

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098127.D
 Acq On : 29 Aug 2017 22:53
 Operator : SJ/JU
 Sample : I4992-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

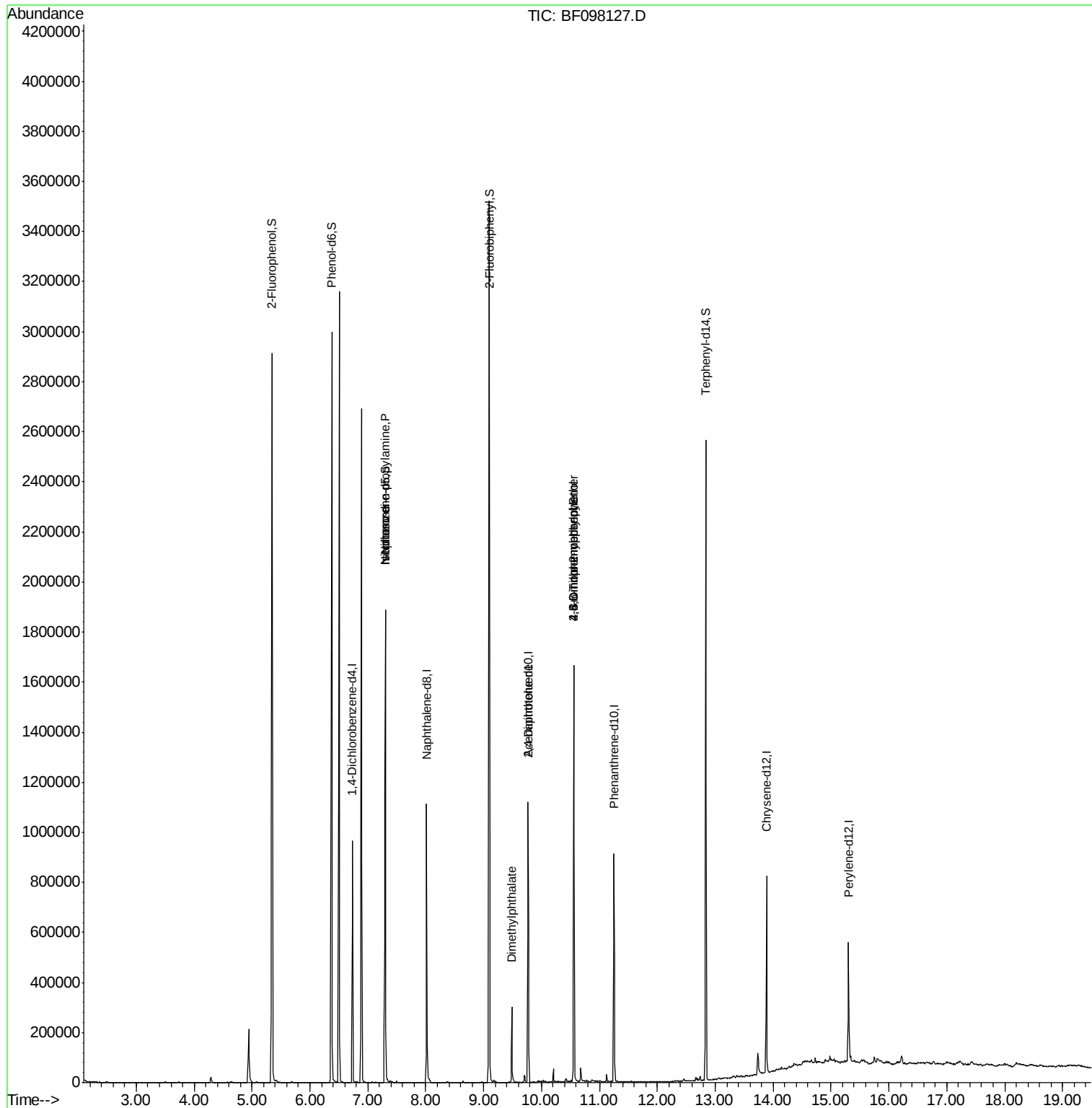
Quant Time: Aug 30 03:03:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	125002	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	481920	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	190550	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	301706	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	257350	20.00	ng	-0.01
86) Perylene-d12	15.30	264	200298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	954146	116.10	ng	0.00
7) Phenol-d6	6.37	99	1278726	114.52	ng	-0.01
23) Nitrobenzene-d5	7.30	82	795105	89.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	179838	108.77	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1130633	87.18	ng	-0.01
78) Terphenyl-d14	12.84	244	736900	59.71	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	105750	13.835	ng	# 72
25) Isophorone	7.30	82	785475	42.582	ng	# 67
49) Dimethylphthalate	9.49	163	104683	7.516	ng	# 98
56) 2,4-Dinitrotoluene	9.77	165	24035	6.888	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.56	198	498	8.610	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	12210	3.897	ng	# 1

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

```
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Acq On    : 29 Aug 2017  22:53
Operator  : SJ/JU
Sample    : I4992-01
Misc      :
ALS Vial  : 21      Sample Multiplier: 1
```

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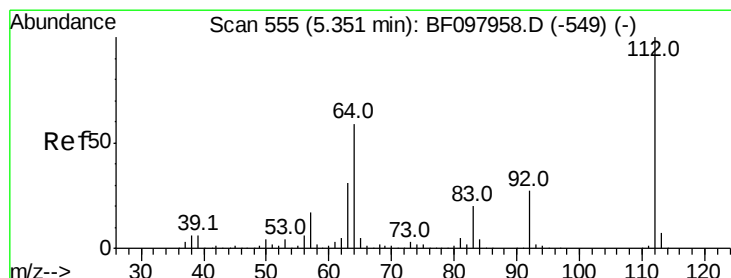
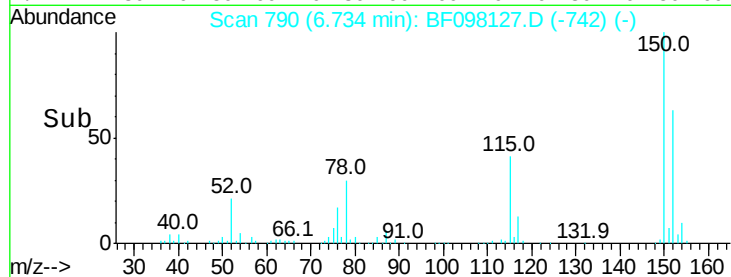
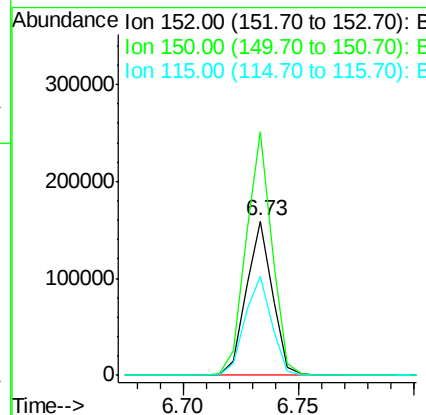
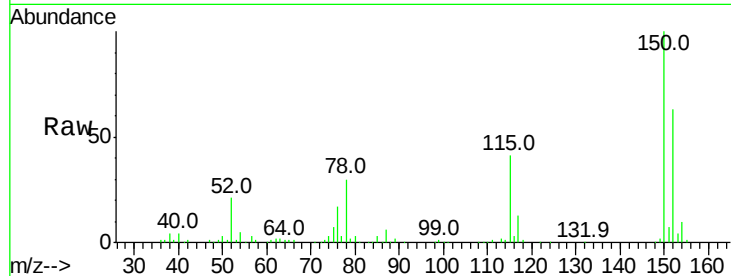


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098127.D
Acq: 29 Aug 2017 22:53

Instrument :
BNA_F
ClientSampleId :

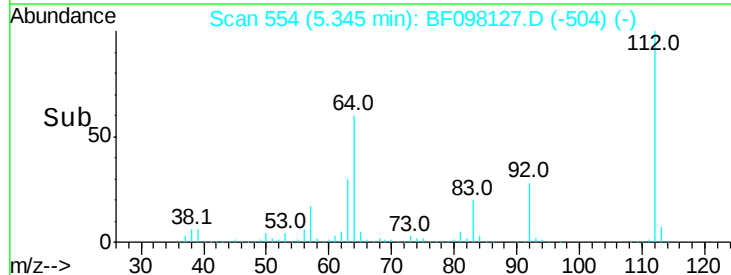
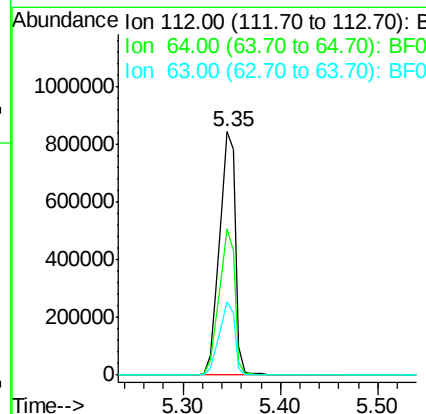
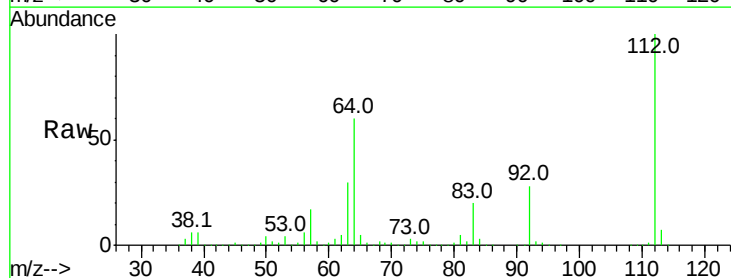
Tot Ion:152 Resp: 125002
Ion Ratio Lower Upper
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150 157.9 126.2 189.2
115 64.1 52.2 78.2

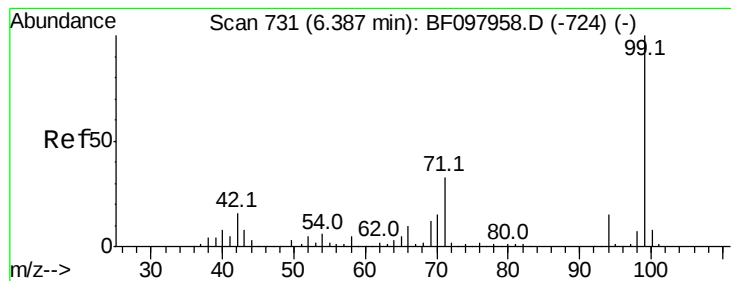


#5

2-Fluorophenol
Concen: 116.104 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF098127.D
Acq: 29 Aug 2017 22:53

Tgt Ion:112 Resp: 954146
Ion Ratio Lower Upper
112 100
64 60.2 46.0 69.0
63 30.2 23.4 35.0





#7

Phenol-d6

Concen: 114.520 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098127.D

Acq: 29 Aug 2017 22:53

Instrument :

BNA_F

ClientSampleId :

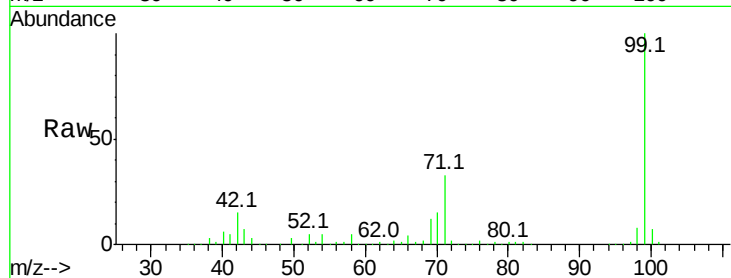
Tot Ion: 99 Resp: 1278726

Ion Ratio Lower Upper

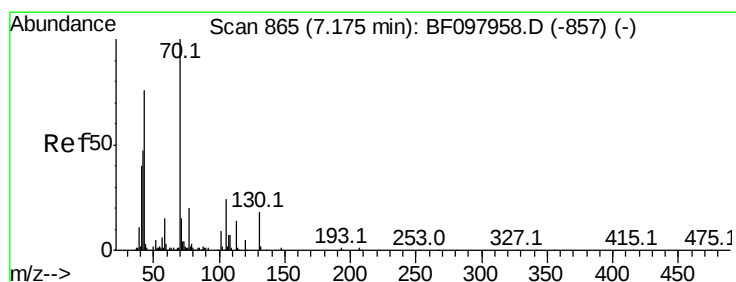
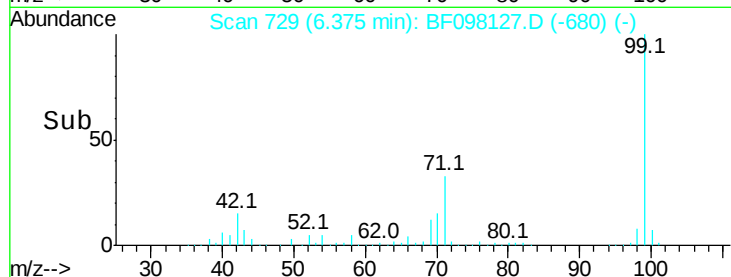
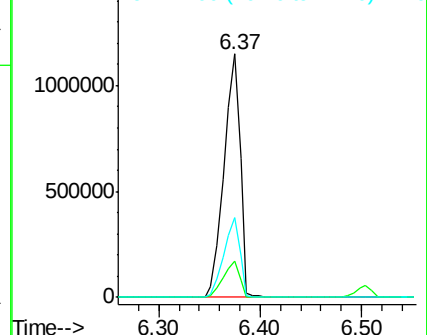
99 100

42 14.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.835 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.12 min

Lab File: BF098127.D

Acq: 29 Aug 2017 22:53

Tgt Ion: 70 Resp: 105750

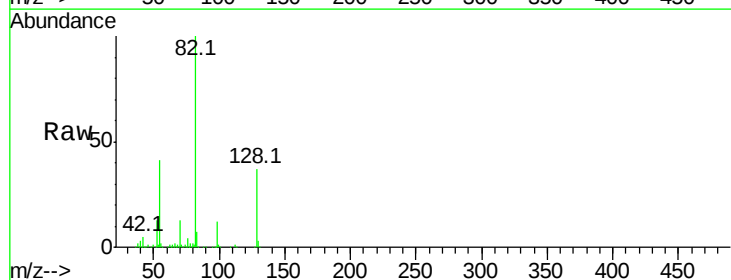
Ion Ratio Lower Upper

70 100

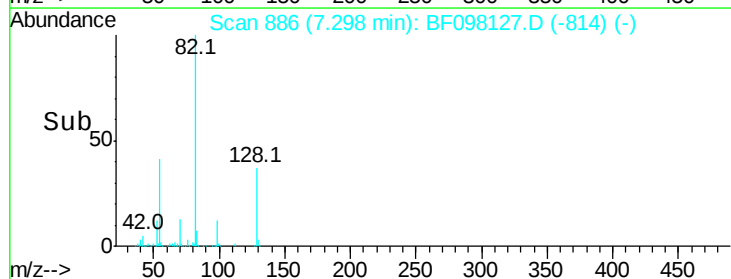
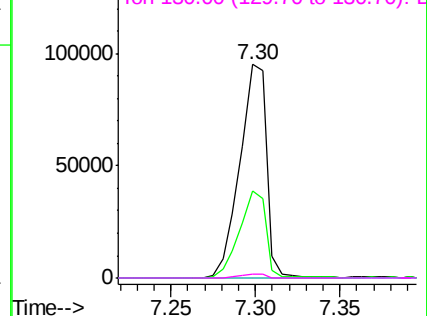
42 40.6 47.2 70.8#

101 0.0 7.2 10.8#

130 1.7 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

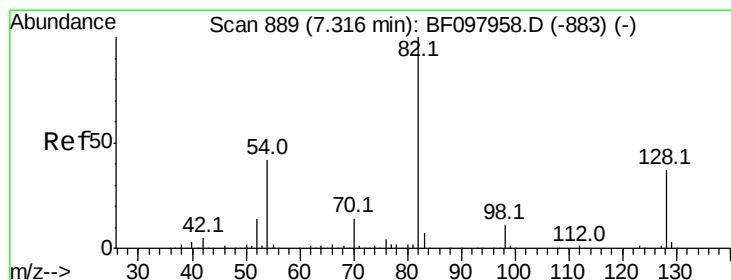
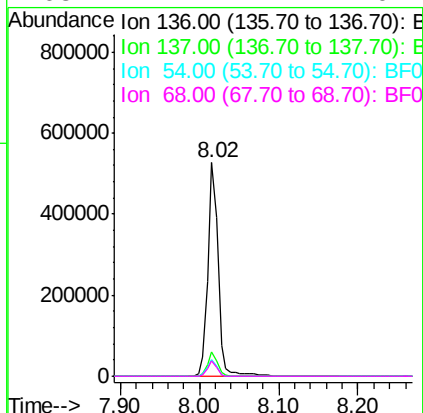
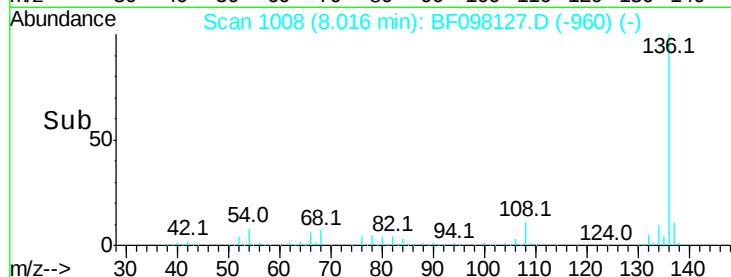
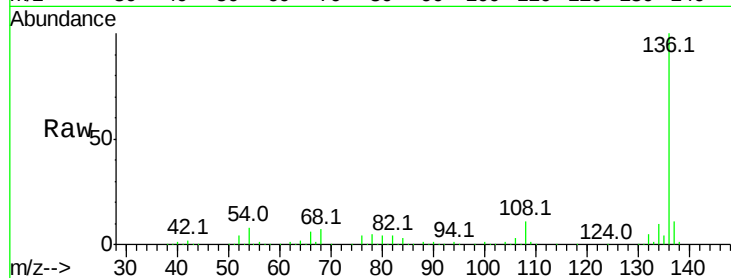




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF098127.D
Acq: 29 Aug 2017 22:53

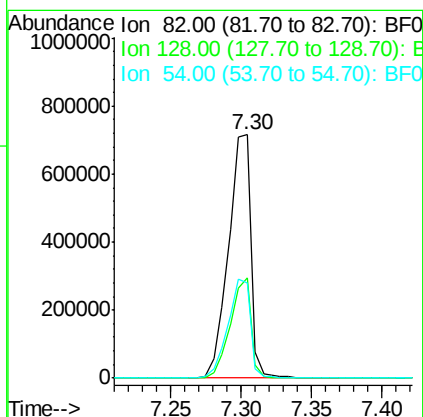
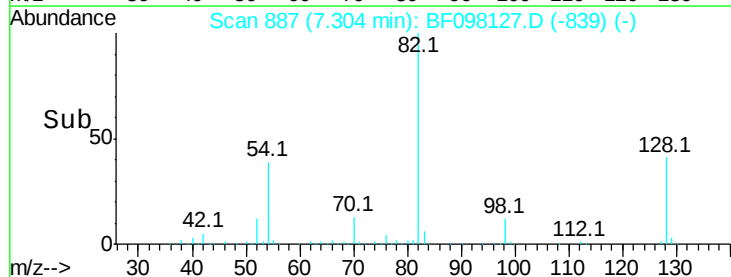
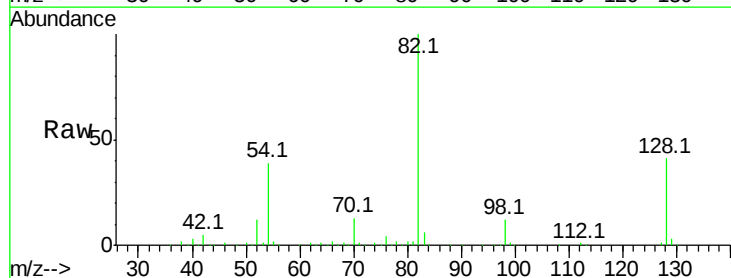
Instrument :
BNA_F
ClientSampleId :

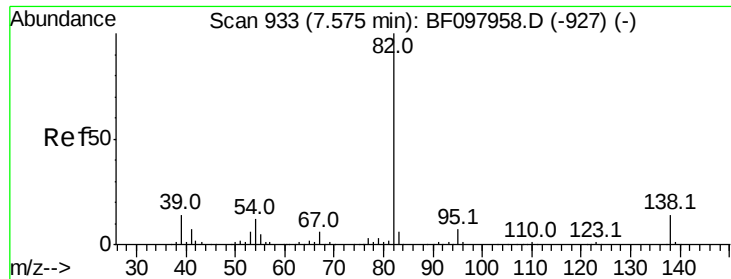
Tot Ion:	136	Resp:	481920
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.8	4.9	7.3#
68	7.4	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 89.628 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098127.D
Acq: 29 Aug 2017 22:53

Tgt Ion:	82	Resp:	795105
Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.0	51.0
54	39.2	42.2	63.2#





#25

Isophorone

Concen: 42.582 ng

RT: 7.30 min Scan# 887

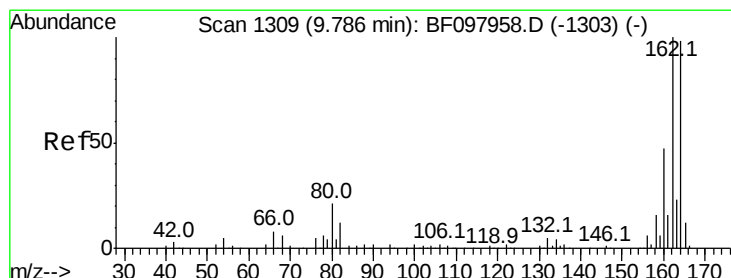
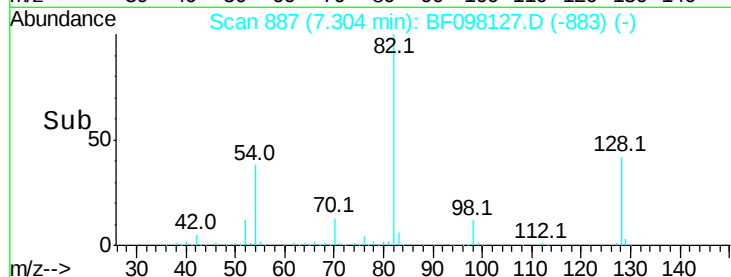
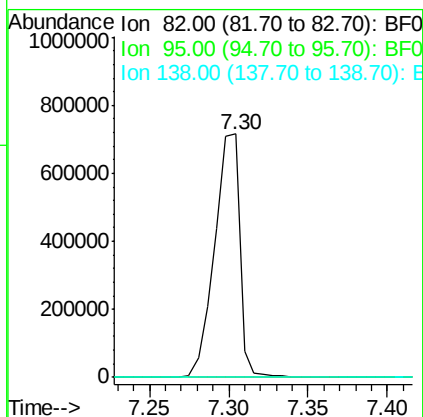
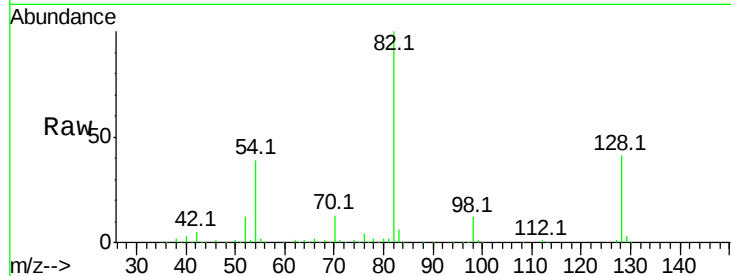
Delta R.T. -0.28 min

Lab File: BF098127.D

Acq: 29 Aug 2017 22:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	82	Resp:	785475
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

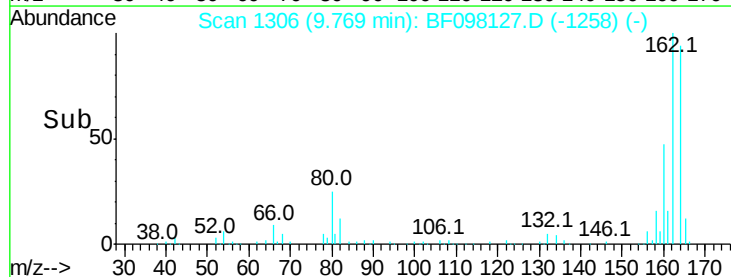
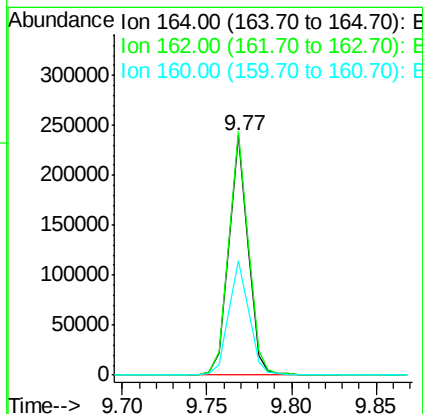
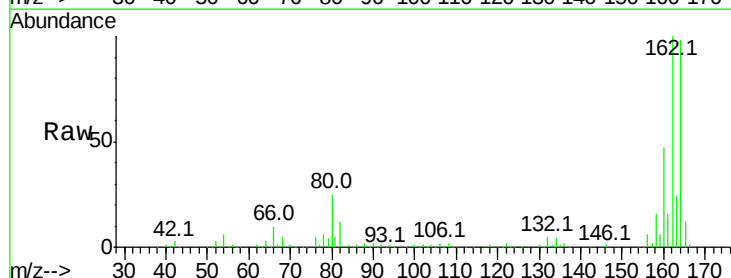
RT: 9.77 min Scan# 1306

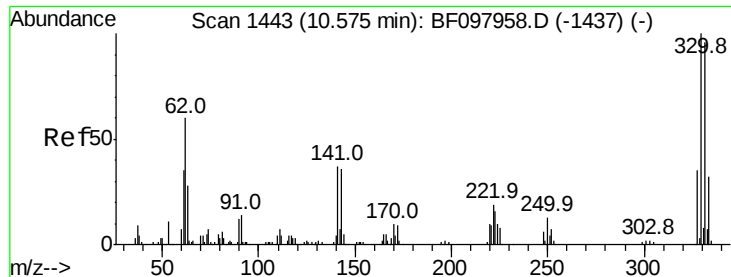
Delta R.T. -0.02 min

Lab File: BF098127.D

Acq: 29 Aug 2017 22:53

Tgt Ion:	164	Resp:	190550
Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	47.8	36.2	54.2

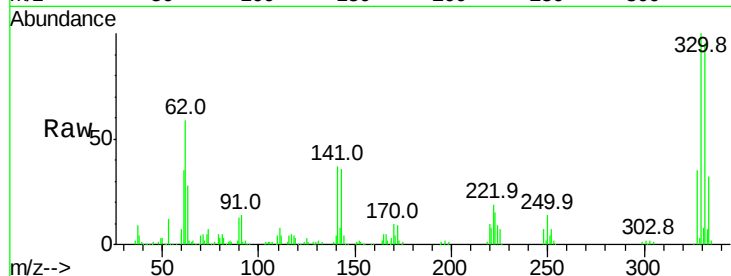




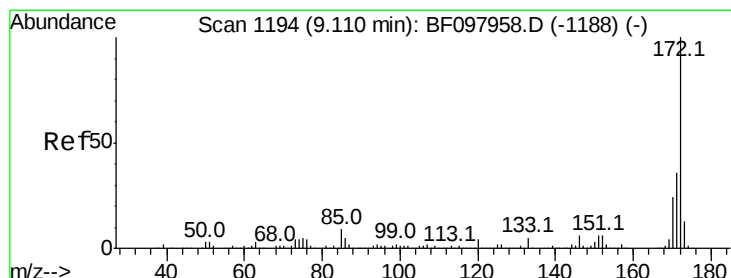
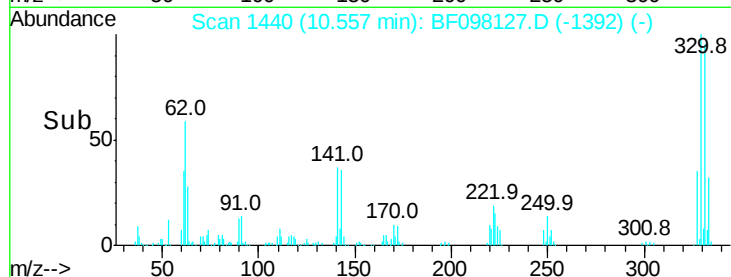
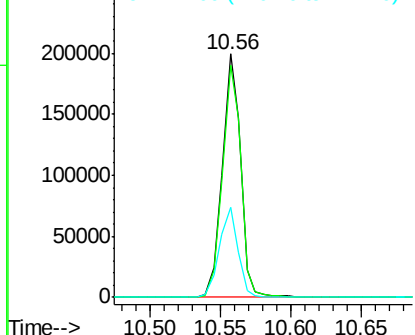
#41
 2,4,6-Tribromophenol
 Concen: 108.773 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098127.D
 Acq: 29 Aug 2017 22:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 179838
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 37.8 31.4 47.2

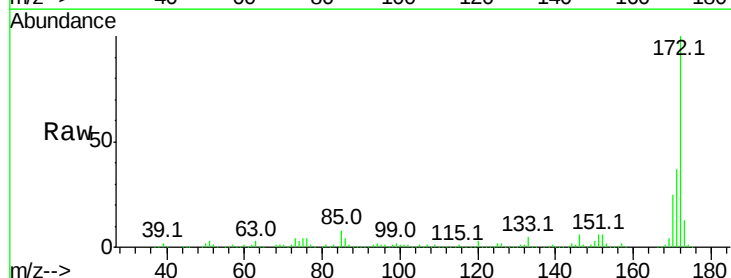


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

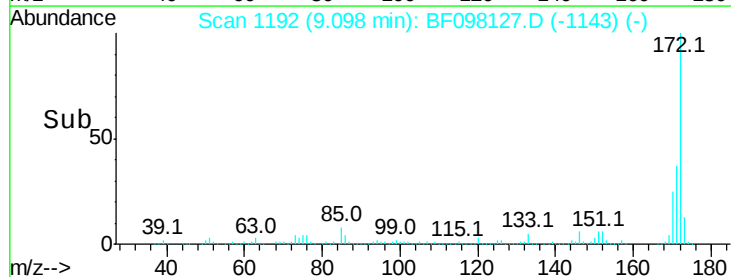
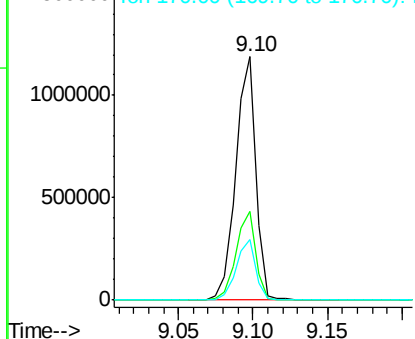


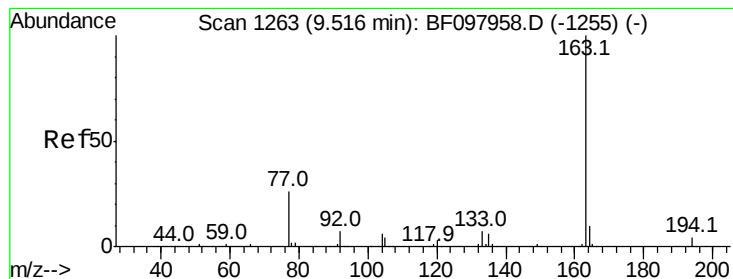
#44
 2-Fluorobiphenyl
 Concen: 87.176 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098127.D
 Acq: 29 Aug 2017 22:53

Tgt Ion:172 Resp: 1130633
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.7 19.8 29.8



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





#49

Dimethylphthalate

Concen: 7.516 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF098127.D

Acq: 29 Aug 2017 22:53

Instrument :

BNA_F

ClientSampleId :

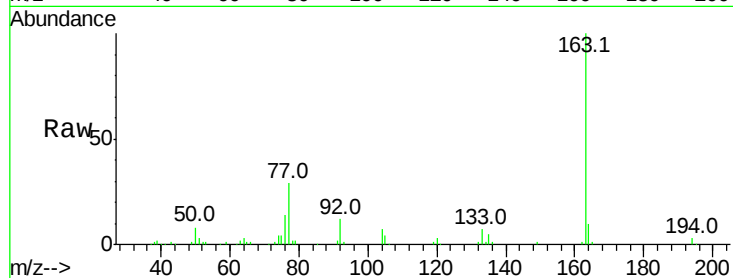
Tot Ion:163 Resp: 104683

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

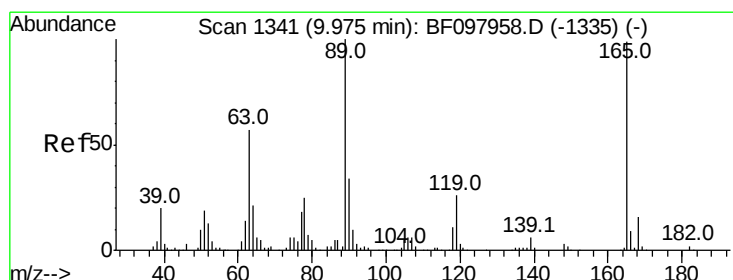
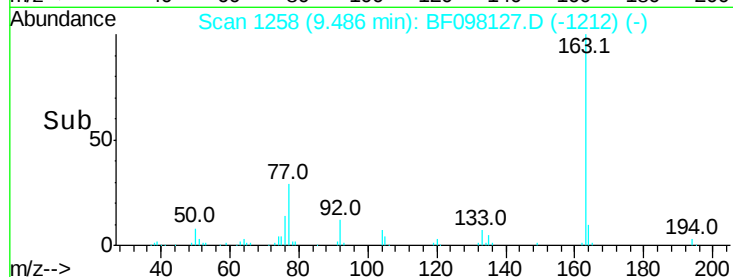
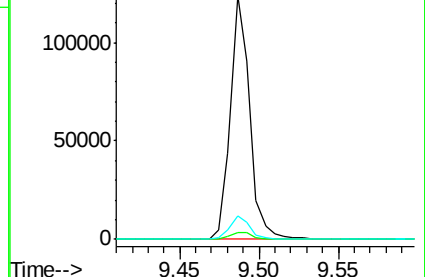
164 9.7 8.4 12.6



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: 6.888 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.21 min

Lab File: BF098127.D

Acq: 29 Aug 2017 22:53

Tgt Ion:165 Resp: 24035

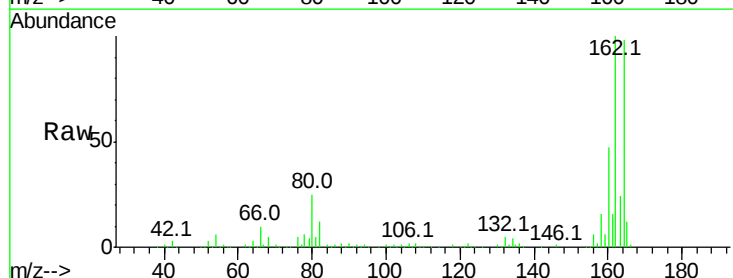
Ion Ratio Lower Upper

165 100

63 1.6 25.4 38.0#

89 2.1 46.4 69.6#

182 0.0 1.8 2.6#

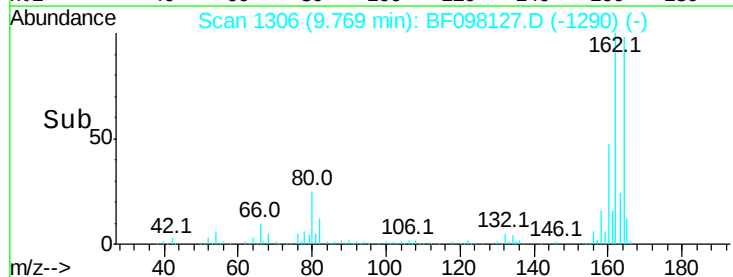
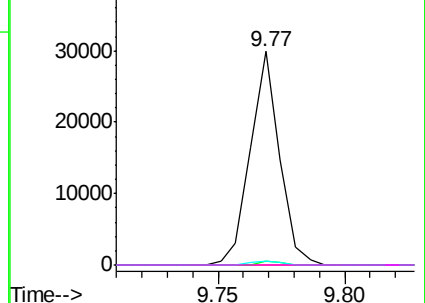


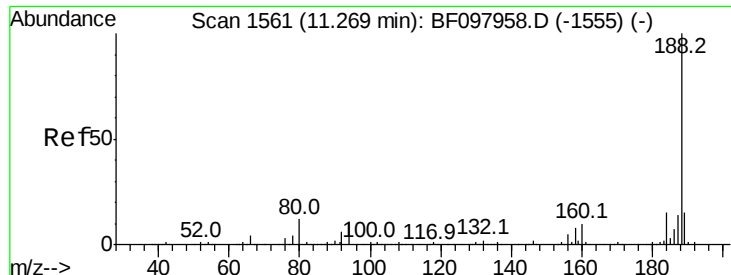
Abundance Ion 165.00 (164.70 to 165.70): E

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

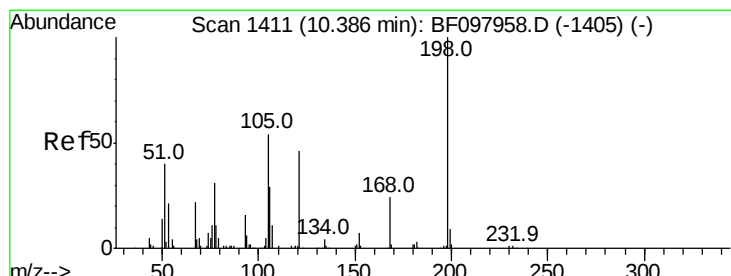
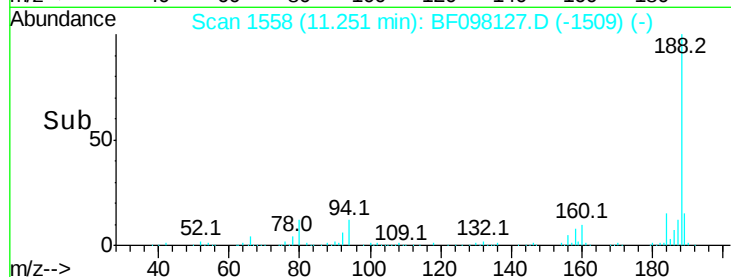
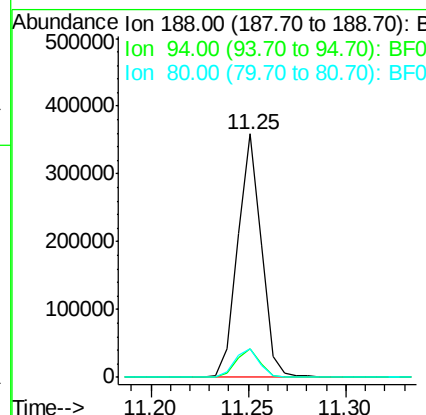
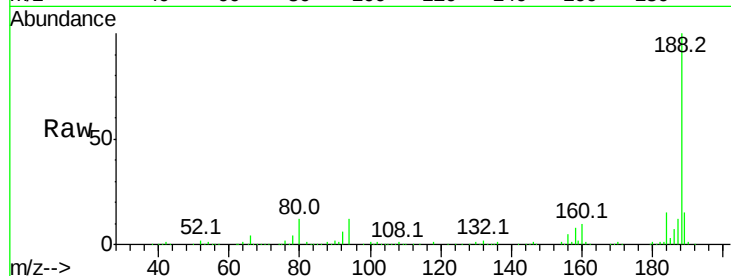




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF098127.D
 Acq: 29 Aug 2017 22:53

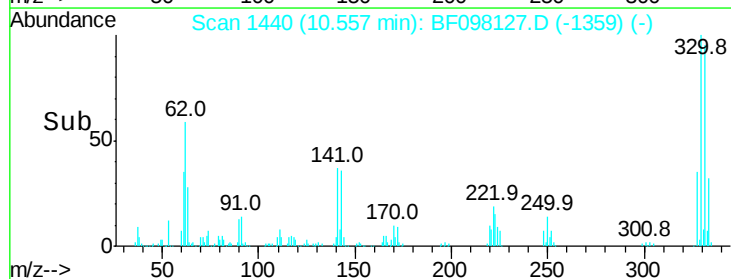
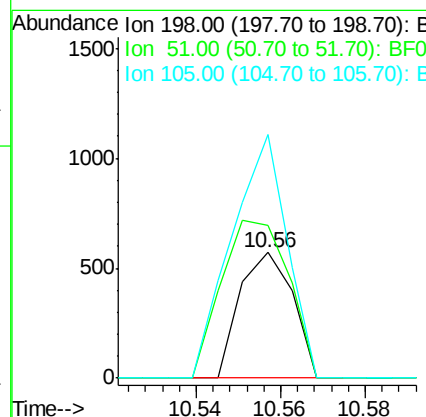
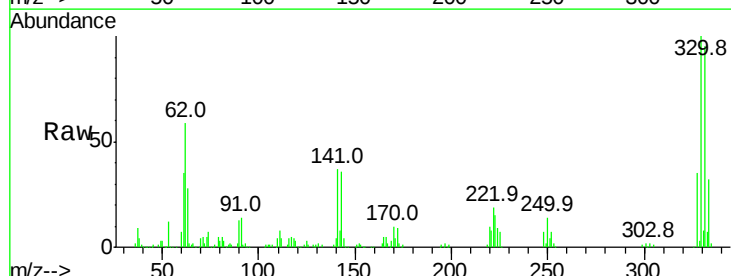
Instrument :
 BNA_F
 ClientSampled :

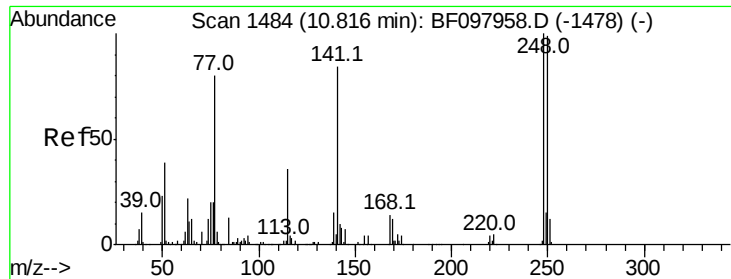
Tot Ion:188 Resp: 301706
 Ion Ratio Lower Upper
 188 100
 94 11.5 9.4 14.2
 80 11.9 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.610 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.18 min
 Lab File: BF098127.D
 Acq: 29 Aug 2017 22:53

Tgt Ion:198 Resp: 498
 Ion Ratio Lower Upper
 198 100
 51 121.4 53.2 93.2#
 105 194.0 45.8 85.8#

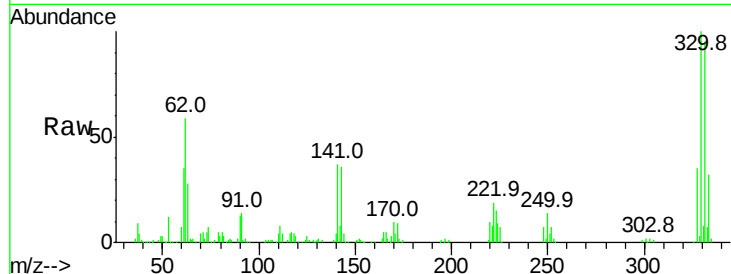




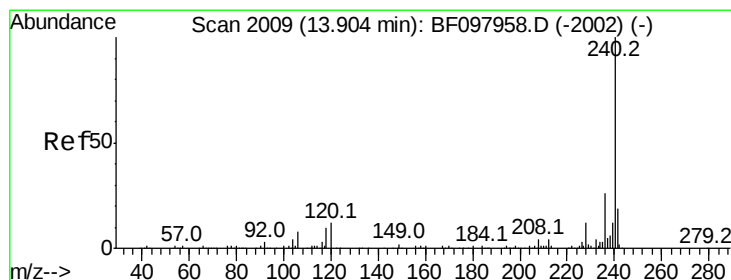
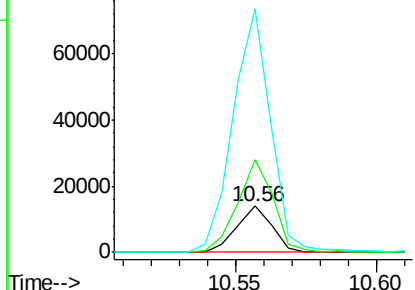
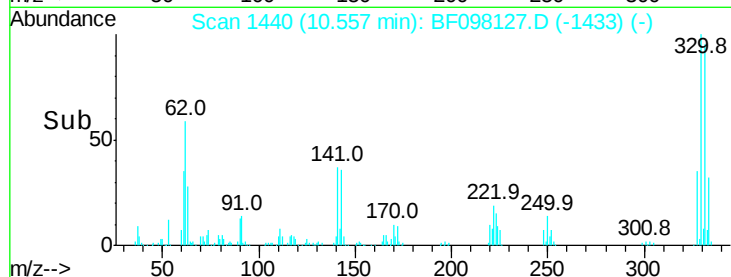
#66
 4-Bromophenyl-phenylether
 Concen: 3.897 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.26 min
 Lab File: BF098127.D
 Acq: 29 Aug 2017 22:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 12210
 Ion Ratio Lower Upper
 248 100
 250 198.6 76.8 115.2#
 141 524.7 68.6 103.0#

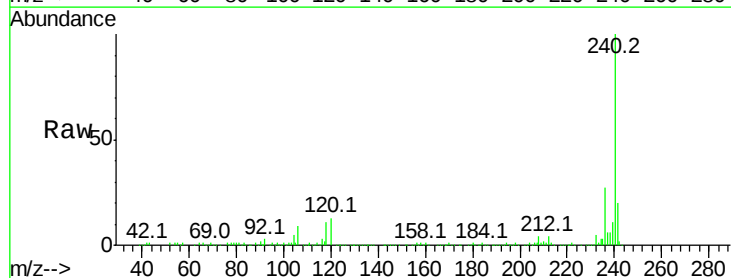


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

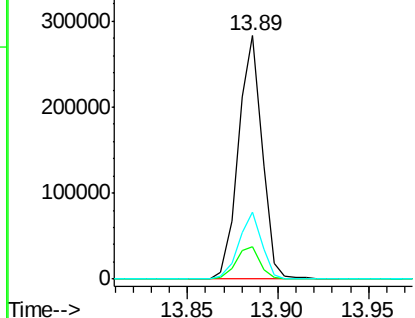
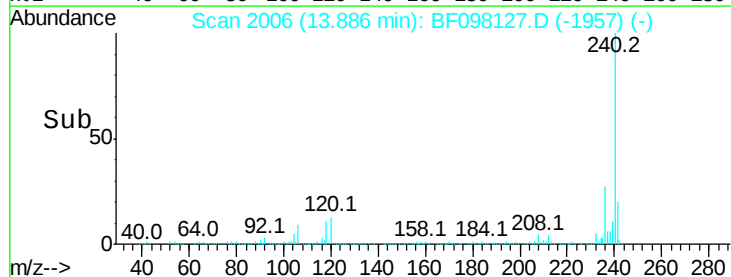


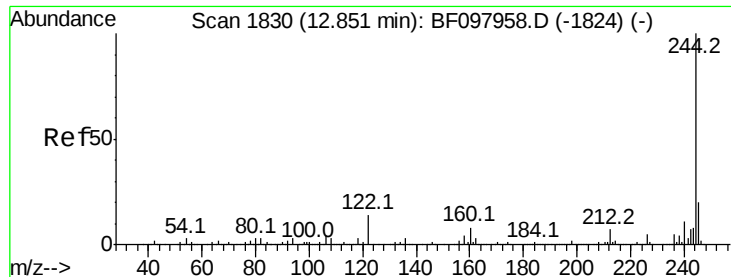
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF098127.D
 Acq: 29 Aug 2017 22:53

Tgt Ion:240 Resp: 257350
 Ion Ratio Lower Upper
 240 100
 120 13.2 5.8 8.8#
 236 27.4 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

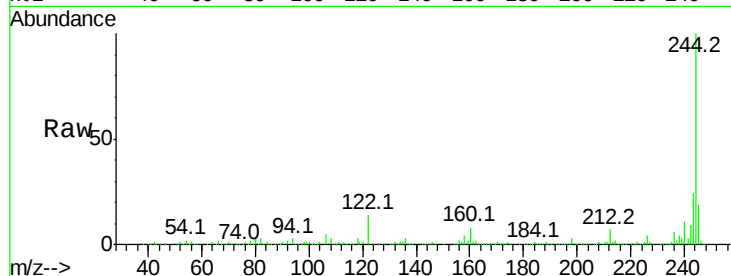




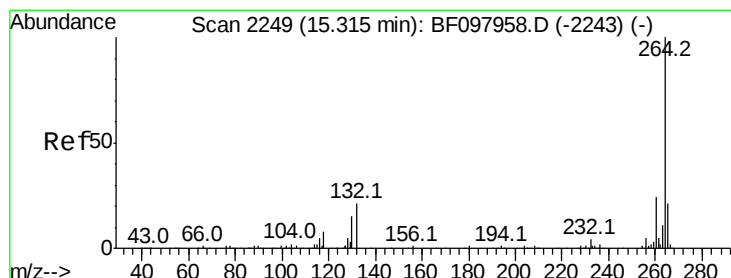
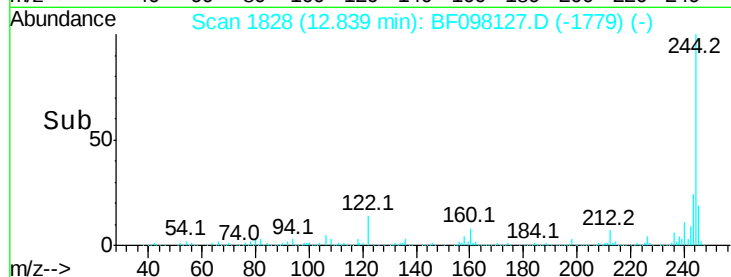
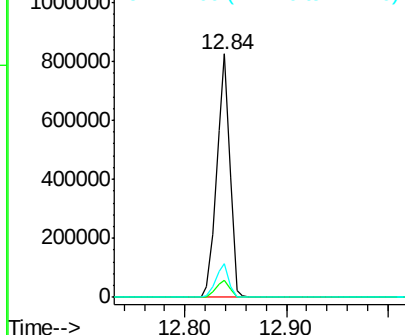
#78
 Terphenyl-d14
 Concen: 59.712 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF098127.D
 Acq: 29 Aug 2017 22:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 736900
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.7 10.3 15.5

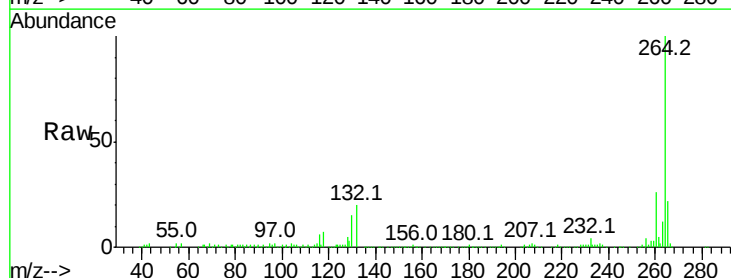


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098127.D
 Acq: 29 Aug 2017 22:53

Tgt Ion:264 Resp: 200298
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.5 29.3
 265 22.3 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

