

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097955.D
 Acq On : 22 Aug 2017 14:59
 Operator : SJ/JU
 Sample : I4900-19
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 22 16:01:21 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

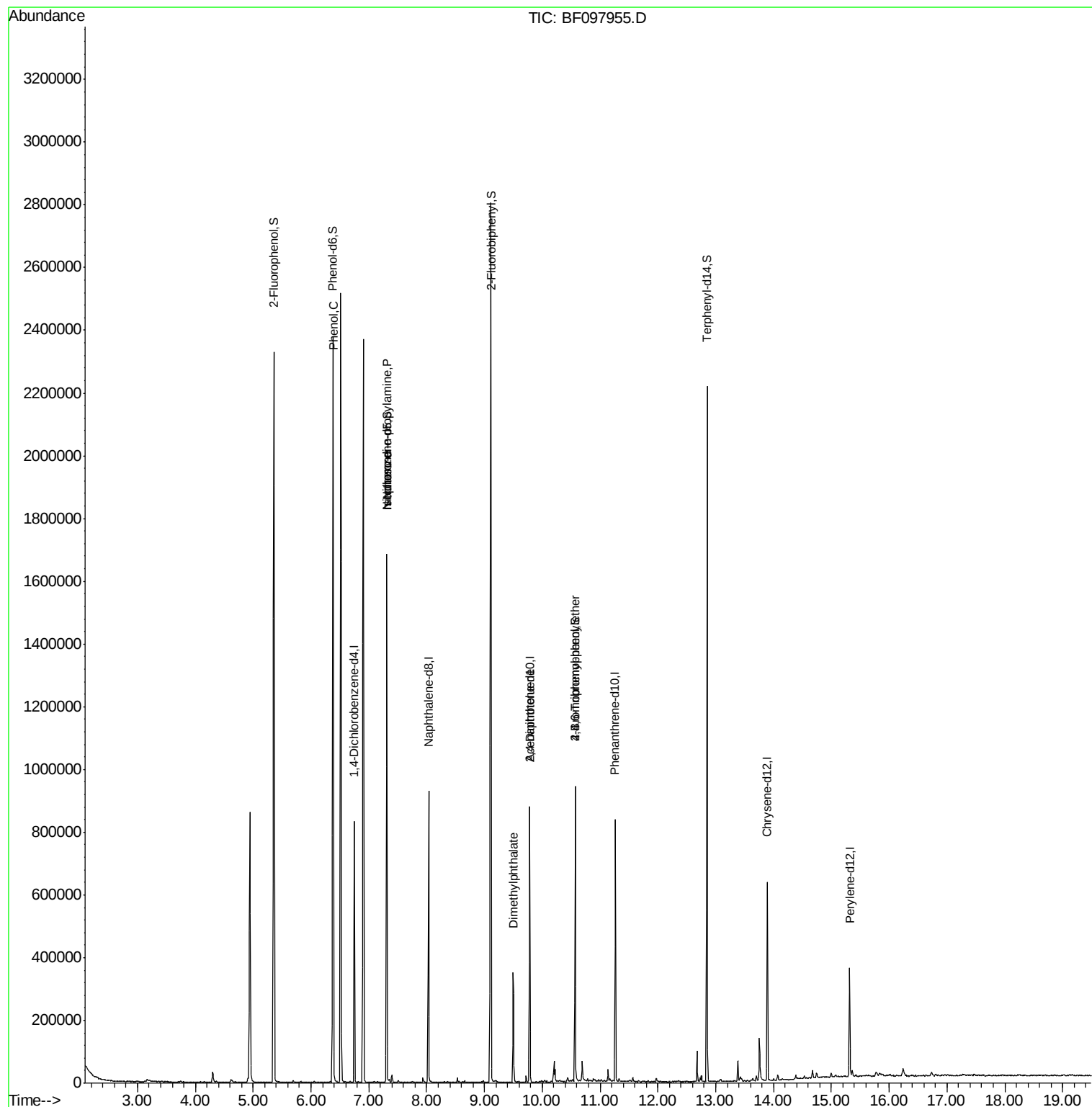
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	113487	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	420346	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	157328	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	267916	20.00	ng	0.00
75) Chrysene-d12	13.90	240	224156	20.00	ng	0.00
86) Perylene-d12	15.32	264	150316	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	686066	91.95	ng	0.00
7) Phenol-d6	6.38	99	981547	96.83	ng	0.00
23) Nitrobenzene-d5	7.31	82	619678	80.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	89373	65.47	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	878158	82.01	ng	0.00
78) Terphenyl-d14	12.85	244	641914	59.72	ng	0.00
Target Compounds						
10) Phenol	6.39	94	24666	2.080	ng	97
19) n-Nitroso-di-n-propylamine	7.31	70	82792	11.930	ng	# 74
25) Isophorone	7.31	82	604736	37.586	ng	# 67
49) Dimethylphthalate	9.50	163	122386	10.642	ng	99
56) 2,4-Dinitrotoluene	9.78	165	19921	6.915	ng	# 32
66) 4-Bromophenyl-phenylether	10.57	248	6336	2.277	ng	# 1

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

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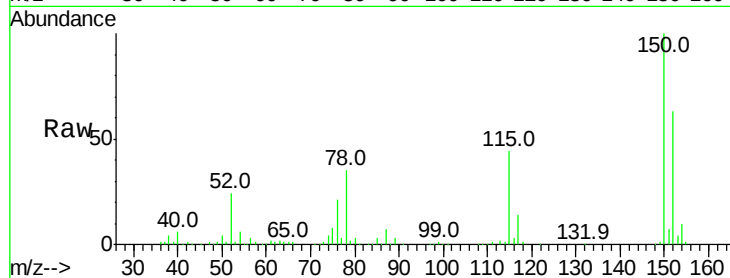


#1

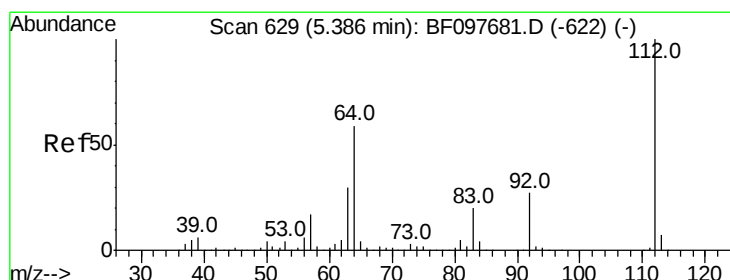
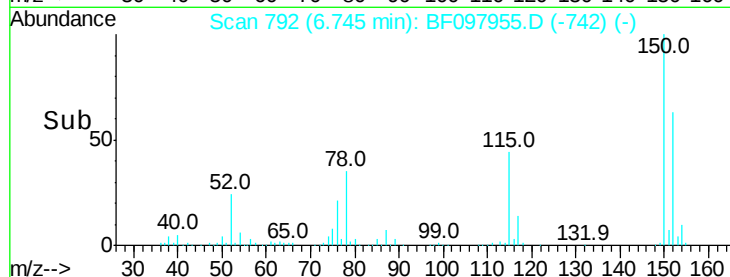
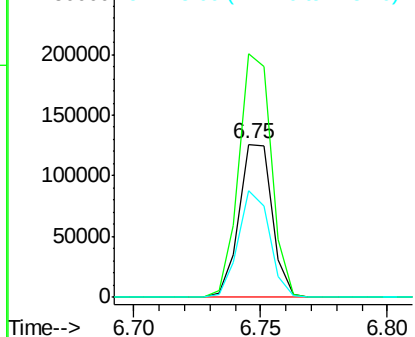
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF097955.D
Acq: 22 Aug 2017 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113487
Ion Ratio Lower Upper
152 100
150 158.9 126.2 189.2
115 69.8 52.2 78.2



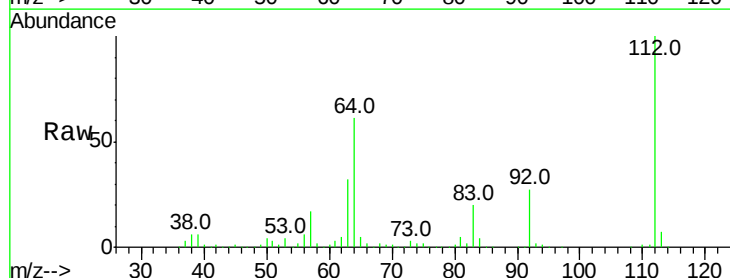
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



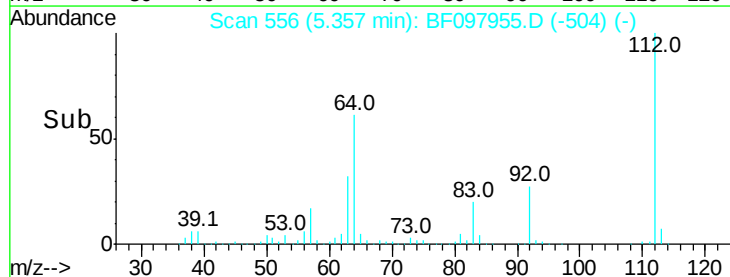
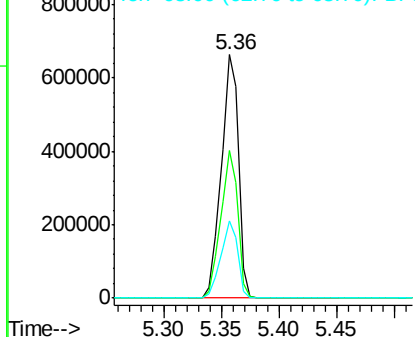
#5

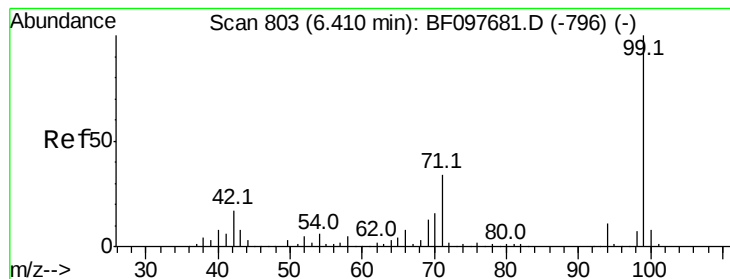
2-Fluorophenol
Concen: 91.954 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF097955.D
Acq: 22 Aug 2017 14:59

Tgt Ion:112 Resp: 686066
Ion Ratio Lower Upper
112 100
64 60.7 46.0 69.0
63 31.5 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: 96.825 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097955.D

Acq: 22 Aug 2017 14:59

Instrument :

BNA_F

ClientSampleId :

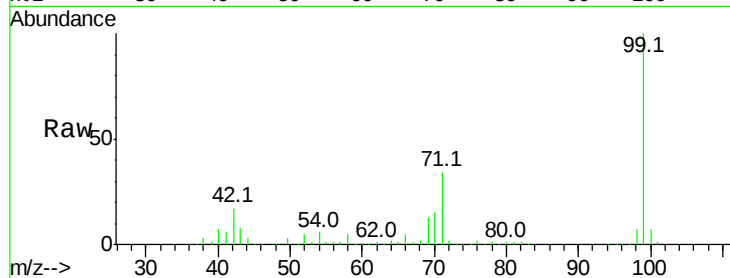
Tot Ion: 99 Resp: 981547

Ion Ratio Lower Upper

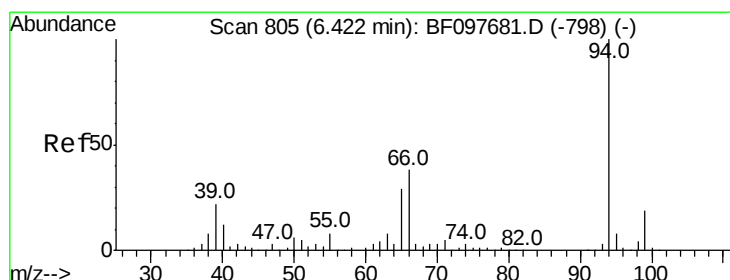
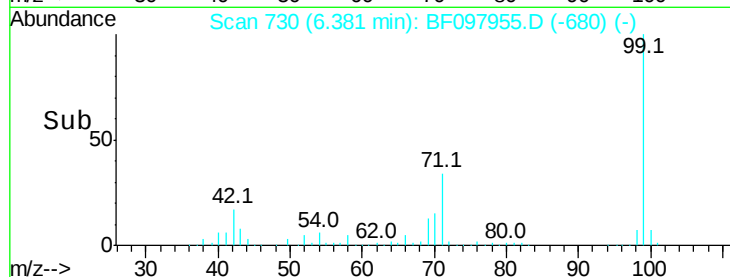
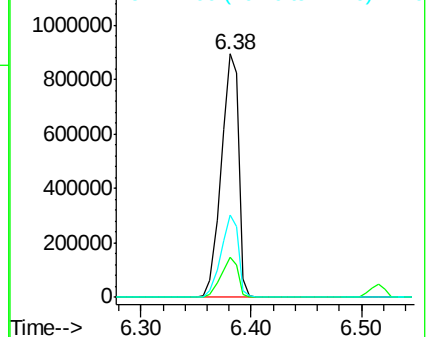
99 100

42 16.6 13.5 20.3

71 33.7 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: 2.080 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097955.D

Acq: 22 Aug 2017 14:59

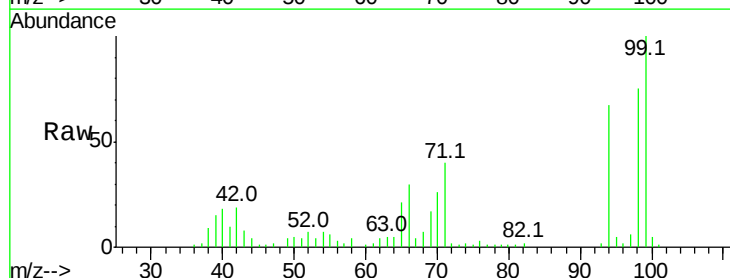
Tgt Ion: 94 Resp: 24666

Ion Ratio Lower Upper

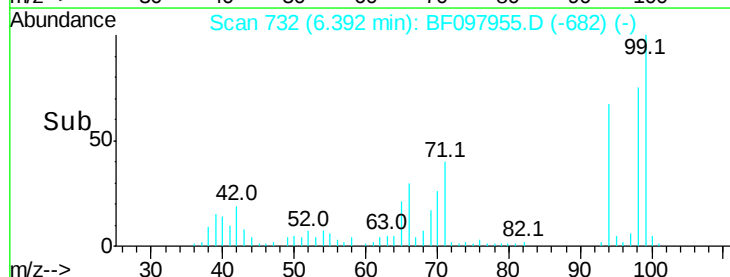
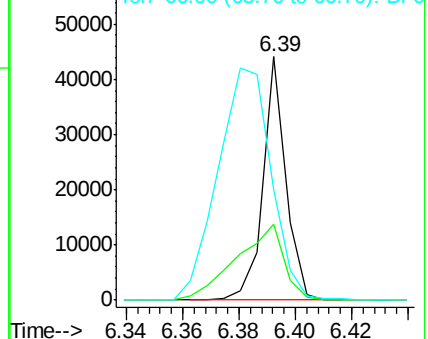
94 100

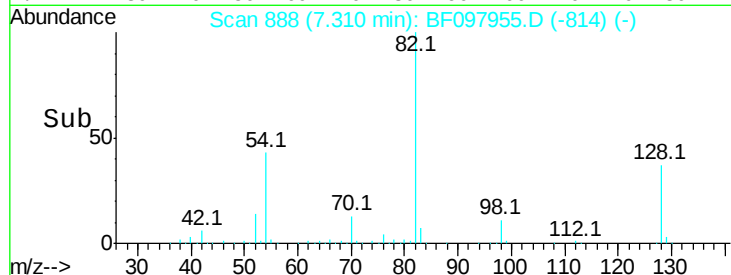
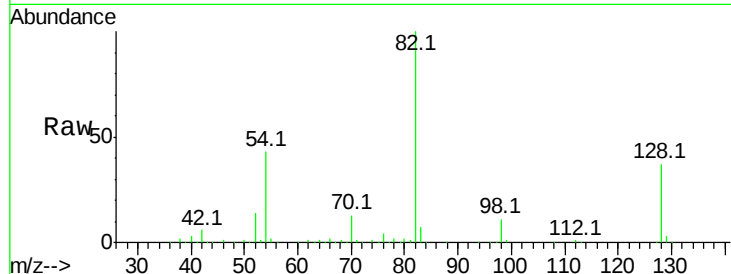
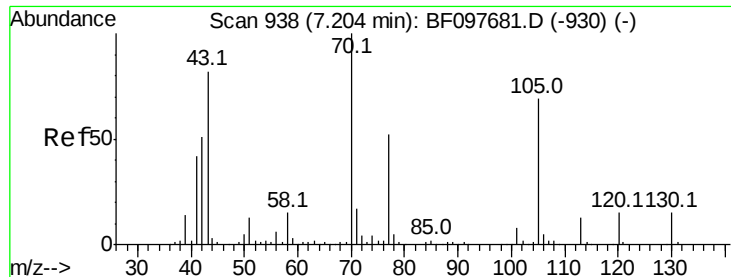
65 31.3 9.9 49.9

66 45.5 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

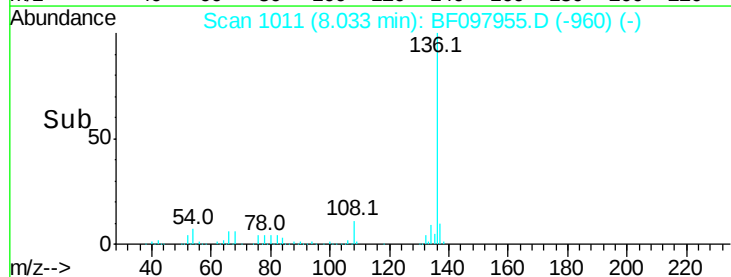
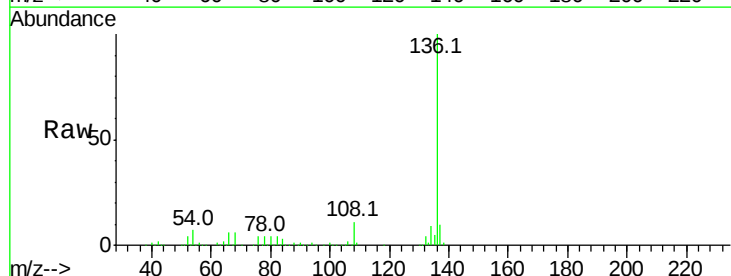
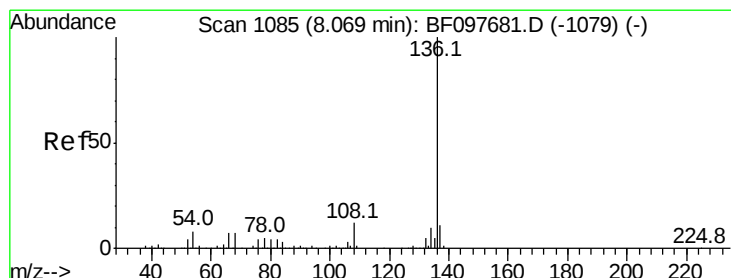
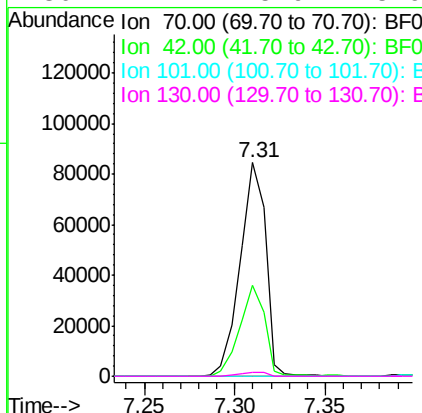




#19
n-Nitroso-di-n-propylamine
Concen: 11.930 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF097955.D
Acq: 22 Aug 2017 14:59

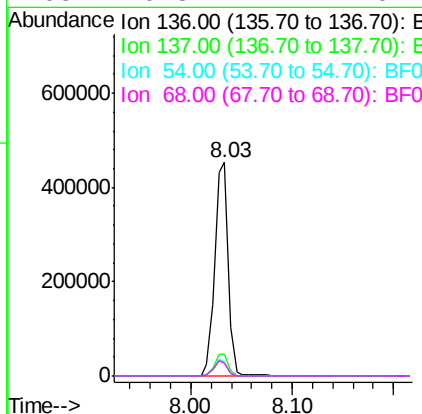
Instrument :
BNA_F
ClientSampleId :

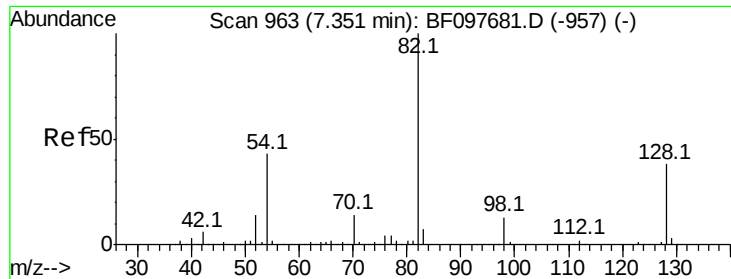
Tot Ion:	70	Resp:	82792
Ion	Ratio	Lower	Upper
70	100		
42	42.8	47.2	70.8#
101	0.0	7.2	10.8#
130	1.7	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF097955.D
Acq: 22 Aug 2017 14:59

Tgt Ion:	136	Resp:	420346
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.7	4.9	7.3
68	6.3	4.1	6.1#





#23

Nitrobenzene-d5

Concen: 80.086 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF097955.D

Acq: 22 Aug 2017 14:59

Instrument :

BNA_F

ClientSampled :

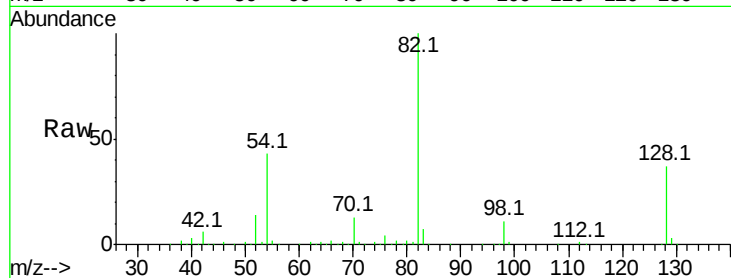
Tot Ion: 82 Resp: 619678

Ion Ratio Lower Upper

82 100

128 36.7 34.0 51.0

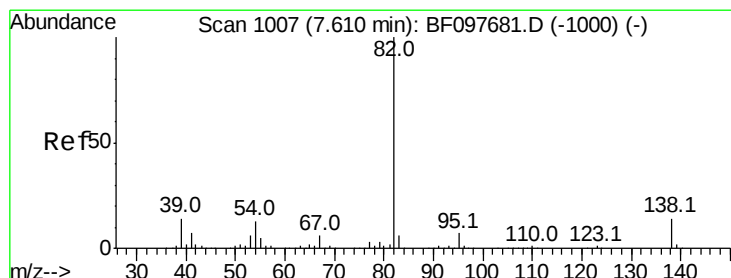
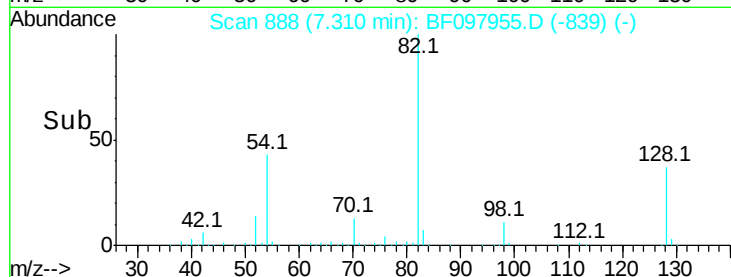
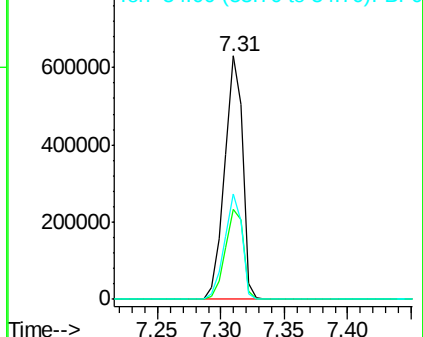
54 43.1 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 37.586 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.27 min

Lab File: BF097955.D

Acq: 22 Aug 2017 14:59

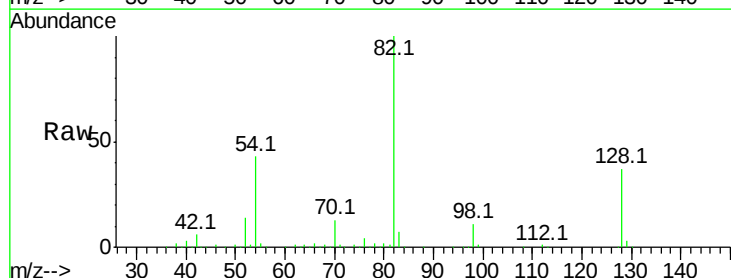
Tgt Ion: 82 Resp: 604736

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

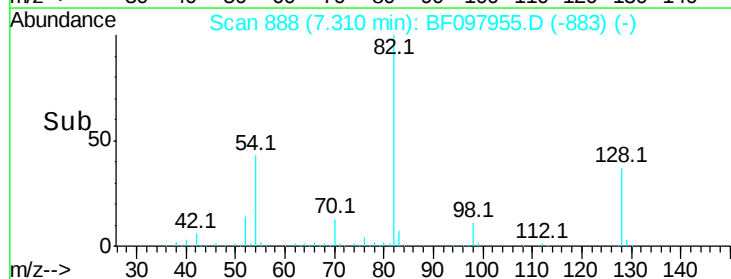
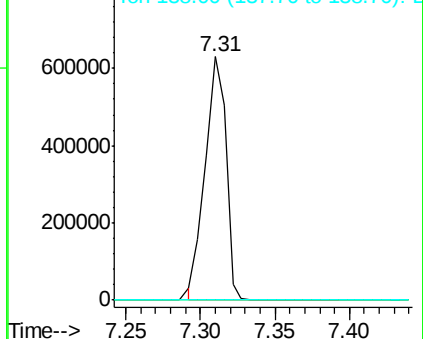
138 0.0 13.1 19.7#

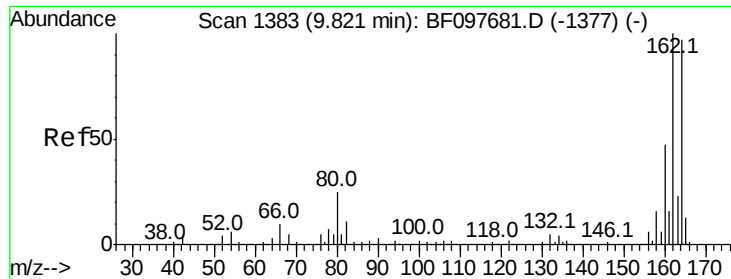


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

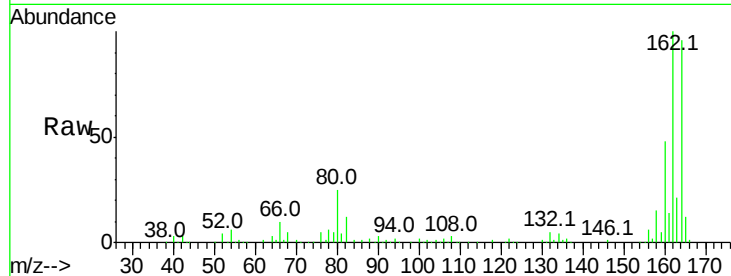




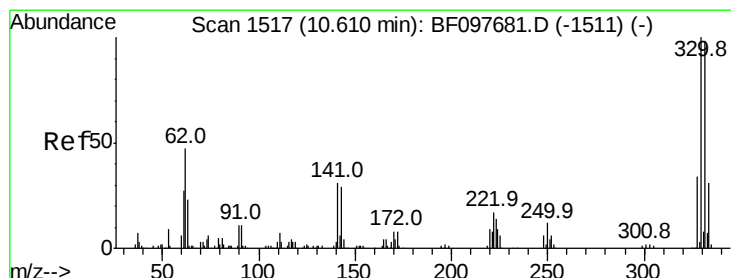
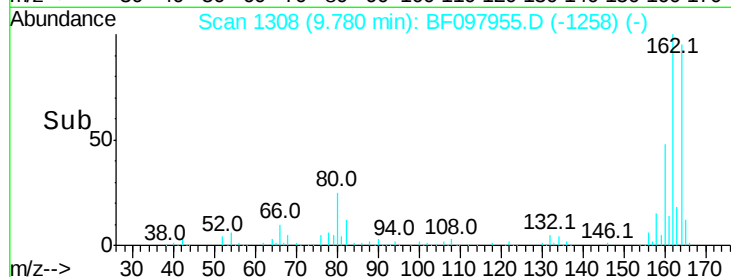
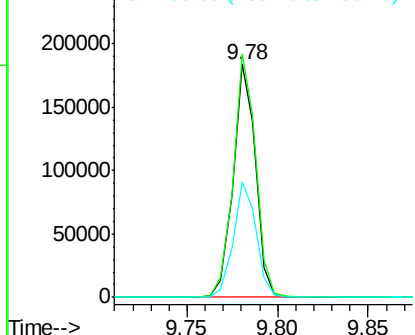
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF097955.D
Acq: 22 Aug 2017 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 157328
Ion Ratio Lower Upper
164 100
162 104.5 82.6 123.8
160 49.8 36.2 54.2

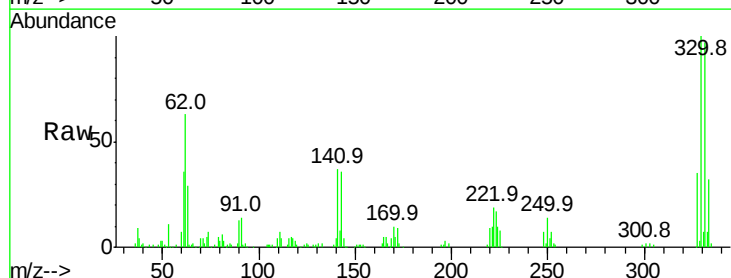


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

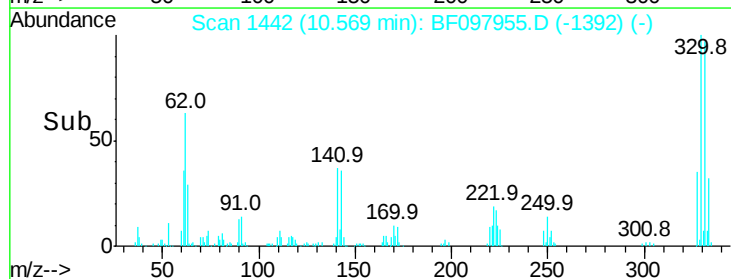
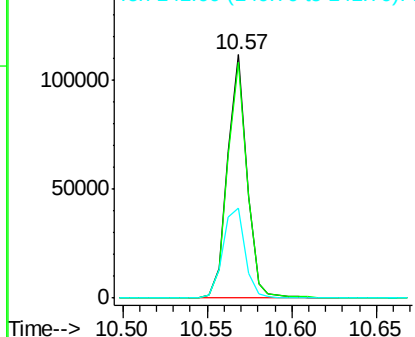


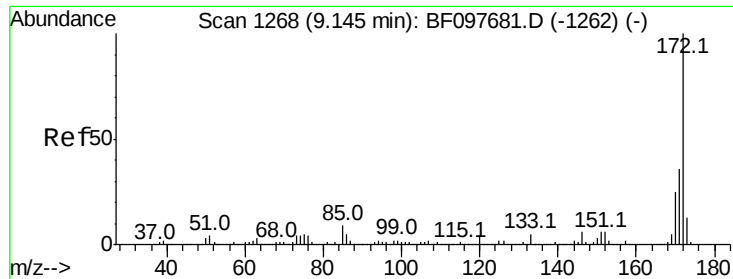
#41
2,4,6-Tribromophenol
Concen: 65.471 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF097955.D
Acq: 22 Aug 2017 14:59

Tgt Ion:330 Resp: 89373
Ion Ratio Lower Upper
330 100
332 97.5 76.6 115.0
141 42.8 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

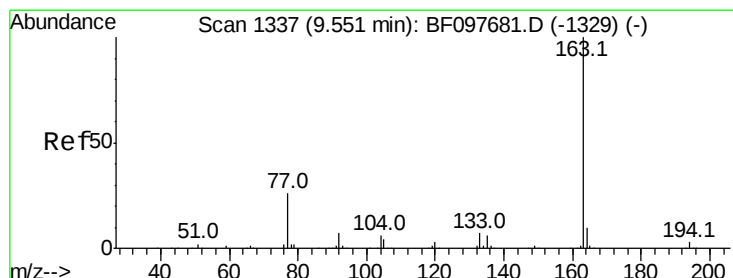
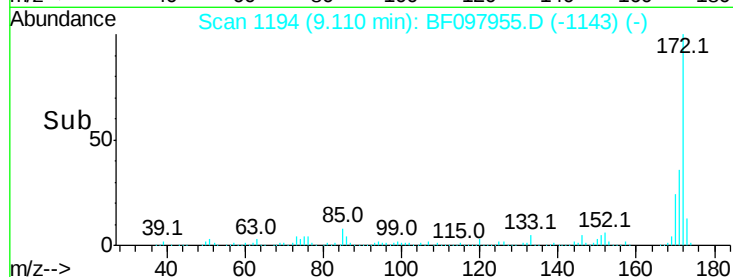
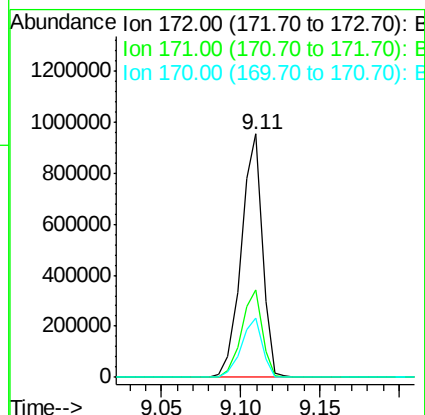
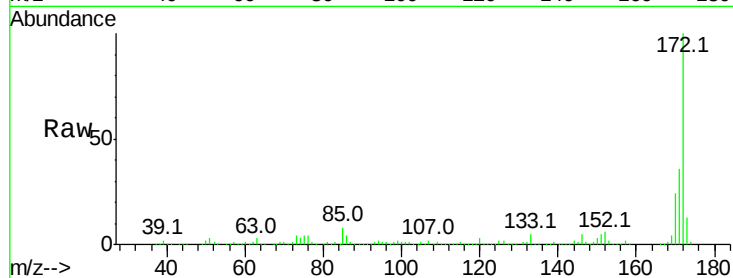




#44
 2-Fluorobiphenyl
 Concen: 82.007 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF097955.D
 Acq: 22 Aug 2017 14:59

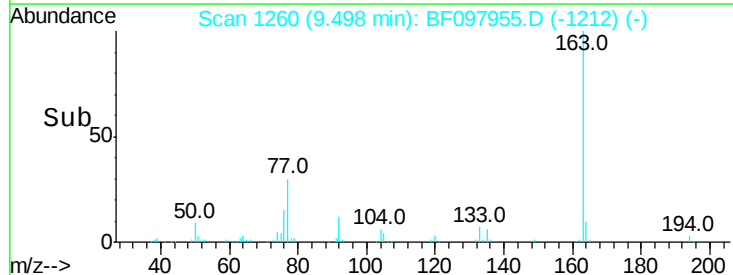
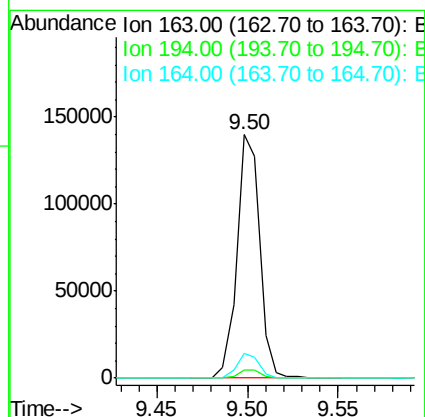
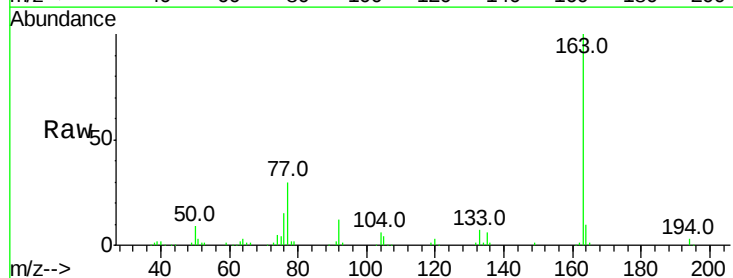
Instrument :
 BNA_F
 ClientSampleId :

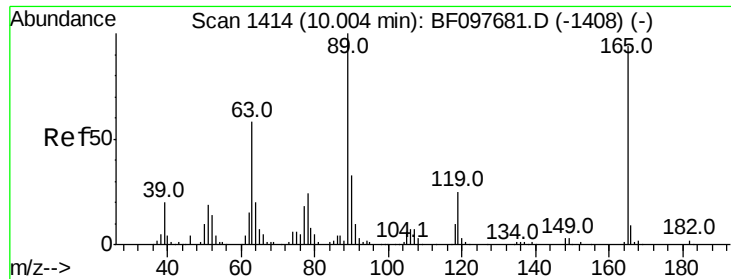
Tot Ion:172 Resp: 878158
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.3 19.8 29.8



#49
 Dimethylphthalate
 Concen: 10.642 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF097955.D
 Acq: 22 Aug 2017 14:59

Tgt Ion:163 Resp: 122386
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.0 8.4 12.6

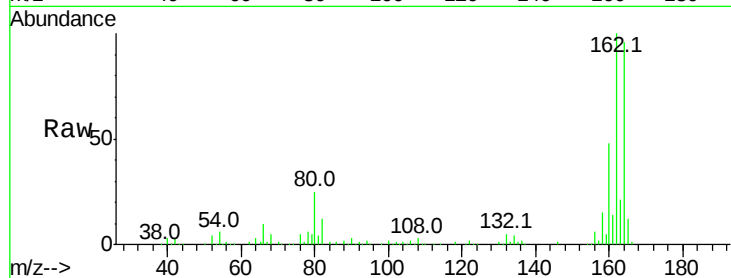




#56
 2,4-Dinitrotoluene
 Concen: 6.915 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.19 min
 Lab File: BF097955.D
 Acq: 22 Aug 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	19921
Ion Ratio	Lower	Upper
165	100	
63	0.0	25.4 38.0#
89	1.6	46.4 69.6#
182	0.0	1.8 2.6#

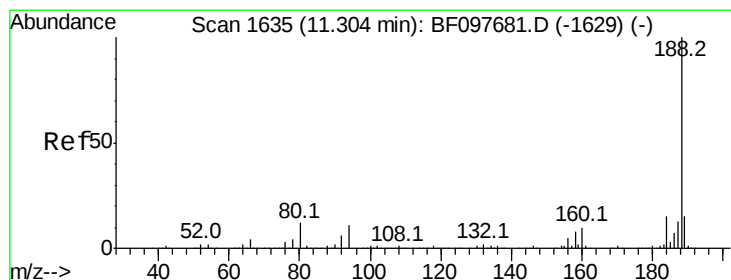
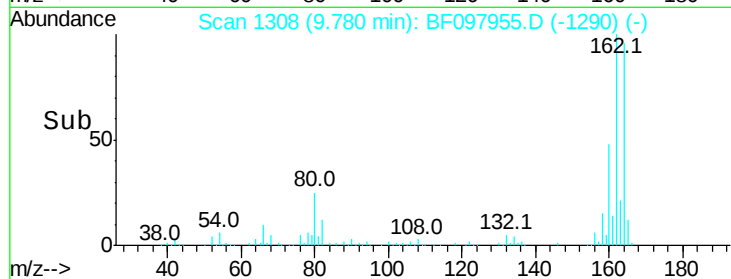
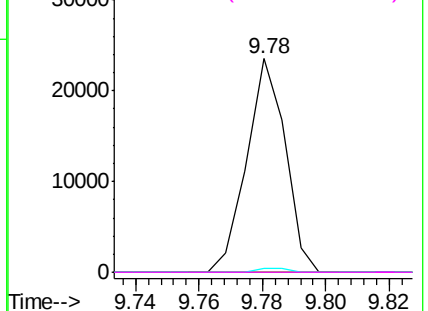


Abundance Ion 165.00 (164.70 to 165.70): E

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



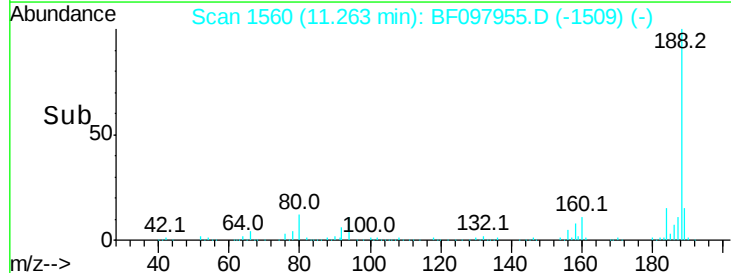
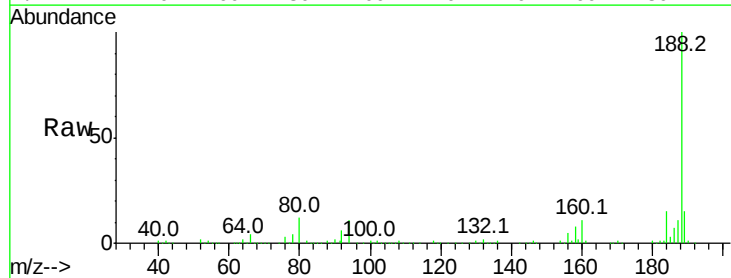
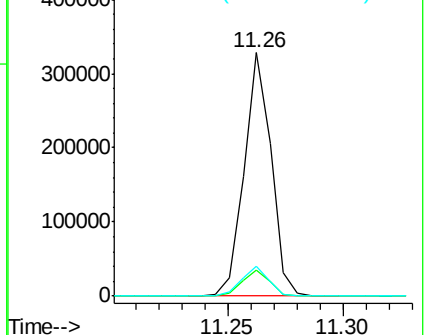
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF097955.D
 Acq: 22 Aug 2017 14:59

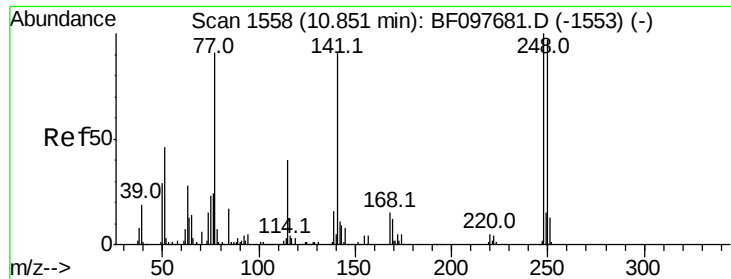
Tgt Ion:188	Resp:	267916
Ion Ratio	Lower	Upper
188	100	
94	10.8	9.4 14.2
80	12.4	10.2 15.2

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

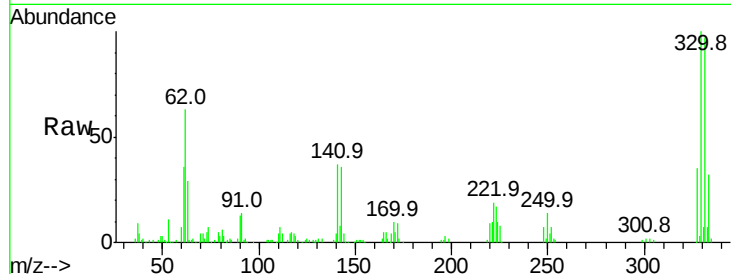




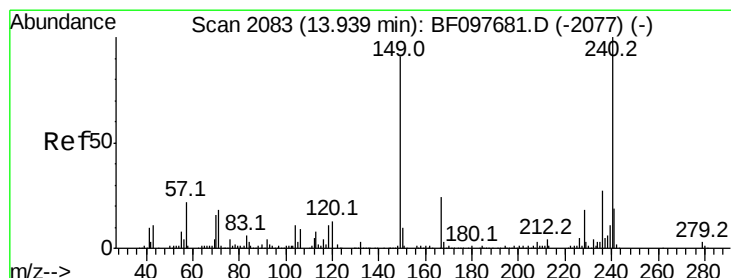
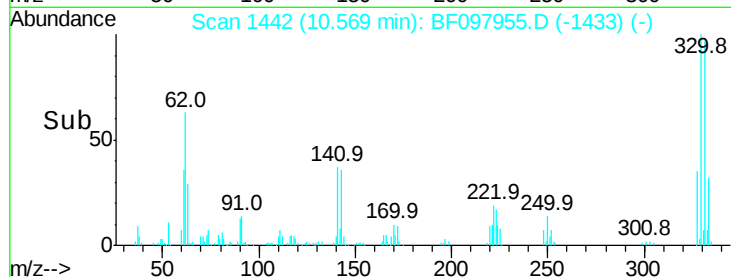
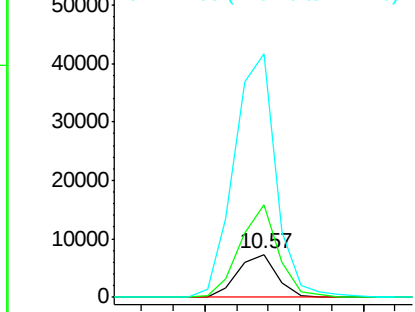
#66
 4-Bromophenyl-phenylether
 Concen: 2.277 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF097955.D
 Acq: 22 Aug 2017 14:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 6336
 Ion Ratio Lower Upper
 248 100
 250 216.1 76.8 115.2#
 141 567.4 68.6 103.0#

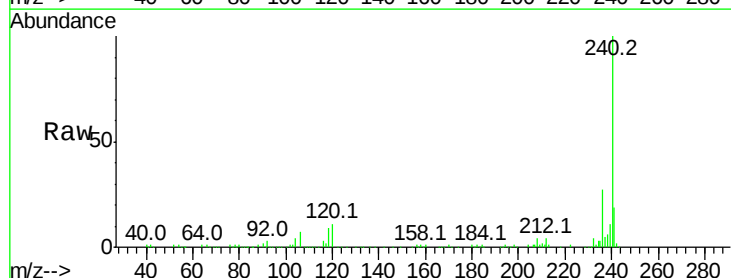


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

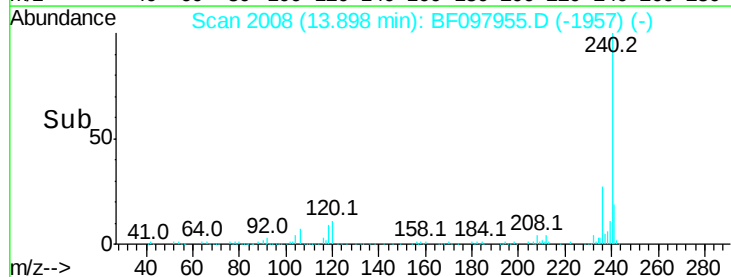
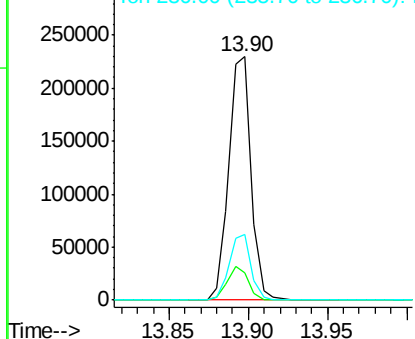


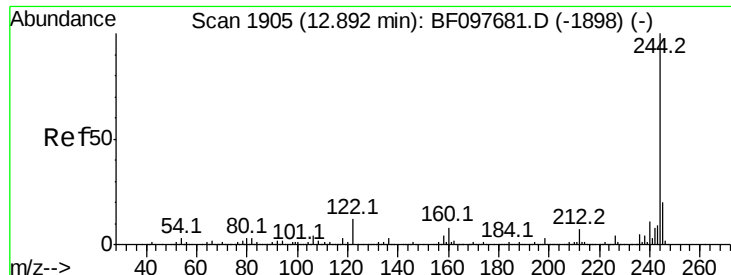
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF097955.D
 Acq: 22 Aug 2017 14:59

Tgt Ion:240 Resp: 224156
 Ion Ratio Lower Upper
 240 100
 120 11.0 5.8 8.8#
 236 26.7 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: 59.718 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF097955.D

Acq: 22 Aug 2017 14:59

Instrument :

BNA_F

ClientSampled :

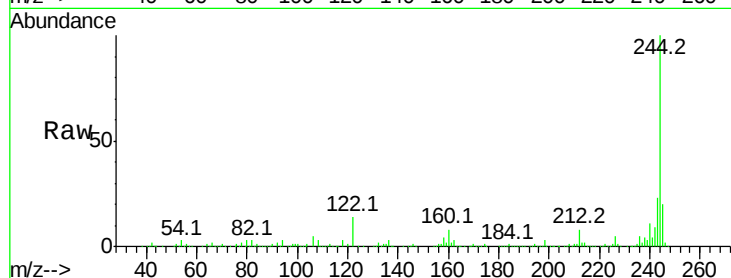
Tot Ion:244 Resp: 641914

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

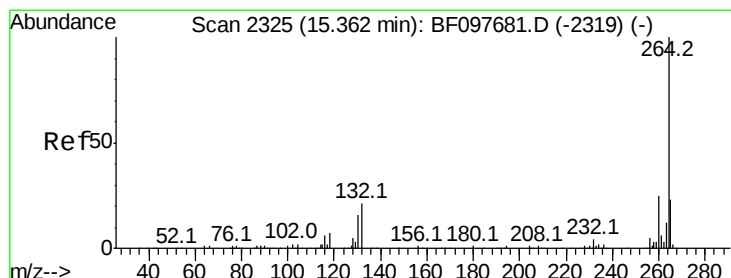
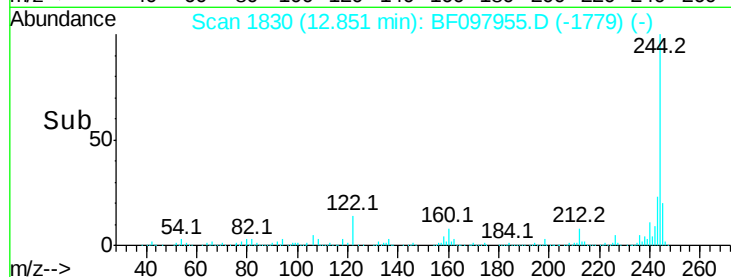
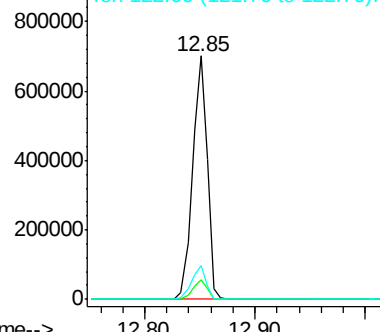
122 13.7 10.3 15.5



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: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF097955.D

Acq: 22 Aug 2017 14:59

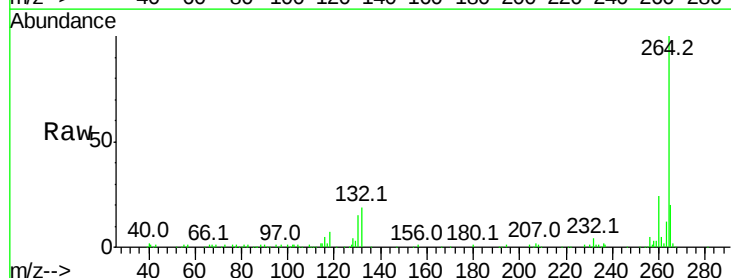
Tgt Ion:264 Resp: 150316

Ion Ratio Lower Upper

264 100

260 23.6 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

