

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
 Data File : BF097208.D
 Acq On : 31 Jul 2017 15:24
 Operator : SJ/JU
 Sample : I4421-11MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Quant Time: Jul 31 19:13:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 15:18:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	116242	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	510252	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	199231	20.00	ng	0.00
63) Phenanthrene-d10	10.99	188	297605	20.00	ng	0.00
75) Chrysene-d12	13.62	240	172940	20.00	ng	0.00
86) Perylene-d12	14.96	264	191509	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.09	112	836168	108.44	ng	0.01
7) Phenol-d6	6.15	99	891957	101.32	ng	0.00
23) Nitrobenzene-d5	7.05	82	577369	66.38	ng	0.00
41) 2,4,6-Tribromophenol	10.30	330	156551	99.45	ng	0.00
44) 2-Fluorobiphenyl	8.85	172	814732	69.40	ng	0.00
78) Terphenyl-d14	12.57	244	475211	56.02	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.05	88	112494	34.959	ng	# 67
3) Pyridine	2.66	79	319041	32.379	ng	# 62
4) n-Nitrosodimethylamine	2.62	42	192682	35.298	ng	# 78
6) Aniline	6.15	93	237763	21.463	ng	# 68
8) 2-Chlorophenol	6.27	128	294698	35.742	ng	93
9) Benzaldehyde	6.02	77	92391	17.732	ng	94
10) Phenol	6.16	94	379595	36.354	ng	96
11) bis(2-Chloroethyl)ether	6.23	93	290473	35.173	ng	93
12) 1,3-Dichlorobenzene	6.42	146	320969	36.122	ng	99
13) 1,4-Dichlorobenzene	6.50	146	321167	36.472	ng	97
14) 1,2-Dichlorobenzene	6.65	146	289401	37.640	ng	97
15) Benzyl Alcohol	6.64	79	229172	41.119	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.77	45	620904	37.485	ng	60
17) 2-Methylphenol	6.77	107	238272	37.443	ng	# 89
18) Hexachloroethane	6.99	117	113550	35.247	ng	# 81
19) n-Nitroso-di-n-propylamine	6.91	70	227311	39.229	ng	# 81
20) 3+4-Methylphenols	6.92	107	339420	40.839	ng	# 62
22) Acetophenone	6.90	105	431585	35.221	ng	98
24) Nitrobenzene	7.07	77	318039	35.109	ng	95
25) Isophorone	7.31	82	541613	31.797	ng	97
26) 2-Nitrophenol	7.39	139	164464	33.558	ng	# 85
27) 2,4-Dimethylphenol	7.45	122	278240	34.417	ng	97
28) bis(2-Chloroethoxy)methane	7.53	93	445467	40.075	ng	98
29) 2,4-Dichlorophenol	7.64	162	260905	37.462	ng	97
30) 1,2,4-Trichlorobenzene	7.71	180	237241	35.737	ng	98
31) Naphthalene	7.79	128	862464	35.857	ng	99
32) Benzoic acid	7.56	122	33917	5.618	ng	92
33) 4-Chloroaniline	7.85	127	158180	16.162	ng	97
34) Hexachlorobutadiene	7.91	225	115872	32.924	ng	98
35) Caprolactam	8.22	113	46345	20.752	ng	# 62
36) 4-Chloro-3-methylphenol	8.35	107	274691	36.152	ng	88
37) 2-Methylnaphthalene	8.47	142	602468	39.561	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	208767	39.271	ng	99
40) Hexachlorocyclopentadiene	8.63	237	35135	23.935	ng	98

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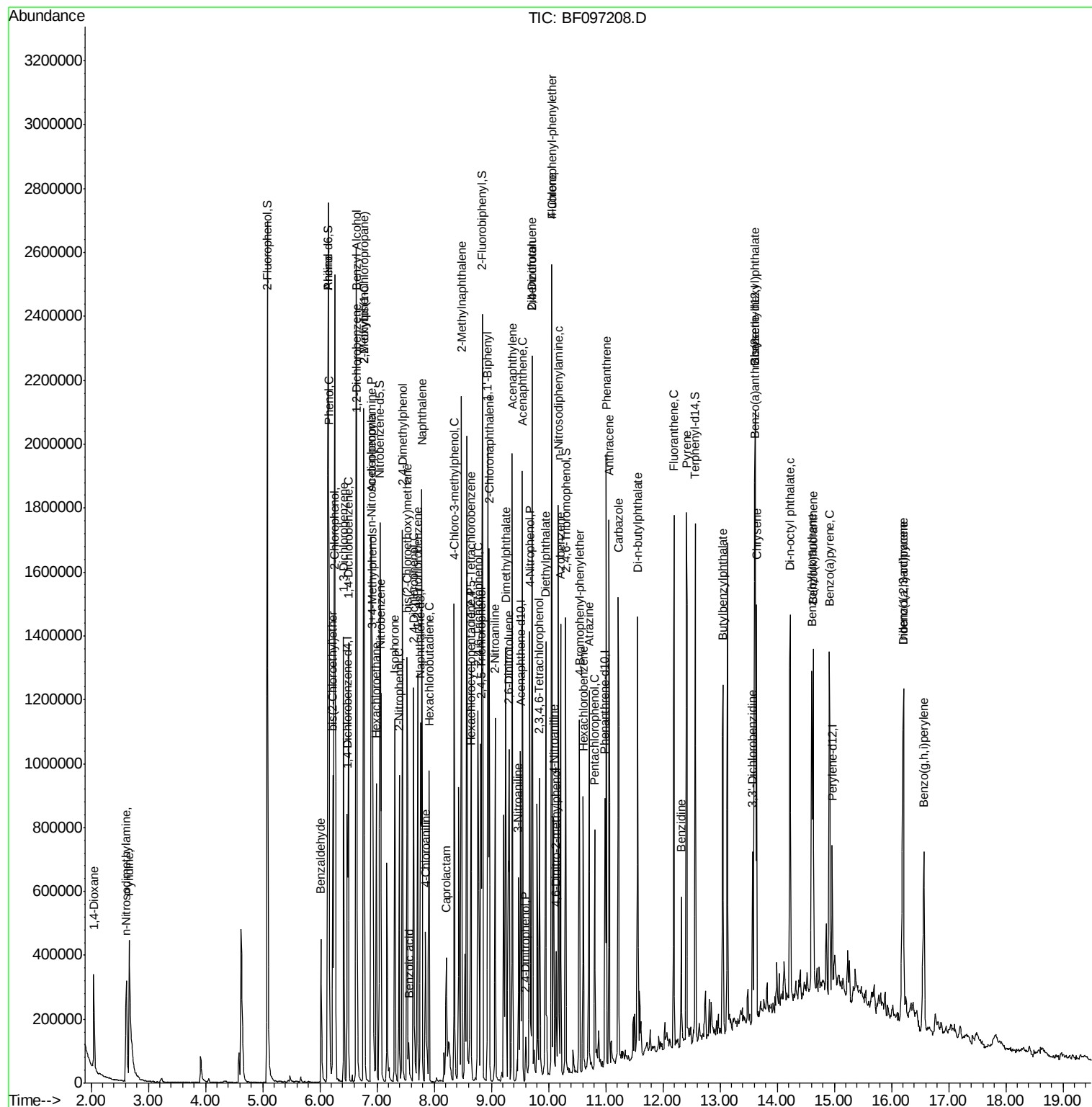
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	153359	39.809	ng	99
43) 2,4,5-Trichlorophenol	8.82	196	156872	40.684	ng	95
45) 1,1'-Biphenyl	8.94	154	620580	36.468	ng	97
46) 2-Chloronaphthalene	8.96	162	475961	38.008	ng	94
47) 2-Nitroaniline	9.07	65	187557	41.270	ng	95
48) Acenaphthylene	9.37	152	670027	34.859	ng	99
49) Dimethylphthalate	9.25	163	729093	48.191	ng	99
50) 2,6-Dinitrotoluene	9.32	165	125874	39.228	ng	# 89
51) Acenaphthene	9.55	154	409061	36.130	ng	99
52) 3-Nitroaniline	9.48	138	96023	24.109	ng	90
53) 2,4-Dinitrophenol	9.60	184	22859	15.668	ng	# 77
54) Dibenzofuran	9.72	168	601928	39.914	ng	96
55) 4-Nitrophenol	9.67	139	140176	59.181	ng	# 49
56) 2,4-Dinitrotoluene	9.72	165	143356	38.862	ng	# 72
57) Fluorene	10.06	166	457632	40.375	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.85	232	106030	39.826	ng	98
59) Diethylphthalate	9.95	149	522847	37.669	ng	99
60) 4-Chlorophenyl-phenylether	10.05	204	183972	39.306	ng	99
61) 4-Nitroaniline	10.09	138	123933	32.747	ng	94
62) Azobenzene	10.22	77	531302	41.262	ng	91
64) 4,6-Dinitro-2-methylphenol	10.13	198	43610	23.582	ng	87
65) n-Nitrosodiphenylamine	10.17	169	434763	41.986	ng	97
66) 4-Bromophenyl-phenylether	10.54	248	118302	39.832	ng	98
67) Hexachlorobenzene	10.61	284	118915	35.704	ng	94
68) Atrazine	10.71	200	118153	39.792	ng	94
69) Pentachlorophenol	10.81	266	96673	70.153	ng	97
70) Phenanthrene	11.01	178	718061	45.031	ng	99
71) Anthracene	11.06	178	632759	38.744	ng	98
72) Carbazole	11.22	167	570983	35.548	ng	98
73) Di-n-butylphthalate	11.57	149	723042	36.417	ng	98
74) Fluoranthene	12.19	202	662974	42.440	ng	97
76) Benzidine	12.32	184	157698	24.575	ng	# 92
77) Pyrene	12.42	202	674507	47.641	ng	100
79) Butylbenzylphthalate	13.05	149	255386	35.461	ng	# 83
80) Benzo(a)anthracene	13.60	228	472619	42.236	ng	100
81) 3,3'-Dichlorobenzidine	13.57	252	111572	26.440	ng	# 95
82) Chrysene	13.64	228	446107	40.828	ng	99
83) Bis(2-ethylhexyl)phthalate	13.62	149	321124	34.151	ng	99
84) Di-n-octyl phthalate	14.23	149	596655	34.577	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.20	276	472158	50.394	ng	96
87) Benzo(b)fluoranthene	14.61	252	516347	44.853	ng	98
88) Benzo(k)fluoranthene	14.63	252	359343	32.757	ng	96
89) Benzo(a)pyrene	14.92	252	458767	43.543	ng	99
90) Dibenzo(a,h)anthracene	16.21	278	373791	43.262	ng	# 94
91) Benzo(g,h,i)perylene	16.57	276	389140	42.948	ng	98

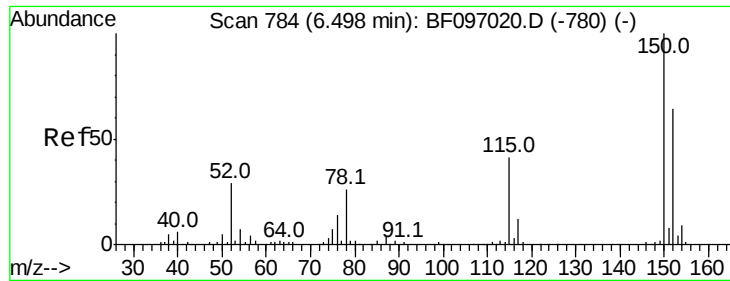
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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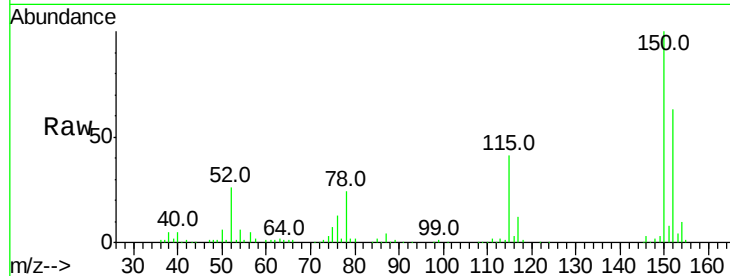


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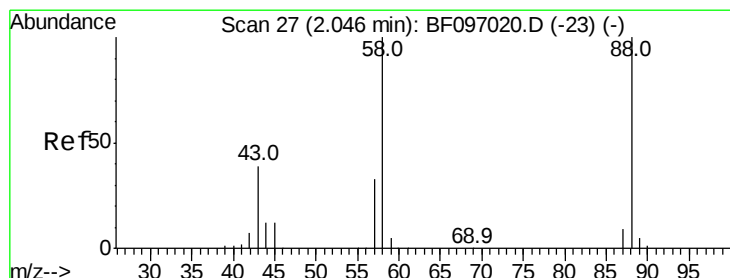
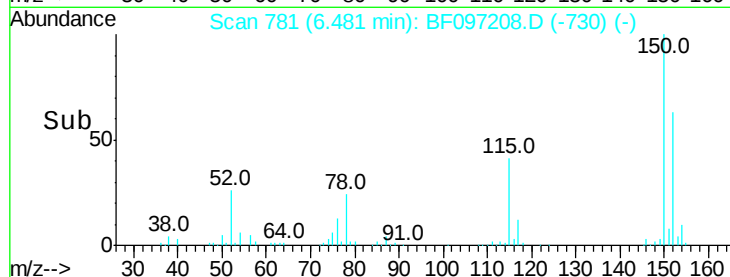
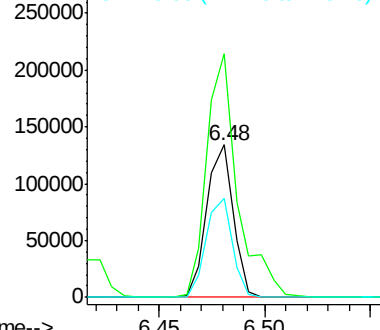
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion:152 Resp: 116242
Ion Ratio Lower Upper
152 100
150 159.5 126.2 189.2
115 64.6 52.2 78.2



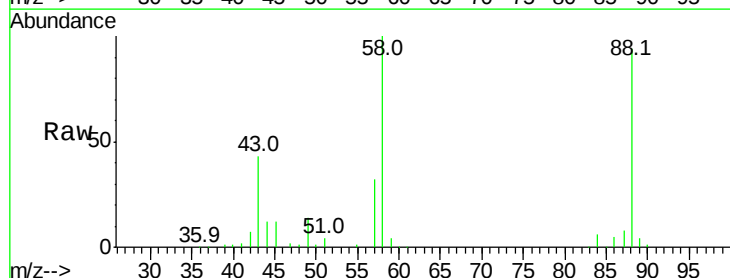
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



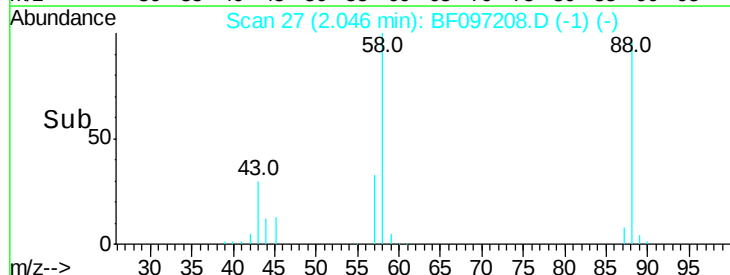
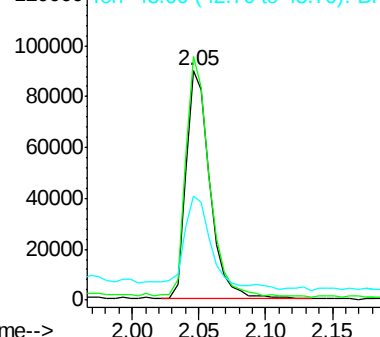
#2

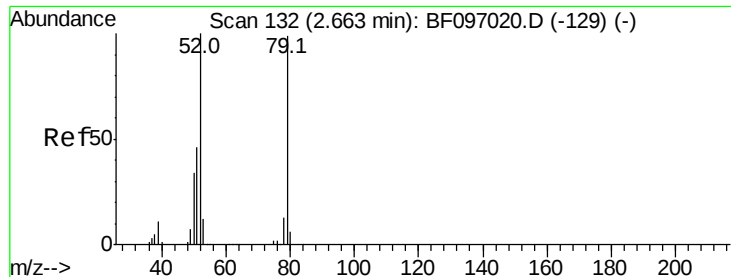
1,4-Dioxane
Concen: 34.959 ng
RT: 2.05 min Scan# 27
Delta R.T. 0.04 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion: 88 Resp: 112494
Ion Ratio Lower Upper
88 100
58 104.5 61.4 92.0#
43 47.0 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

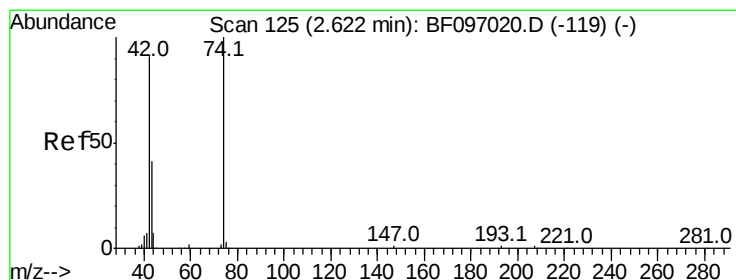
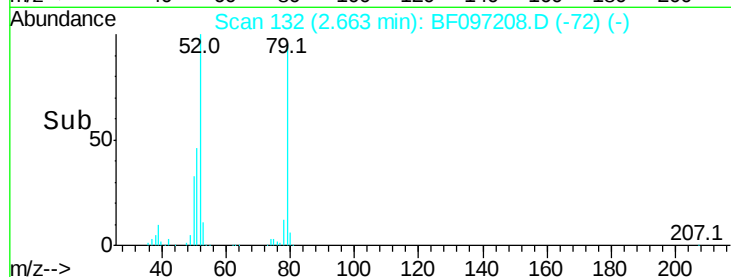
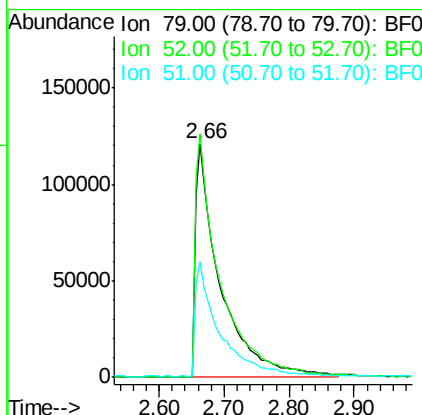
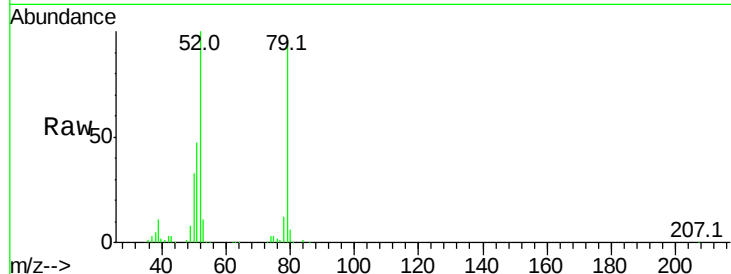




#3
 Pvridine
 Concen: 32.379 ng
 RT: 2.66 min Scan# 132
 Delta R.T. 0.05 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

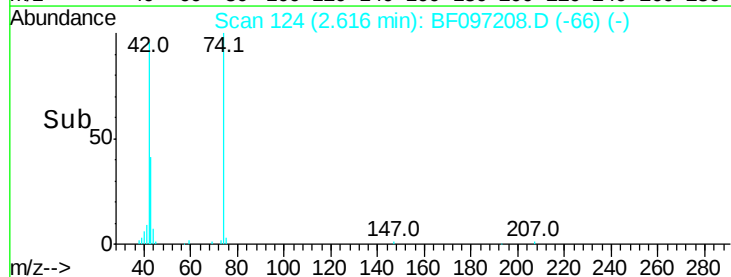
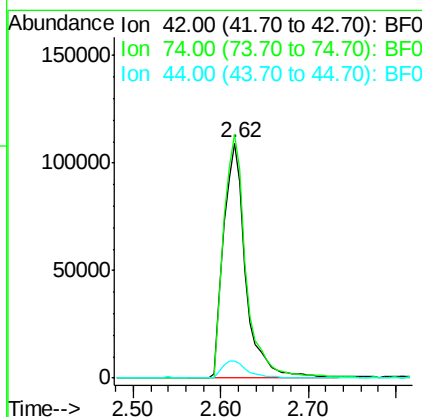
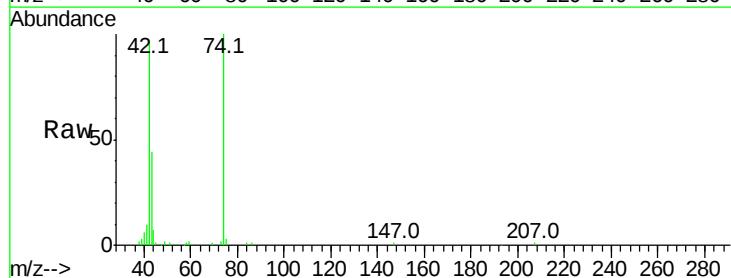
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 ClientSampleId :
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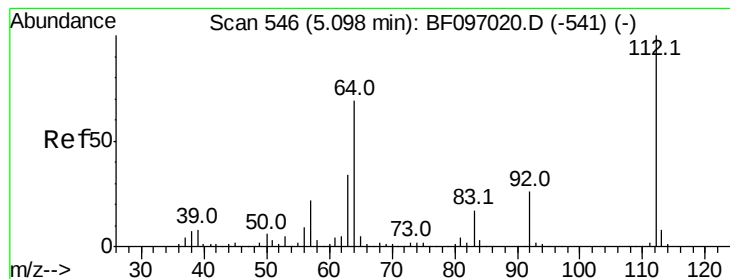
Tot Ion: 79 Resp: 319041
 Ion Ratio Lower Upper
 79 100
 52 104.1 54.8 82.2#
 51 49.3 27.0 40.4#



#4
 n-Nitrosodimethylamine
 Concen: 35.298 ng
 RT: 2.62 min Scan# 124
 Delta R.T. 0.04 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion: 42 Resp: 192682
 Ion Ratio Lower Upper
 42 100
 74 103.5 103.9 155.9#
 44 7.2 5.7 8.5





#5

2-Fluorophenol

Concen: 108.439 ng

RT: 5.09 min Scan# 544

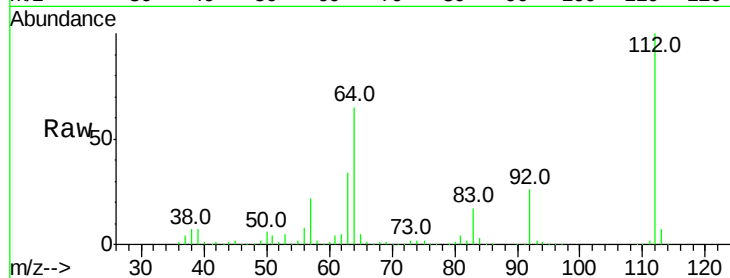
Delta R.T. 0.01 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

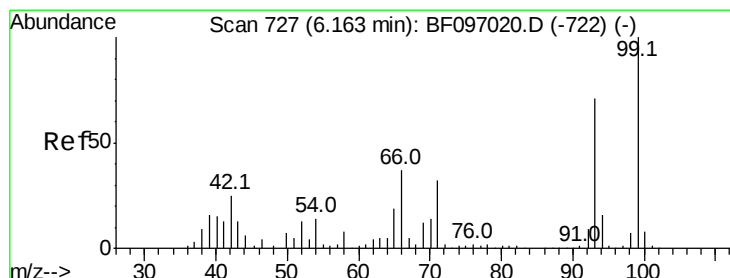
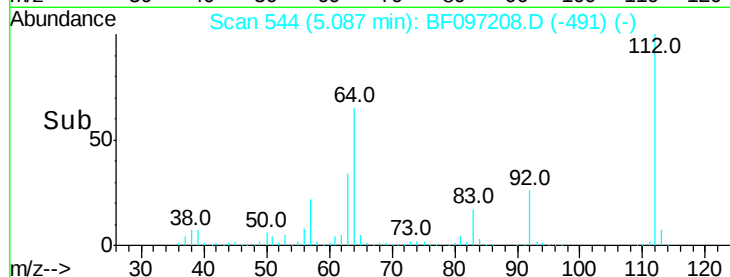
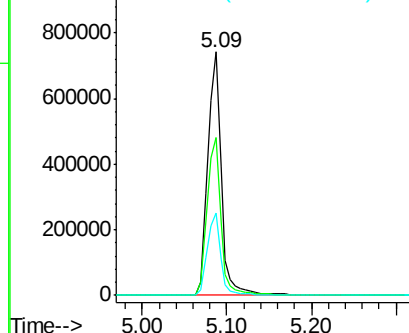
Tot Ion:	112	Resp:	836168
Ion Ratio	Lower	Upper	
112	100		
64	64.7	46.0	69.0
63	33.7	23.4	35.0



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: 21.463 ng

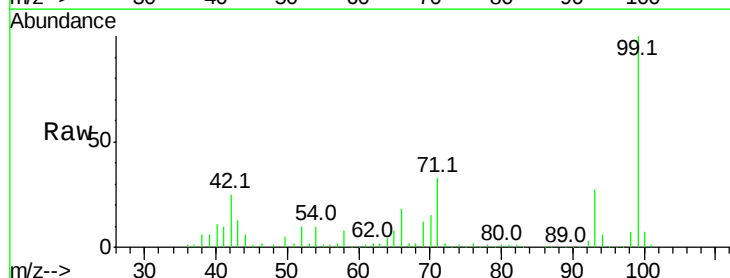
RT: 6.15 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

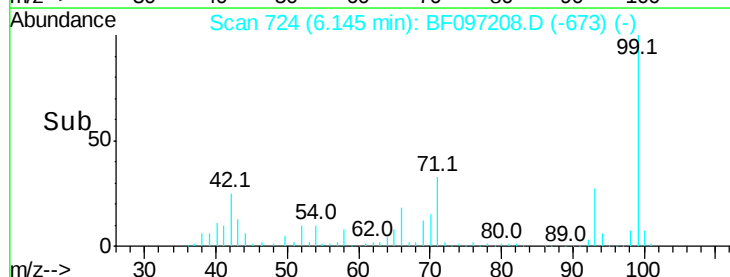
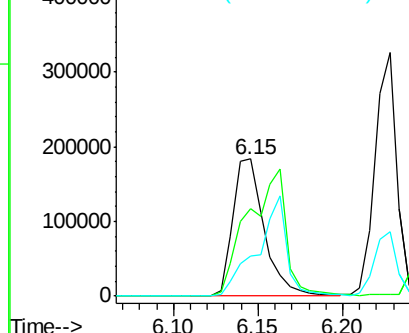
Tgt Ion:	93	Resp:	237763
Ion Ratio	Lower	Upper	
93	100		
66	64.1	32.9	49.3#
65	29.5	16.0	24.0#

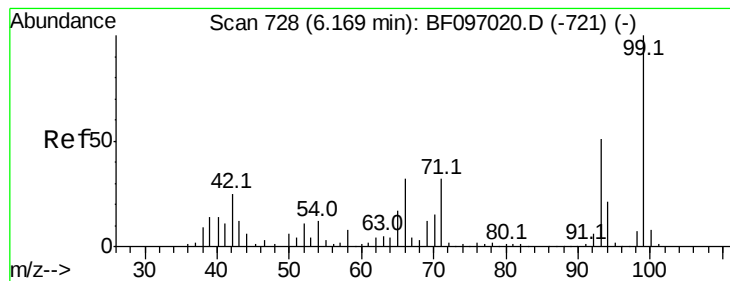


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 101.324 ng

RT: 6.15 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF097208.D

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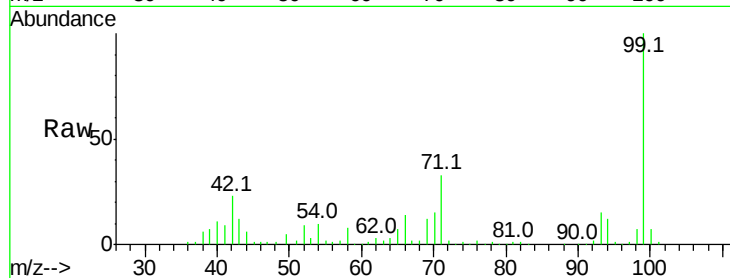
Tot Ion: 99 Resp: 891957

Ion Ratio Lower Upper

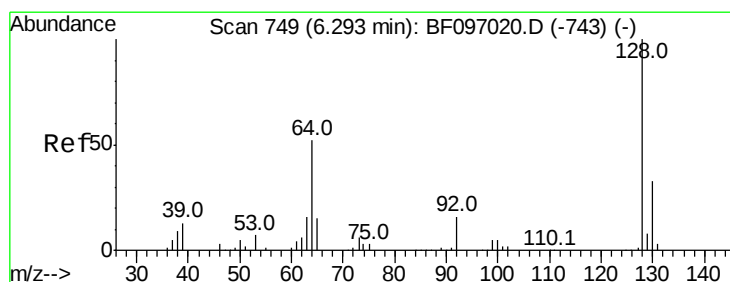
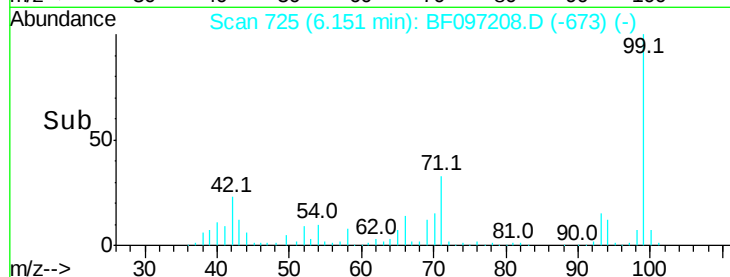
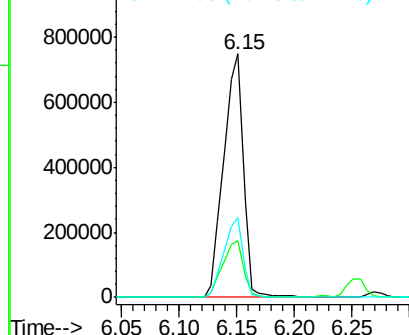
99 100

42 23.1 13.5 20.3#

71 32.8 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: 35.742 ng

RT: 6.27 min Scan# 745

Delta R.T. -0.00 min

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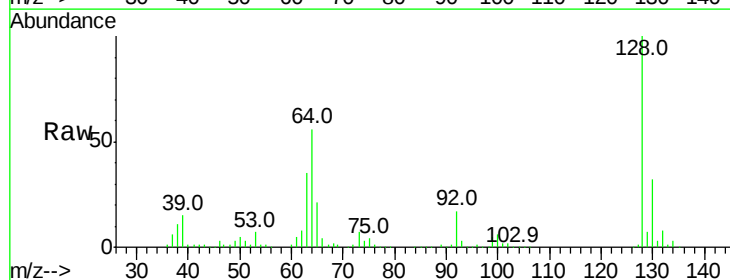
Tgt Ion:128 Resp: 294698

Ion Ratio Lower Upper

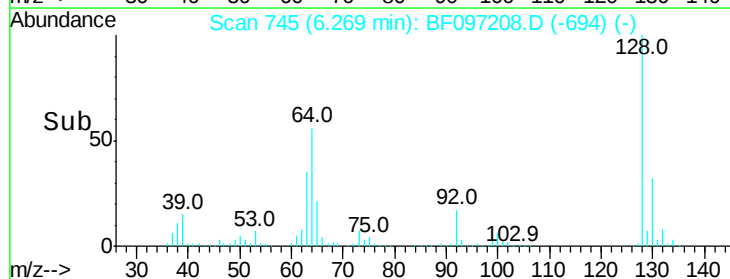
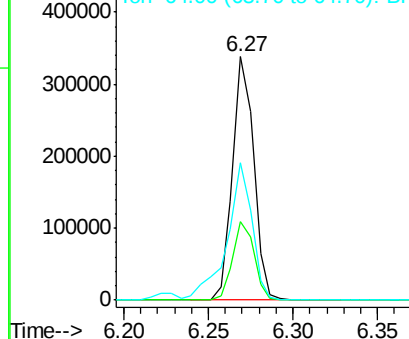
128 100

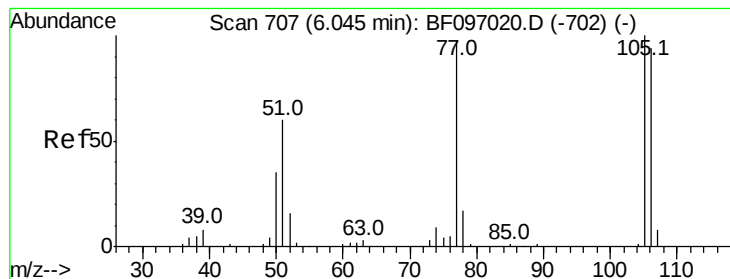
130 32.3 12.9 52.9

64 56.4 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: 17.732 ng

RT: 6.02 min Scan# 703

Delta R.T. -0.00 min

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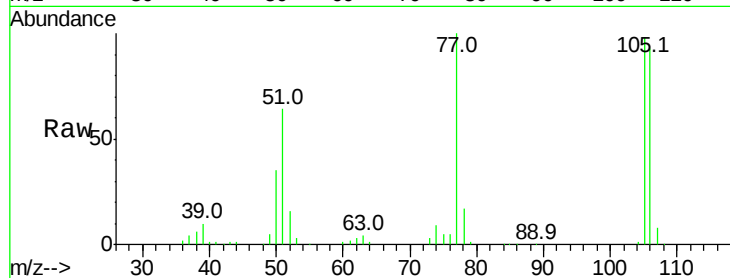
Tot Ion: 77 Resp: 92391

Ion Ratio Lower Upper

77 100

105 97.7 83.8 123.8

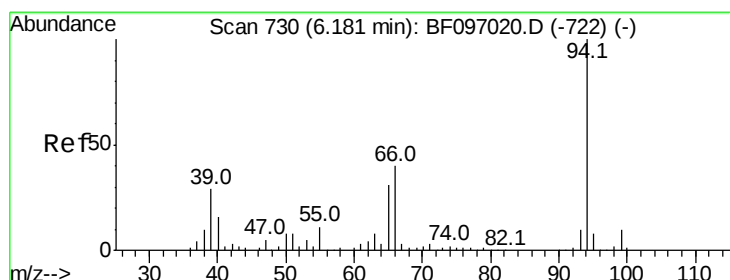
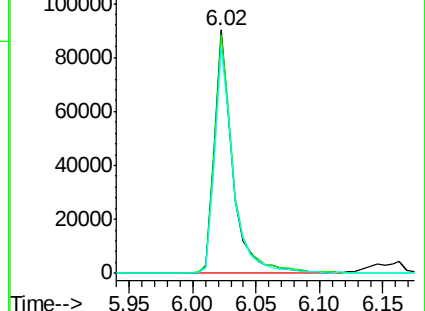
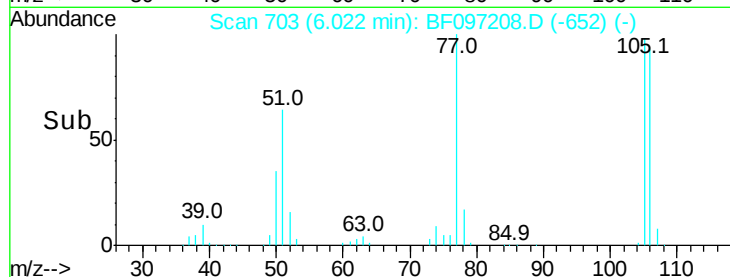
106 92.7 79.1 119.1



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: 36.354 ng

RT: 6.16 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

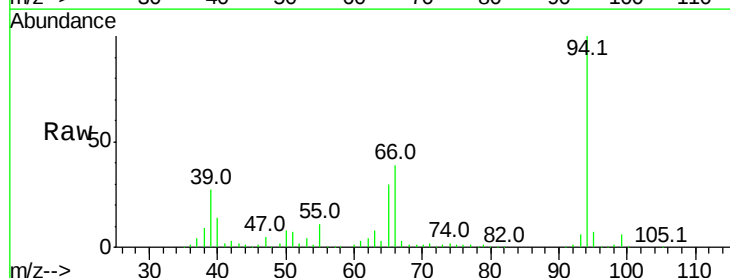
Tgt Ion: 94 Resp: 379595

Ion Ratio Lower Upper

94 100

65 30.5 9.9 49.9

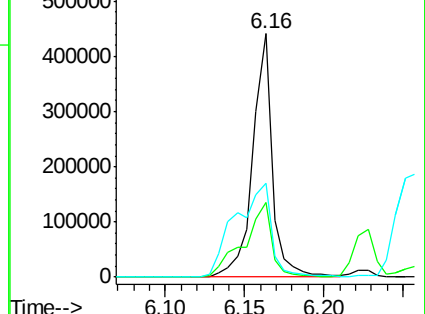
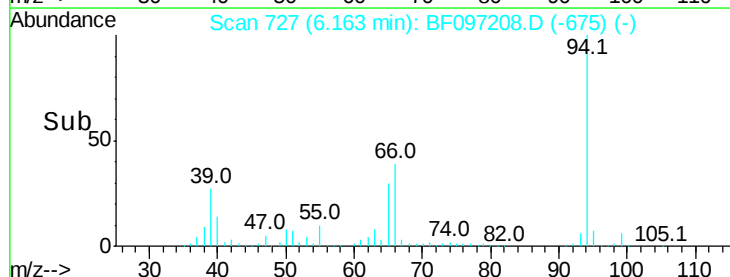
66 38.8 23.1 63.1

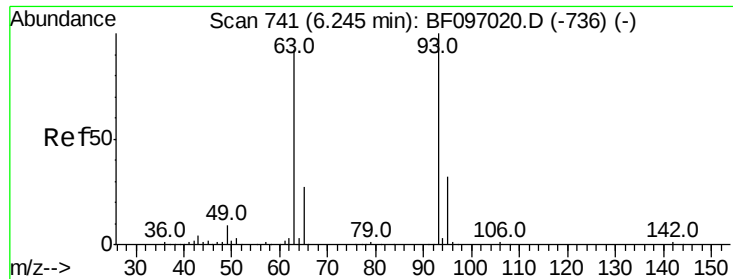


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.173 ng

RT: 6.23 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASEMS

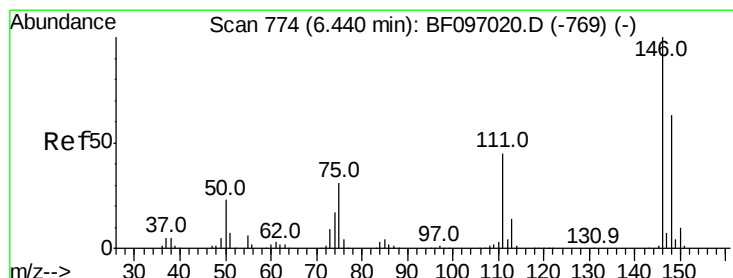
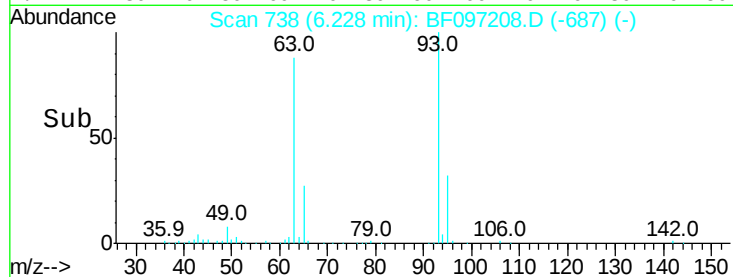
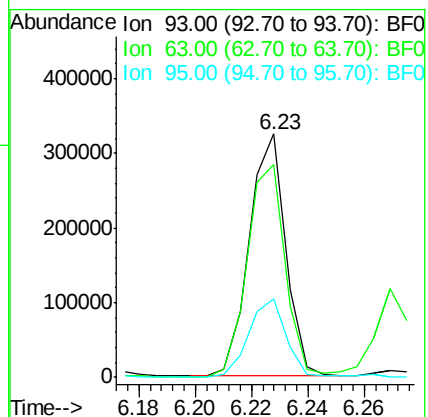
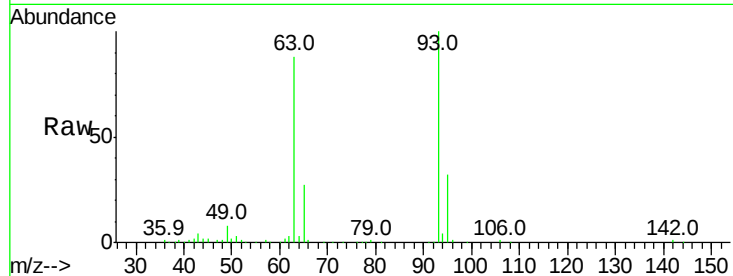
Tot Ion: 93 Resp: 290473

Ion Ratio Lower Upper

93 100

63 87.6 59.2 99.2

95 32.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 36.122 ng

RT: 6.42 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

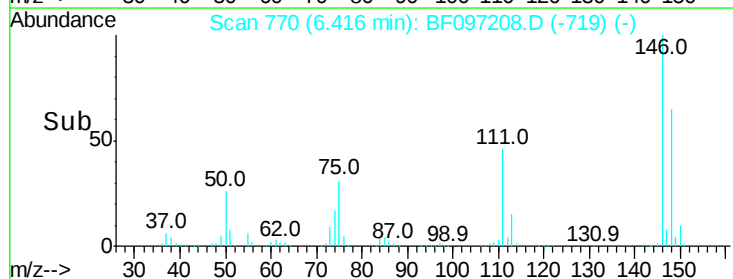
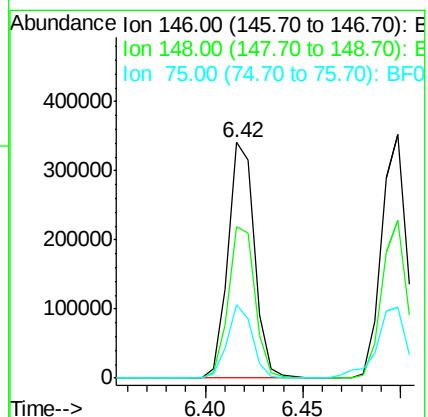
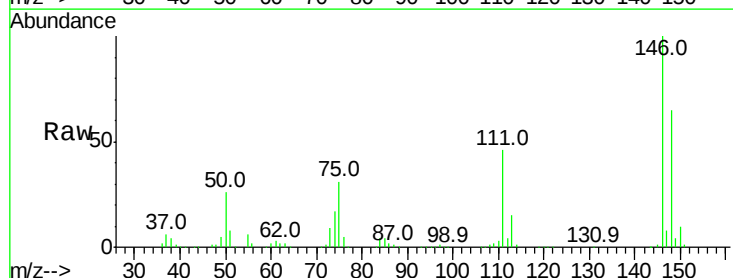
Tgt Ion: 146 Resp: 320969

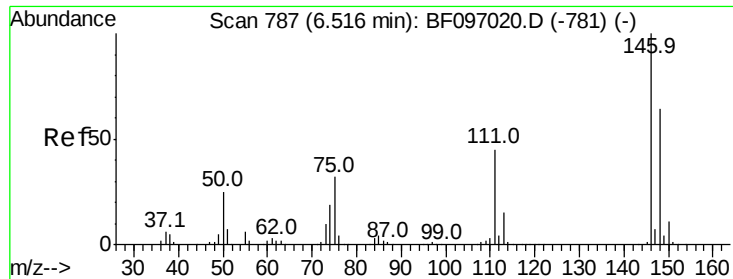
Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.6

75 31.2 23.1 34.7

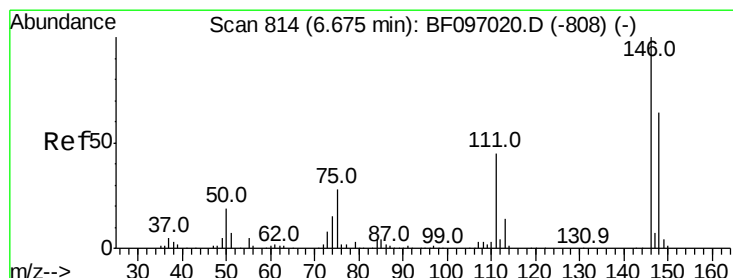
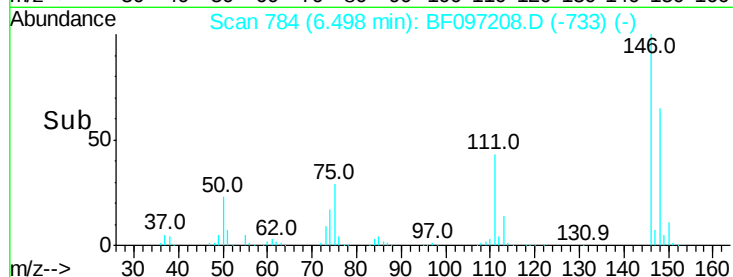
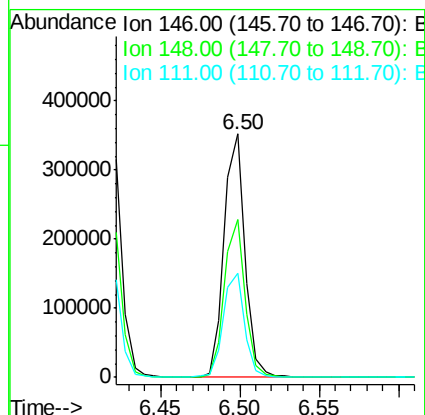
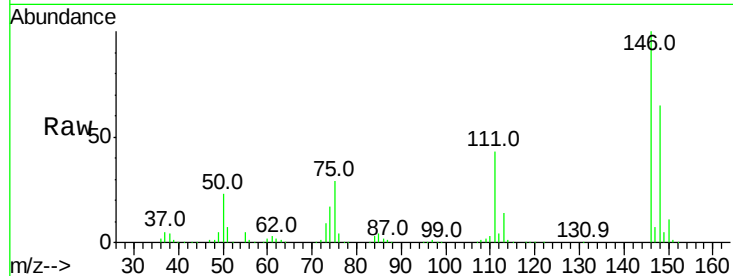




#13
 1,4-Dichlorobenzene
 Concen: 36.472 ng
 RT: 6.50 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

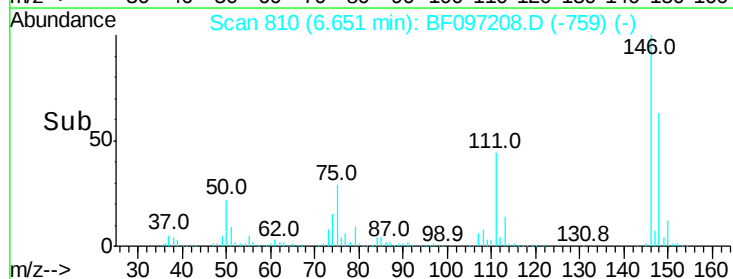
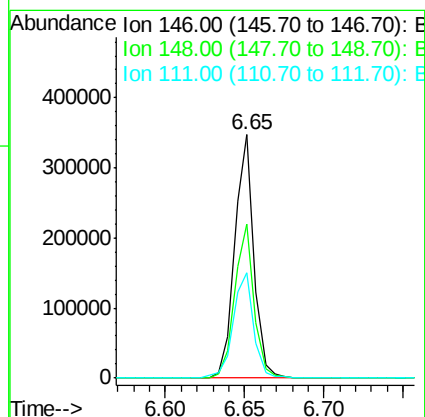
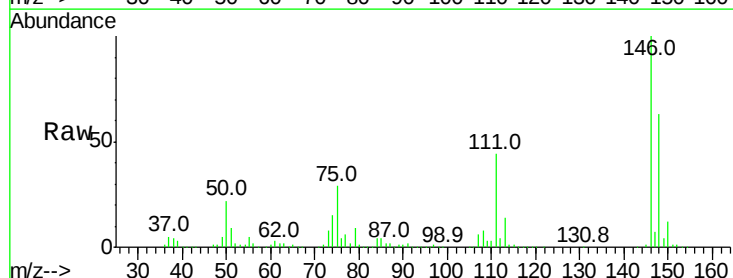
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

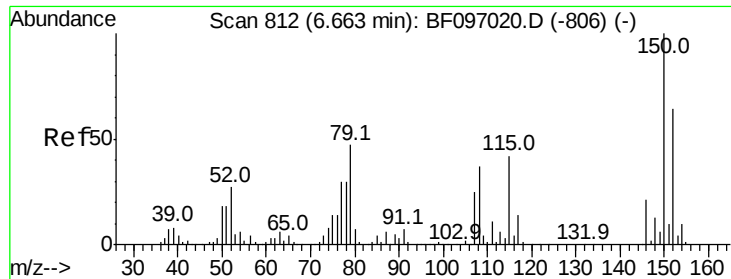
Tot Ion:146 Resp: 321167
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.2
 111 43.0 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 37.640 ng
 RT: 6.65 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion:146 Resp: 289401
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.4 75.6
 111 43.5 38.2 57.4

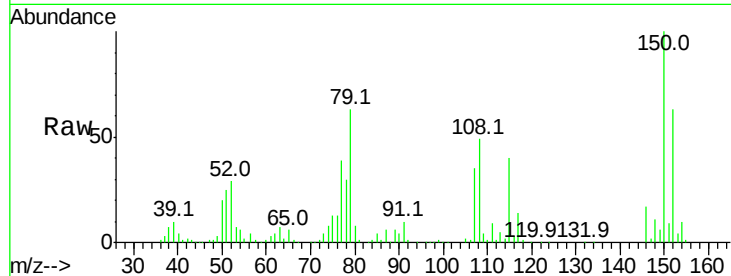




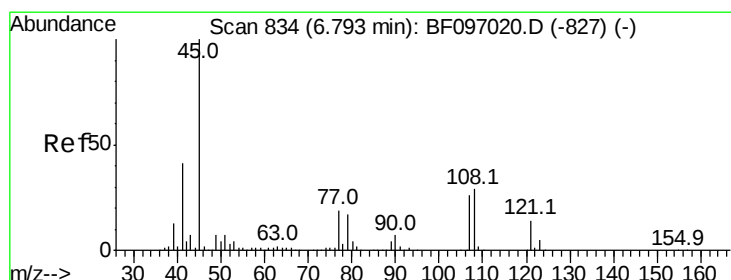
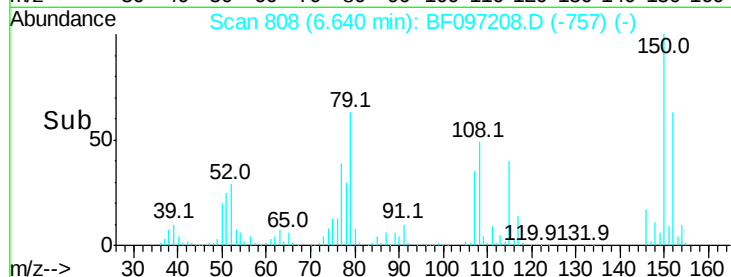
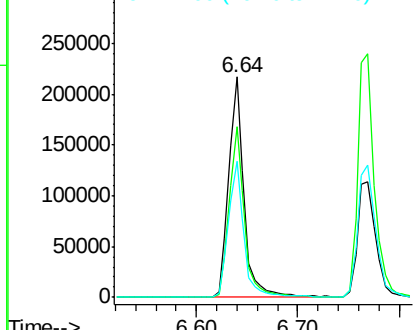
#15
Benzyl Alcohol
Concen: 41.119 ng
RT: 6.64 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion: 79 Resp: 229172
Ion Ratio Lower Upper
79 100
108 77.5 63.4 95.0
77 62.1 49.2 73.8

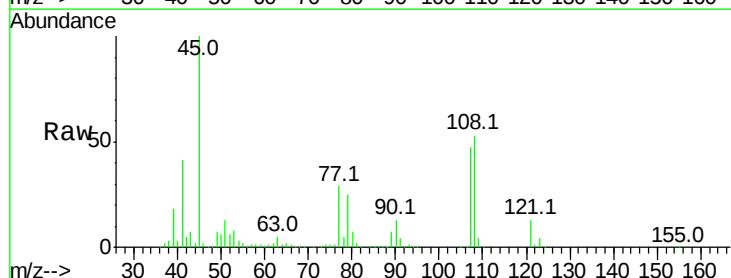


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

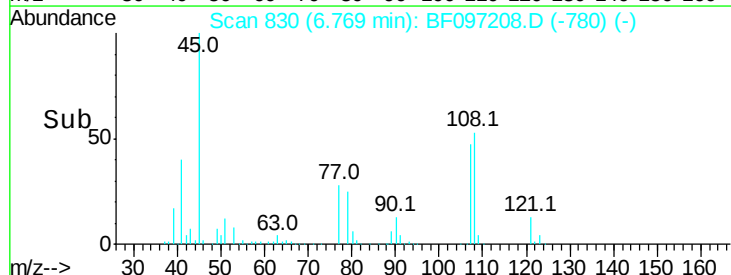
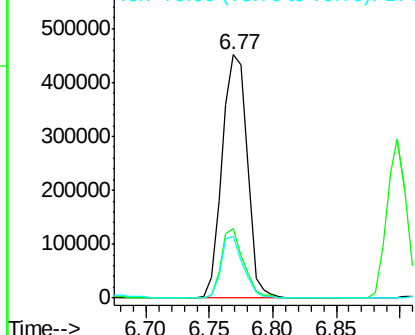


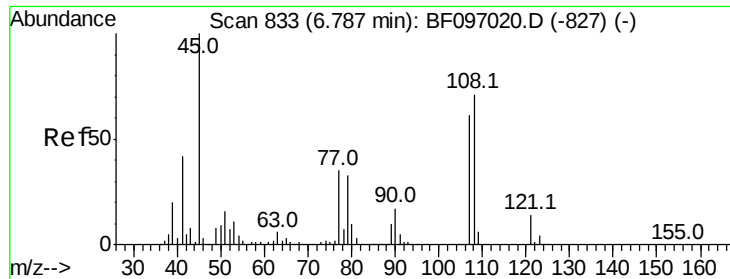
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.485 ng
RT: 6.77 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion: 45 Resp: 620904
Ion Ratio Lower Upper
45 100
77 28.7 0.0 33.2
79 25.3 0.0 30.0



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

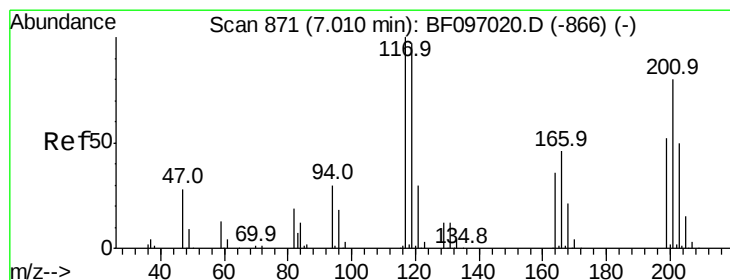
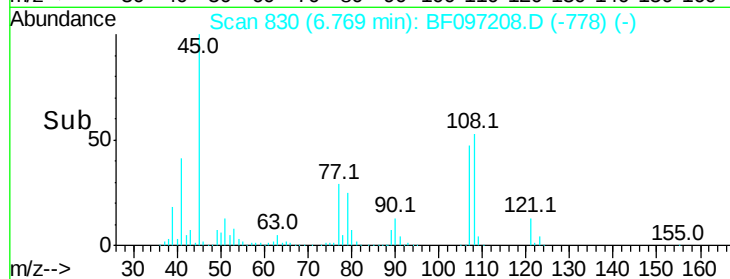
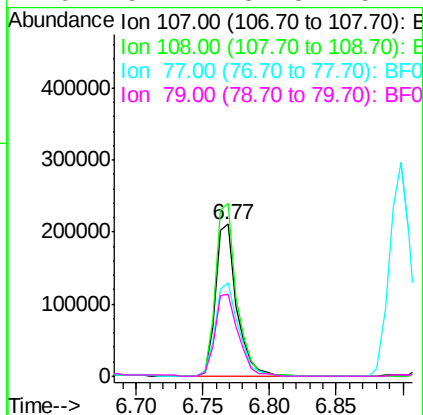
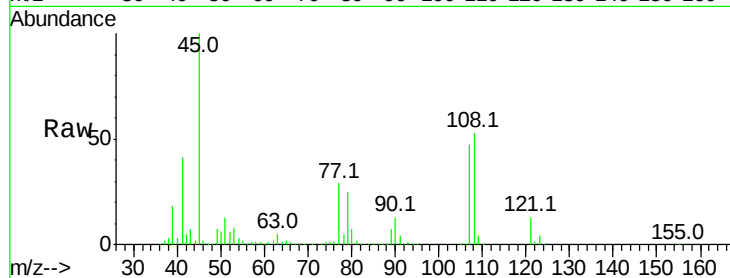




#17
2-Methylphenol
Concen: 37.443 ng
RT: 6.77 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

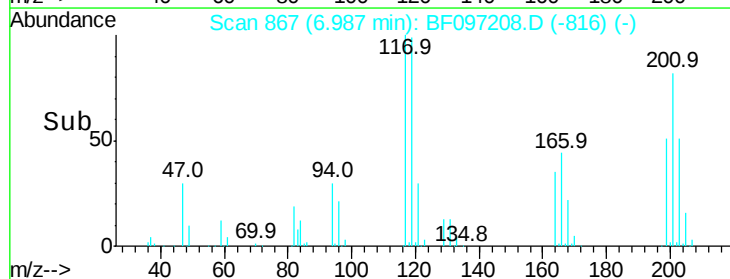
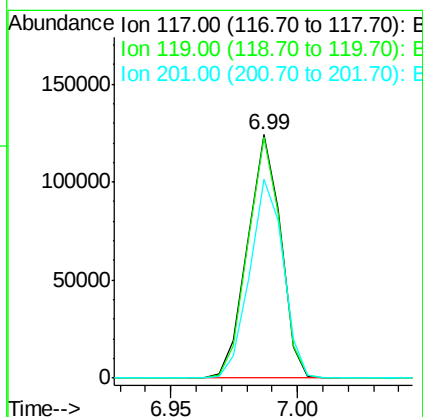
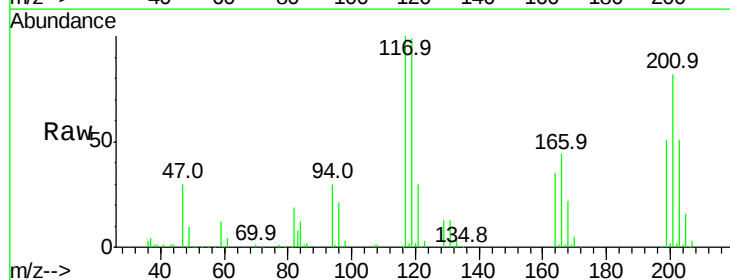
Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

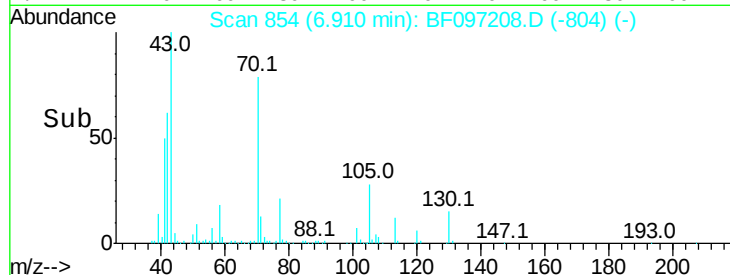
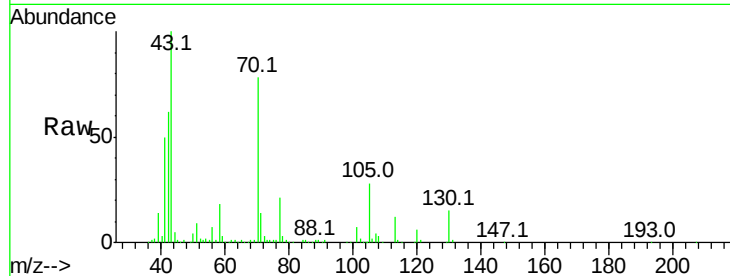
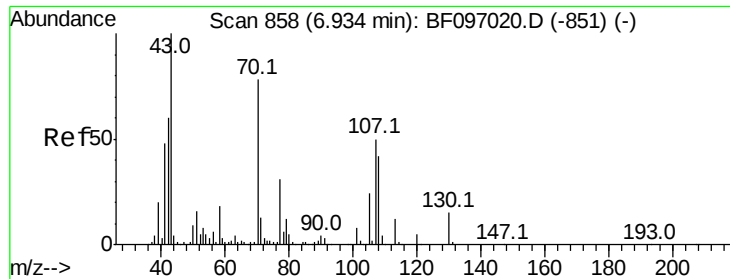
Tot Ion:107 Resp: 238272
Ion Ratio Lower Upper
107 100
108 114.0 93.4 140.0
77 61.6 35.8 53.6#
79 54.4 34.8 52.2#



#18
Hexachloroethane
Concen: 35.247 ng
RT: 6.99 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion:117 Resp: 113550
Ion Ratio Lower Upper
117 100
119 98.8 77.4 116.0
201 81.8 94.6 141.8#

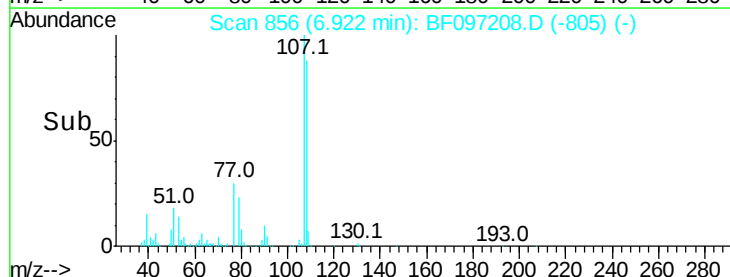
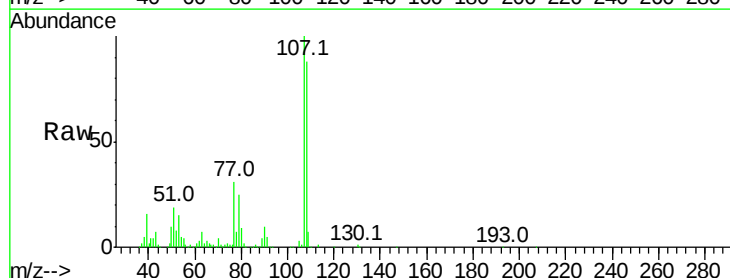
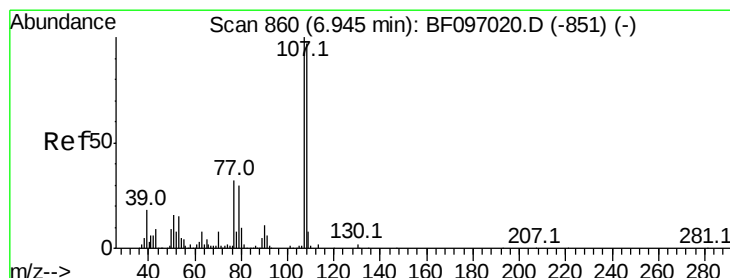
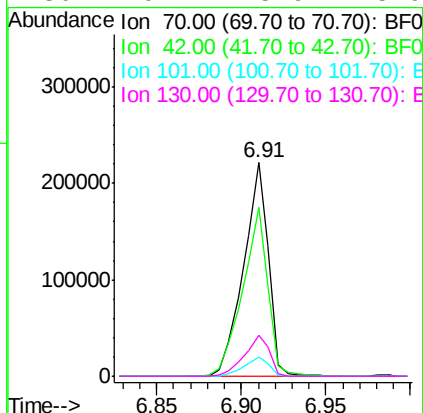




#19
n-Nitroso-di-n-propylamine
Concen: 39.229 ng
RT: 6.91 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

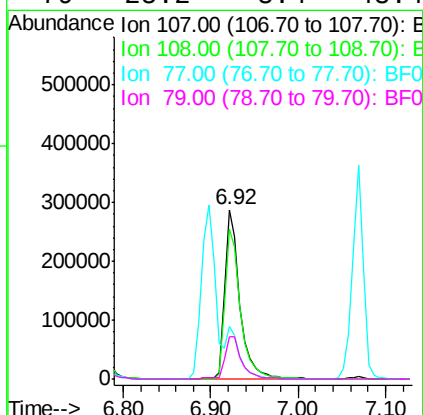
Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

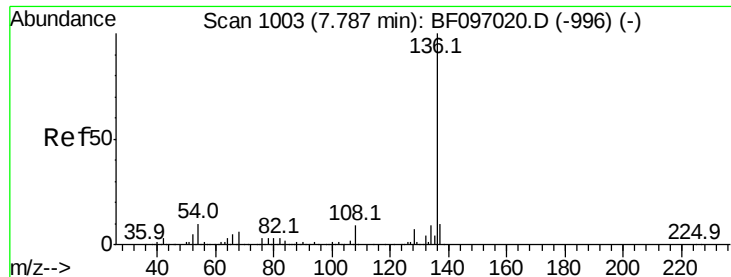
Tot Ion:	70	Resp:	227311
Ion	Ratio	Lower	Upper
70	100		
42	79.2	47.2	70.8#
101	8.8	7.2	10.8
130	19.1	15.9	23.9



#20
3+4-Methylphenols
Concen: 40.839 ng
RT: 6.92 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion:	107	Resp:	339420
Ion	Ratio	Lower	Upper
107	100		
108	88.4	71.0	111.0
77	31.2	90.5	130.5#
79	25.2	8.4	48.4

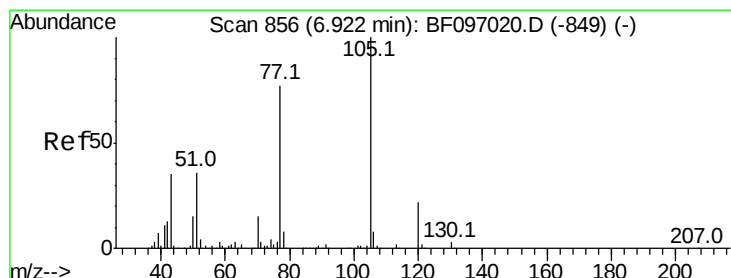
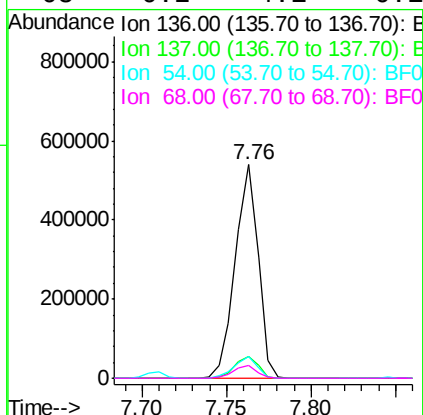
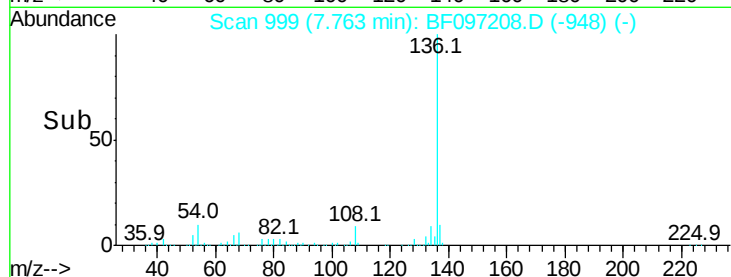
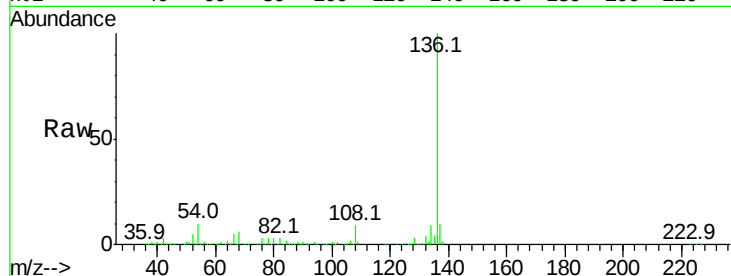




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.76 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

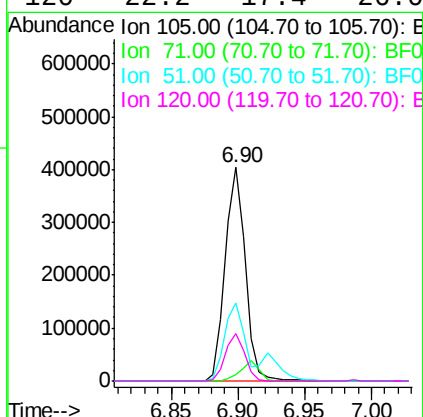
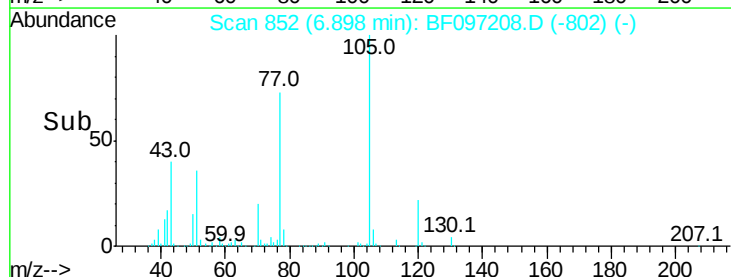
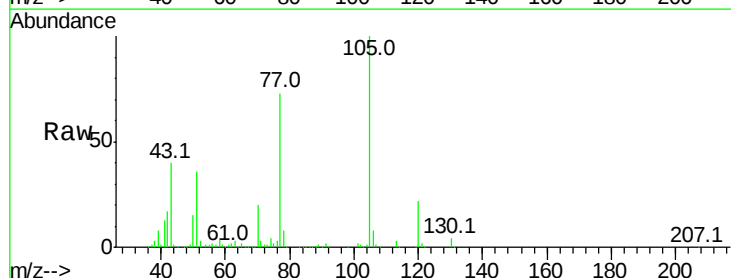
Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

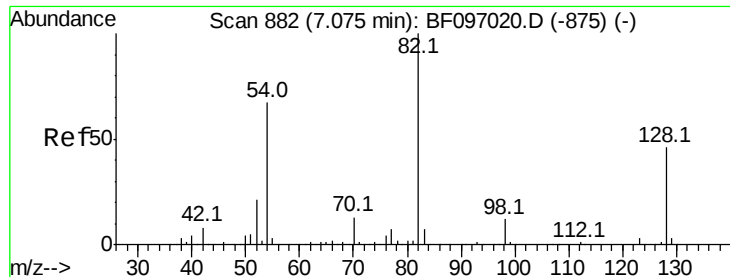
Tot Ion:136	Resp: 510252
Ion Ratio	Lower Upper
136 100	
137 10.5	8.5 12.7
54 10.3	4.9 7.3#
68 6.2	4.1 6.1#



#22
Acetophenone
Concen: 35.221 ng
RT: 6.90 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion:105	Resp: 431585
Ion Ratio	Lower Upper
105 100	
71 3.1	2.8 4.2
51 36.5	30.7 46.1
120 22.2	17.4 26.0

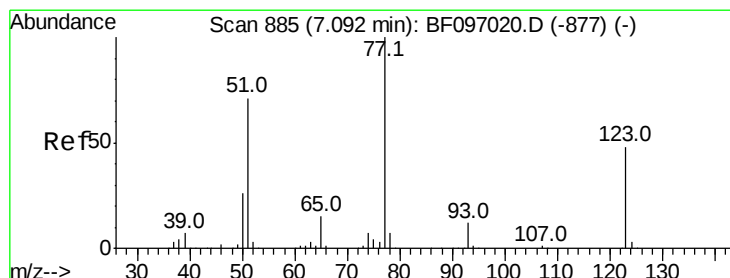
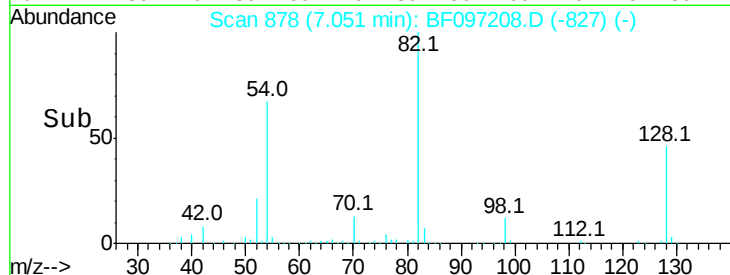
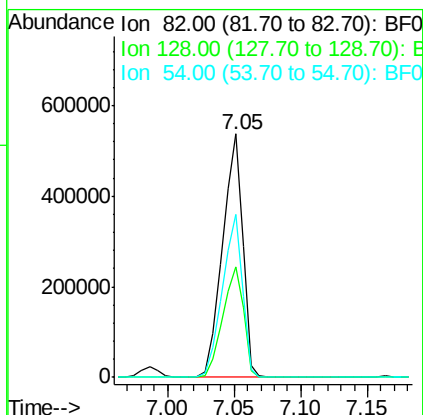
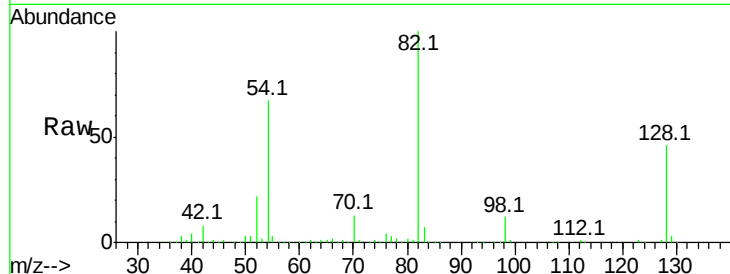




#23
Nitrobenzene-d5
Concen: 66.380 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

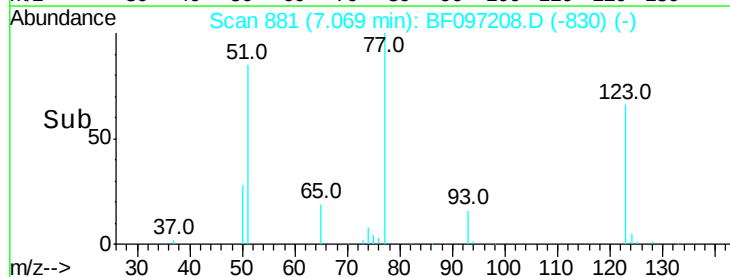
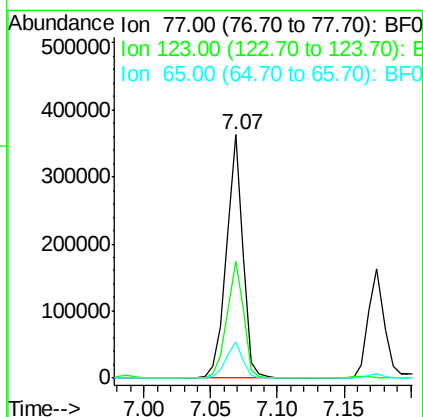
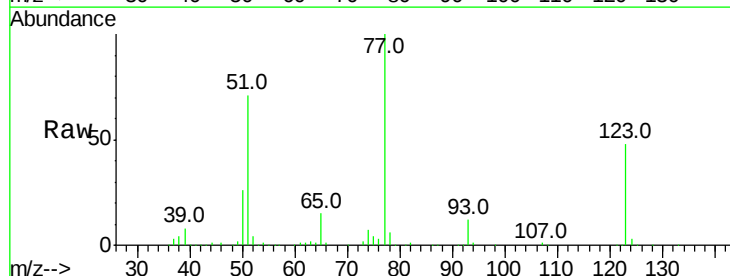
Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion: 82 Resp: 577369
Ion Ratio Lower Upper
82 100
128 45.6 34.0 51.0
54 66.7 42.2 63.2#



#24
Nitrobenzene
Concen: 35.109 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion: 77 Resp: 318039
Ion Ratio Lower Upper
77 100
123 47.8 35.8 53.8
65 14.9 10.6 15.8





#25

Isophorone

Concen: 31.797 ng

RT: 7.31 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASEMS

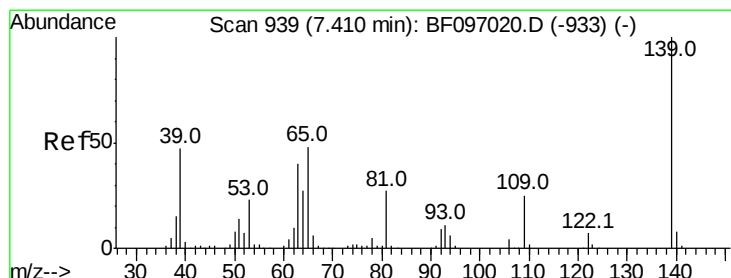
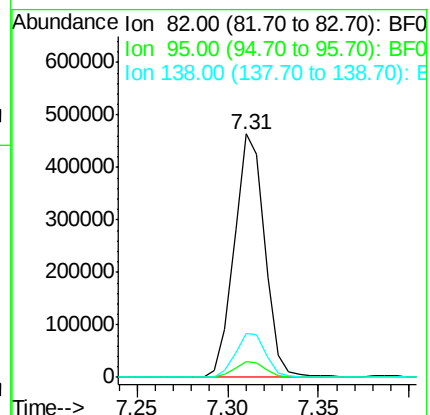
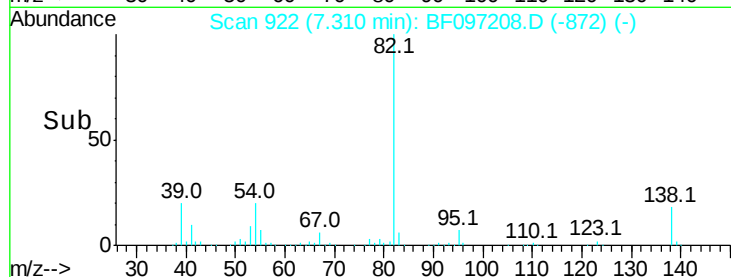
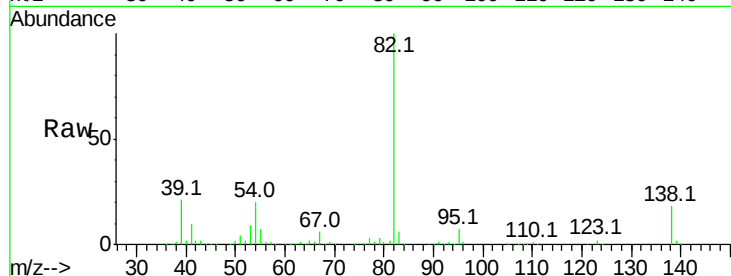
Tot Ion: 82 Resp: 541613

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 18.1 13.1 19.7



#26

2-Nitrophenol

Concen: 33.558 ng

RT: 7.39 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

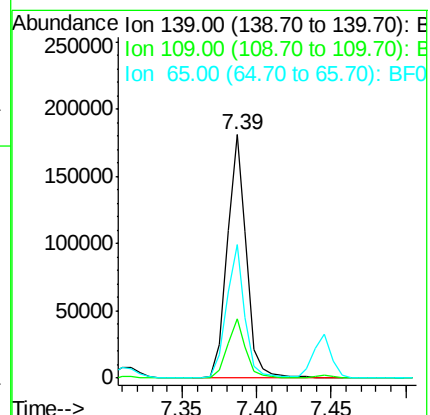
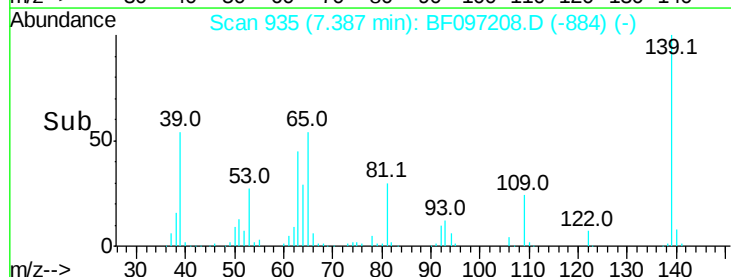
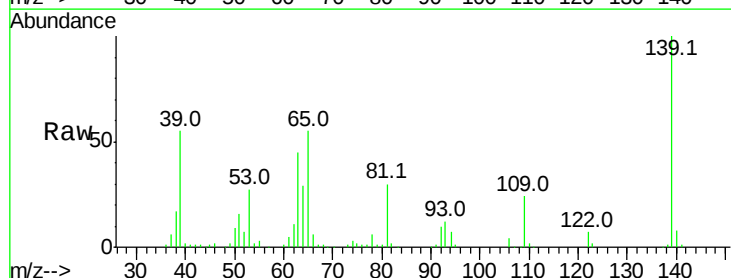
Tgt Ion:139 Resp: 164464

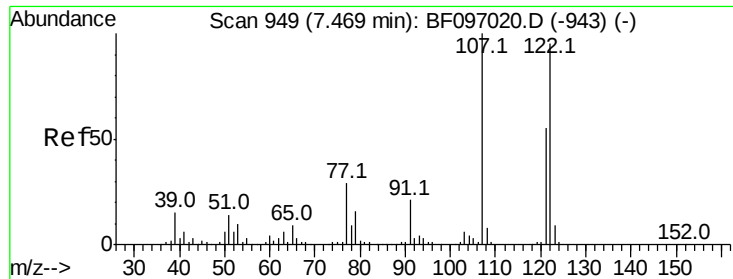
Ion Ratio Lower Upper

139 100

109 24.3 21.0 31.6

65 54.6 33.0 49.6#

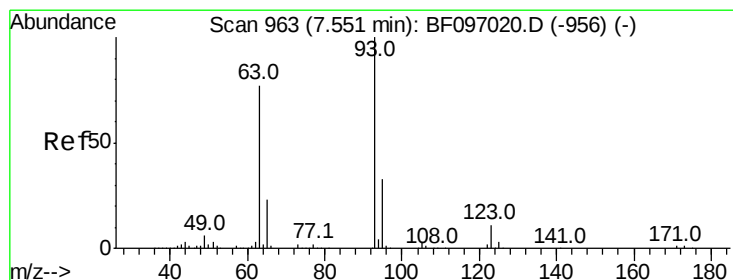
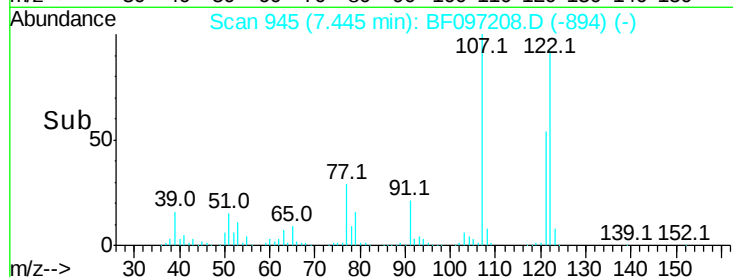
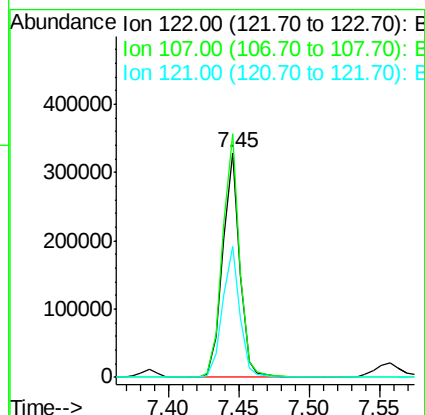
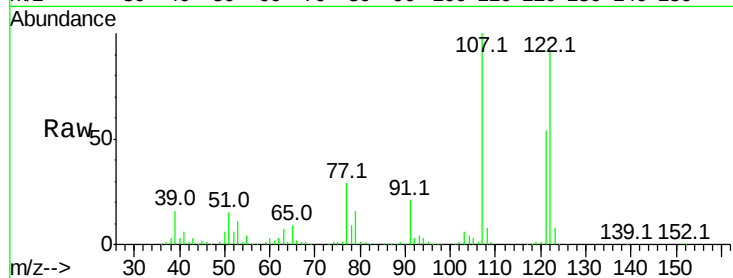




#27
 2,4-Dimethylphenol
 Concen: 34.417 ng
 RT: 7.45 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

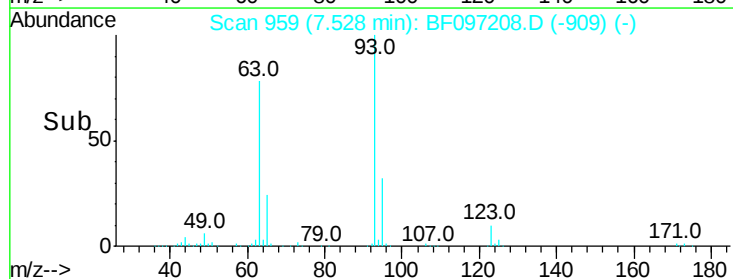
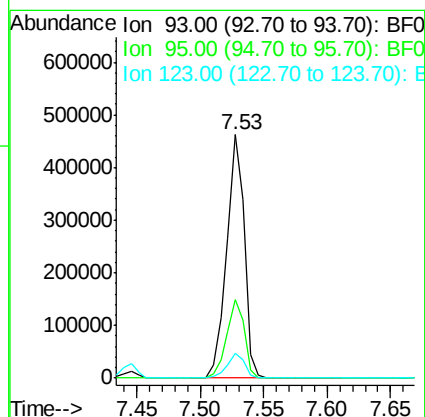
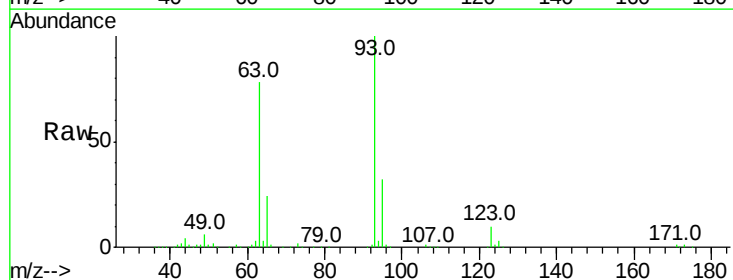
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

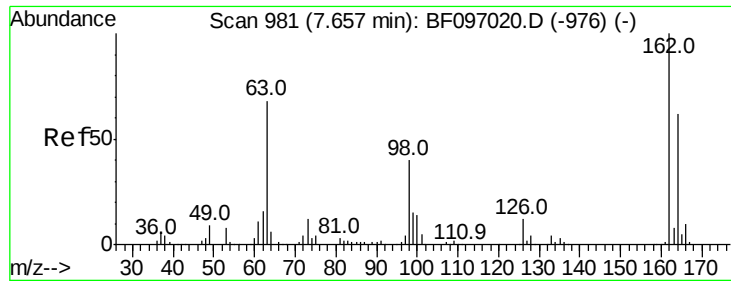
Tot Ion:122 Resp: 278240
 Ion Ratio Lower Upper
 122 100
 107 108.3 89.2 133.8
 121 58.3 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.075 ng
 RT: 7.53 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion: 93 Resp: 445467
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.5 39.7
 123 10.1 9.0 13.4

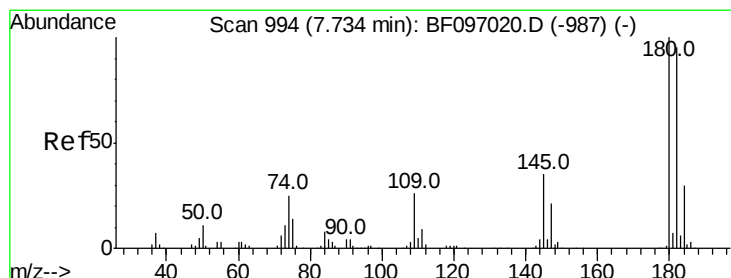
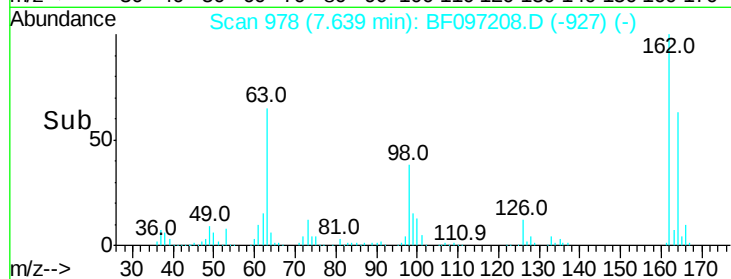
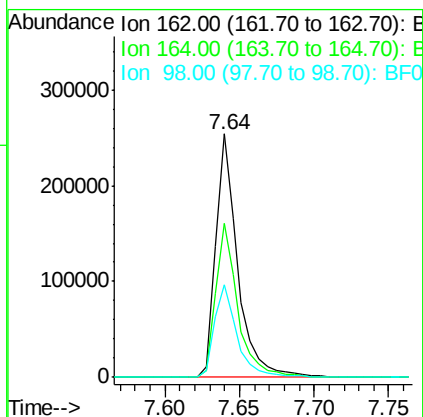
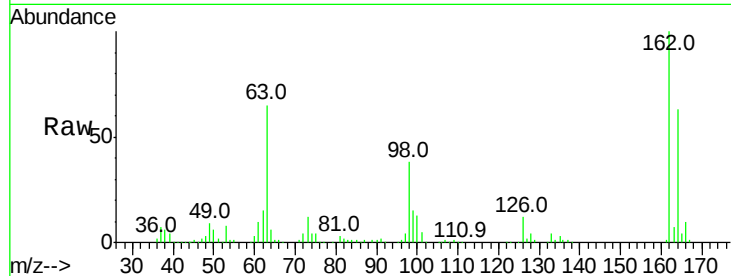




#29
 2,4-Dichlorophenol
 Concen: 37.462 ng
 RT: 7.64 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

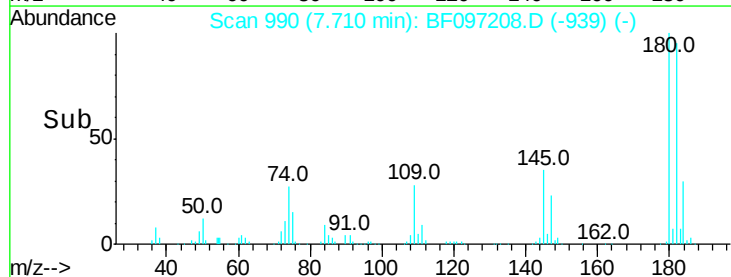
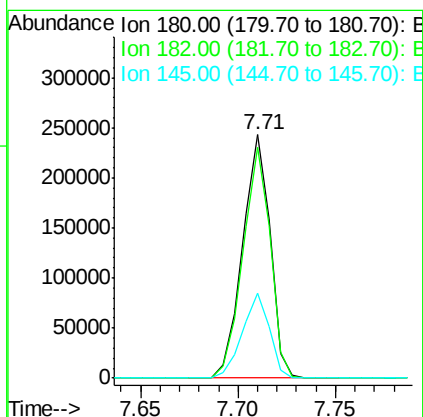
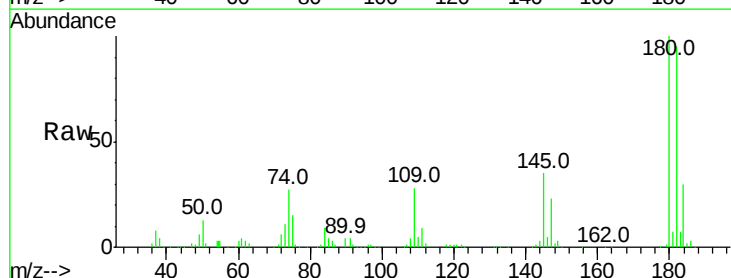
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

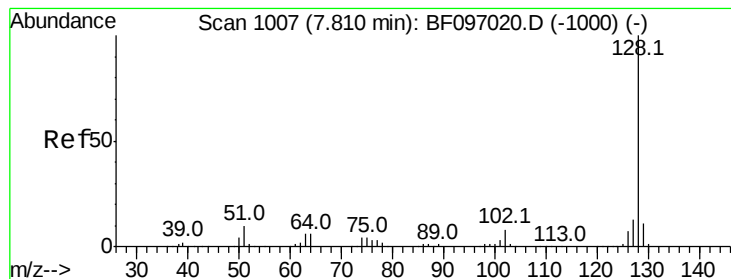
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.6	84.6
98	38.2	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 35.737 ng
 RT: 7.71 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.6
145	35.0	25.3	37.9





#31

Naphthalene

Concen: 35.857 ng

RT: 7.79 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASEMS

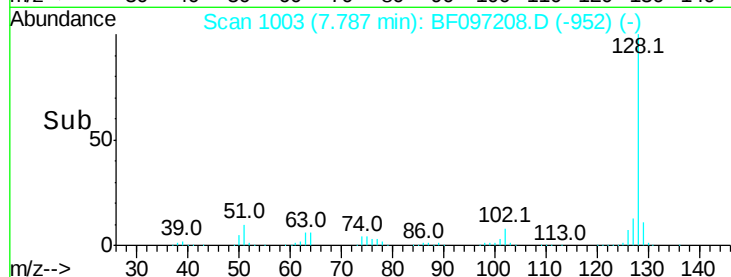
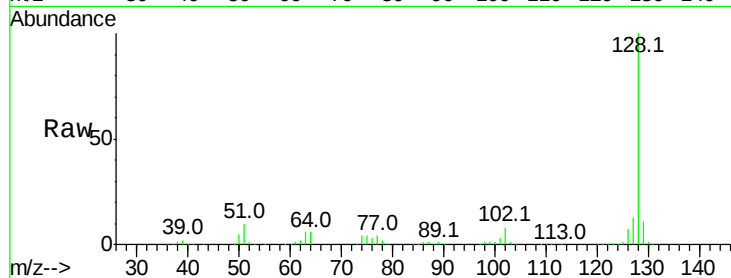
Tot Ion:128 Resp: 862464

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

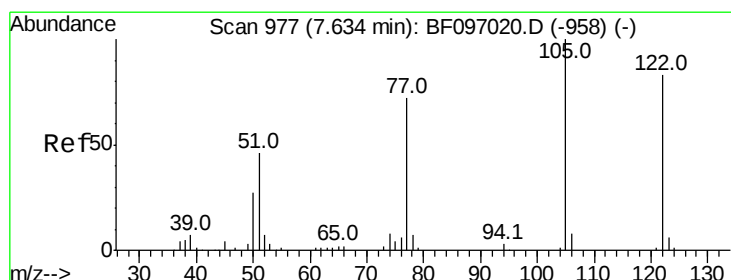
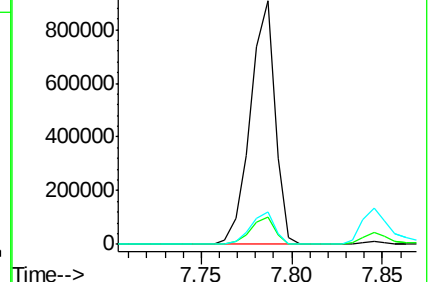
127 13.2 10.8 16.2



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: 5.618 ng

RT: 7.56 min Scan# 964

Delta R.T. -0.06 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

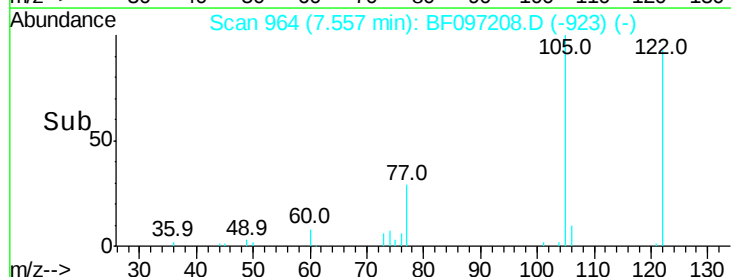
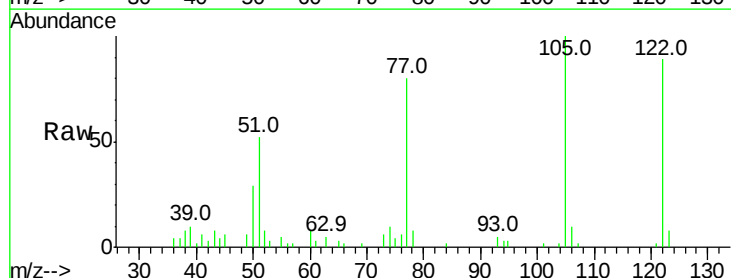
Tgt Ion:122 Resp: 33917

Ion Ratio Lower Upper

122 100

105 111.9 103.3 143.3

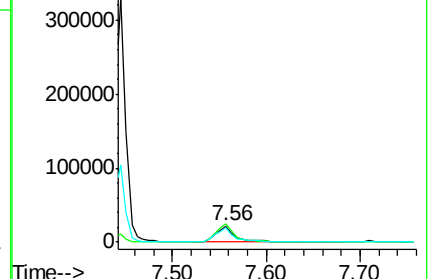
77 89.6 73.7 113.7

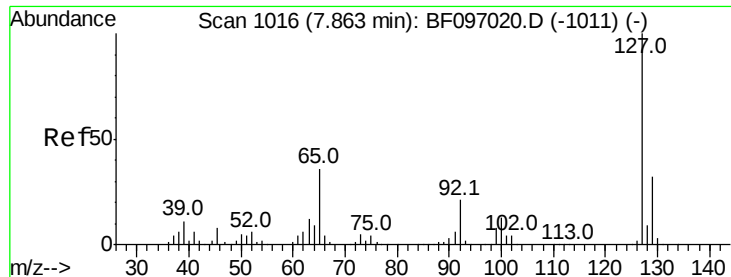


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

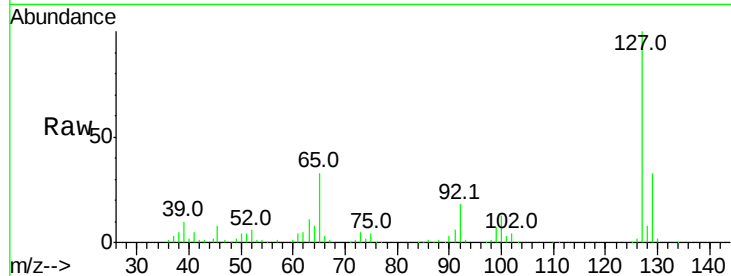




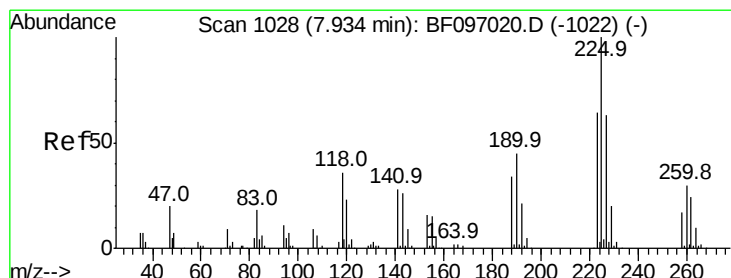
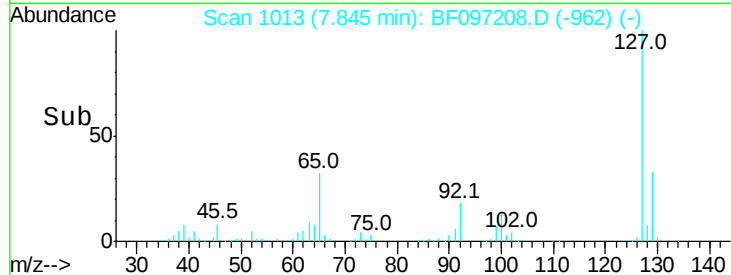
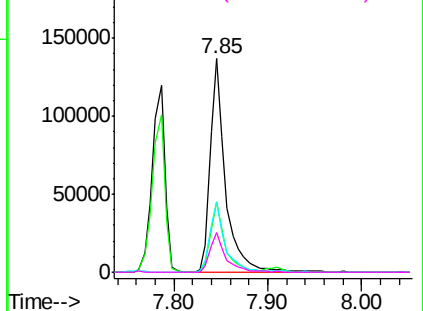
#33
4-Chloroaniline
Concen: 16.162 ng
RT: 7.85 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion:	127	Resp:	158180
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2
65	32.9	27.8	41.8
92	18.5	16.8	25.2

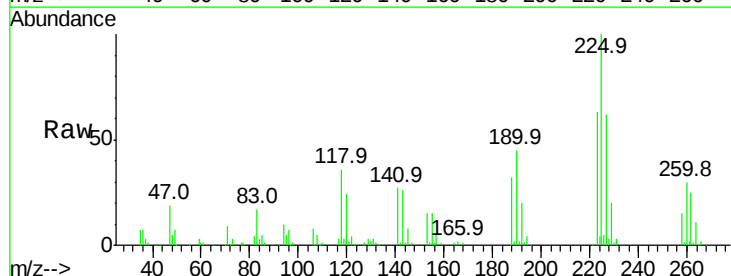


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

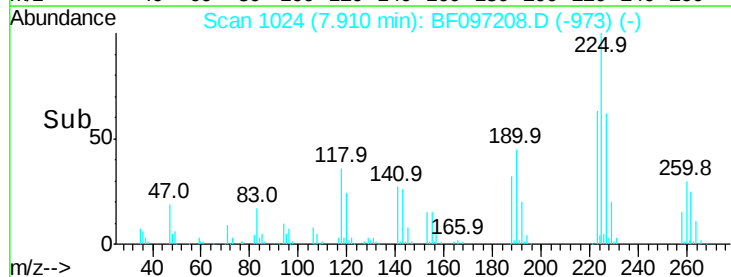
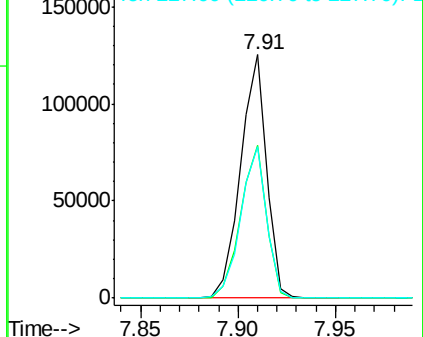


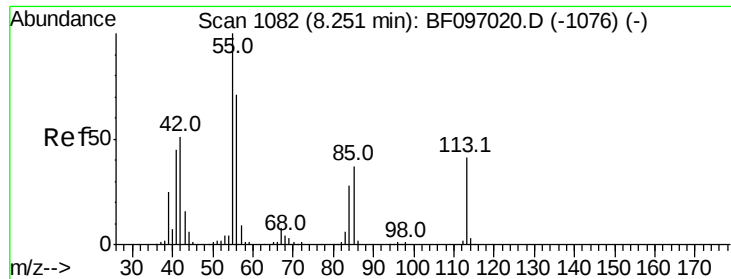
#34
Hexachlorobutadiene
Concen: 32.924 ng
RT: 7.91 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion:	225	Resp:	115872
Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.8	73.2
227	62.2	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

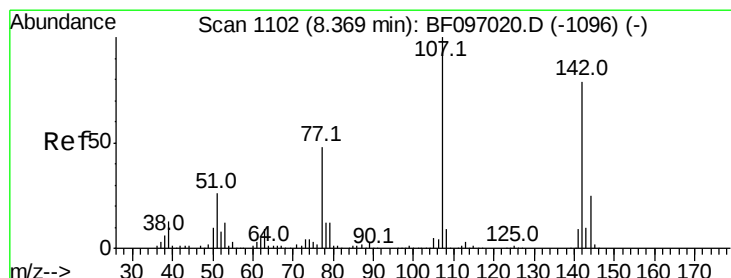
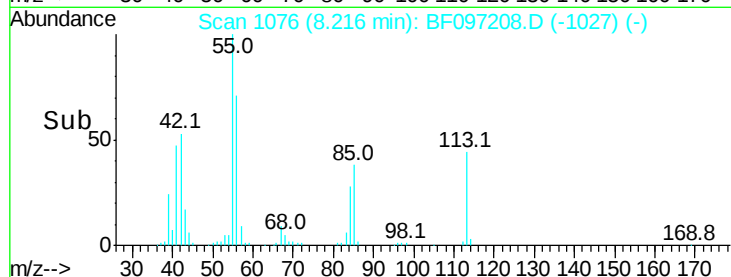
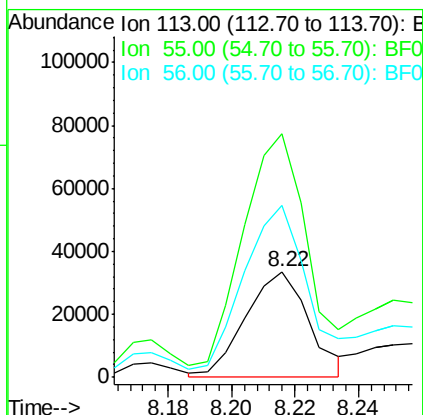
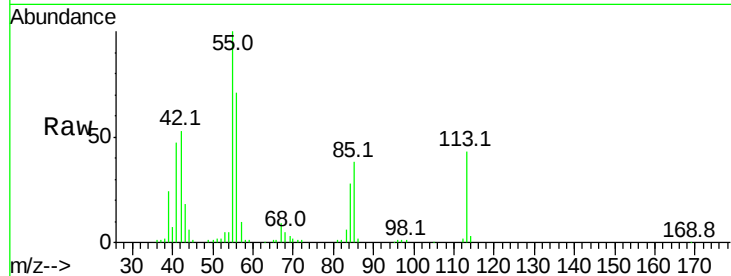




#35
 Caprolactam
 Concen: 20.752 ng
 RT: 8.22 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

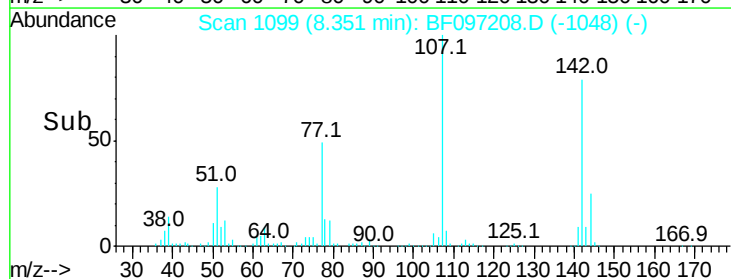
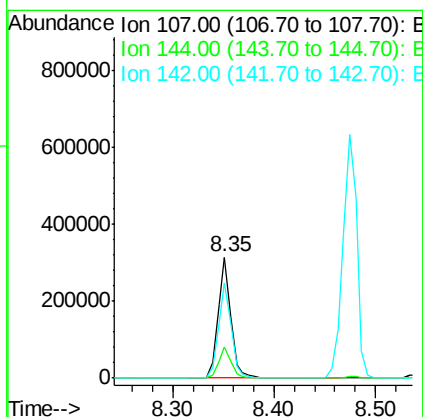
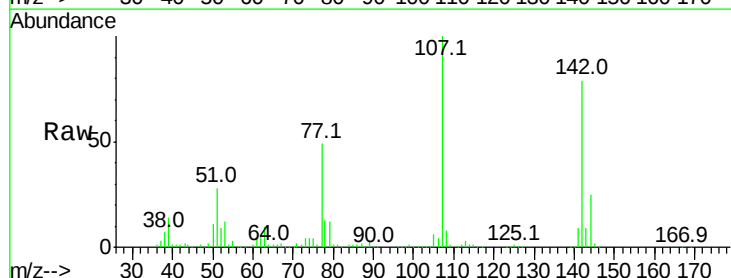
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

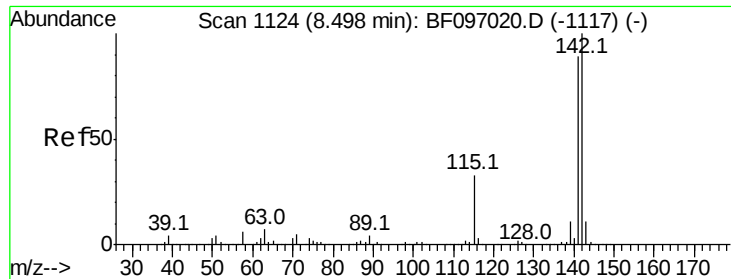
Tot Ion:113 Resp: 46345
 Ion Ratio Lower Upper
 113 100
 55 230.4 150.2 190.2#
 56 162.7 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 36.152 ng
 RT: 8.35 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion:107 Resp: 274691
 Ion Ratio Lower Upper
 107 100
 144 25.4 24.2 36.4
 142 78.9 73.4 110.0

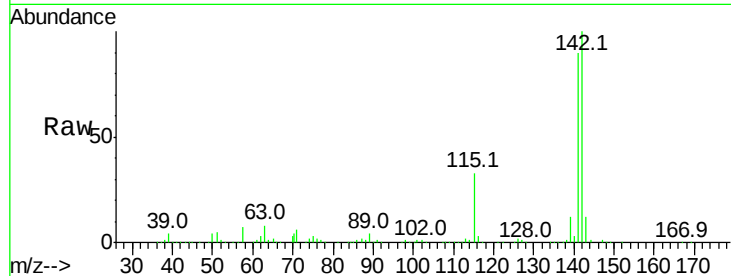




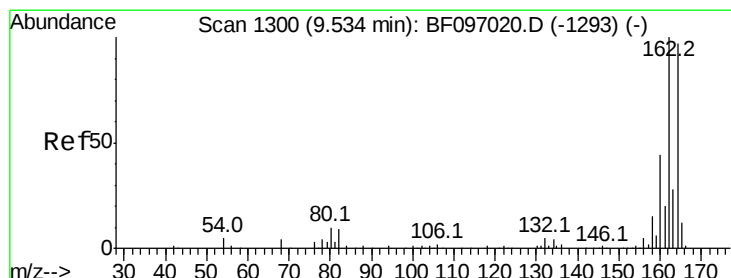
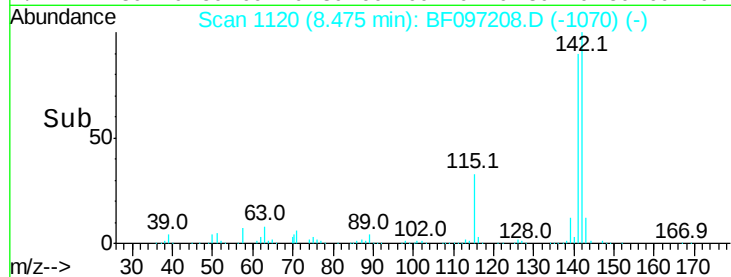
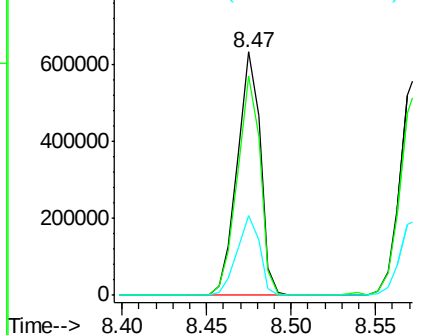
#37
 2-Methylnaphthalene
 Concen: 39.561 ng
 RT: 8.47 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Tot Ion:142 Resp: 602468
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.3 106.9
 115 33.0 27.1 40.7

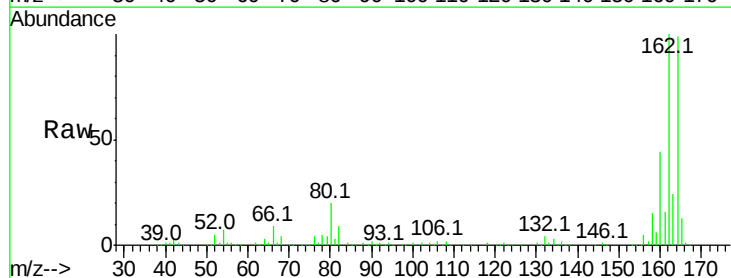


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

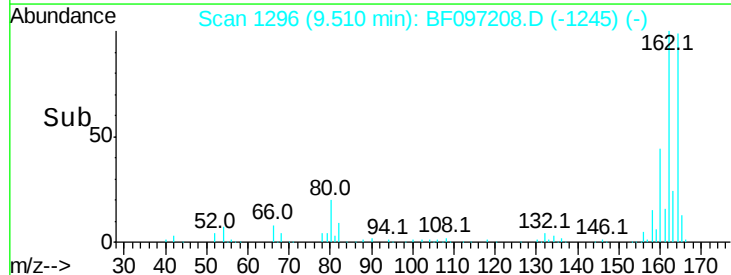
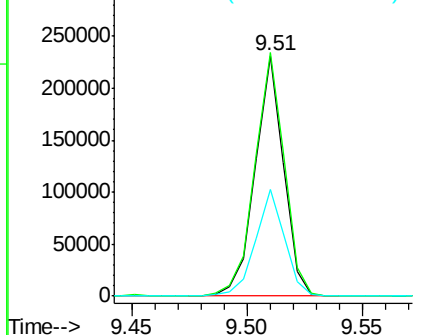


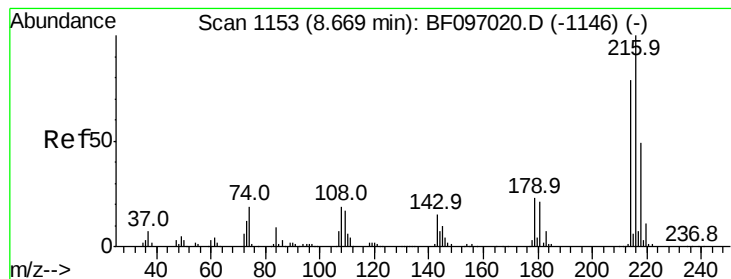
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion:164 Resp: 199231
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.6 123.8
 160 44.6 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: 39.271 ng

RT: 8.65 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASEMS

Tot Ion:216 Resp: 208767

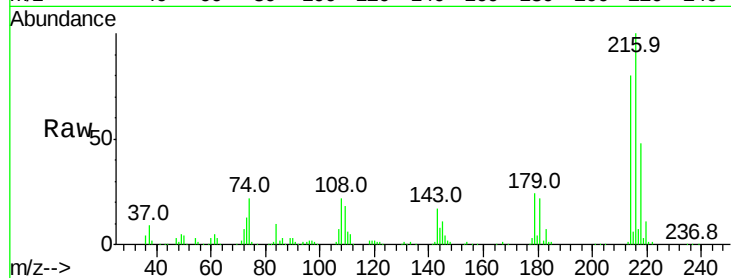
Ion Ratio Lower Upper

216 100

214 80.0 63.4 95.2

179 23.0 17.9 26.9

108 21.9 16.5 24.7

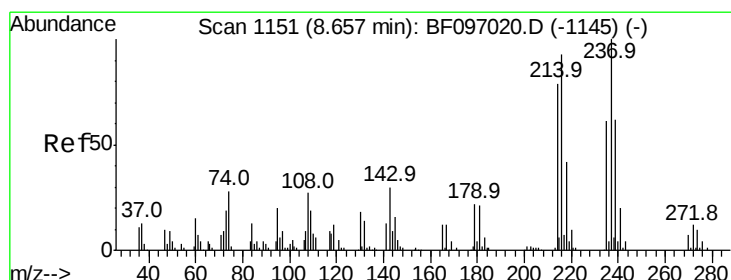
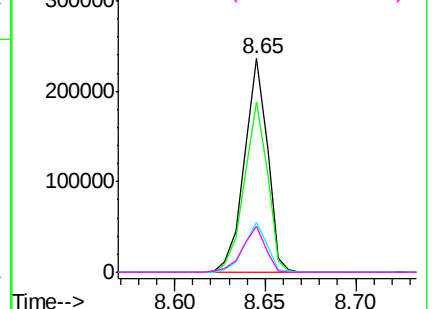
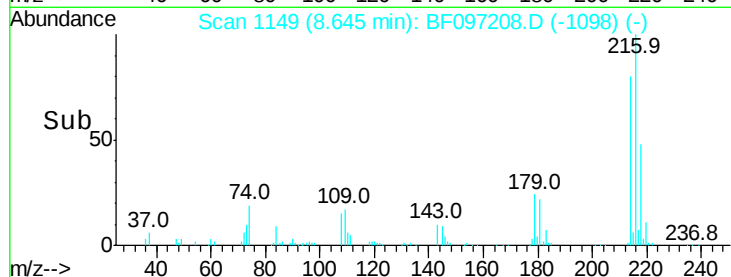


Abundance Ion 216.00 (215.70 to 216.70): E

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: 23.935 ng

RT: 8.63 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

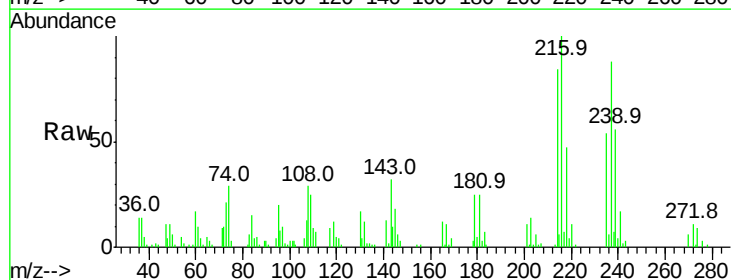
Tgt Ion:237 Resp: 35135

Ion Ratio Lower Upper

237 100

235 61.1 42.6 82.6

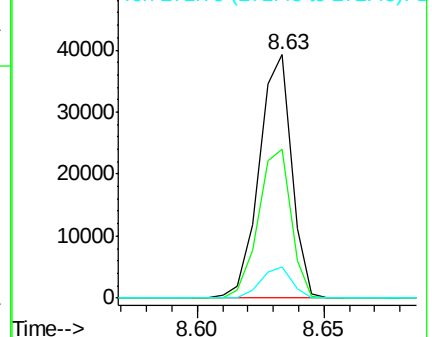
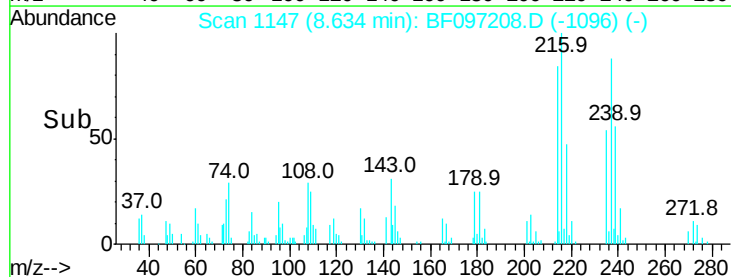
272 13.0 0.0 31.9

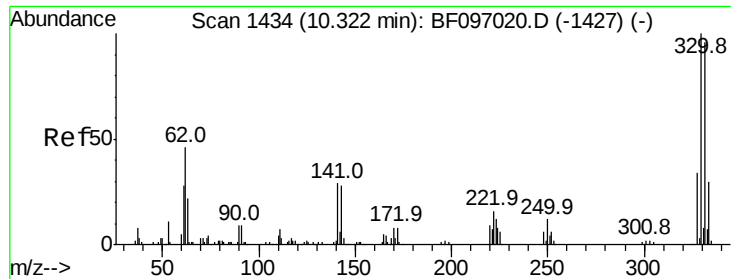


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

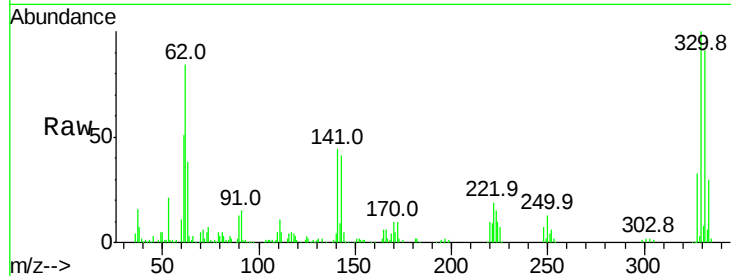




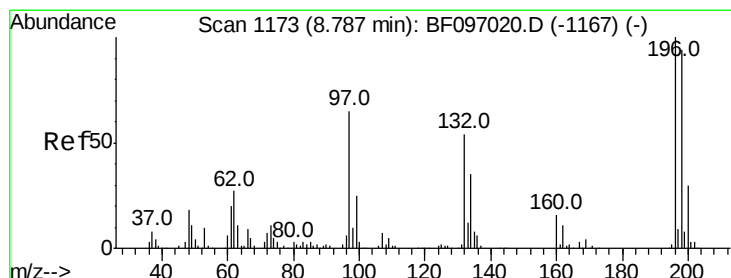
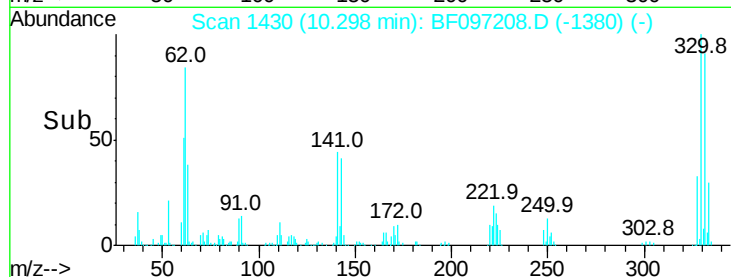
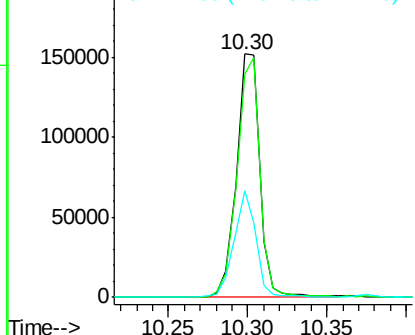
#41
 2,4,6-Tribromophenol
 Concen: 99.453 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Tot Ion:330 Resp: 156551
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 41.2 31.4 47.2

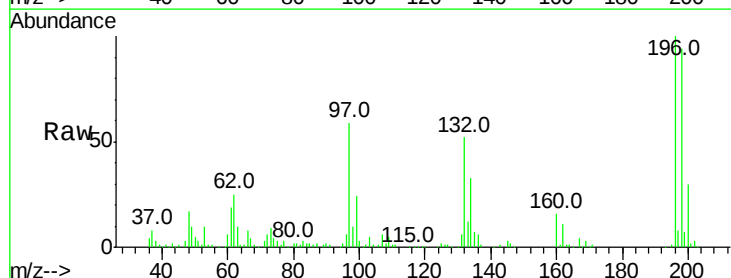


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

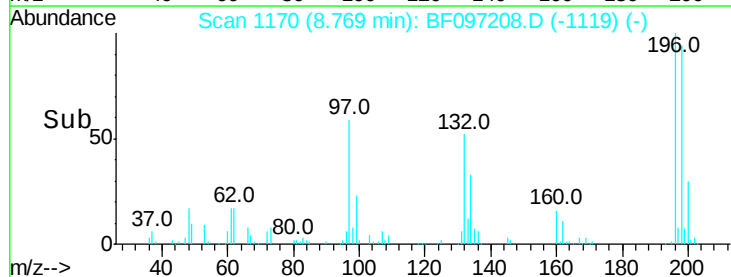
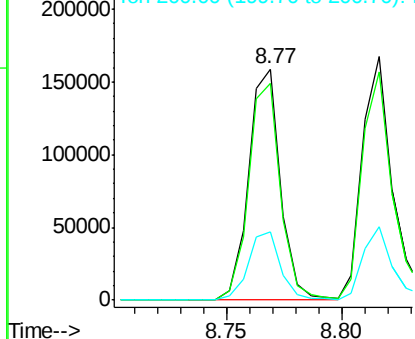


#42
 2,4,6-Trichlorophenol
 Concen: 39.809 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion:196 Resp: 153359
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.2 111.4
 200 29.7 24.0 36.0



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

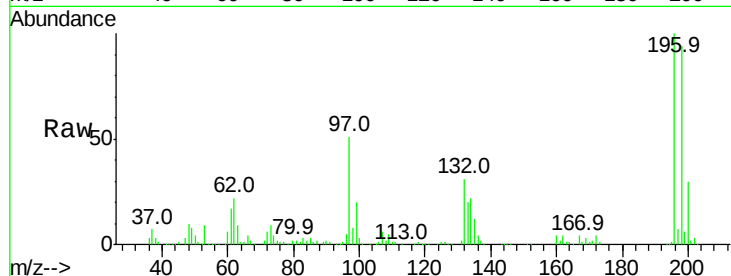




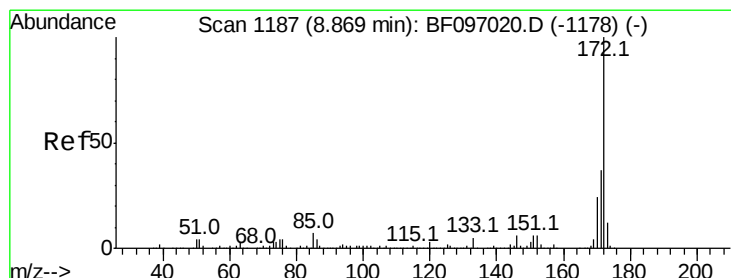
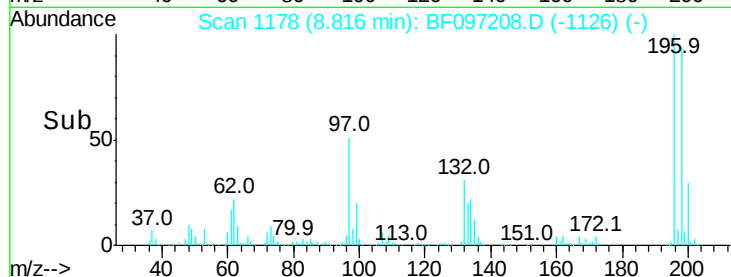
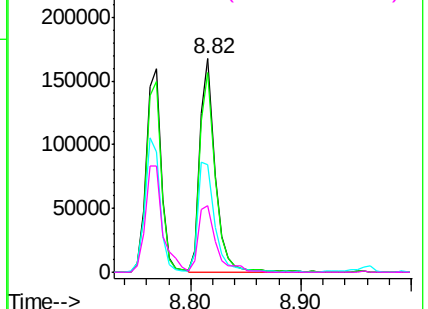
#43
 2,4,5-Trichlorophenol
 Concen: 40.684 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Tot Ion:196 Resp: 156872
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.7 113.5
 97 50.7 47.7 71.5
 132 31.4 28.0 42.0

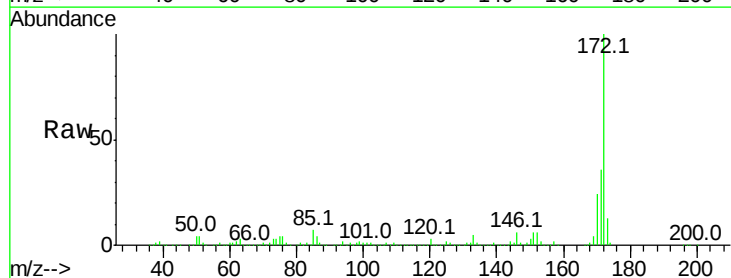


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

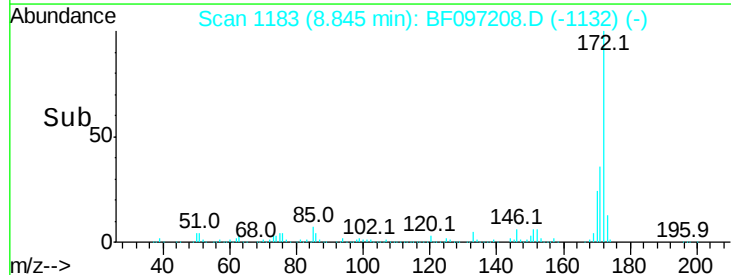
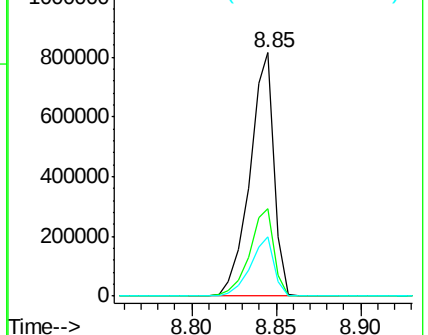


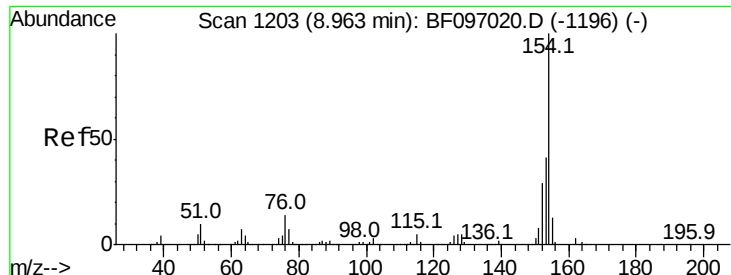
#44
 2-Fluorobiphenyl
 Concen: 69.401 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion:172 Resp: 814732
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.2 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

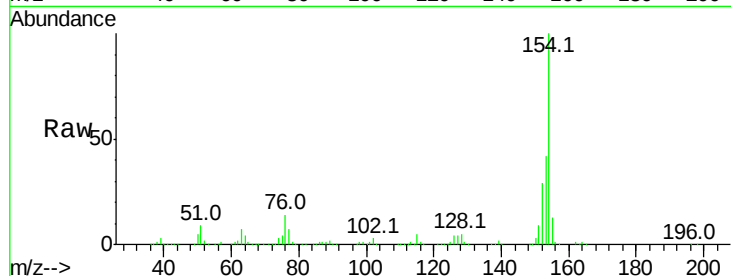




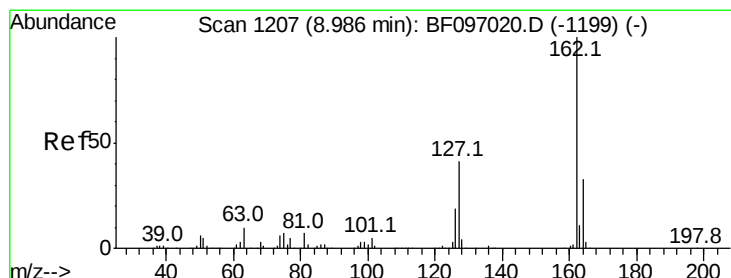
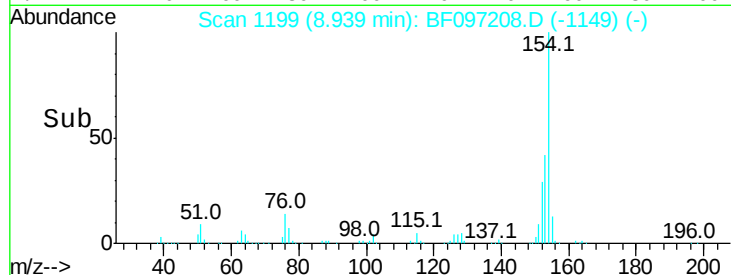
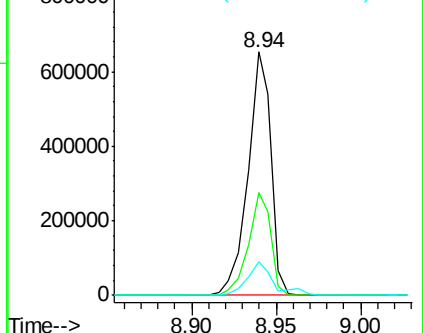
#45
 1,1'-Biphenyl
 Concen: 36.468 ng
 RT: 8.94 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Tot Ion:154 Resp: 620580
 Ion Ratio Lower Upper
 154 100
 153 42.0 21.2 61.2
 76 13.6 0.0 29.9

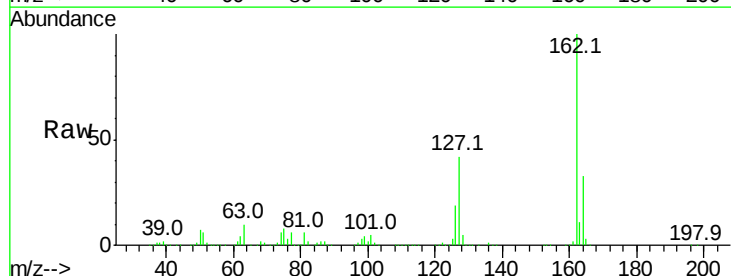


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

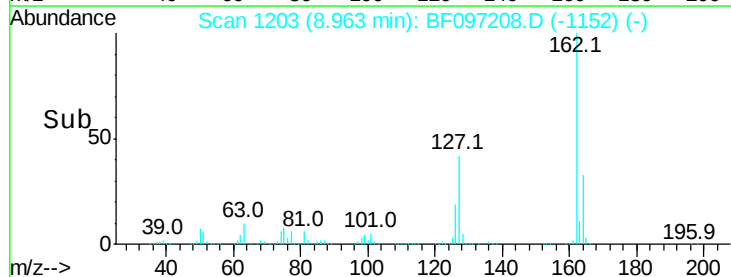
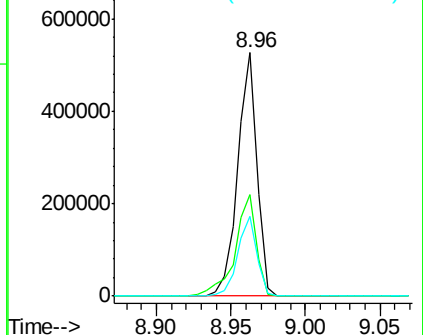


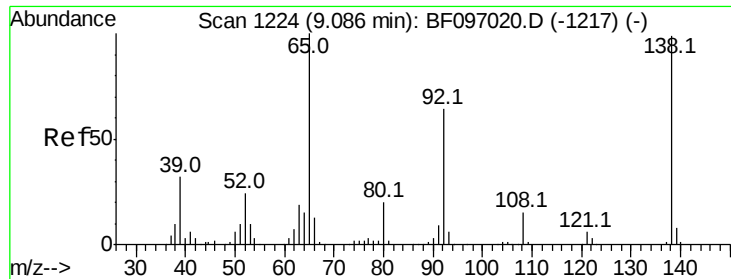
#46
 2-Chloronaphthalene
 Concen: 38.008 ng
 RT: 8.96 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion:162 Resp: 475961
 Ion Ratio Lower Upper
 162 100
 127 41.7 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

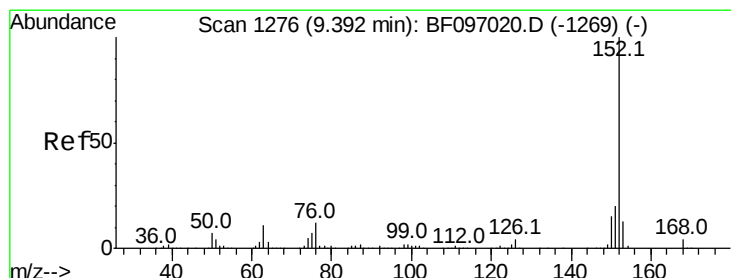
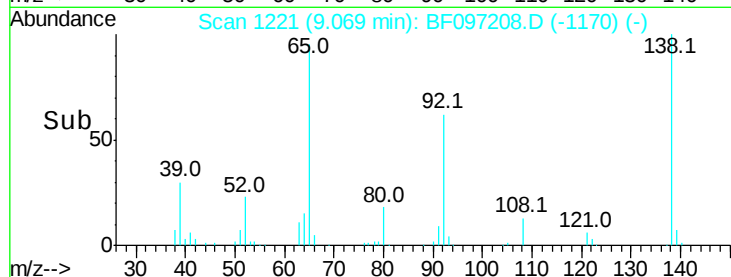
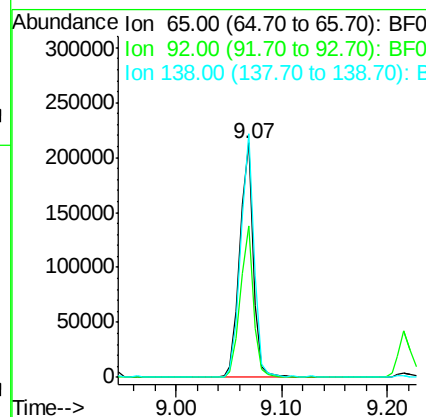
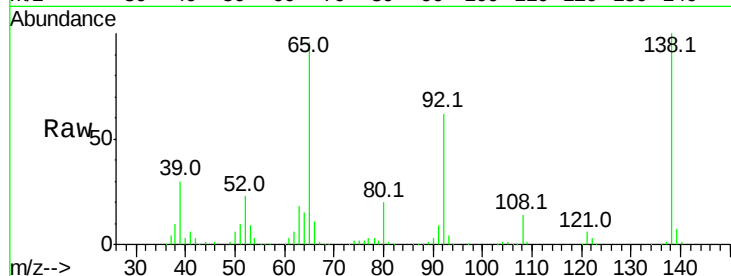




#47
 2-Nitroaniline
 Concen: 41.270 ng
 RT: 9.07 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

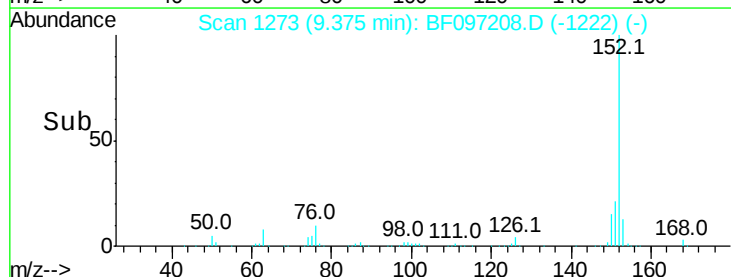
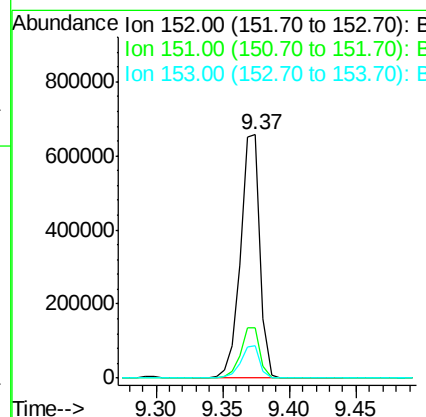
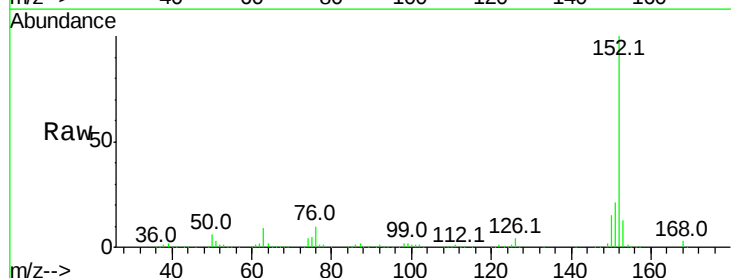
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

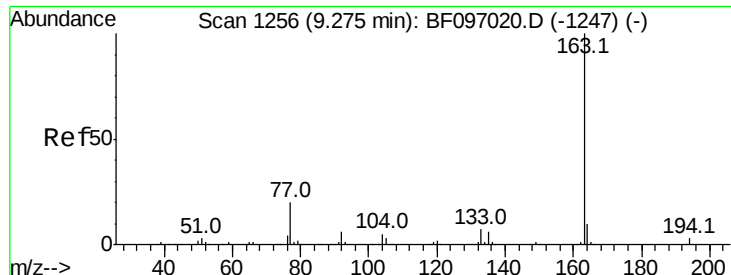
Tot Ion: 65 Resp: 187557
 Ion Ratio Lower Upper
 65 100
 92 64.4 53.9 80.9
 138 103.8 78.8 118.2



#48
 Acenaphthylene
 Concen: 34.859 ng
 RT: 9.37 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion: 152 Resp: 670027
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 13.4 10.8 16.2

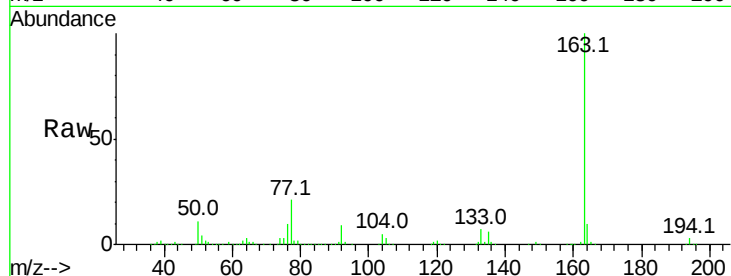




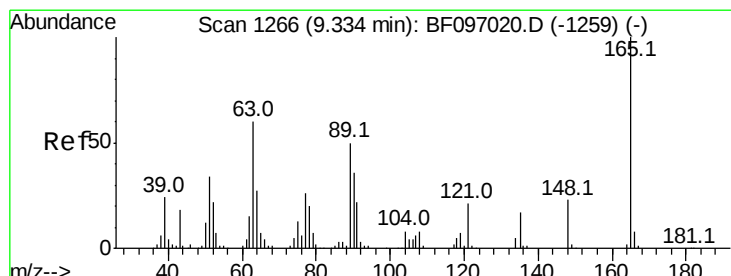
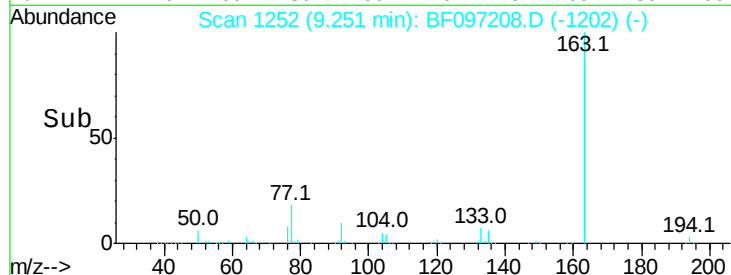
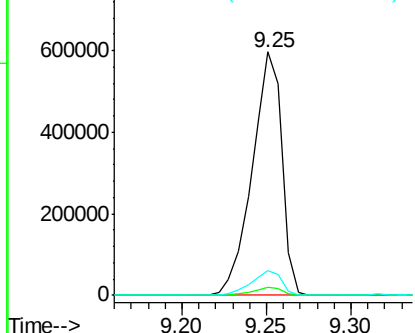
#49
Dimethylphthalate
Concen: 48.191 ng
RT: 9.25 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion:163 Resp: 729093
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.0 8.4 12.6

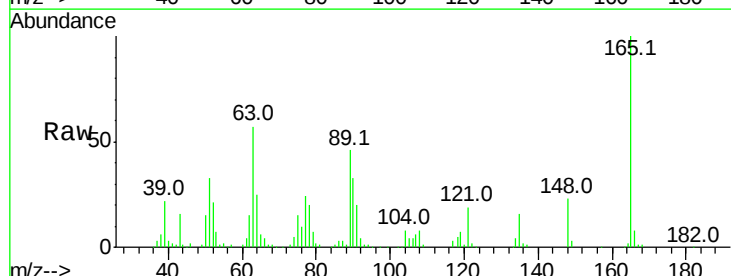


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

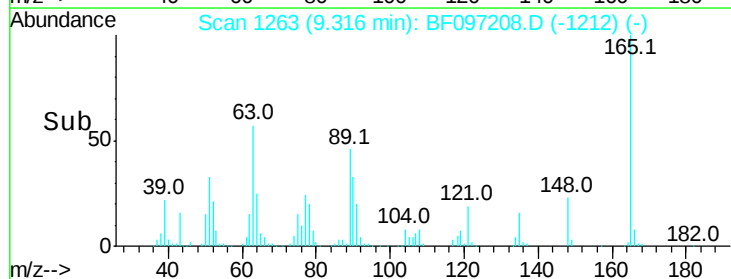
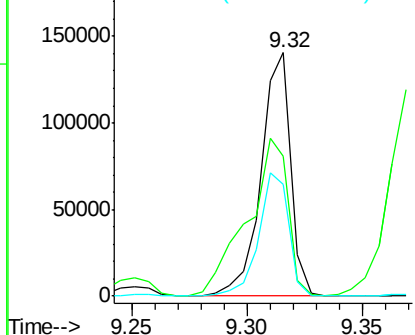


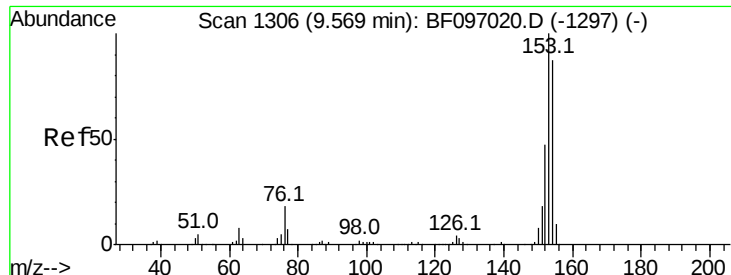
#50
2,6-Dinitrotoluene
Concen: 39.228 ng
RT: 9.32 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion:165 Resp: 125874
Ion Ratio Lower Upper
165 100
63 57.2 34.3 51.5#
89 45.8 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: 36.130 ng

RT: 9.55 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASEMS

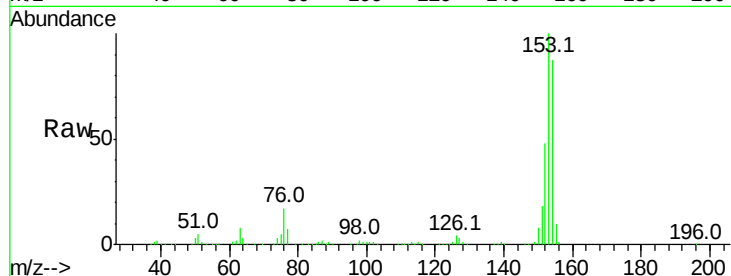
Tot Ion:154 Resp: 409061

Ion Ratio Lower Upper

154 100

153 114.9 90.5 135.7

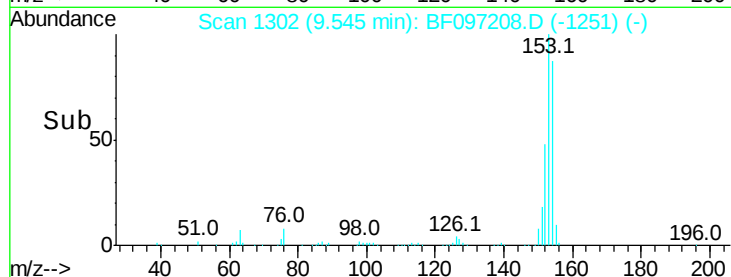
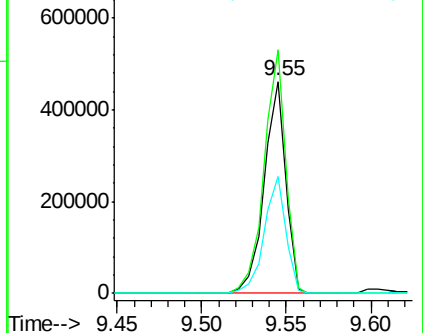
152 54.9 43.6 65.4



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: 24.109 ng

RT: 9.48 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

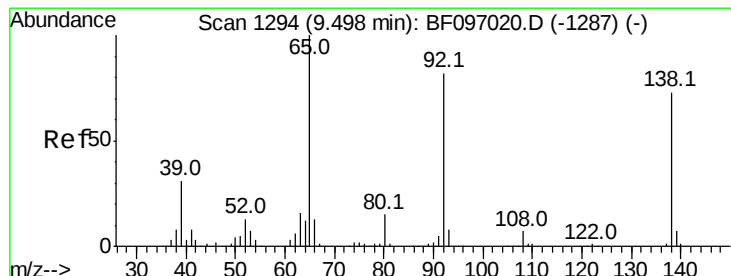
Tgt Ion:138 Resp: 96023

Ion Ratio Lower Upper

138 100

108 9.5 9.1 13.7

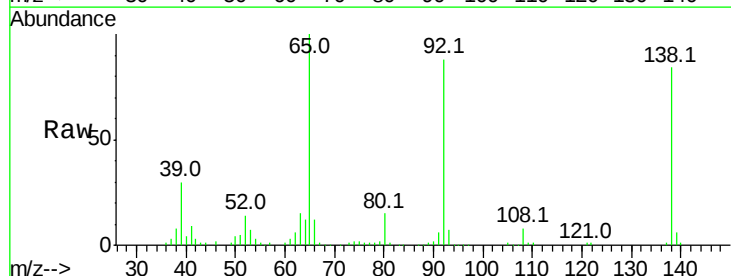
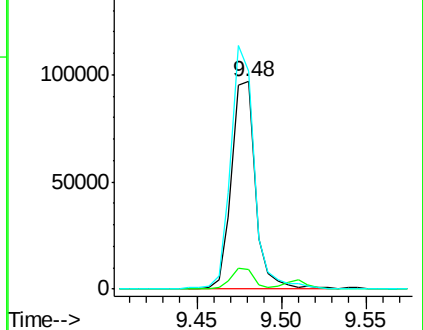
92 105.2 93.8 140.6



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

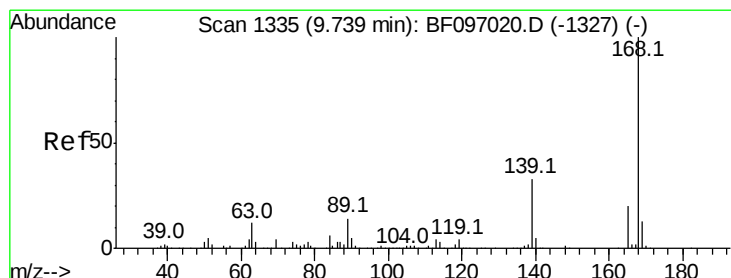
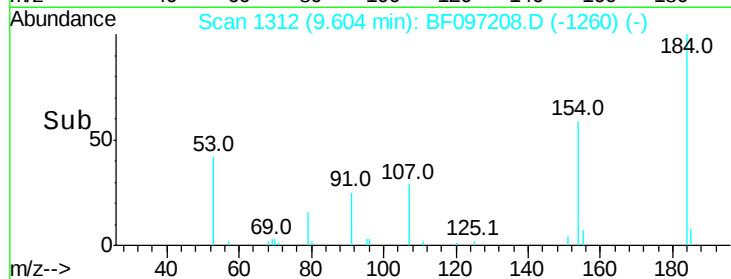
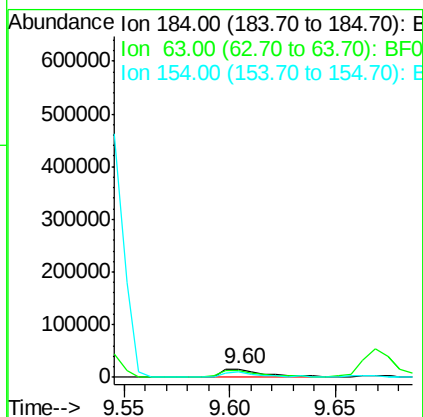
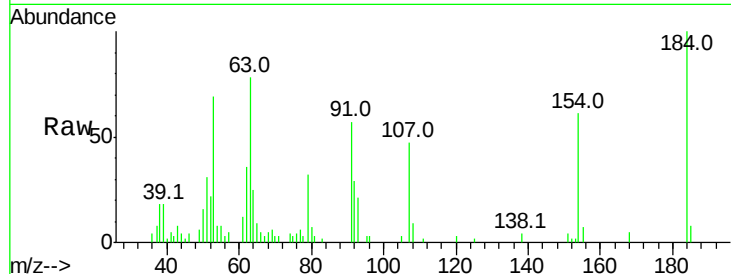




#53
 2,4-Dinitrophenol
 Concen: 15.668 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

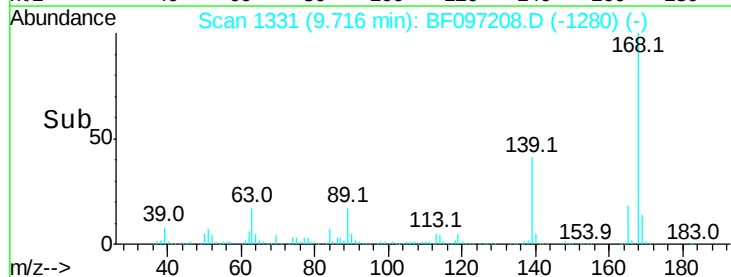
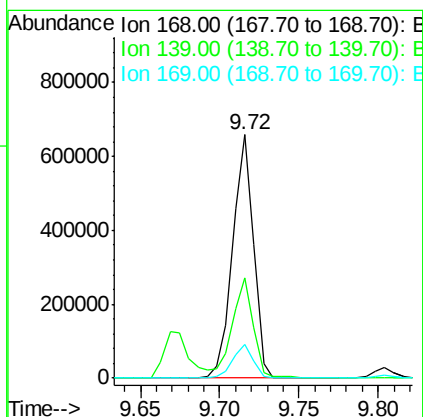
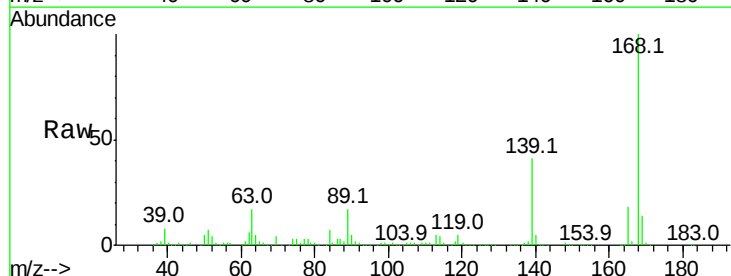
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

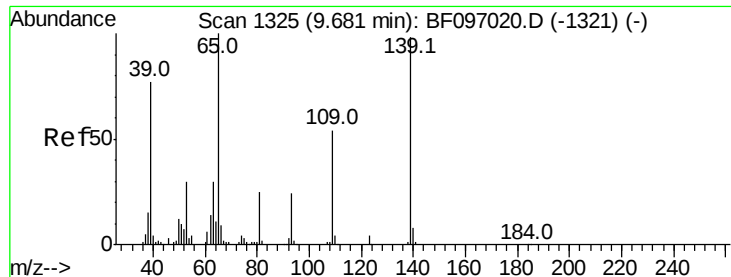
Tot Ion:184 Resp: 22859
 Ion Ratio Lower Upper
 184 100
 63 77.7 62.7 94.1
 154 61.0 81.1 121.7#



#54
 Dibenzofuran
 Concen: 39.914 ng
 RT: 9.72 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion:168 Resp: 601928
 Ion Ratio Lower Upper
 168 100
 139 41.0 30.6 45.8
 169 13.7 10.8 16.2





#55

4-Nitrophenol

Concen: 59.181 ng

RT: 9.67 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASEMS

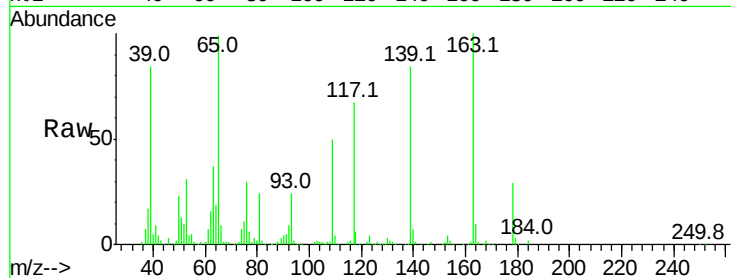
Tot Ion:139 Resp: 140176

Ion Ratio Lower Upper

139 100

109 60.0 34.1 74.1

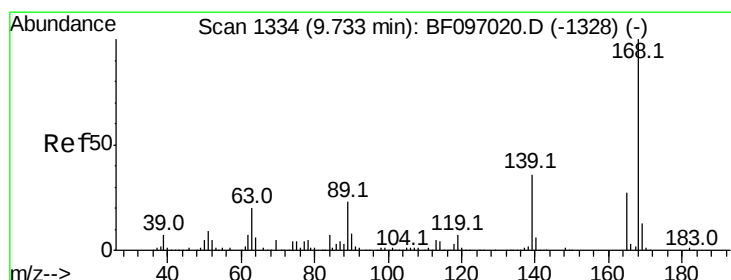
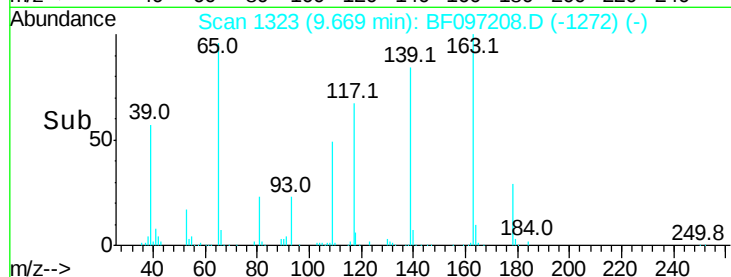
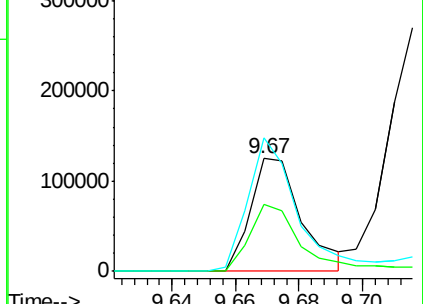
65 118.2 31.4 71.4#



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: 38.862 ng

RT: 9.72 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Tgt Ion:165 Resp: 143356

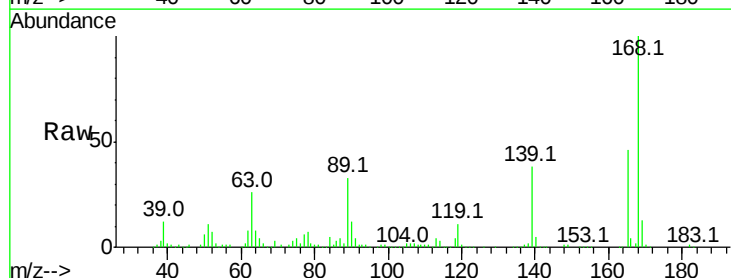
Ion Ratio Lower Upper

165 100

63 57.7 25.4 38.0#

89 71.9 46.4 69.6#

182 2.5 1.8 2.6

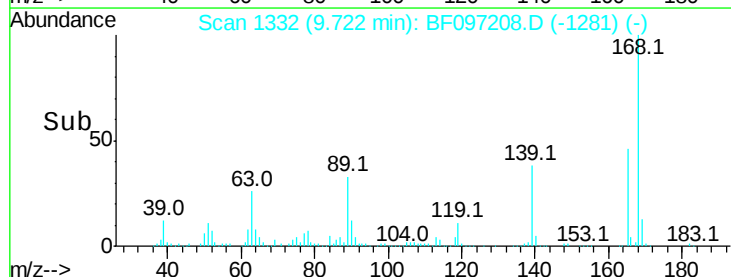
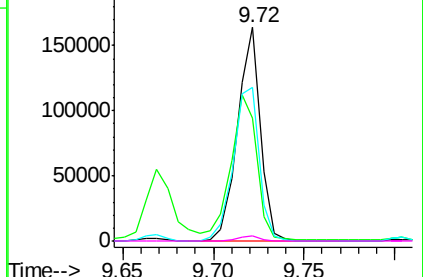


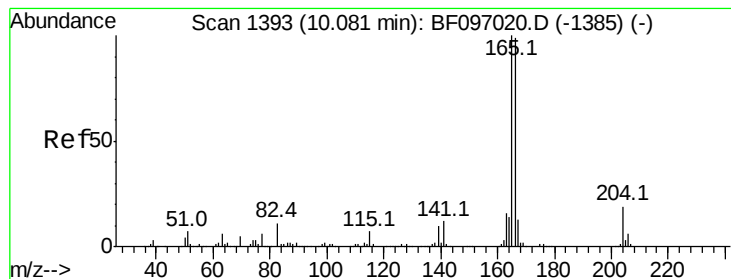
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.375 ng

RT: 10.06 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASEMS

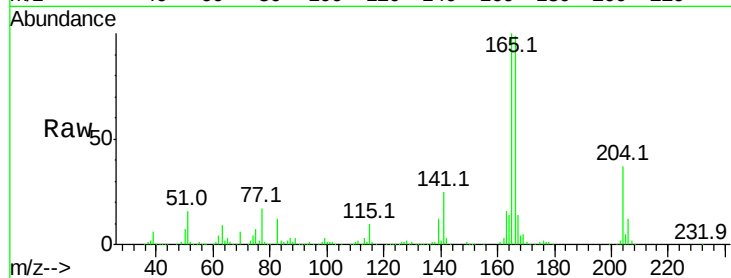
Tot Ion:166 Resp: 457632

Ion Ratio Lower Upper

166 100

165 100.6 78.8 118.2

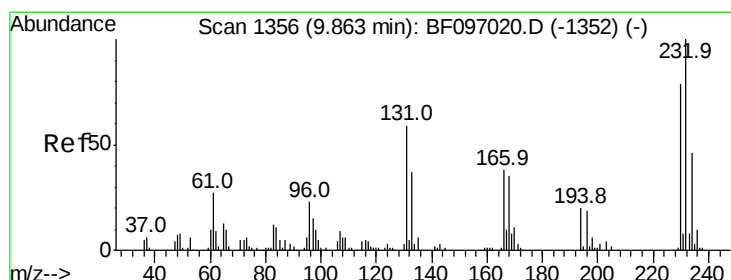
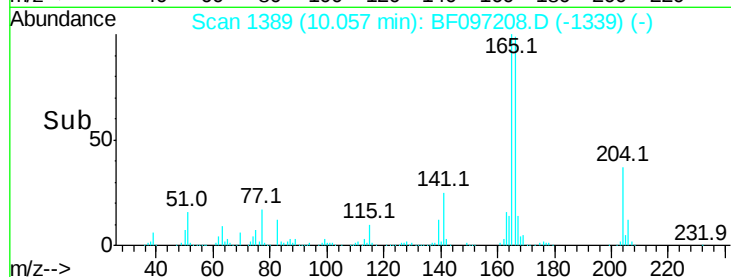
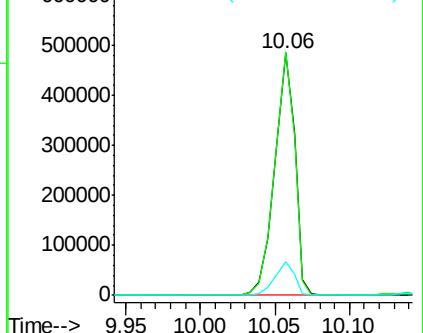
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.826 ng

RT: 9.85 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Tgt Ion:232 Resp: 106030

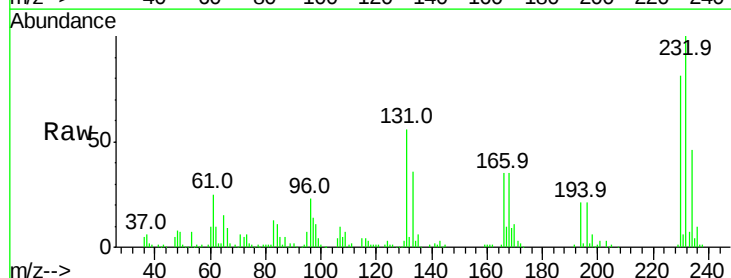
Ion Ratio Lower Upper

232 100

131 54.2 44.8 67.2

130 2.7 2.3 3.5

166 35.2 29.0 43.4

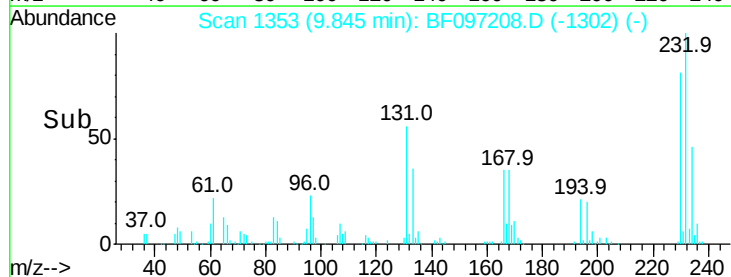
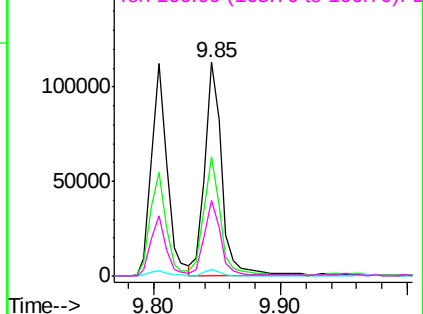


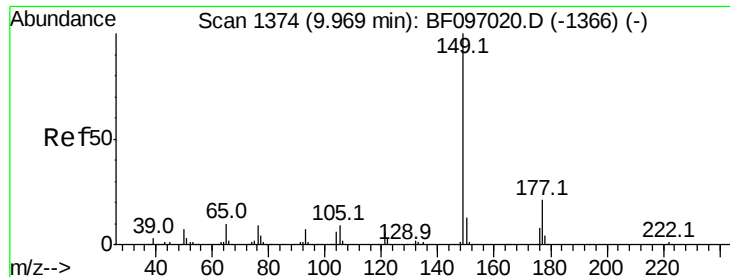
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

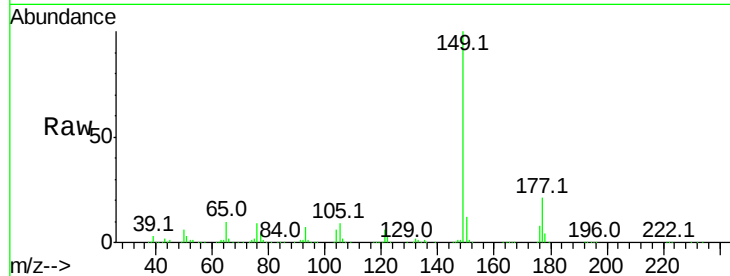




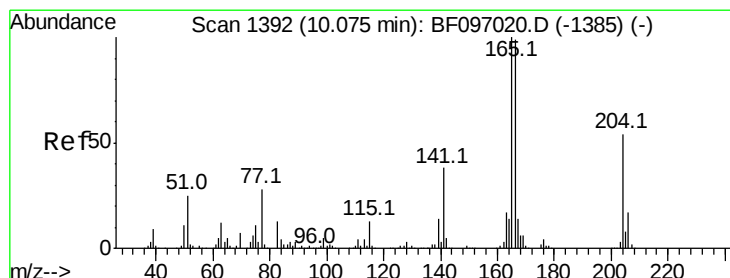
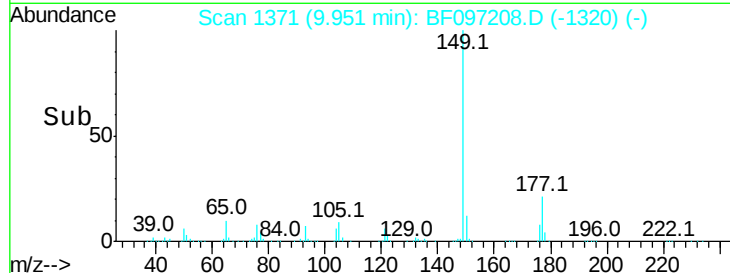
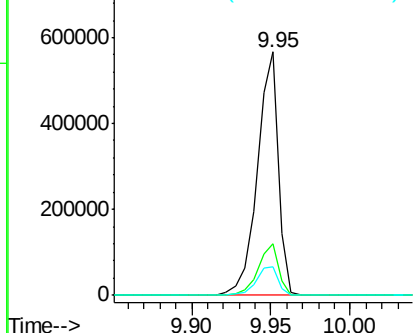
#59
Diethylphthalate
Concen: 37.669 ng
RT: 9.95 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion:149 Resp: 522847
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 11.9 10.2 15.2

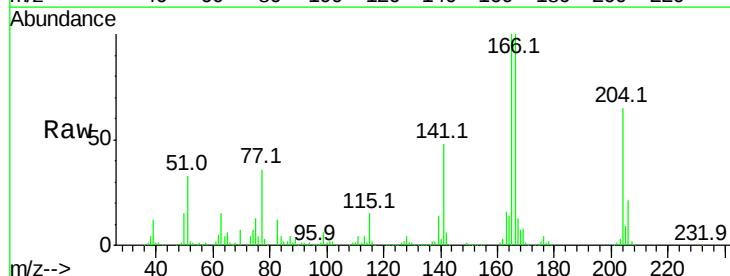


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

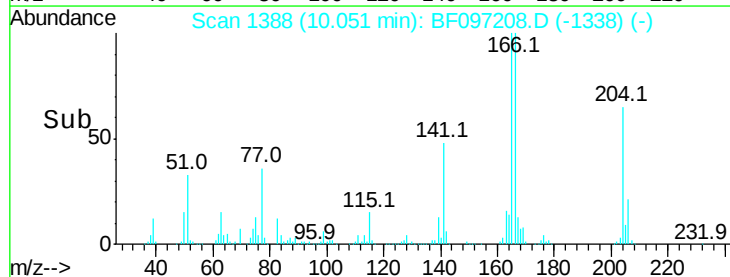
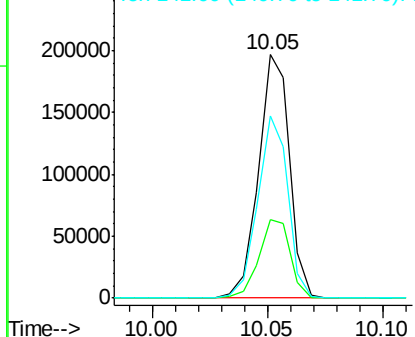


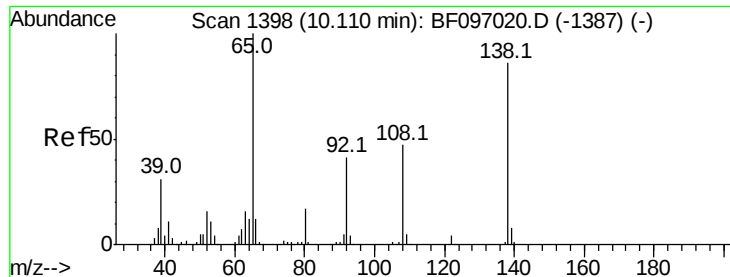
#60
4-Chlorophenyl-phenylether
Concen: 39.306 ng
RT: 10.05 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion:204 Resp: 183972
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 74.8 60.8 91.2



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

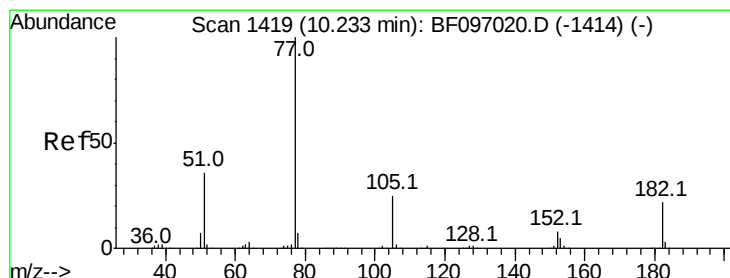
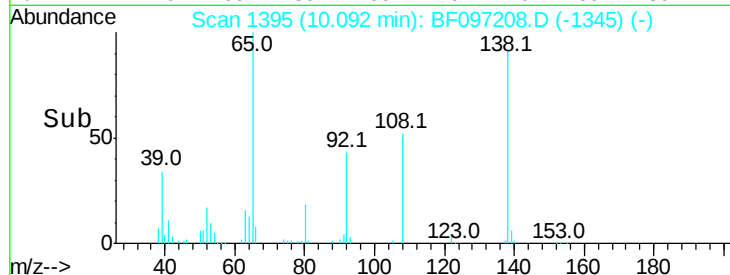
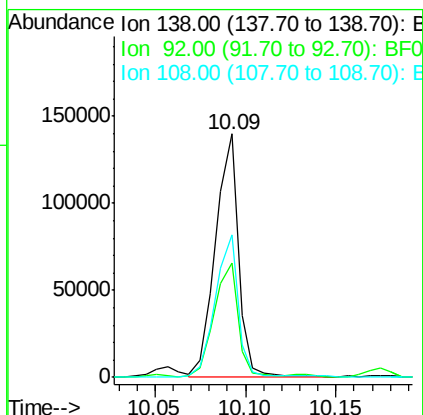
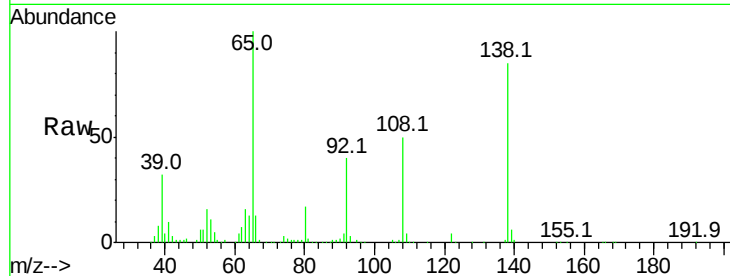




#61
4-Nitroaniline
Concen: 32.747 ng
RT: 10.09 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

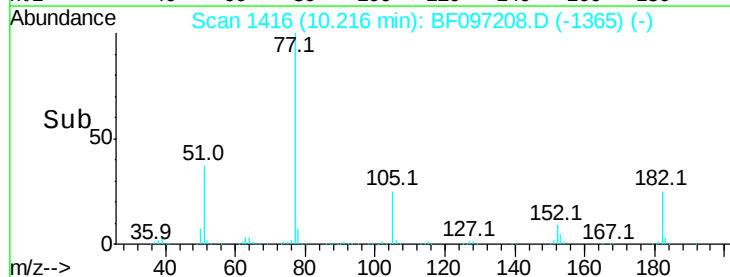
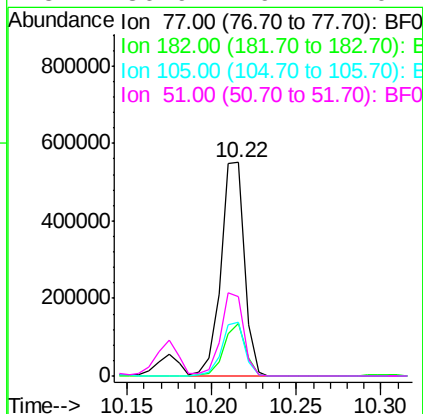
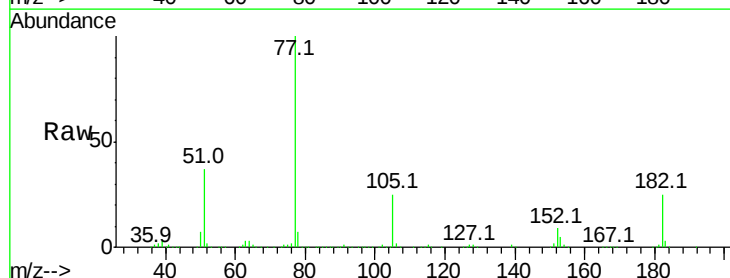
Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

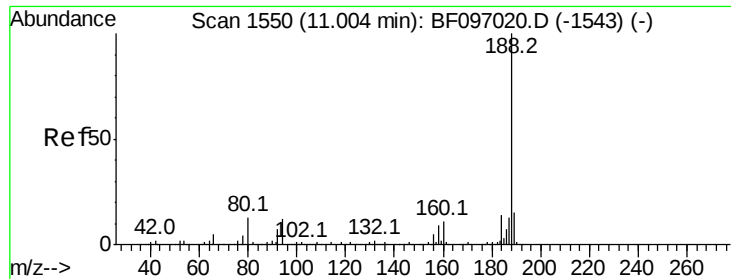
Tot Ion:138 Resp: 123933
Ion Ratio Lower Upper
138 100
92 46.8 21.8 61.8
108 58.7 42.3 82.3



#62
Azobenzene
Concen: 41.262 ng
RT: 10.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion: 77 Resp: 531302
Ion Ratio Lower Upper
77 100
182 24.7 0.1 40.1
105 25.0 3.6 43.6
51 36.9 9.4 49.4

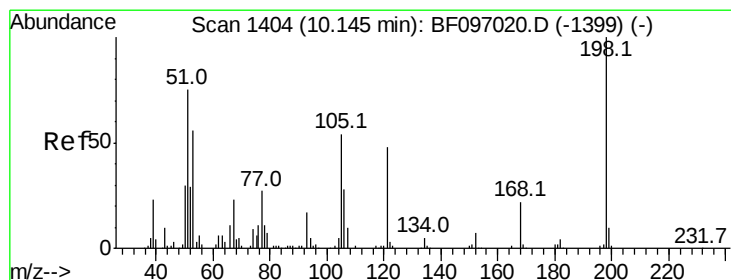
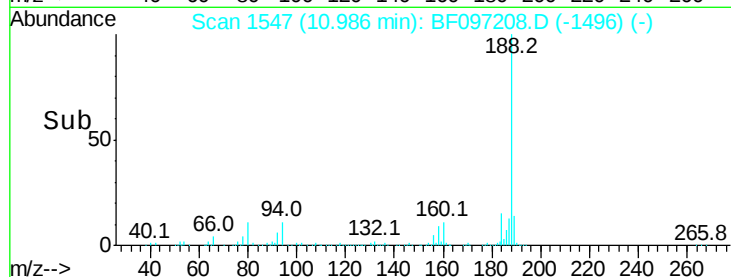
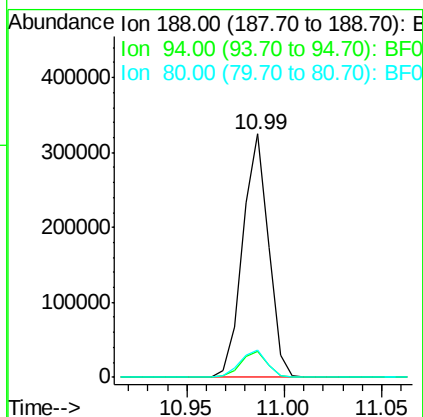
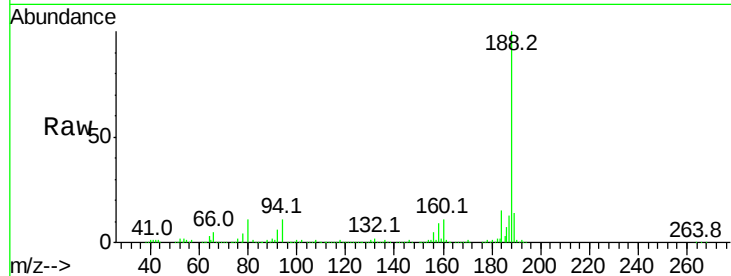




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

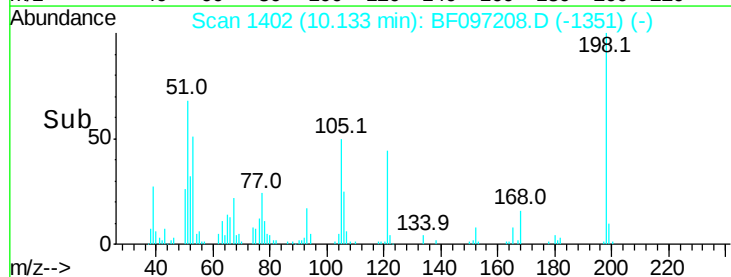
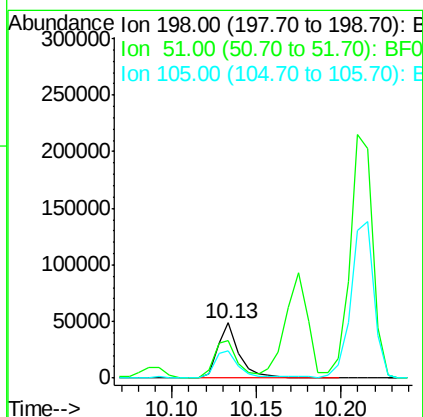
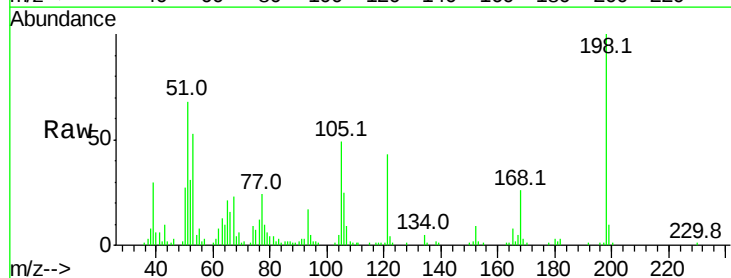
Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

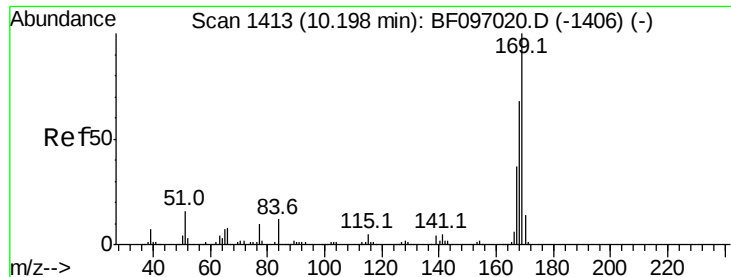
Tot Ion:188 Resp: 297605
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 23.582 ng
RT: 10.13 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion:198 Resp: 43610
Ion Ratio Lower Upper
198 100
51 68.1 53.2 93.2
105 49.3 45.8 85.8

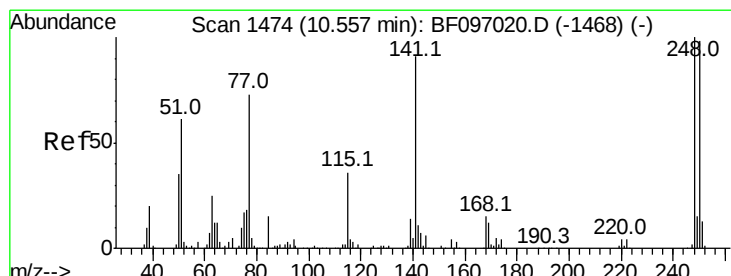
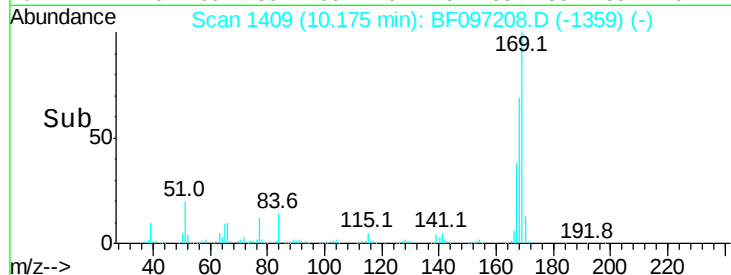
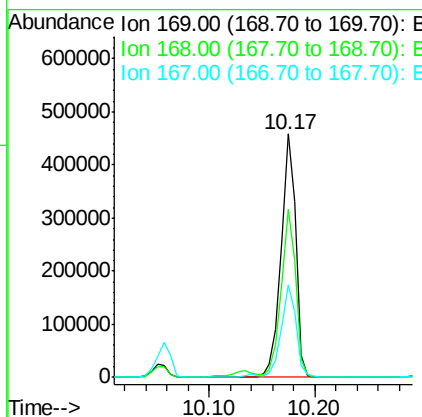
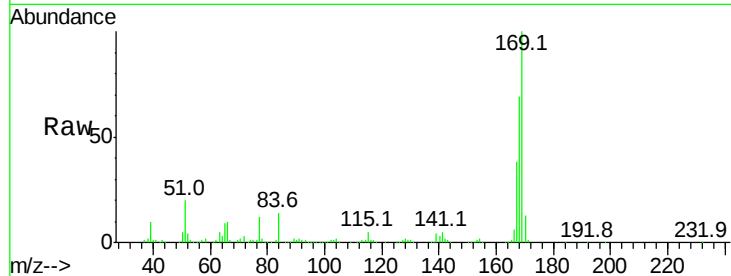




#65
n-Nitrosodiphenylamine
Concen: 41.986 ng
RT: 10.17 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

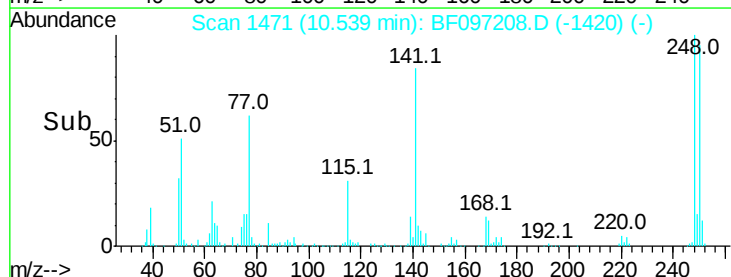
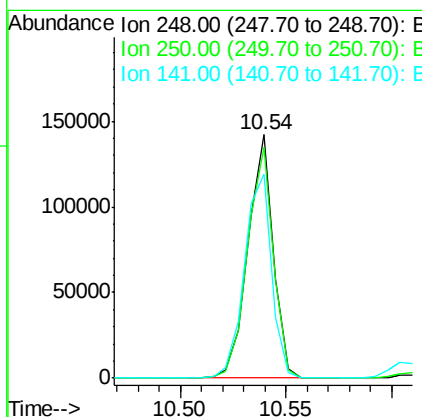
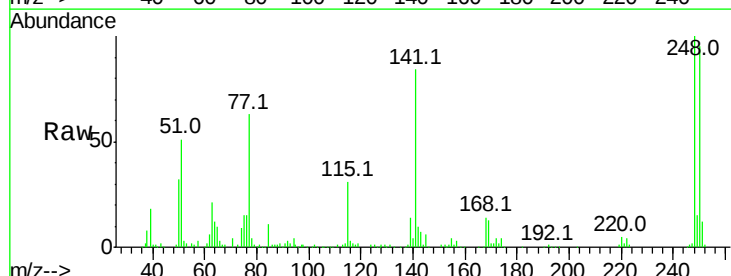
Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion:169 Resp: 434763
Ion Ratio Lower Upper
169 100
168 68.9 53.2 79.8
167 38.0 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 39.832 ng
RT: 10.54 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion:248 Resp: 118302
Ion Ratio Lower Upper
248 100
250 94.8 76.8 115.2
141 83.6 68.6 103.0

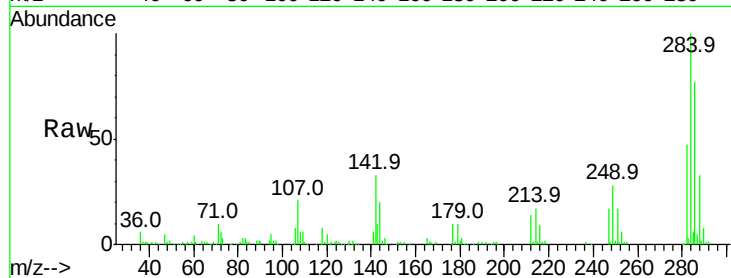




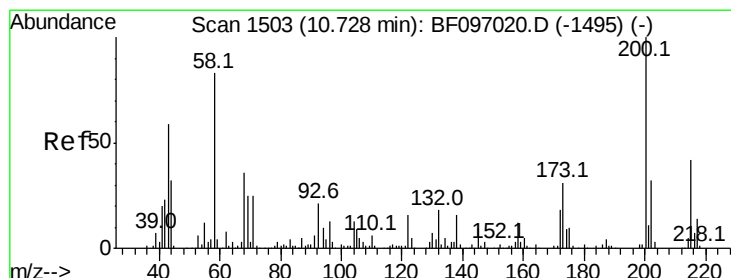
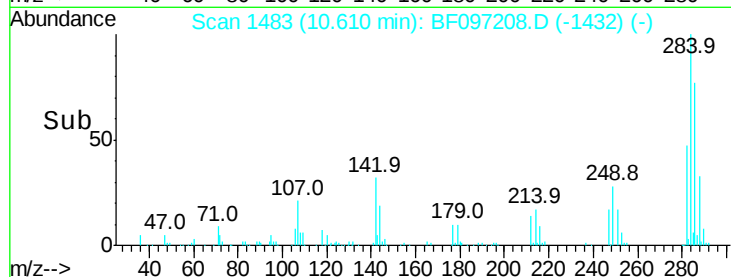
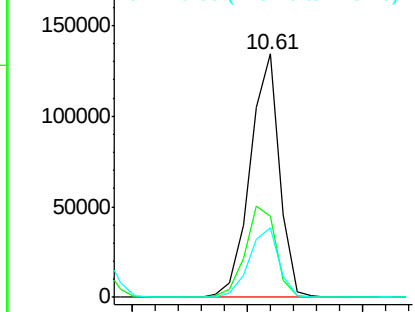
#67
Hexachlorobenzene
Concen: 35.704 ng
RT: 10.61 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion:284 Resp: 118915
Ion Ratio Lower Upper
284 100
142 33.3 22.8 34.2
249 28.3 24.0 36.0

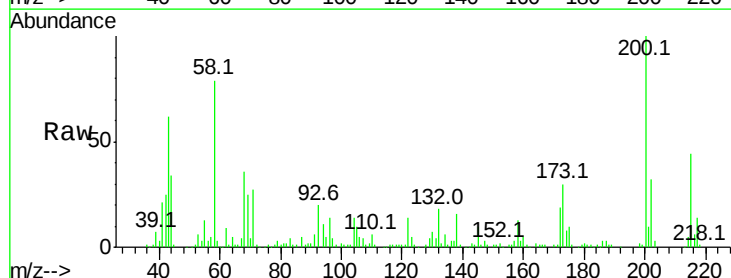


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

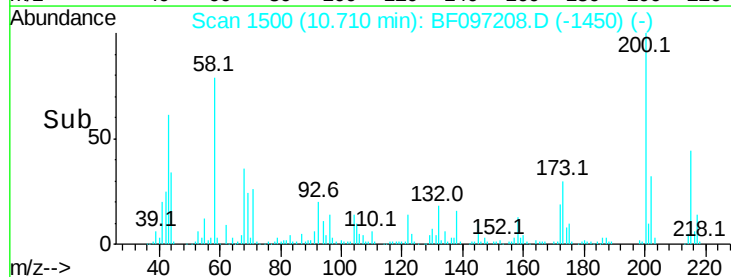
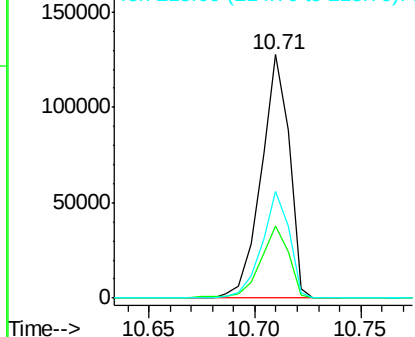


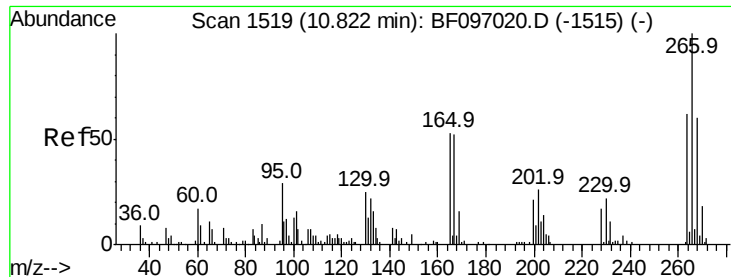
#68
Atrazine
Concen: 39.792 ng
RT: 10.71 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion:200 Resp: 118153
Ion Ratio Lower Upper
200 100
173 29.7 6.3 46.3
215 43.9 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

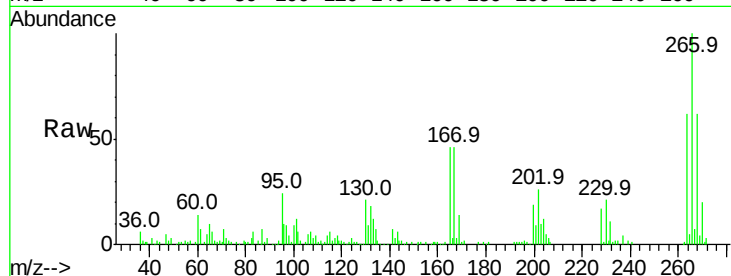




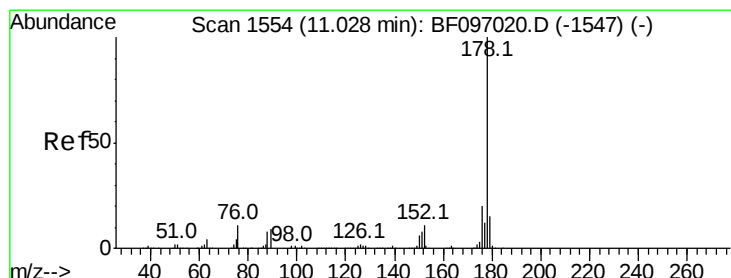
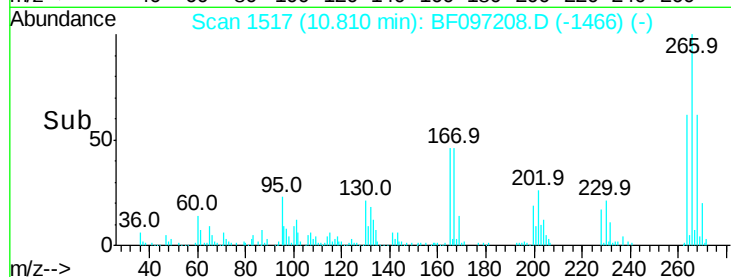
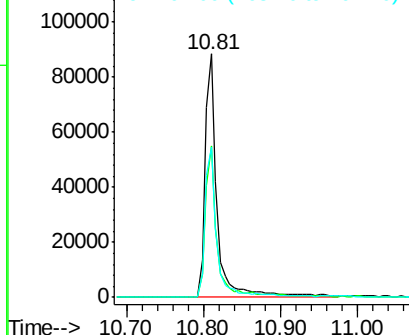
#69
 Pentachlorophenol
 Concen: 70.153 ng
 RT: 10.81 min Scan# 1517
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Tot Ion:266 Resp: 96673
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 61.8 51.7 77.5

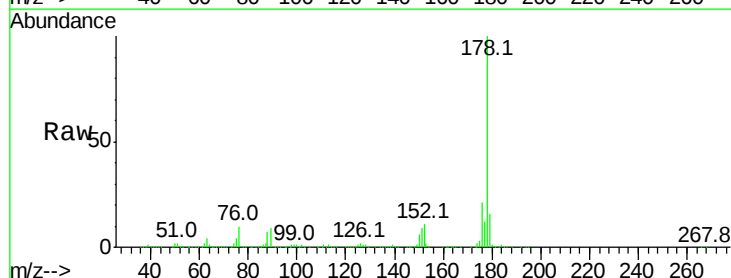


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

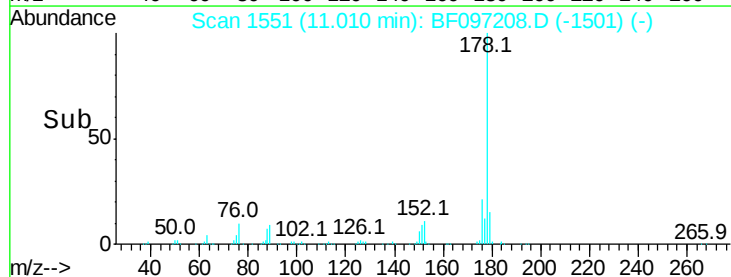
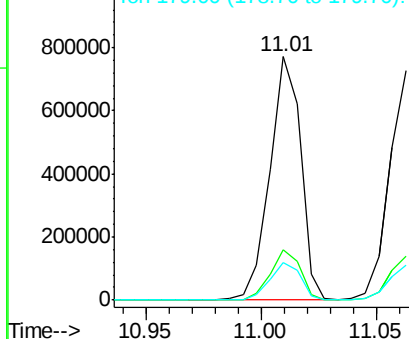


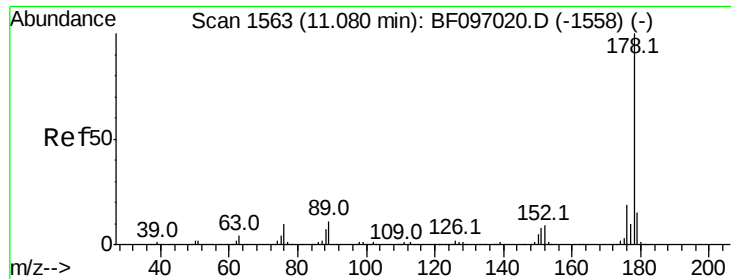
#70
 Phenanthrene
 Concen: 45.031 ng
 RT: 11.01 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion:178 Resp: 718061
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.2 24.4
 179 15.5 12.6 19.0



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

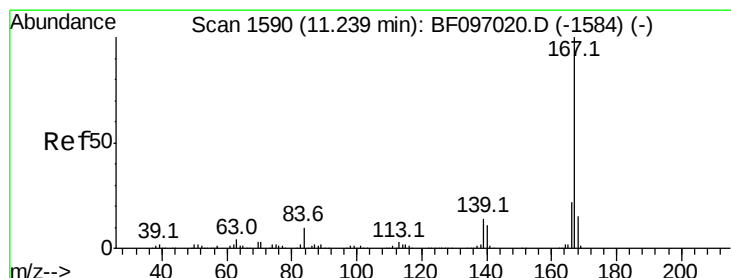
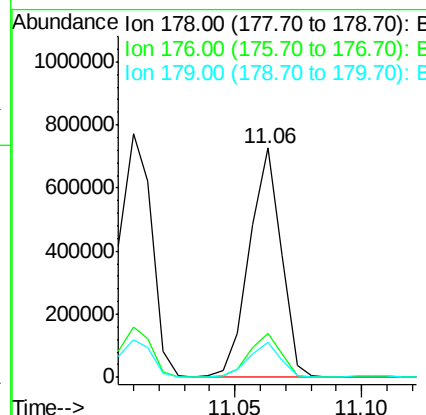
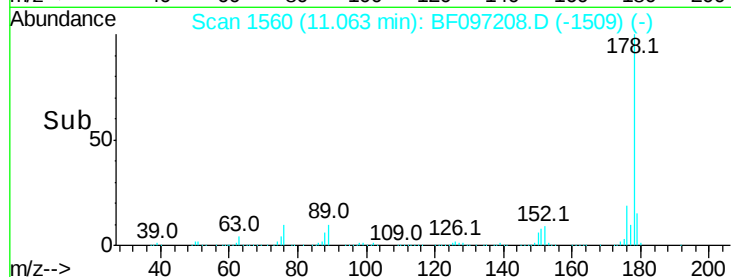
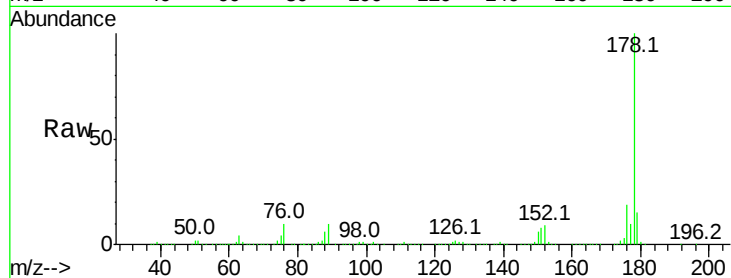




#71
 Anthracene
 Concen: 38.744 ng
 RT: 11.06 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

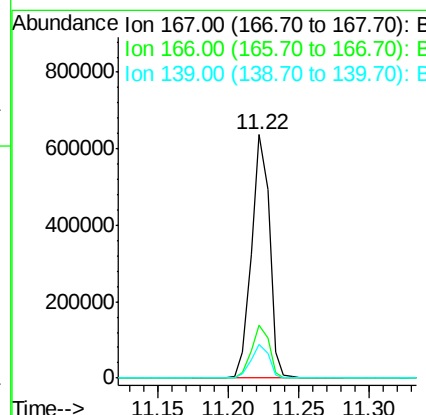
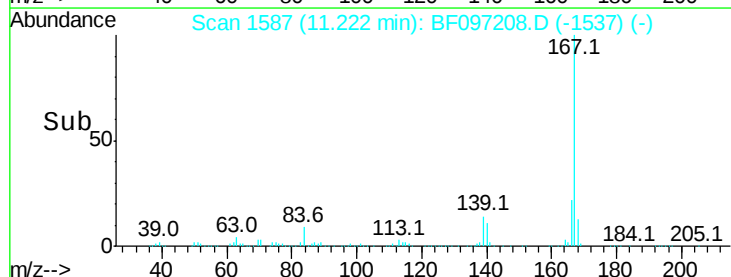
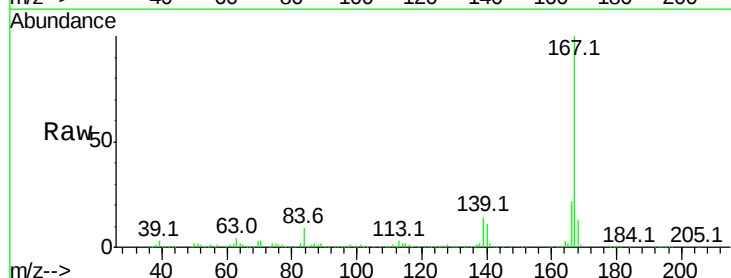
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

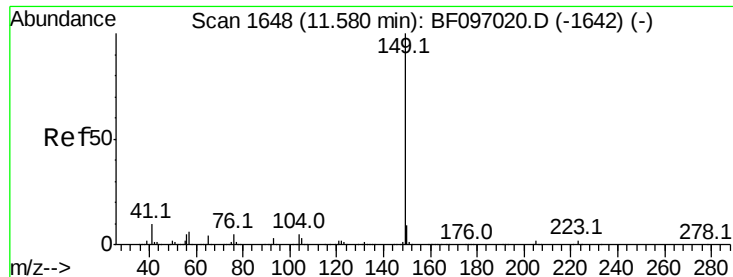
Tot Ion:178 Resp: 632759
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 35.548 ng
 RT: 11.22 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion:167 Resp: 570983
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 13.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 36.417 ng

RT: 11.57 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASEMS

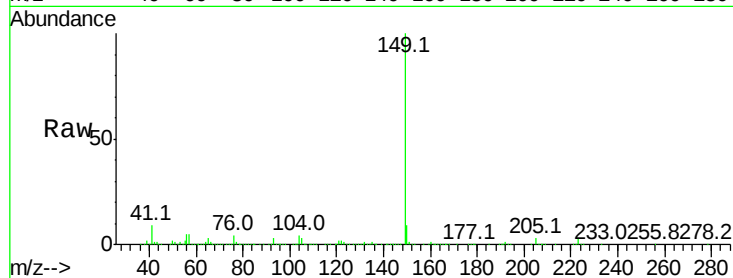
Tot Ion:149 Resp: 723042

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

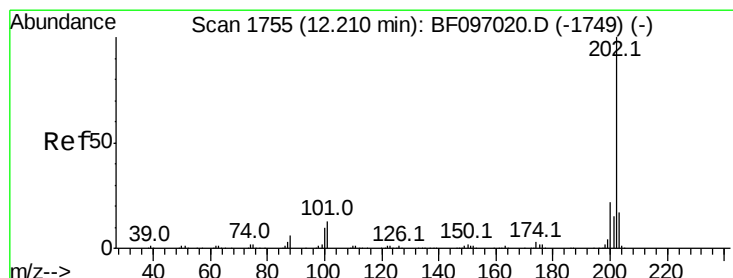
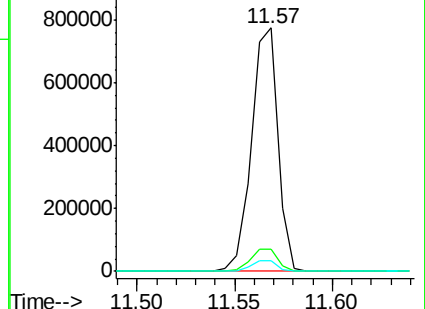
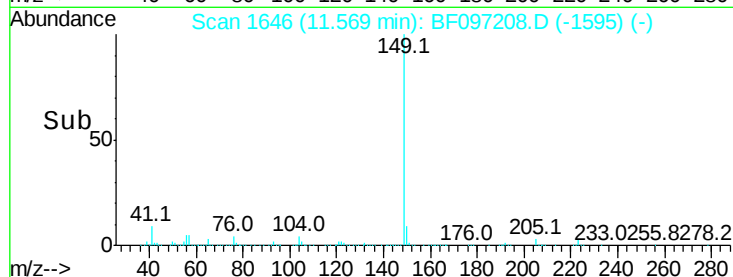
104 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.440 ng

RT: 12.19 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

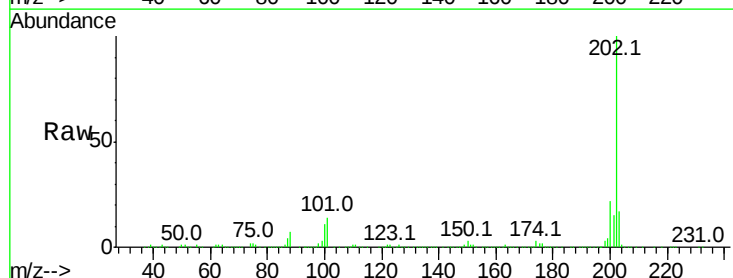
Tgt Ion:202 Resp: 662974

Ion Ratio Lower Upper

202 100

101 14.4 0.0 33.2

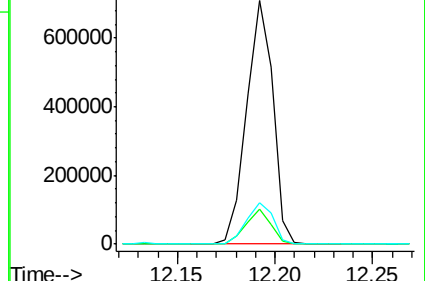
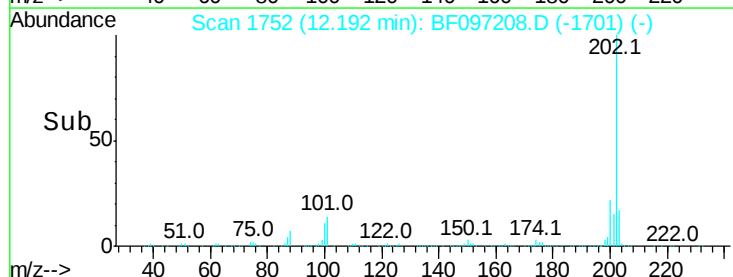
203 17.1 0.0 38.1

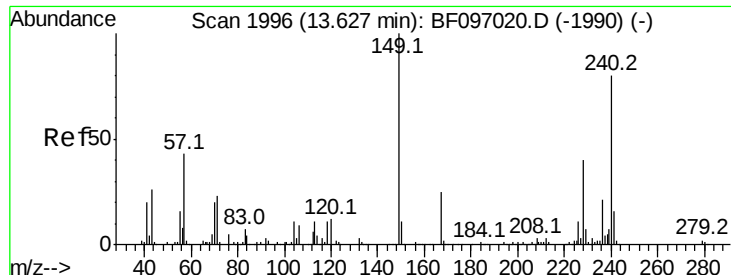


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.62 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASEMS

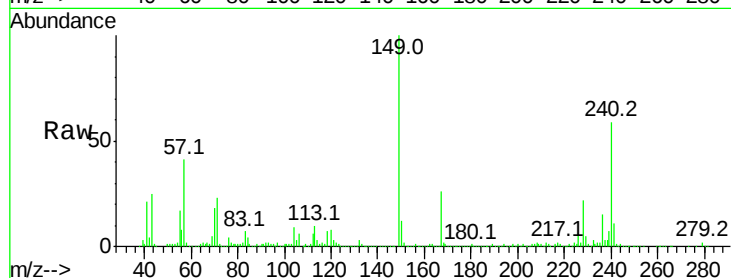
Tot Ion:240 Resp: 172940

Ion Ratio Lower Upper

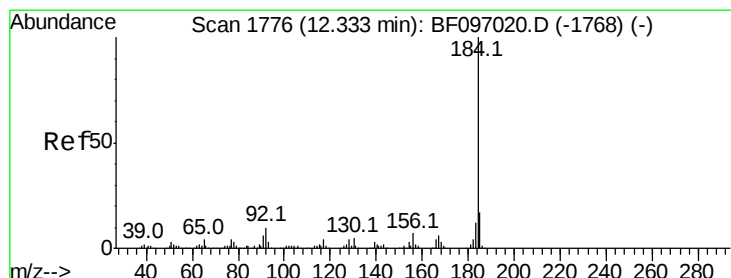
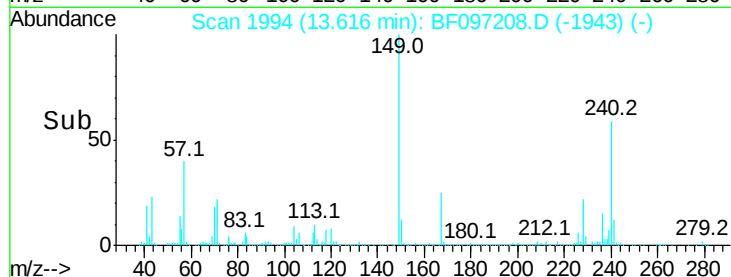
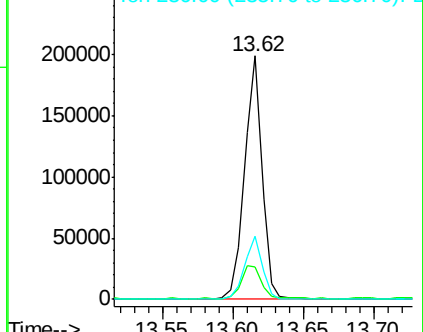
240 100

120 13.3 5.8 8.8#

236 25.8 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: 24.575 ng

RT: 12.32 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

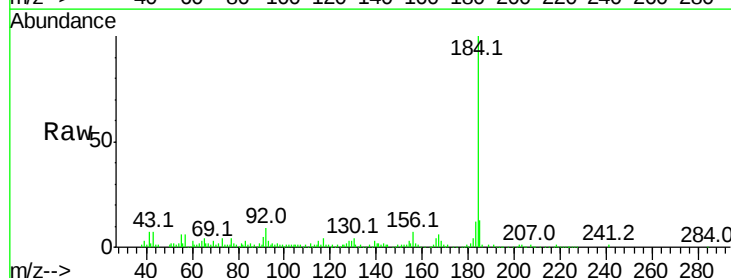
Tgt Ion:184 Resp: 157698

Ion Ratio Lower Upper

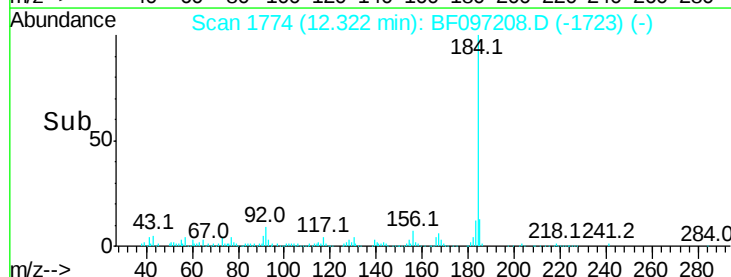
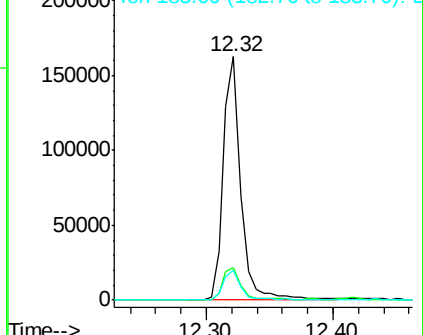
184 100

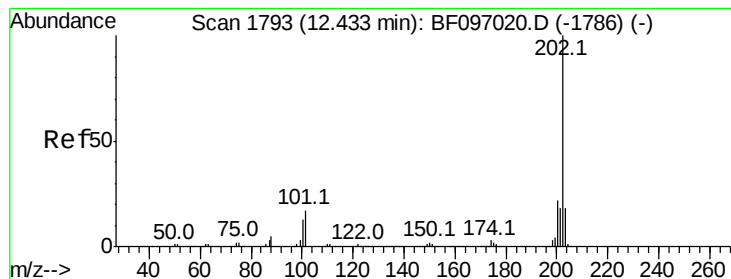
185 13.3 15.5 23.3#

183 12.3 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: 47.641 ng

RT: 12.42 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASEMS

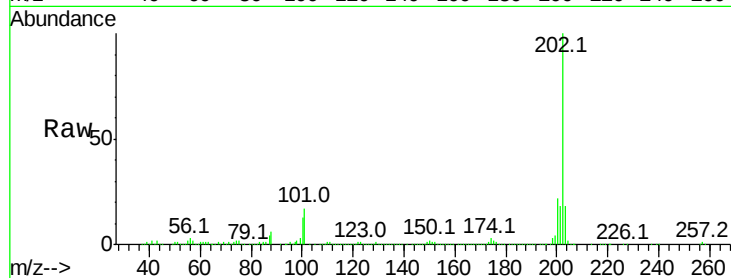
Tot Ion:202 Resp: 674507

Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

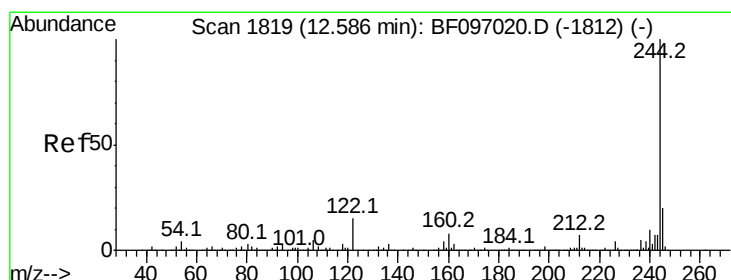
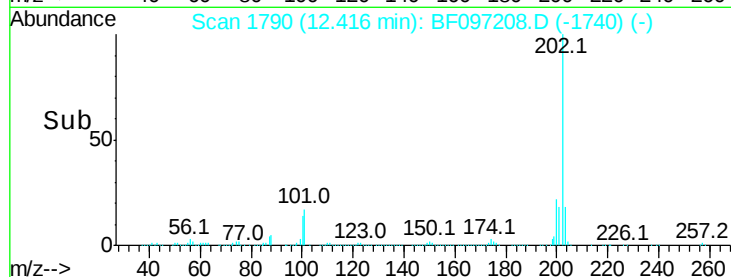
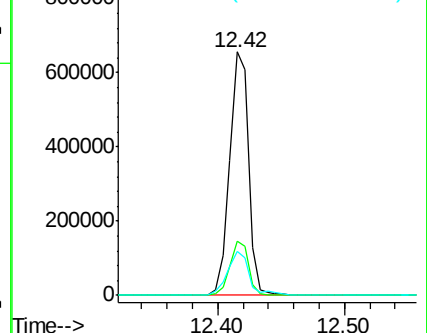
203 18.1 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 56.024 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

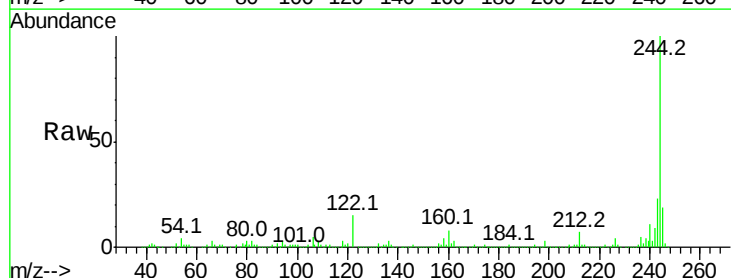
Tgt Ion:244 Resp: 475211

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

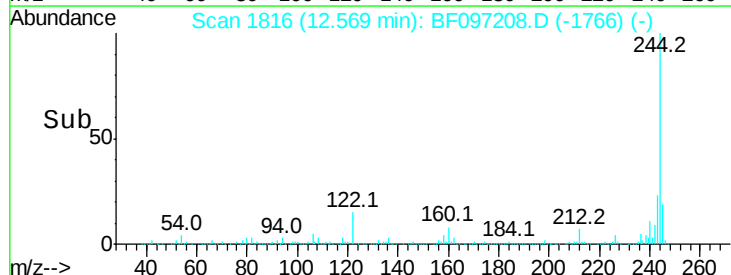
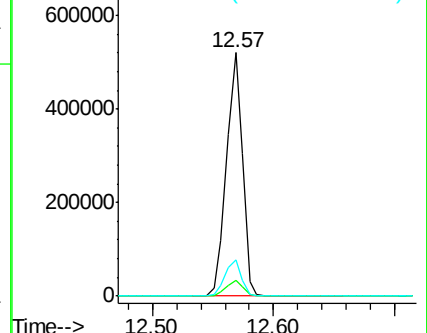
122 14.8 10.3 15.5

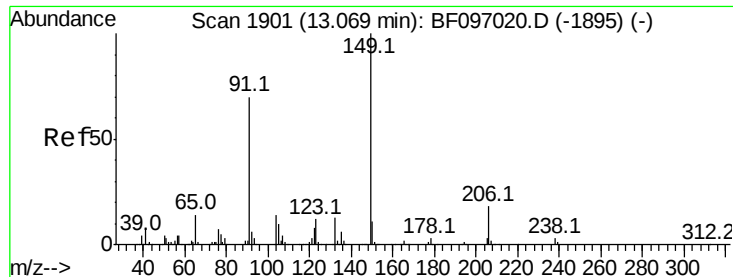


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

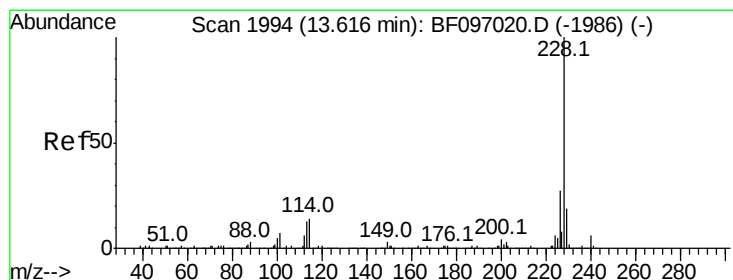
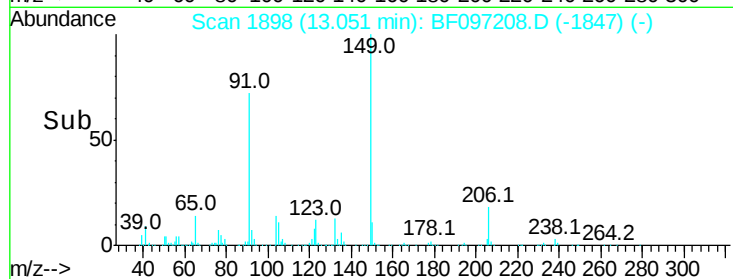
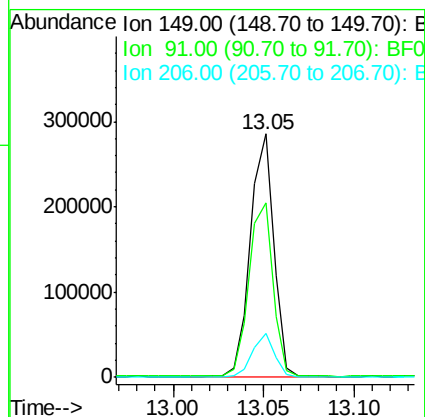
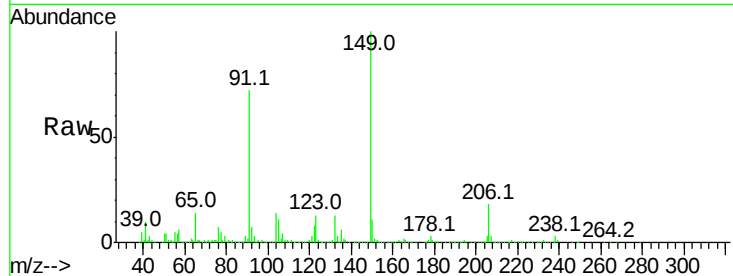




#79
Butylbenzylphthalate
Concen: 35.461 ng
RT: 13.05 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

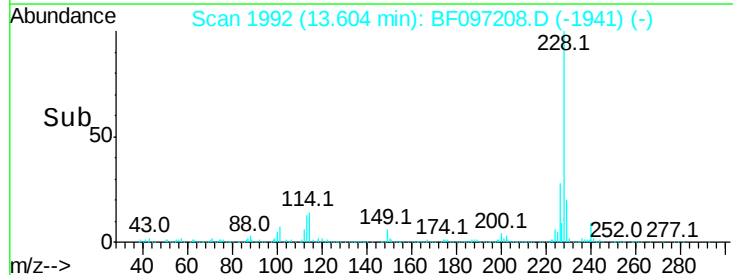
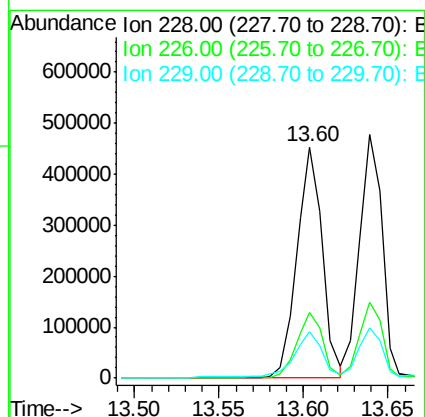
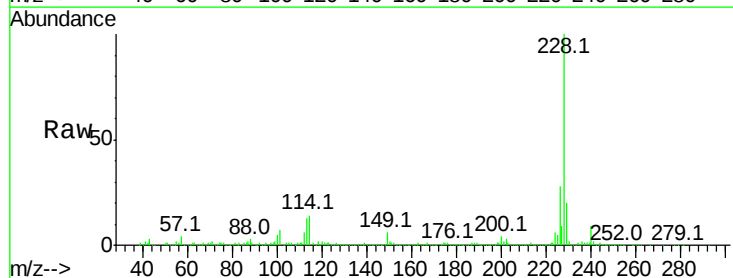
Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

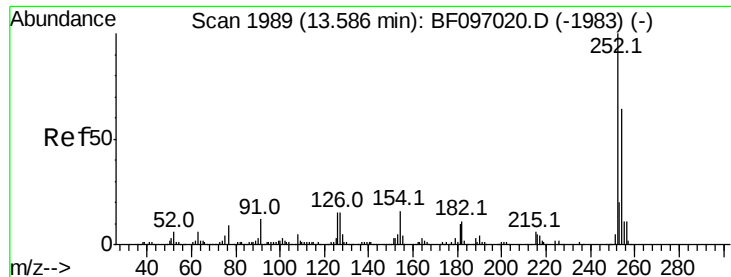
Tot Ion:149 Resp: 255386
Ion Ratio Lower Upper
149 100
91 71.7 45.0 67.4#
206 18.0 17.0 25.6



#80
Benzo(a)anthracene
Concen: 42.236 ng
RT: 13.60 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion:228 Resp: 472619
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.0 16.3 24.5

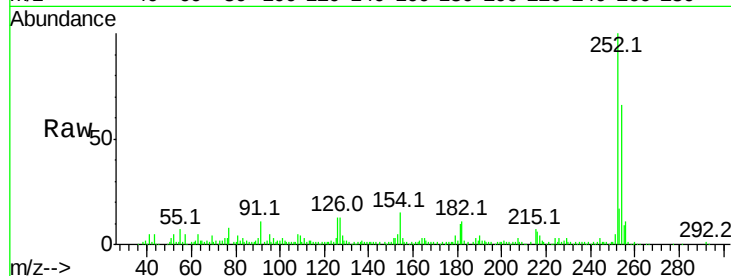




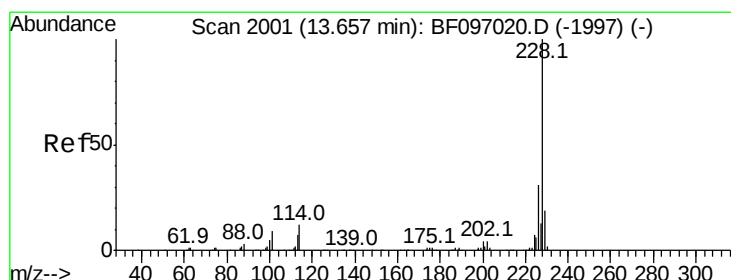
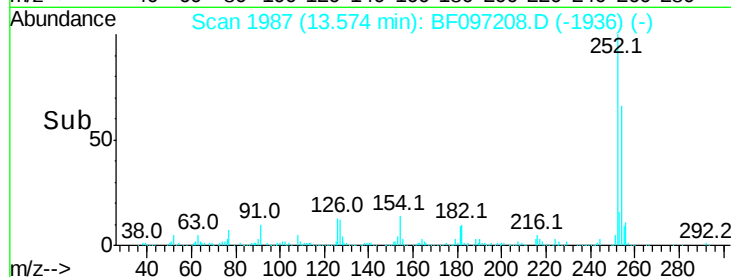
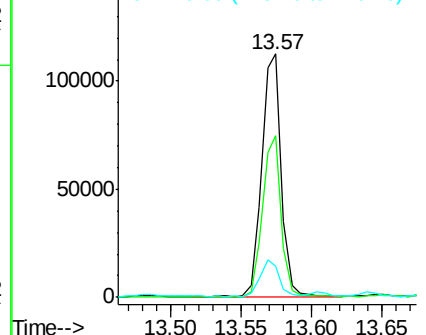
#81
 3,3'-Dichlorobenzidine
 Concen: 26.440 ng
 RT: 13.57 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Tot Ion:252 Resp: 111572
 Ion Ratio Lower Upper
 252 100
 254 66.4 51.5 77.3
 126 12.9 15.8 23.8#

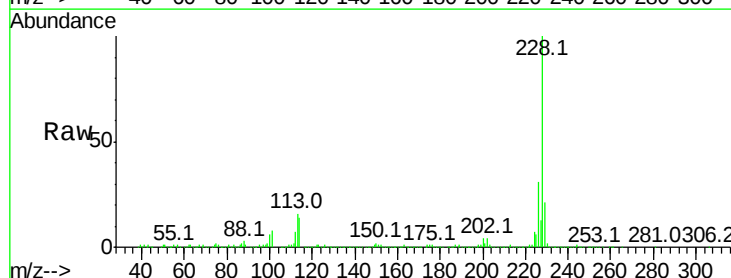


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

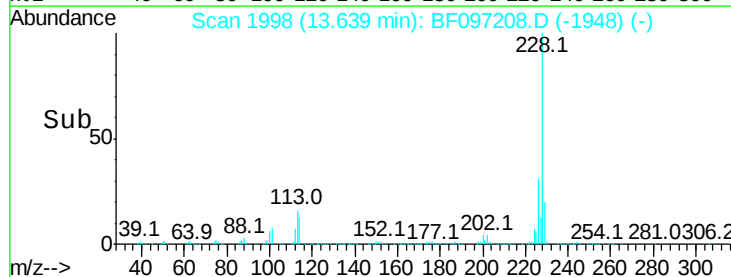
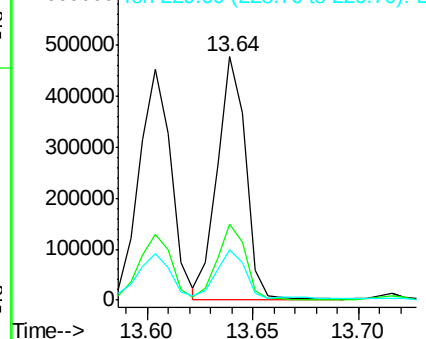


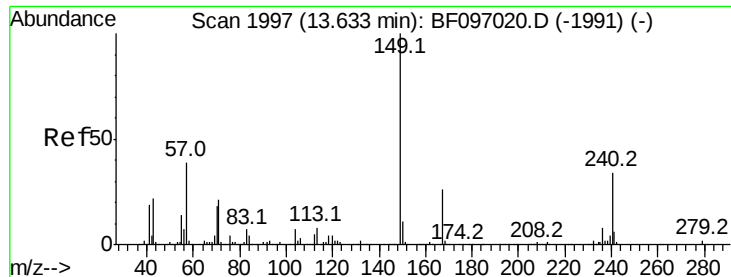
#82
 Chrysene
 Concen: 40.828 ng
 RT: 13.64 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion:228 Resp: 446107
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.9 37.3
 229 20.8 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: 34.151 ng

RT: 13.62 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASEMS

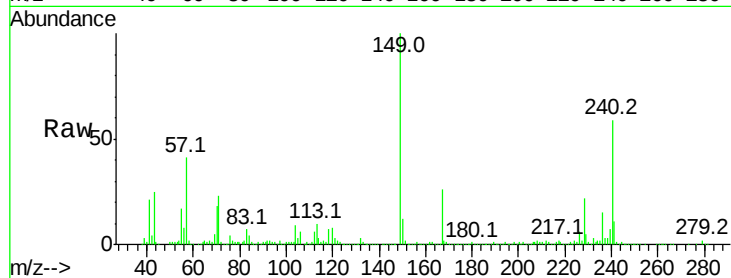
Tot Ion:149 Resp: 321124

Ion Ratio Lower Upper

149 100

167 25.6 21.0 31.4

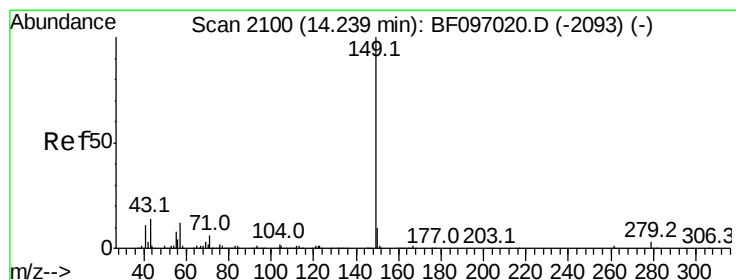
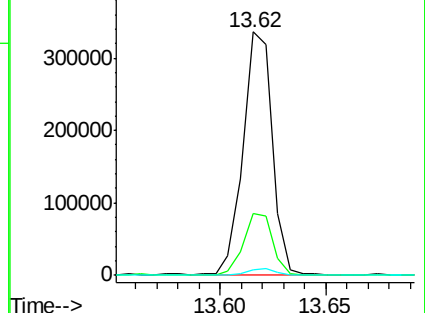
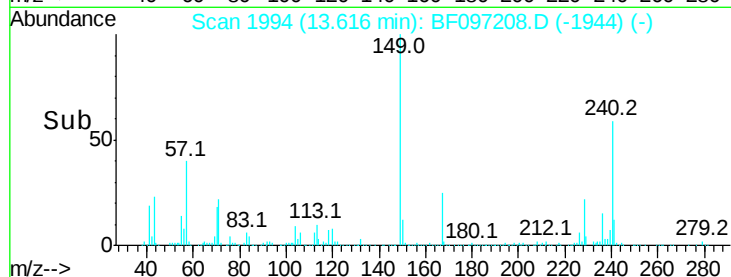
279 2.3 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.577 ng

RT: 14.23 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

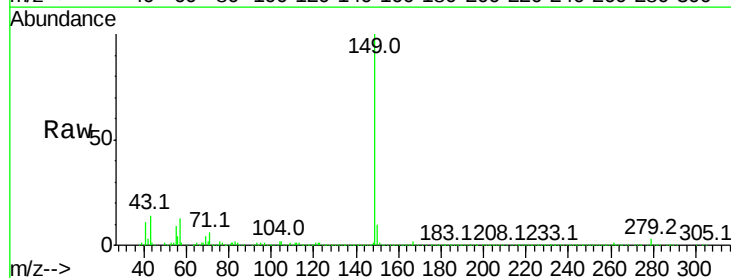
Tgt Ion:149 Resp: 596655

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

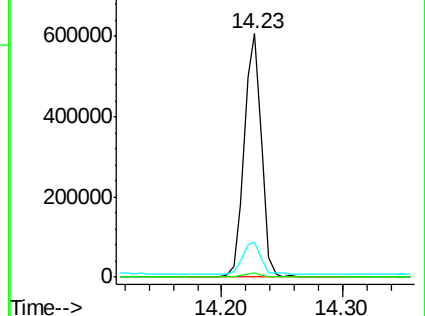
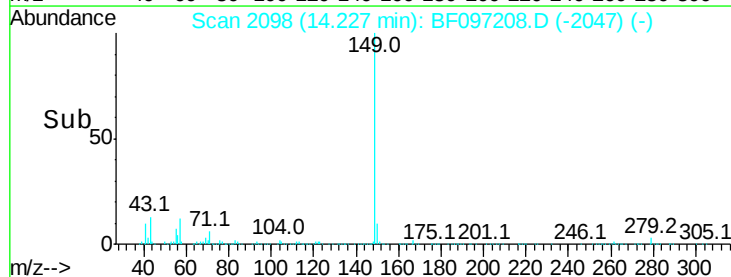
43 14.5 8.5 12.7#

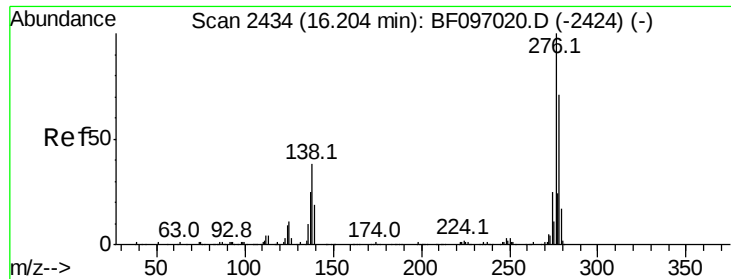


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

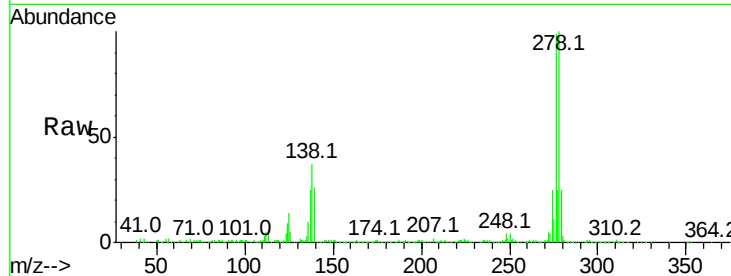




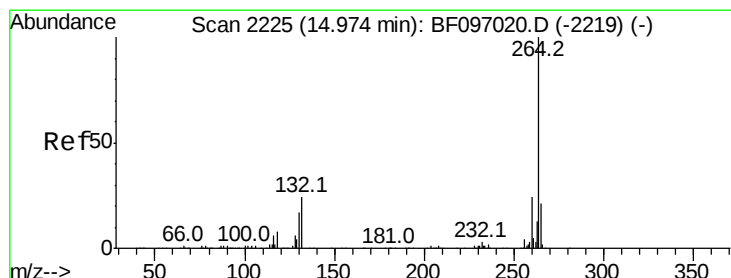
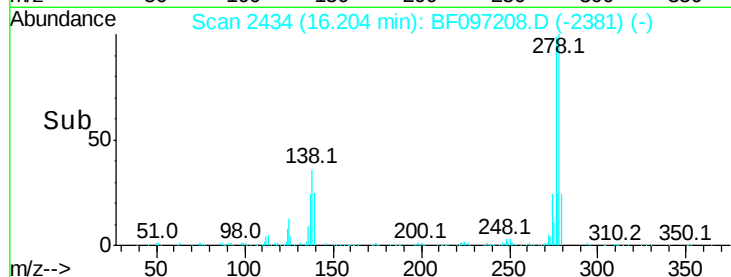
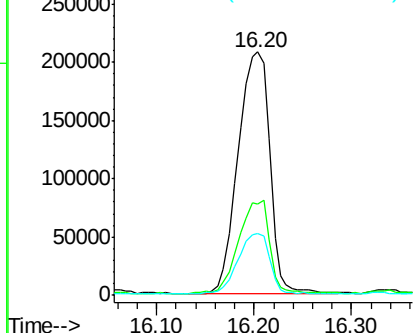
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.394 ng
 RT: 16.20 min Scan# 2434
 Delta R.T. 0.01 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMS

Tot Ion:276 Resp: 472158
 Ion Ratio Lower Upper
 276 100
 138 37.8 27.8 41.6
 277 24.7 20.2 30.4

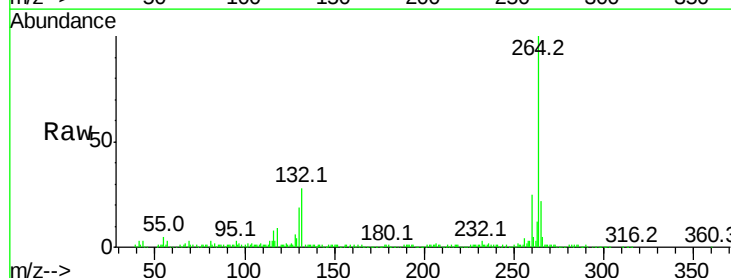


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

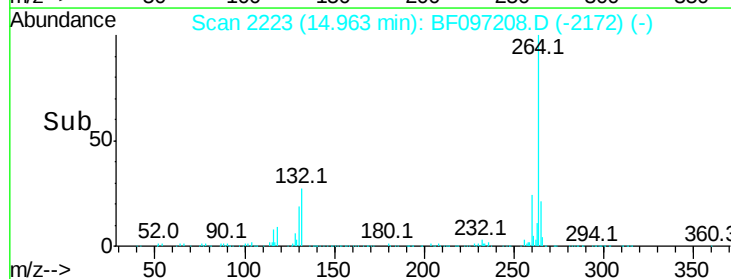
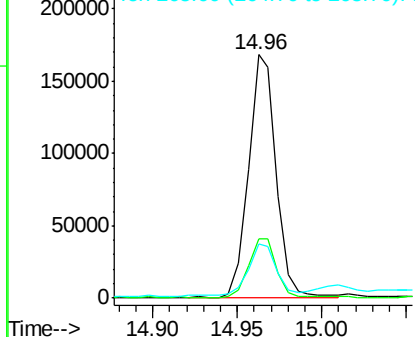


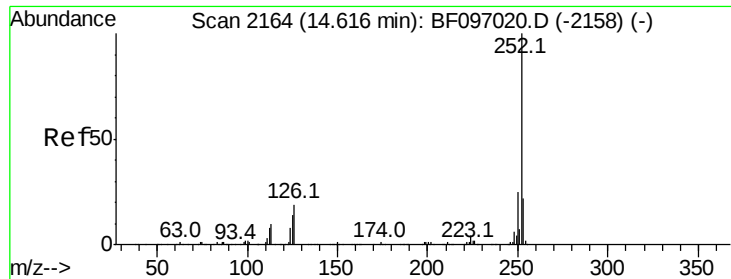
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.96 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BF097208.D
 Acq: 31 Jul 2017 15:24

Tgt Ion:264 Resp: 191509
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.0 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

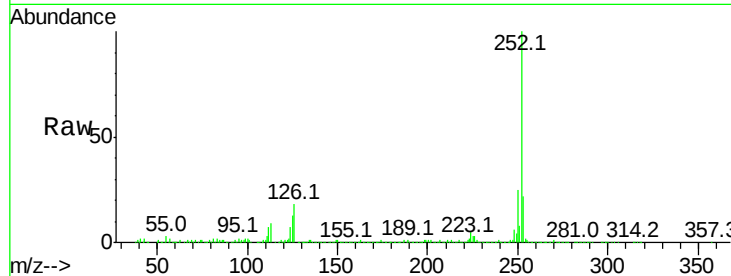




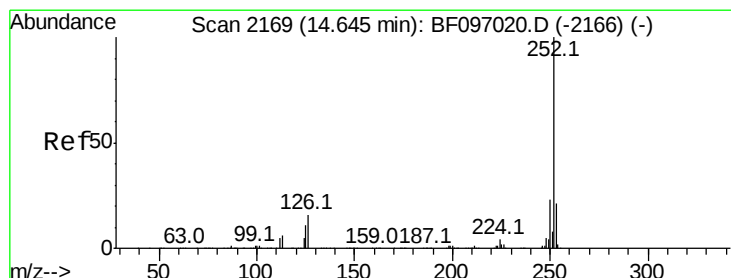
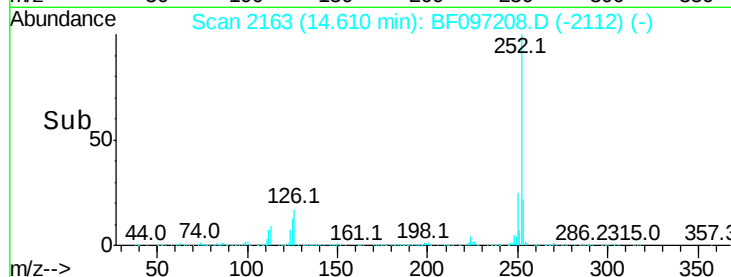
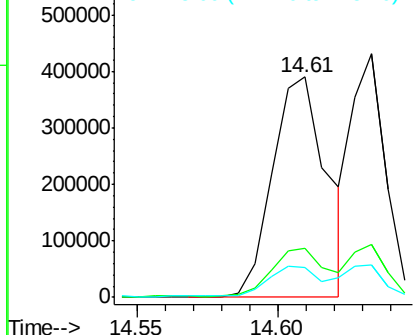
#87
Benzo(b)fluoranthene
Concen: 44.853 ng
RT: 14.61 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Tot Ion:252 Resp: 516347
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 13.5 9.8 14.8

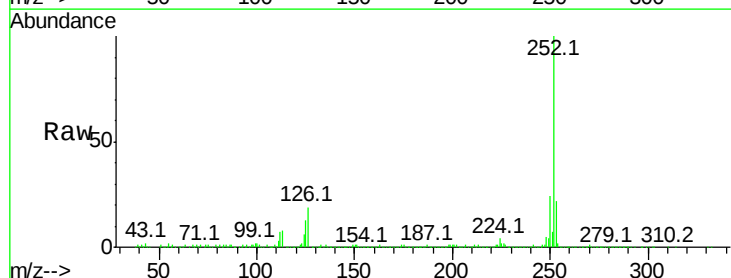


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

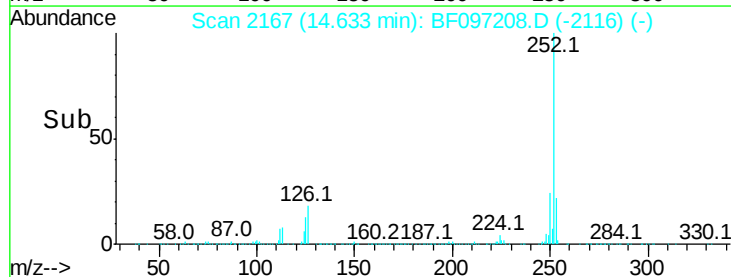
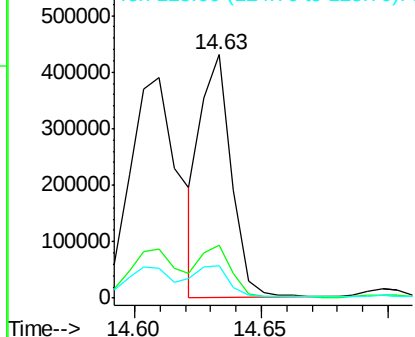


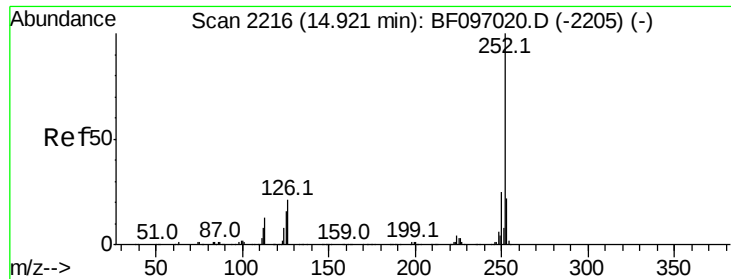
#88
Benzo(k)fluoranthene
Concen: 32.757 ng
RT: 14.63 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF097208.D
Acq: 31 Jul 2017 15:24

Tgt Ion:252 Resp: 359343
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 13.2 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: 43.543 ng

RT: 14.92 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASEMS

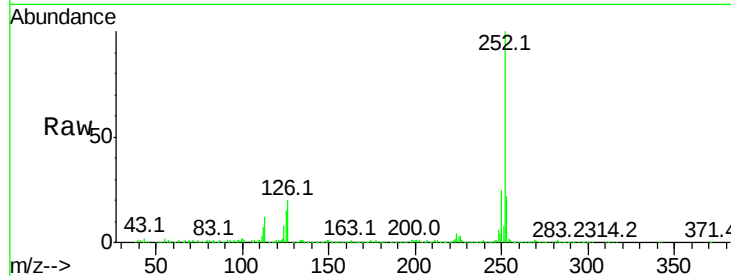
Tot Ion:252 Resp: 458767

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

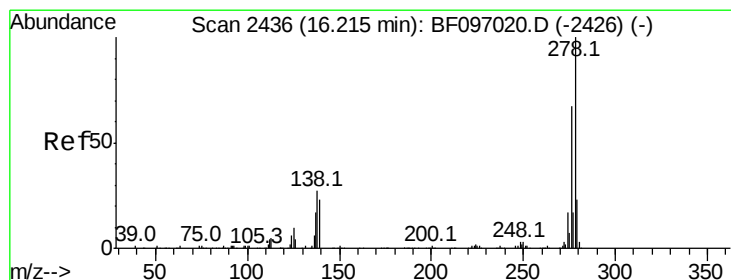
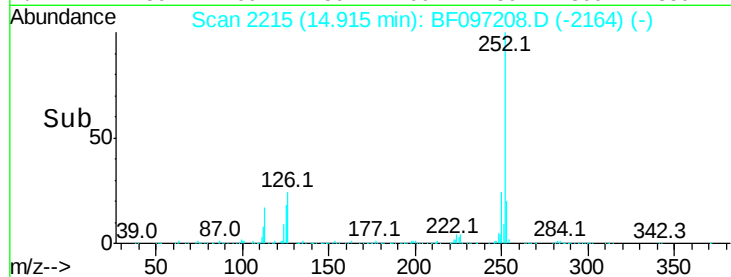
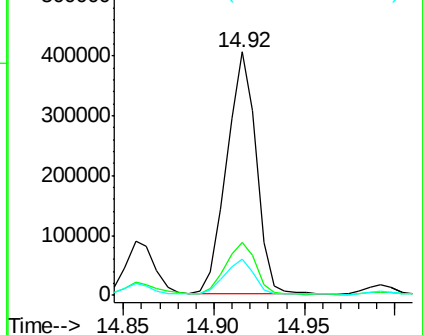
125 14.9 11.0 16.4



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: 43.262 ng

RT: 16.21 min Scan# 2435

Delta R.T. 0.01 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

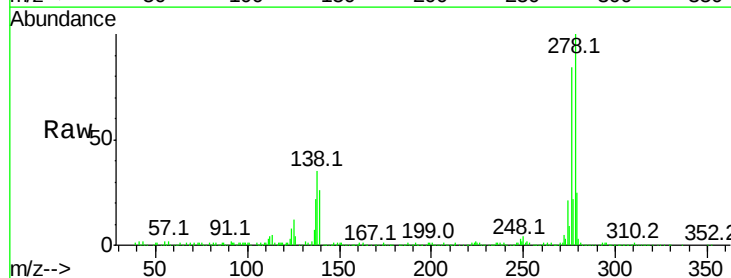
Tgt Ion:278 Resp: 373791

Ion Ratio Lower Upper

278 100

139 25.8 16.6 24.8#

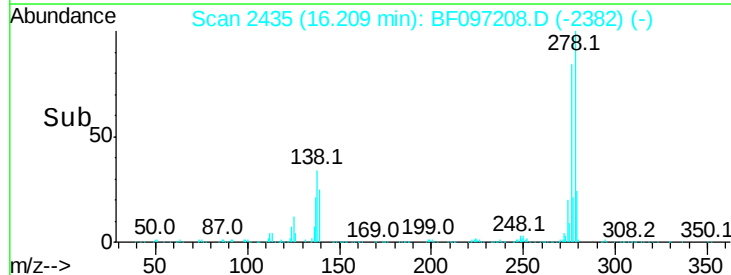
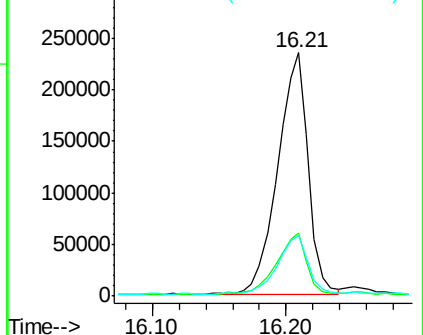
279 25.1 19.3 28.9

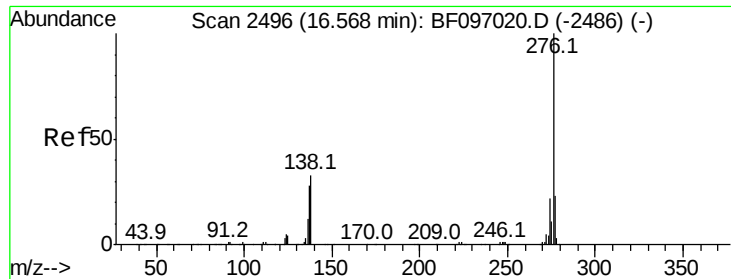


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.948 ng

RT: 16.57 min Scan# 2496

Delta R.T. 0.02 min

Lab File: BF097208.D

Acq: 31 Jul 2017 15:24

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASEMS

Tot Ion:276 Resp: 389140

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 29.5 25.4 38.0

