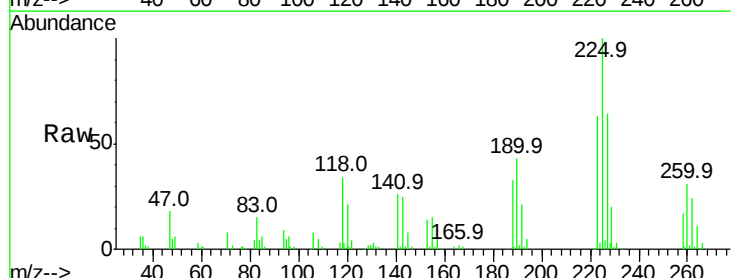


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

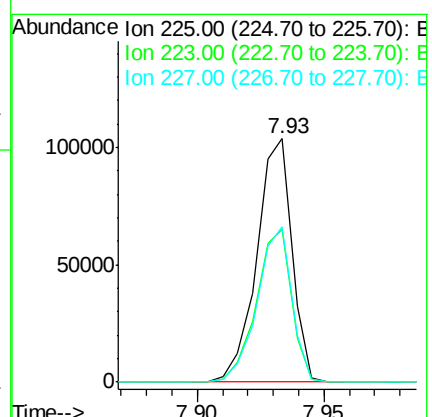
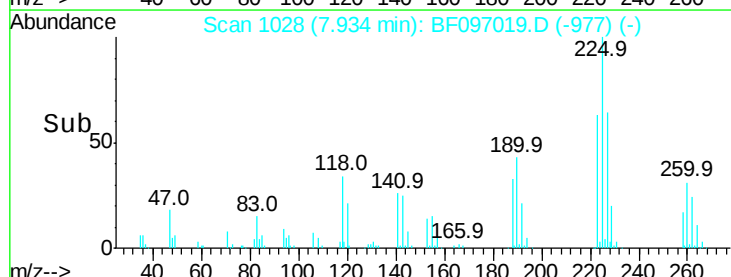


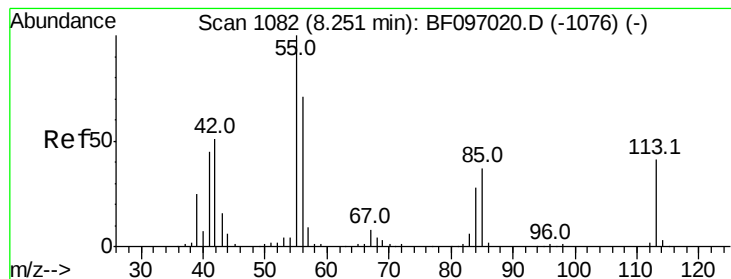
#34
Hexachlorobutadiene
Concen: 24.184 ng
RT: 7.93 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF097019.D
Acq: 25 Jul 2017 10:42

Tgt Ion:	225	Resp:	100768
Ion	Ratio	Lower	Upper
225	100		
223	62.6	48.8	73.2
227	63.7	51.1	76.7



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





#35

Caprolactam

Concen: 23.853 ng

RT: 8.23 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Instrument :

BNA_F

ClientSampleId :

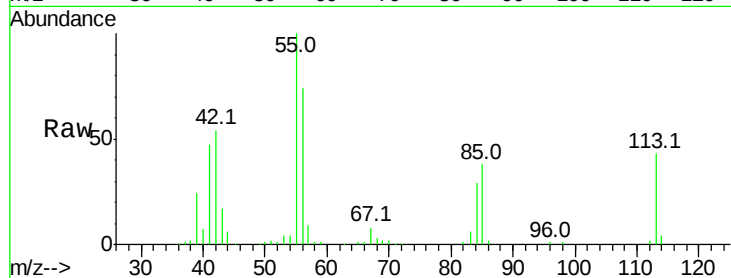
Tot Ion:113 Resp: 62741

Ion Ratio Lower Upper

113 100

55 231.5 150.2 190.2#

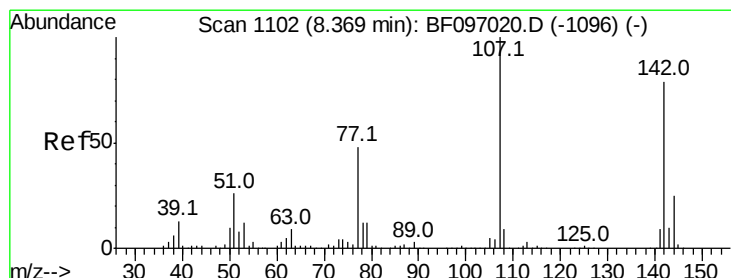
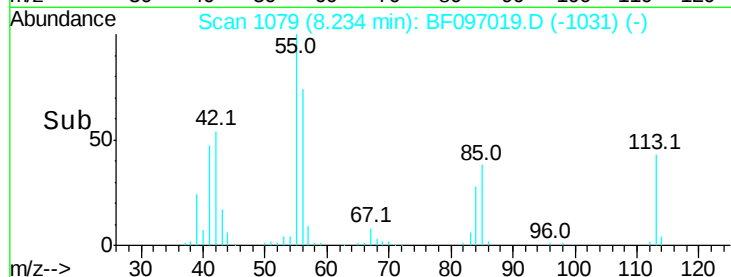
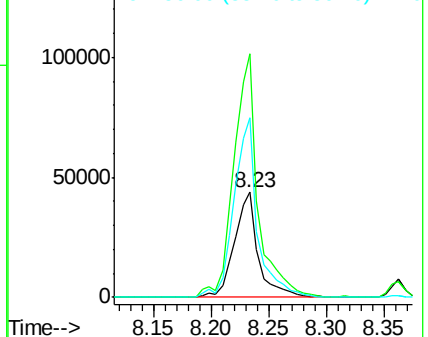
56 170.6 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 24.262 ng

RT: 8.36 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

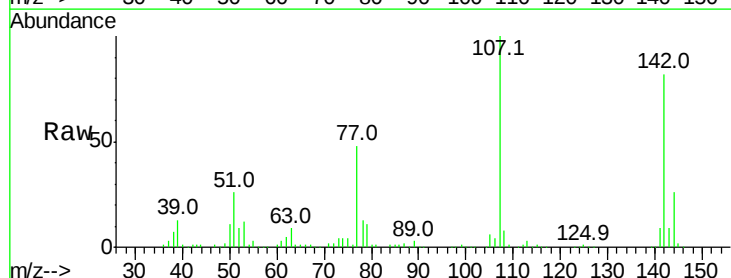
Tgt Ion:107 Resp: 214159

Ion Ratio Lower Upper

107 100

144 26.0 24.2 36.4

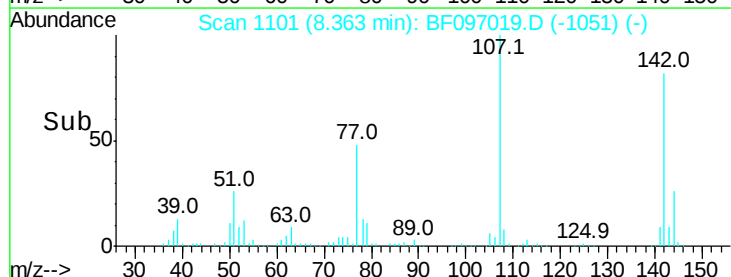
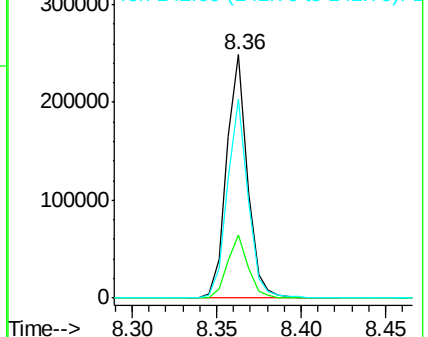
142 81.8 73.4 110.0

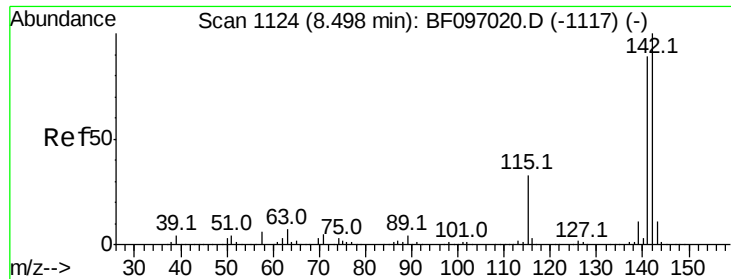


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

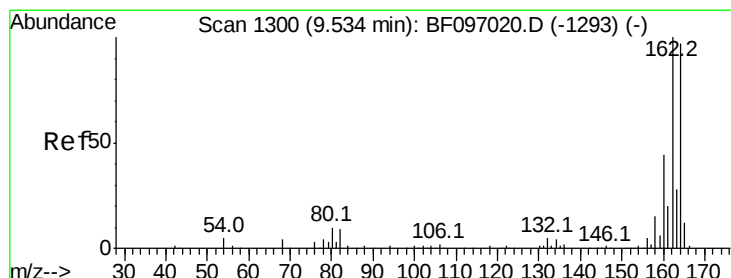
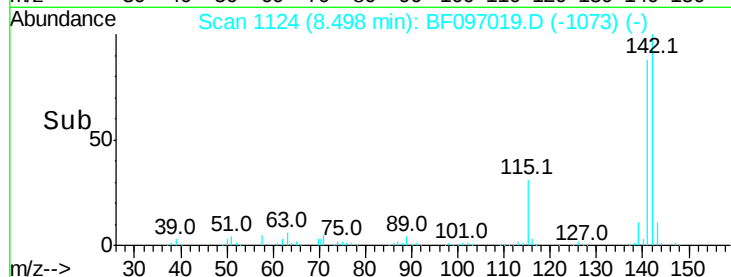
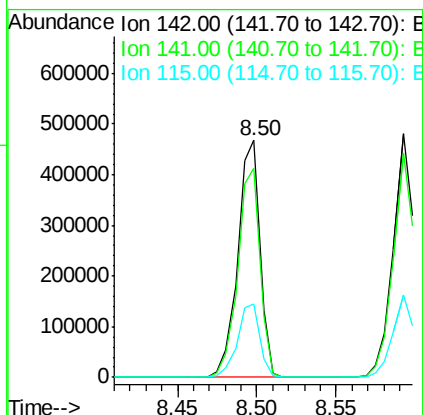
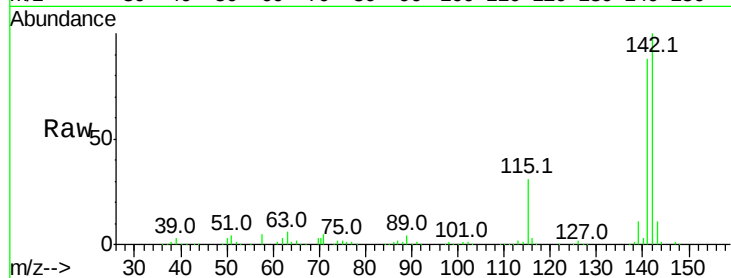




#37
 2-Methylnaphthalene
 Concen: 25.290 ng
 RT: 8.50 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

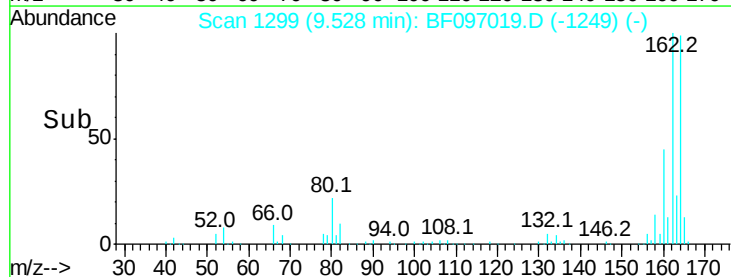
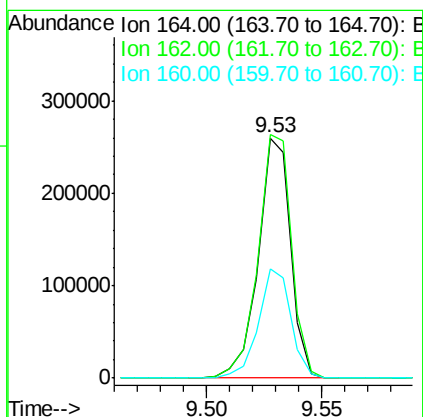
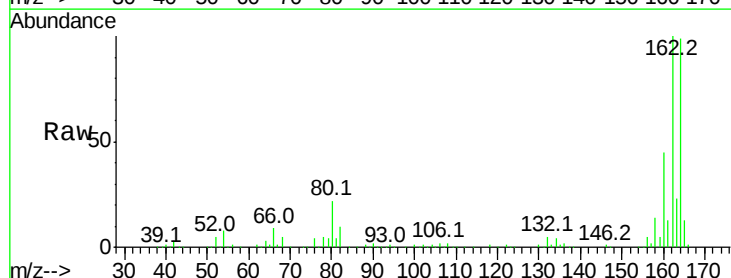
Instrument :
 BNA_F
 ClientSampleId :

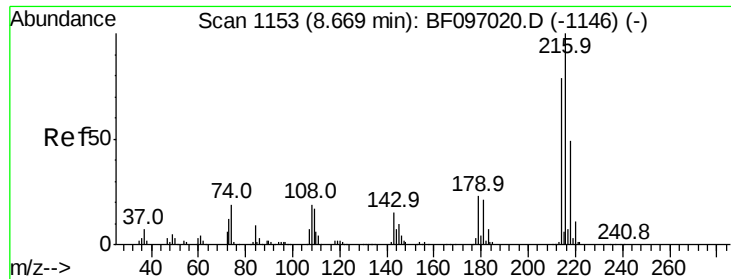
Tot Ion:142 Resp: 453510
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.3 106.9
 115 31.2 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

Tgt Ion:164 Resp: 253968
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.6 123.8
 160 45.6 36.2 54.2

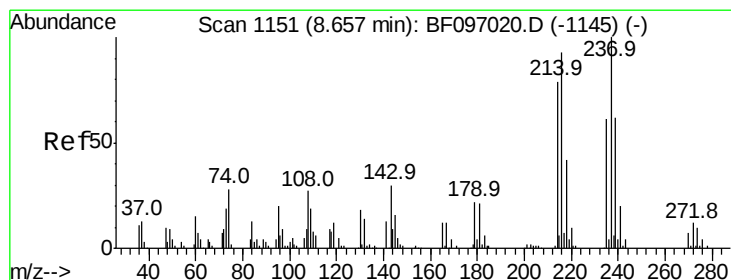
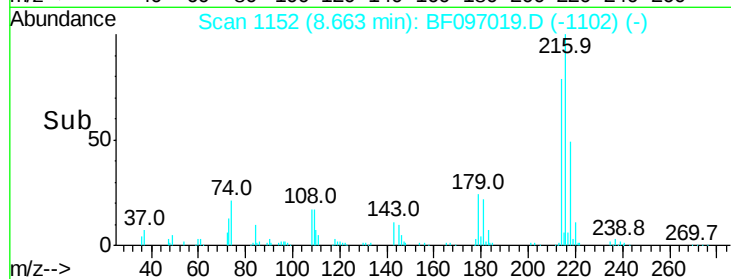
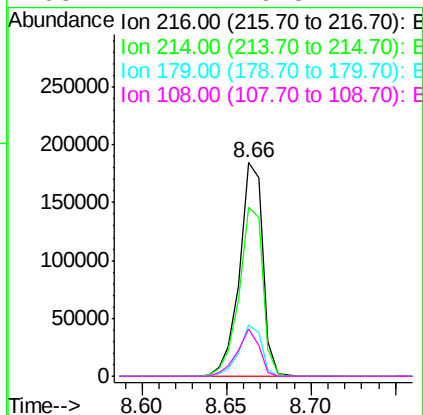
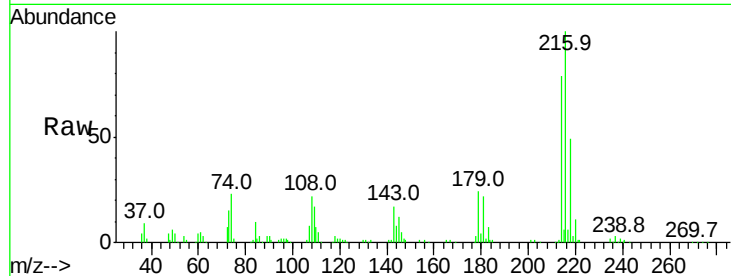




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 25.731 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

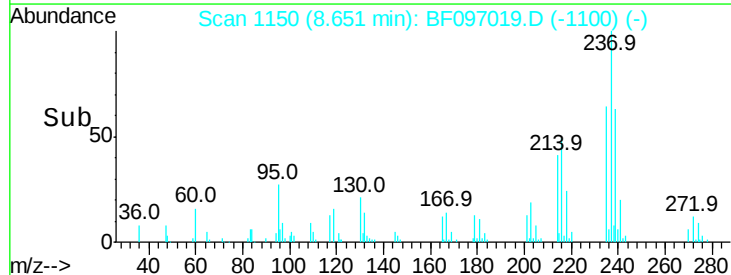
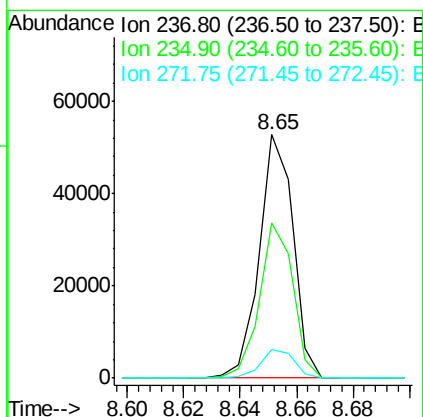
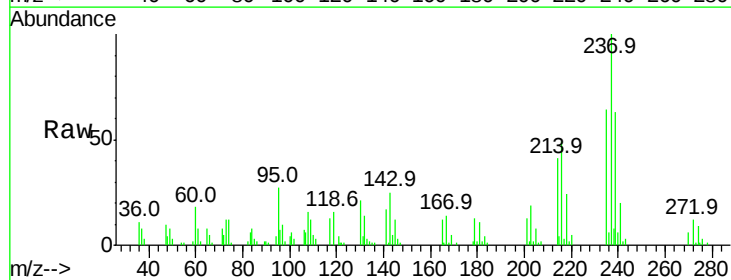
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	176651
Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.4	95.2
179	23.2	17.9	26.9
108	21.2	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 19.162 ng
 RT: 8.65 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

Tgt Ion:	237	Resp:	43721
Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.6	82.6
272	11.8	0.0	31.9

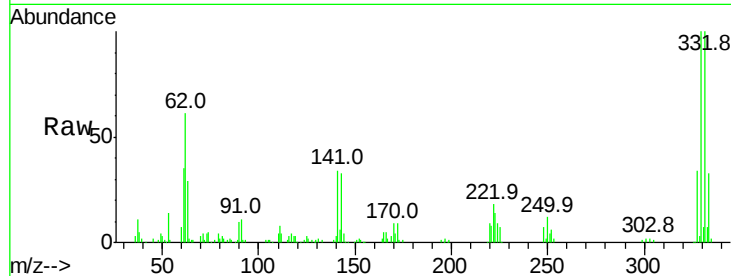




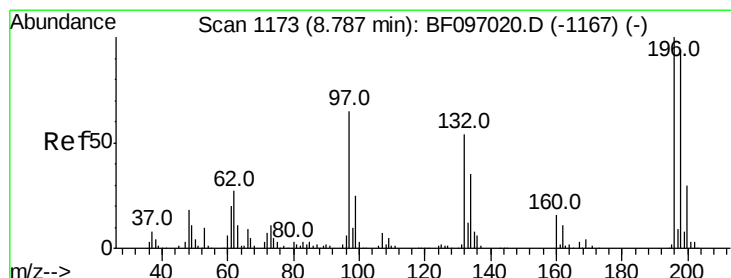
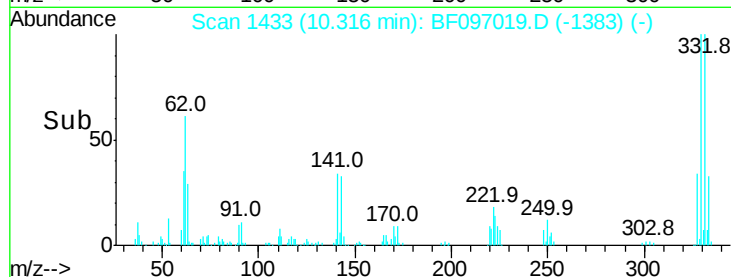
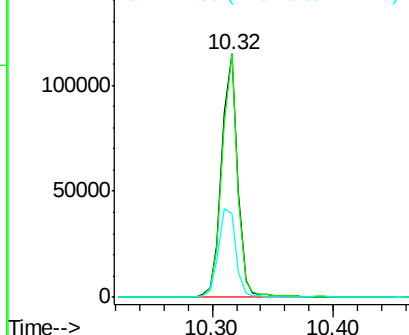
#41
 2,4,6-Tribromophenol
 Concen: 48.651 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 105467
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 39.5 31.4 47.2

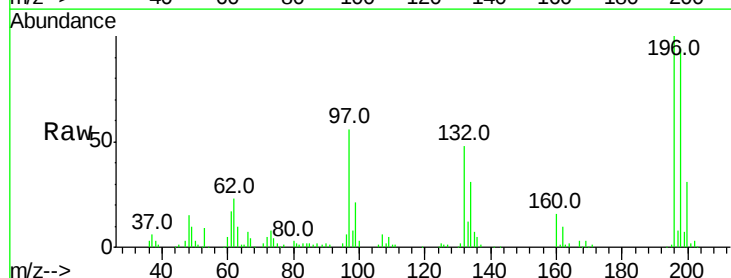


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

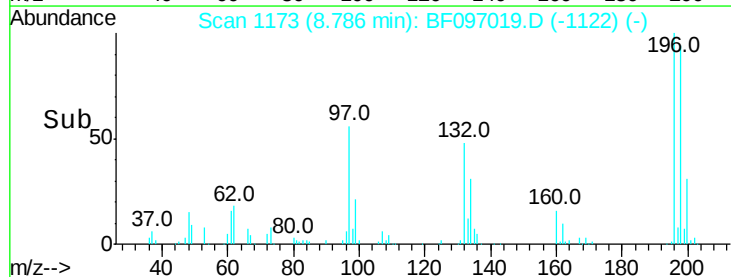
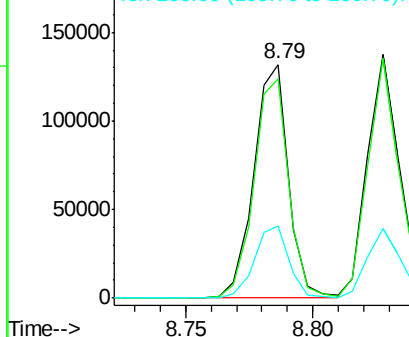


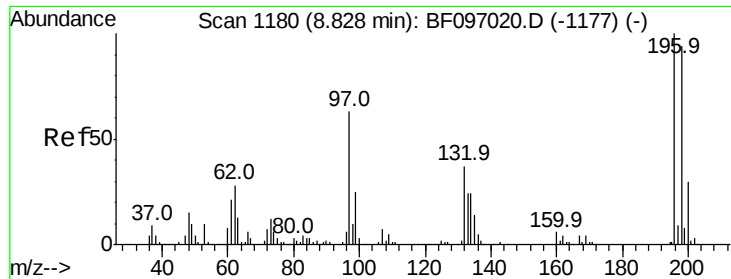
#42
 2,4,6-Trichlorophenol
 Concen: 24.813 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

Tgt Ion:196 Resp: 125654
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.2 111.4
 200 30.7 24.0 36.0



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

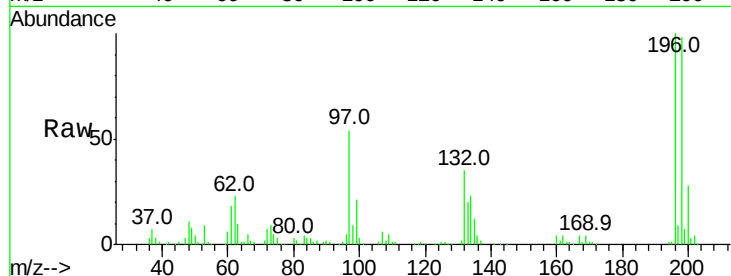




#43
 2,4,5-Trichlorophenol
 Concen: 24.914 ng
 RT: 8.83 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.4	75.7	113.5
97	54.1	47.7	71.5
132	34.8	28.0	42.0



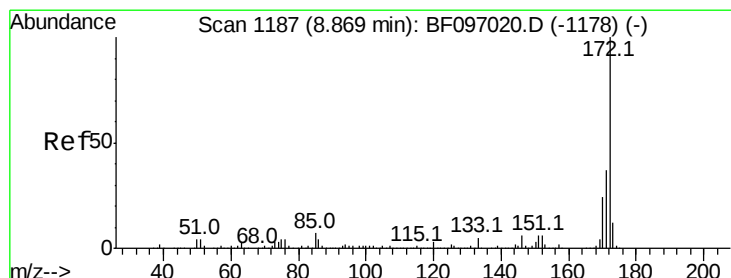
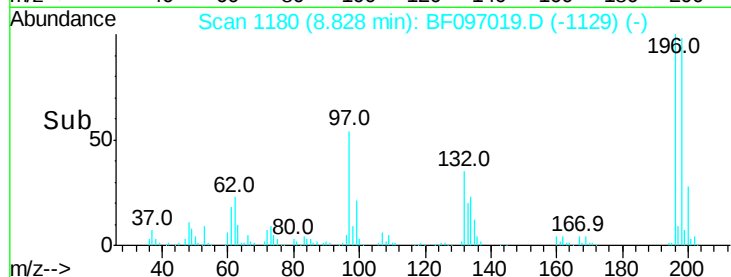
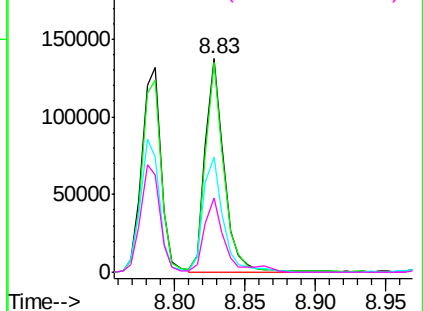
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

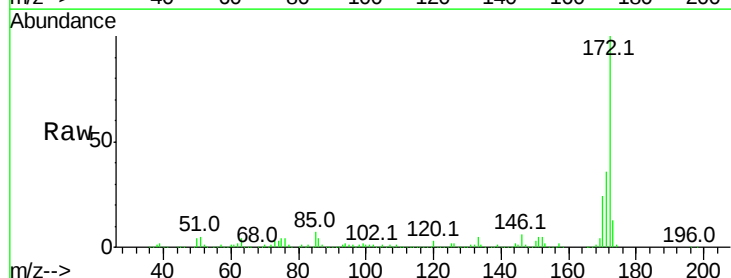
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 50.677 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.3	19.8	29.8

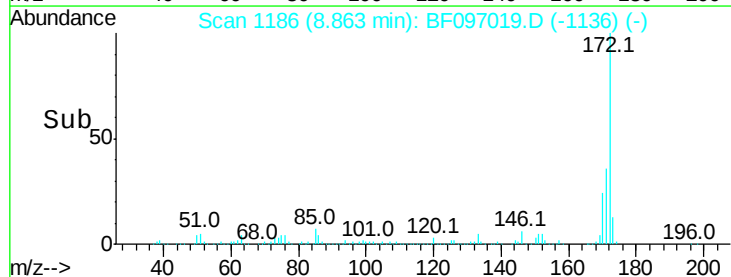
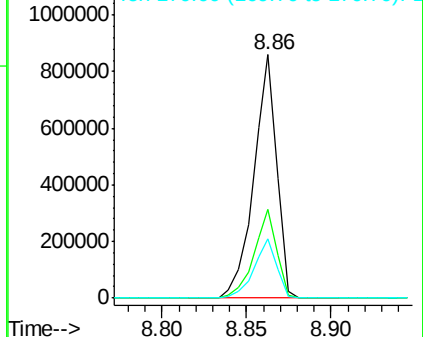


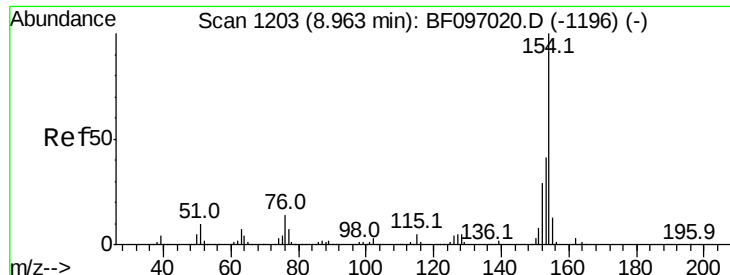
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

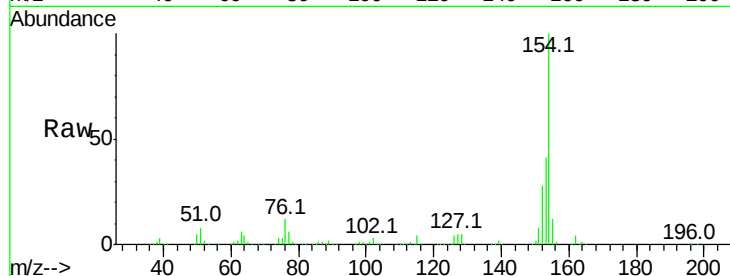




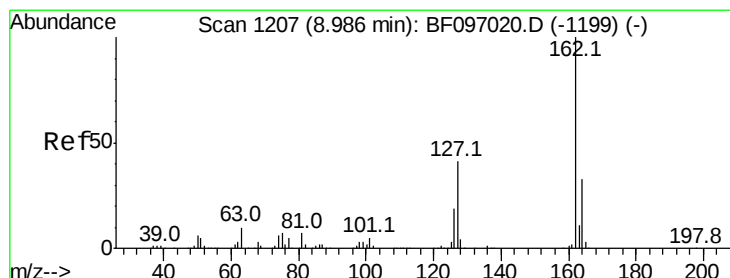
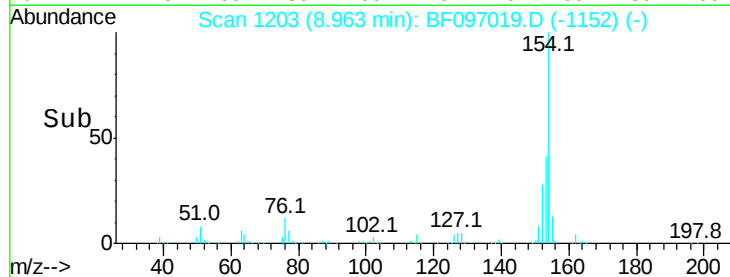
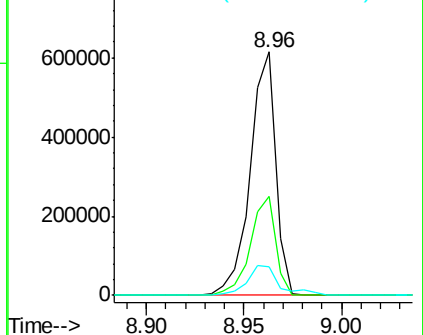
#45
 1,1'-Biphenyl
 Concen: 25.684 ng
 RT: 8.96 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.2	61.2
76	11.7	0.0	29.9

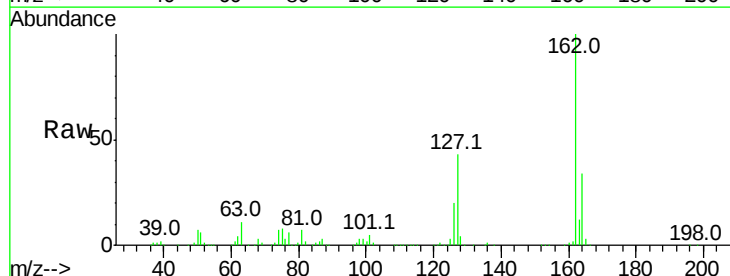


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

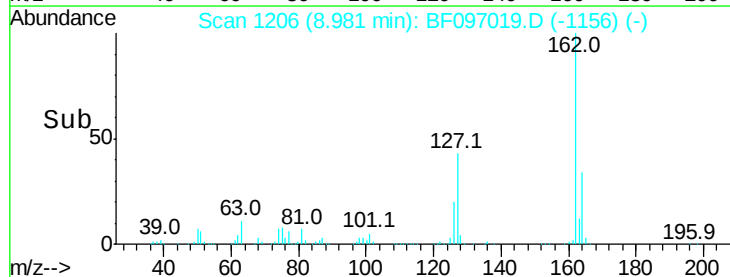
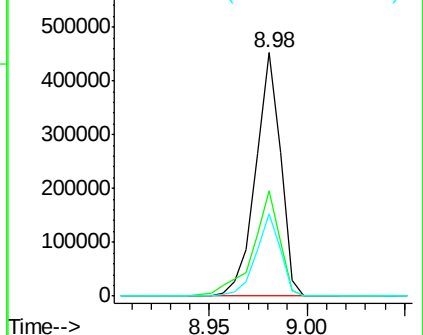


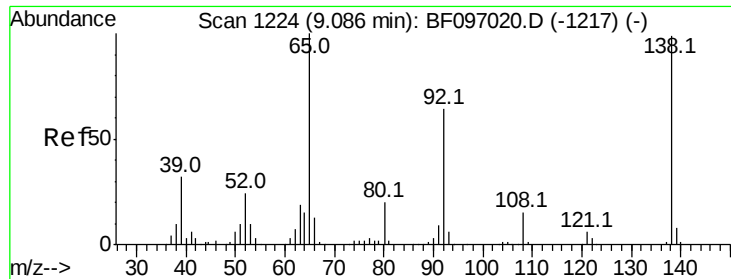
#46
 2-Chloronaphthalene
 Concen: 24.899 ng
 RT: 8.98 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.5	28.3	42.5#
164	33.6	27.0	40.4



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

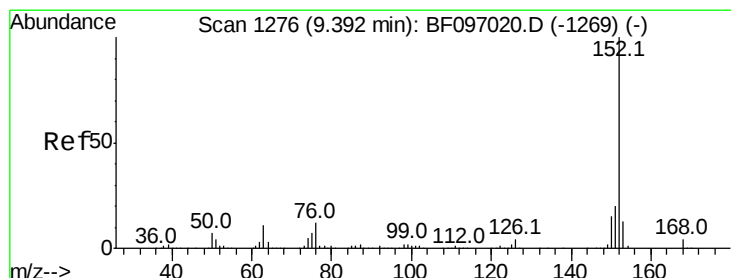
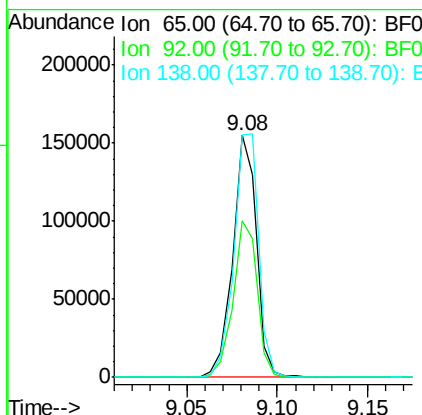
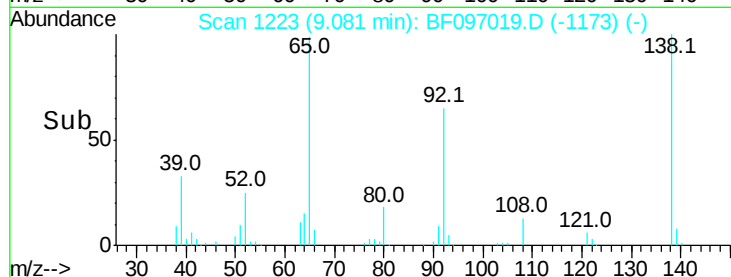
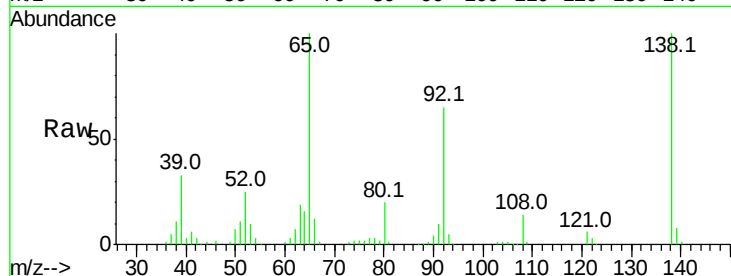




#47
 2-Nitroaniline
 Concen: 25.486 ng
 RT: 9.08 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

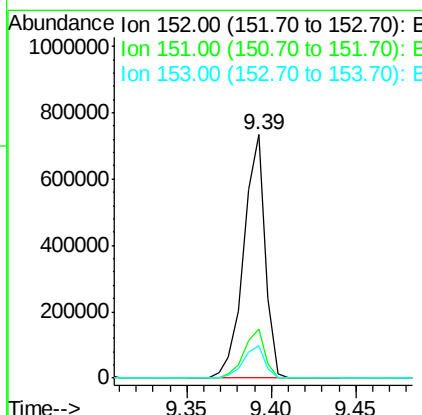
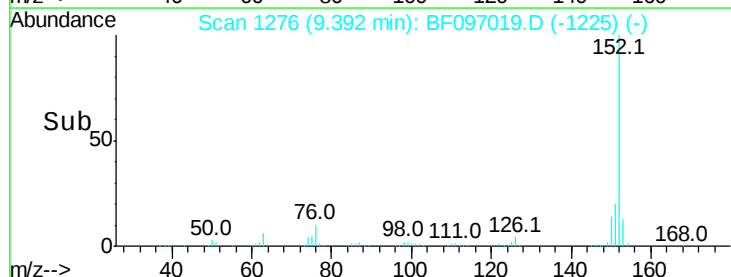
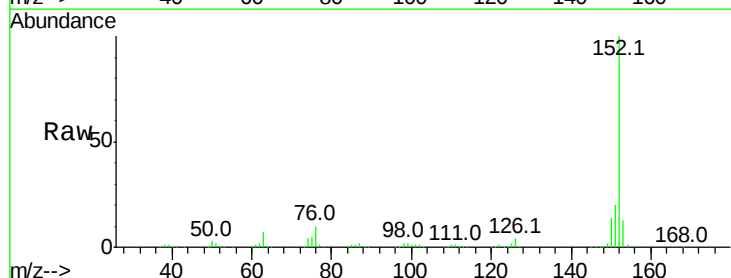
Instrument :
 BNA_F
 ClientSampleId :

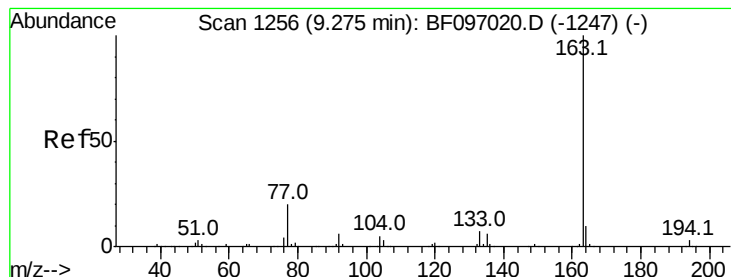
Tot Ion	Ratio	Lower	Upper
65	100		
92	64.6	53.9	80.9
138	100.0	78.8	118.2



#48
 Acenaphthylene
 Concen: 25.455 ng
 RT: 9.39 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	13.3	10.8	16.2





#49

Dimethylphthalate

Concen: 24.858 ng

RT: 9.27 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Instrument :

BNA_F

ClientSampleId :

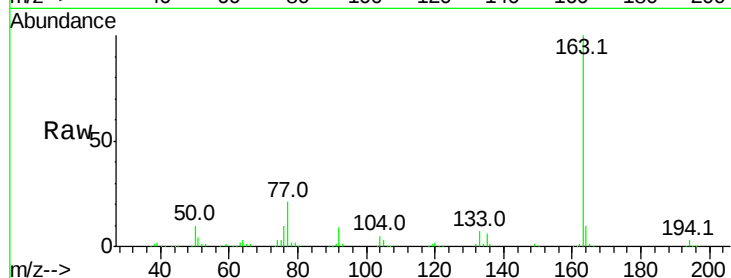
Tot Ion:163 Resp: 475367

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

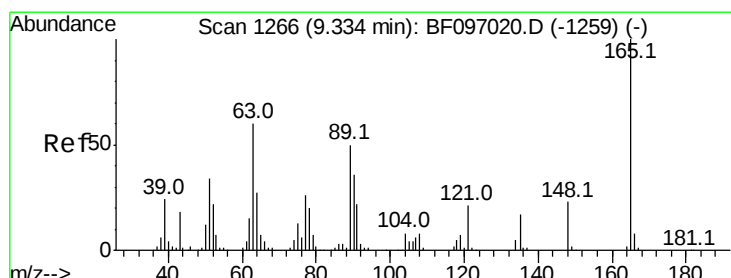
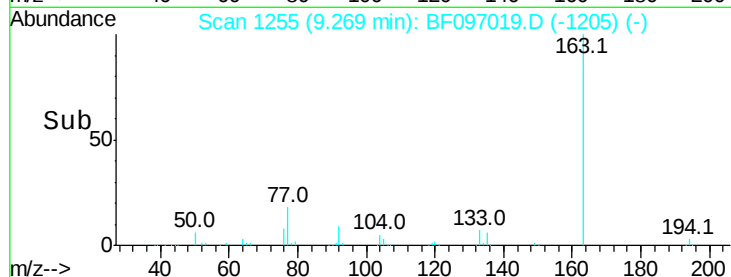
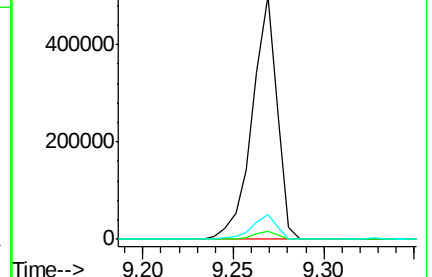
164 10.3 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 24.909 ng

RT: 9.33 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

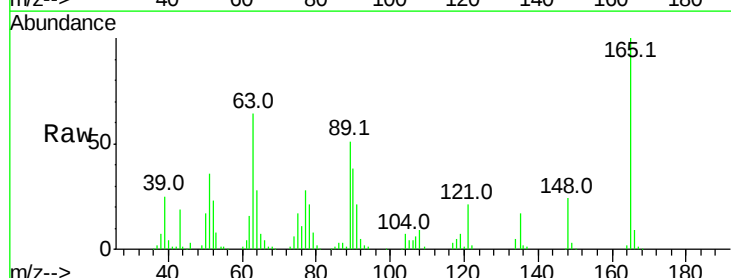
Tgt Ion:165 Resp: 103172

Ion Ratio Lower Upper

165 100

63 63.7 34.3 51.5#

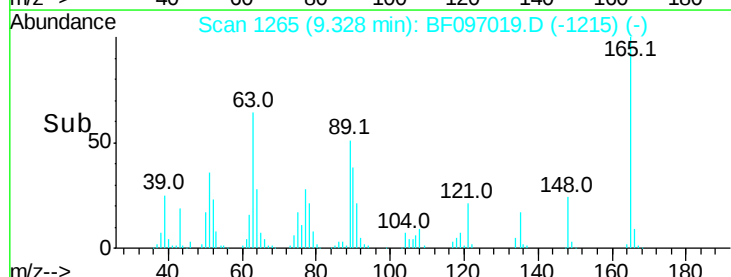
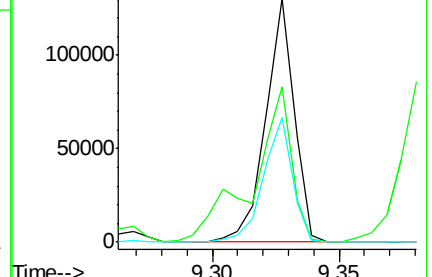
89 51.4 37.1 55.7

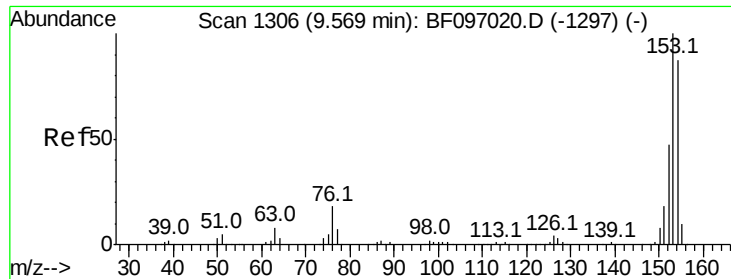


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

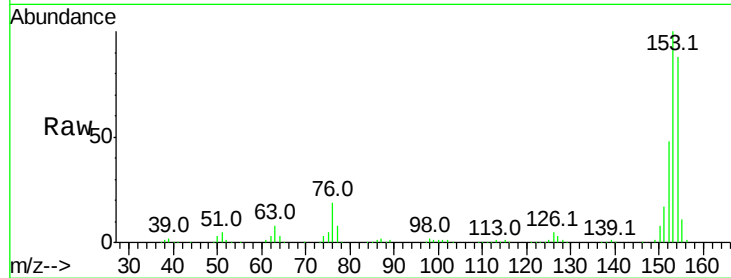




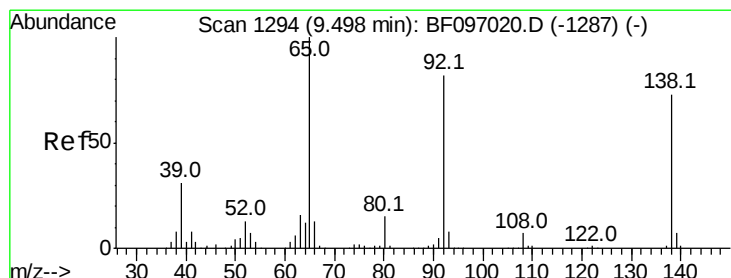
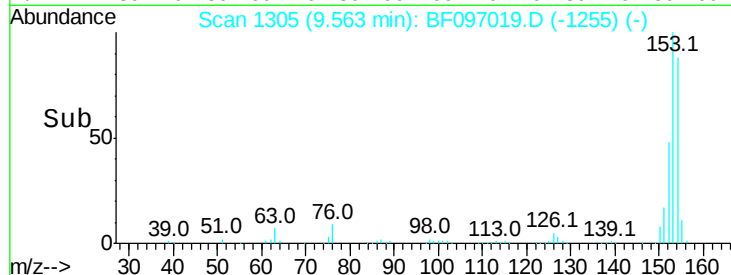
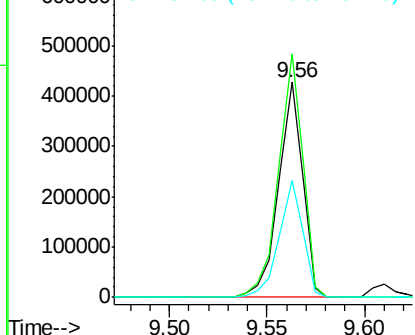
#51
Acenaphthene
Concen: 24.359 ng
RT: 9.56 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF097019.D
Acq: 25 Jul 2017 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 367733
Ion Ratio Lower Upper
154 100
153 113.2 90.5 135.7
152 54.5 43.6 65.4

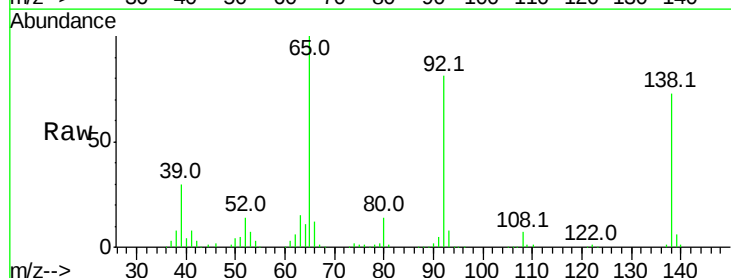


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

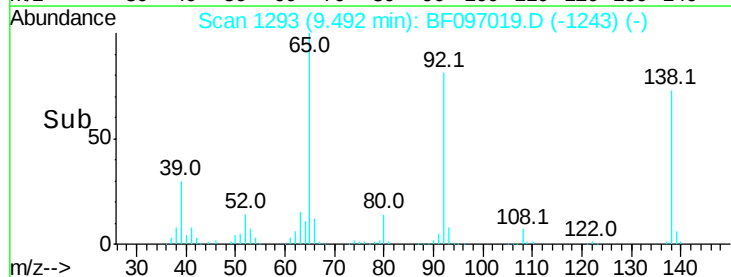
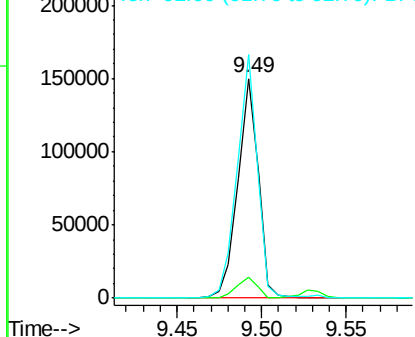


#52
3-Nitroaniline
Concen: 25.708 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF097019.D
Acq: 25 Jul 2017 10:42

Tgt Ion:138 Resp: 126146
Ion Ratio Lower Upper
138 100
108 9.5 9.1 13.7
92 110.7 93.8 140.6



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): BF0

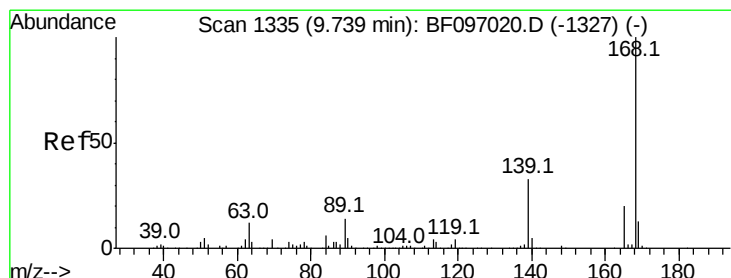
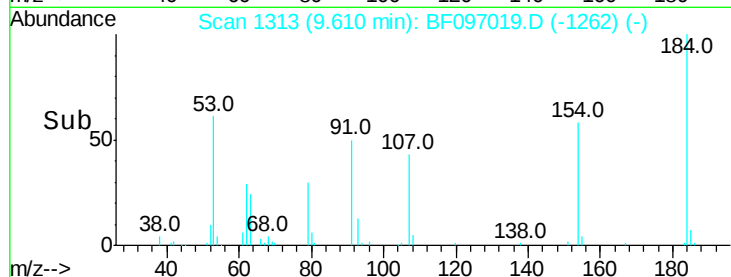
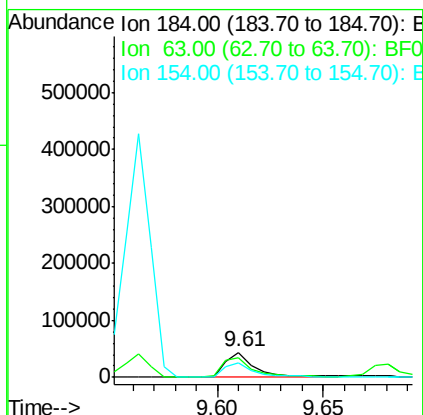
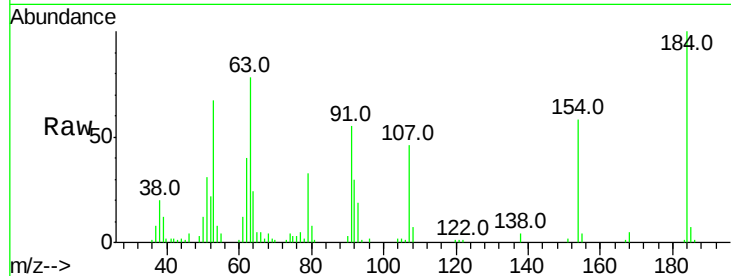




#53
 2,4-Dinitrophenol
 Concen: 25.142 ng
 RT: 9.61 min Scan# 1313
 Delta R.T. -0.00 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

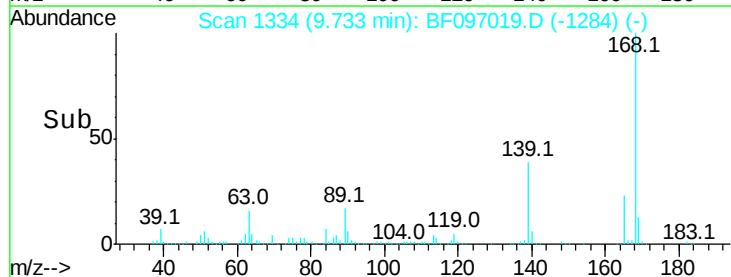
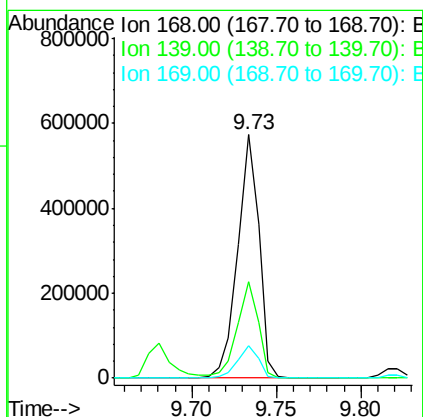
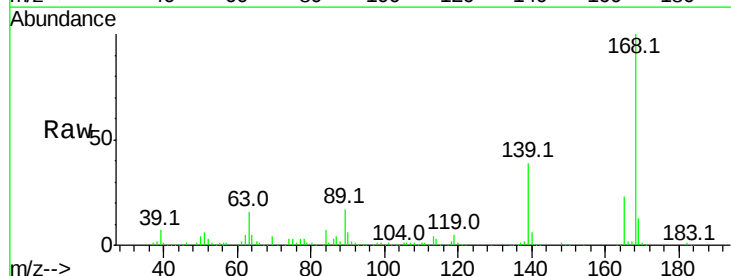
Instrument :
 BNA_F
 ClientSampleId :

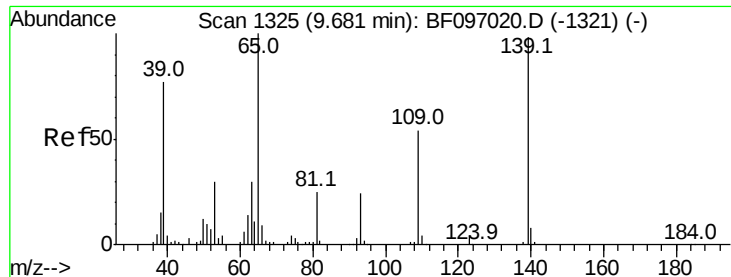
Tot Ion:184 Resp: 43808
 Ion Ratio Lower Upper
 184 100
 63 77.8 62.7 94.1
 154 58.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 23.673 ng
 RT: 9.73 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

Tgt Ion:168 Resp: 500813
 Ion Ratio Lower Upper
 168 100
 139 39.4 30.6 45.8
 169 13.3 10.8 16.2





#55

4-Nitrophenol

Concen: 22.536 ng

RT: 9.68 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Instrument :

BNA_F

ClientSampleId :

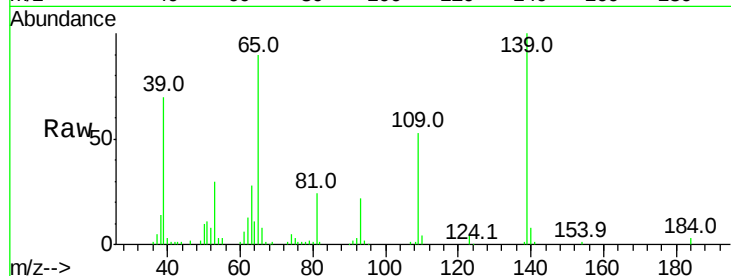
Tot Ion:139 Resp: 80789

Ion Ratio Lower Upper

139 100

109 53.4 34.1 74.1

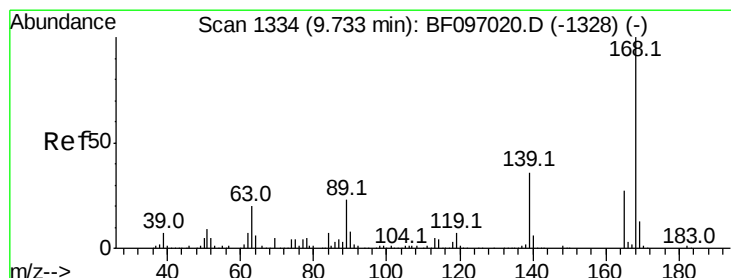
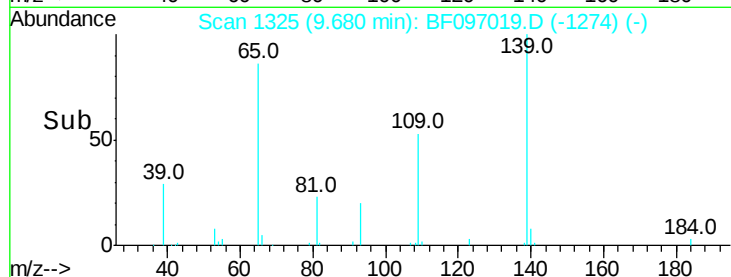
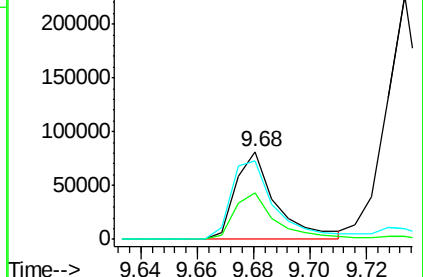
65 89.8 31.4 71.4#



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): BF0



#56

2,4-Dinitrotoluene

Concen: 23.024 ng

RT: 9.73 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Tgt Ion:165 Resp: 122547

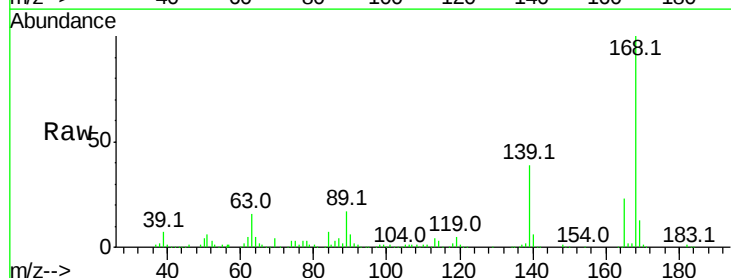
Ion Ratio Lower Upper

165 100

63 68.8 25.4 38.0#

89 73.6 46.4 69.6#

182 2.4 1.8 2.6

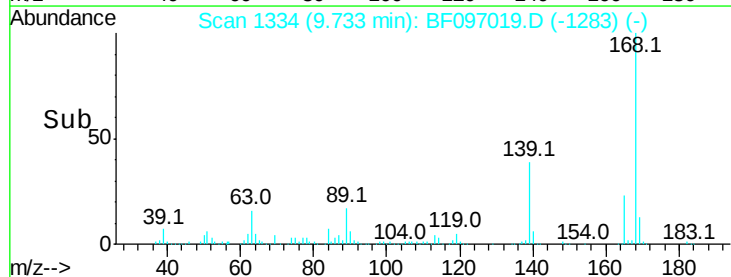
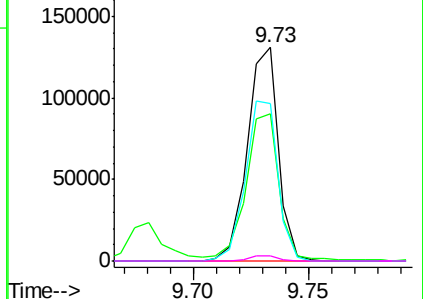


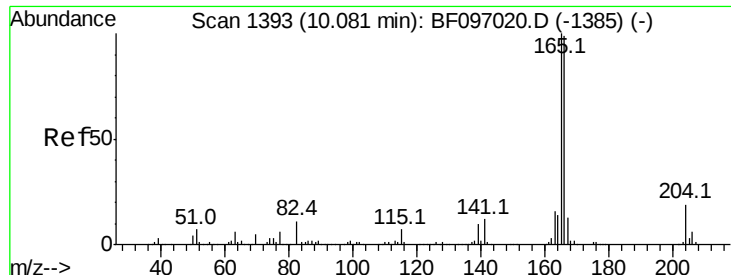
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

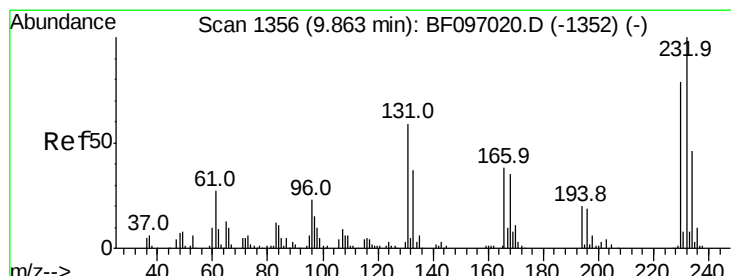
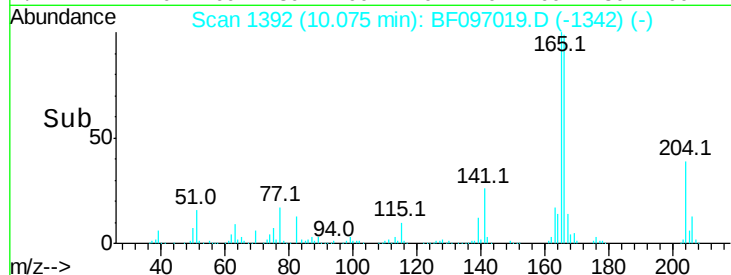
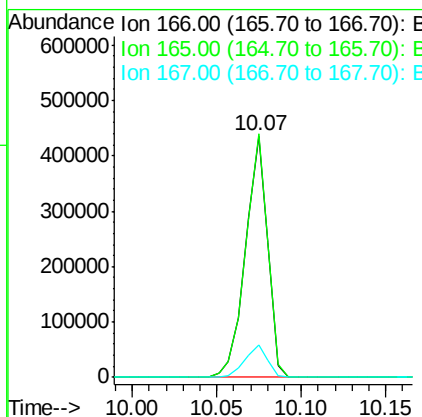
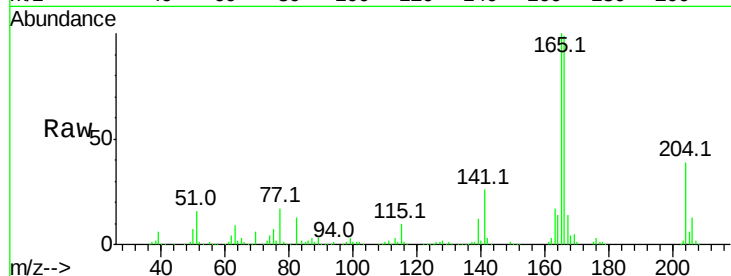




#57
Fluorene
 Concen: 25.700 ng
 RT: 10.07 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

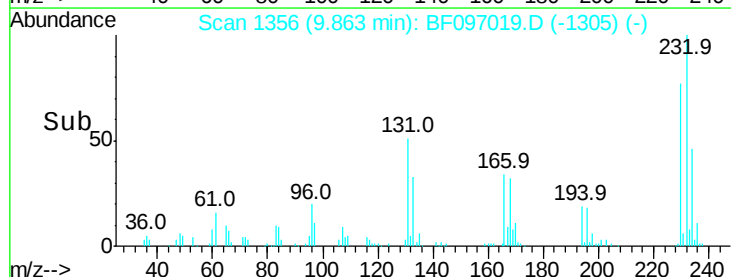
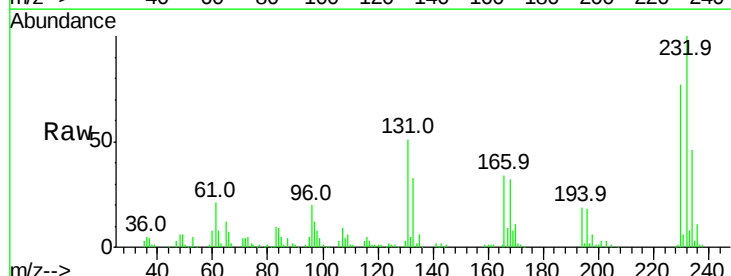
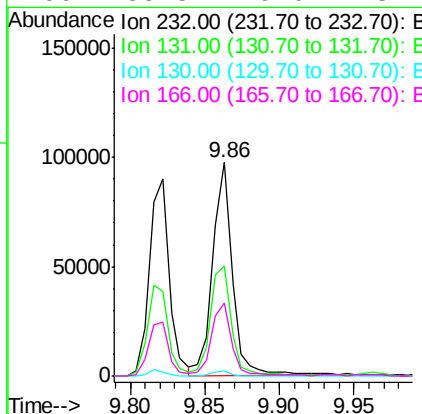
Instrument :
 BNA_F
 ClientSampleId :

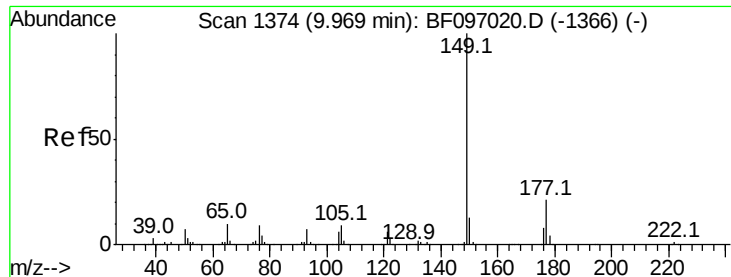
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.8	78.8	118.2
167	13.6	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 25.268 ng
 RT: 9.86 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

Tgt Ion	Ratio	Lower	Upper
232	100		
231	57.0	44.8	67.2
130	2.3	2.3	3.5
166	35.5	29.0	43.4

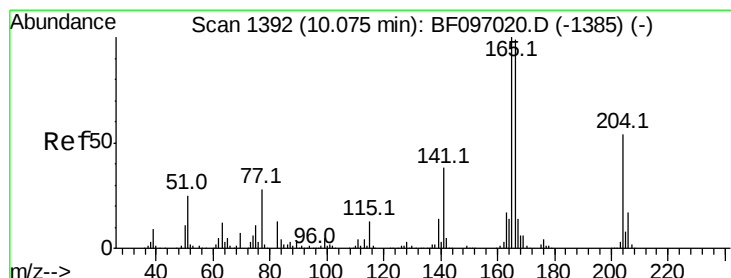
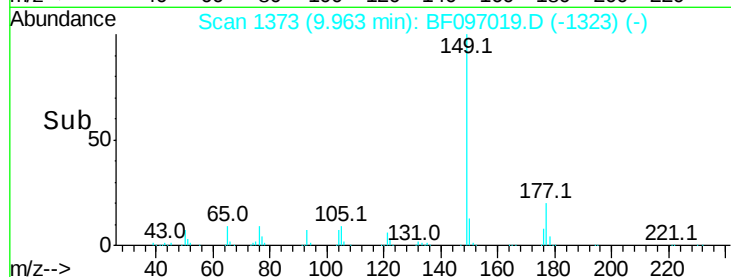
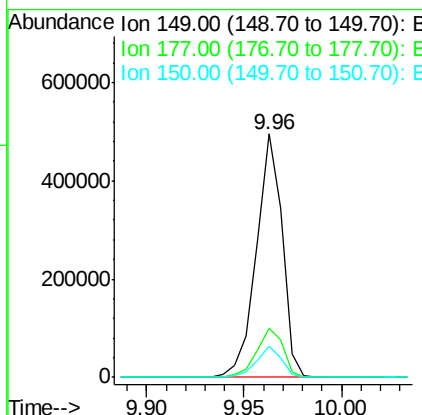
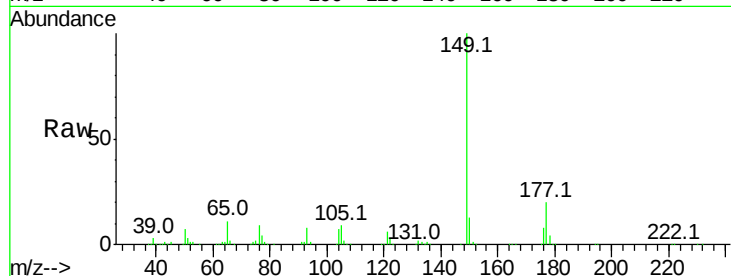




#59
 Diethylphthalate
 Concen: 24.385 ng
 RT: 9.96 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

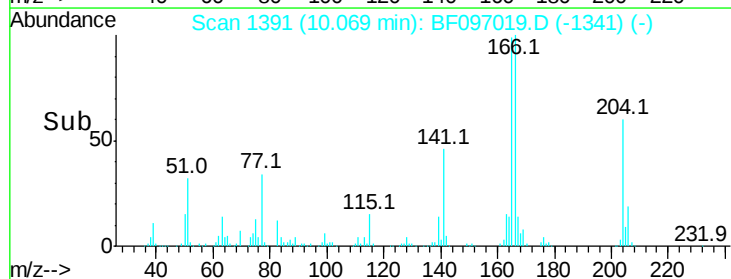
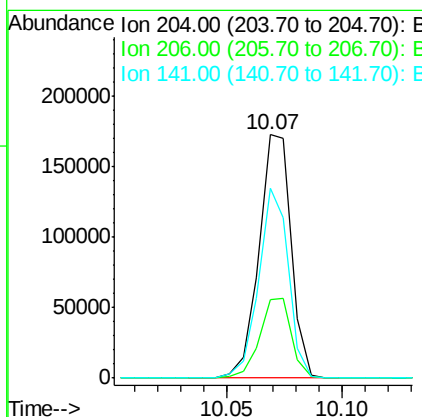
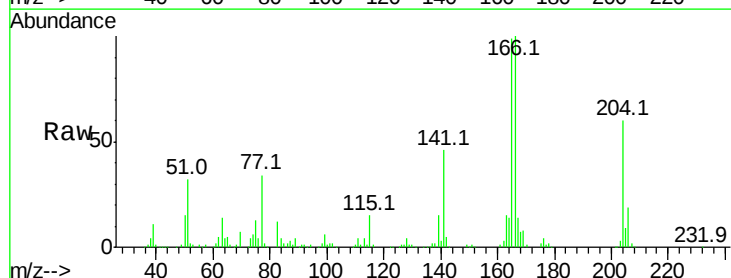
Instrument :
 BNA_F
 ClientSampleId :

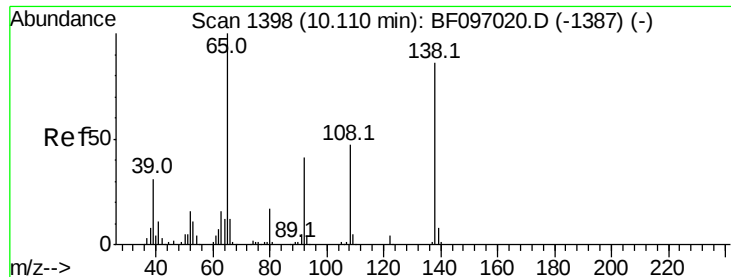
Tot Ion:	149	Resp:	453965
Ion	Ratio	Lower	Upper
149	100		
177	20.4	16.7	25.1
150	12.7	10.2	15.2



#60
 4-Chlorophenyl-phenylether
 Concen: 25.540 ng
 RT: 10.07 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

Tgt Ion:	204	Resp:	167869
Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.2
141	77.8	60.8	91.2





#61

4-Nitroaniline

Concen: 27.997 ng

RT: 10.10 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Instrument :

BNA_F

ClientSampleId :

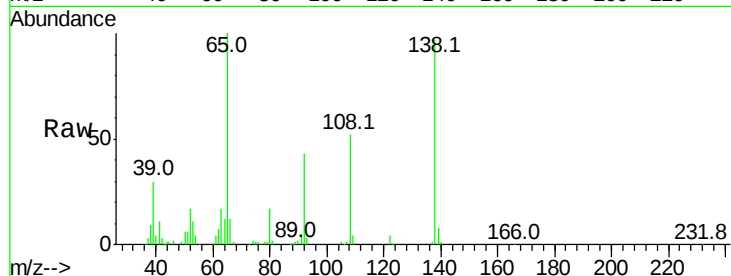
Tot Ion:138 Resp: 129005

Ion Ratio Lower Upper

138 100

92 44.5 21.8 61.8

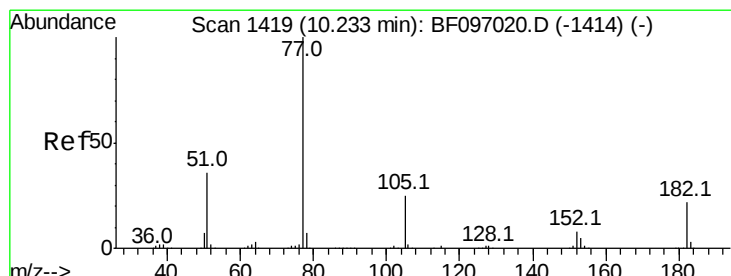
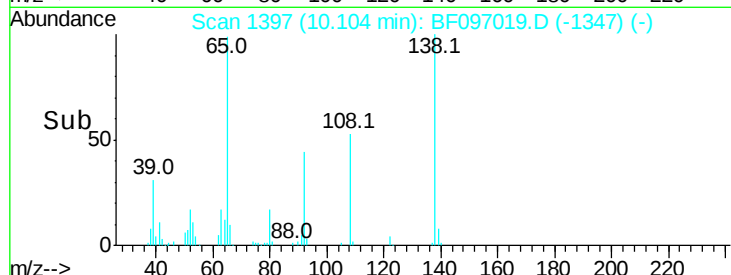
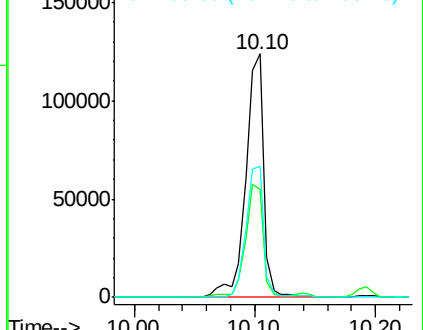
108 53.8 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 25.809 ng

RT: 10.23 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Tgt Ion: 77 Resp: 423857

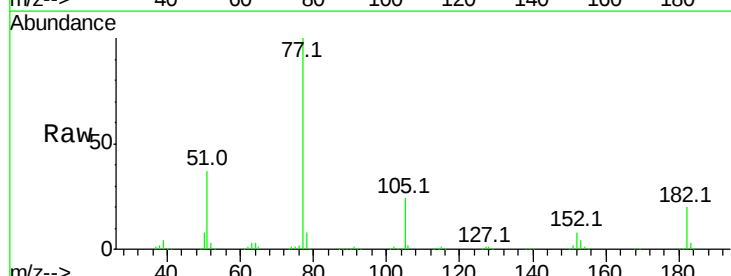
Ion Ratio Lower Upper

77 100

182 19.8 0.1 40.1

105 24.3 3.6 43.6

51 37.0 9.4 49.4

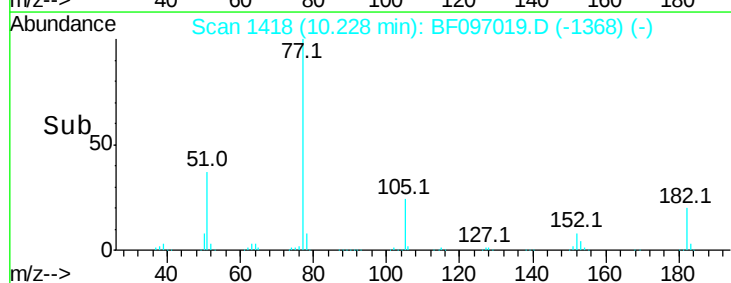
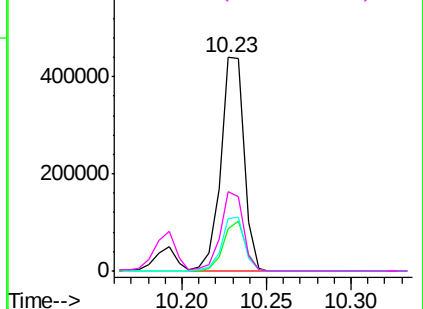


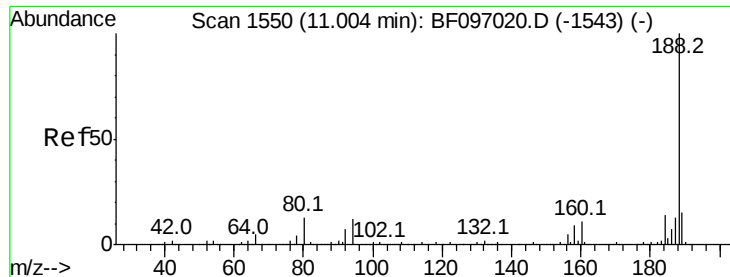
Abundance Ion 77.00 (76.70 to 77.70): BF0

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): BF0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.00 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Instrument :

BNA_F

ClientSampled :

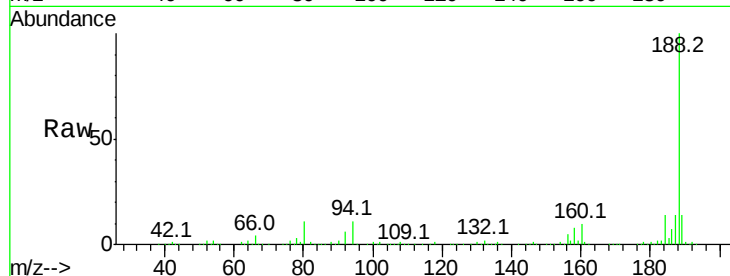
Tot Ion:188 Resp: 410032

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

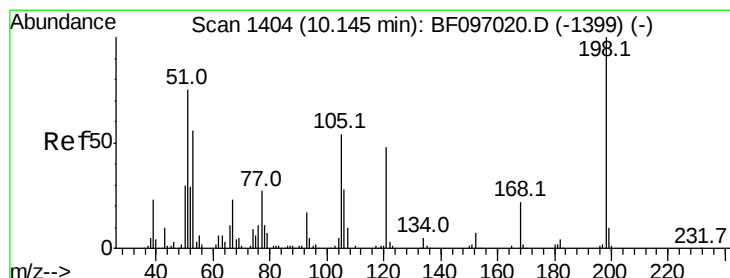
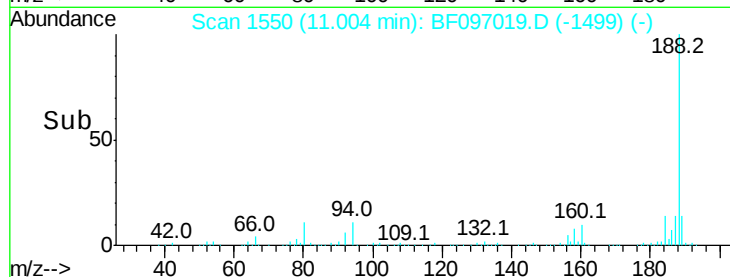
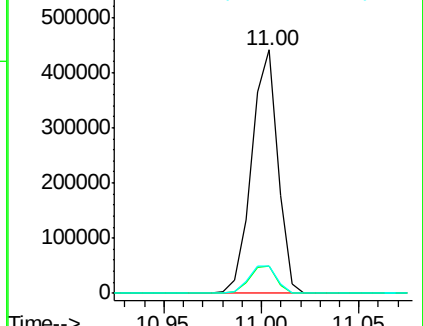
80 11.3 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 27.348 ng

RT: 10.14 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

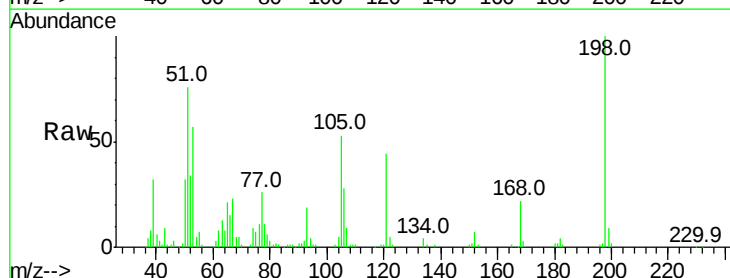
Tgt Ion:198 Resp: 70406

Ion Ratio Lower Upper

198 100

51 75.6 53.2 93.2

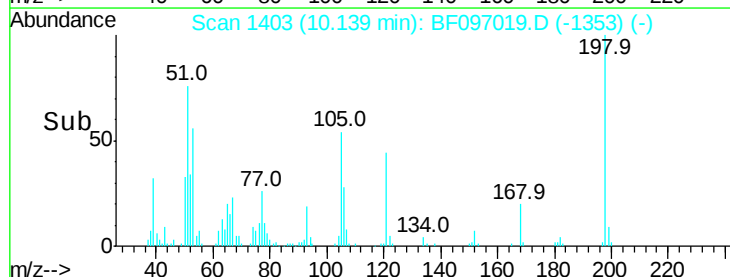
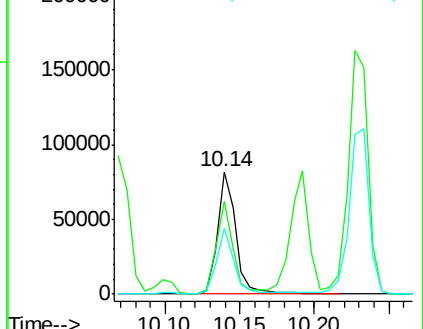
105 53.4 45.8 85.8

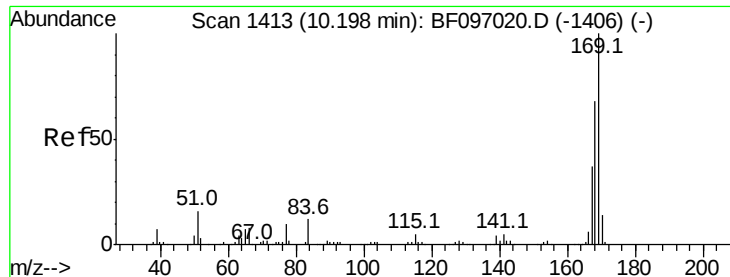


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 24.996 ng

RT: 10.19 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Instrument :

BNA_F

ClientSampleId :

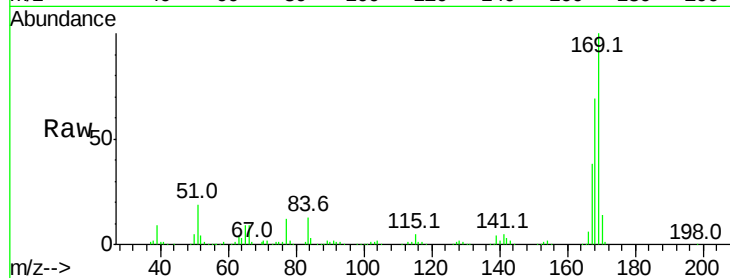
Tot Ion:169 Resp: 366362

Ion Ratio Lower Upper

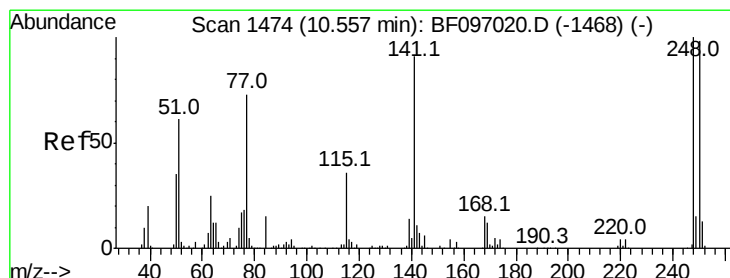
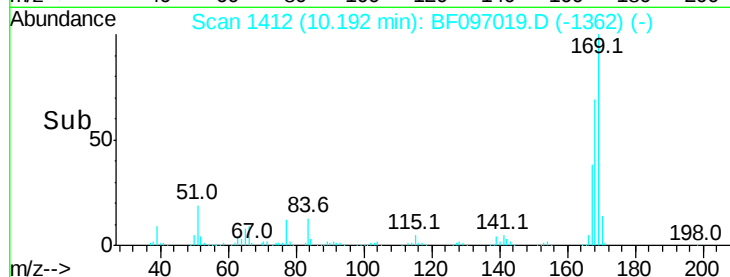
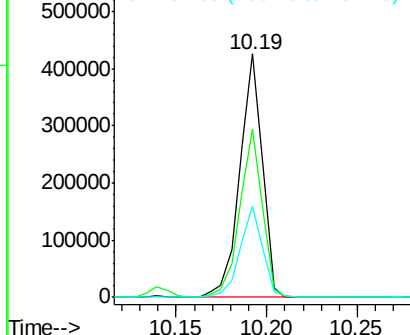
169 100

168 69.0 53.2 79.8

167 37.6 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



#66

4-Bromophenyl-phenylether

Concen: 25.812 ng

RT: 10.56 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

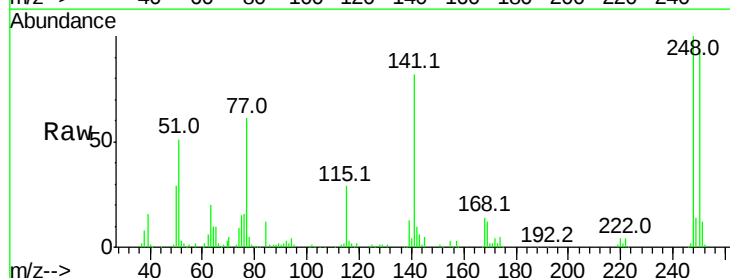
Tgt Ion:248 Resp: 108055

Ion Ratio Lower Upper

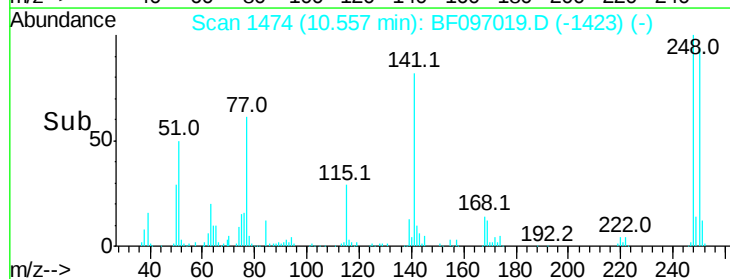
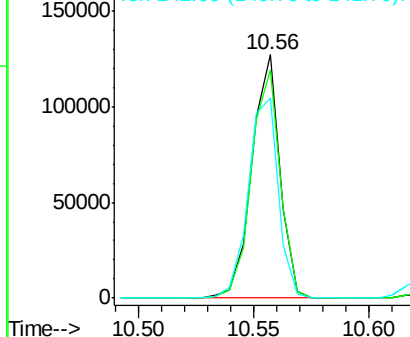
248 100

250 93.6 76.8 115.2

141 82.4 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 25.318 ng

RT: 10.62 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Instrument :

BNA_F

ClientSampleId :

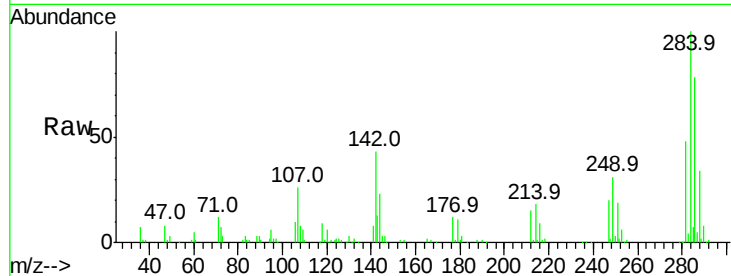
Tot Ion:284 Resp: 118046

Ion Ratio Lower Upper

284 100

142 42.8 22.8 34.2#

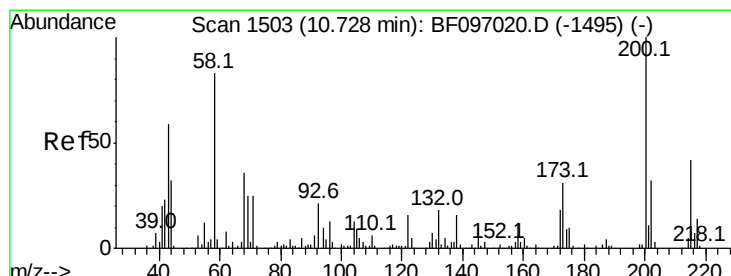
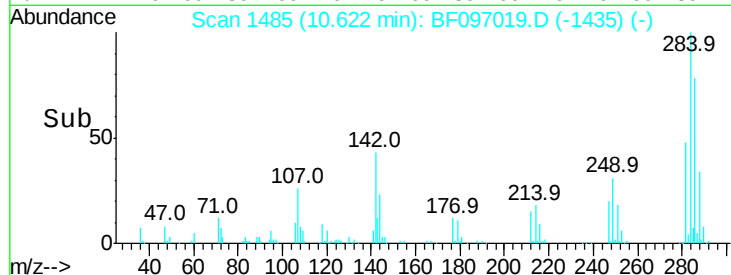
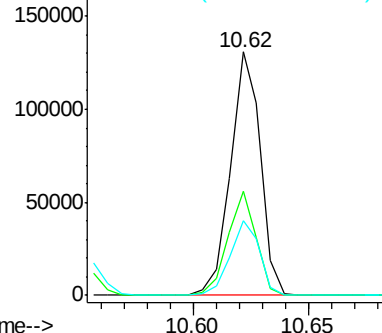
249 30.7 24.0 36.0



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



#68

Atrazine

Concen: 25.763 ng

RT: 10.72 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

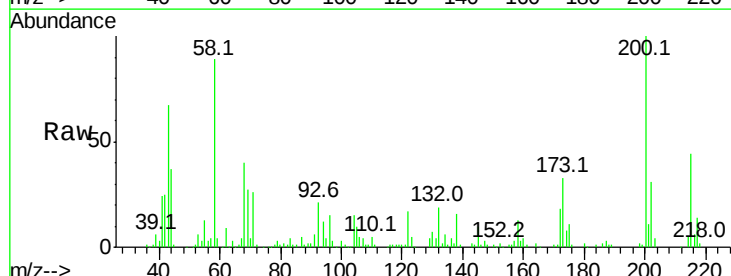
Tgt Ion:200 Resp: 107582

Ion Ratio Lower Upper

200 100

173 32.7 6.3 46.3

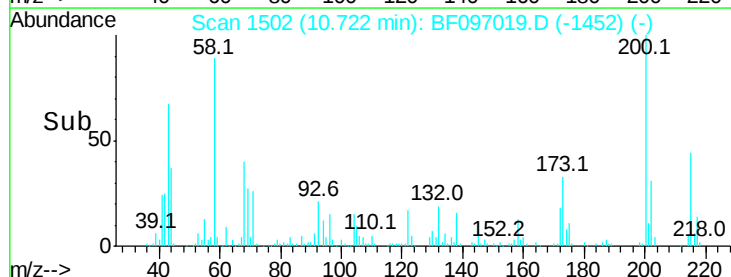
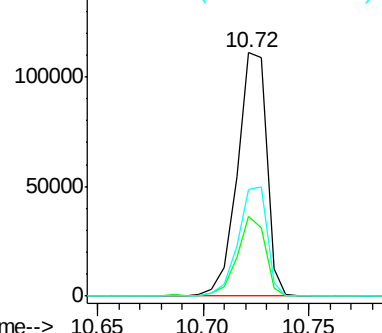
215 43.6 27.2 67.2

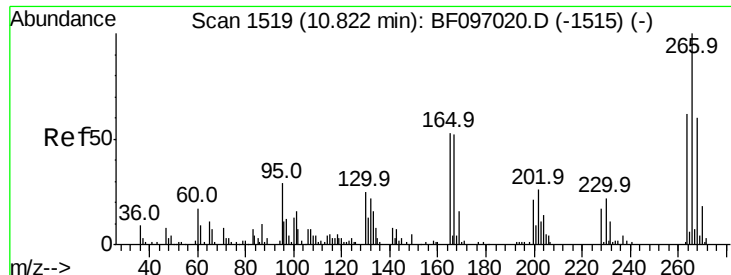


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

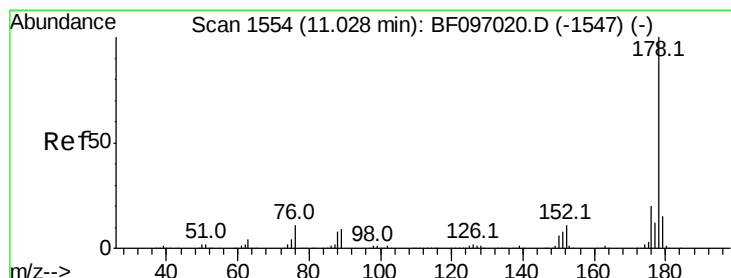
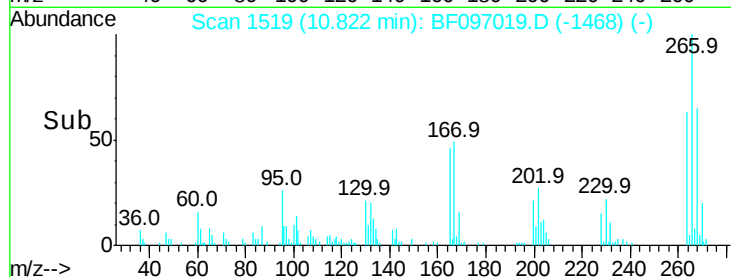
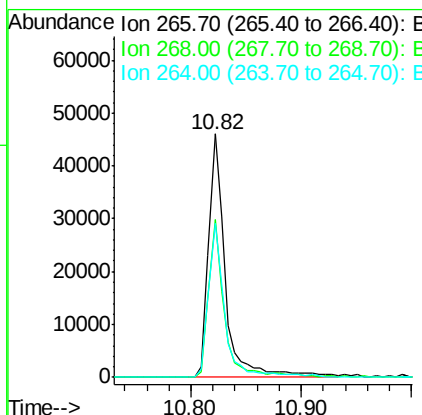
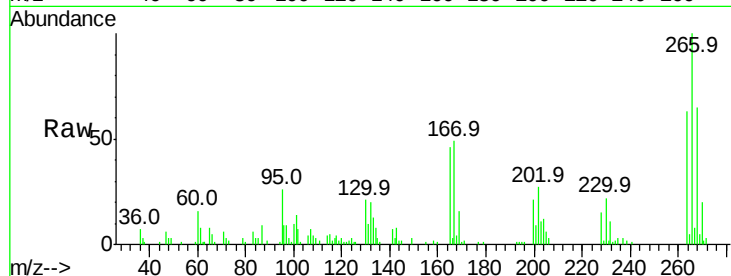




#69
 Pentachlorophenol
 Concen: 20.953 ng
 RT: 10.82 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

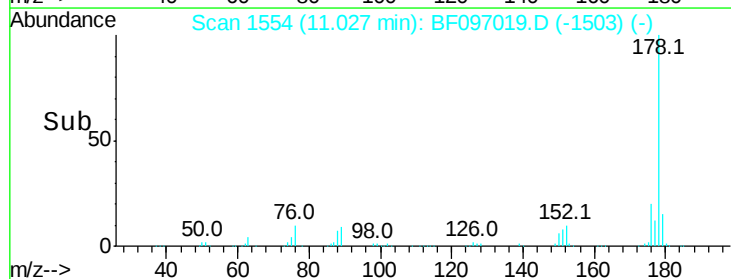
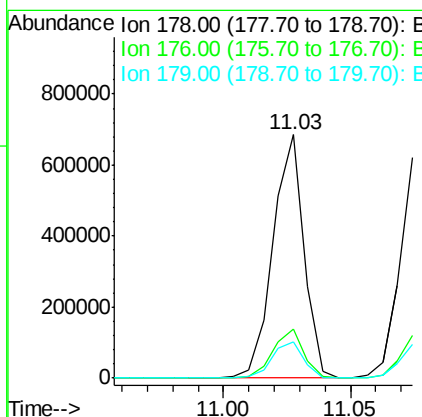
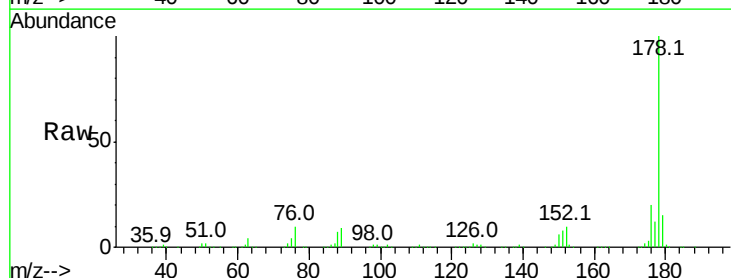
Instrument :
 BNA_F
 ClientSampleId :

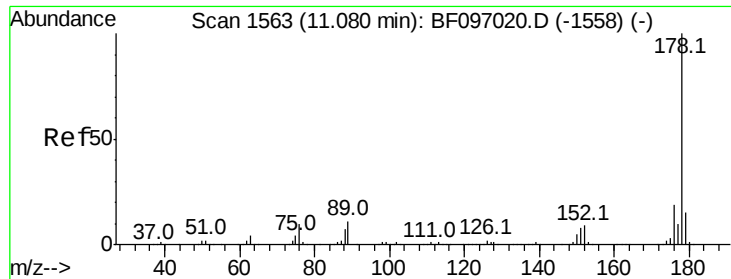
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	63.3	51.7	77.5



#70
 Phenanthrene
 Concen: 26.438 ng
 RT: 11.03 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	14.8	12.6	19.0

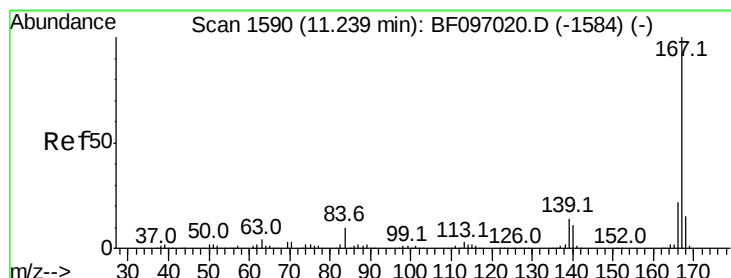
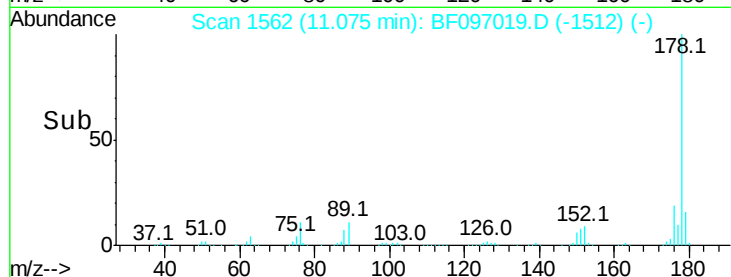
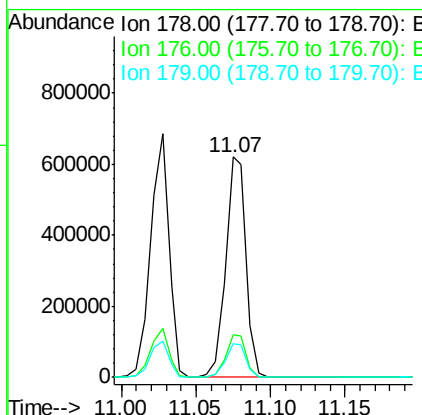
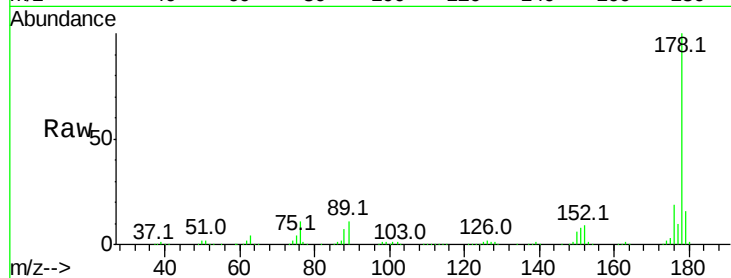




#71
 Anthracene
 Concen: 26.612 ng
 RT: 11.07 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

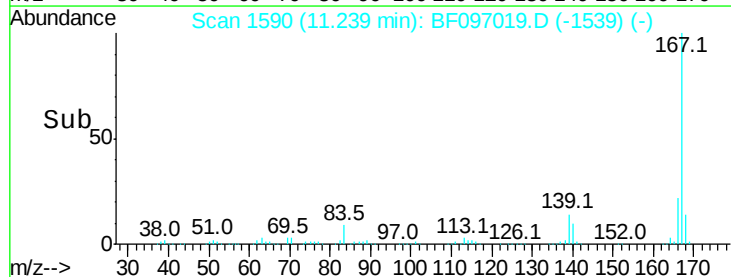
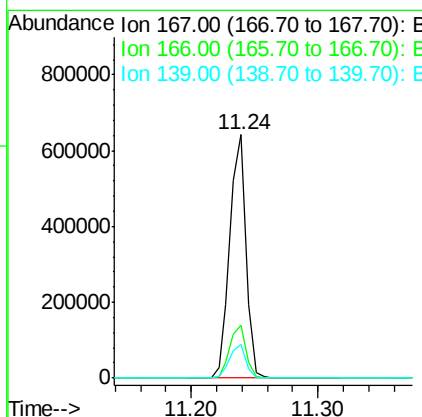
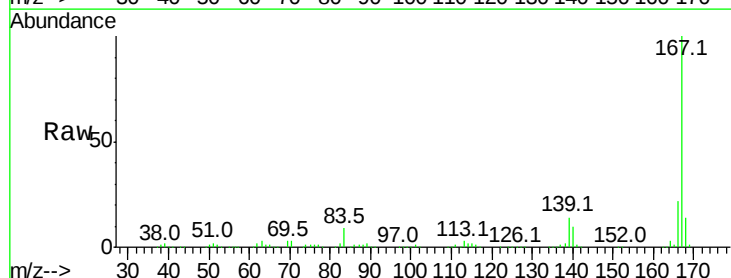
Instrument :
 BNA_F
 ClientSampleId :

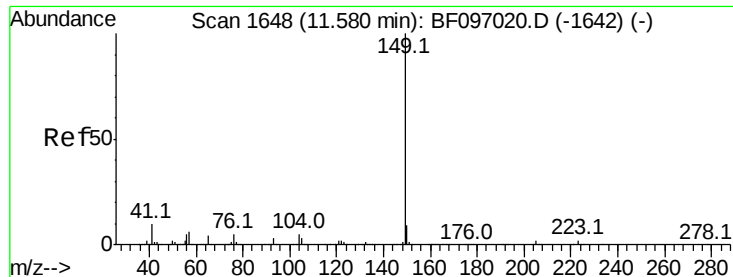
Tot Ion:178 Resp: 599892
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 26.019 ng
 RT: 11.24 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

Tgt Ion:167 Resp: 567975
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.9 11.7 17.5





#73

Di-n-butylphthalate

Concen: 26.858 ng

RT: 11.58 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Instrument :

BNA_F

ClientSampleId :

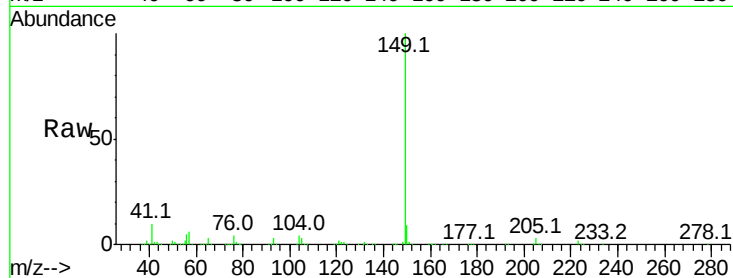
Tot Ion:149 Resp: 730171

Ion Ratio Lower Upper

149 100

150 8.8 7.7 11.5

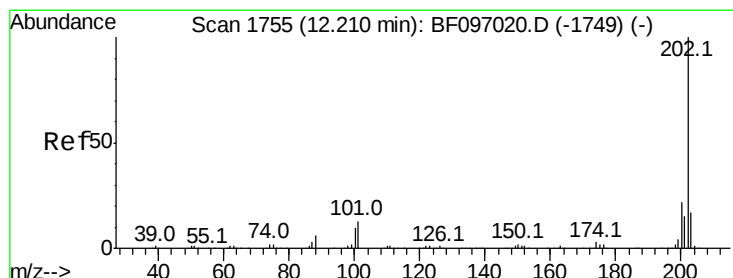
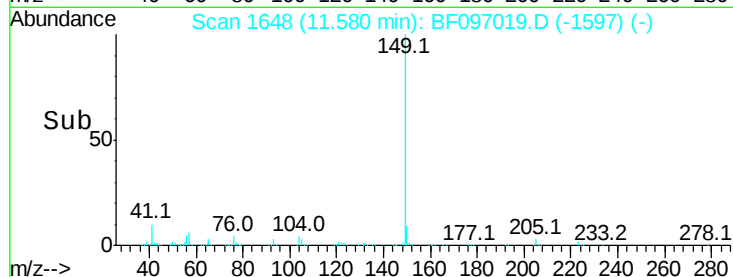
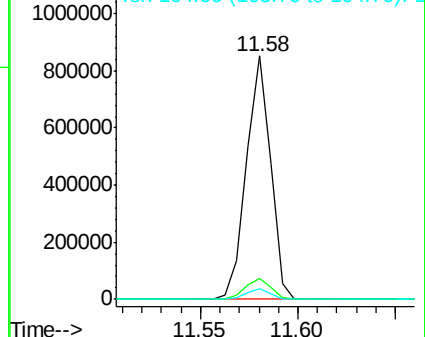
104 4.3 4.0 6.0



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



#74

Fluoranthene

Concen: 26.744 ng

RT: 12.20 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

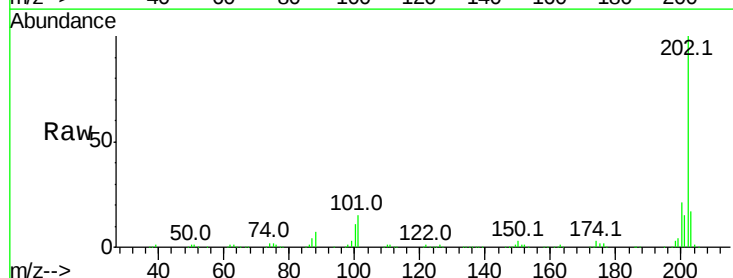
Tgt Ion:202 Resp: 570728

Ion Ratio Lower Upper

202 100

101 15.2 0.0 33.2

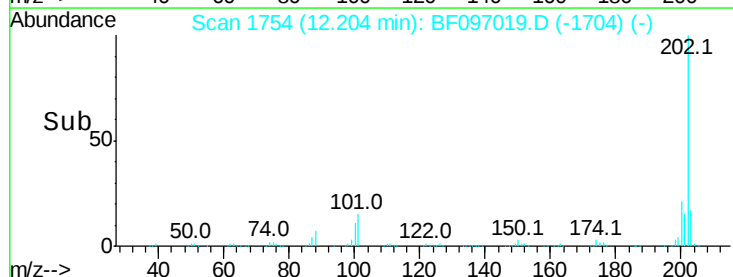
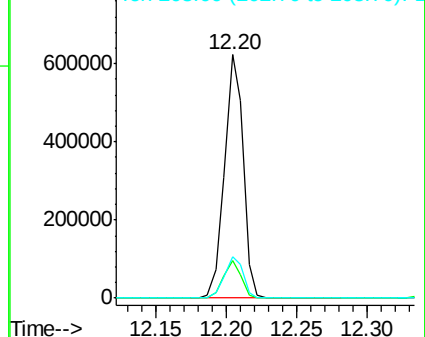
203 17.0 0.0 38.1

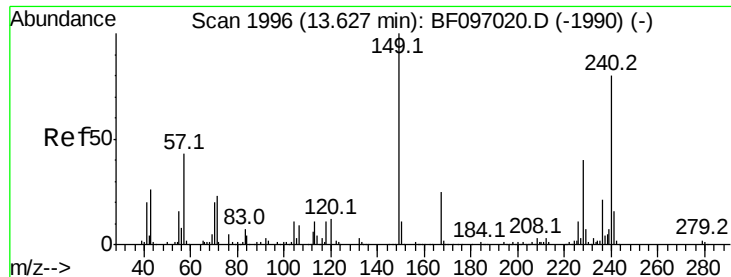


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.63 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Instrument :

BNA_F

ClientSampleId :

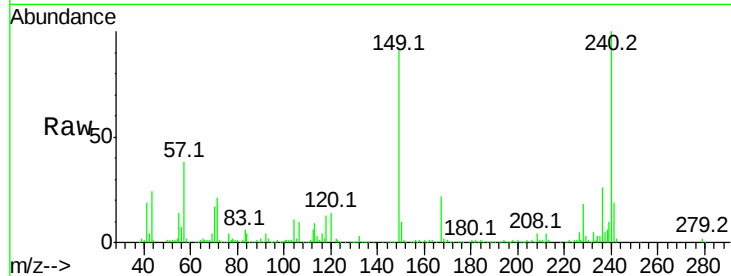
Tot Ion:240 Resp: 304003

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

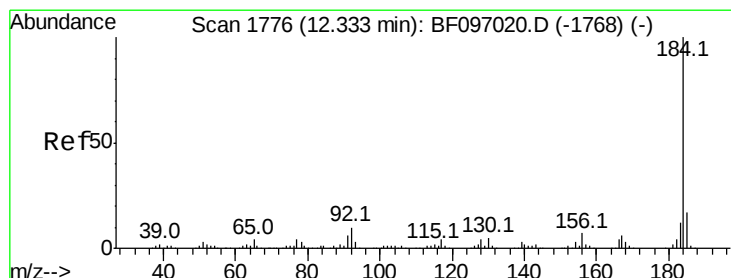
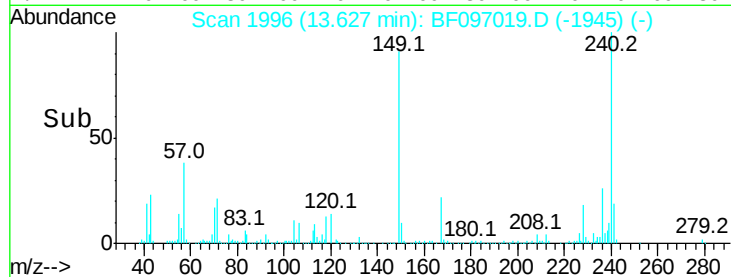
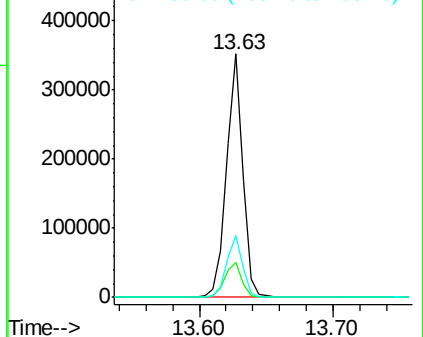
236 25.5 20.5 30.7



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



#76

Benzidine

Concen: 28.650 ng

RT: 12.33 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

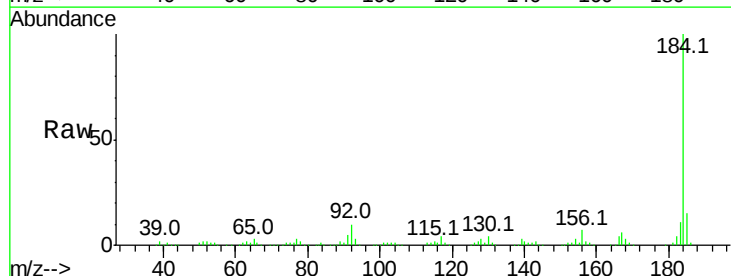
Tgt Ion:184 Resp: 285329

Ion Ratio Lower Upper

184 100

185 15.3 15.5 23.3#

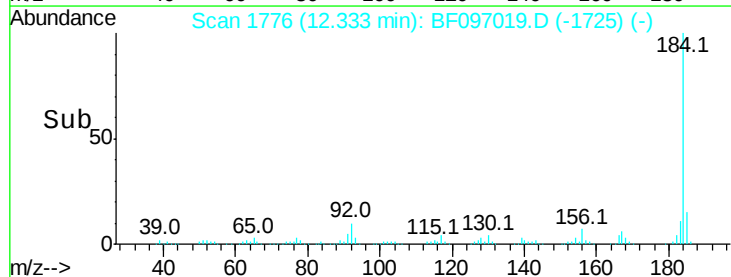
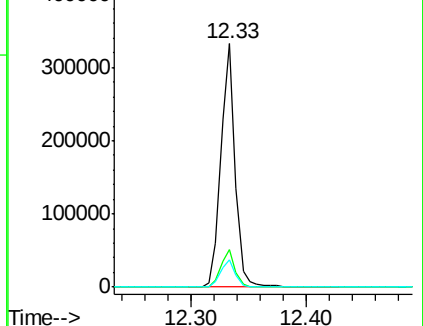
183 11.4 9.8 14.6

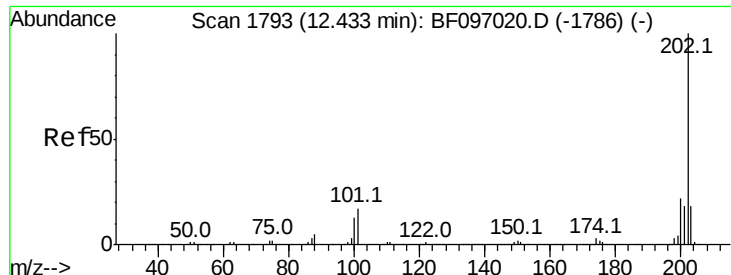


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

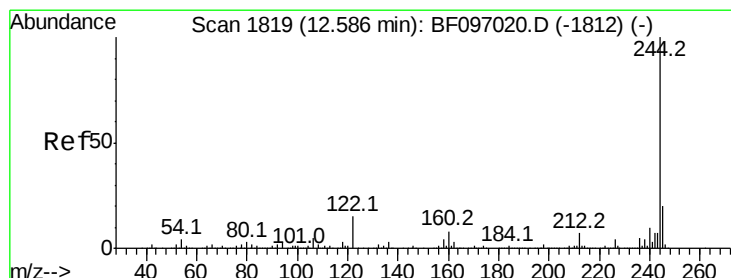
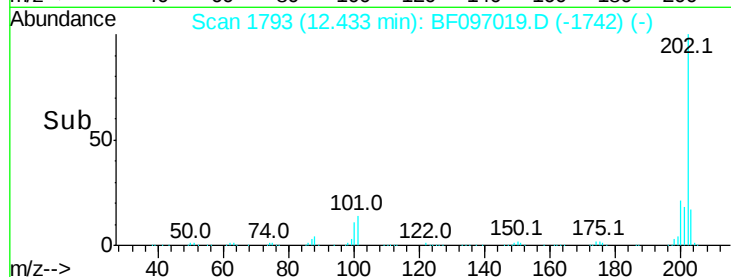
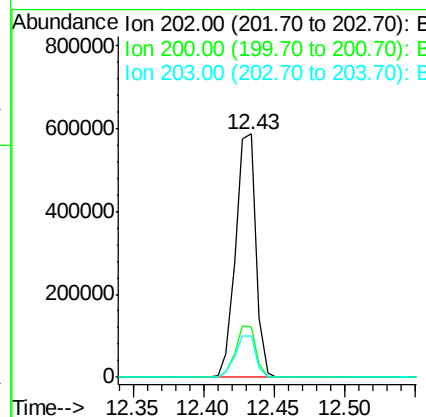
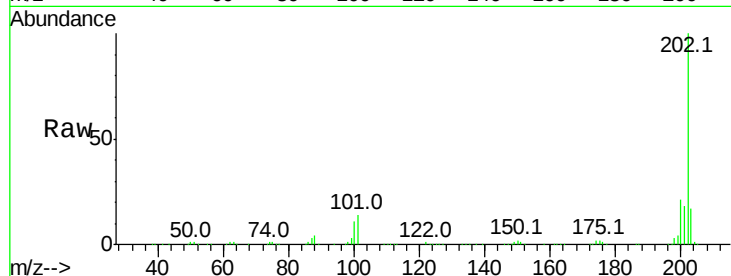




#77
Pvrene
Concen: 21.216 ng
RT: 12.43 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BF097019.D
Acq: 25 Jul 2017 10:42

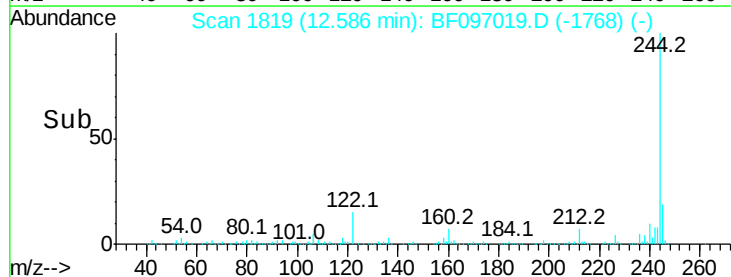
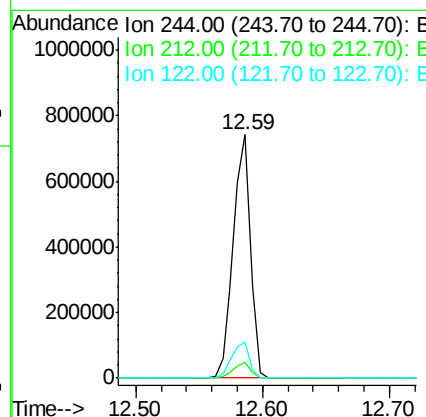
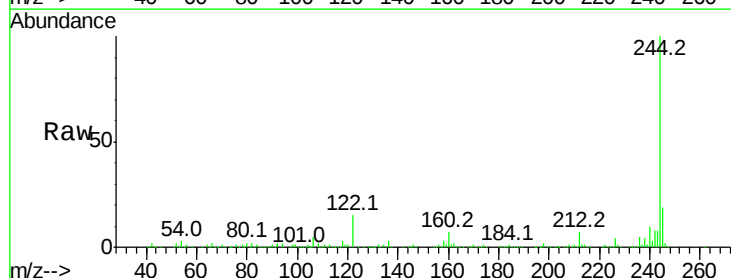
Instrument :
BNA_F
ClientSampleId :

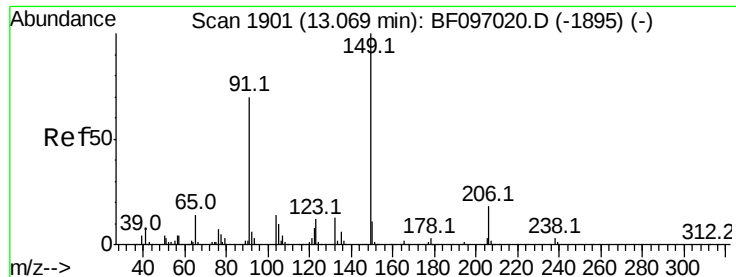
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	16.9	14.4	21.6



#78
Terphenyl-d14
Concen: 39.786 ng
RT: 12.59 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BF097019.D
Acq: 25 Jul 2017 10:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	14.7	10.3	15.5





#79

Butylbenzylphthalate

Concen: 23.286 ng

RT: 13.06 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Instrument :

BNA_F

ClientSampleId :

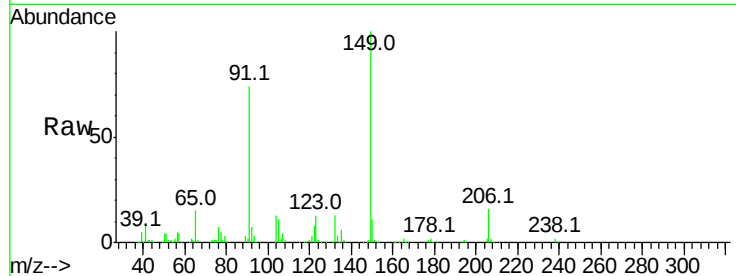
Tot Ion:149 Resp: 305255

Ion Ratio Lower Upper

149 100

91 73.6 45.0 67.4#

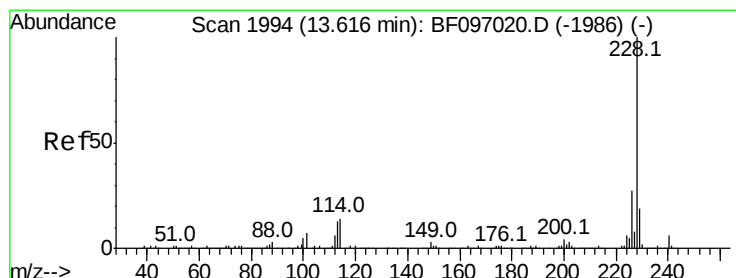
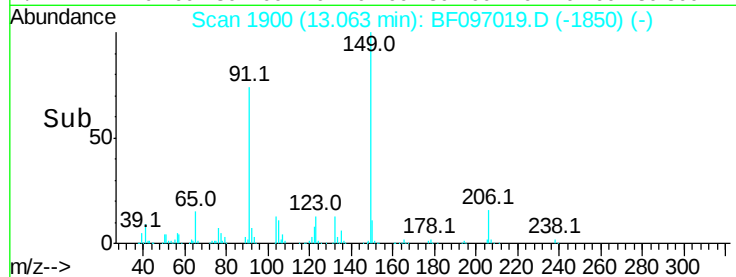
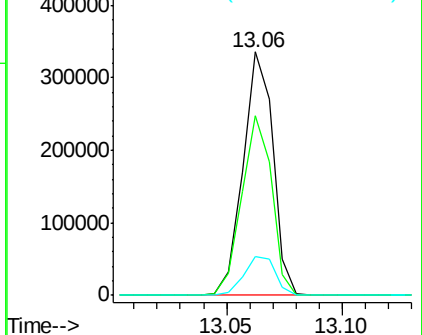
206 15.7 17.0 25.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 25.049 ng

RT: 13.62 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

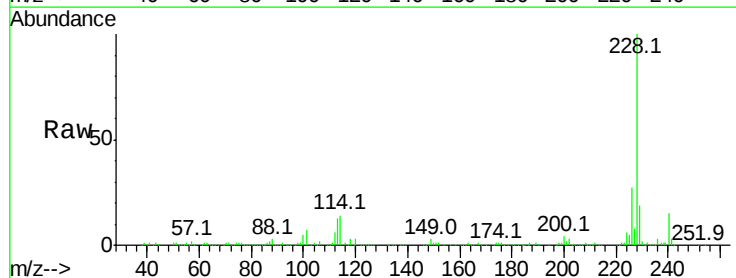
Tgt Ion:228 Resp: 474471

Ion Ratio Lower Upper

228 100

226 27.3 22.6 33.8

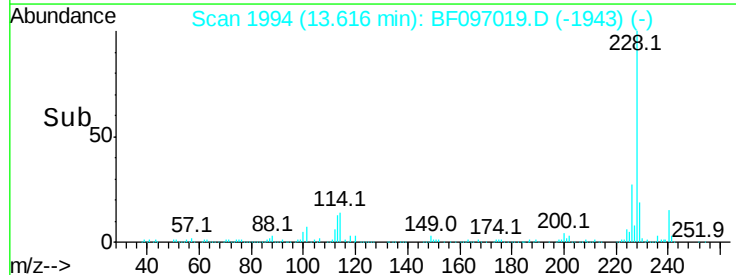
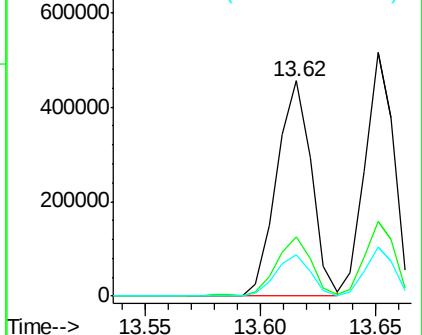
229 19.4 16.3 24.5

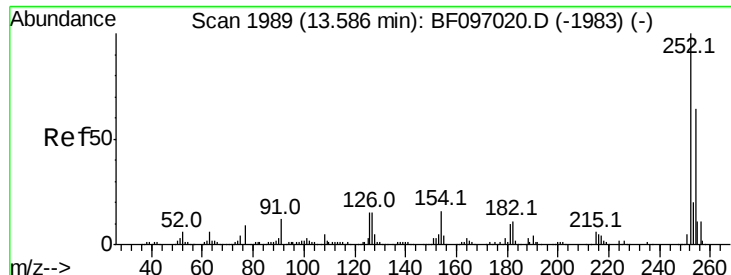


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

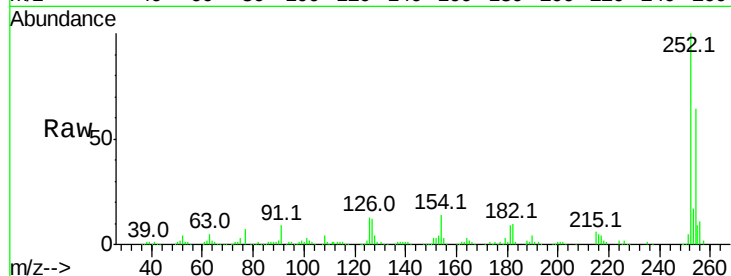




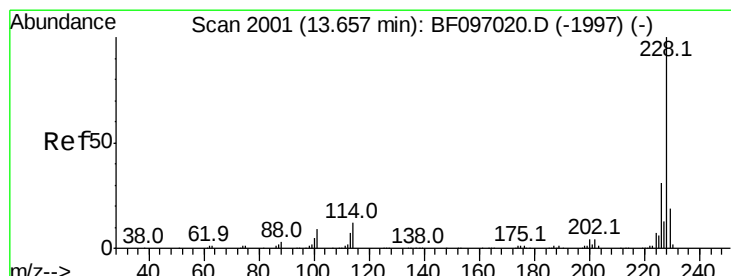
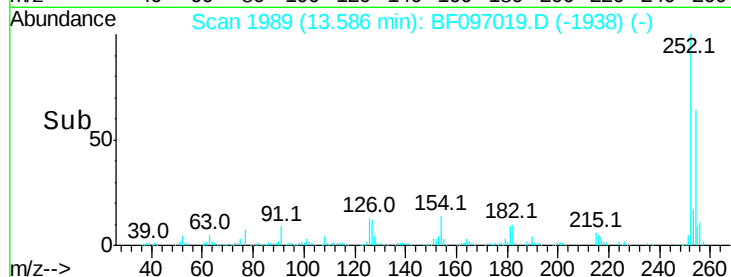
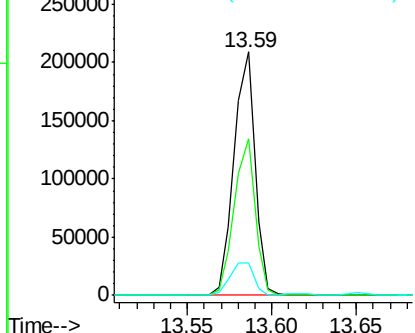
#81
 3,3'-Dichlorobenzidine
 Concen: 26.734 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.5	77.3
126	13.2	15.8	23.8

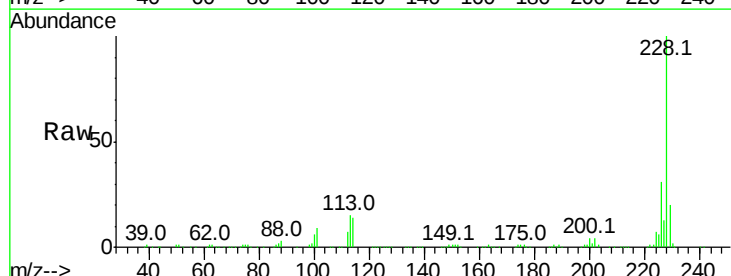


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

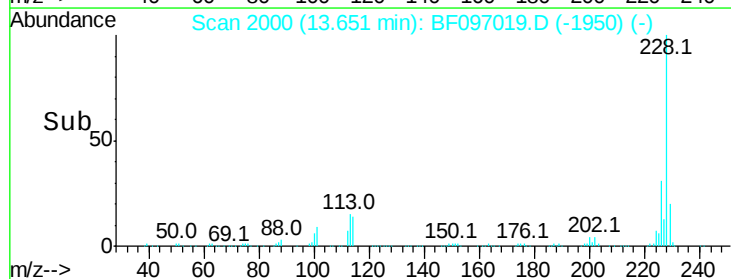
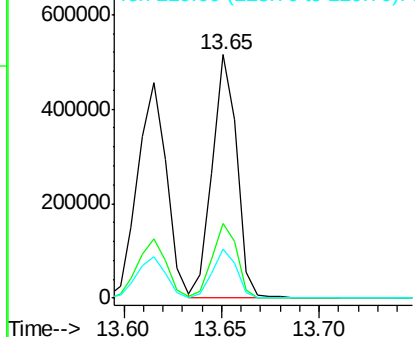


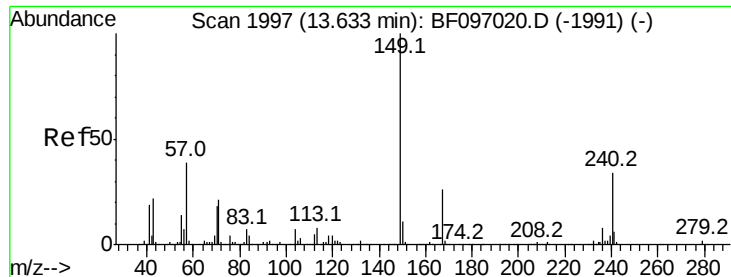
#82
 Chrysene
 Concen: 24.120 ng
 RT: 13.65 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	20.4	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 24.623 ng

RT: 13.63 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

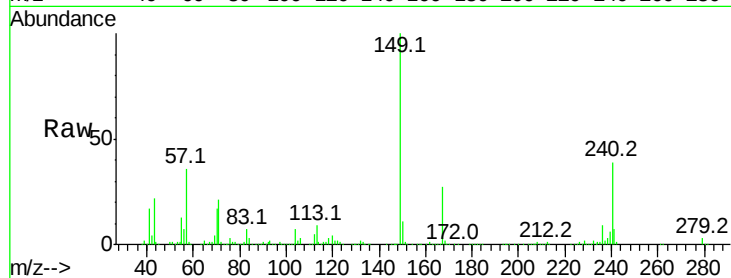
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 393081

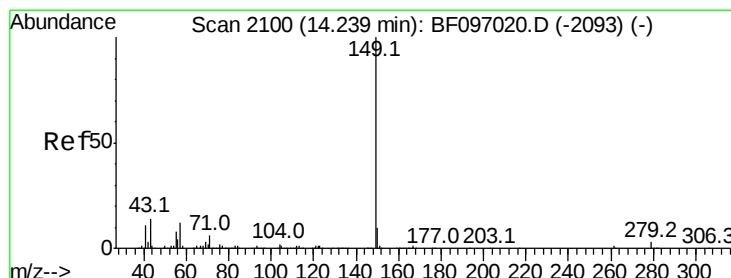
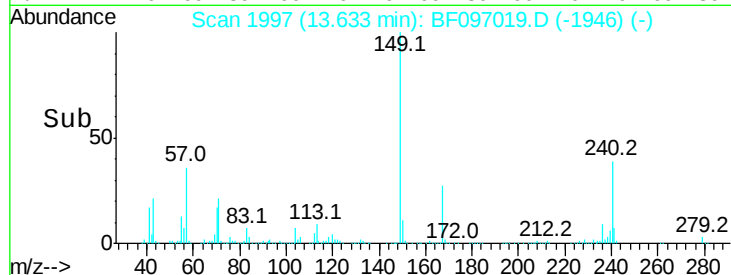
Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.0	31.4
279	2.6	1.9	2.9



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



#84

Di-n-octyl phthalate

Concen: 27.543 ng

RT: 14.24 min Scan# 2100

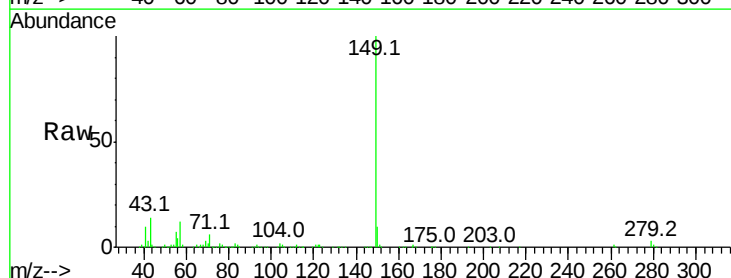
Delta R.T. -0.00 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Tgt Ion:149 Resp: 726816

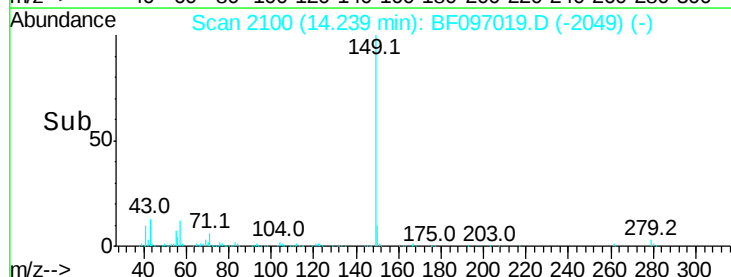
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	13.8	8.5	12.7#

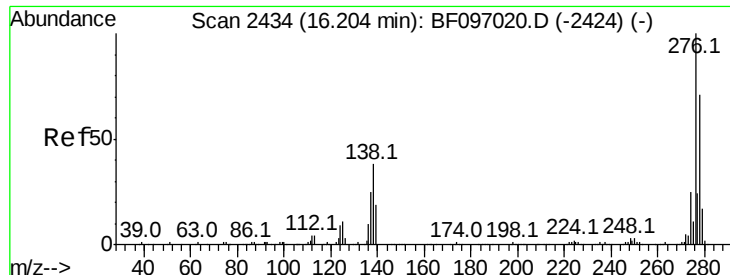


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

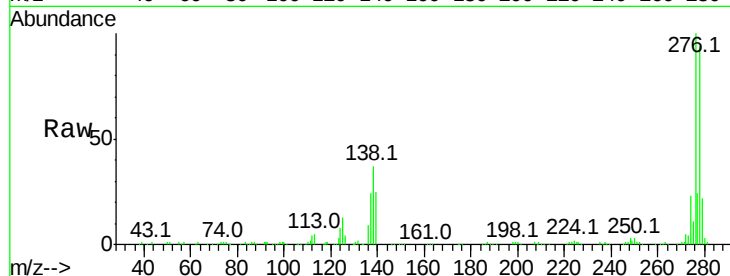




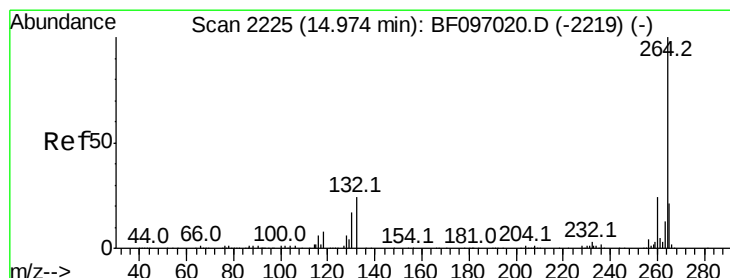
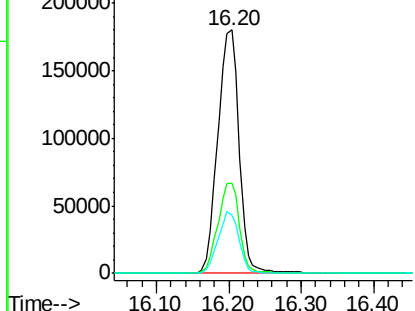
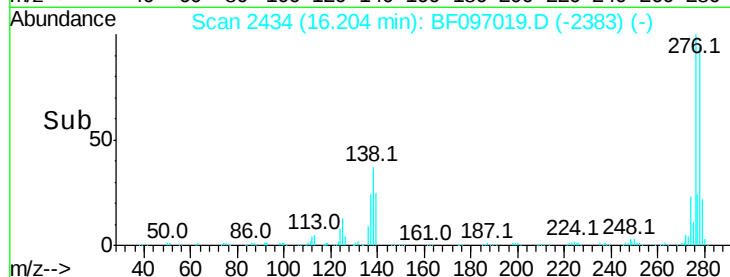
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 21.896 ng
 RT: 16.20 min Scan# 2434
 Delta R.T. -0.00 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 370574
 Ion Ratio Lower Upper
 276 100
 138 37.3 27.8 41.6
 277 24.5 20.2 30.4

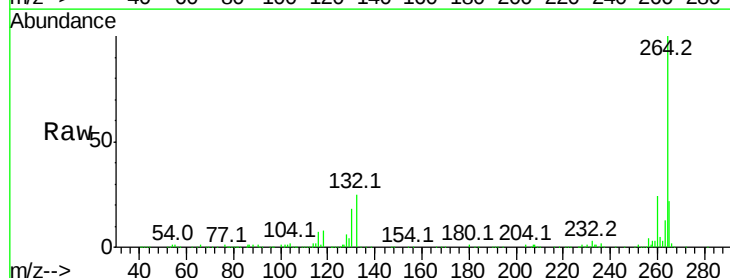


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

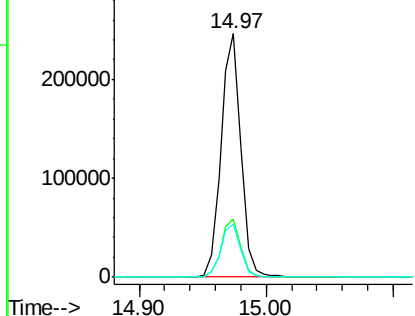
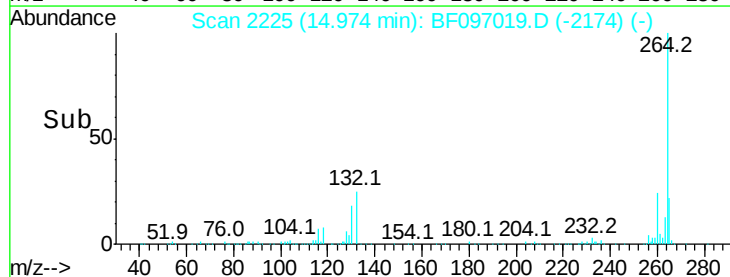


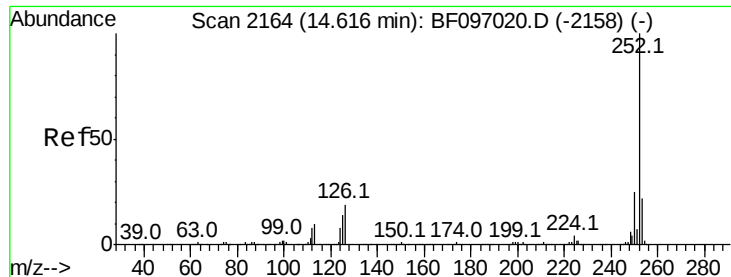
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.97 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

Tgt Ion:264 Resp: 267340
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.7 17.2 25.8



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

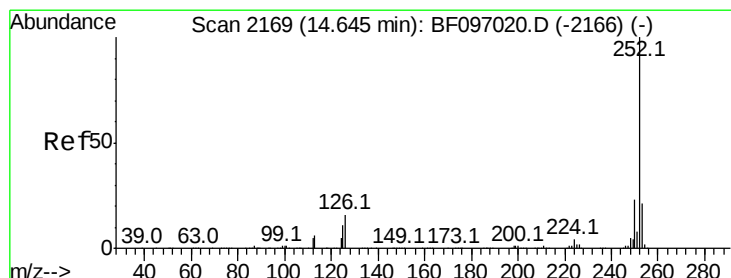
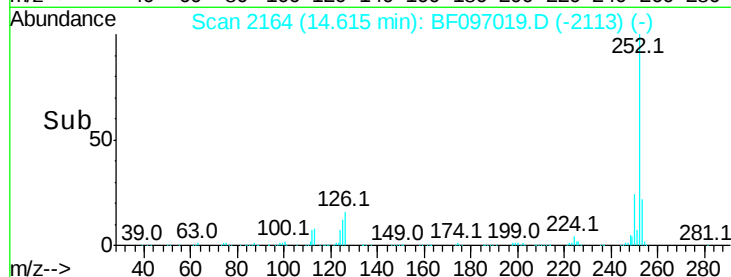
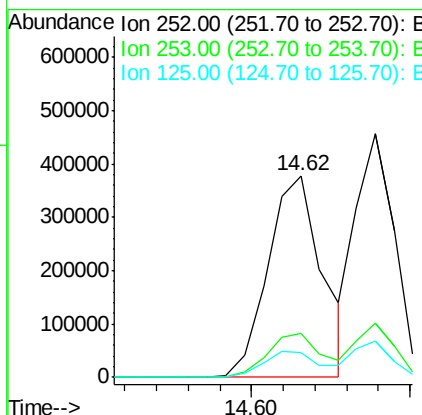
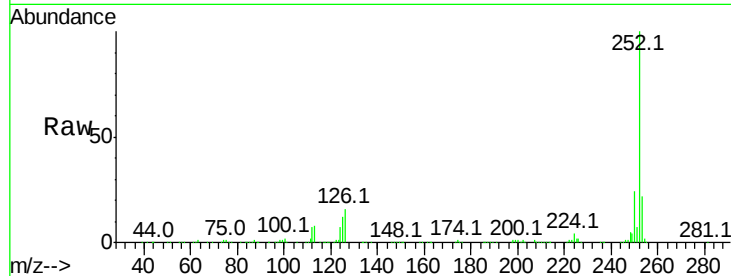




#87
Benzo(b)fluoranthene
Concen: 27.873 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF097019.D
Acq: 25 Jul 2017 10:42

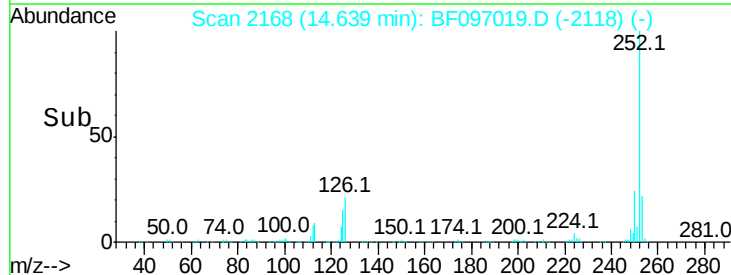
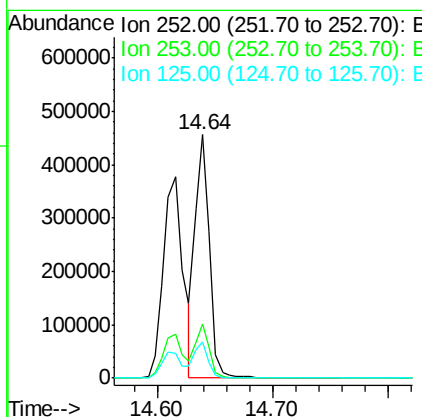
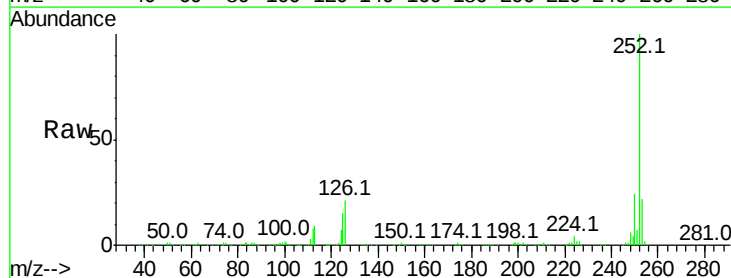
Instrument :
BNA_F
ClientSampleId :

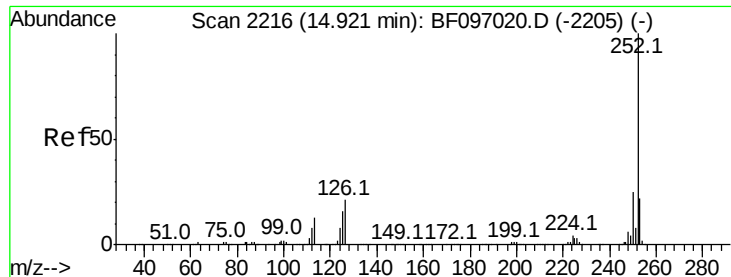
Tot Ion:252 Resp: 449407
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 12.5 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 25.972 ng
RT: 14.64 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF097019.D
Acq: 25 Jul 2017 10:42

Tgt Ion:252 Resp: 396547
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 14.7 13.1 19.7





#89

Benzo(a)pyrene

Concen: 26.046 ng

RT: 14.92 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

Instrument :

BNA_F

ClientSampleId :

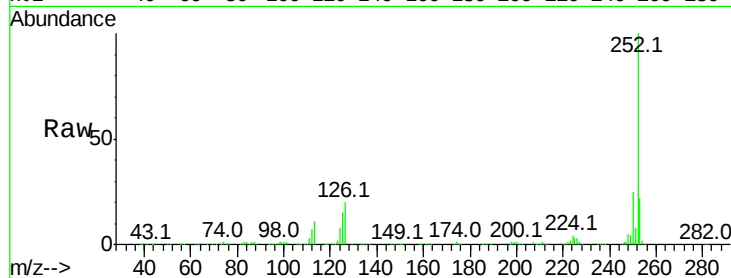
Tot Ion:252 Resp: 385169

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

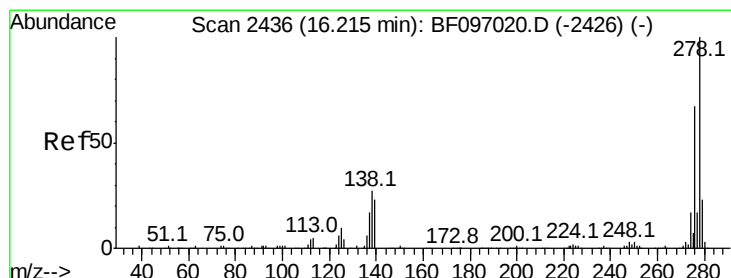
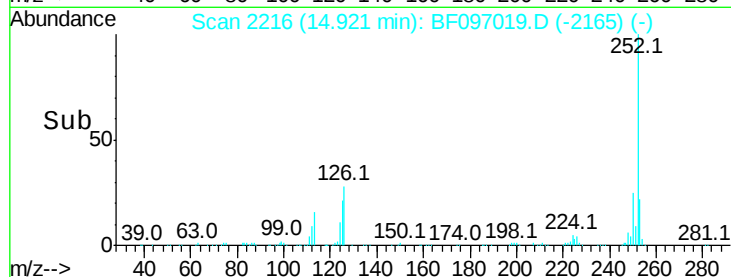
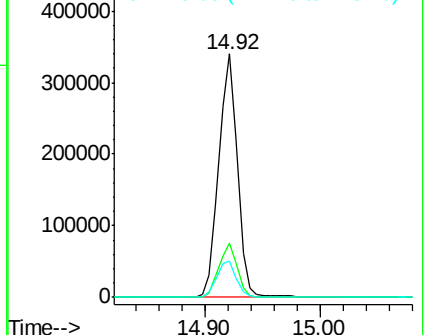
125 15.0 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 21.737 ng

RT: 16.21 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BF097019.D

Acq: 25 Jul 2017 10:42

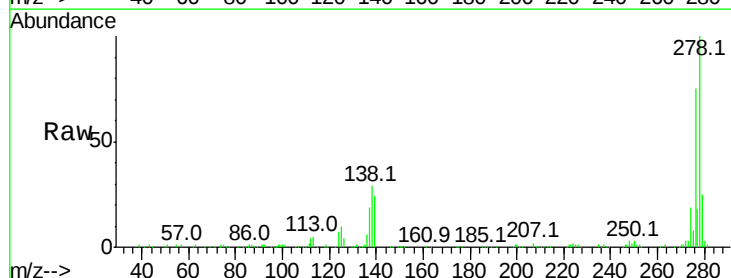
Tgt Ion:278 Resp: 295786

Ion Ratio Lower Upper

278 100

139 23.7 16.6 24.8

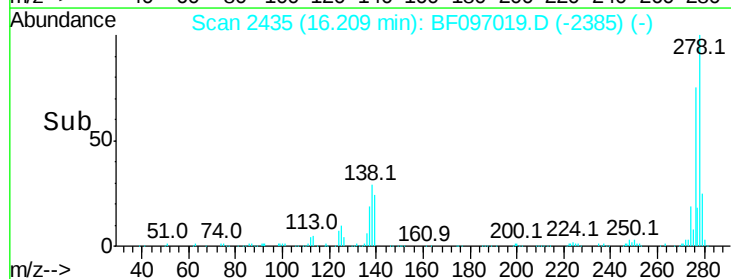
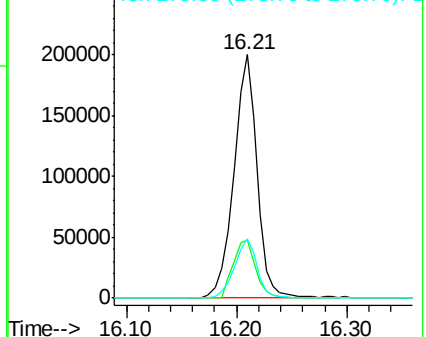
279 24.6 19.3 28.9

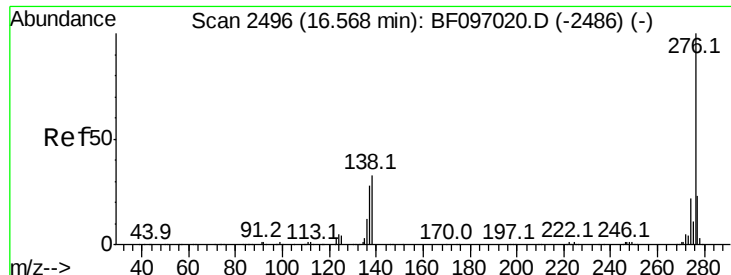


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

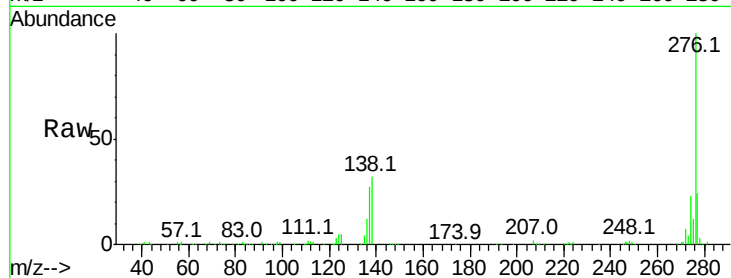




#91
 Benzo(a,h,i)perylene
 Concen: 21.040 ng
 RT: 16.56 min Scan# 2495
 Delta R.T. -0.01 min
 Lab File: BF097019.D
 Acq: 25 Jul 2017 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	31.7	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

