

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097277.D
 Acq On : 2 Aug 2017 17:01
 Operator : SJ/JU
 Sample : I4511-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 17:54:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 17:05:06 2017
 Response via : Initial Calibration

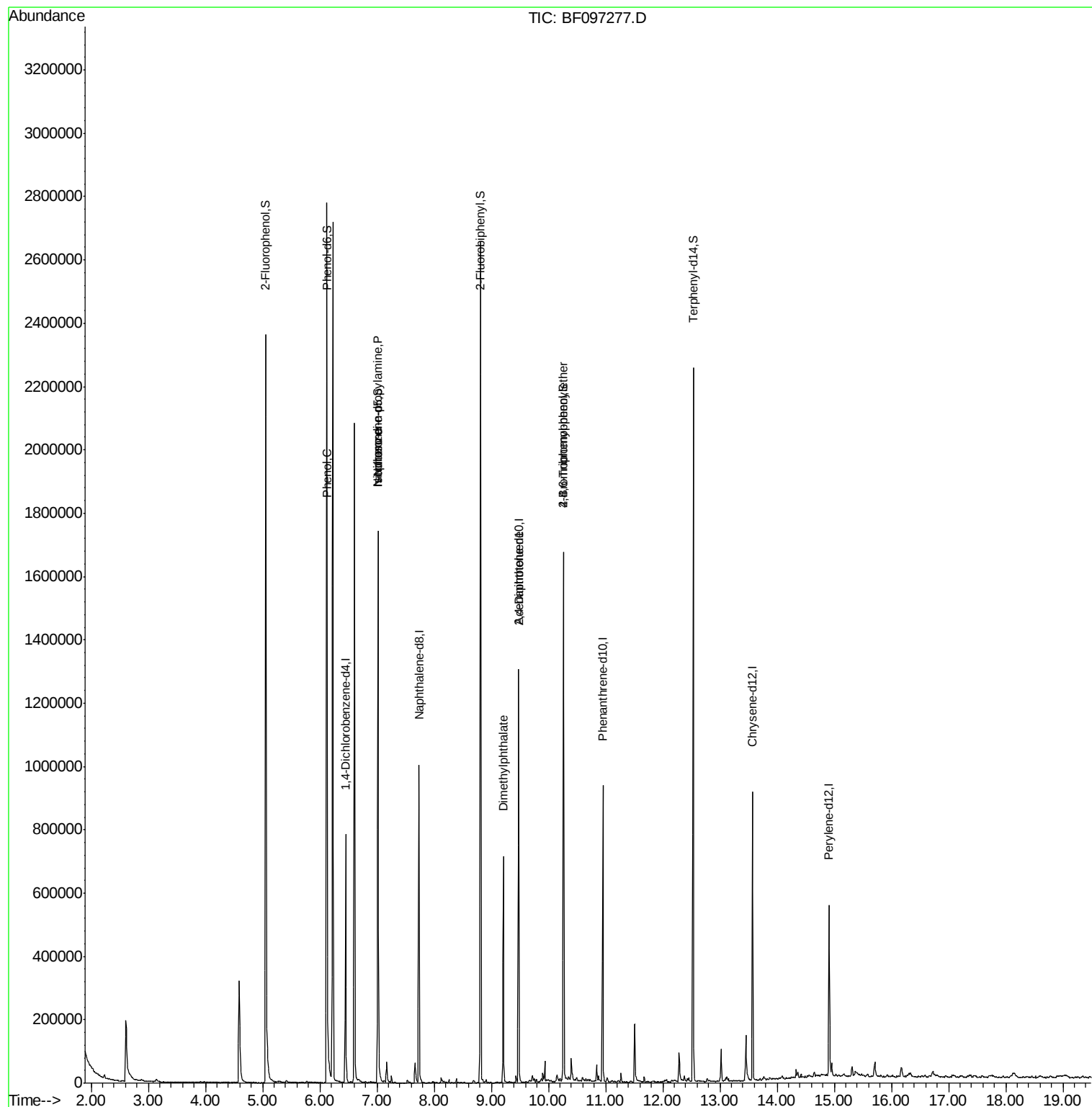
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	124649	20.00	ng	0.00
21) Naphthalene-d8	7.73	136	461283	20.00	ng	0.00
38) Acenaphthene-d10	9.47	164	242285	20.00	ng	0.00
63) Phenanthrene-d10	10.95	188	357745	20.00	ng	0.00
75) Chrysene-d12	13.57	240	294668	20.00	ng	-0.01
86) Perylene-d12	14.91	264	207459	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	767267	92.79	ng	0.00
7) Phenol-d6	6.12	99	1044698	110.67	ng	0.00
23) Nitrobenzene-d5	7.02	82	549998	69.95	ng	0.00
41) 2,4,6-Tribromophenol	10.26	330	191604	100.09	ng	0.00
44) 2-Fluorobiphenyl	8.81	172	880580	61.68	ng	0.00
78) Terphenyl-d14	12.53	244	734138	50.80	ng	0.00
Target Compounds						
10) Phenol	6.13	94	46745	4.175	ng	96
19) n-Nitroso-di-n-propylamine	7.02	70	74432	11.979	ng	# 87
25) Isophorone	7.02	82	545863	35.448	ng	# 67
49) Dimethylphthalate	9.21	163	267262	14.526	ng	99
56) 2,4-Dinitrotoluene	9.47	165	29993	6.686	ng	# 32
66) 4-Bromophenyl-phenylether	10.26	248	12491	3.499	ng	# 1

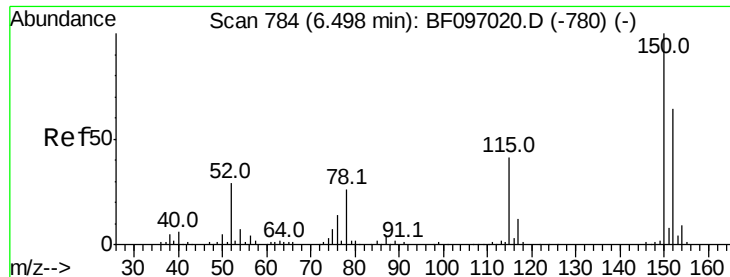
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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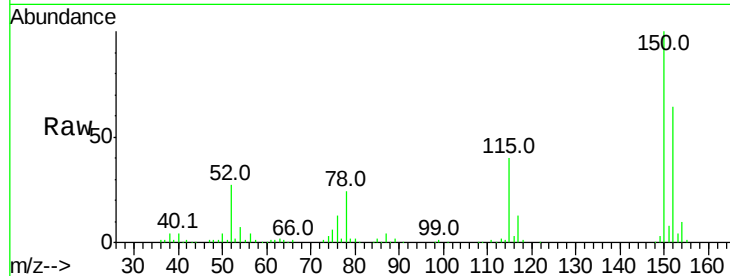


#1

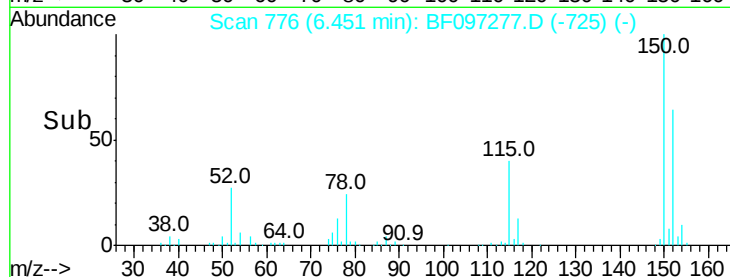
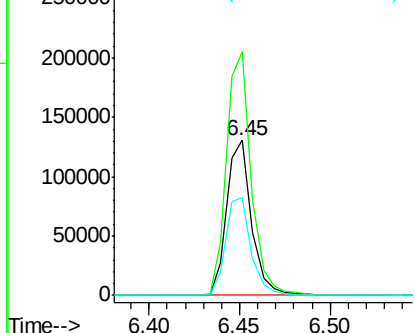
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF097277.D
Acq: 2 Aug 2017 17:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 124649
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 63.1 52.2 78.2



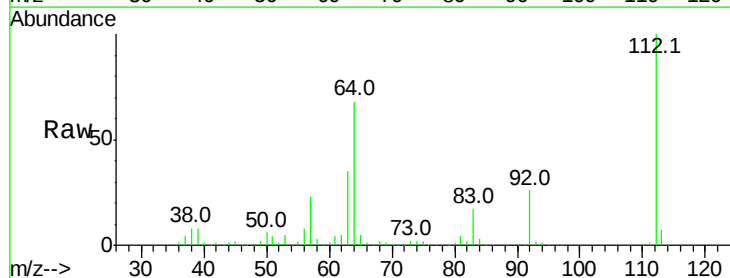
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



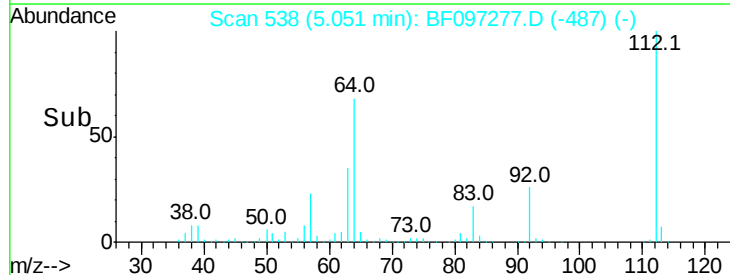
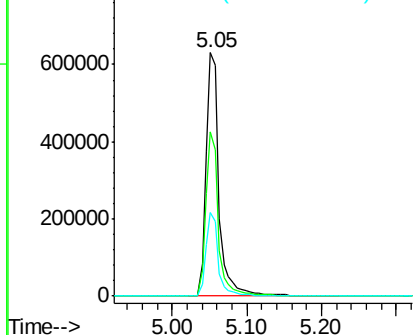
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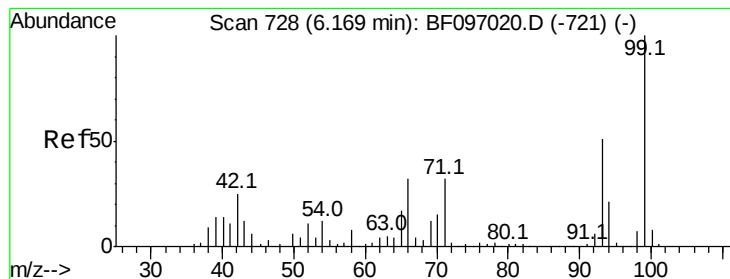
2-Fluorophenol
Concen: 92.792 ng
RT: 5.05 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF097277.D
Acq: 2 Aug 2017 17:01

Tgt Ion:112 Resp: 767267
Ion Ratio Lower Upper
112 100
64 67.6 46.0 69.0
63 34.5 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





#7

Phenol-d6

Concen: 110.671 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF097277.D

Acq: 2 Aug 2017 17:01

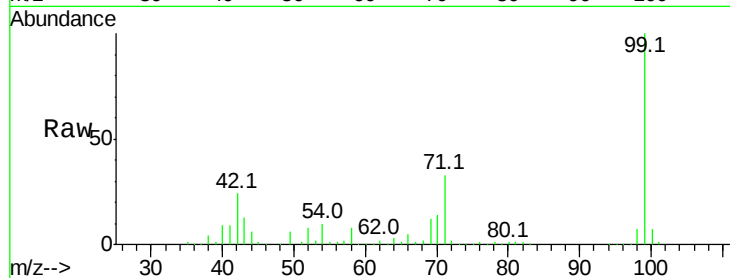
Instrument :

BNA_F

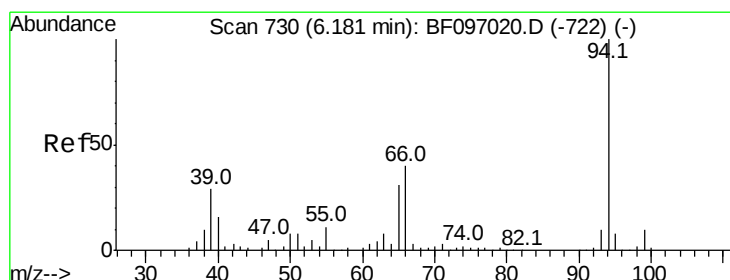
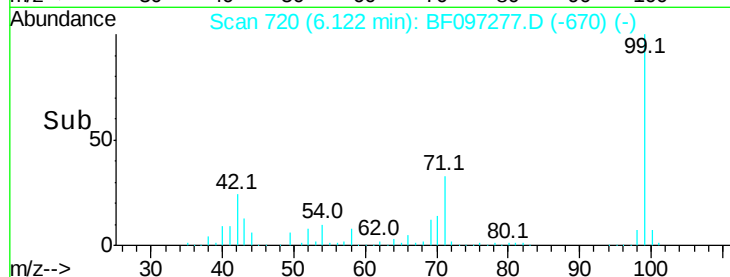
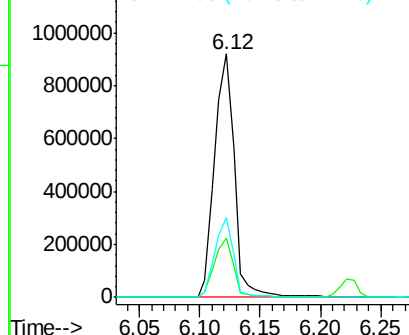
ClientSampled :

Tot Ion: 99 Resp: 1044698

Ion	Ratio	Lower	Upper
99	100		
42	24.2	13.5	20.3#
71	32.7	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



#10

Phenol

Concen: 4.175 ng

RT: 6.13 min Scan# 722

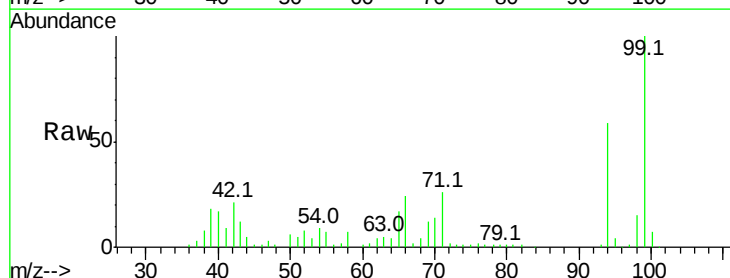
Delta R.T. -0.01 min

Lab File: BF097277.D

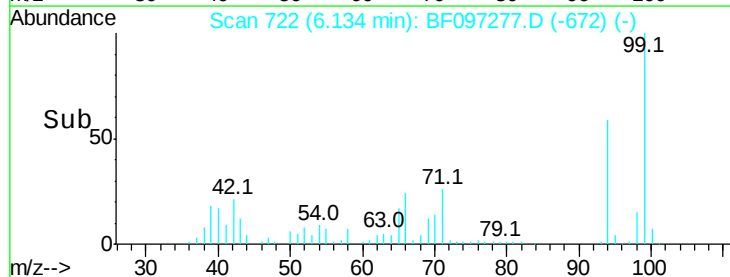
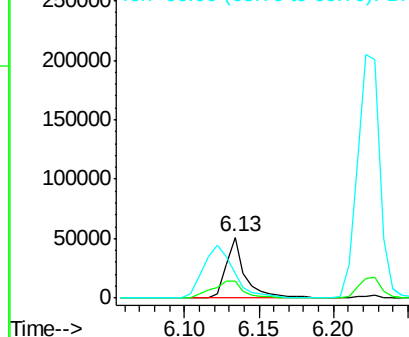
Acq: 2 Aug 2017 17:01

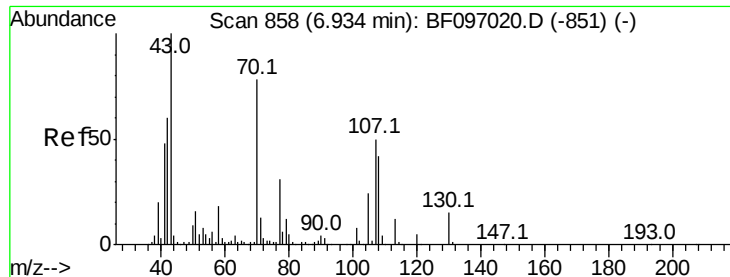
Tgt Ion: 94 Resp: 46745

Ion	Ratio	Lower	Upper
94	100		
65	28.2	9.9	49.9
66	40.3	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

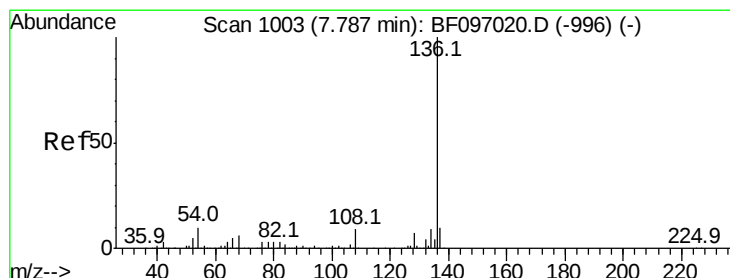
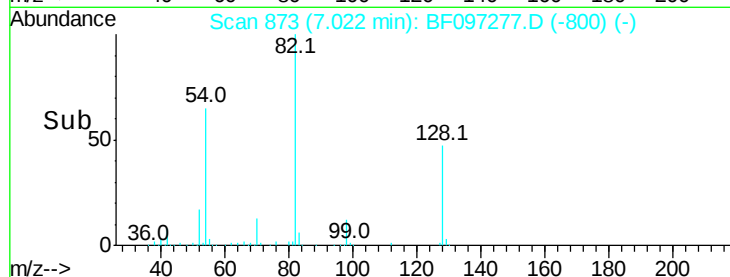
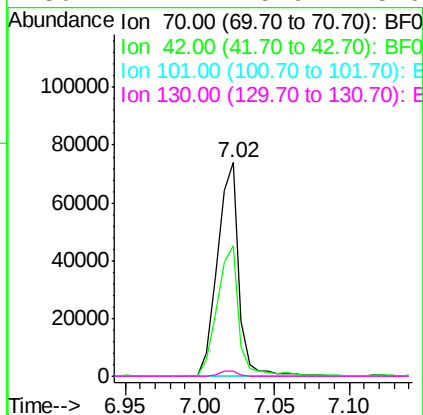
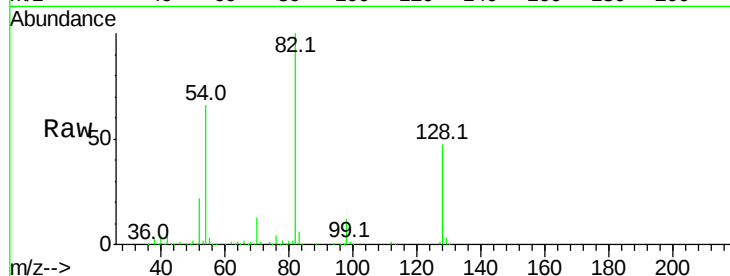




#19
n-Nitroso-di-n-propylamine
Concen: 11.979 ng
RT: 7.02 min Scan# 873
Delta R.T. 0.13 min
Lab File: BF097277.D
Acq: 2 Aug 2017 17:01

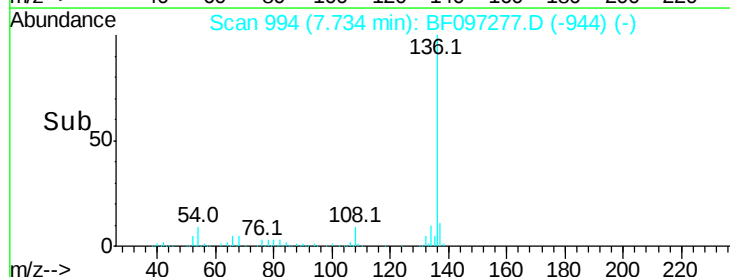
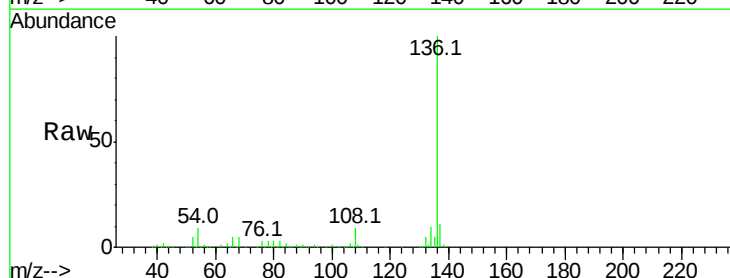
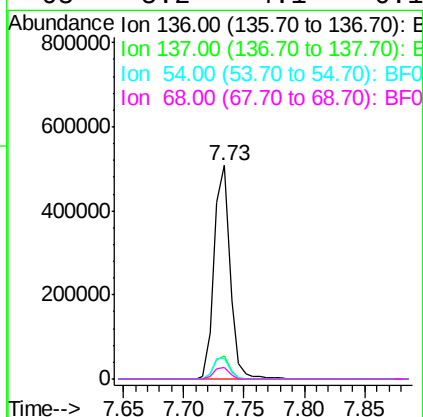
Instrument :
BNA_F
ClientSampleId :

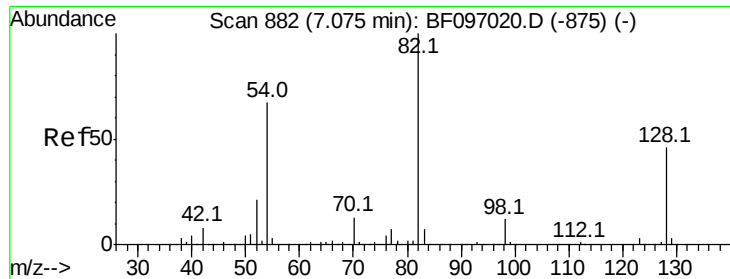
Tot Ion: 70 Resp: 74432
Ion Ratio Lower Upper
70 100
42 61.4 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF097277.D
Acq: 2 Aug 2017 17:01

Tgt Ion: 136 Resp: 461283
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 9.4 4.9 7.3#
68 5.2 4.1 6.1

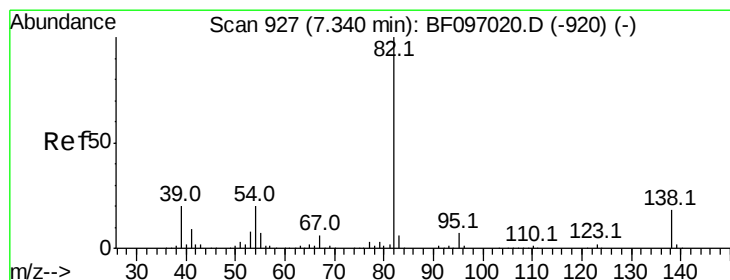
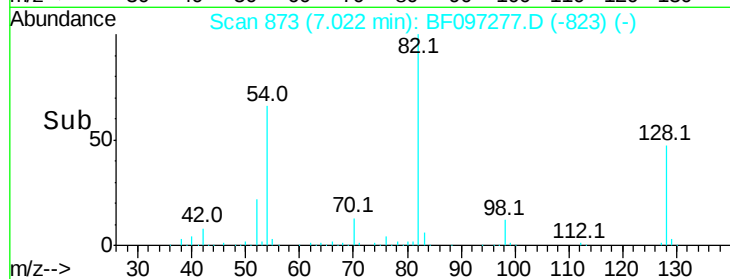
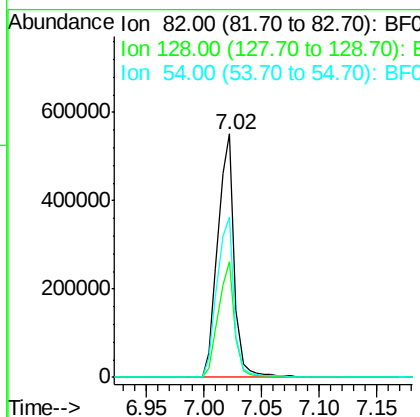
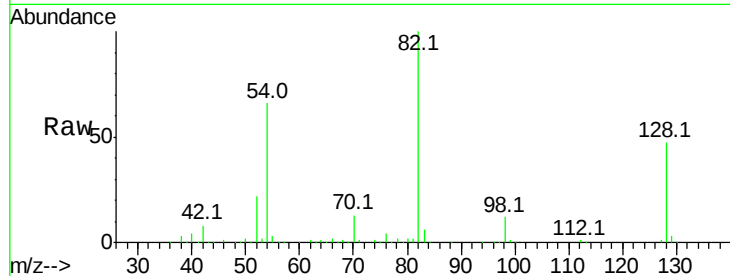




#23
 Nitrobenzene-d5
 Concen: 69.946 ng
 RT: 7.02 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF097277.D
 Acq: 2 Aug 2017 17:01

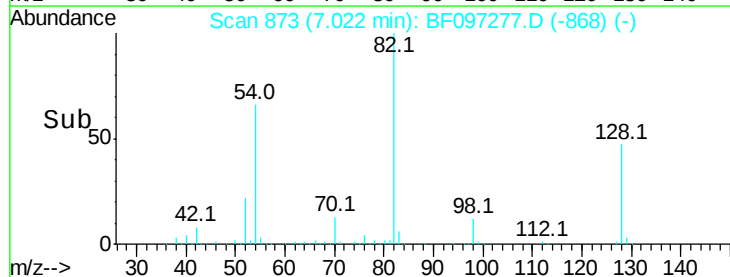
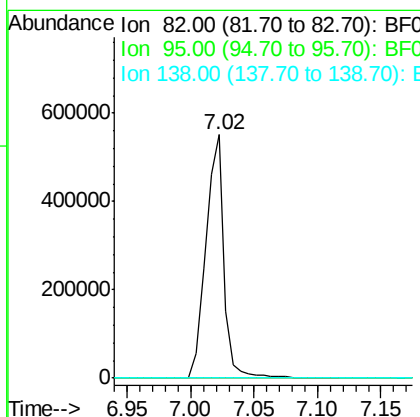
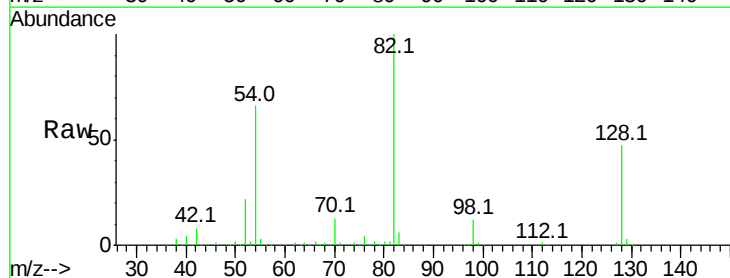
Instrument :
 BNA_F
 ClientSampleId :

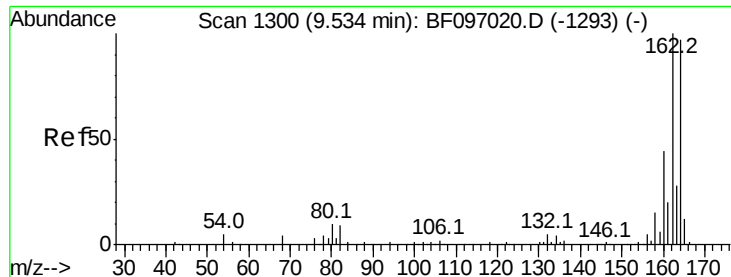
Tot Ion	82	Resp	549998
Ion Ratio	Lower	Upper	
82	100		
128	47.3	34.0	51.0
54	66.1	42.2	63.2#



#25
 Isophorone
 Concen: 35.448 ng
 RT: 7.02 min Scan# 873
 Delta R.T. -0.27 min
 Lab File: BF097277.D
 Acq: 2 Aug 2017 17:01

Tgt Ion	82	Resp	545863
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

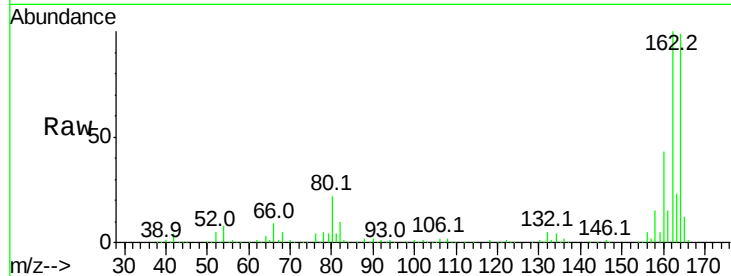




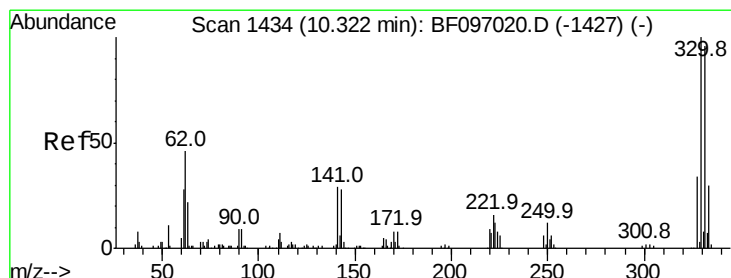
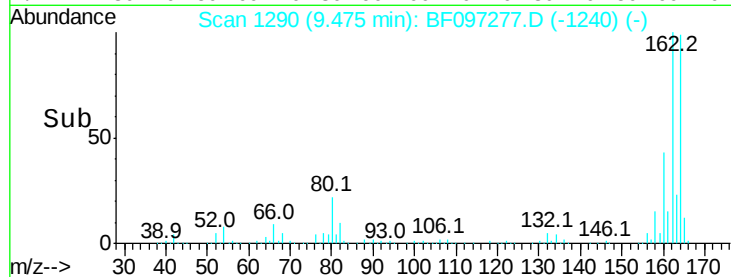
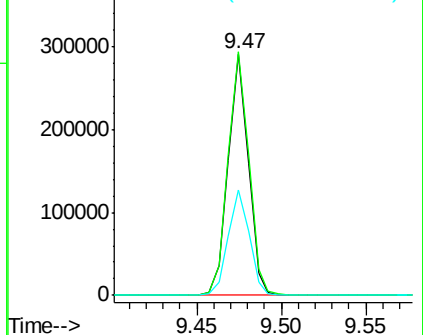
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF097277.D
 Acq: 2 Aug 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	123.8
160	43.7	36.2	54.2

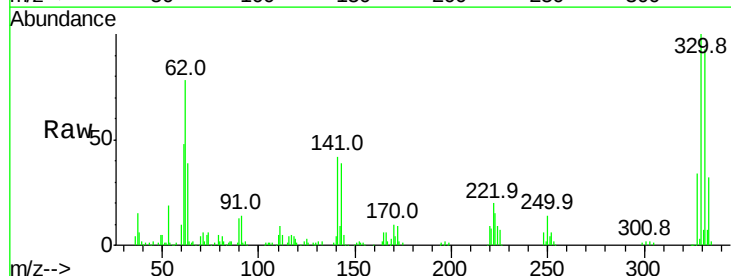


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

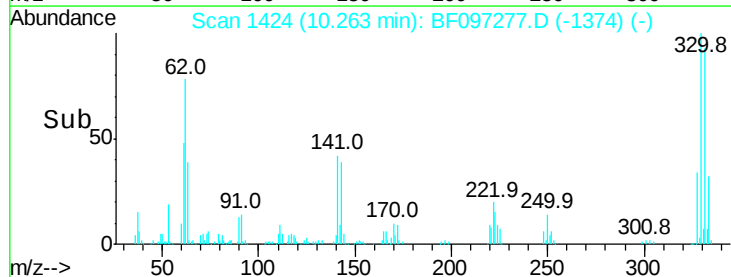
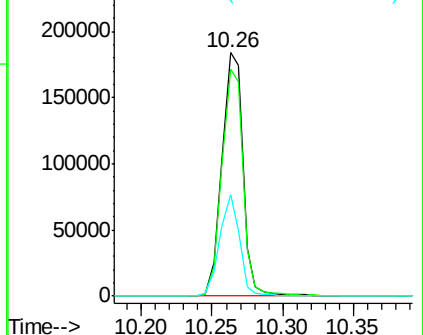


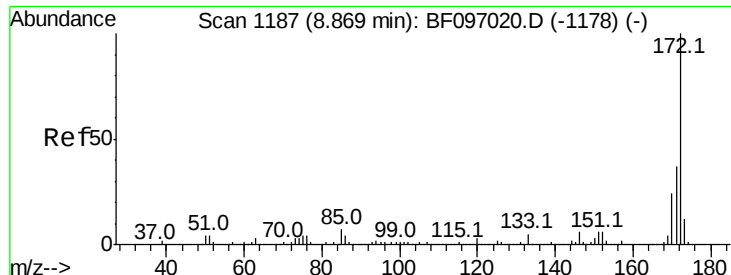
#41
 2,4,6-Tribromophenol
 Concen: 100.092 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF097277.D
 Acq: 2 Aug 2017 17:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.6	115.0
141	39.4	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

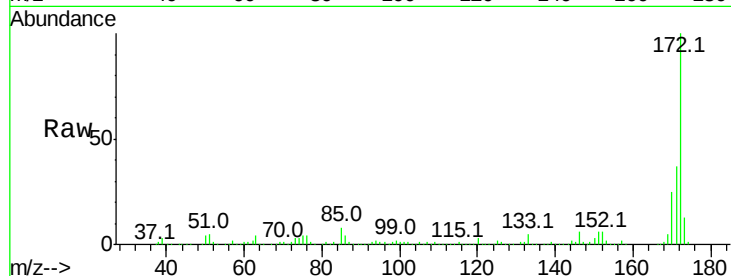




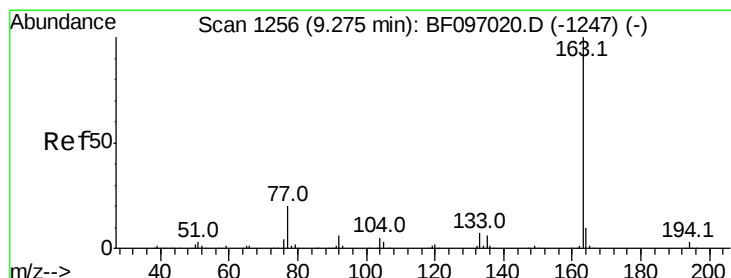
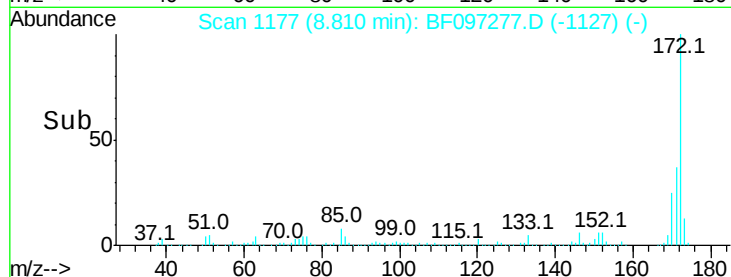
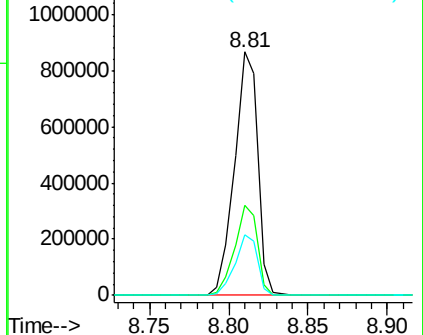
#44
2-Fluorobiphenyl
Concen: 61.681 ng
RT: 8.81 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF097277.D
Acq: 2 Aug 2017 17:01

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.6	19.8	29.8

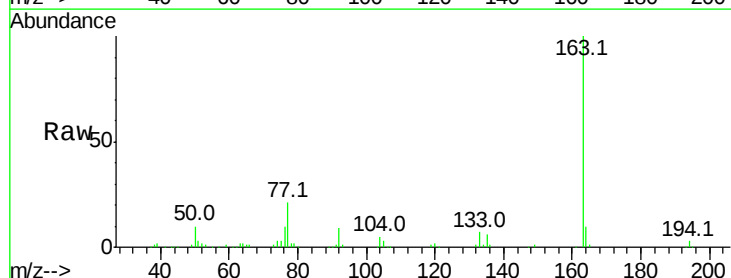


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

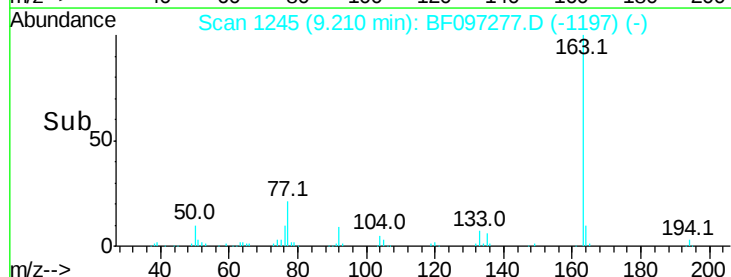
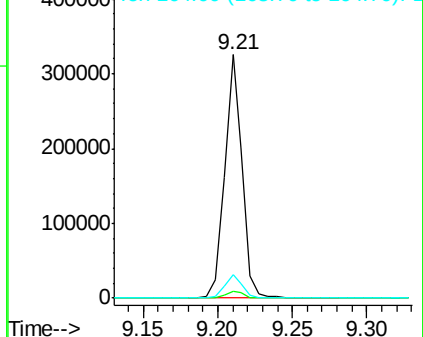


#49
Dimethylphthalate
Concen: 14.526 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF097277.D
Acq: 2 Aug 2017 17:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.9	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

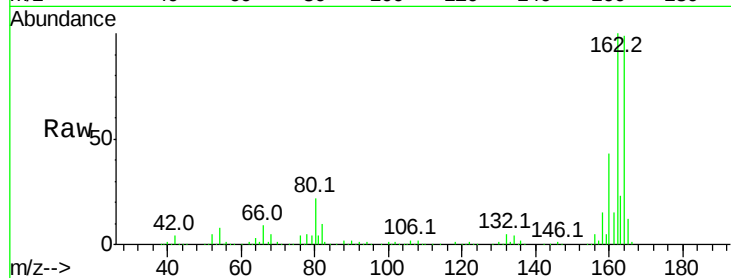




#56
 2,4-Dinitrotoluene
 Concen: 6.686 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.22 min
 Lab File: BF097277.D
 Acq: 2 Aug 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.4	38.0#
89	1.0	46.4	69.6#
182	0.0	1.8	2.6#

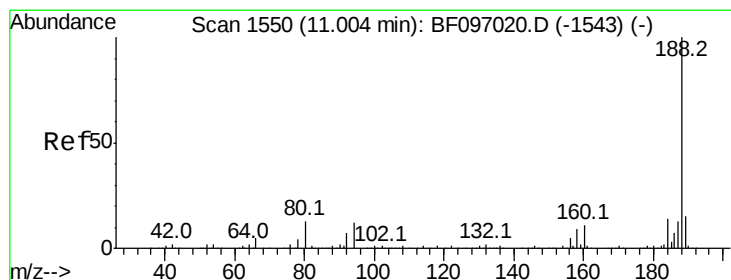
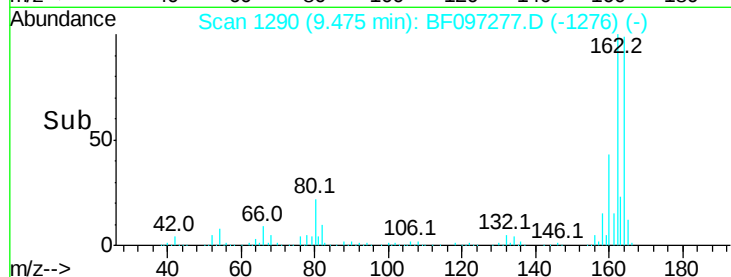
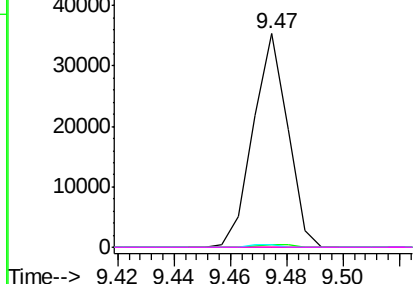


Abundance Ion 165.00 (164.70 to 165.70): E

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



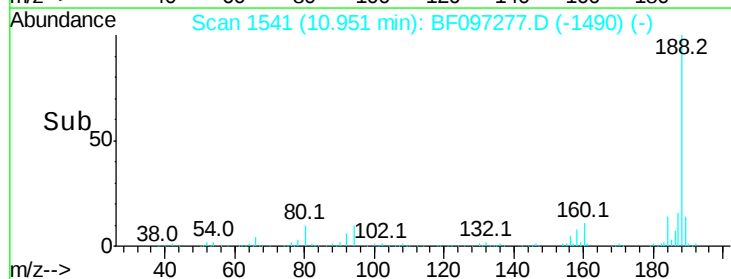
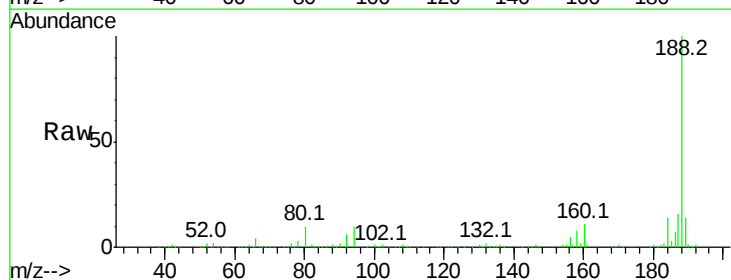
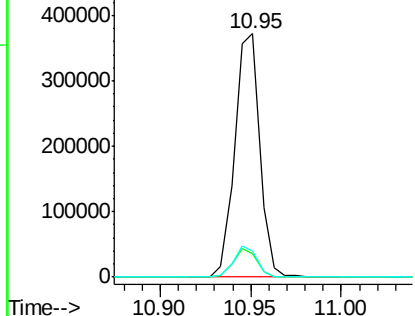
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.95 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BF097277.D
 Acq: 2 Aug 2017 17:01

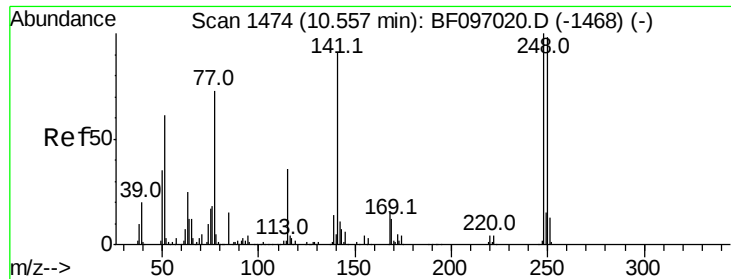
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.4	14.2
80	10.5	10.2	15.2

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

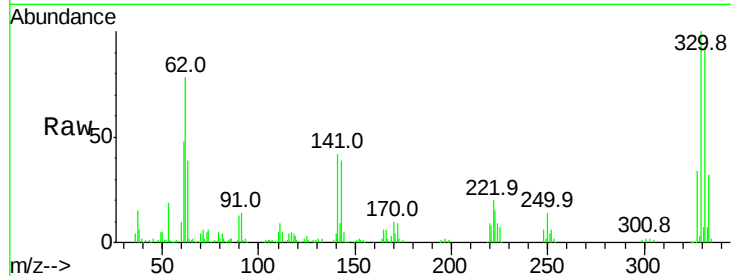




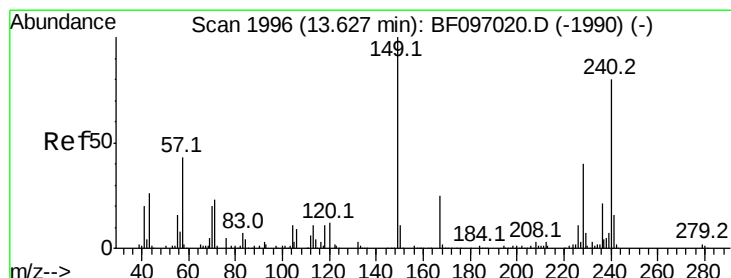
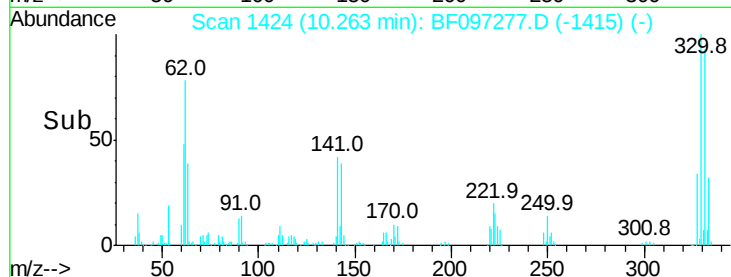
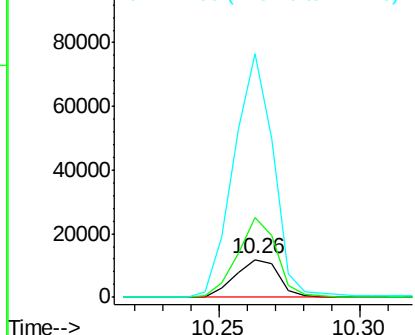
#66
 4-Bromophenyl-phenylether
 Concen: 3.499 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.25 min
 Lab File: BF097277.D
 Acq: 2 Aug 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 12491
 Ion Ratio Lower Upper
 248 100
 250 210.1 76.8 115.2#
 141 646.2 68.6 103.0#

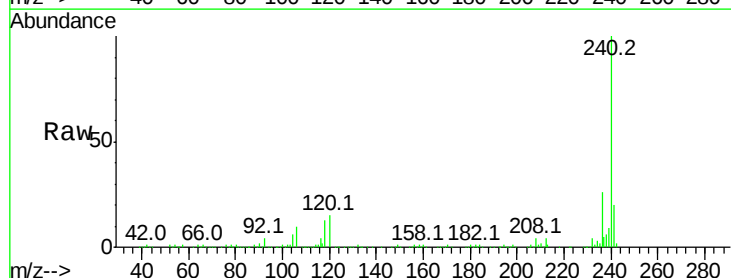


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

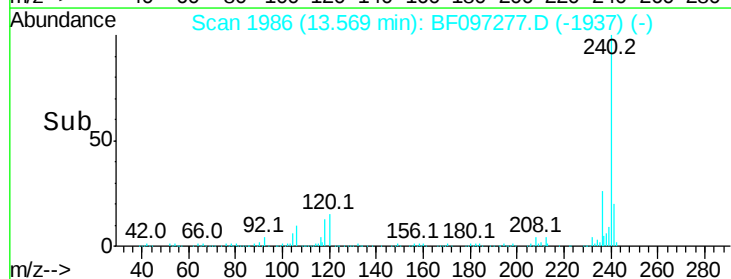
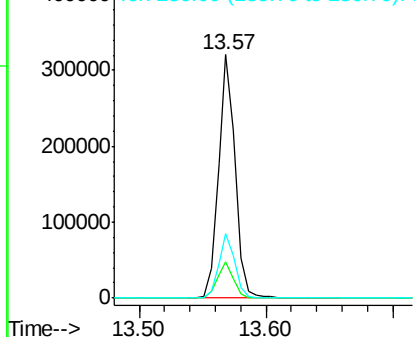


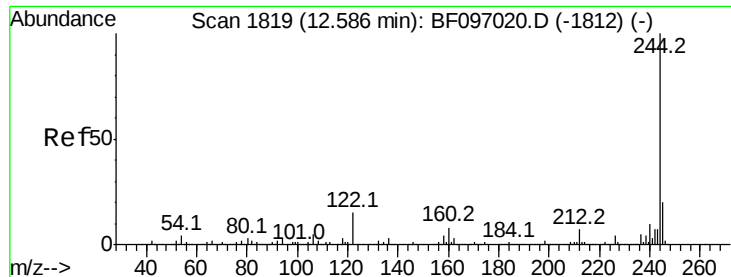
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.57 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF097277.D
 Acq: 2 Aug 2017 17:01

Tgt Ion:240 Resp: 294668
 Ion Ratio Lower Upper
 240 100
 120 14.9 5.8 8.8#
 236 26.2 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





#78

Terphenyl-d14

Concen: 50.796 ng

RT: 12.53 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF097277.D

Acq: 2 Aug 2017 17:01

Instrument :

BNA_F

ClientSampleId :

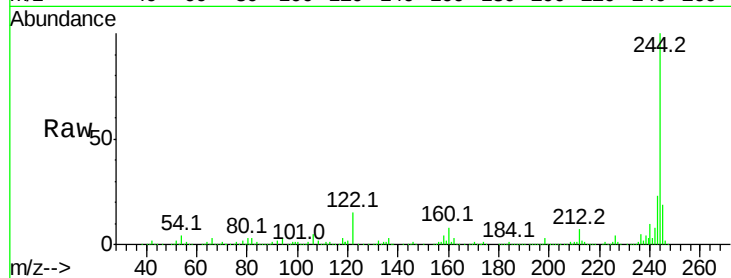
Tot Ion:244 Resp: 734138

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

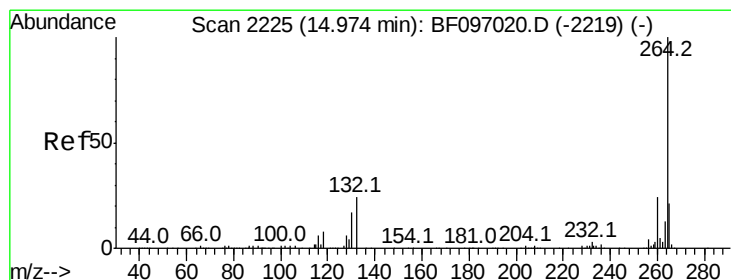
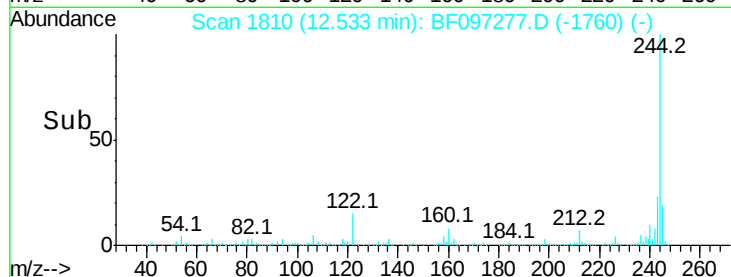
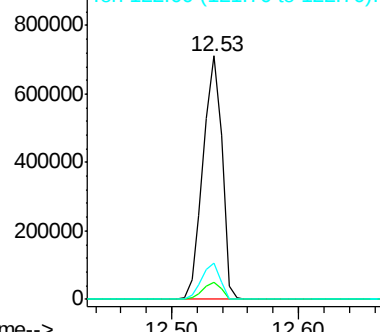
122 14.7 10.3 15.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.91 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF097277.D

Acq: 2 Aug 2017 17:01

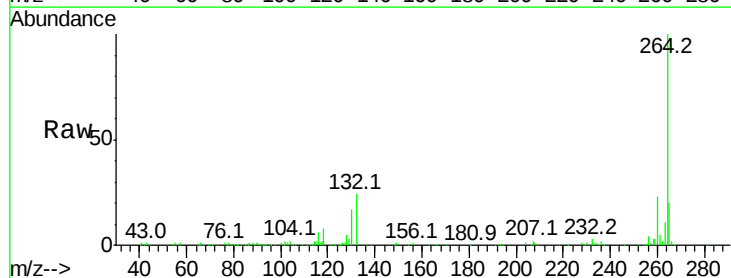
Tgt Ion:264 Resp: 207459

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 20.3 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

