

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097274.D
 Acq On : 2 Aug 2017 15:38
 Operator : SJ/JU
 Sample : PB101142BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 17:00:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 11:39:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	117674	20.00	ng	-0.01
21) Naphthalene-d8	7.73	136	470317	20.00	ng	-0.02
38) Acenaphthene-d10	9.48	164	240424	20.00	ng	-0.01
63) Phenanthrene-d10	10.95	188	389019	20.00	ng	-0.02
75) Chrysene-d12	13.57	240	239848	20.00	ng	-0.02
86) Perylene-d12	14.92	264	199053	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.06	112	888168	113.78	ng	0.00
7) Phenol-d6	6.13	99	1018986	114.35	ng	-0.02
23) Nitrobenzene-d5	7.03	82	624136	77.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.27	330	194158	102.21	ng	-0.02
44) 2-Fluorobiphenyl	8.82	172	1061733	74.95	ng	-0.02
78) Terphenyl-d14	12.53	244	860047	73.11	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	109421	33.590	ng	# 71
3) Pyridine	2.65	79	320377	32.119	ng	# 57
4) n-Nitrosodimethylamine	2.60	42	195920	35.454	ng	80
6) Aniline	6.12	93	329533	29.386	ng	89
8) 2-Chlorophenol	6.25	128	318870	38.203	ng	96
9) Benzaldehyde	5.99	77	174627	33.106	ng	97
10) Phenol	6.14	94	393612	37.238	ng	96
11) bis(2-Chloroethyl)ether	6.20	93	303715	36.329	ng	89
12) 1,3-Dichlorobenzene	6.39	146	326721	36.322	ng	97
13) 1,4-Dichlorobenzene	6.47	146	339439	38.078	ng	95
14) 1,2-Dichlorobenzene	6.62	146	282246	36.263	ng	97
15) Benzyl Alcohol	6.62	79	234937	41.640	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.75	45	622855	37.145	ng	54
17) 2-Methylphenol	6.75	107	246567	38.275	ng	# 88
18) Hexachloroethane	6.96	117	129068	39.577	ng	# 81
19) n-Nitroso-di-n-propylamine	6.89	70	236627	40.340	ng	# 85
20) 3+4-Methylphenols	6.90	107	378927	45.037	ng	# 62
22) Acetophenone	6.87	105	441100	39.054	ng	# 98
24) Nitrobenzene	7.04	77	322468	38.620	ng	97
25) Isophorone	7.29	82	636561	40.544	ng	97
26) 2-Nitrophenol	7.36	139	163932	36.290	ng	91
27) 2,4-Dimethylphenol	7.42	122	267606	35.912	ng	97
28) bis(2-Chloroethoxy)methane	7.50	93	365837	35.706	ng	100
29) 2,4-Dichlorophenol	7.61	162	246630	38.419	ng	97
30) 1,2,4-Trichlorobenzene	7.68	180	226827	37.070	ng	98
31) Naphthalene	7.76	128	866970	39.105	ng	100
32) Benzoic acid	7.59	122	189116	33.987	ng	95
33) 4-Chloroaniline	7.82	127	189430	20.999	ng	98
34) Hexachlorobutadiene	7.88	225	119343	36.790	ng	97
35) Caprolactam	8.20	113	46240	22.463	ng	# 61
36) 4-Chloro-3-methylphenol	8.33	107	294342	42.028	ng	86
37) 2-Methylnaphthalene	8.45	142	588408	41.918	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.62	216	206080	32.124	ng	99
40) Hexachlorocyclopentadiene	8.60	237	125305	57.847	ng	100

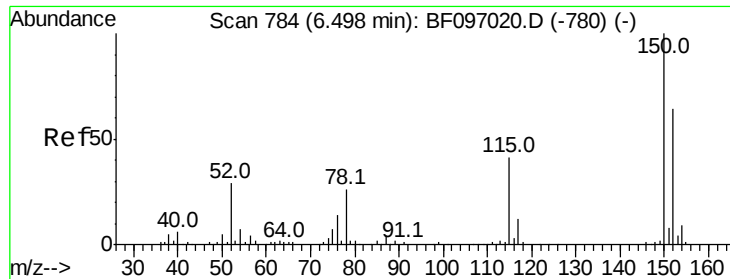
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.74	196	154620	33.260	ng	97
43) 2,4,5-Trichlorophenol	8.79	196	162949	35.019	ng	98
45) 1,1'-Biphenyl	8.91	154	712209	34.682	ng	97
46) 2-Chloronaphthalene	8.93	162	547936	36.259	ng	93
47) 2-Nitroaniline	9.04	65	207727	37.877	ng	96
48) Acenaphthylene	9.34	152	793703	34.218	ng	99
49) Dimethylphthalate	9.22	163	646972	35.436	ng	99
50) 2,6-Dinitrotoluene	9.29	165	137682	35.556	ng	# 83
51) Acenaphthene	9.52	154	504094	36.895	ng	97
52) 3-Nitroaniline	9.45	138	131180	27.293	ng	95
53) 2,4-Dinitrophenol	9.57	184	130993	74.401	ng	# 76
54) Dibenzofuran	9.69	168	689379	37.880	ng	97
55) 4-Nitrophenol	9.65	139	153174	53.589	ng	# 61
56) 2,4-Dinitrotoluene	9.69	165	174559	39.214	ng	# 65
57) Fluorene	10.03	166	483668	35.361	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	129694	40.368	ng	# 95
59) Diethylphthalate	9.92	149	594605	35.499	ng	99
60) 4-Chlorophenyl-phenylether	10.02	204	202563	35.863	ng	97
61) 4-Nitroaniline	10.07	138	151984	33.279	ng	93
62) Azobenzene	10.18	77	567079	36.494	ng	94
64) 4,6-Dinitro-2-methylphenol	10.10	198	90608	37.483	ng	89
65) n-Nitrosodiphenylamine	10.15	169	476608	35.212	ng	98
66) 4-Bromophenyl-phenylether	10.50	248	145956	37.595	ng	93
67) Hexachlorobenzene	10.57	284	151035	34.692	ng	# 88
68) Atrazine	10.68	200	153376	39.516	ng	94
69) Pentachlorophenol	10.78	266	115259	63.986	ng	96
70) Phenanthrene	10.98	178	785968	37.708	ng	100
71) Anthracene	11.03	178	828492	38.808	ng	99
72) Carbazole	11.19	167	754396	35.931	ng	99
73) Di-n-butylphthalate	11.53	149	1040271	40.083	ng	99
74) Fluoranthene	12.16	202	798715	39.115	ng	98
76) Benzidine	12.29	184	427336	48.018	ng	# 92
77) Pyrene	12.38	202	818309	41.675	ng	100
79) Butylbenzylphthalate	13.02	149	446650	44.718	ng	# 80
80) Benzo(a)anthracene	13.56	228	606486	39.080	ng	100
81) 3,3'-Dichlorobenzidine	13.53	252	134474	22.978	ng	# 98
82) Chrysene	13.60	228	589624	38.909	ng	99
83) Bis(2-ethylhexyl)phthalate	13.58	149	525363	40.285	ng	100
84) Di-n-octyl phthalate	14.19	149	942543	39.384	ng	# 92
85) Indeno(1,2,3-cd)pyrene	16.12	276	413256	31.803	ng	97
87) Benzo(b)fluoranthene	14.56	252	487864	40.772	ng	98
88) Benzo(k)fluoranthene	14.59	252	444232	38.961	ng	97
89) Benzo(a)pyrene	14.87	252	427151	39.005	ng	98
90) Dibenzo(a,h)anthracene	16.13	278	337254	37.554	ng	95
91) Benzo(g,h,i)perylene	16.48	276	369240	39.208	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.45 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampled :

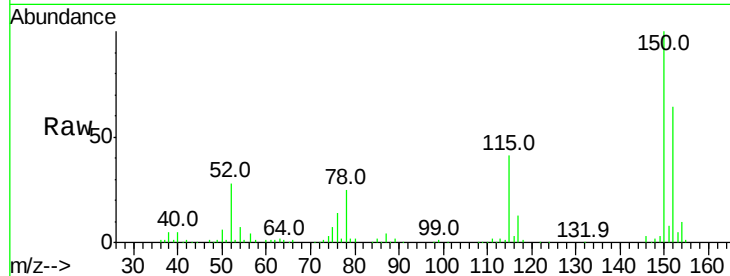
Tot Ion:152 Resp: 117674

Ion Ratio Lower Upper

152 100

150 156.0 126.2 189.2

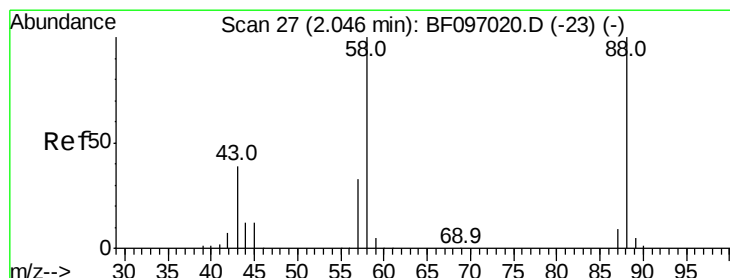
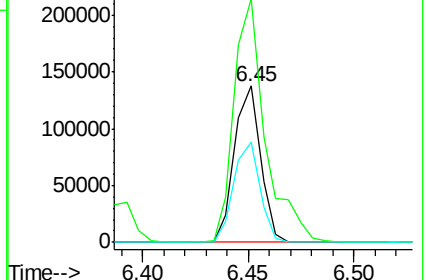
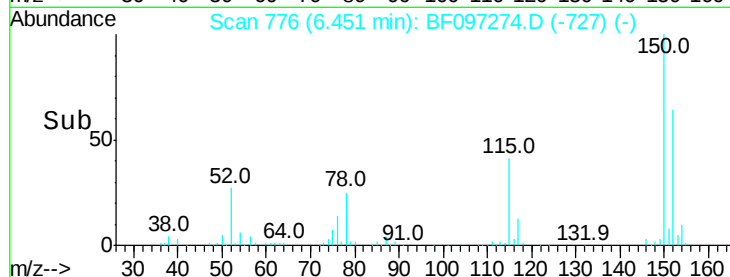
115 64.1 52.2 78.2



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: 33.590 ng

RT: 2.04 min Scan# 26

Delta R.T. 0.09 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

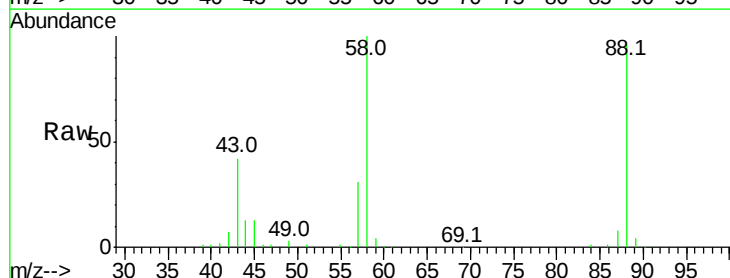
Tgt Ion: 88 Resp: 109421

Ion Ratio Lower Upper

88 100

58 103.0 61.4 92.0#

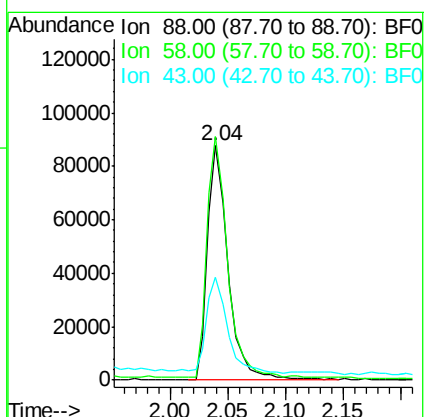
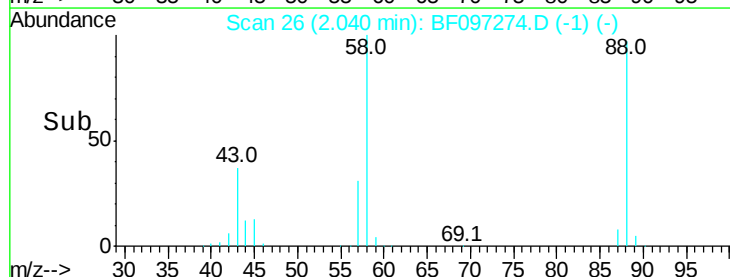
43 41.8 23.4 35.0#

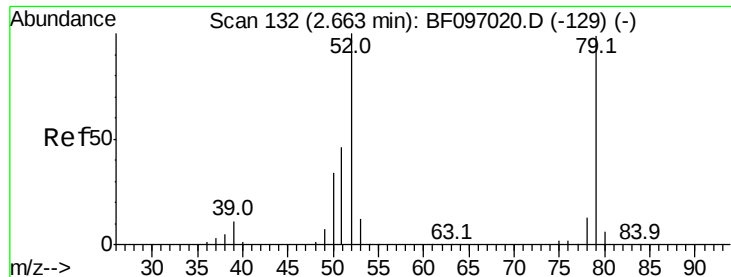


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.119 ng

RT: 2.65 min Scan# 129

Delta R.T. 0.09 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampleId :

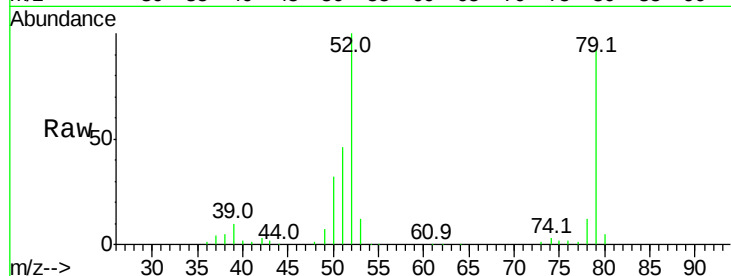
Tot Ion: 79 Resp: 320377

Ion Ratio Lower Upper

79 100

52 109.2 54.8 82.2#

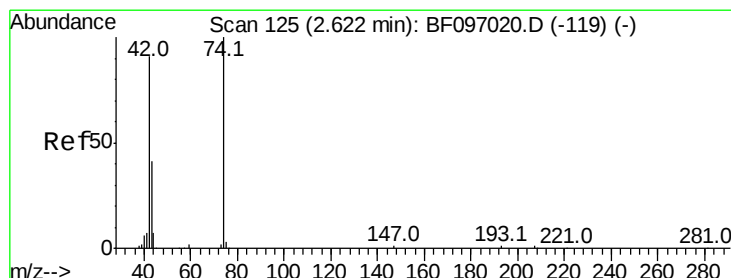
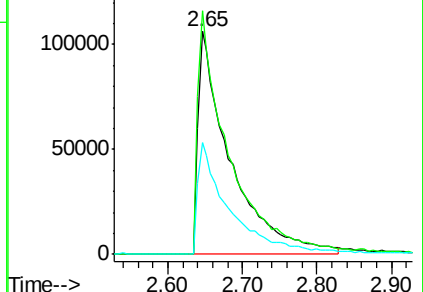
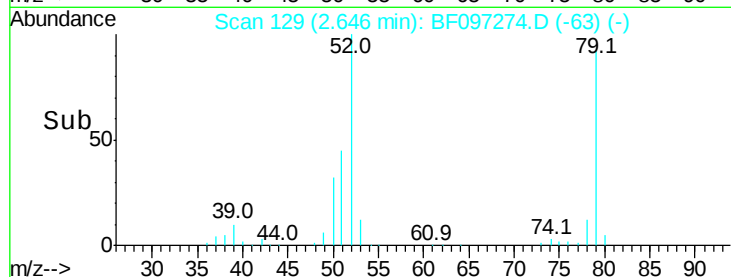
51 50.0 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.454 ng

RT: 2.60 min Scan# 122

Delta R.T. 0.07 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

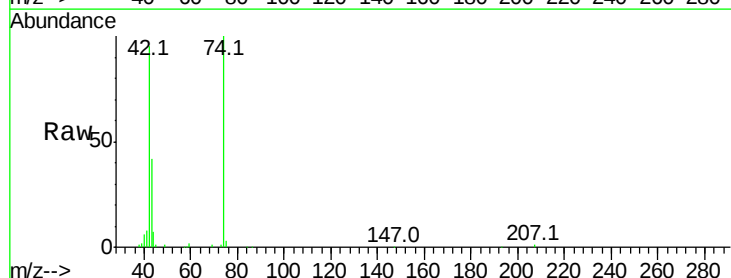
Tgt Ion: 42 Resp: 195920

Ion Ratio Lower Upper

42 100

74 105.7 103.9 155.9

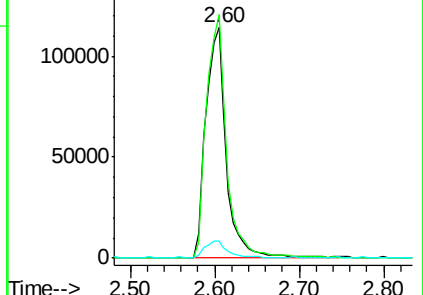
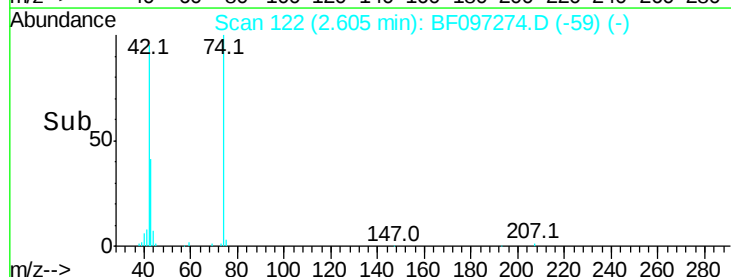
44 7.4 5.7 8.5

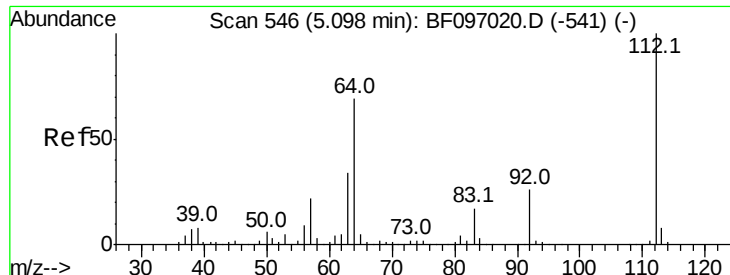


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 113.781 ng

RT: 5.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampleId :

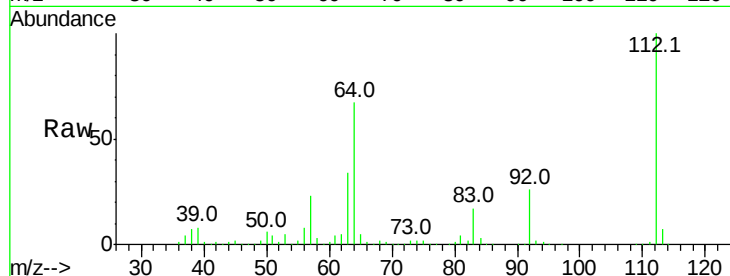
Tot Ion:112 Resp: 888168

Ion Ratio Lower Upper

112 100

64 66.9 46.0 69.0

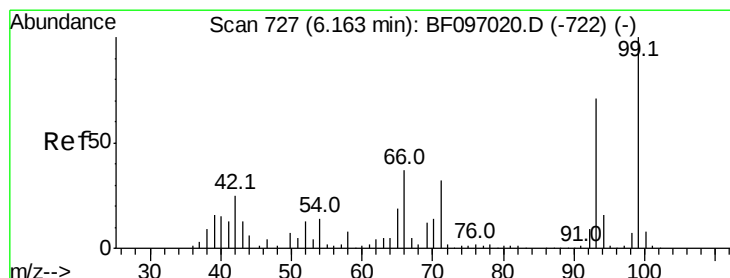
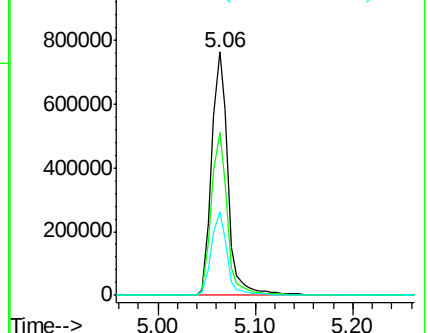
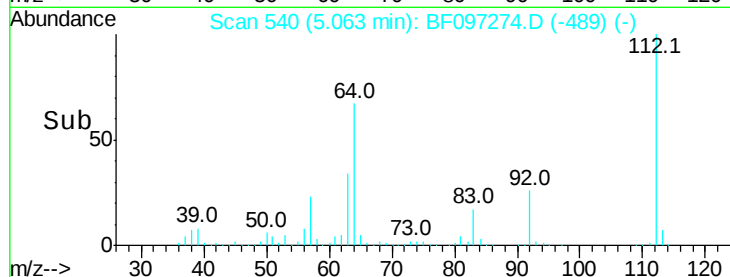
63 34.2 23.4 35.0



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: 29.386 ng

RT: 6.12 min Scan# 719

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

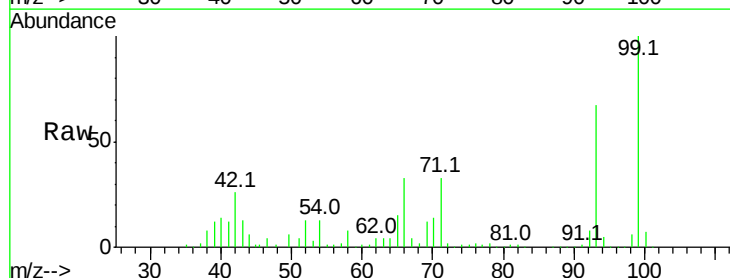
Tgt Ion: 93 Resp: 329533

Ion Ratio Lower Upper

93 100

66 49.3 32.9 49.3

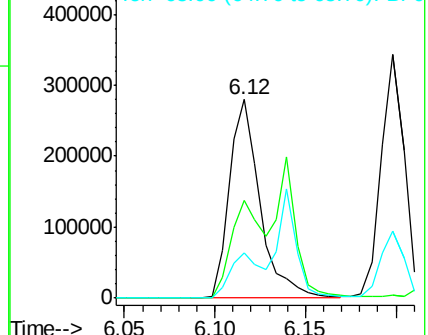
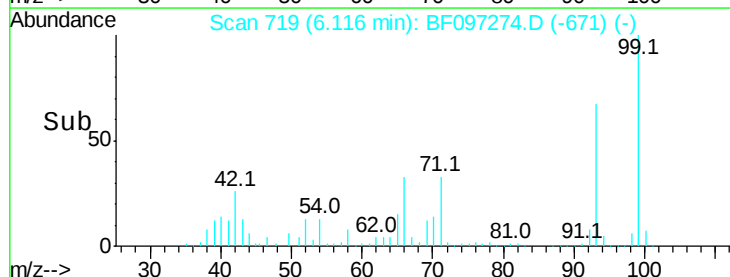
65 22.8 16.0 24.0

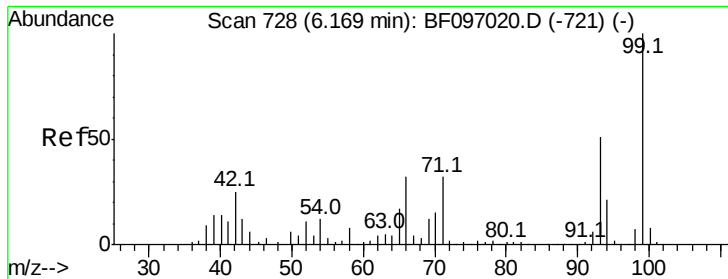


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.346 ng

RT: 6.13 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

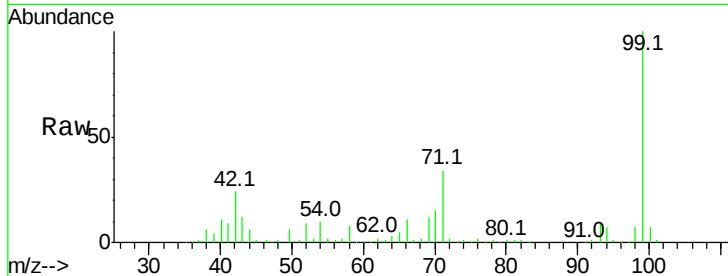
Instrument :

BNA_F

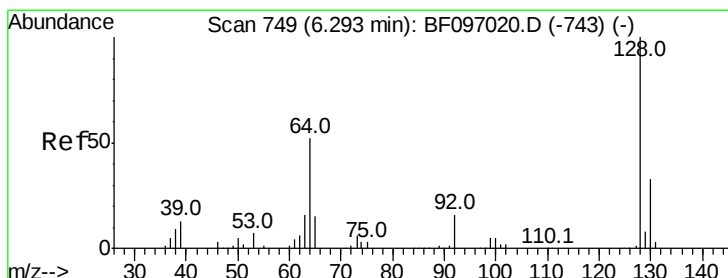
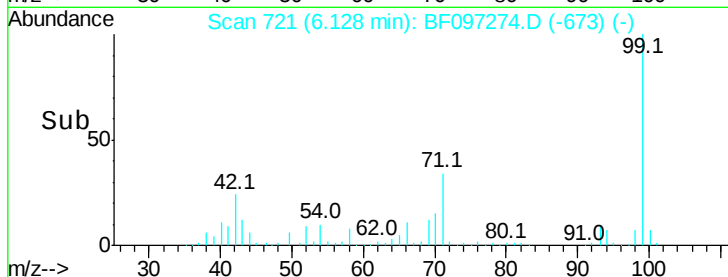
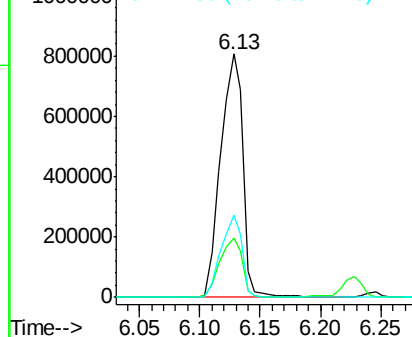
ClientSampled :

Tot Ion: 99 Resp: 1018986

Ion	Ratio	Lower	Upper
99	100		
42	24.4	13.5	20.3#
71	33.8	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: 38.203 ng

RT: 6.25 min Scan# 741

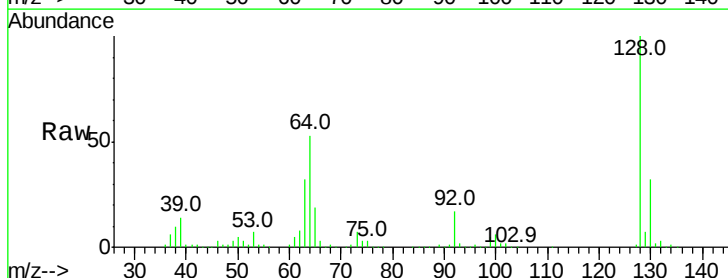
Delta R.T. -0.01 min

Lab File: BF097274.D

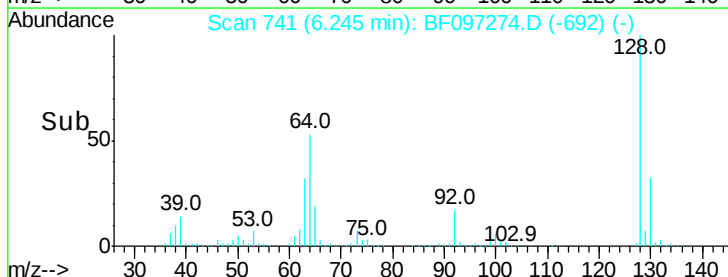
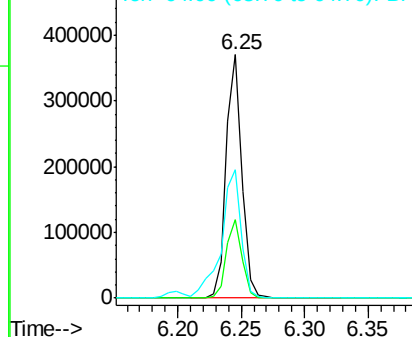
Acq: 2 Aug 2017 15:38

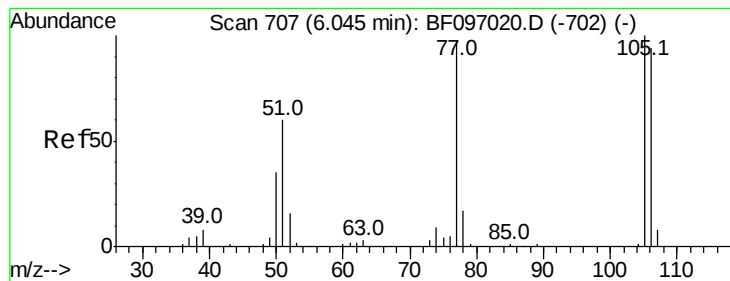
Tgt Ion: 128 Resp: 318870

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	52.9	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: 33.106 ng

RT: 5.99 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampleId :

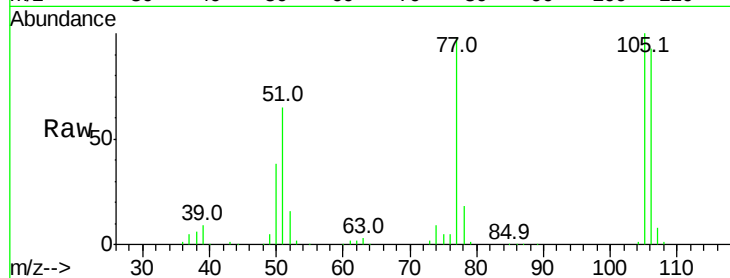
Tot Ion: 77 Resp: 174627

Ion Ratio Lower Upper

77 100

105 101.6 83.8 123.8

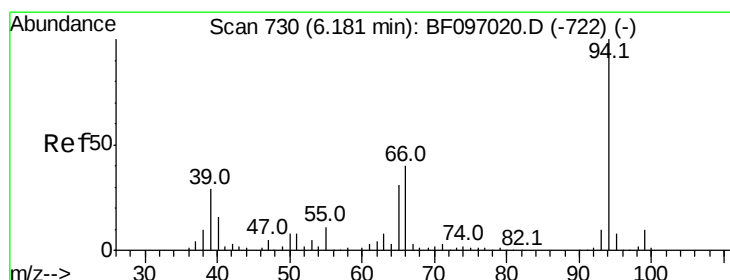
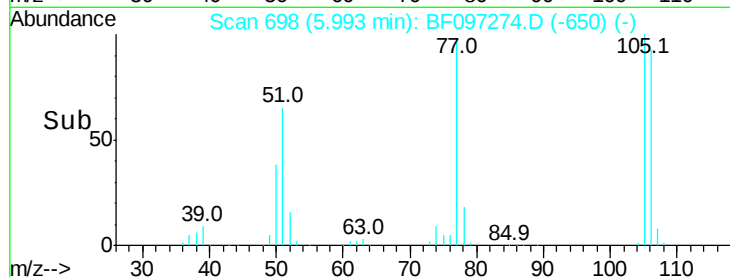
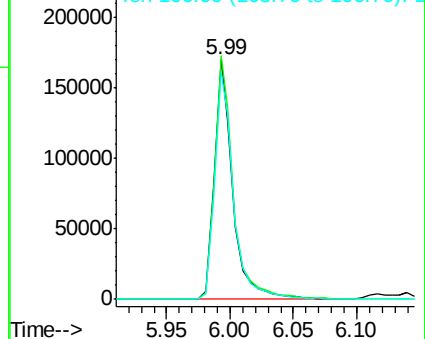
106 94.7 79.1 119.1



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: 37.238 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

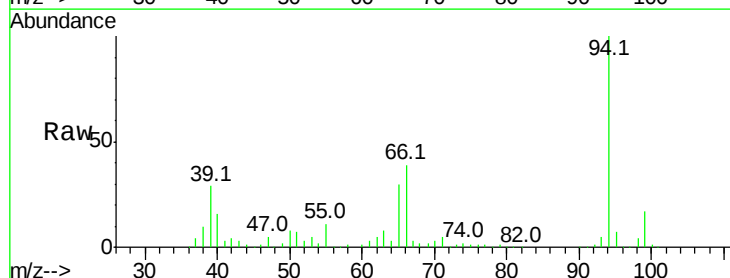
Tgt Ion: 94 Resp: 393612

Ion Ratio Lower Upper

94 100

65 30.3 9.9 49.9

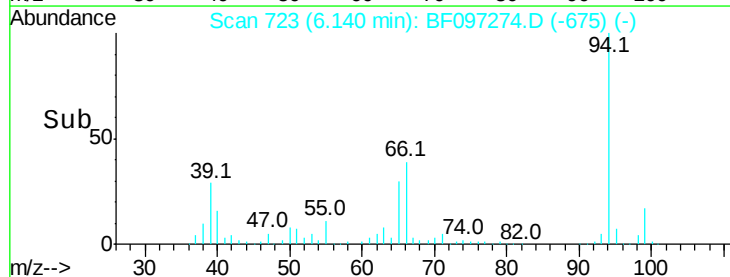
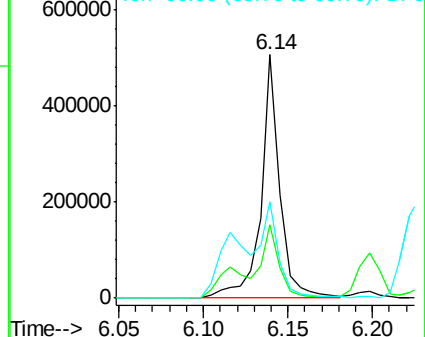
66 39.5 23.1 63.1

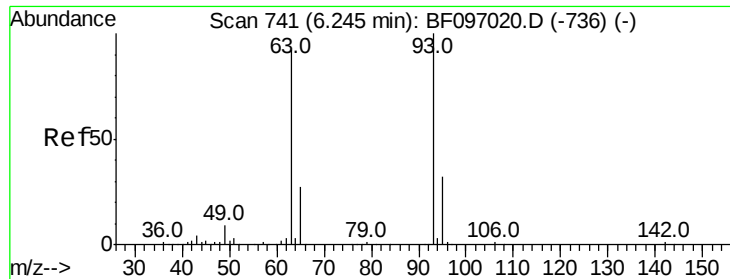


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.329 ng

RT: 6.20 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampleId :

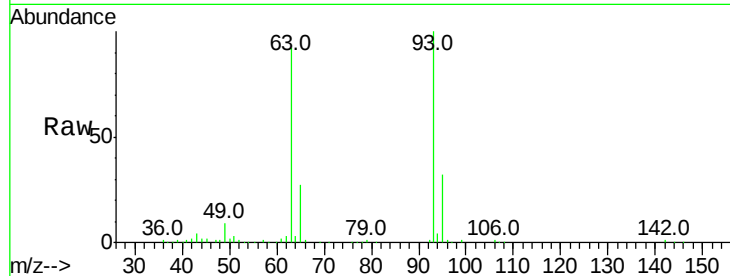
Tot Ion: 93 Resp: 303715

Ion Ratio Lower Upper

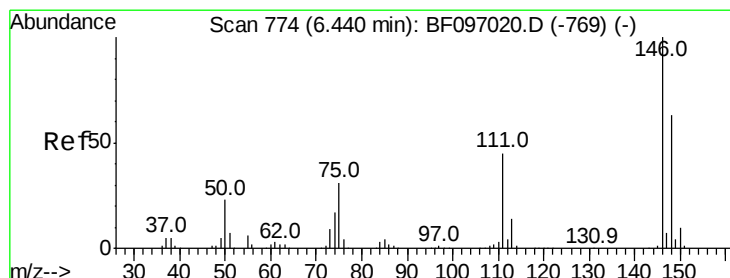
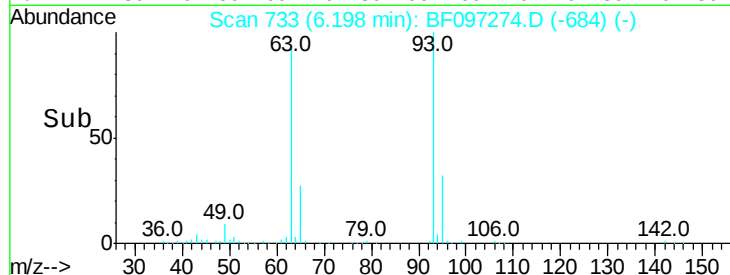
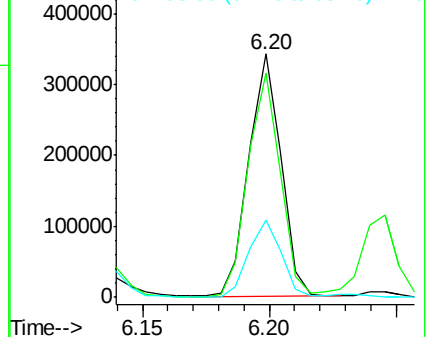
93 100

63 92.0 59.2 99.2

95 31.5 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.322 ng

RT: 6.39 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

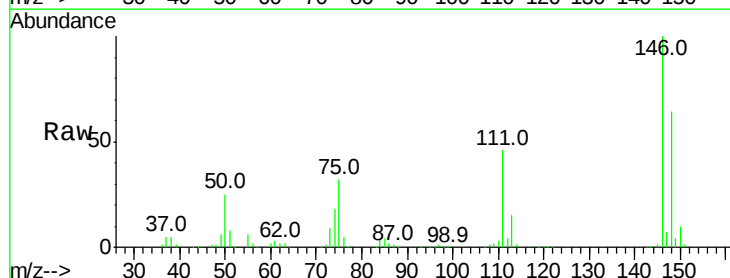
Tgt Ion: 146 Resp: 326721

Ion Ratio Lower Upper

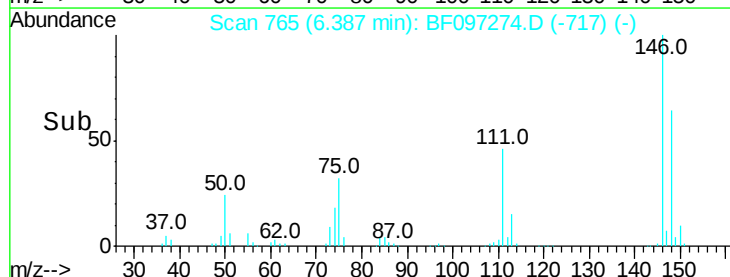
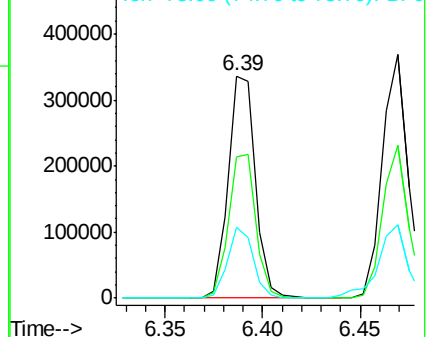
146 100

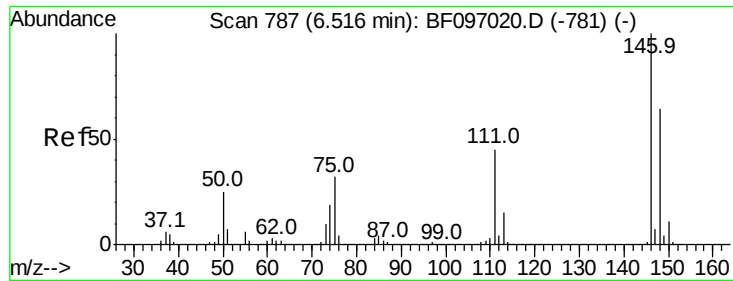
148 63.7 51.8 77.6

75 32.1 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

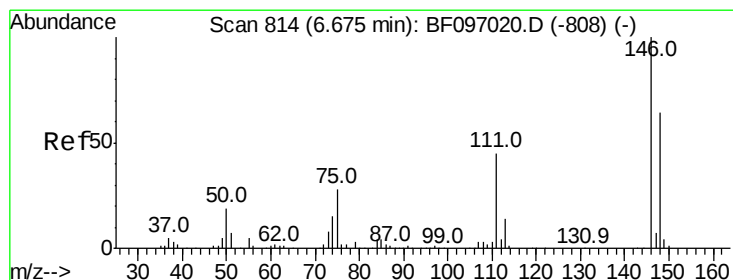
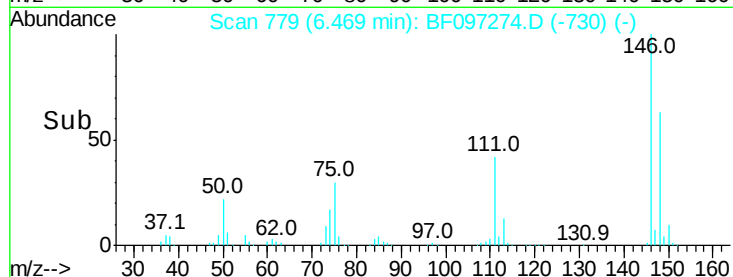
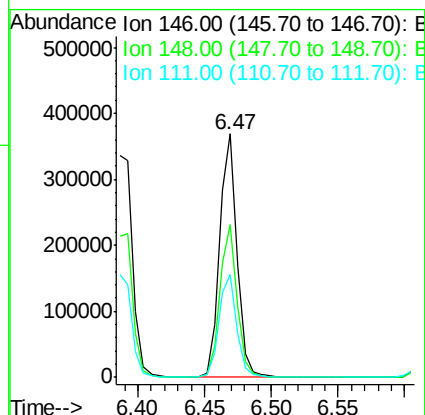
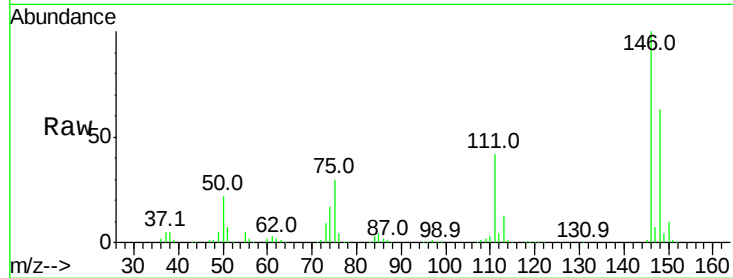




#13
 1,4-Dichlorobenzene
 Concen: 38.078 ng
 RT: 6.47 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

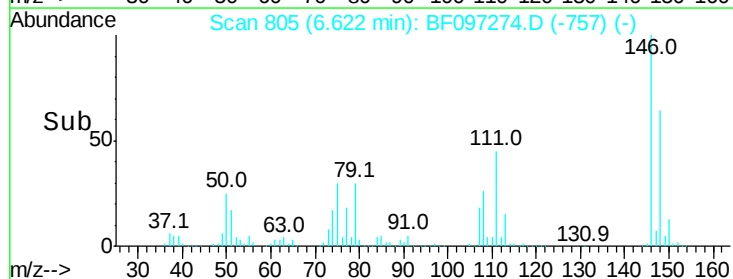
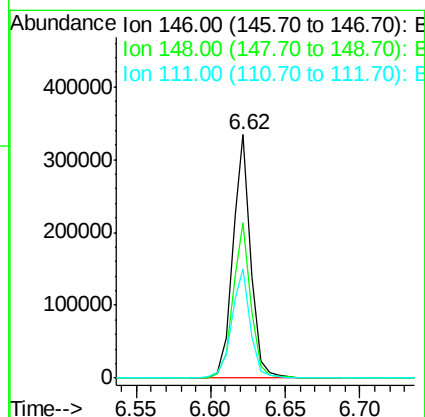
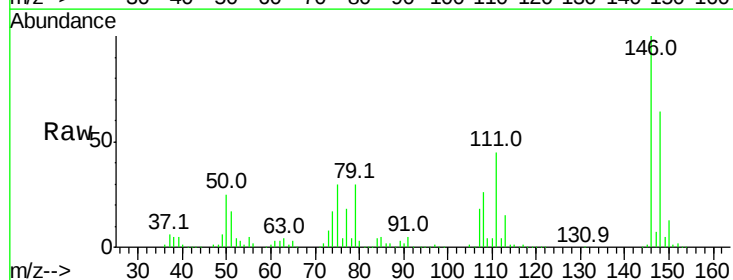
Instrument :
 BNA_F
 ClientSampled :

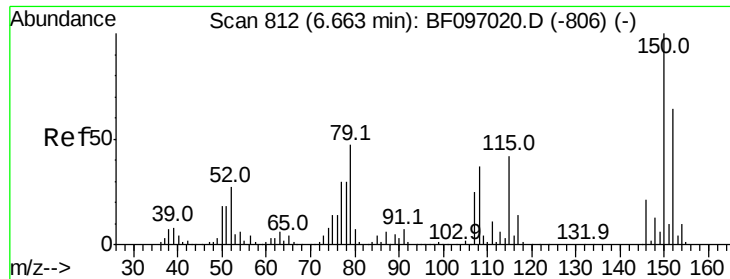
Tot Ion:146 Resp: 339439
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.2 78.2
 111 42.4 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 36.263 ng
 RT: 6.62 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion:146 Resp: 282246
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.4 75.6
 111 44.7 38.2 57.4

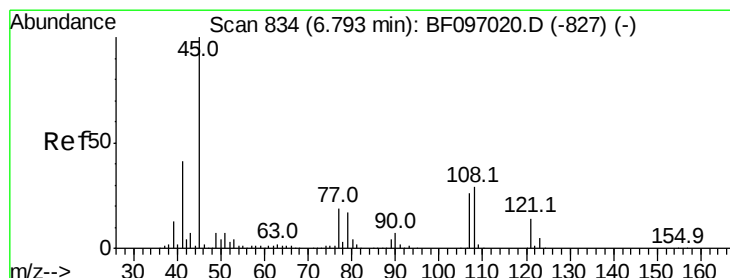
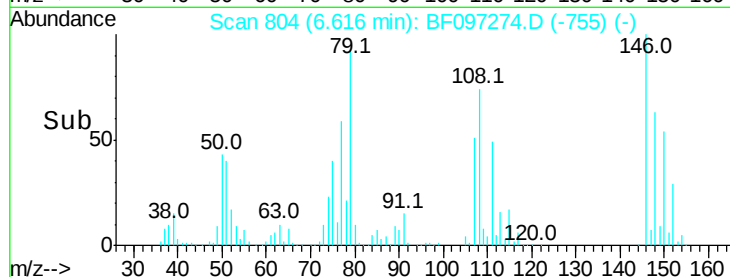
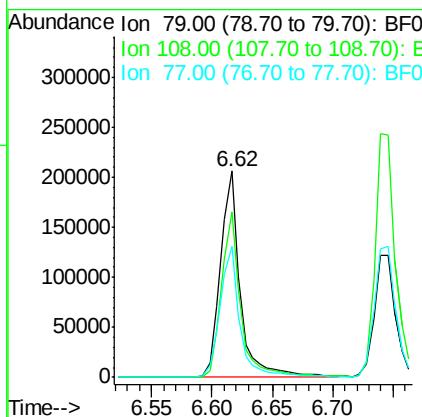
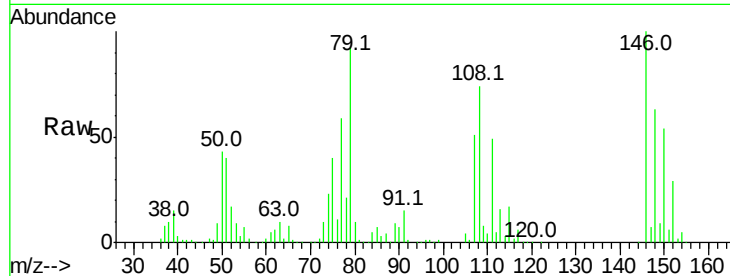




#15
Benzyl Alcohol
Concen: 41.640 ng
RT: 6.62 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

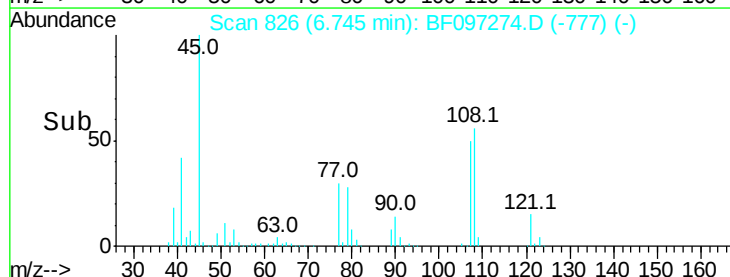
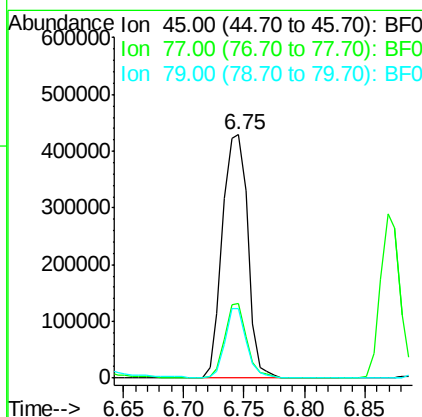
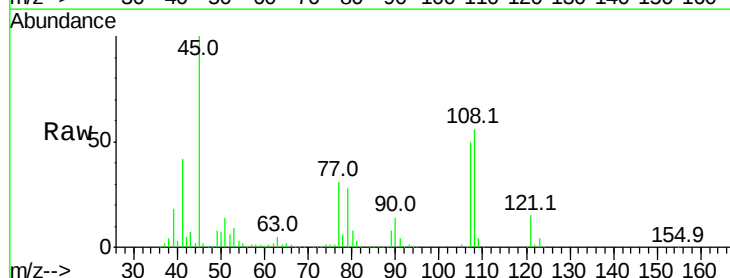
Instrument :
BNA_F
ClientSampleId :

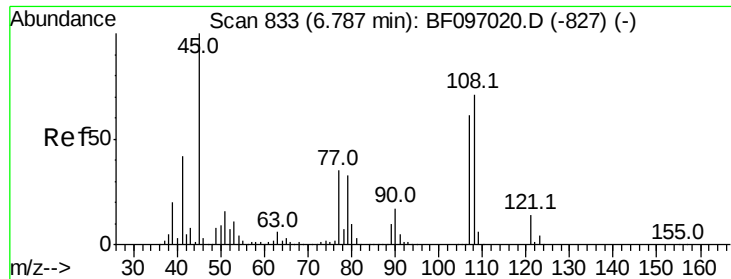
Tot Ion: 79 Resp: 234937
Ion Ratio Lower Upper
79 100
108 80.2 63.4 95.0
77 63.8 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.145 ng
RT: 6.75 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion: 45 Resp: 622855
Ion Ratio Lower Upper
45 100
77 30.6 0.0 33.2
79 28.3 0.0 30.0





#17

2-Methylphenol

Concen: 38.275 ng

RT: 6.75 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 246567

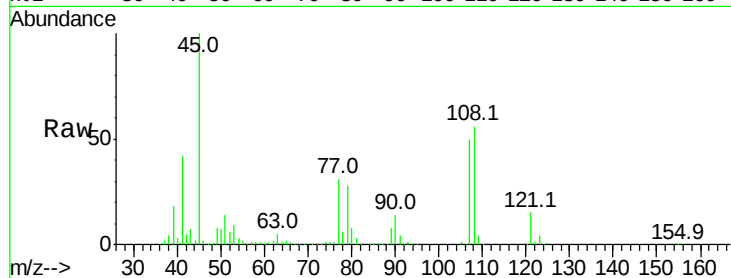
Ion Ratio Lower Upper

107 100

108 113.9 93.4 140.0

77 61.7 35.8 53.6#

79 57.2 34.8 52.2#

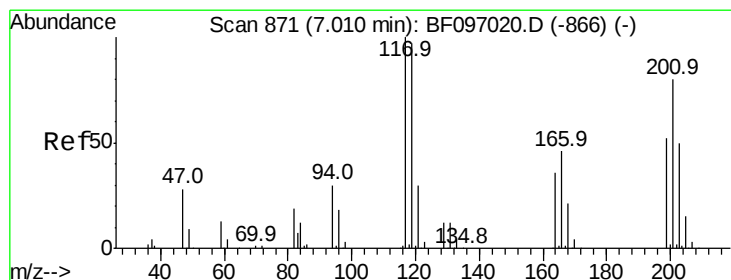
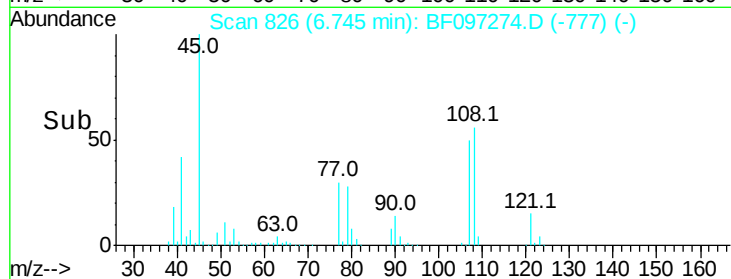
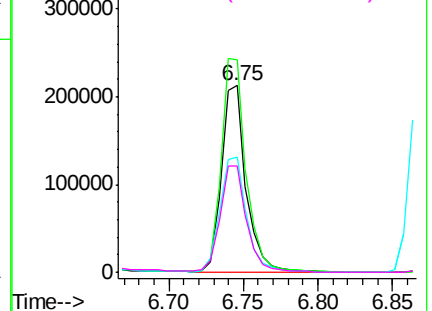


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.577 ng

RT: 6.96 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

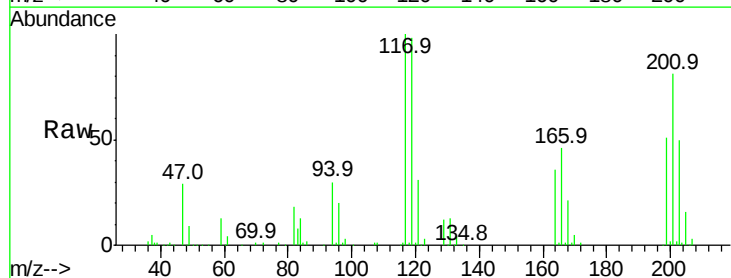
Tgt Ion:117 Resp: 129068

Ion Ratio Lower Upper

117 100

119 97.6 77.4 116.0

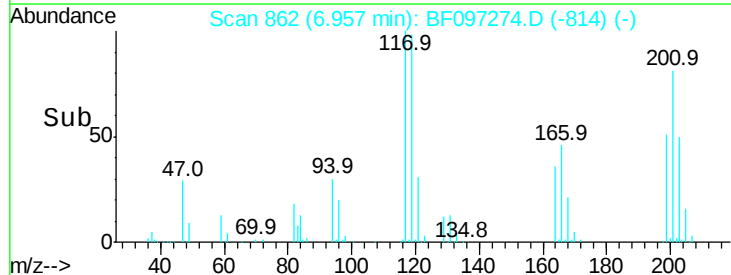
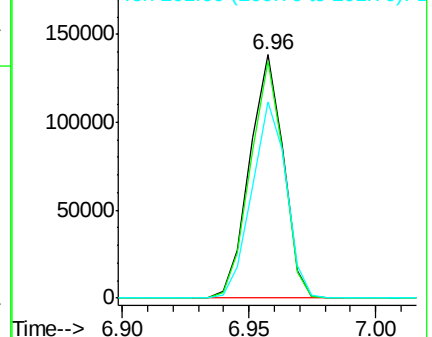
201 80.5 94.6 141.8#

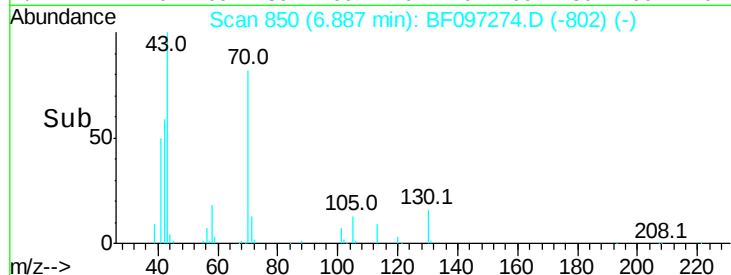
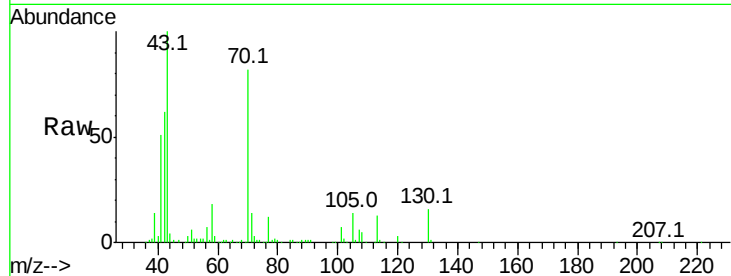
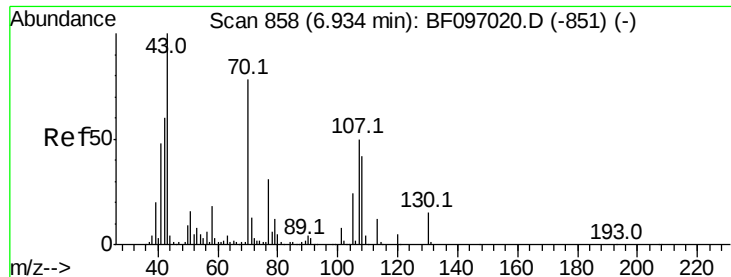


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

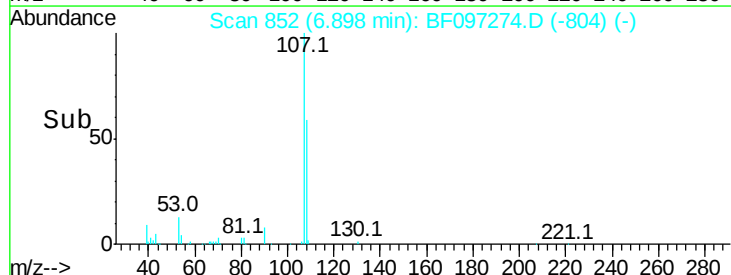
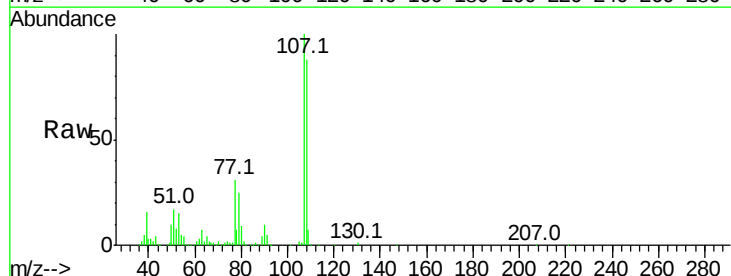
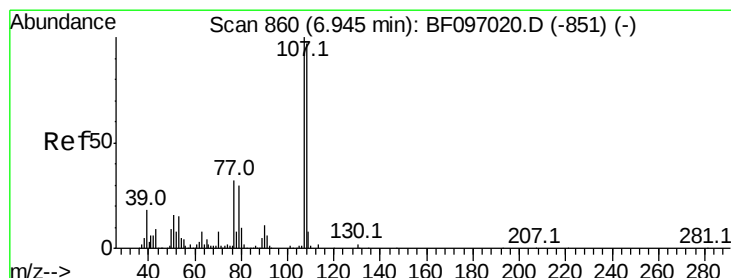
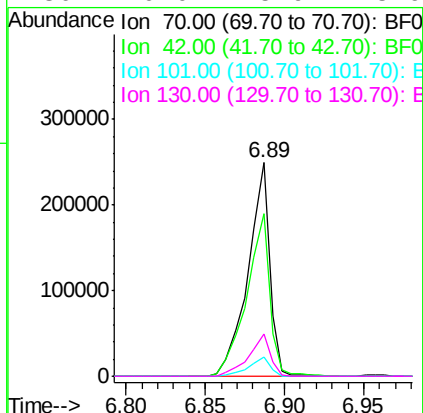




#19
n-Nitroso-di-n-propylamine
Concen: 40.340 ng
RT: 6.89 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

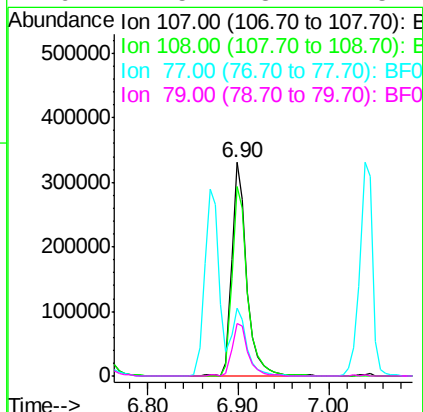
Instrument :
BNA_F
ClientSampleId :

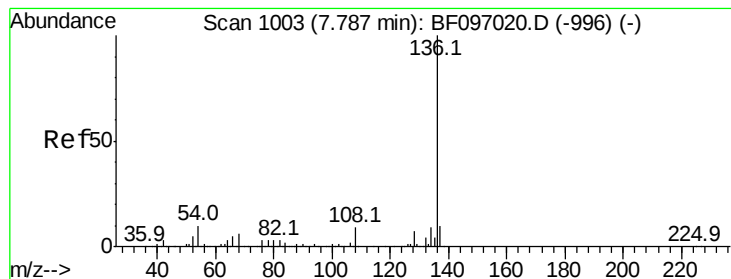
Tot Ion:	70	Resp:	236627
Ion	Ratio	Lower	Upper
70	100		
42	75.9	47.2	70.8#
101	8.9	7.2	10.8
130	20.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 45.037 ng
RT: 6.90 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion:	107	Resp:	378927
Ion	Ratio	Lower	Upper
107	100		
108	88.5	71.0	111.0
77	31.5	90.5	130.5#
79	24.5	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.73 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 470317

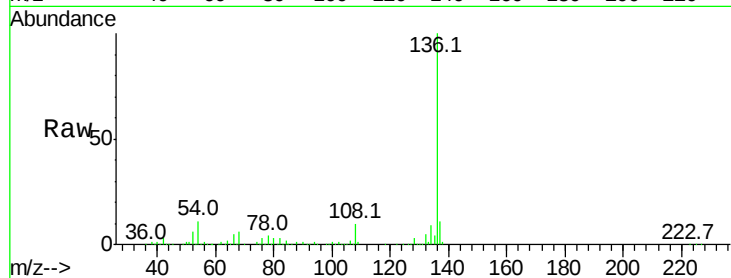
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.8 4.9 7.3#

68 5.6 4.1 6.1

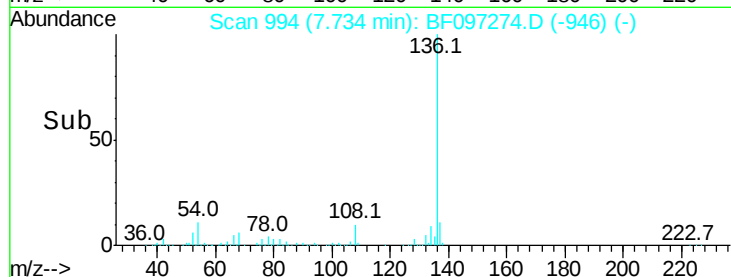


Abundance Ion 136.00 (135.70 to 136.70): E

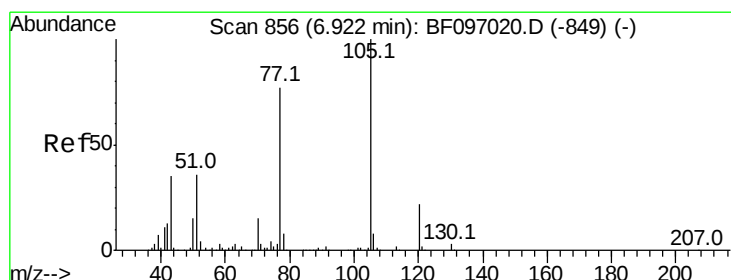
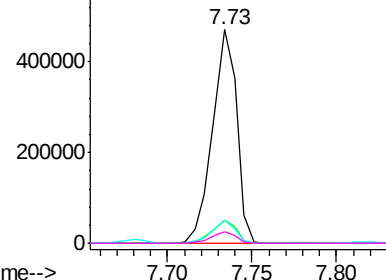
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 39.054 ng

RT: 6.87 min Scan# 847

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Tgt Ion:105 Resp: 441100

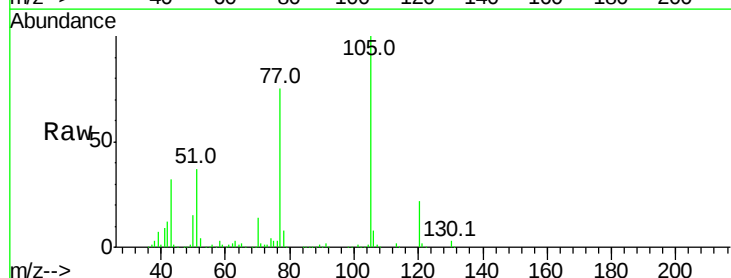
Ion Ratio Lower Upper

105 100

71 2.4 2.8 4.2#

51 37.1 30.7 46.1

120 22.0 17.4 26.0

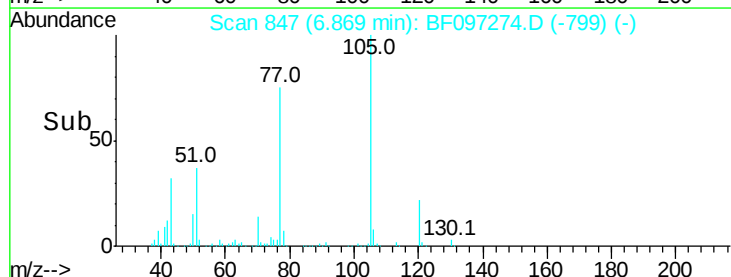


Abundance Ion 105.00 (104.70 to 105.70): E

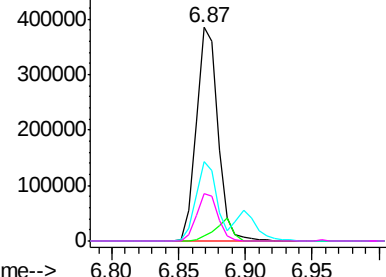
Ion 71.00 (70.70 to 71.70): BF0

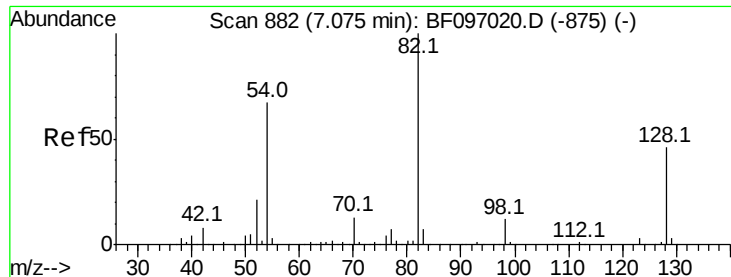
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

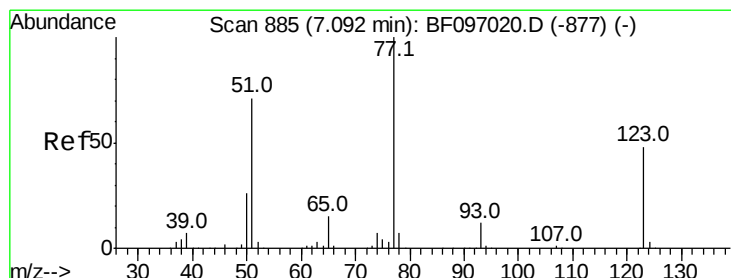
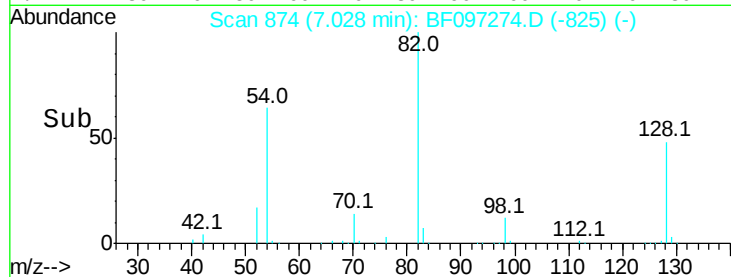
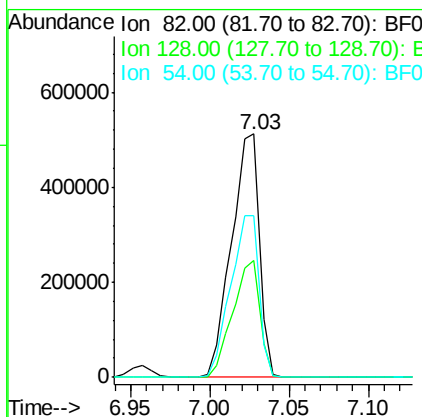
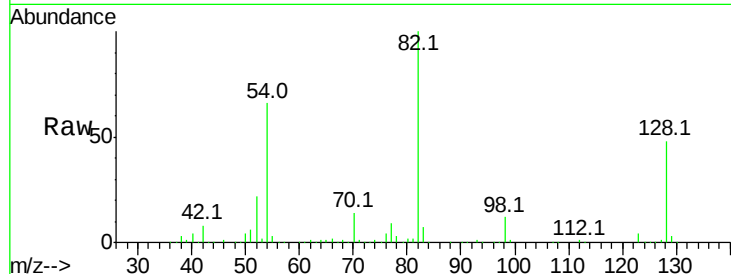




#23
 Nitrobenzene-d5
 Concen: 77.850 ng
 RT: 7.03 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

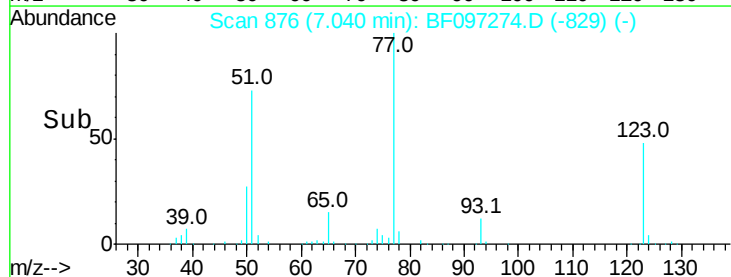
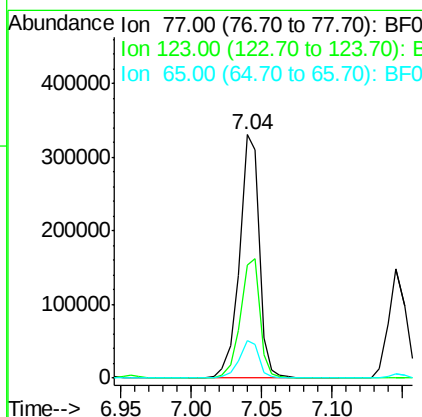
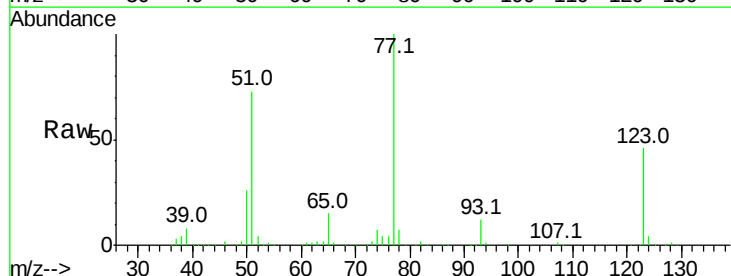
Instrument :
 BNA_F
 ClientSampleId :

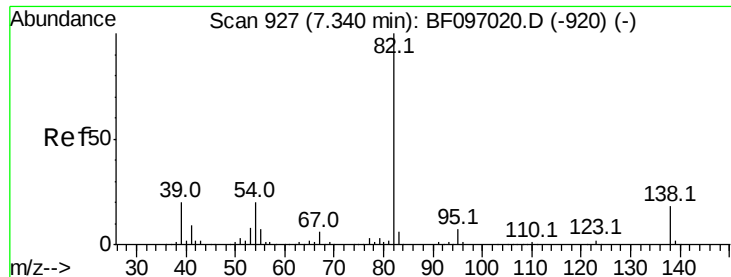
Tot Ion: 82 Resp: 624136
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.0 51.0
 54 66.4 42.2 63.2#



#24
 Nitrobenzene
 Concen: 38.620 ng
 RT: 7.04 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion: 77 Resp: 322468
 Ion Ratio Lower Upper
 77 100
 123 46.5 35.8 53.8
 65 15.2 10.6 15.8





#25

Isophorone

Concen: 40.544 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampleId :

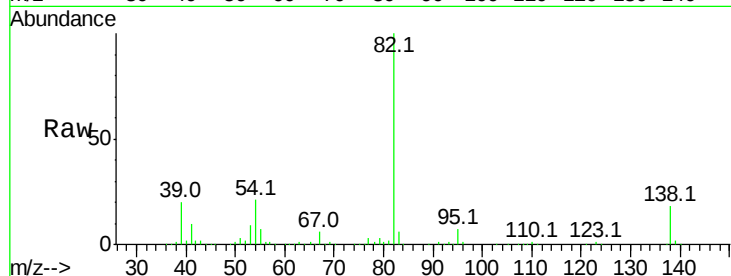
Tot Ion: 82 Resp: 636561

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

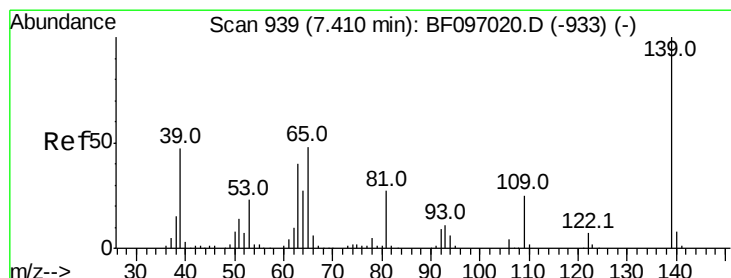
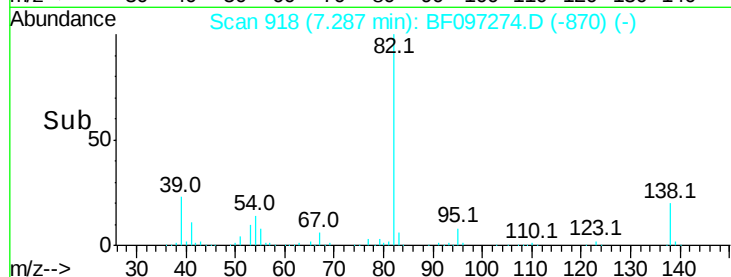
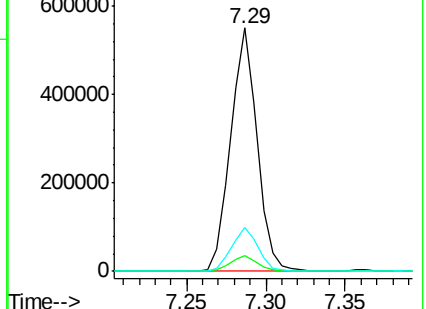
138 17.9 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 36.290 ng

RT: 7.36 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

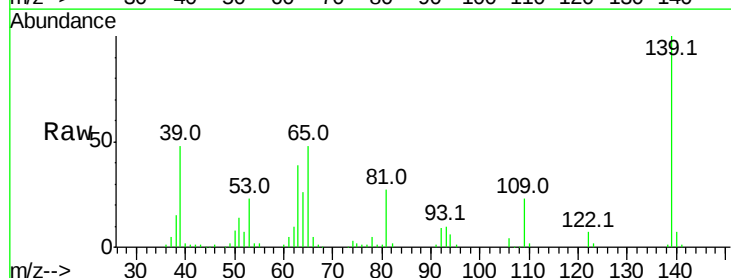
Tgt Ion:139 Resp: 163932

Ion Ratio Lower Upper

139 100

109 23.3 21.0 31.6

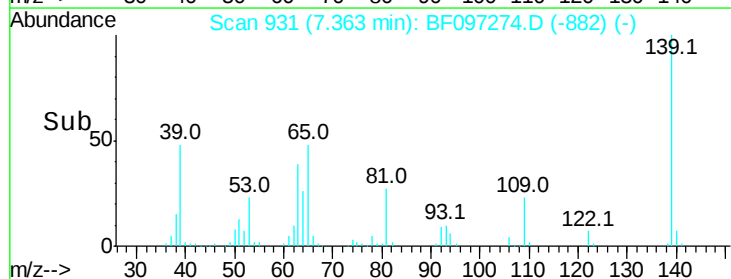
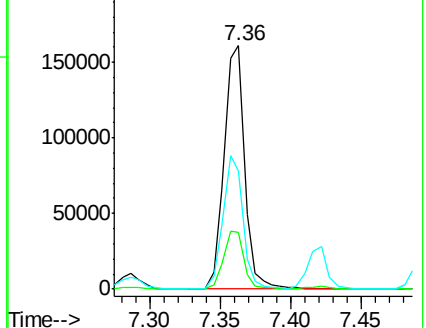
65 48.5 33.0 49.6

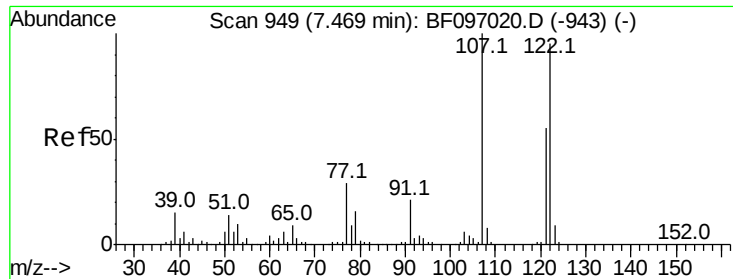


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

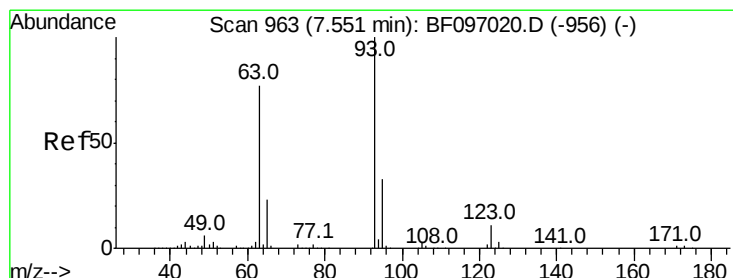
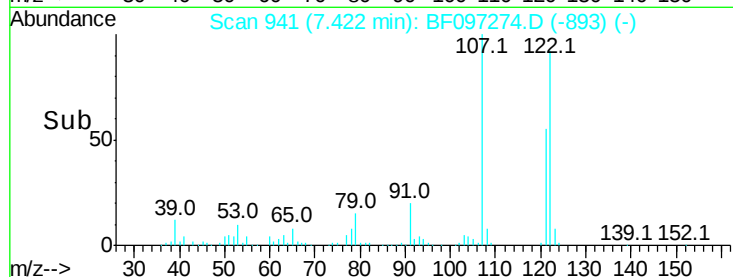
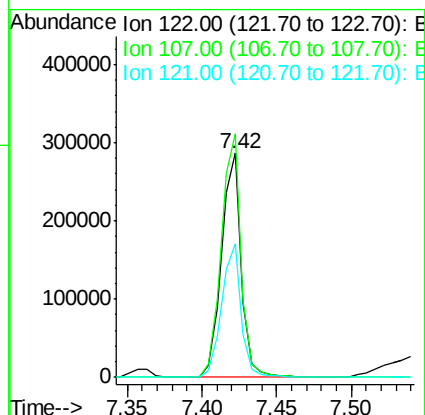
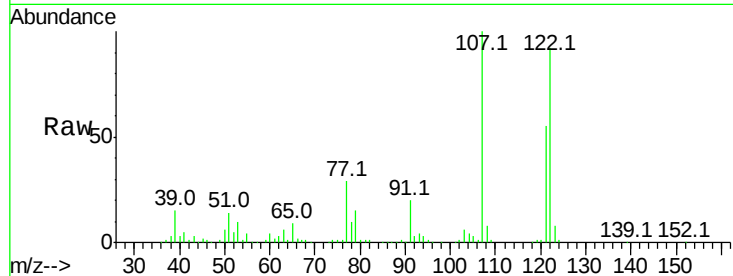




#27
2,4-Dimethylphenol
Concen: 35.912 ng
RT: 7.42 min Scan# 941
Delta R.T. -0.02 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

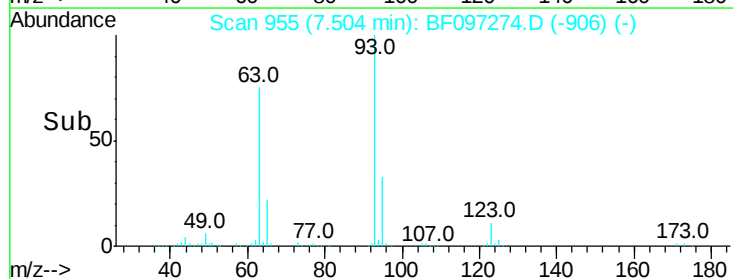
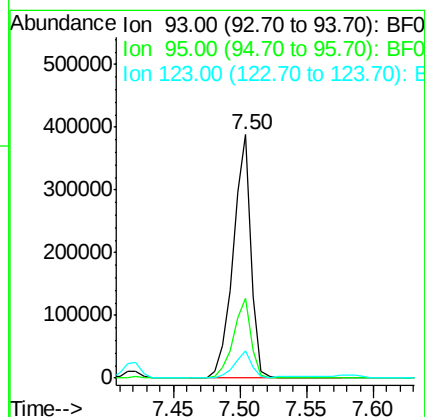
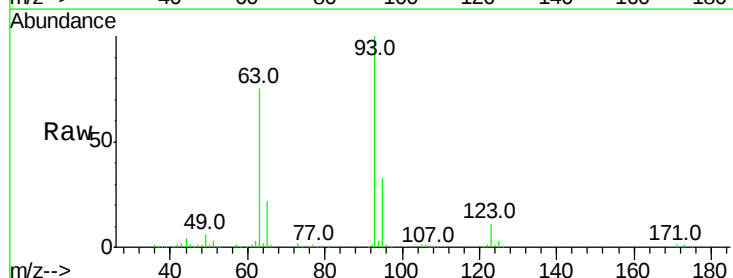
Instrument :
BNA_F
ClientSampleId :

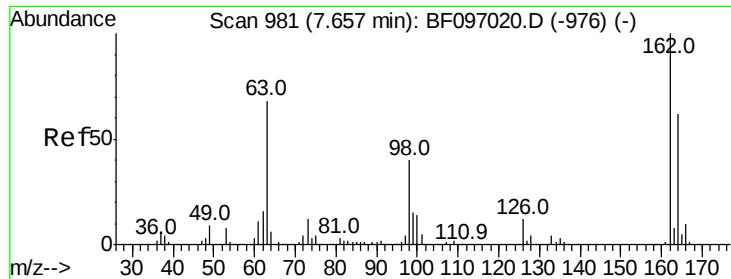
Tot Ion:122 Resp: 267606
Ion Ratio Lower Upper
122 100
107 108.5 89.2 133.8
121 59.7 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 35.706 ng
RT: 7.50 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion: 93 Resp: 365837
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 11.3 9.0 13.4

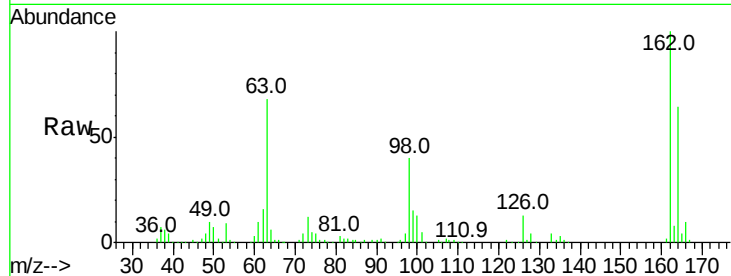




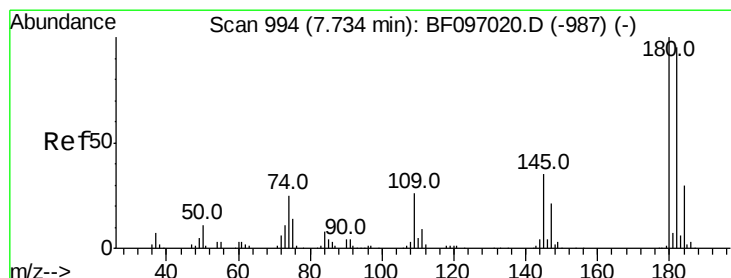
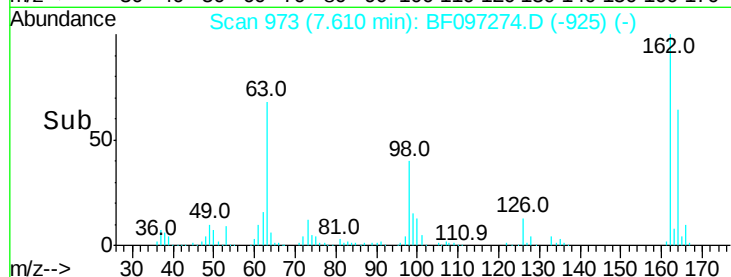
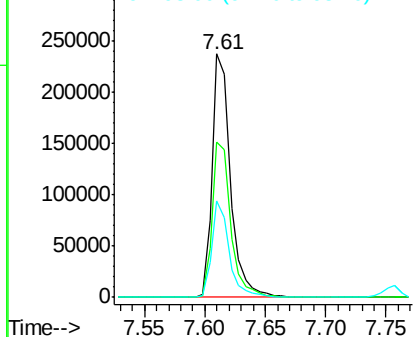
#29
 2,4-Dichlorophenol
 Concen: 38.419 ng
 RT: 7.61 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.6	84.6
98	39.7	14.8	54.8

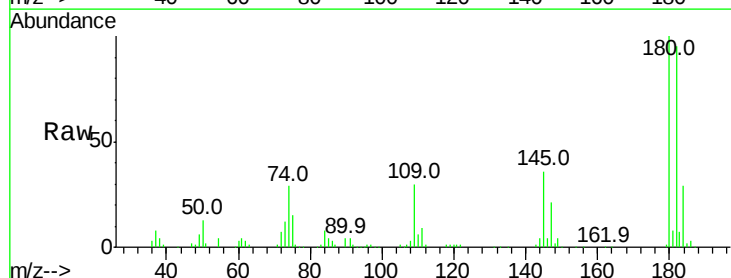


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

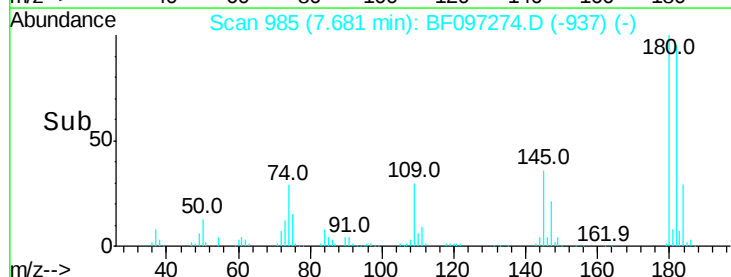
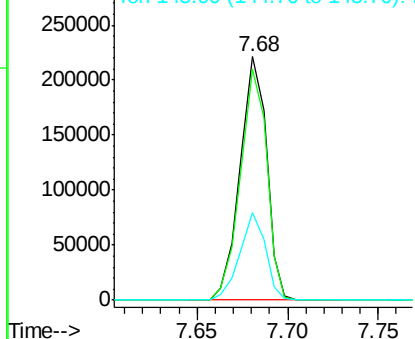


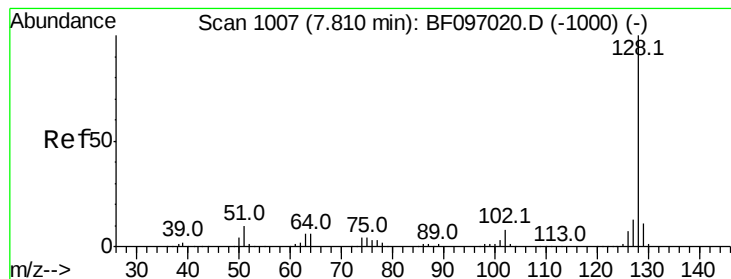
#30
 1,2,4-Trichlorobenzene
 Concen: 37.070 ng
 RT: 7.68 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	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: 39.105 ng

RT: 7.76 min Scan# 998

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampleId :

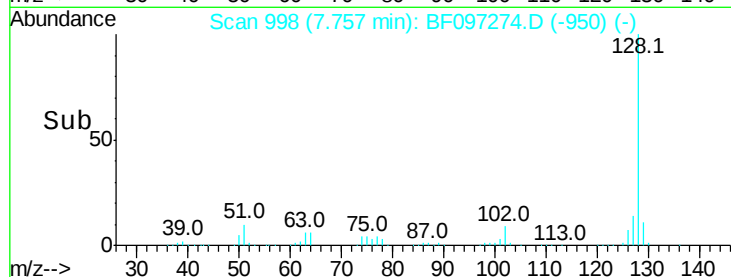
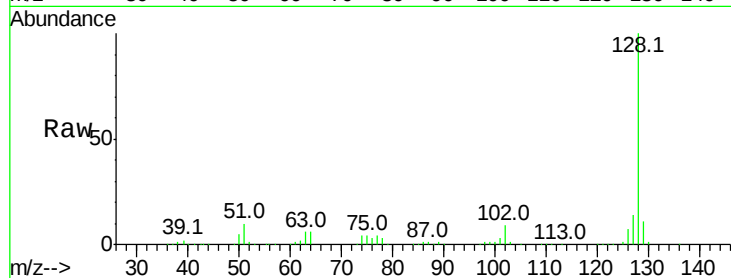
Tot Ion:128 Resp: 866970

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

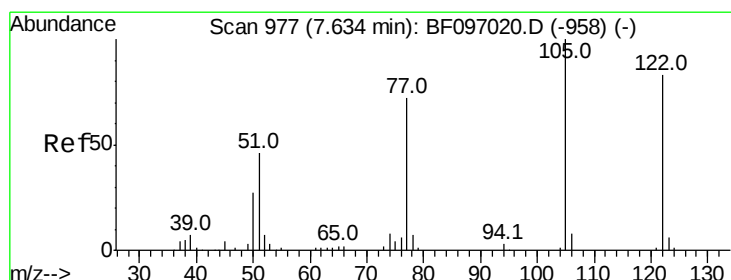
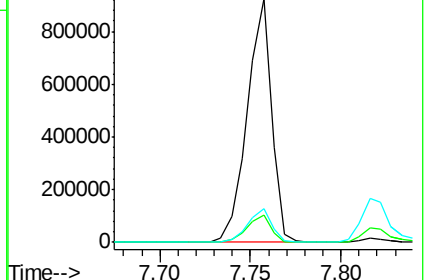
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.987 ng

RT: 7.59 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

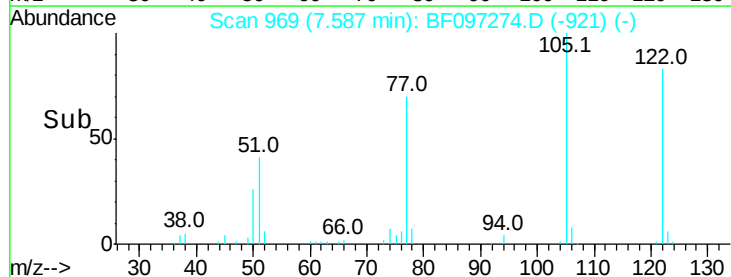
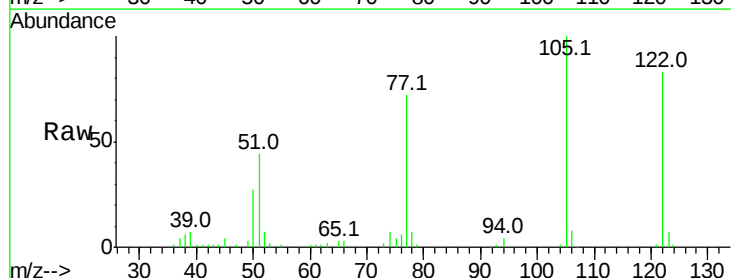
Tgt Ion:122 Resp: 189116

Ion Ratio Lower Upper

122 100

105 120.5 103.3 143.3

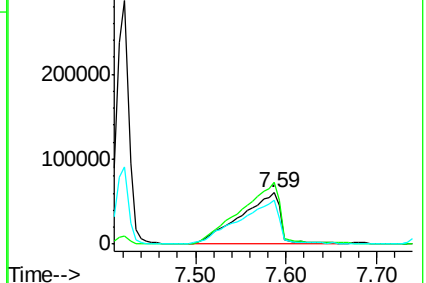
77 86.4 73.7 113.7

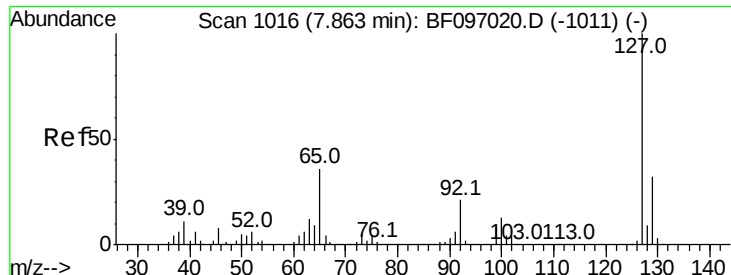


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

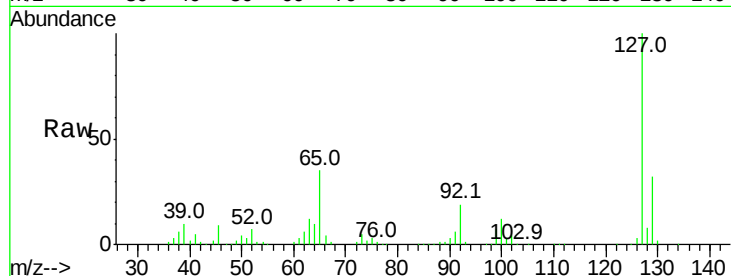




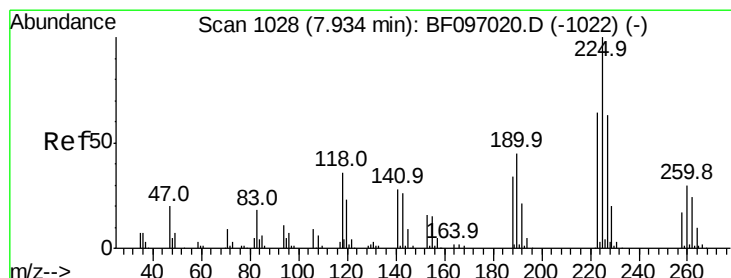
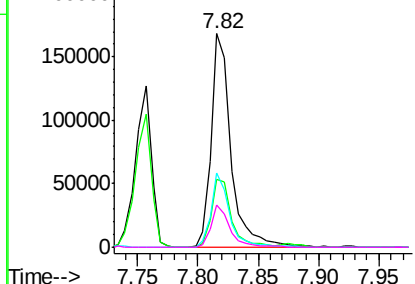
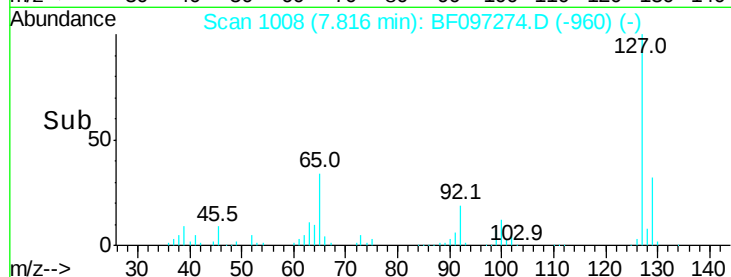
#33
4-Chloroaniline
Concen: 20.999 ng
RT: 7.82 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	189430
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	34.7	27.8	41.8
92	19.5	16.8	25.2

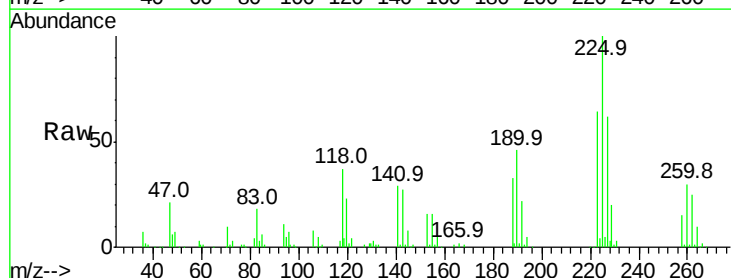


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

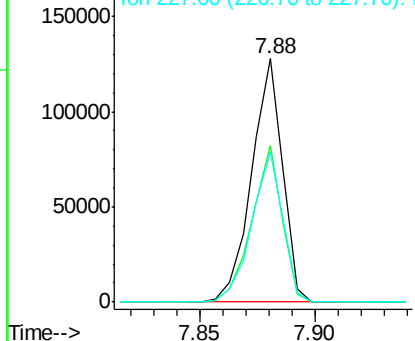
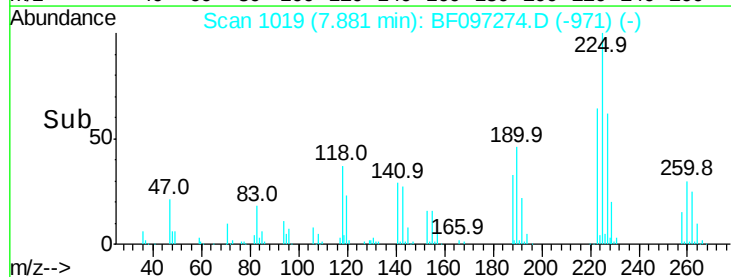


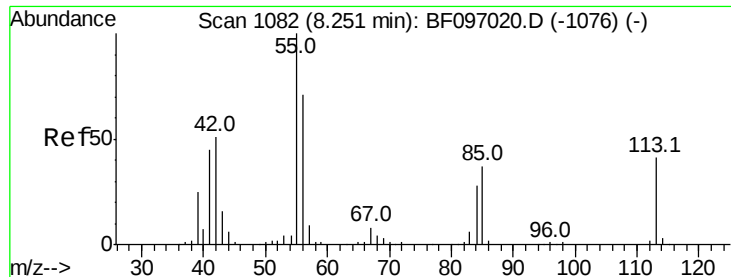
#34
Hexachlorobutadiene
Concen: 36.790 ng
RT: 7.88 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion:	225	Resp:	119343
Ion	Ratio	Lower	Upper
225	100		
223	64.2	48.8	73.2
227	61.7	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

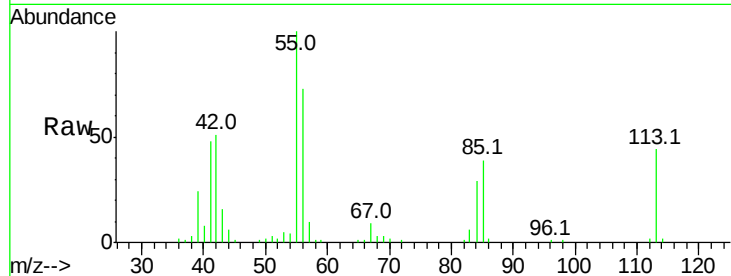




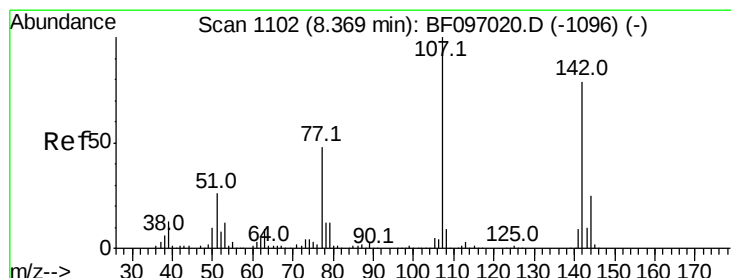
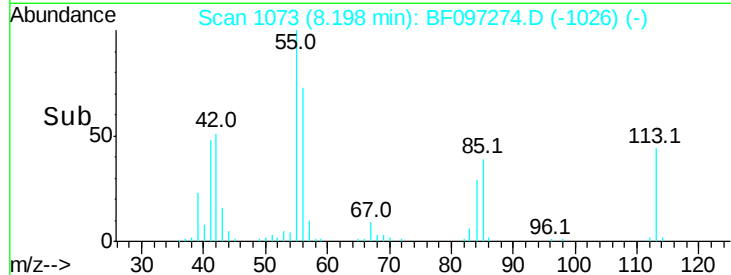
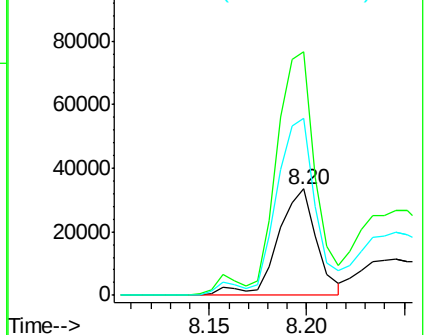
#35
 Caprolactam
 Concen: 22.463 ng
 RT: 8.20 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 46240
 Ion Ratio Lower Upper
 113 100
 55 229.1 150.2 190.2#
 56 166.4 107.8 147.8#

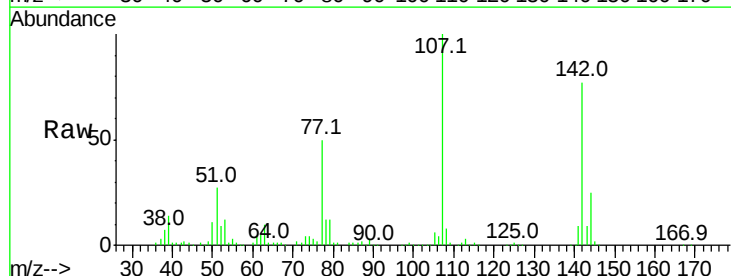


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

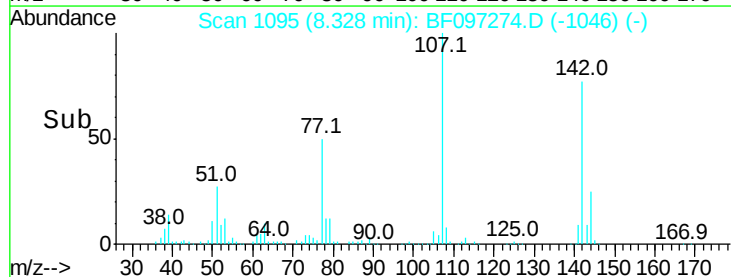
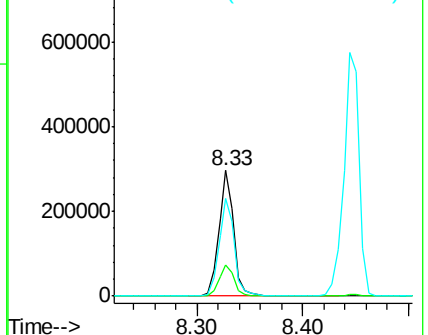


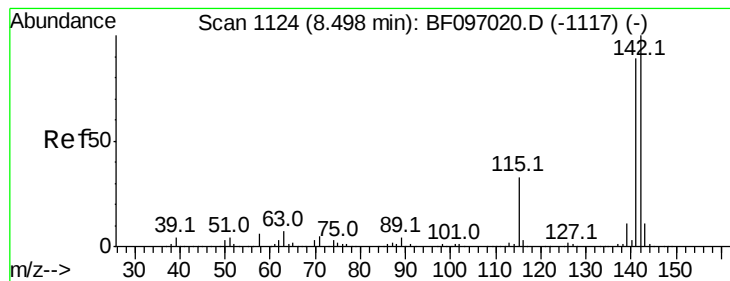
#36
 4-Chloro-3-methylphenol
 Concen: 42.028 ng
 RT: 8.33 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion:107 Resp: 294342
 Ion Ratio Lower Upper
 107 100
 144 24.8 24.2 36.4
 142 77.5 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: 41.918 ng

RT: 8.45 min Scan# 1115

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampleId :

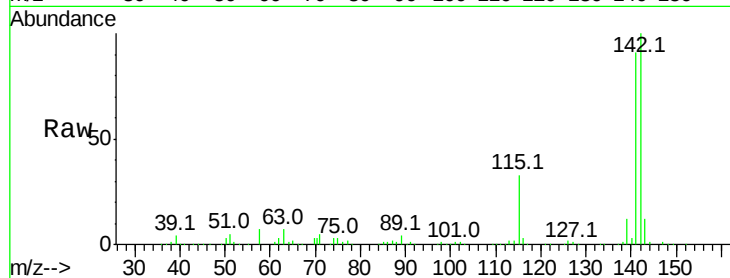
Tot Ion:142 Resp: 588408

Ion Ratio Lower Upper

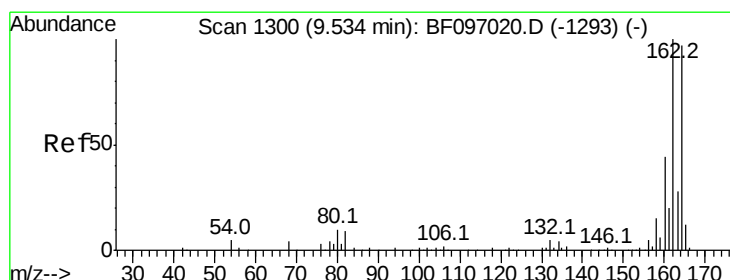
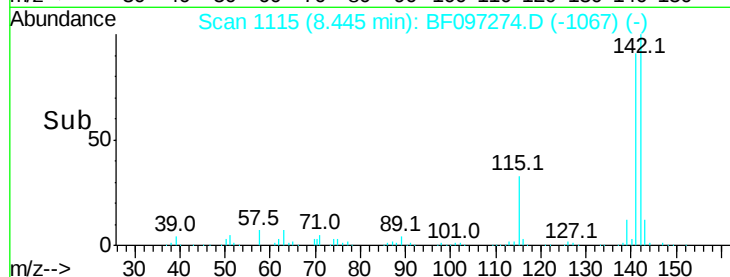
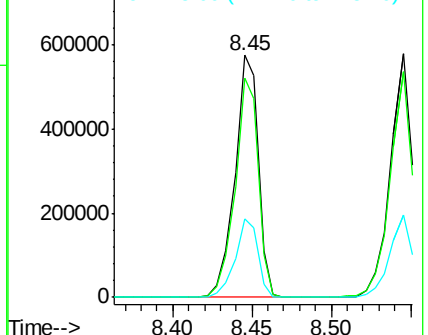
142 100

141 90.5 71.3 106.9

115 32.7 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.48 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

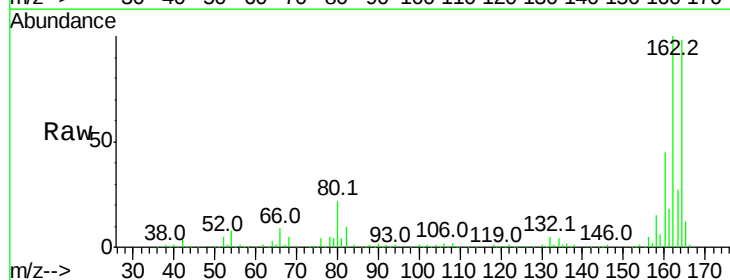
Tgt Ion:164 Resp: 240424

Ion Ratio Lower Upper

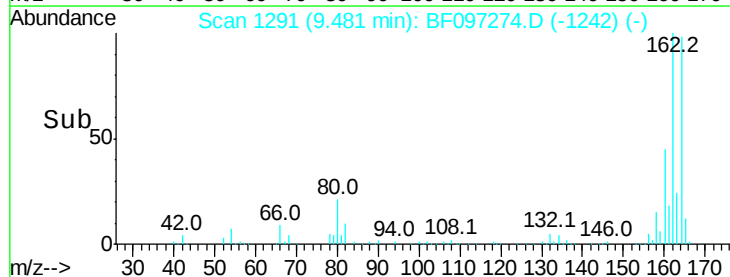
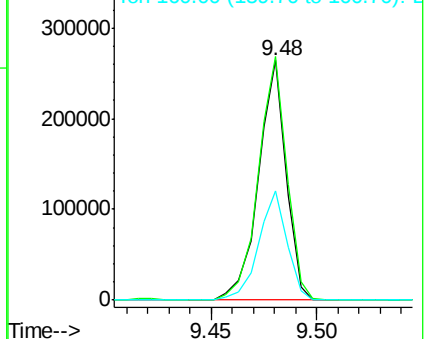
164 100

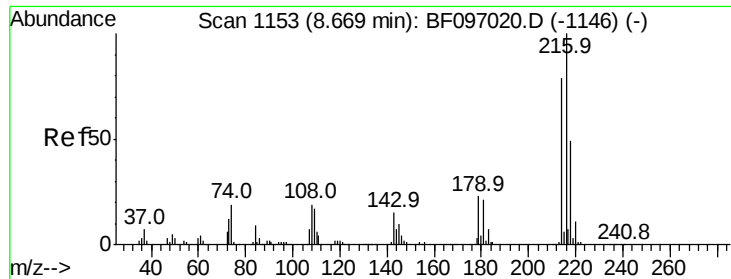
162 101.6 82.6 123.8

160 45.7 36.2 54.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.124 ng

RT: 8.62 min Scan# 1144

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 206080

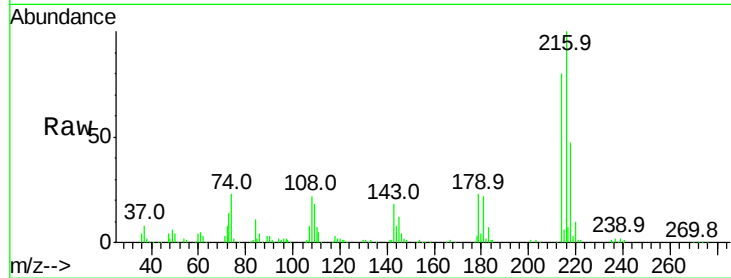
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 22.3 17.9 26.9

108 22.3 16.5 24.7

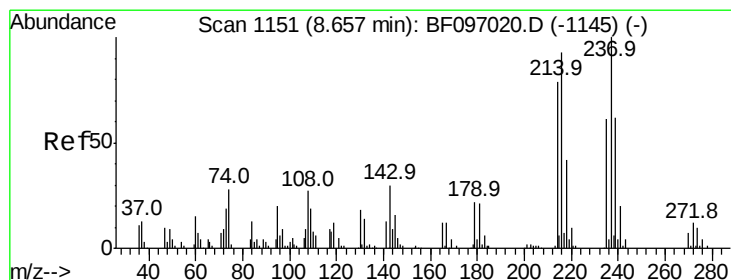
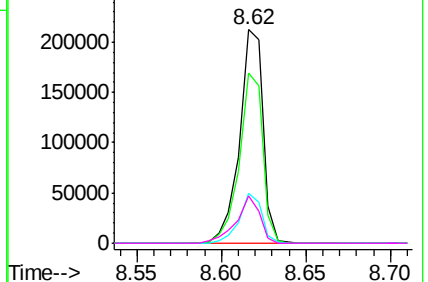
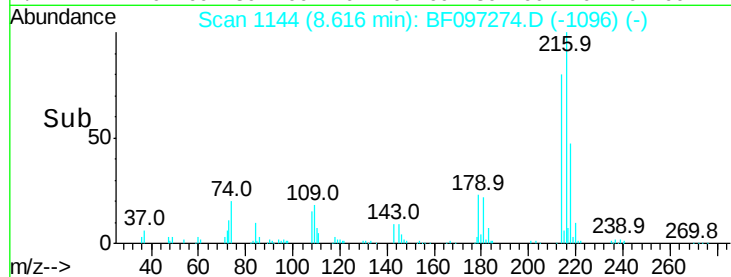


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 57.847 ng

RT: 8.60 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

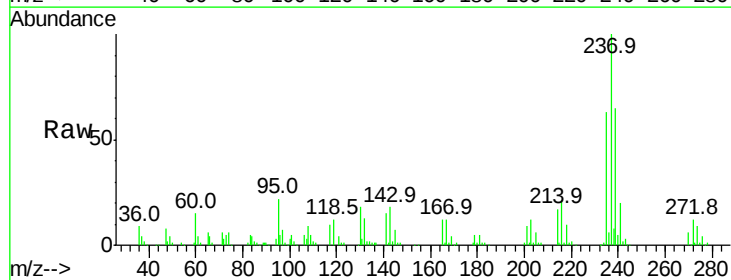
Tgt Ion:237 Resp: 125305

Ion Ratio Lower Upper

237 100

235 62.8 42.6 82.6

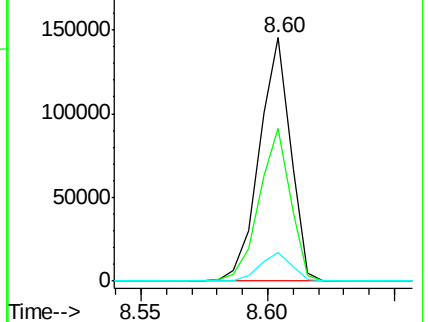
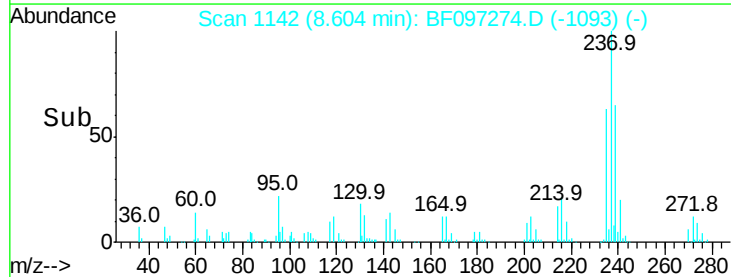
272 11.9 0.0 31.9

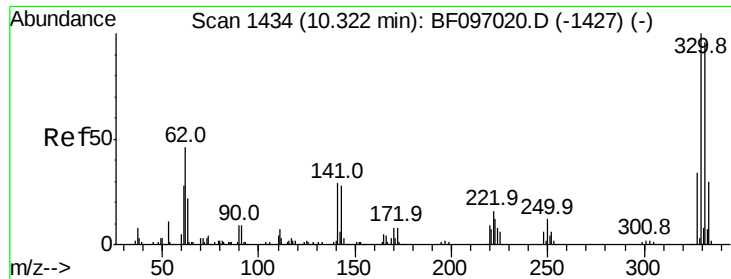


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

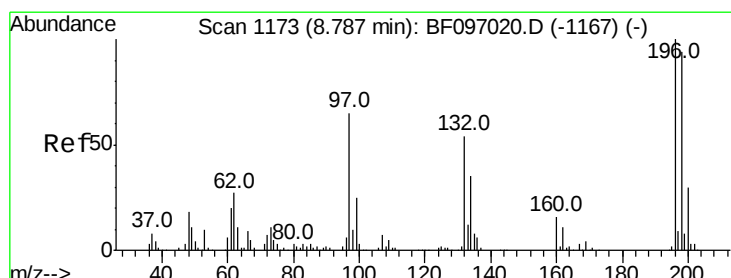
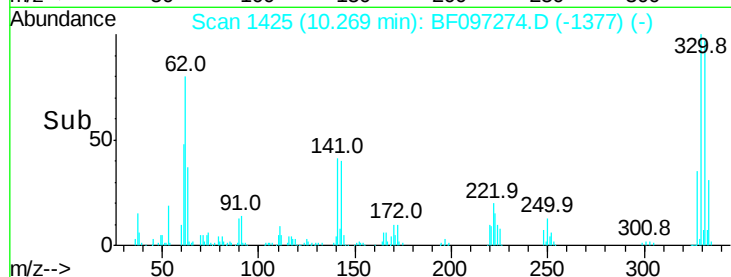
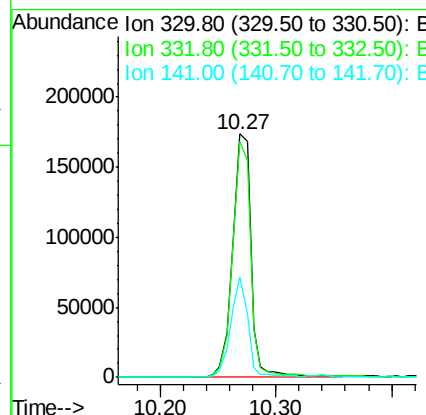
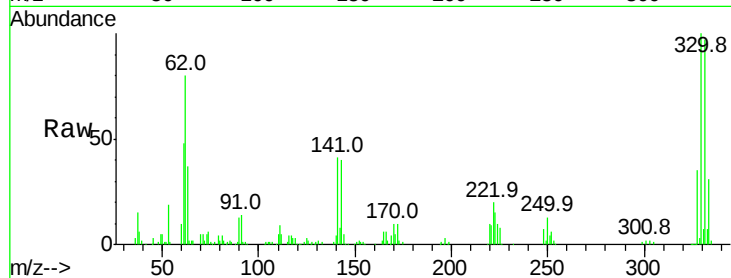




#41
 2,4,6-Tribromophenol
 Concen: 102.211 ng
 RT: 10.27 min Scan# 1425
 Delta R.T. -0.02 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

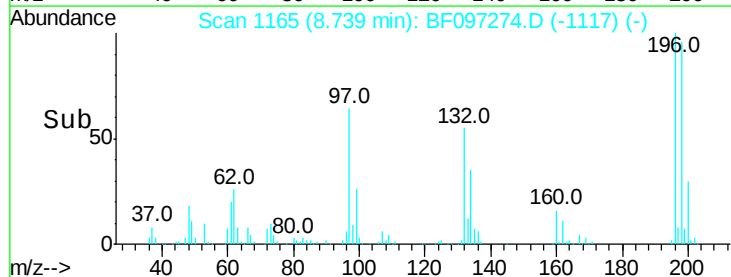
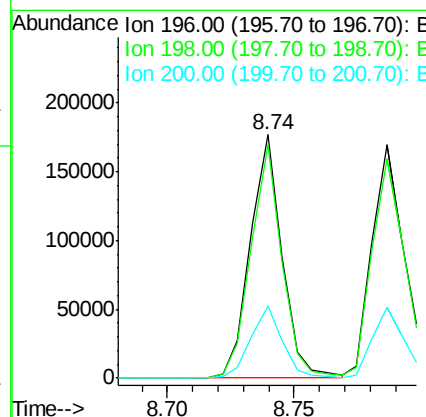
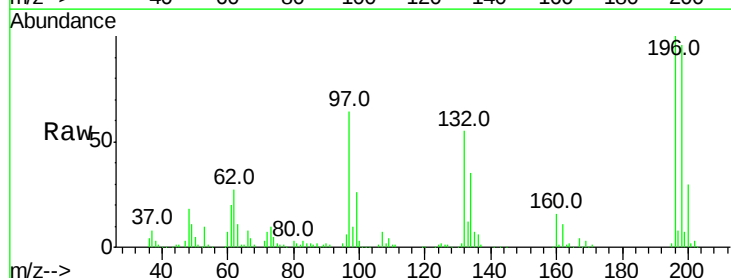
Instrument :
 BNA_F
 ClientSampleId :

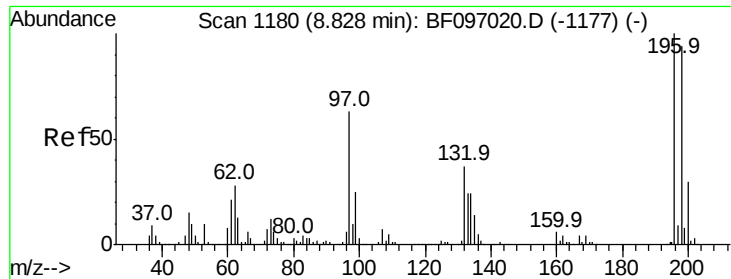
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	38.2	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 33.260 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.02 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	74.2	111.4
200	29.9	24.0	36.0

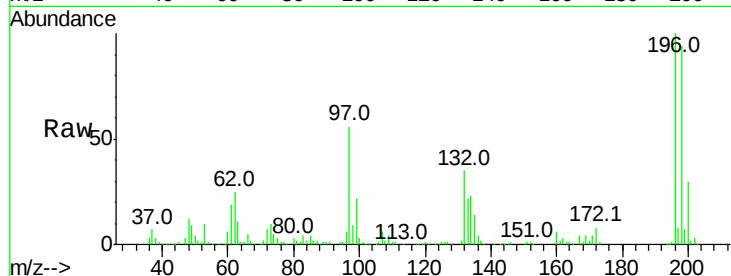




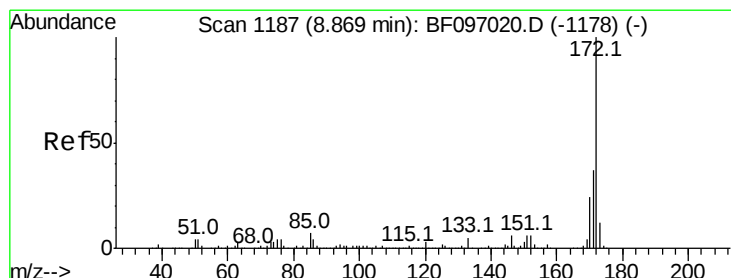
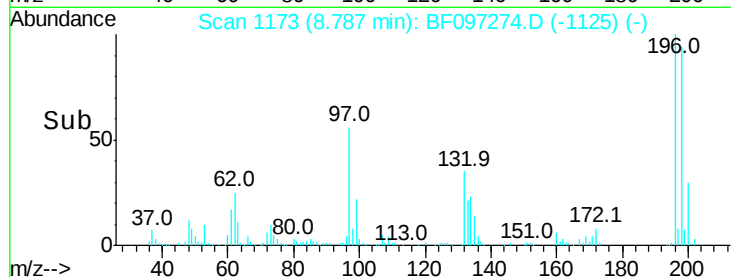
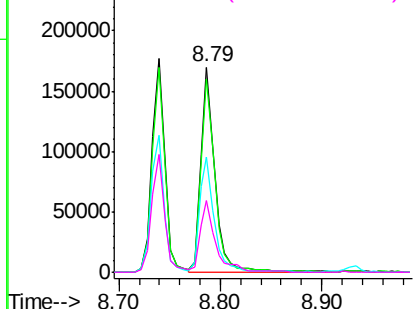
#43
 2,4,5-Trichlorophenol
 Concen: 35.019 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. -0.02 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 162949
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.7 113.5
 97 56.3 47.7 71.5
 132 35.0 28.0 42.0

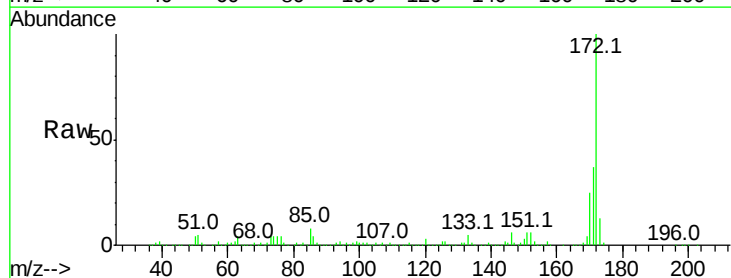


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

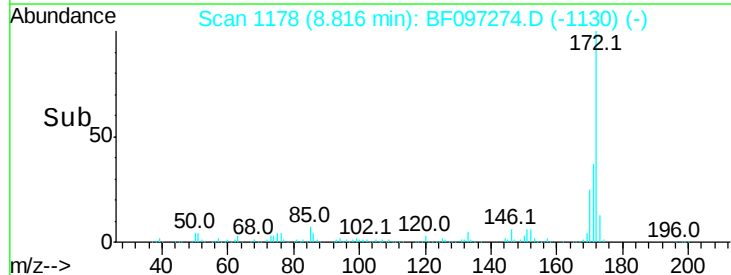
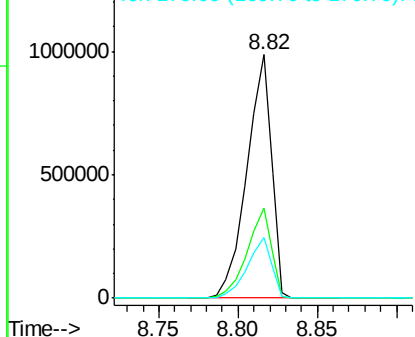


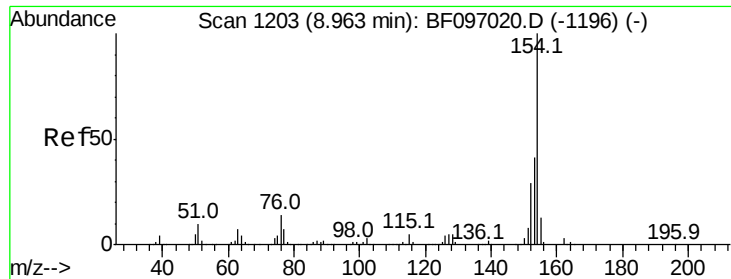
#44
 2-Fluorobiphenyl
 Concen: 74.945 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion:172 Resp: 1061733
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.7 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: 34.682 ng

RT: 8.91 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampleId :

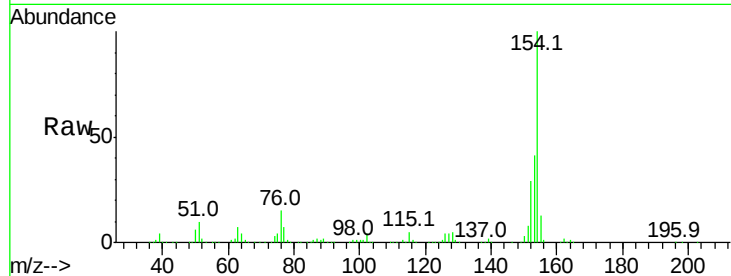
Tot Ion:154 Resp: 712209

Ion Ratio Lower Upper

154 100

153 40.6 21.2 61.2

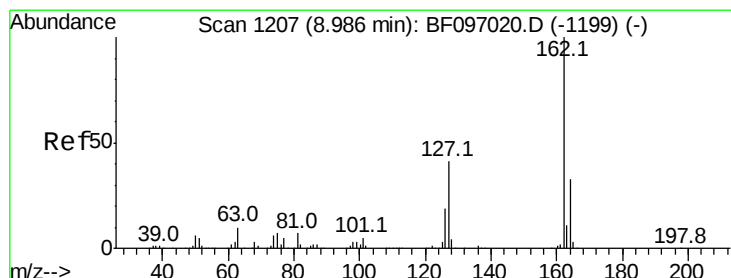
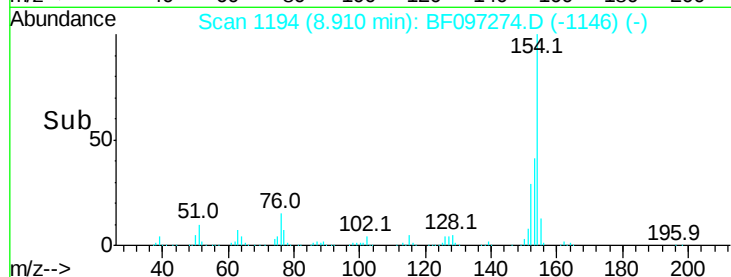
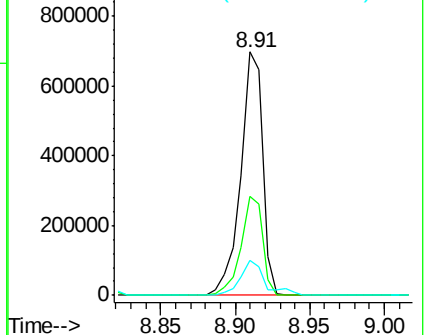
76 14.6 0.0 29.9



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: 36.259 ng

RT: 8.93 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

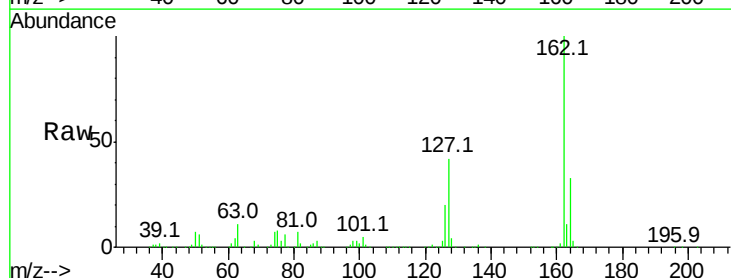
Tgt Ion:162 Resp: 547936

Ion Ratio Lower Upper

162 100

127 41.9 28.3 42.5

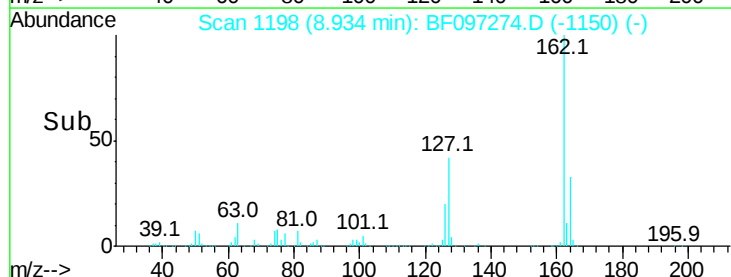
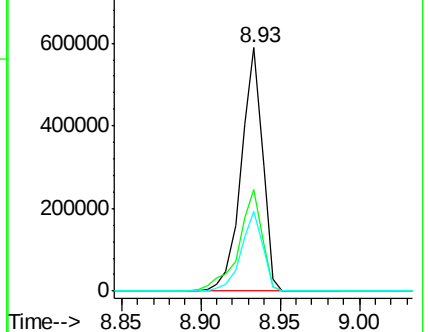
164 32.6 27.0 40.4

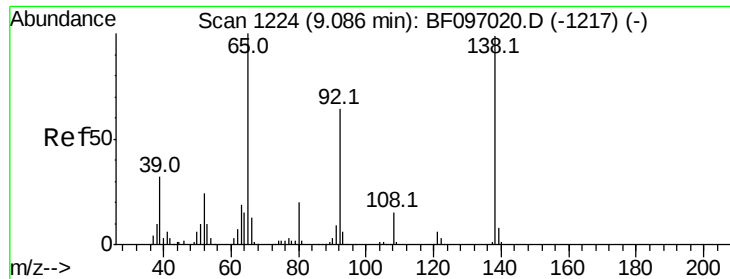


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.877 ng

RT: 9.04 min Scan# 1216

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampled :

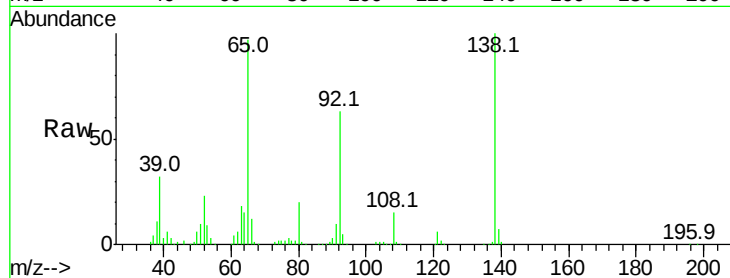
Tot Ion: 65 Resp: 207727

Ion Ratio Lower Upper

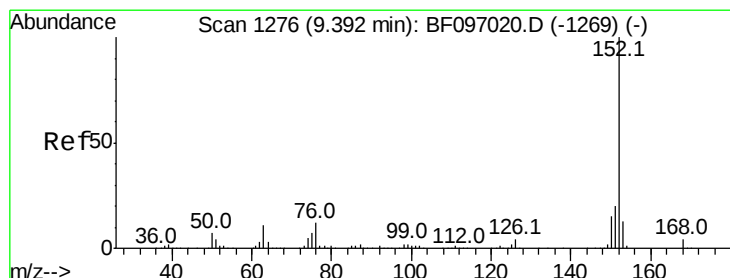
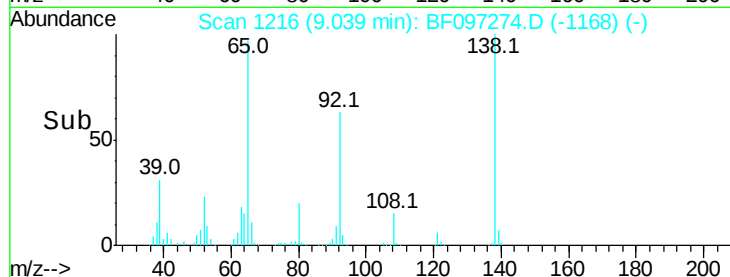
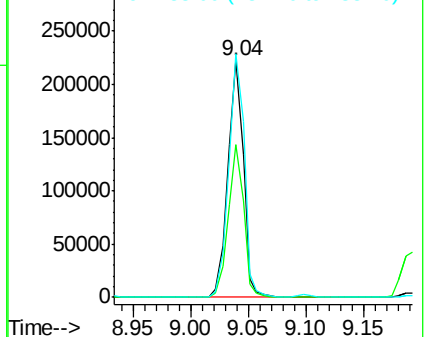
65 100

92 64.6 53.9 80.9

138 102.8 78.8 118.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 34.218 ng

RT: 9.34 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

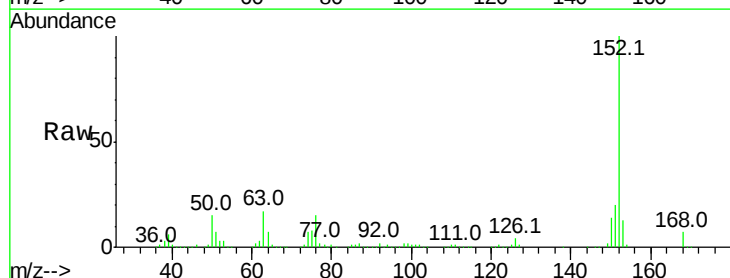
Tgt Ion: 152 Resp: 793703

Ion Ratio Lower Upper

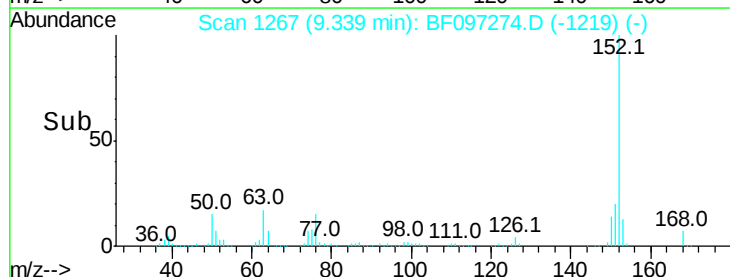
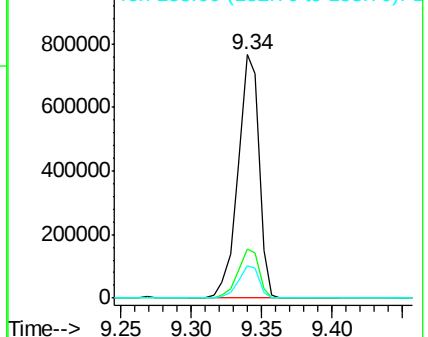
152 100

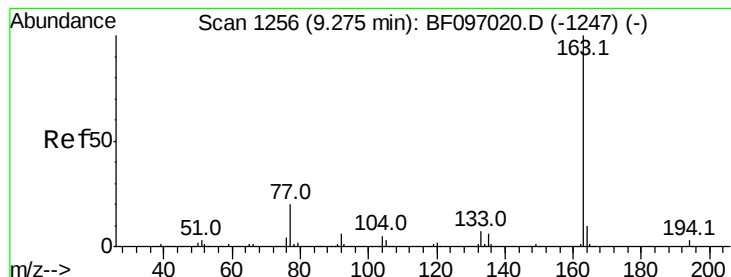
151 20.3 16.8 25.2

153 13.3 10.8 16.2



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





#49

Dimethylphthalate

Concen: 35.436 ng

RT: 9.22 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampleId :

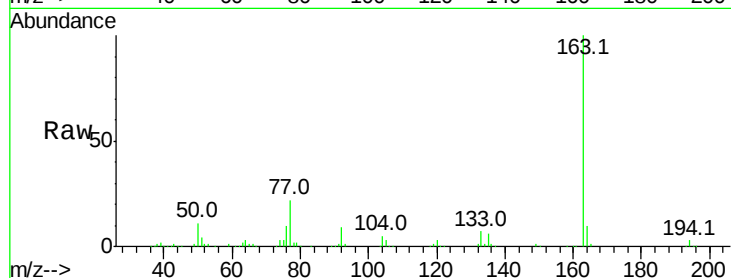
Tot Ion:163 Resp: 646972

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

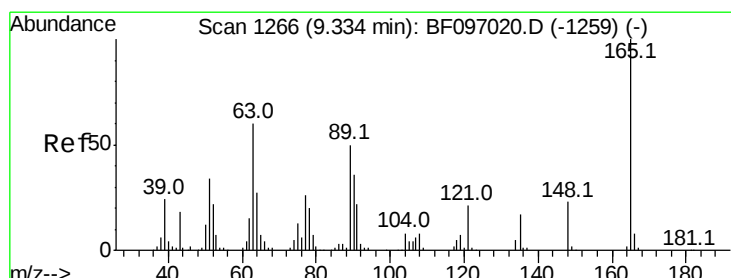
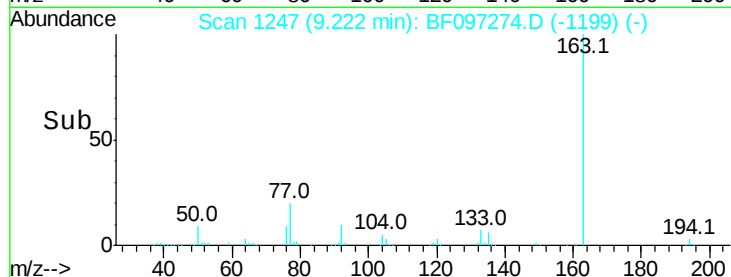
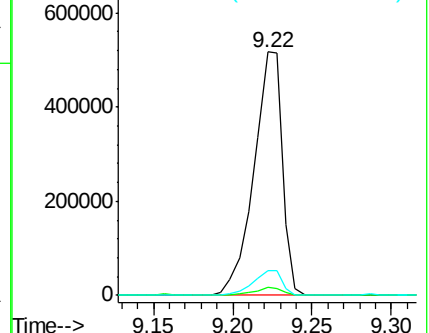
164 10.1 8.4 12.6



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: 35.556 ng

RT: 9.29 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

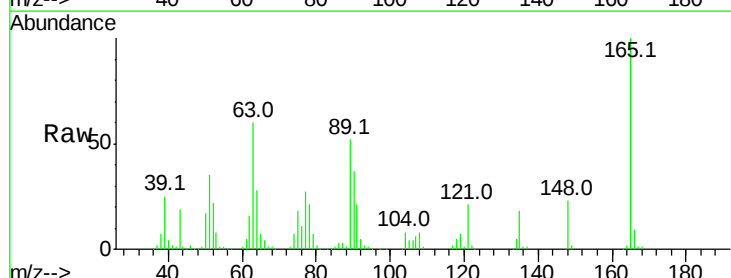
Tgt Ion:165 Resp: 137682

Ion Ratio Lower Upper

165 100

63 59.7 34.3 51.5#

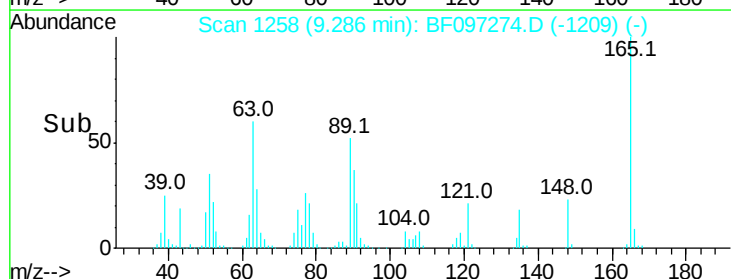
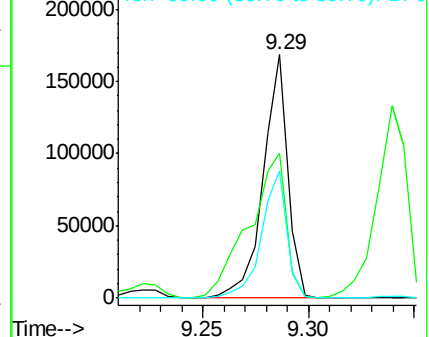
89 52.1 37.1 55.7

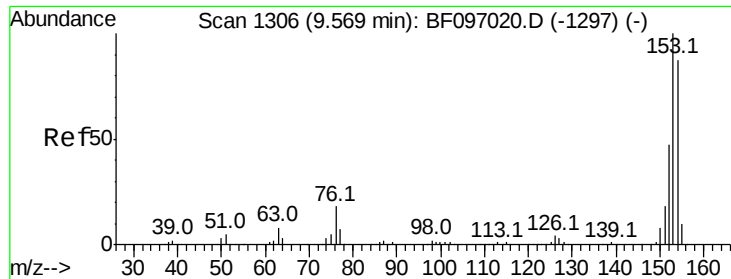


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

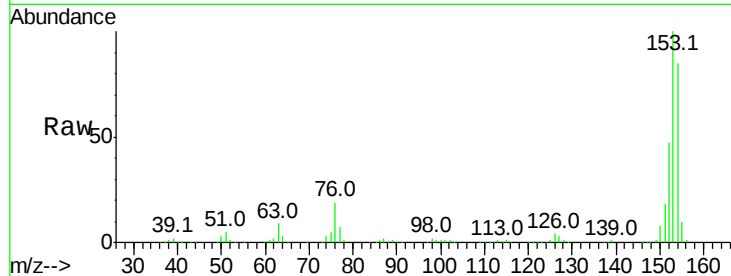




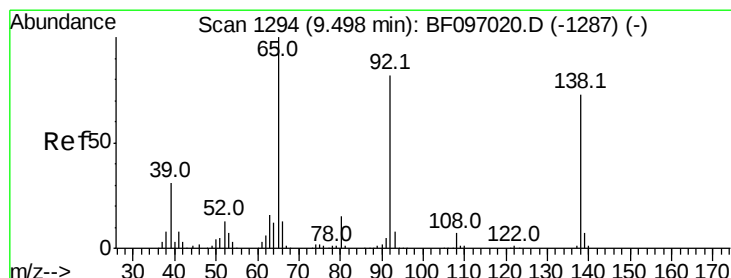
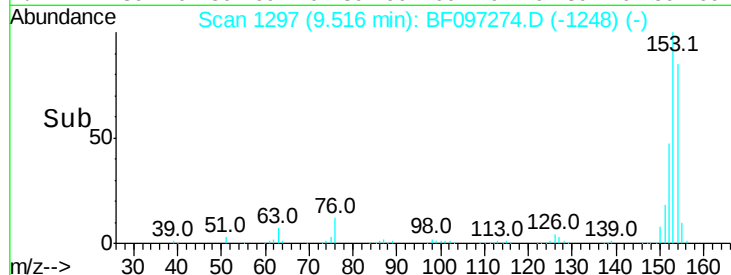
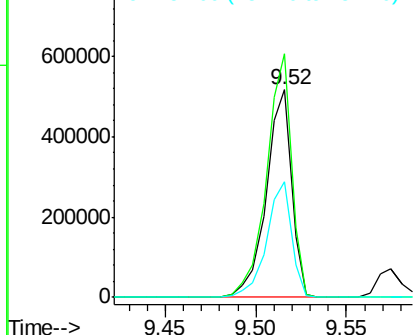
#51
Acenaphthene
Concen: 36.895 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 504094
Ion Ratio Lower Upper
154 100
153 117.3 90.5 135.7
152 55.5 43.6 65.4

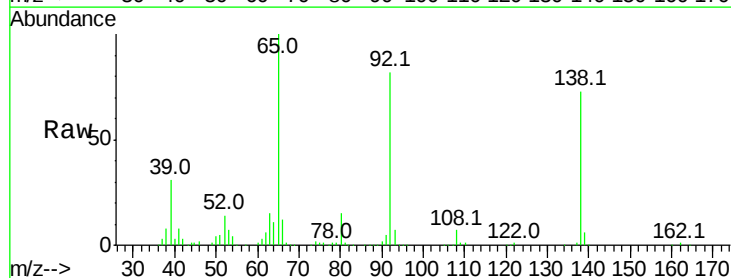


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

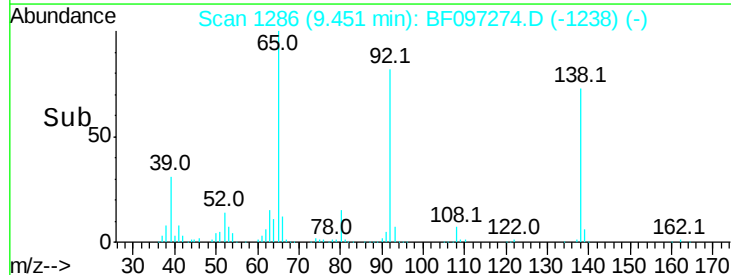
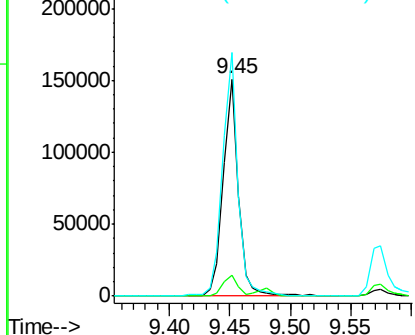


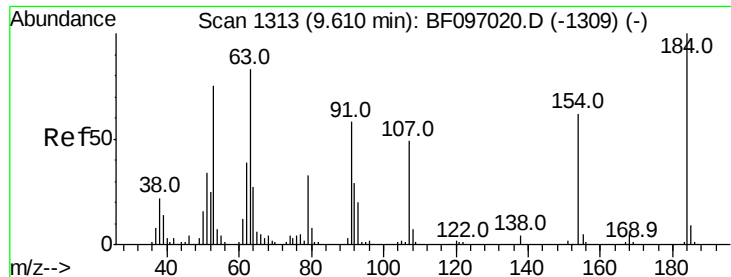
#52
3-Nitroaniline
Concen: 27.293 ng
RT: 9.45 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion:138 Resp: 131180
Ion Ratio Lower Upper
138 100
108 9.5 9.1 13.7
92 112.3 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

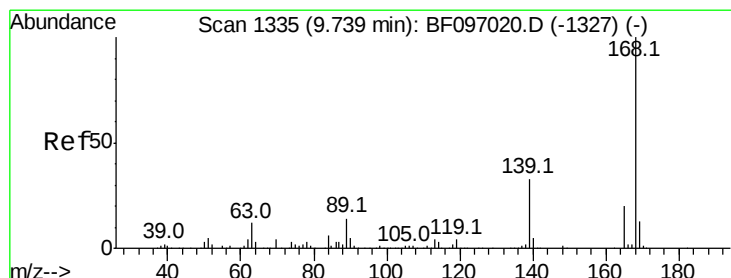
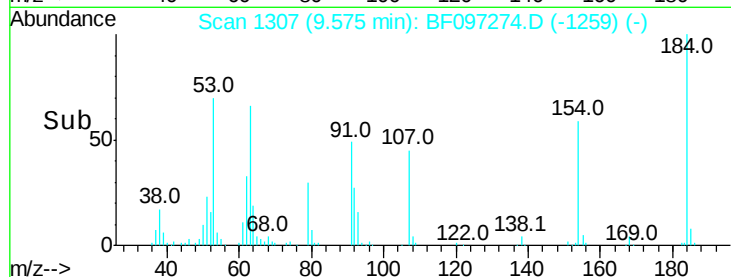
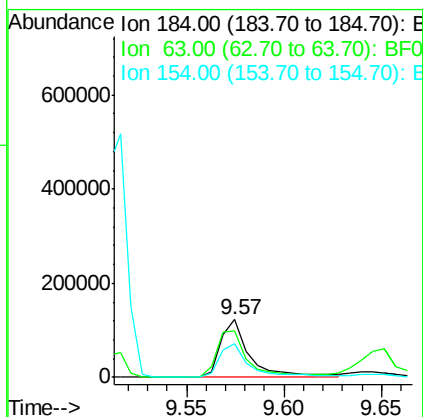
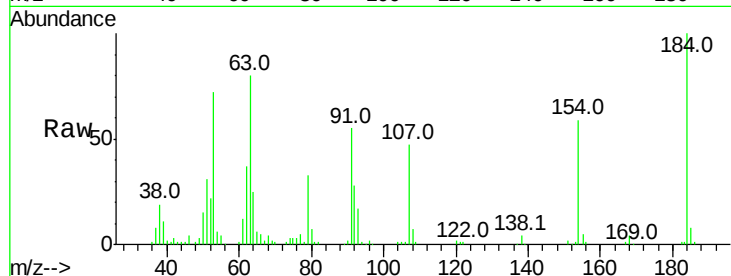




#53
 2,4-Dinitrophenol
 Concen: 74.401 ng
 RT: 9.57 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

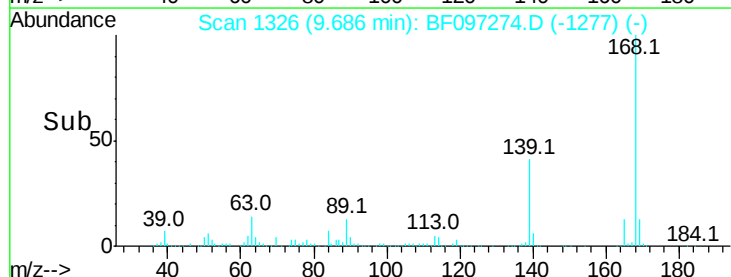
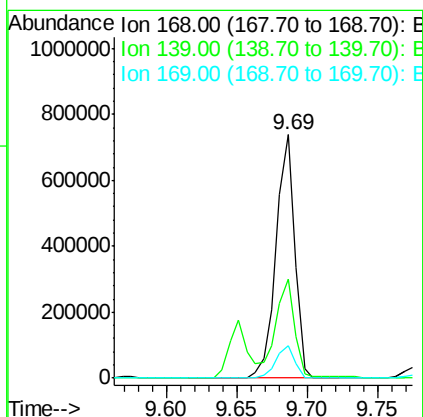
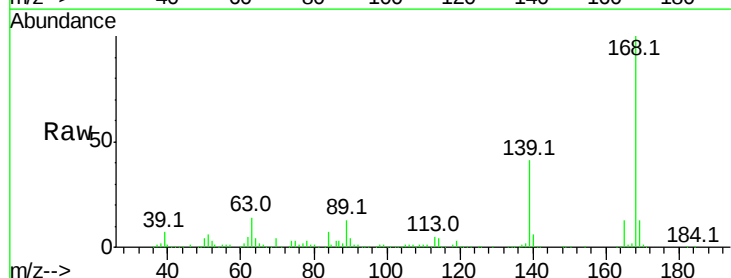
Instrument :
 BNA_F
 ClientSampleId :

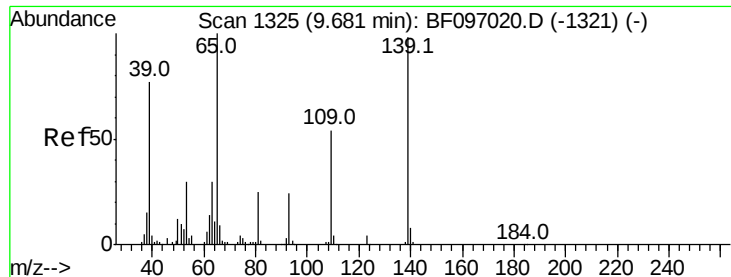
Tot Ion:184 Resp: 130993
 Ion Ratio Lower Upper
 184 100
 63 79.7 62.7 94.1
 154 59.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 37.880 ng
 RT: 9.69 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion:168 Resp: 689379
 Ion Ratio Lower Upper
 168 100
 139 40.8 30.6 45.8
 169 13.4 10.8 16.2





#55

4-Nitrophenol

Concen: 53.589 ng

RT: 9.65 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampleId :

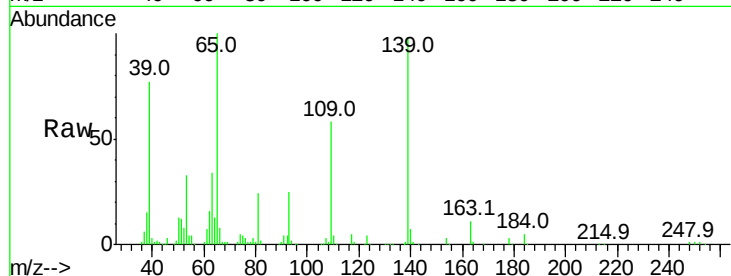
Tot Ion:139 Resp: 153174

Ion Ratio Lower Upper

139 100

109 59.0 34.1 74.1

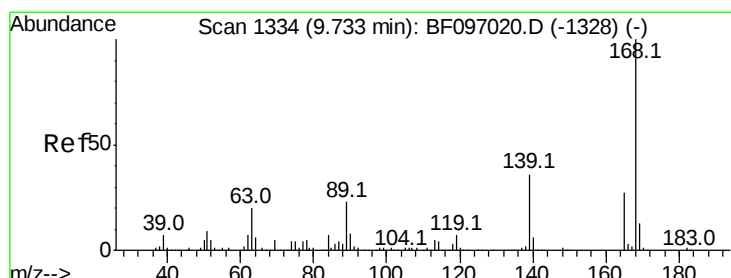
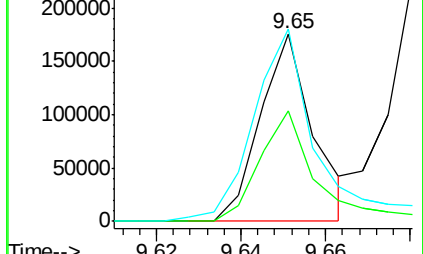
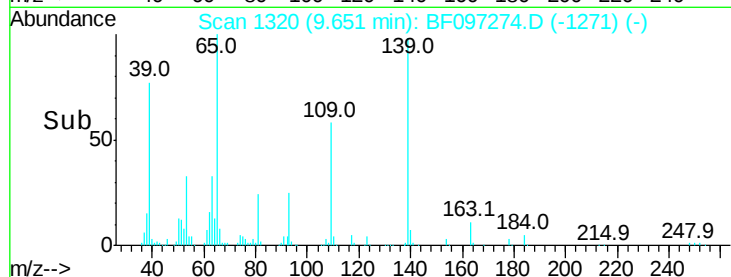
65 102.4 31.4 71.4#



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: 39.214 ng

RT: 9.69 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Tgt Ion:165 Resp: 174559

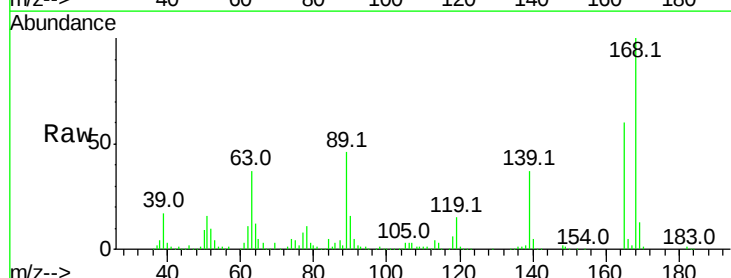
Ion Ratio Lower Upper

165 100

63 61.9 25.4 38.0#

89 77.5 46.4 69.6#

182 2.3 1.8 2.6

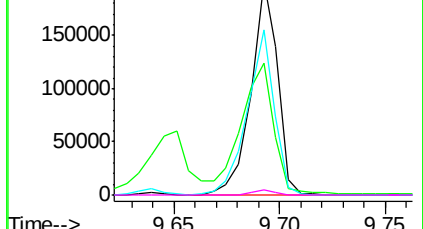
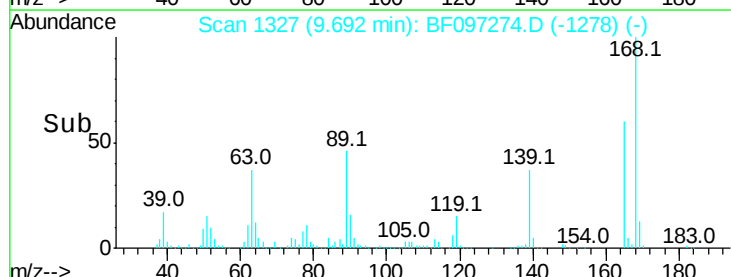


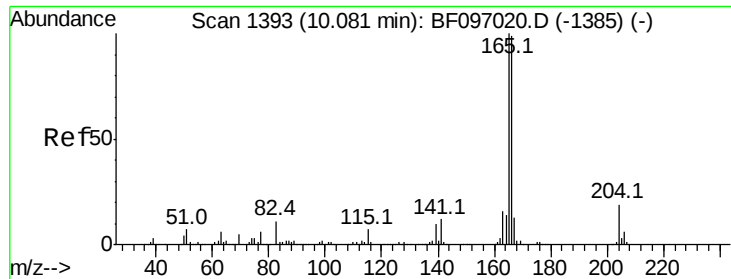
Abundance Ion 165.00 (164.70 to 165.70): E

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

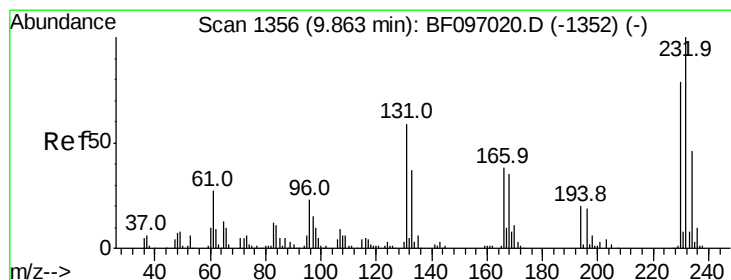
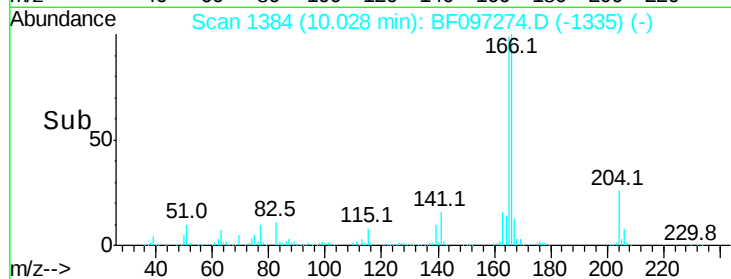
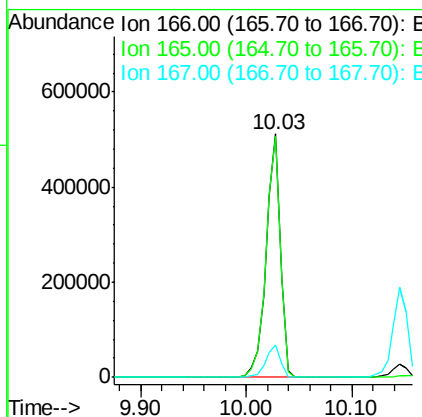
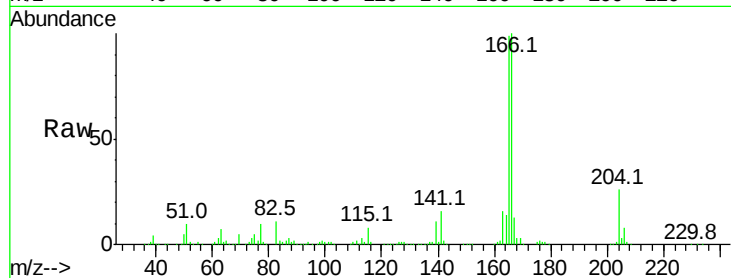




#57
 Fluorene
 Concen: 35.361 ng
 RT: 10.03 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

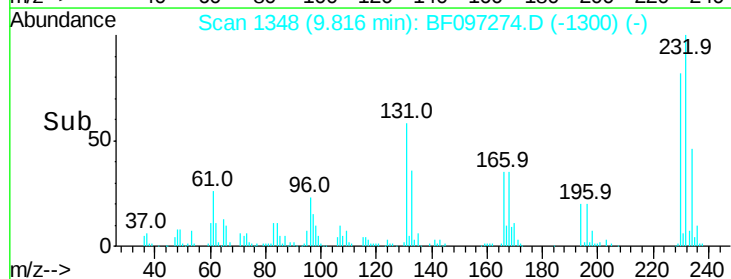
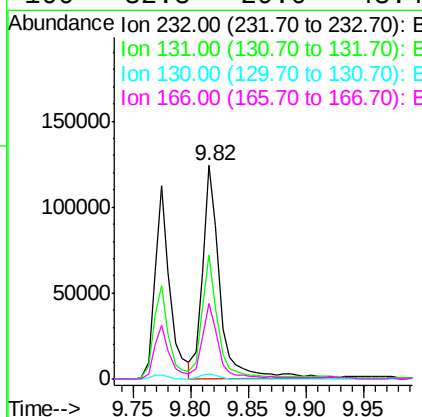
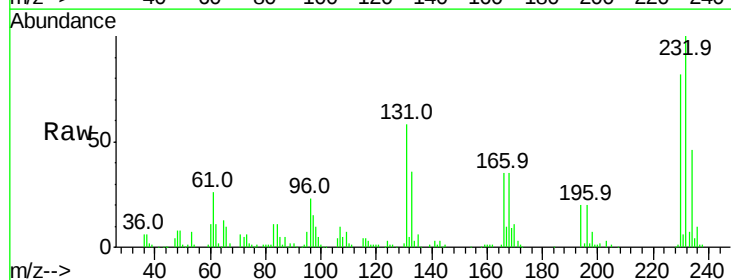
Instrument :
 BNA_F
 ClientSampleId :

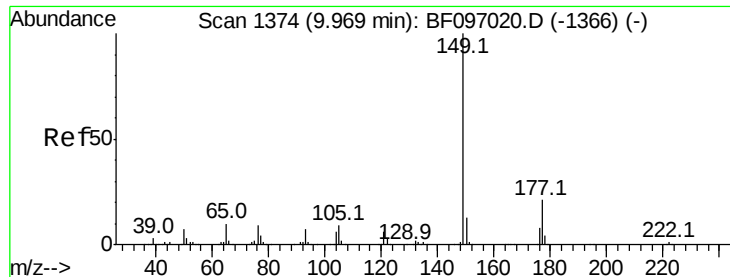
Tot Ion:166 Resp: 483668
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.8 118.2
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.368 ng
 RT: 9.82 min Scan# 1348
 Delta R.T. -0.02 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion:232 Resp: 129694
 Ion Ratio Lower Upper
 232 100
 131 52.4 44.8 67.2
 130 2.2 2.3 3.5#
 166 32.8 29.0 43.4

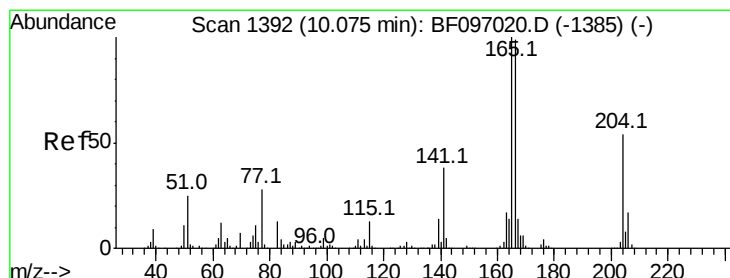
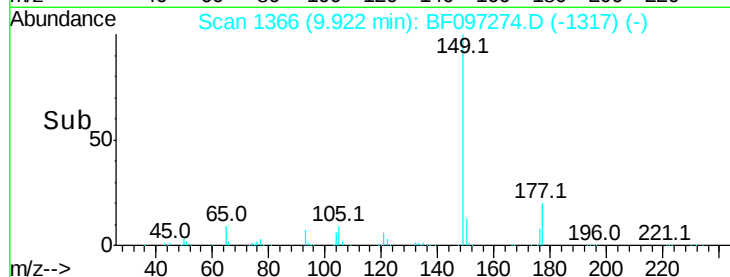
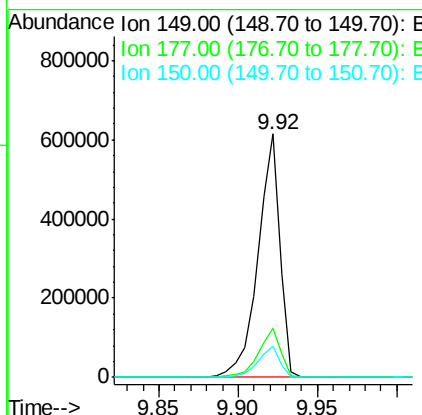
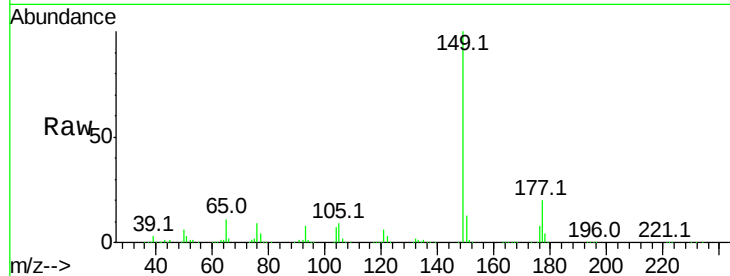




#59
Diethylphthalate
Concen: 35.499 ng
RT: 9.92 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

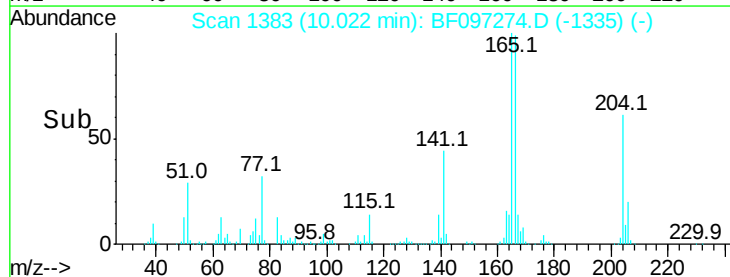
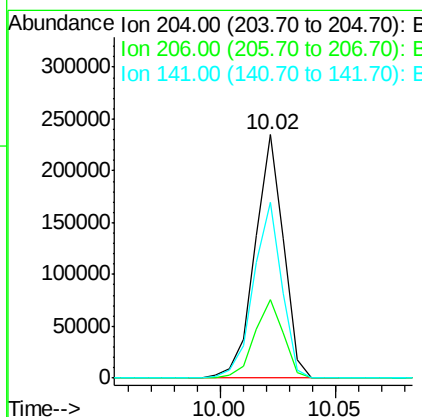
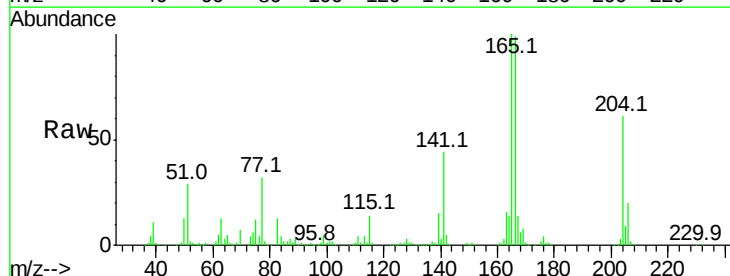
Instrument :
BNA_F
ClientSampleId :

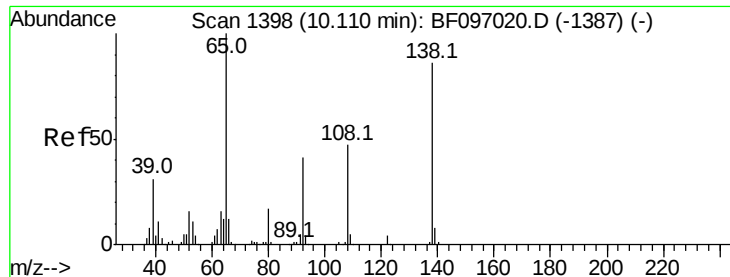
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.2	16.7	25.1
150	12.7	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 35.863 ng
RT: 10.02 min Scan# 1383
Delta R.T. -0.02 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	72.1	60.8	91.2

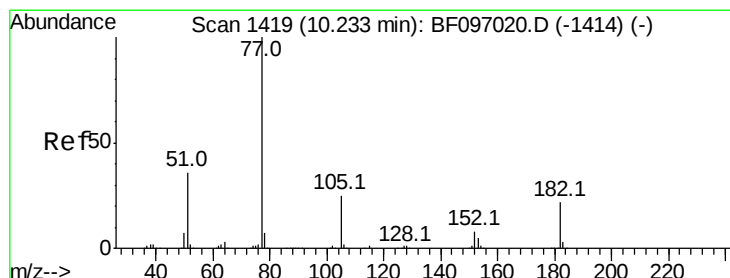
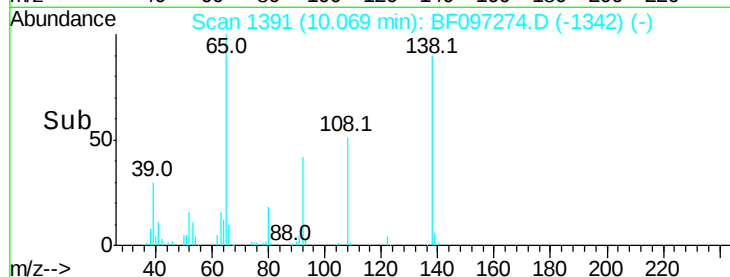
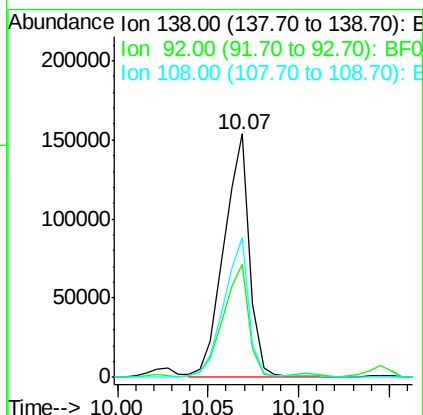
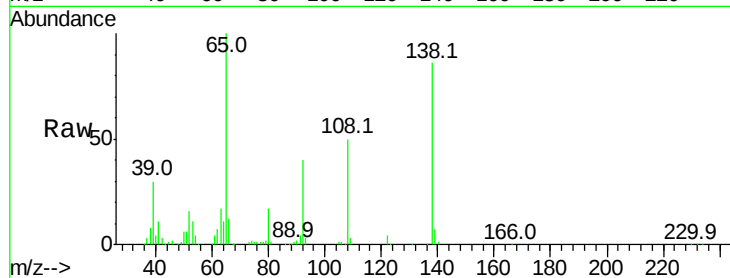




#61
4-Nitroaniline
Concen: 33.279 ng
RT: 10.07 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

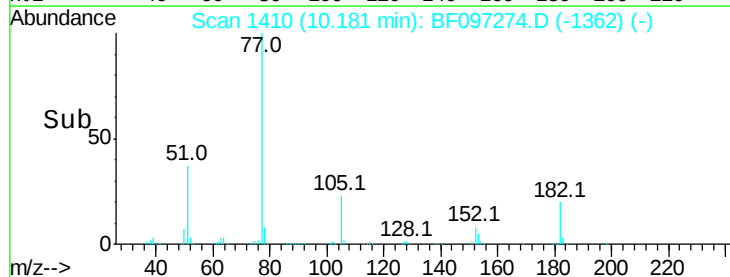
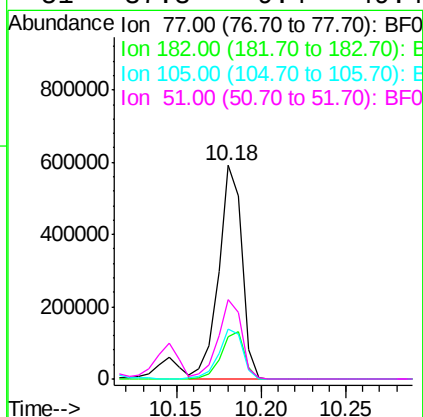
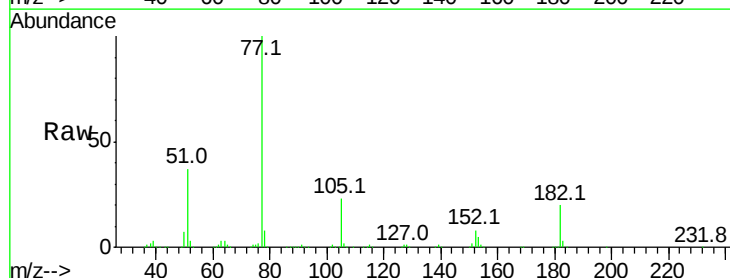
Instrument :
BNA_F
ClientSampleId :

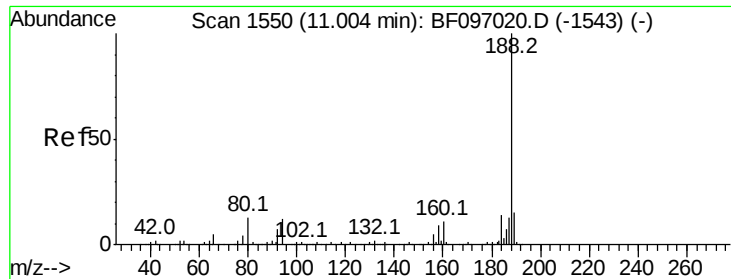
Tot Ion:138 Resp: 151984
Ion Ratio Lower Upper
138 100
92 46.7 21.8 61.8
108 57.7 42.3 82.3



#62
Azobenzene
Concen: 36.494 ng
RT: 10.18 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion: 77 Resp: 567079
Ion Ratio Lower Upper
77 100
182 20.1 0.1 40.1
105 23.4 3.6 43.6
51 37.3 9.4 49.4

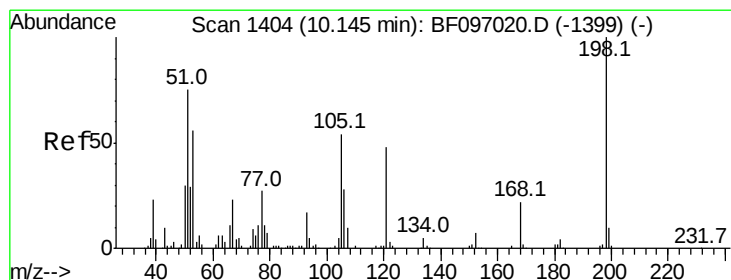
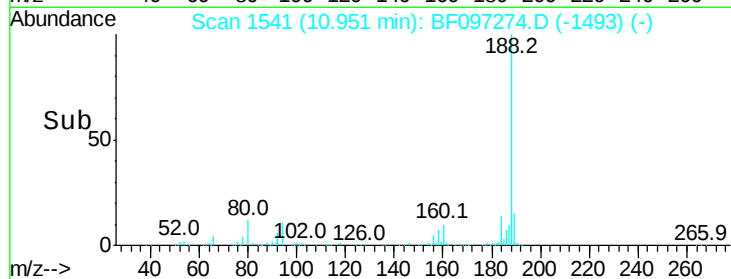
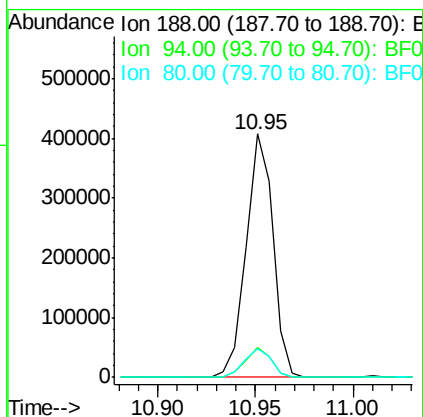
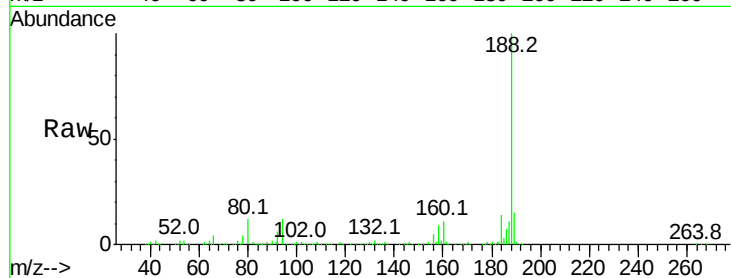




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.02 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

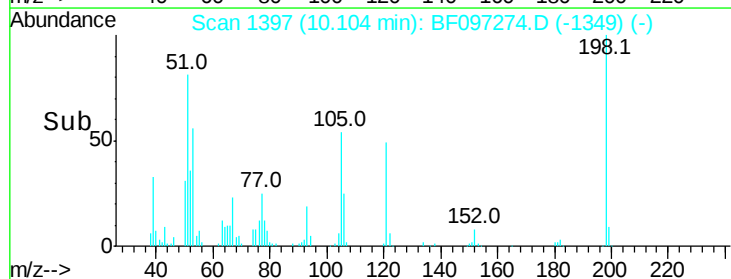
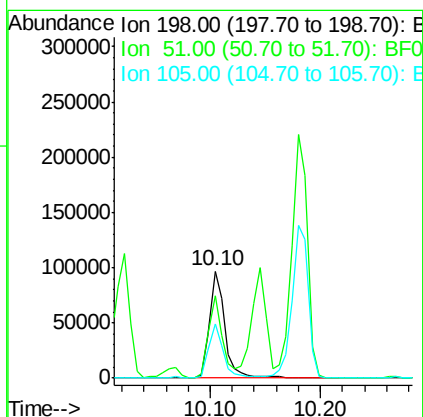
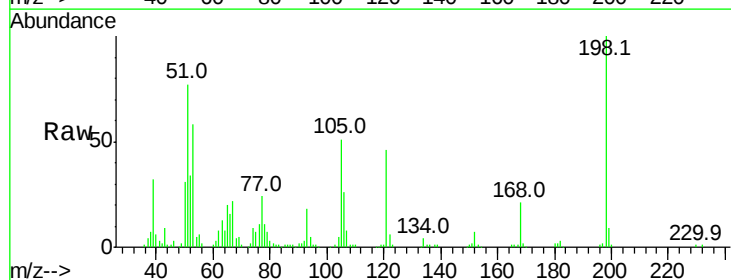
Instrument :
BNA_F
ClientSampled :

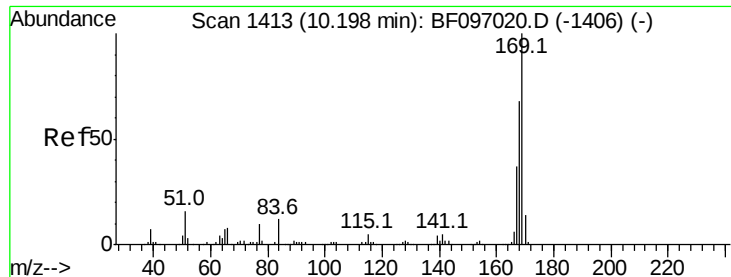
Tot Ion:188 Resp: 389019
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 11.8 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 37.483 ng
RT: 10.10 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion:198 Resp: 90608
Ion Ratio Lower Upper
198 100
51 77.2 53.2 93.2
105 51.1 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 35.212 ng

RT: 10.15 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampleId :

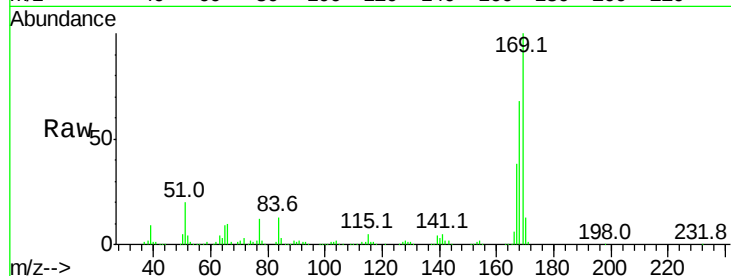
Tot Ion:169 Resp: 476608

Ion Ratio Lower Upper

169 100

168 68.5 53.2 79.8

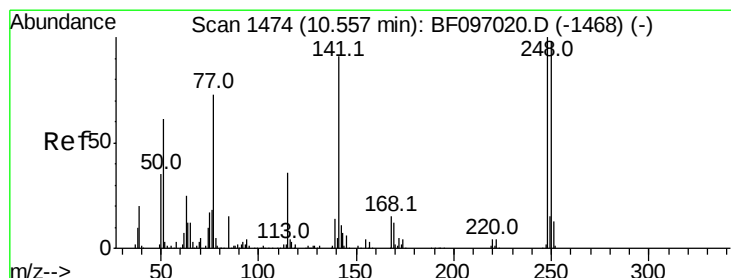
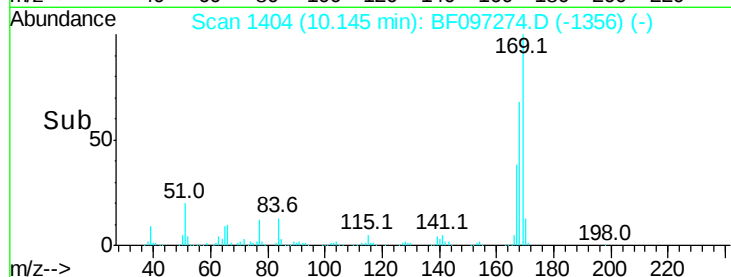
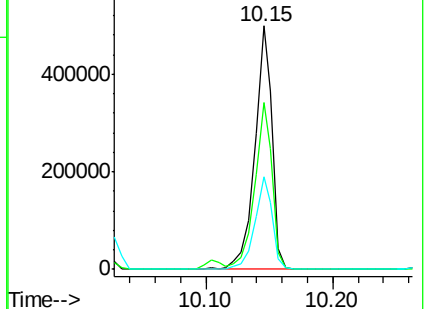
167 38.1 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.595 ng

RT: 10.50 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

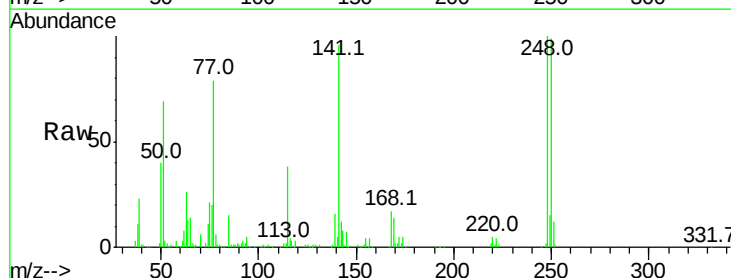
Tgt Ion:248 Resp: 145956

Ion Ratio Lower Upper

248 100

250 99.1 76.8 115.2

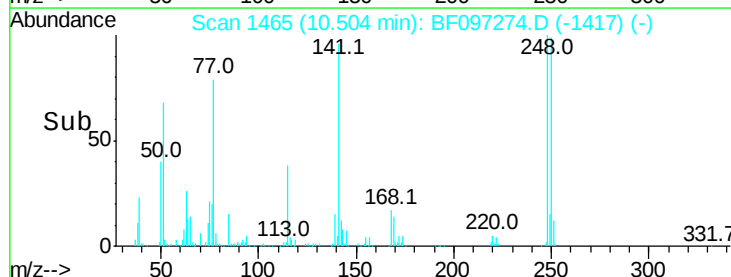
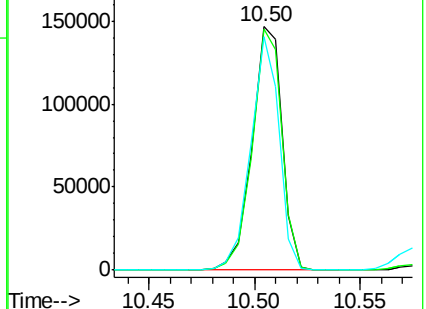
141 96.0 68.6 103.0

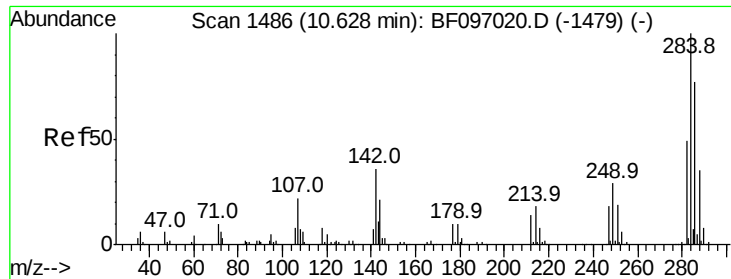


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

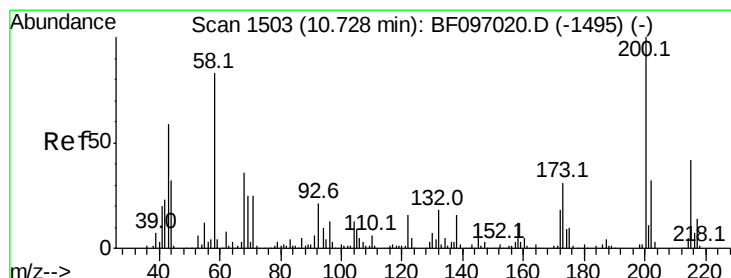
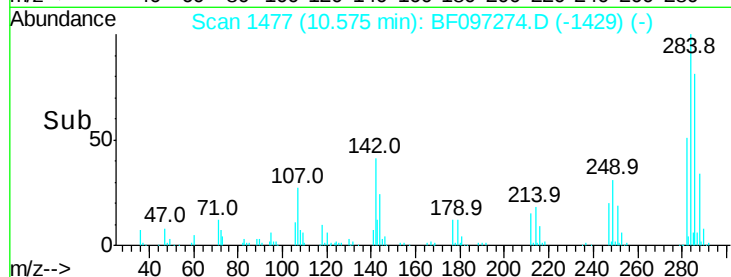
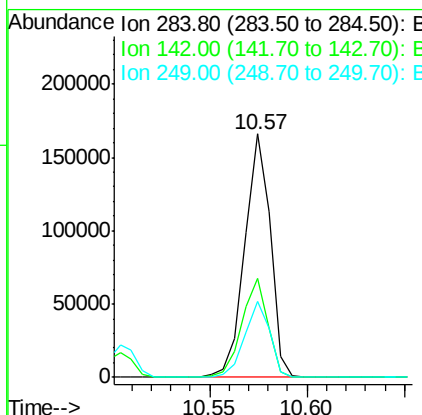
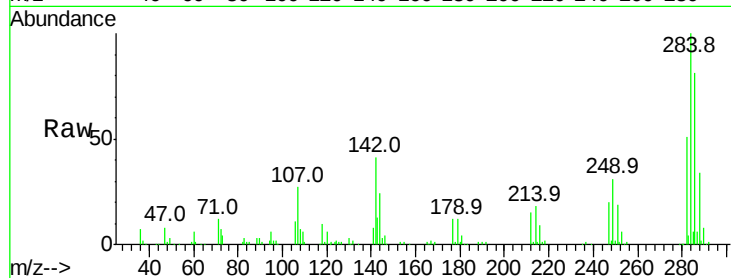




#67
Hexachlorobenzene
Concen: 34.692 ng
RT: 10.57 min Scan# 1477
Delta R.T. -0.02 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

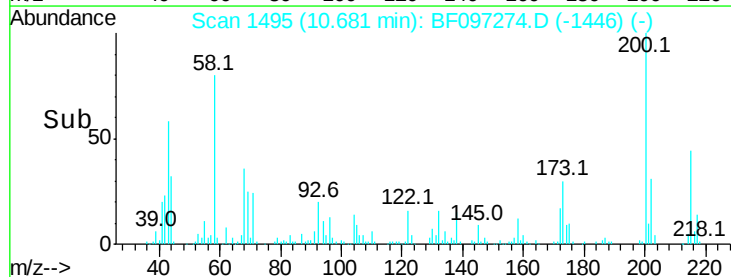
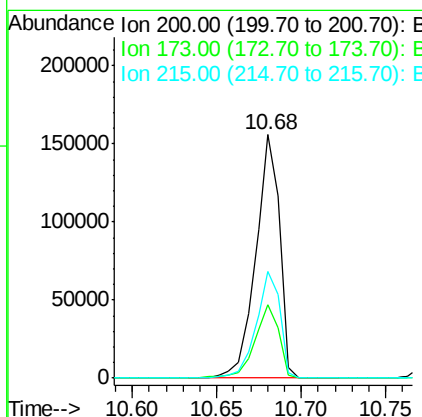
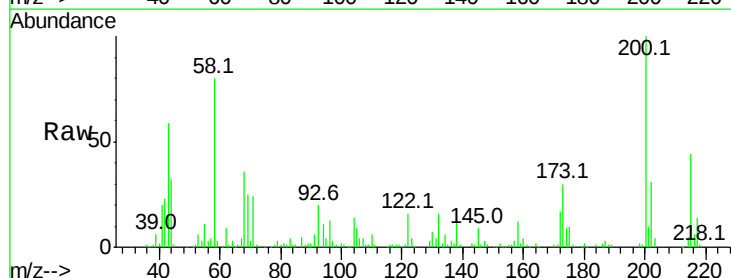
Instrument :
BNA_F
ClientSampleId :

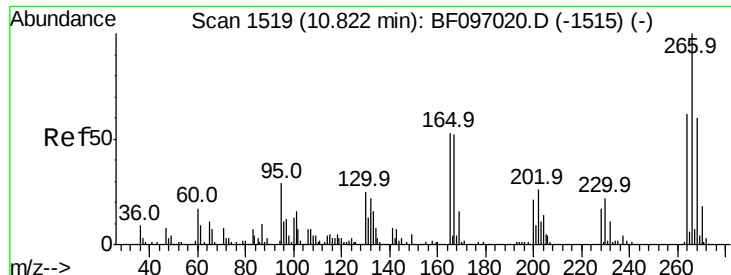
Tot Ion:284 Resp: 151035
Ion Ratio Lower Upper
284 100
142 40.7 22.8 34.2#
249 31.1 24.0 36.0



#68
Atrazine
Concen: 39.516 ng
RT: 10.68 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion:200 Resp: 153376
Ion Ratio Lower Upper
200 100
173 30.1 6.3 46.3
215 43.8 27.2 67.2

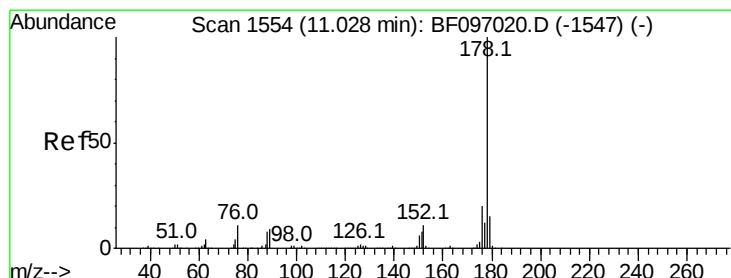
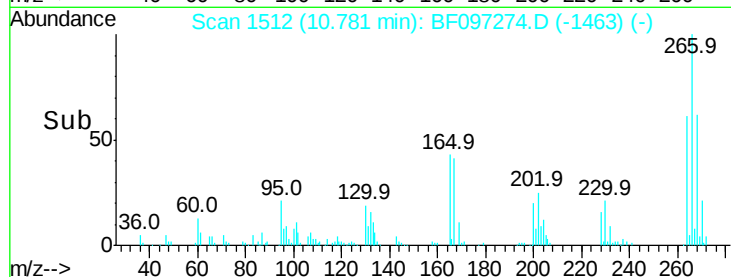
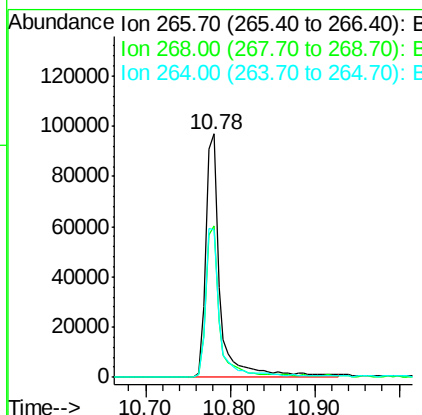
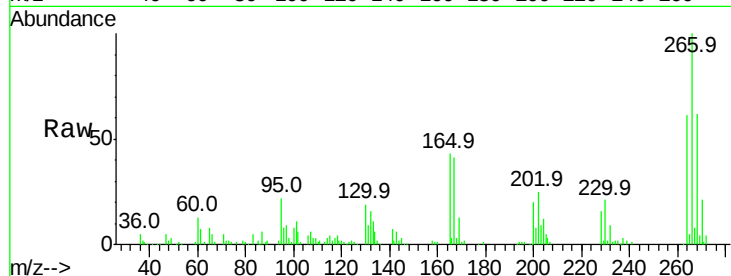




#69
 Pentachlorophenol
 Concen: 63.986 ng
 RT: 10.78 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

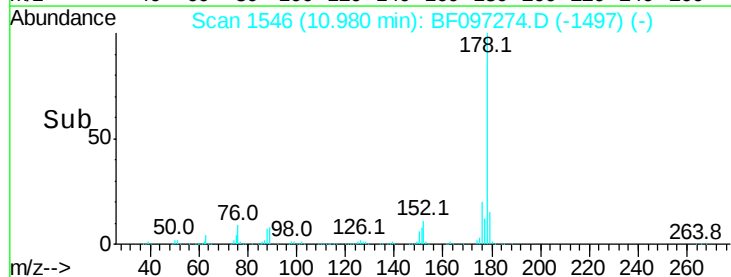
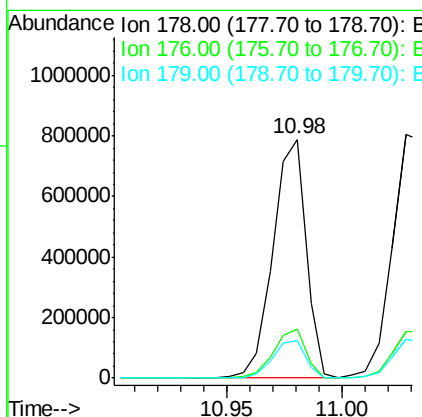
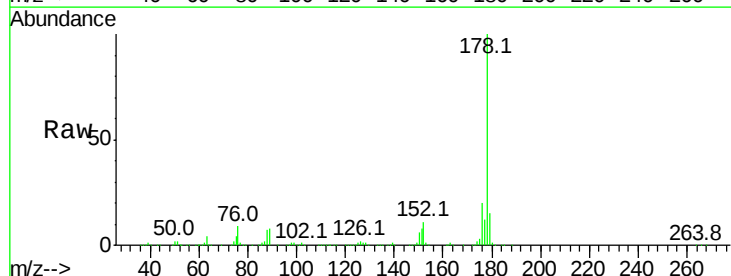
Instrument :
 BNA_F
 ClientSampleId :

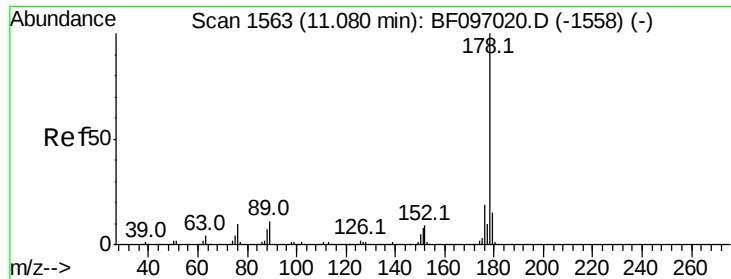
Tot Ion:266 Resp: 115259
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 60.6 51.7 77.5



#70
 Phenanthrene
 Concen: 37.708 ng
 RT: 10.98 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion:178 Resp: 785968
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.2 24.4
 179 15.5 12.6 19.0





#71

Anthracene

Concen: 38.808 ng

RT: 11.03 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampled :

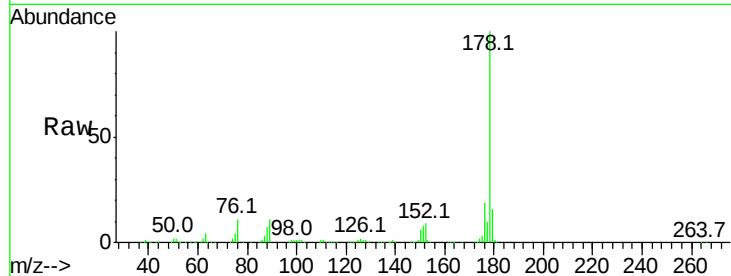
Tot Ion:178 Resp: 828492

Ion Ratio Lower Upper

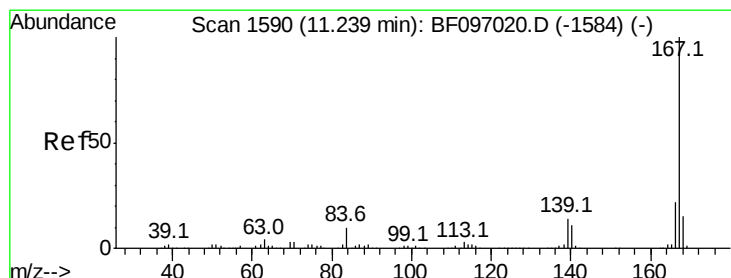
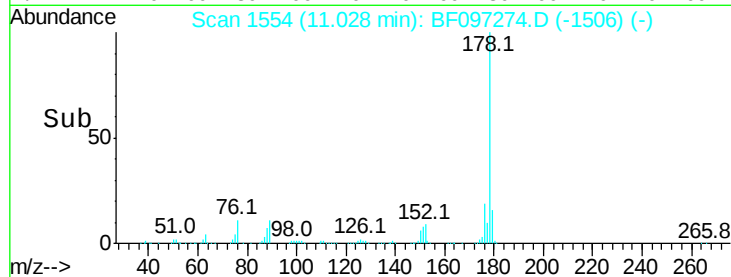
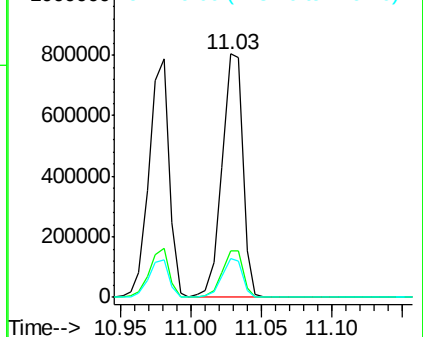
178 100

176 19.1 15.8 23.8

179 15.8 12.7 19.1



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



#72

Carbazole

Concen: 35.931 ng

RT: 11.19 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

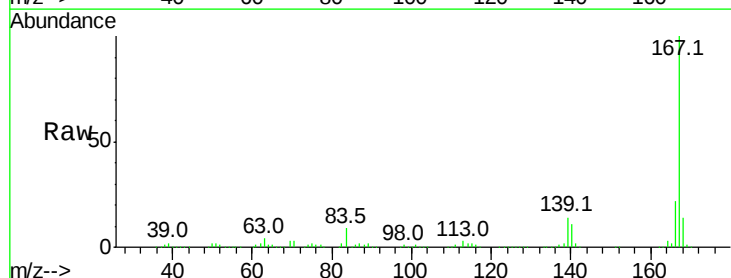
Tgt Ion:167 Resp: 754396

Ion Ratio Lower Upper

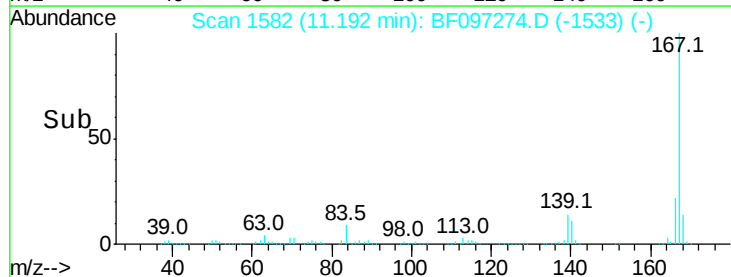
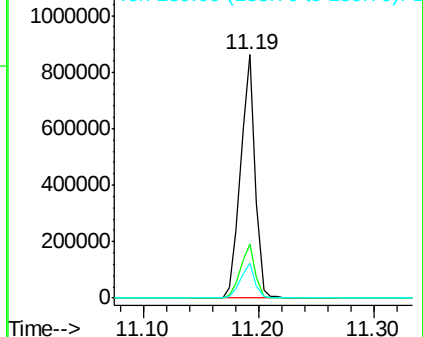
167 100

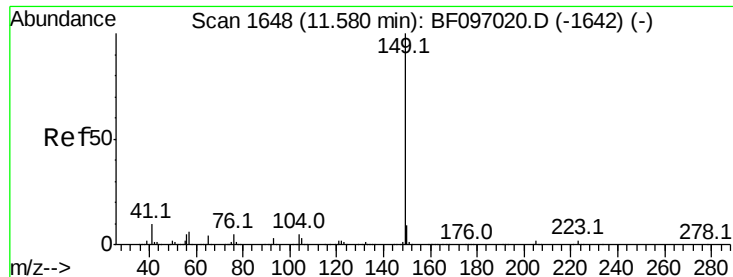
166 22.1 18.1 27.1

139 14.5 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.083 ng

RT: 11.53 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampleId :

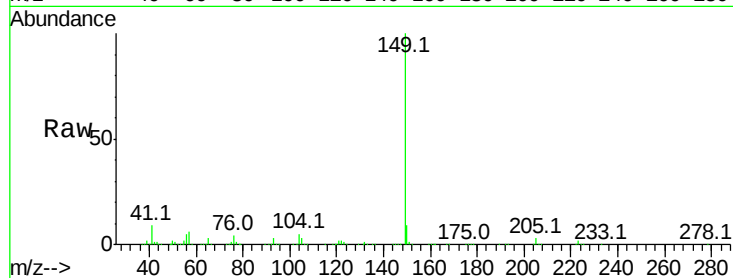
Tot Ion:149 Resp: 1040271

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.5	4.0	6.0

149 100

150 9.2 7.7 11.5

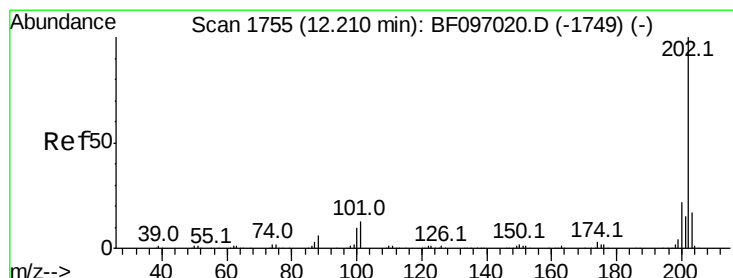
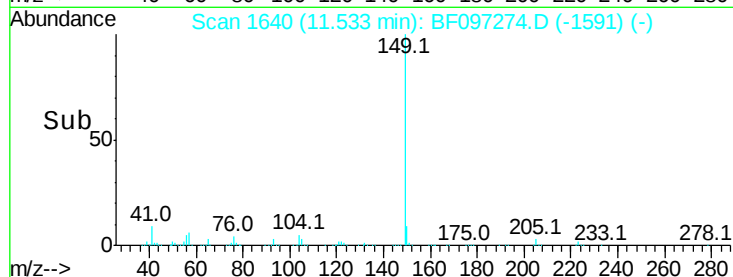
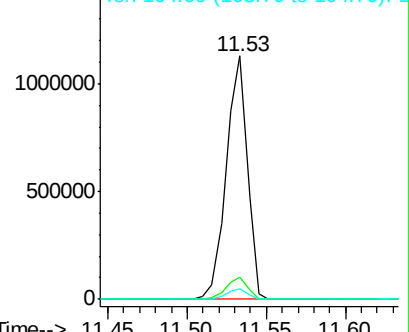
104 4.5 4.0 6.0



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: 39.115 ng

RT: 12.16 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

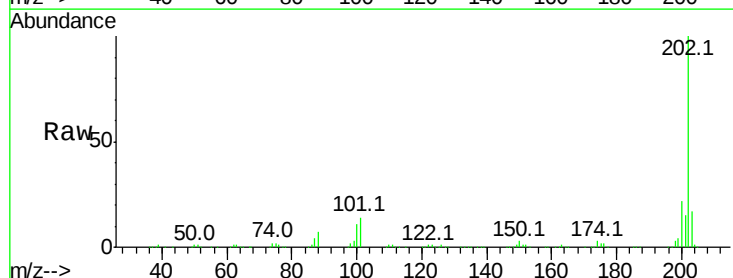
Tgt Ion:202 Resp: 798715

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	33.2
203	17.3	0.0	38.1

202 100

101 14.4 0.0 33.2

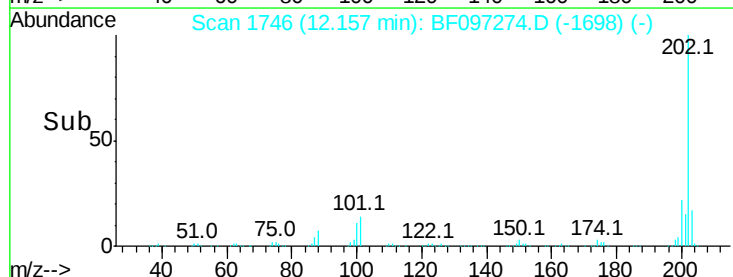
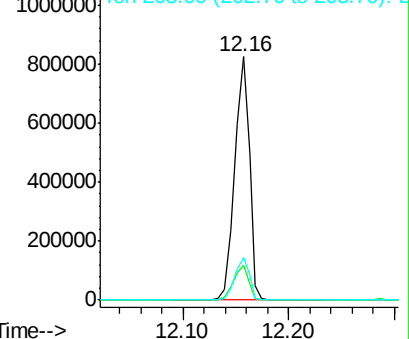
203 17.3 0.0 38.1

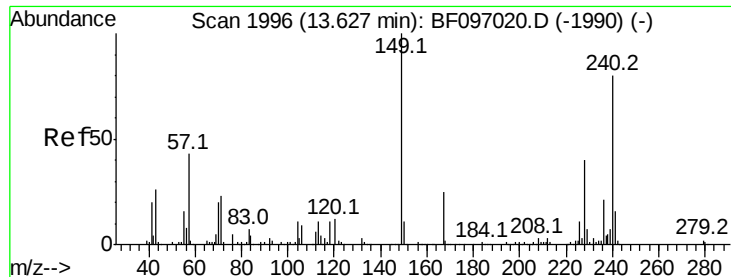


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

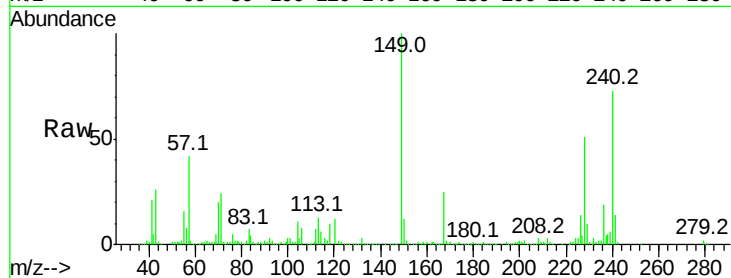




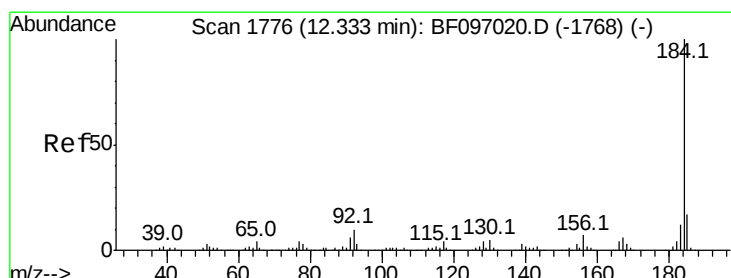
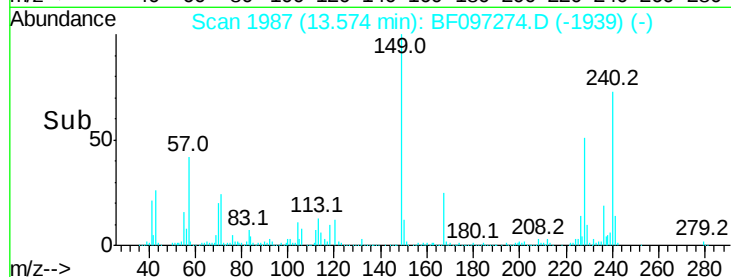
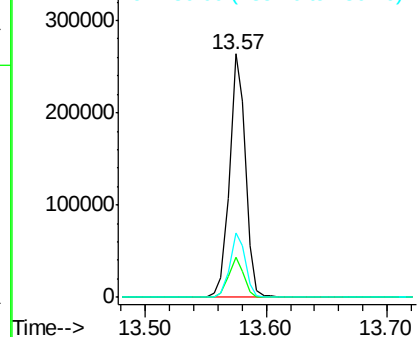
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.57 min Scan# 1987
 Delta R.T. -0.02 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 239848
 Ion Ratio Lower Upper
 240 100
 120 16.3 5.8 8.8#
 236 26.6 20.5 30.7

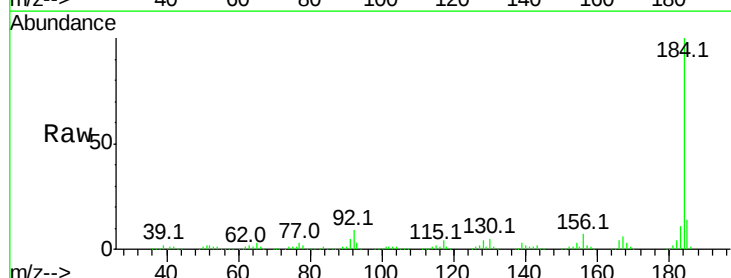


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

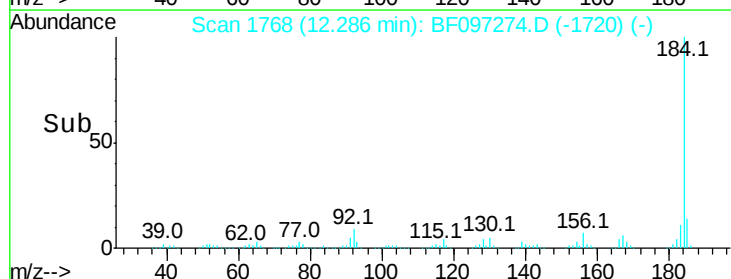
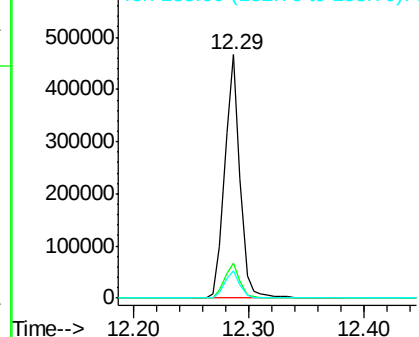


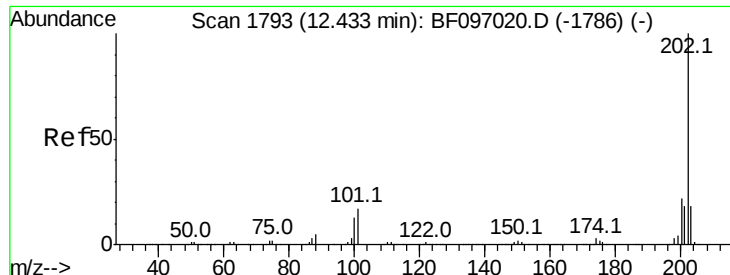
#76
 Benzidine
 Concen: 48.018 ng
 RT: 12.29 min Scan# 1768
 Delta R.T. -0.02 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion:184 Resp: 427336
 Ion Ratio Lower Upper
 184 100
 185 14.3 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: 41.675 ng

RT: 12.38 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampleId :

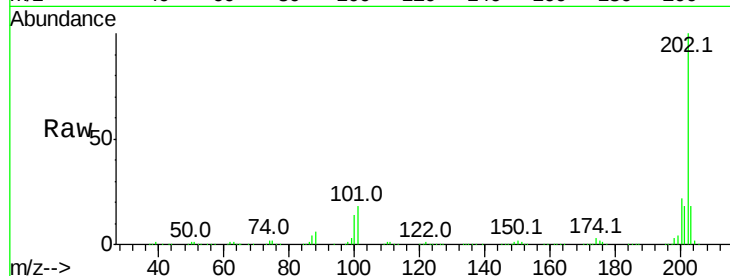
Tot Ion:202 Resp: 818309

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

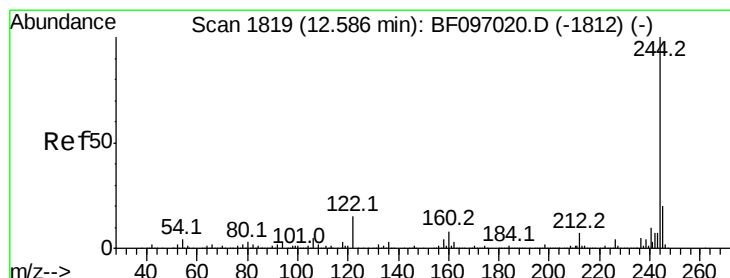
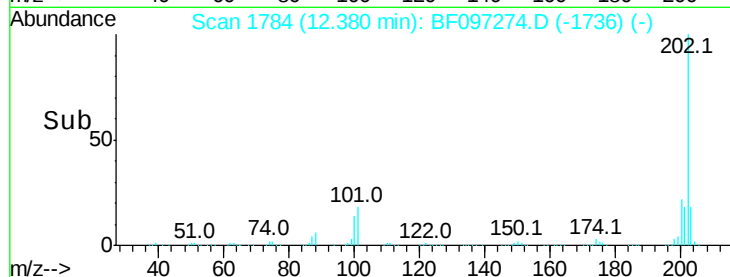
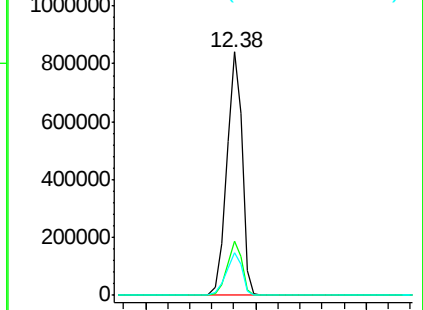
203 17.6 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.109 ng

RT: 12.53 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

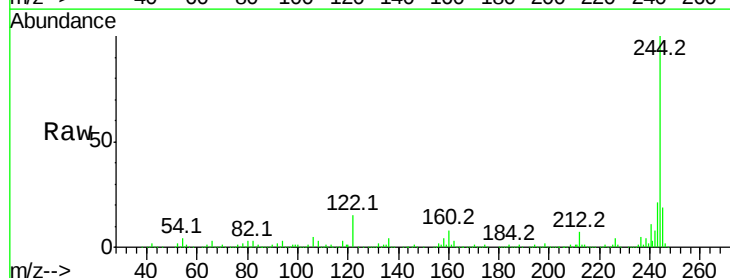
Tgt Ion:244 Resp: 860047

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

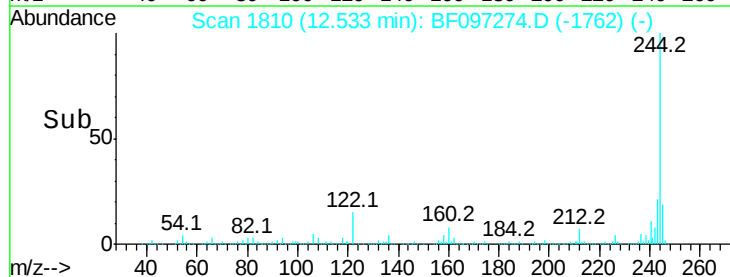
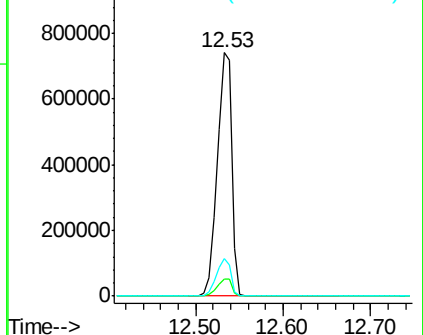
122 15.3 10.3 15.5

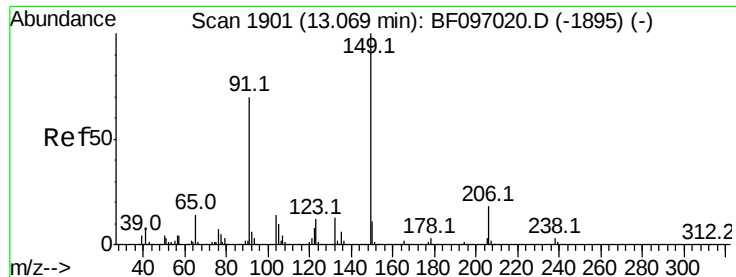


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

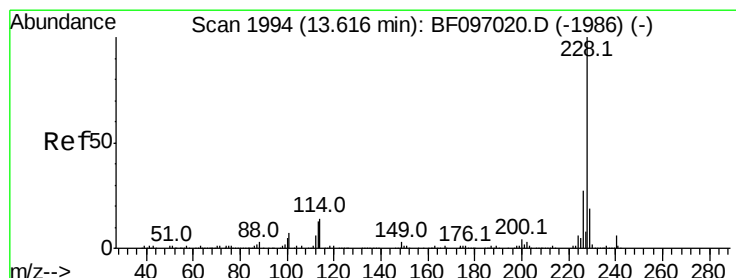
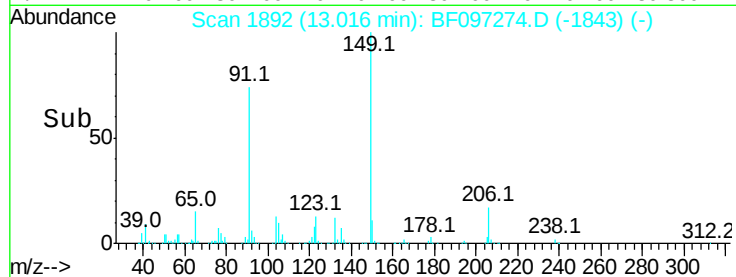
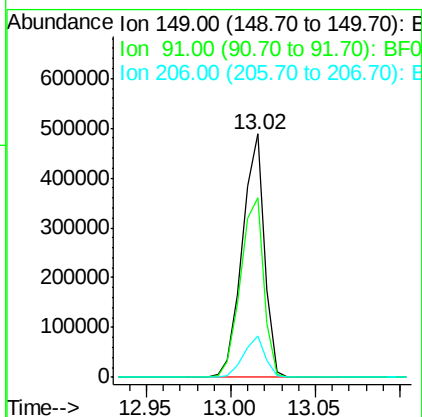
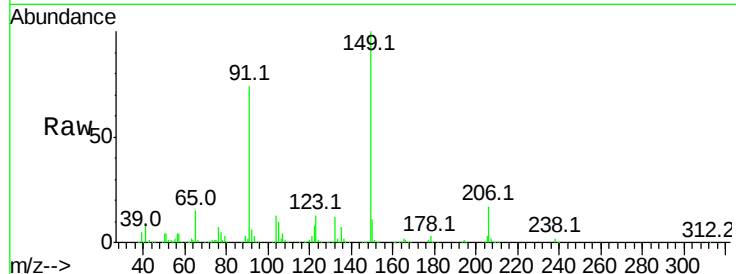




#79
Butylbenzylphthalate
Concen: 44.718 ng
RT: 13.02 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

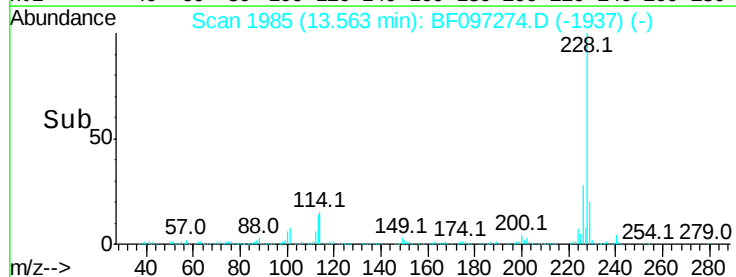
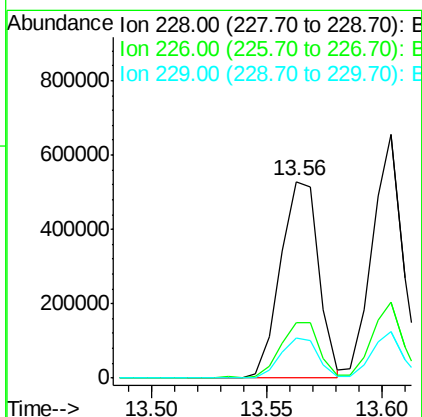
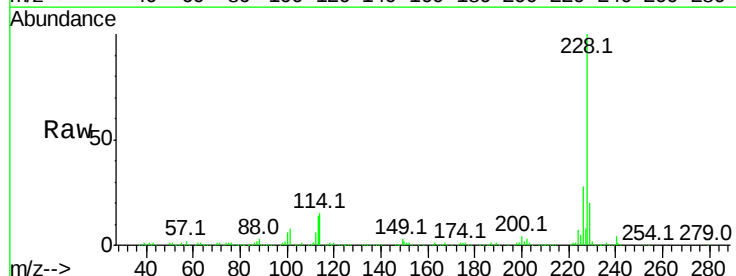
Instrument :
BNA_F
ClientSampleId :

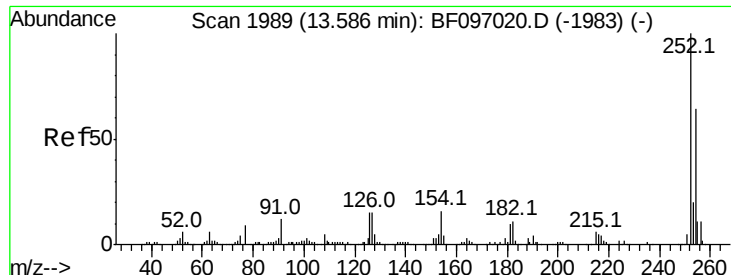
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.6	45.0	67.4#
206	17.1	17.0	25.6



#80
Benzo(a)anthracene
Concen: 39.080 ng
RT: 13.56 min Scan# 1985
Delta R.T. -0.02 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.2	16.3	24.5

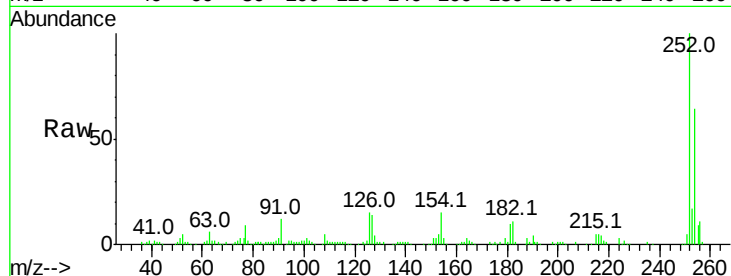




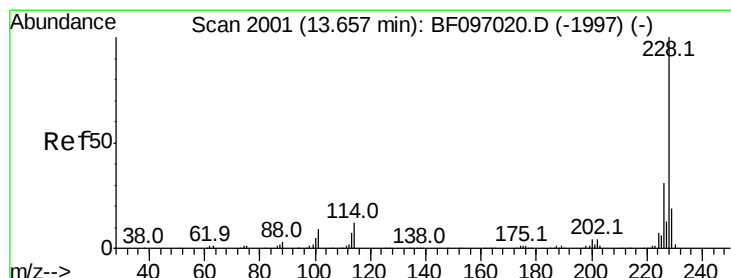
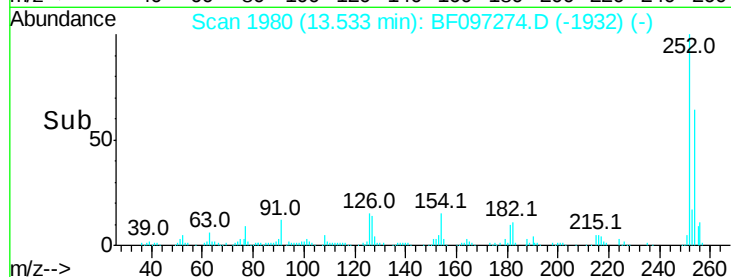
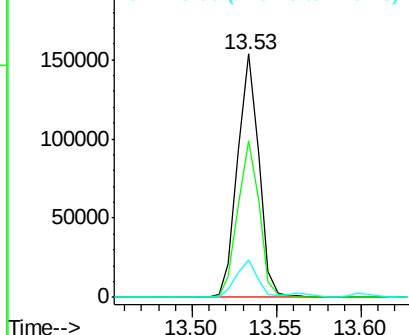
#81
 3,3'-Dichlorobenzidine
 Concen: 22.978 ng
 RT: 13.53 min Scan# 1980
 Delta R.T. -0.02 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 134474
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.5 77.3
 126 15.2 15.8 23.8#

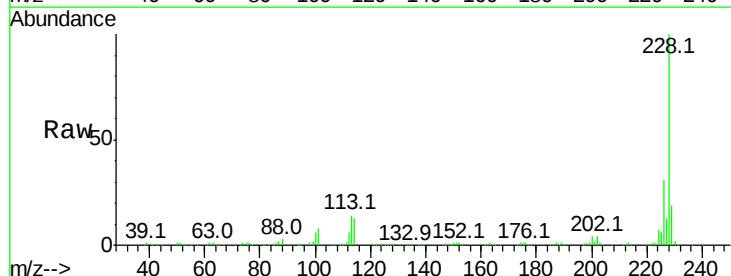


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

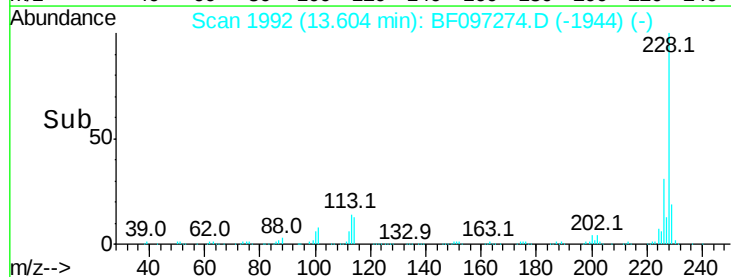
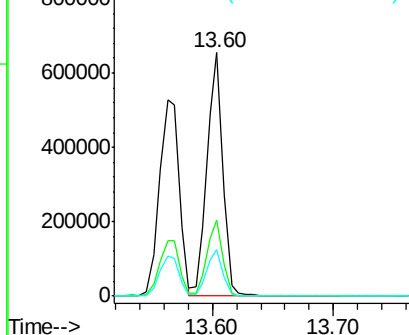


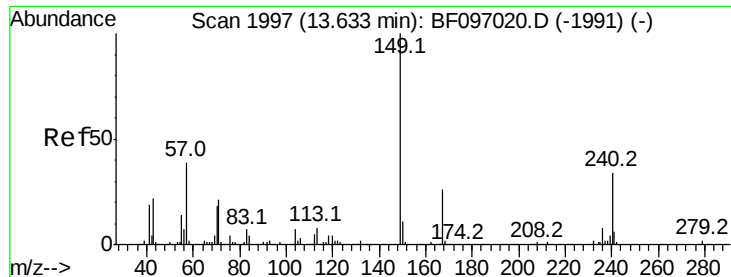
#82
 Chrysene
 Concen: 38.909 ng
 RT: 13.60 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion:228 Resp: 589624
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.9 37.3
 229 19.4 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

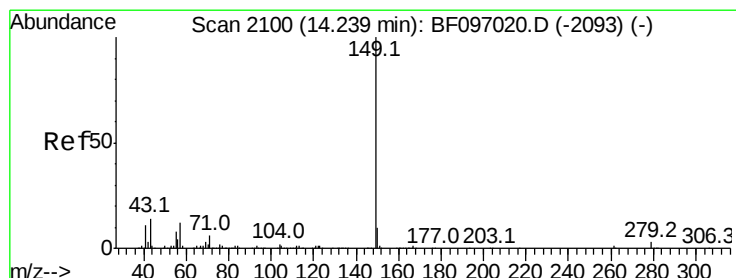
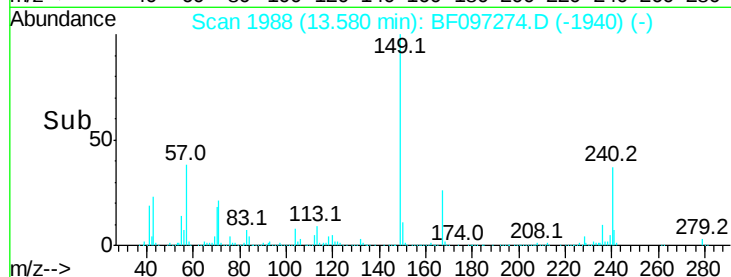
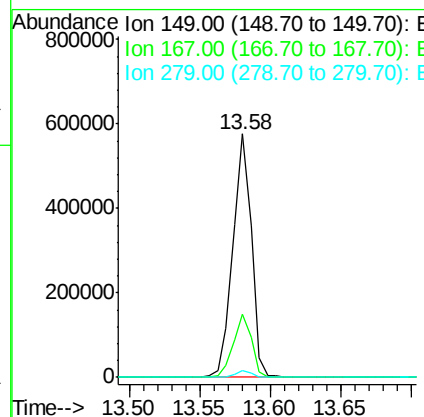
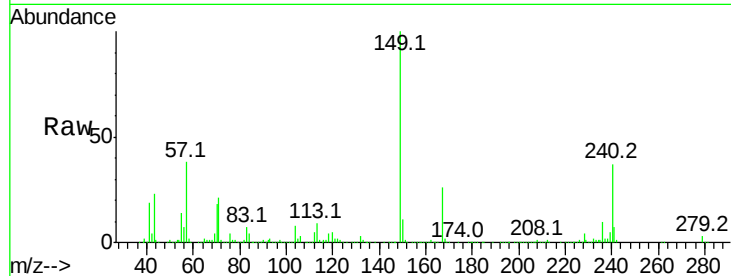




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.285 ng
 RT: 13.58 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

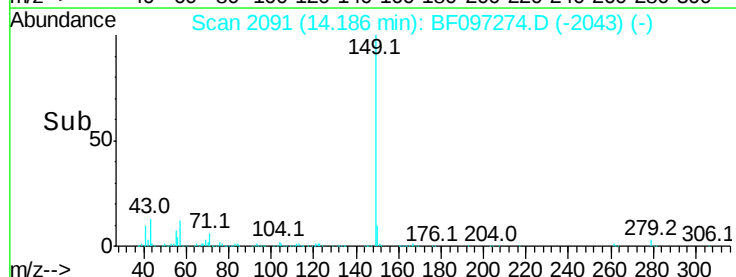
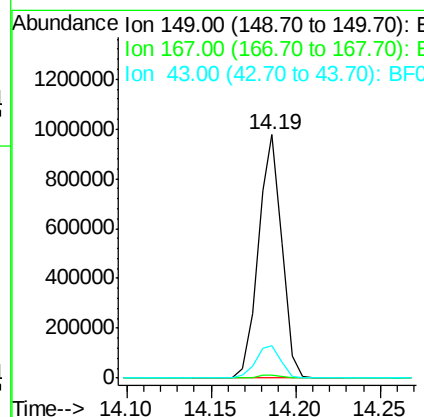
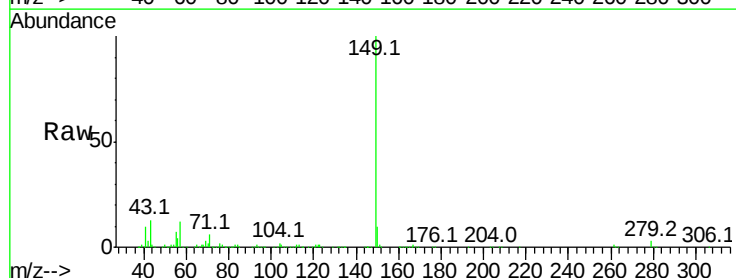
Instrument :
 BNA_F
 ClientSampleId :

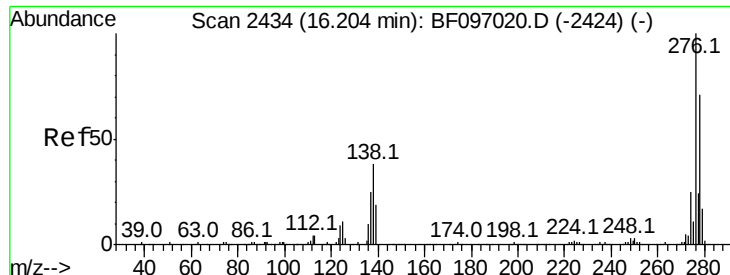
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.0	31.4
279	2.8	1.9	2.9



#84
 Di-n-octyl phthalate
 Concen: 39.384 ng
 RT: 14.19 min Scan# 2091
 Delta R.T. -0.02 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	14.0	8.5	12.7#

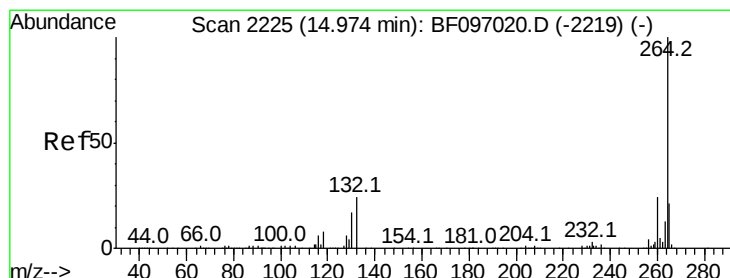
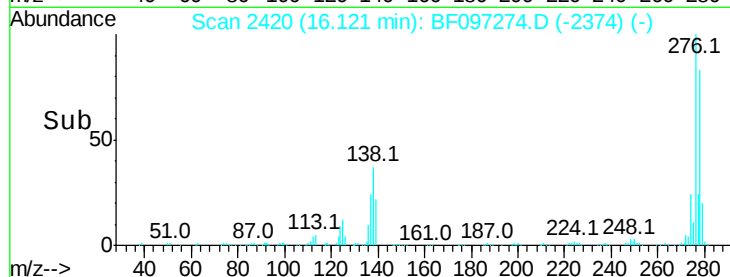
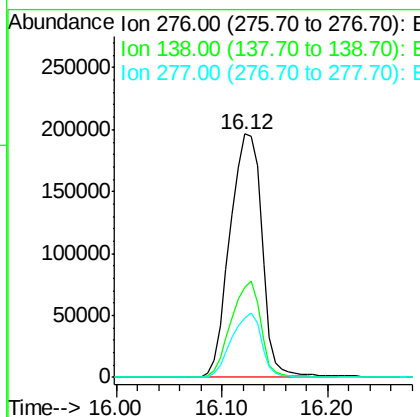
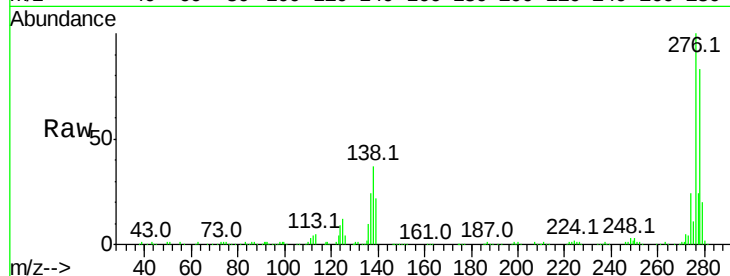




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.803 ng
 RT: 16.12 min Scan# 2420
 Delta R.T. -0.03 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

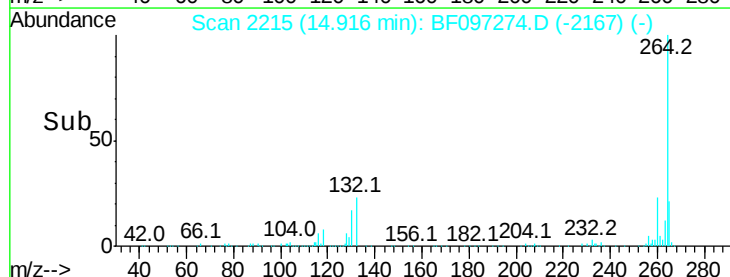
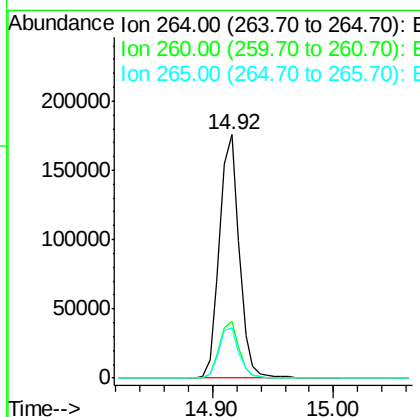
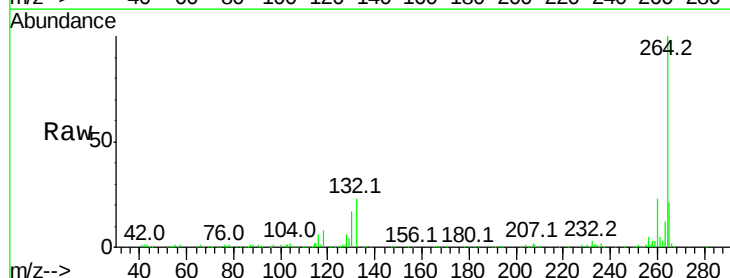
Instrument :
 BNA_F
 ClientSampleId :

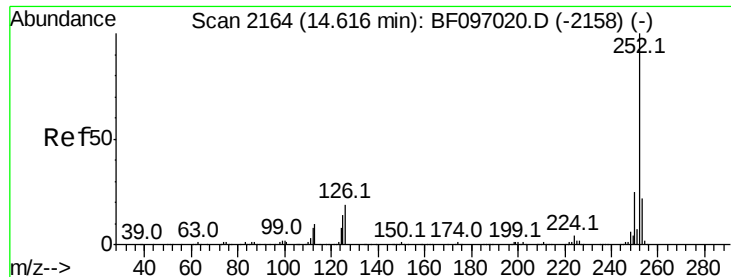
Tot Ion	Ratio	Lower	Upper
276	100		
138	36.9	27.8	41.6
277	24.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.92 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BF097274.D
 Acq: 2 Aug 2017 15:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.8	17.2	25.8

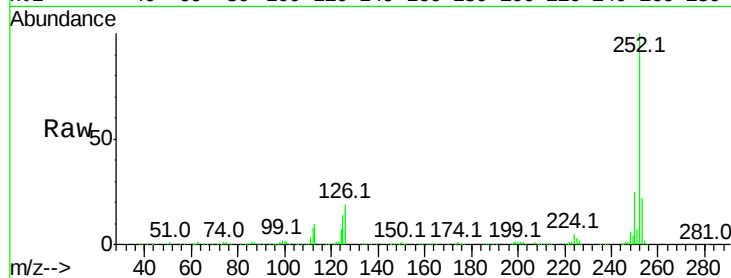




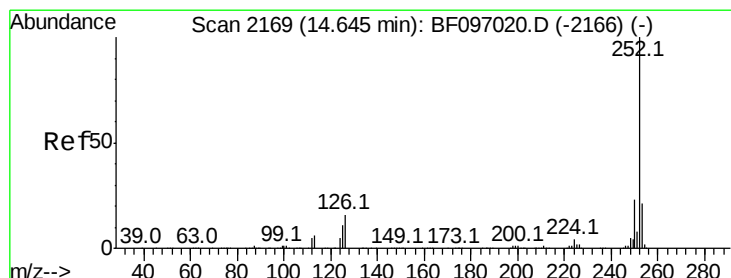
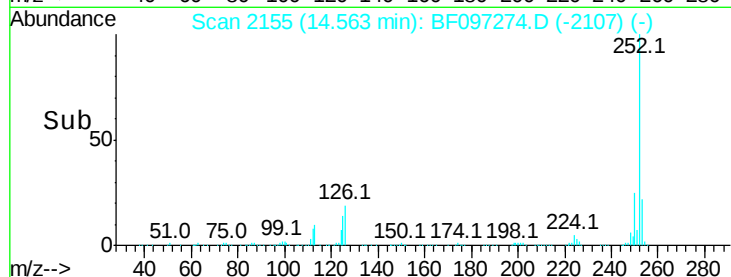
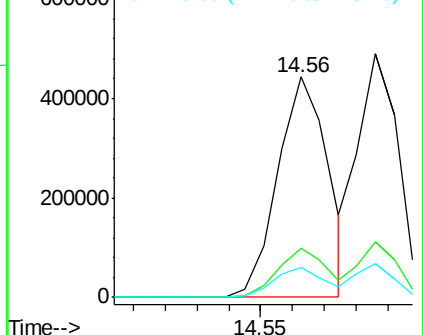
#87
Benzo(b)fluoranthene
Concen: 40.772 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 487864
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 13.8 9.8 14.8

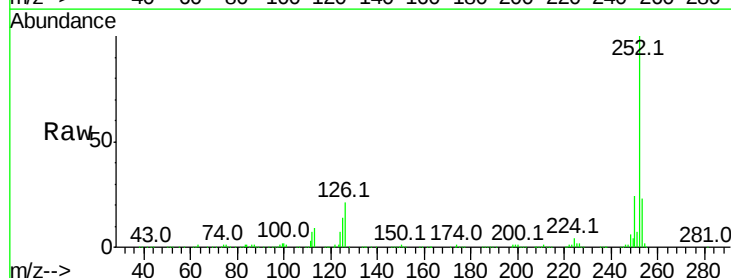


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

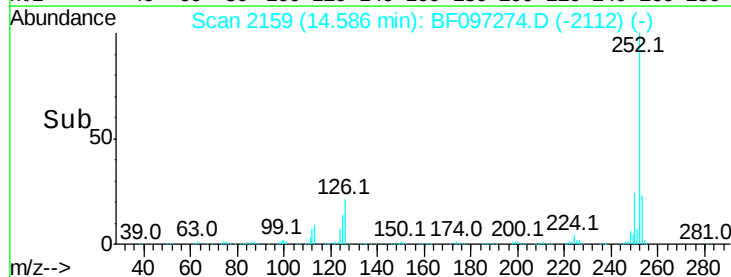
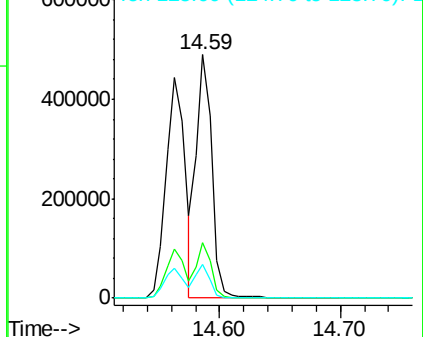


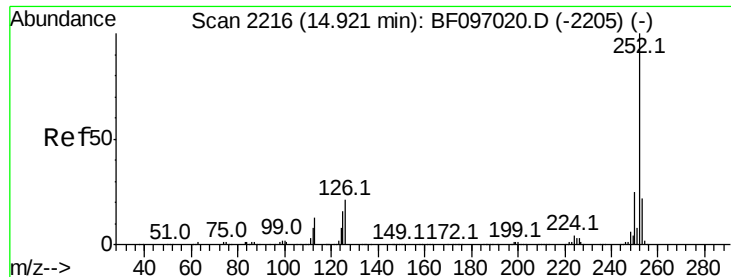
#88
Benzo(k)fluoranthene
Concen: 38.961 ng
RT: 14.59 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BF097274.D
Acq: 2 Aug 2017 15:38

Tgt Ion:252 Resp: 444232
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 13.7 13.1 19.7



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





#89

Benzo(a)pyrene

Concen: 39.005 ng

RT: 14.87 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampleId :

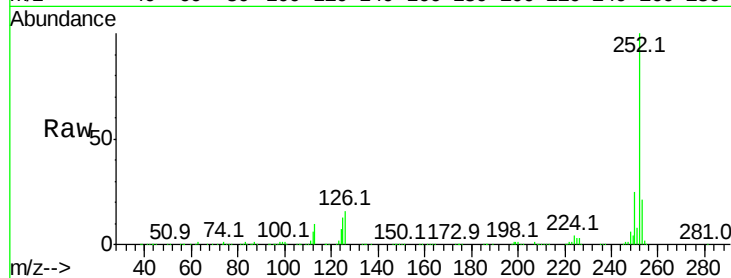
Tot Ion:252 Resp: 427151

Ion Ratio Lower Upper

252 100

253 20.6 17.5 26.3

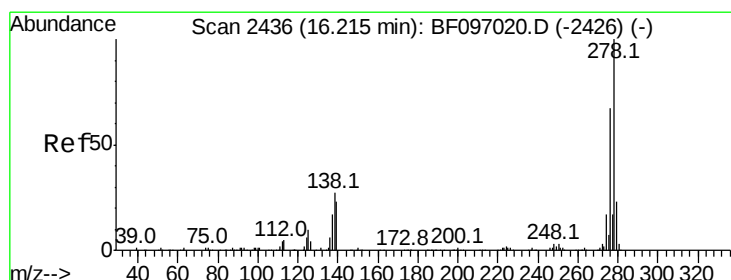
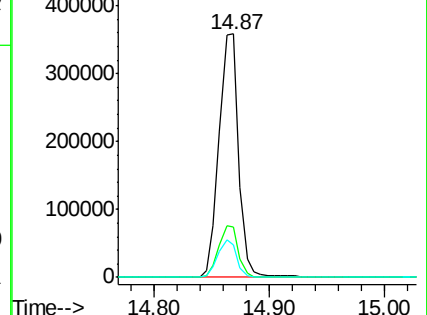
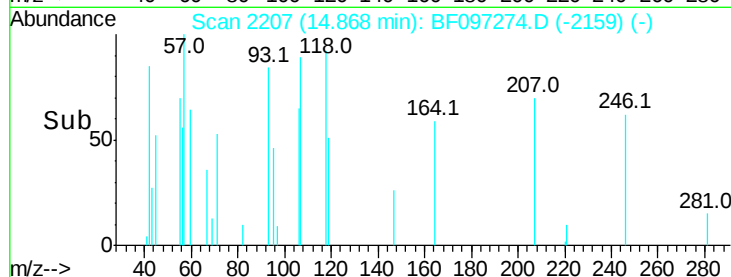
125 13.1 11.0 16.4



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: 37.554 ng

RT: 16.13 min Scan# 2421

Delta R.T. -0.03 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

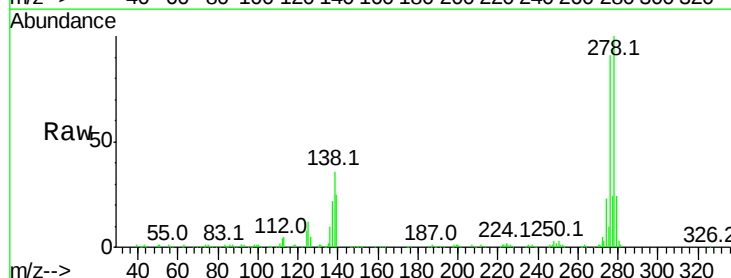
Tgt Ion:278 Resp: 337254

Ion Ratio Lower Upper

278 100

139 24.7 16.6 24.8

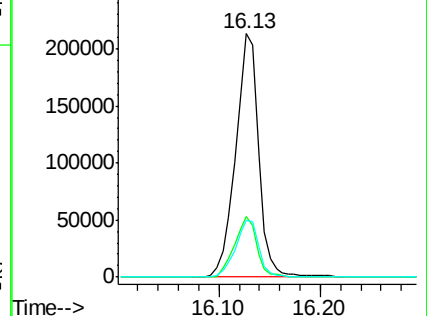
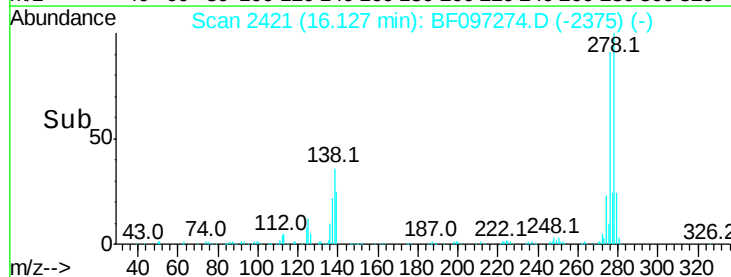
279 23.5 19.3 28.9

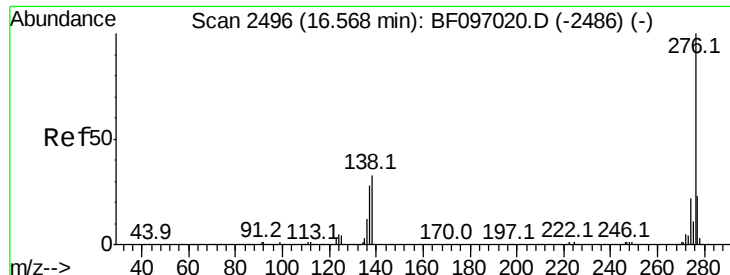


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.208 ng

RT: 16.48 min Scan# 2481

Delta R.T. -0.03 min

Lab File: BF097274.D

Acq: 2 Aug 2017 15:38

Instrument :

BNA_F

ClientSampleId :

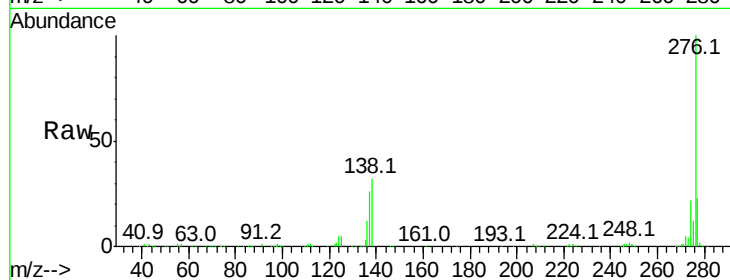
Tot Ion:276 Resp: 369240

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 31.6 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

