

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097357.D
 Acq On : 4 Aug 2017 15:50
 Operator : SJ/JU
 Sample : I4542-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A4129

Quant Time: Aug 04 17:14:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 16:25:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	102098	20.00	ng	0.00
21) Naphthalene-d8	7.72	136	383503	20.00	ng	0.00
38) Acenaphthene-d10	9.46	164	79416	20.00	ng	-0.01
63) Phenanthrene-d10	10.93	188	222364	20.00	ng	0.00
75) Chrysene-d12	13.55	240	56631	20.00	ng	-0.01
86) Perylene-d12	14.89	264	1779	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	776941	114.72	ng	0.02
7) Phenol-d6	6.11	99	449698	58.16	ng	0.00
23) Nitrobenzene-d5	7.01	82	578472	88.49	ng	0.00
41) 2,4,6-Tribromophenol	10.25	330	201659	321.39	ng	0.00
44) 2-Fluorobiphenyl	8.80	172	982537	209.97	ng	0.00
78) Terphenyl-d14	12.52	244	574986	207.01	ng	0.00

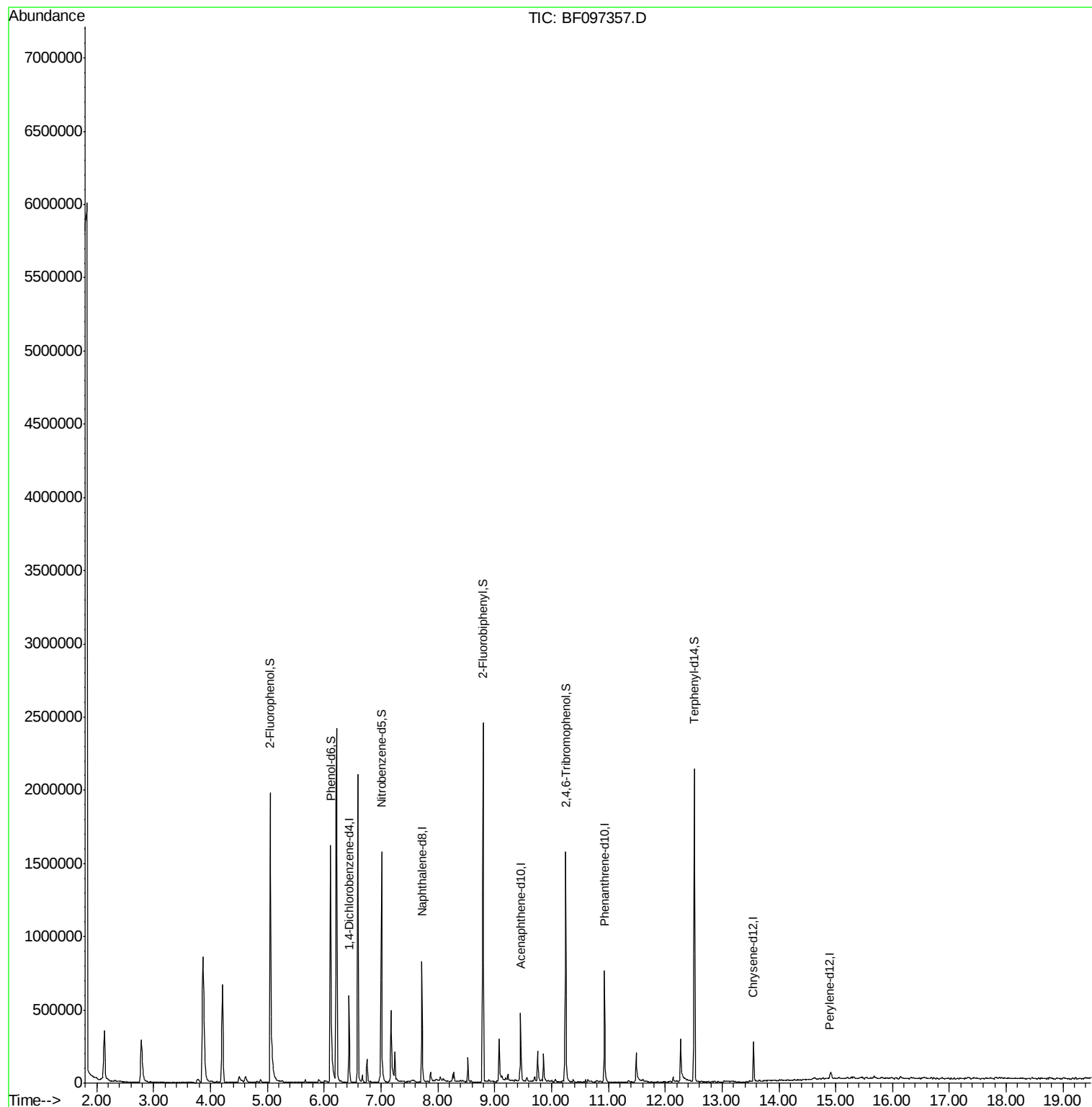
Target Compounds Qvalue

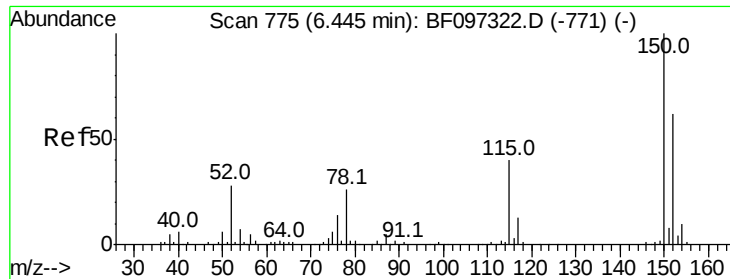
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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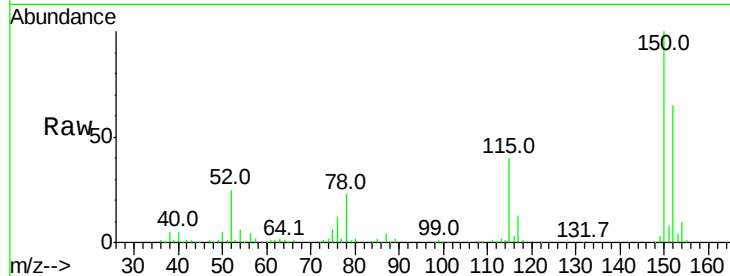


#1

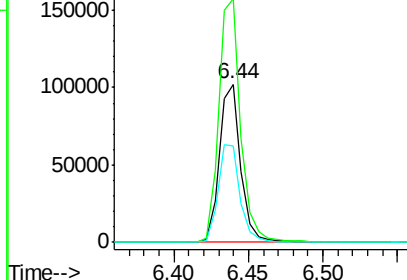
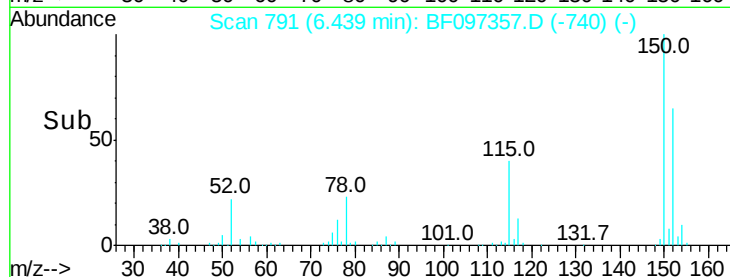
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.44 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF097357.D
 Acq: 4 Aug 2017 15:50

Instrument :
 BNA_F
 ClientSampleId :
 A4129

Tot Ion:152 Resp: 102098
 Ion Ratio Lower Upper
 152 100
 150 153.8 126.2 189.2
 115 61.0 52.2 78.2



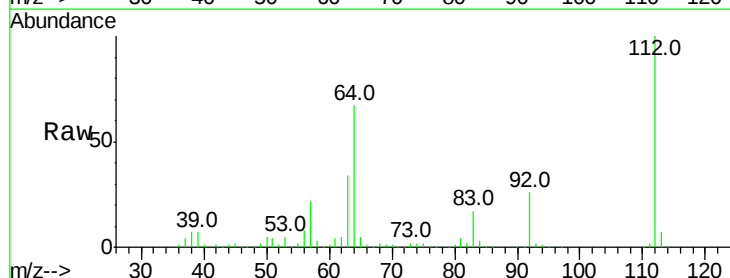
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



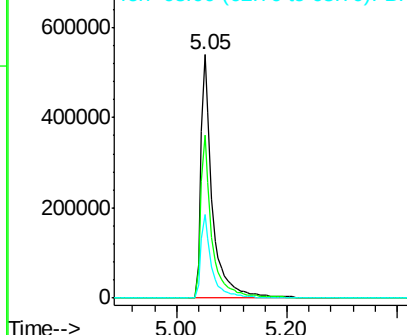
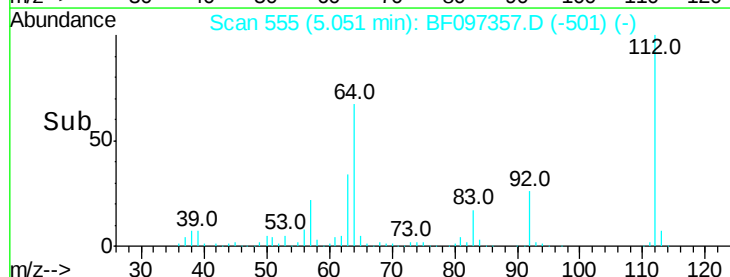
#5

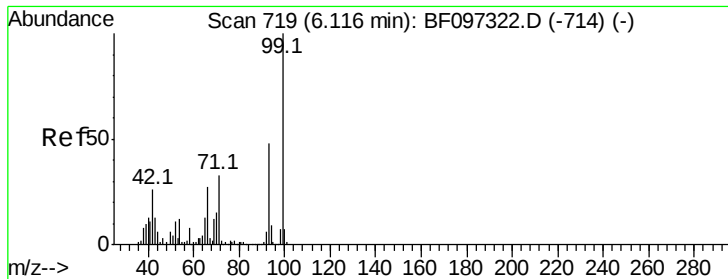
2-Fluorophenol
 Concen: 114.716 ng
 RT: 5.05 min Scan# 555
 Delta R.T. 0.02 min
 Lab File: BF097357.D
 Acq: 4 Aug 2017 15:50

Tgt Ion:112 Resp: 776941
 Ion Ratio Lower Upper
 112 100
 64 67.2 46.0 69.0
 63 34.3 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: 58.162 ng

RT: 6.11 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF097357.D

Acq: 4 Aug 2017 15:50

Instrument :

BNA_F

ClientSampleId :

A4129

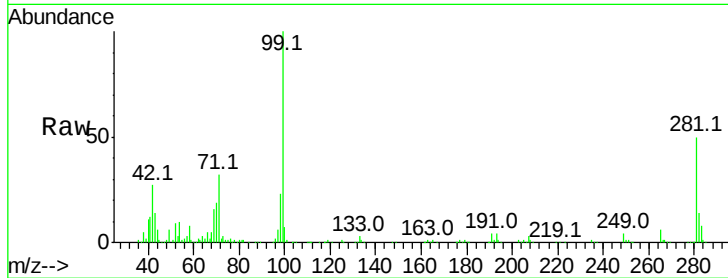
Tot Ion: 99 Resp: 449698

Ion Ratio Lower Upper

99 100

42 26.7 13.5 20.3#

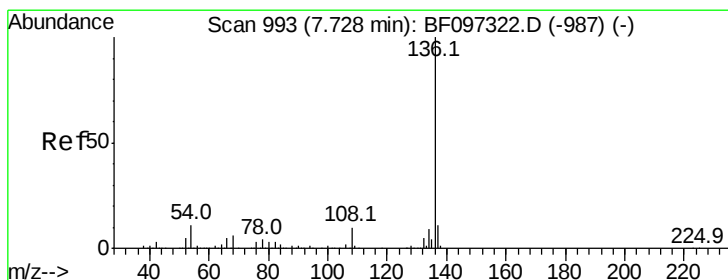
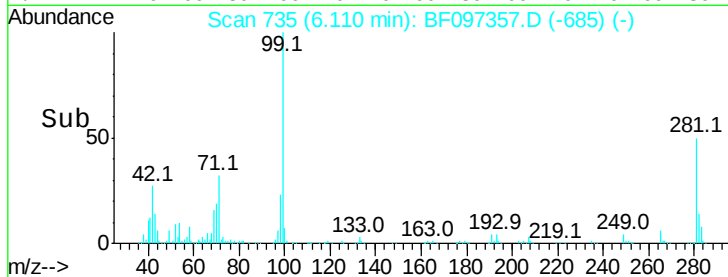
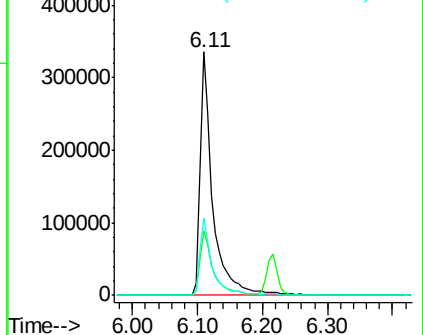
71 31.7 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.72 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF097357.D

Acq: 4 Aug 2017 15:50

Tgt Ion: 136 Resp: 383503

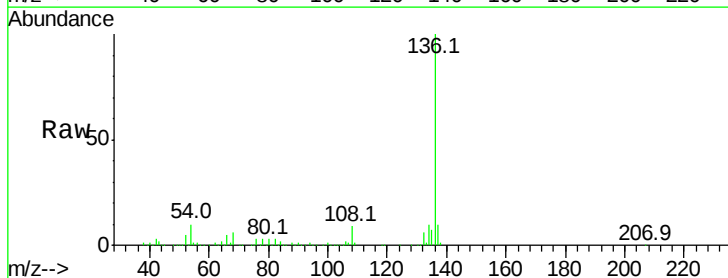
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 9.7 4.9 7.3#

68 5.6 4.1 6.1

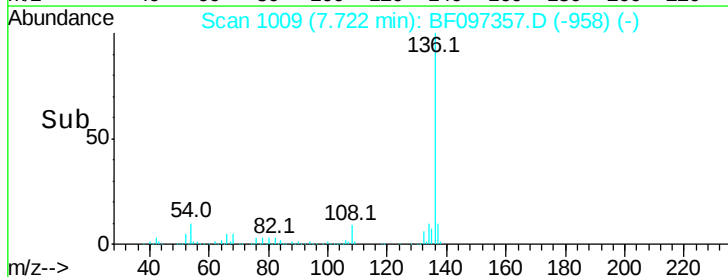
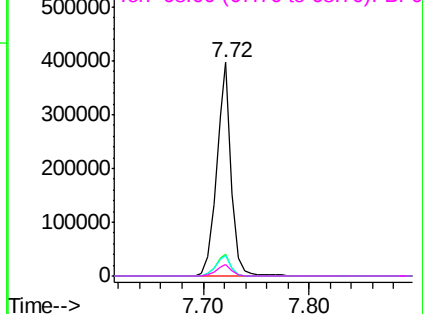


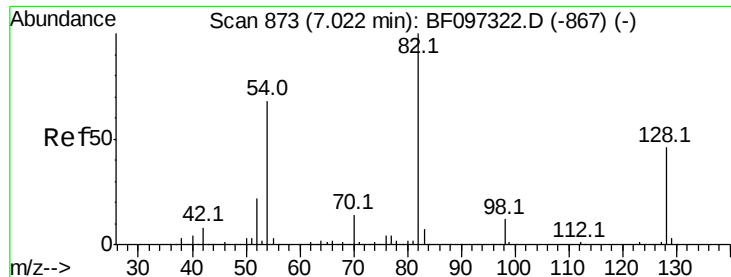
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

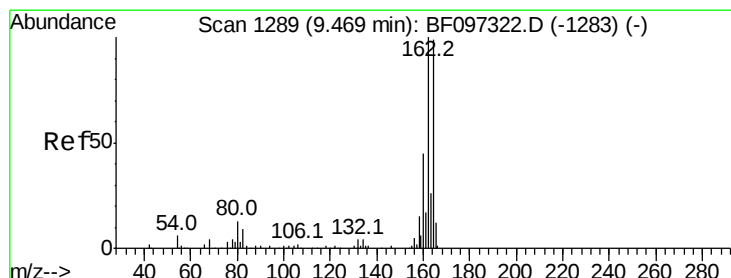
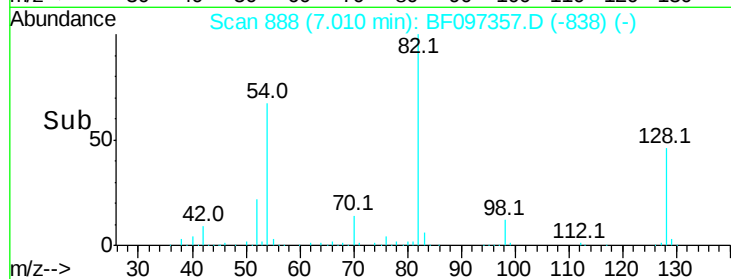
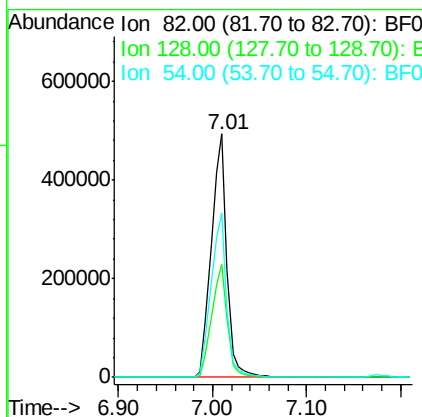
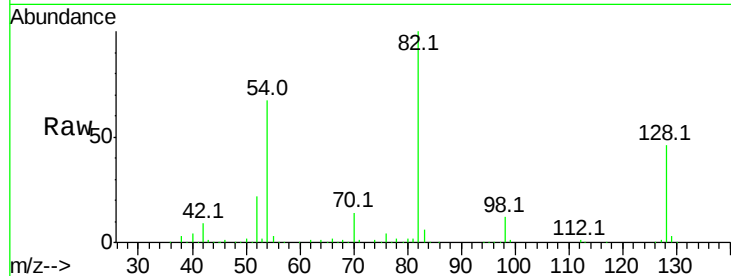




#23
 Nitrobenzene-d5
 Concen: 88.488 ng
 RT: 7.01 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF097357.D
 Acq: 4 Aug 2017 15:50

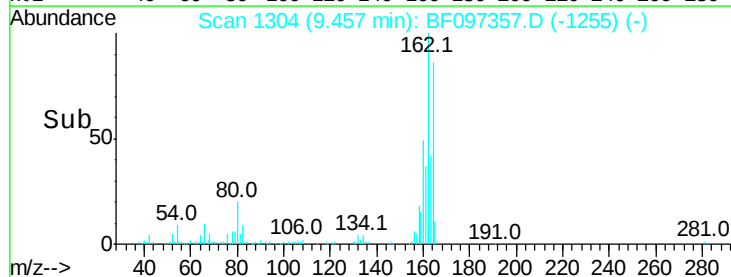
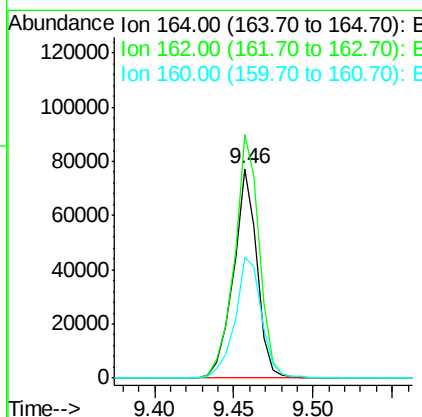
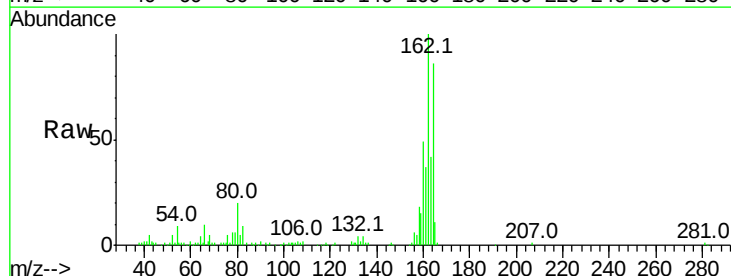
Instrument :
 BNA_F
 ClientSampleId :
 A4129

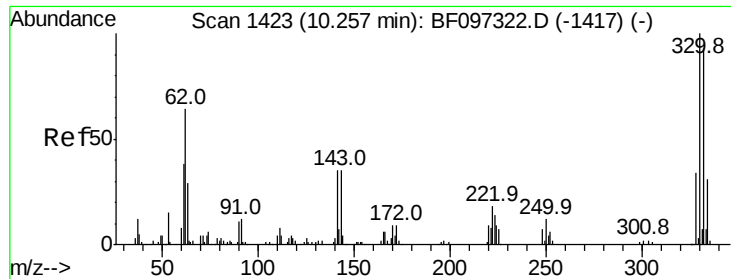
Tot Ion: 82 Resp: 578472
 Ion Ratio Lower Upper
 82 100
 128 46.5 34.0 51.0
 54 67.4 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.46 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF097357.D
 Acq: 4 Aug 2017 15:50

Tgt Ion:164 Resp: 79416
 Ion Ratio Lower Upper
 164 100
 162 116.4 82.6 123.8
 160 57.5 36.2 54.2#

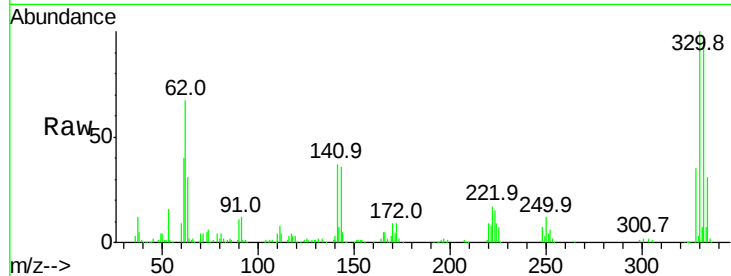




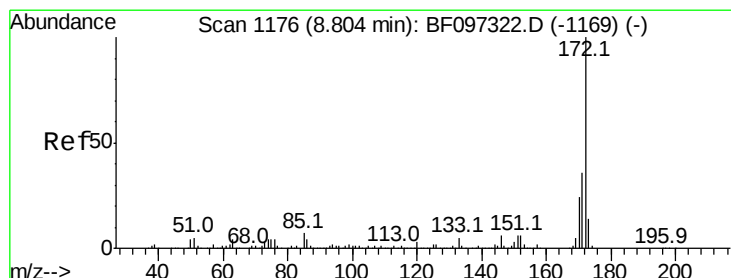
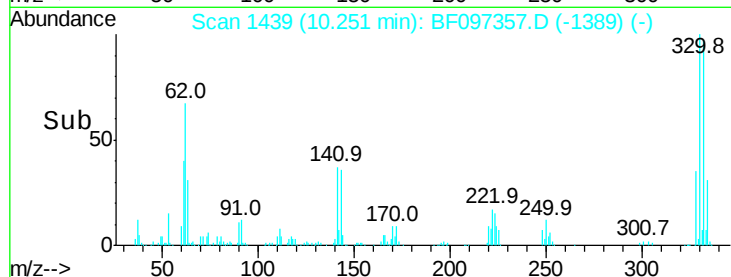
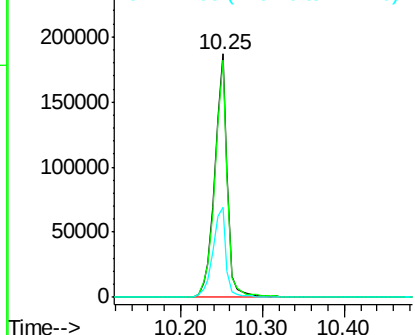
#41
 2,4,6-Tribromophenol
 Concen: 321.388 ng
 RT: 10.25 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF097357.D
 Acq: 4 Aug 2017 15:50

Instrument :
 BNA_F
 ClientSampleId :
 A4129

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	38.3	31.4	47.2

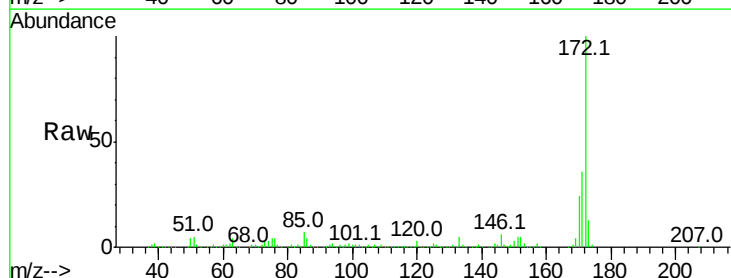


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

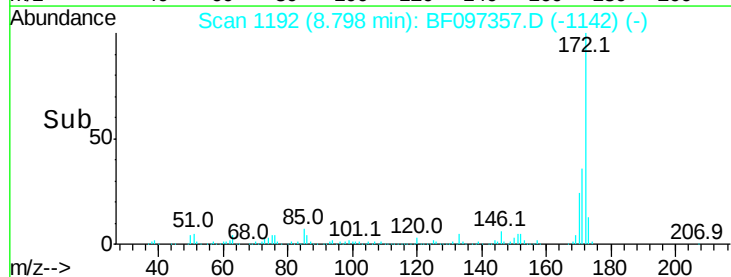
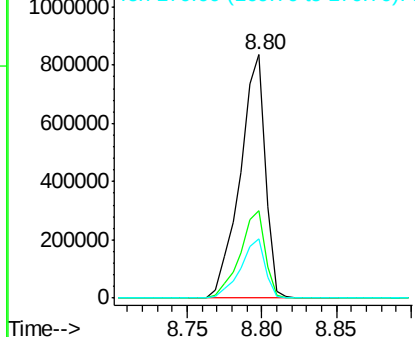


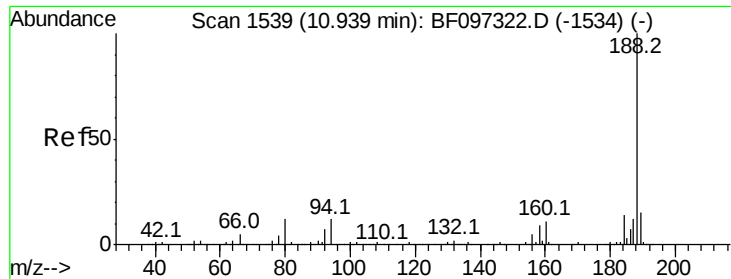
#44
 2-Fluorobiphenyl
 Concen: 209.965 ng
 RT: 8.80 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF097357.D
 Acq: 4 Aug 2017 15:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.3	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

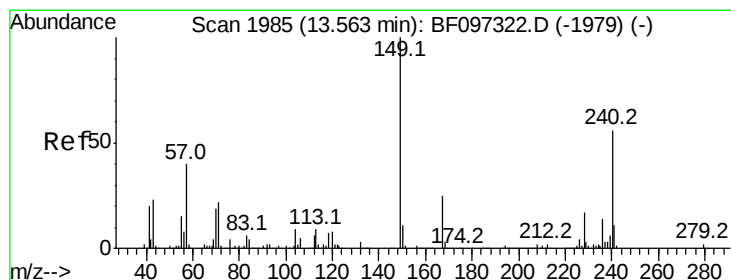
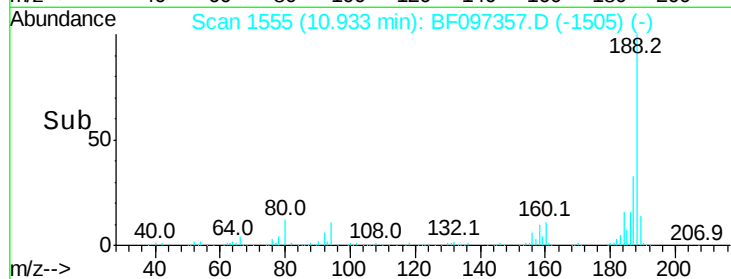
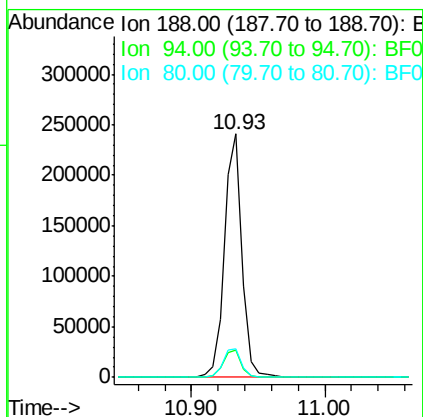
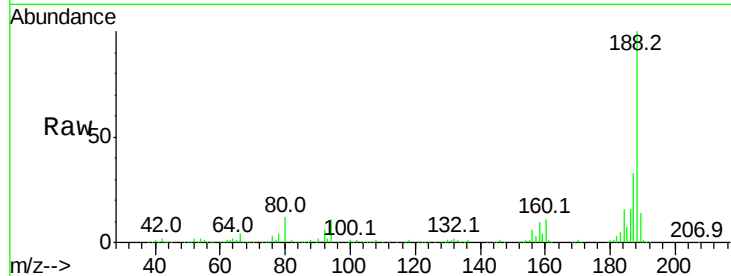




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF097357.D
Acq: 4 Aug 2017 15:50

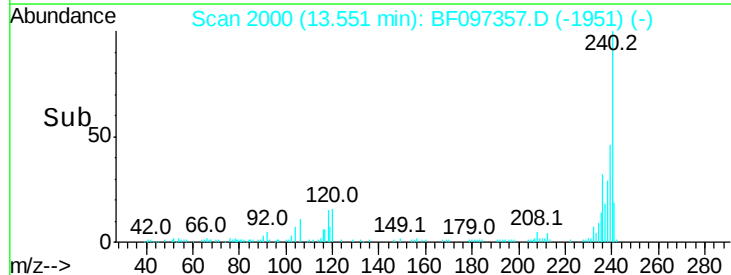
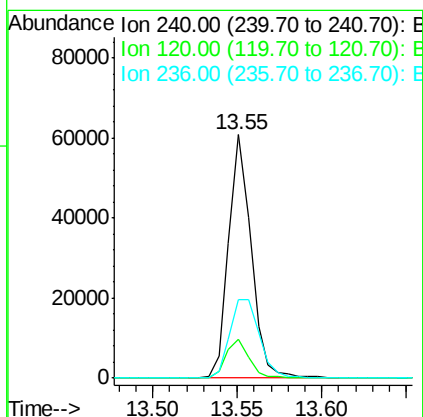
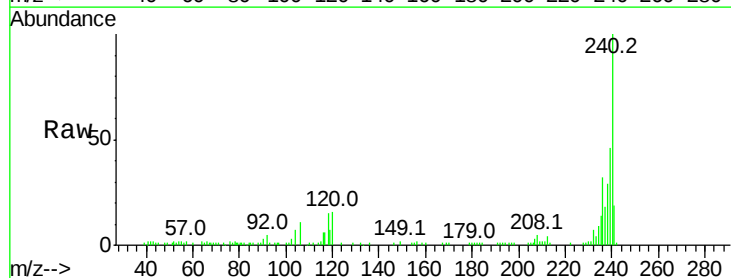
Instrument :
BNA_F
ClientSampleId :
A4129

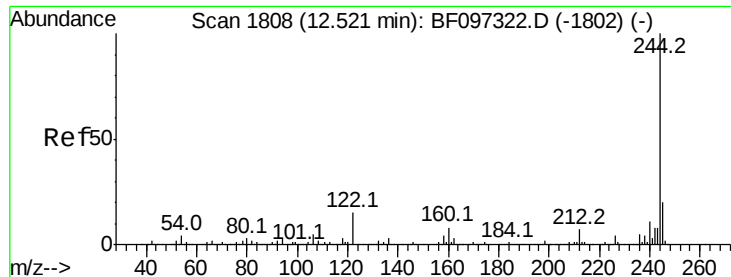
Tot Ion:188 Resp: 222364
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 11.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.55 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF097357.D
Acq: 4 Aug 2017 15:50

Tgt Ion:240 Resp: 56631
Ion Ratio Lower Upper
240 100
120 15.8 5.8 8.8#
236 32.1 20.5 30.7#





#78

Terphenyl-d14

Concen: 207.009 ng

RT: 12.52 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF097357.D

Acq: 4 Aug 2017 15:50

Instrument :

BNA_F

ClientSampleId :

A4129

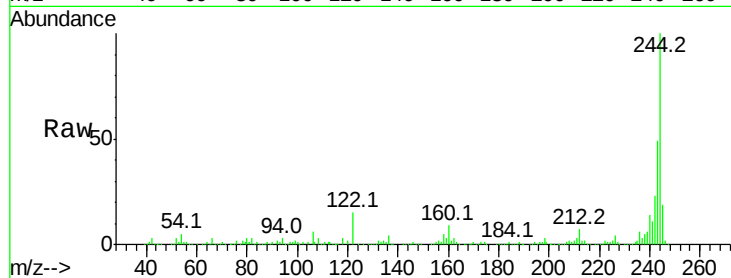
Tot Ion:244 Resp: 574986

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

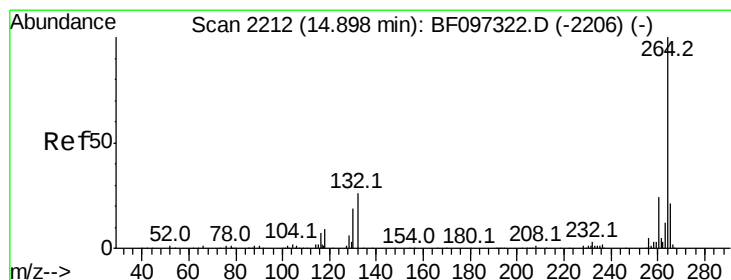
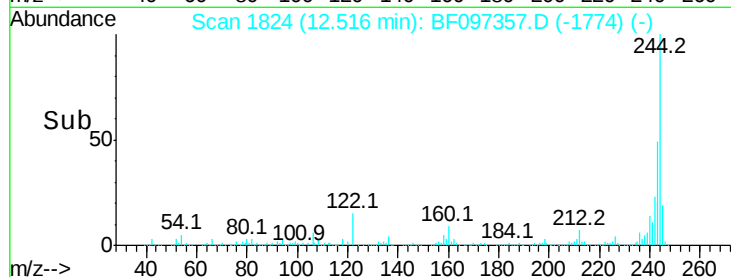
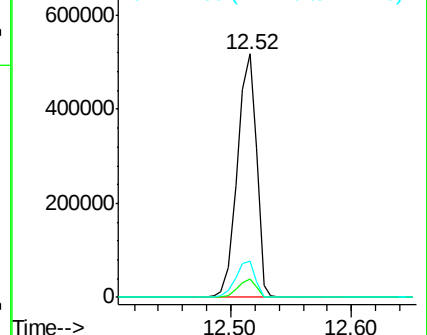
122 14.8 10.3 15.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.89 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BF097357.D

Acq: 4 Aug 2017 15:50

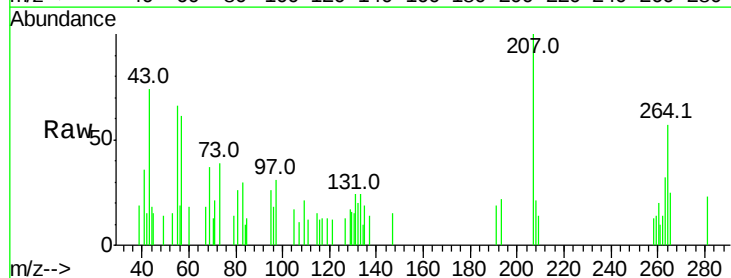
Tgt Ion:264 Resp: 1779

Ion Ratio Lower Upper

264 100

260 35.6 19.5 29.3#

265 43.5 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

