

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097198.D
 Acq On : 29 Jul 2017 12:19
 Operator : SJ/JU
 Sample : I4471-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-FB-7-26-17

Quant Time: Jul 31 04:02:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	87134	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	287519	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	105453	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	173665	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	160927	20.00	ng	-0.02
86) Perylene-d12	14.96	264	111413	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	351108	60.74	ng	-0.01
7) Phenol-d6	6.15	99	218111	33.05	ng	-0.02
23) Nitrobenzene-d5	7.06	82	408922	83.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	91120	109.36	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	720348	115.93	ng	-0.02
78) Terphenyl-d14	12.57	244	518927	65.75	ng	-0.01

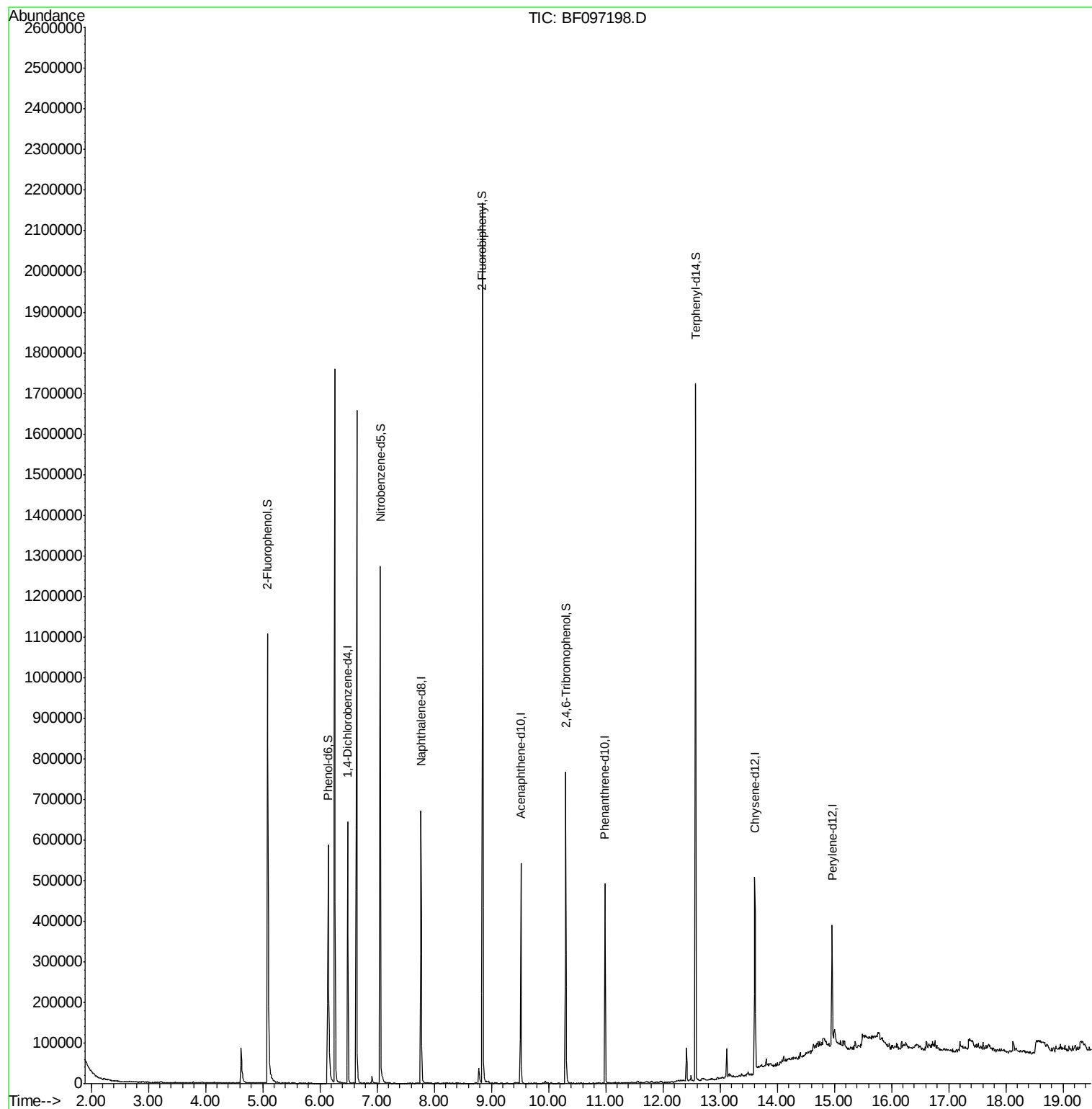
Target Compounds Qvalue

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

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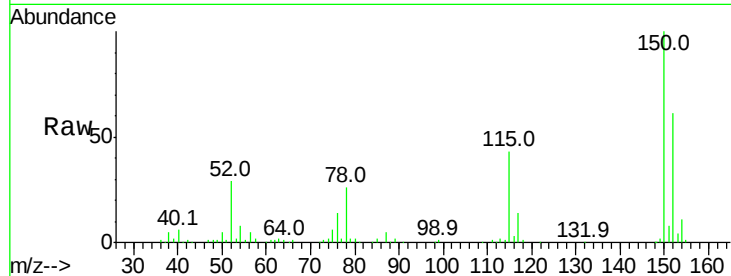


#1

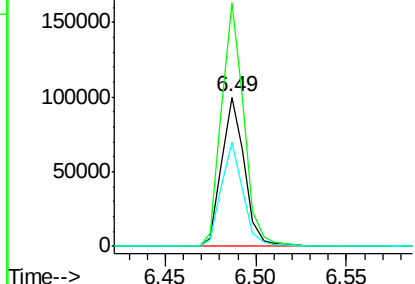
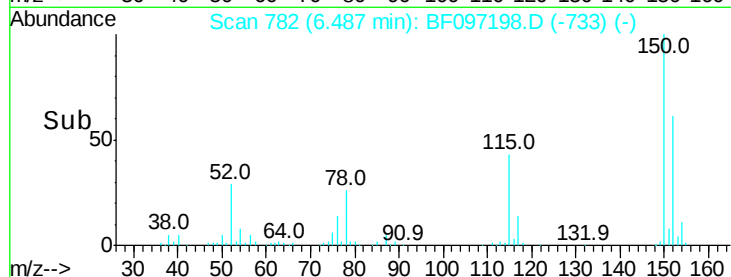
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097198.D
Acq: 29 Jul 2017 12:19

Instrument :
BNA_F
ClientSampleId :
E2-FB-7-26-17

Tot Ion:152 Resp: 87134
Ion Ratio Lower Upper
152 100
150 163.2 126.2 189.2
115 69.9 52.2 78.2



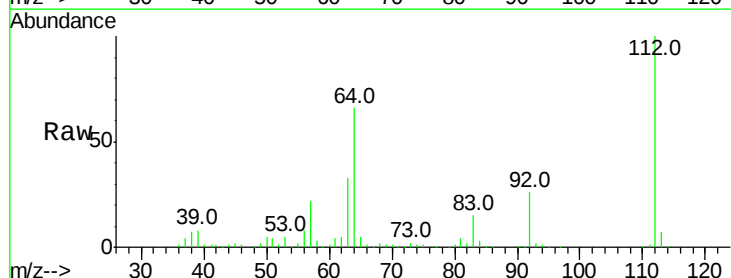
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



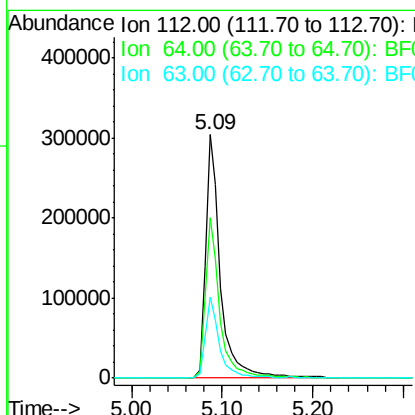
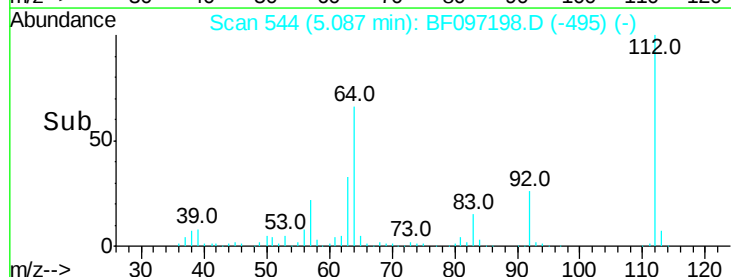
#5

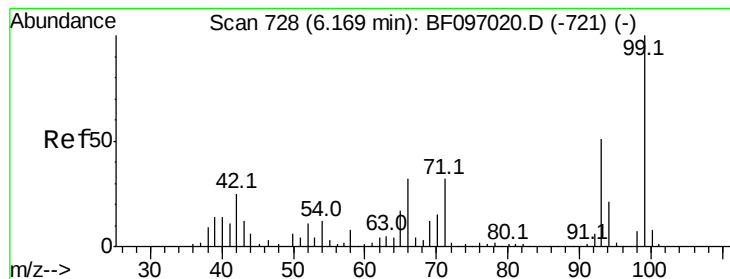
2-Fluorophenol
Concen: 60.745 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097198.D
Acq: 29 Jul 2017 12:19

Tgt Ion:112 Resp: 351108
Ion Ratio Lower Upper
112 100
64 65.9 46.0 69.0
63 33.3 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: 33.054 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF097198.D

Acq: 29 Jul 2017 12:19

Instrument :

BNA_F

ClientSampleId :

E2-FB-7-26-17

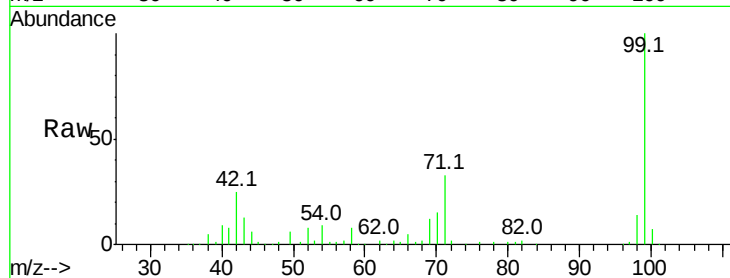
Tot Ion: 99 Resp: 218111

Ion Ratio Lower Upper

99 100

42 24.6 13.5 20.3#

71 33.1 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

250000

200000

150000

100000

50000

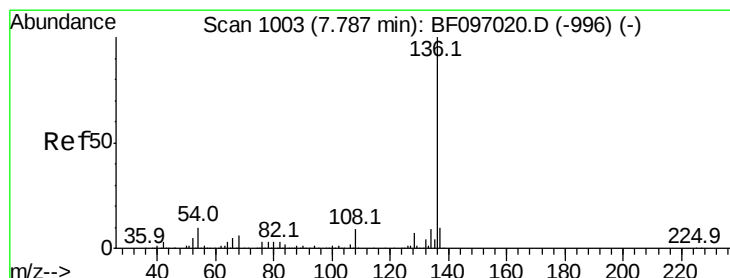
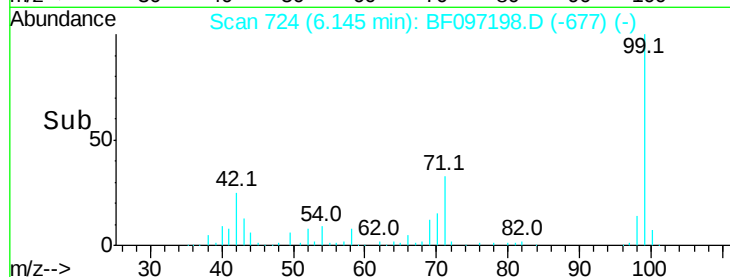
0

6.15

6.10

6.20

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097198.D

Acq: 29 Jul 2017 12:19

Tgt Ion: 136 Resp: 287519

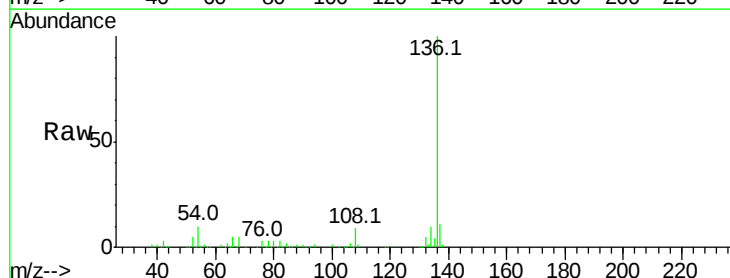
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 9.8 4.9 7.3#

68 5.1 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

500000

400000

300000

200000

100000

0

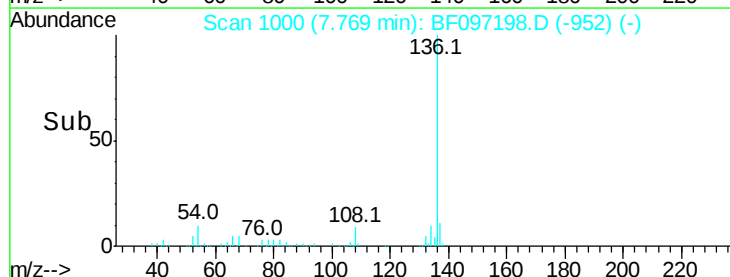
7.77

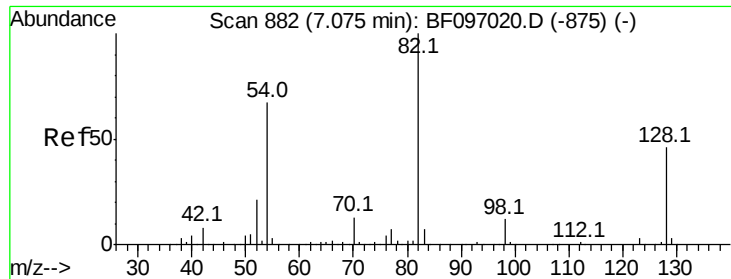
7.70

7.80

7.90

Time-->

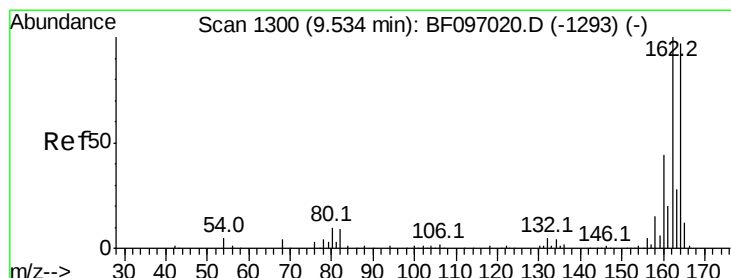
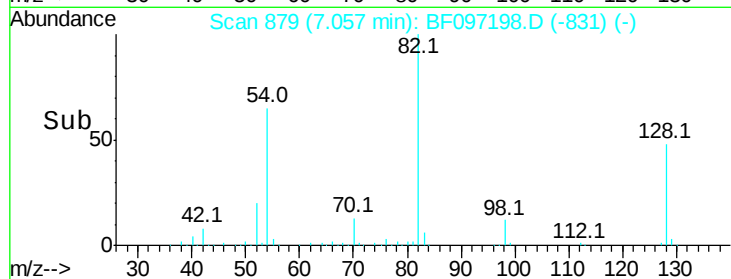
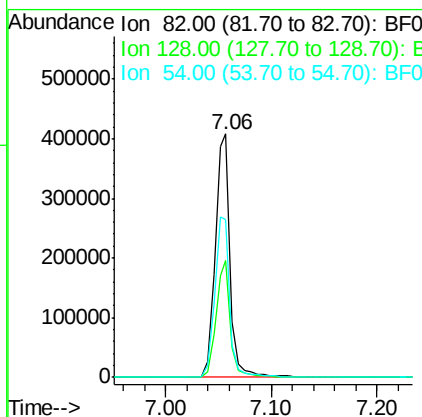
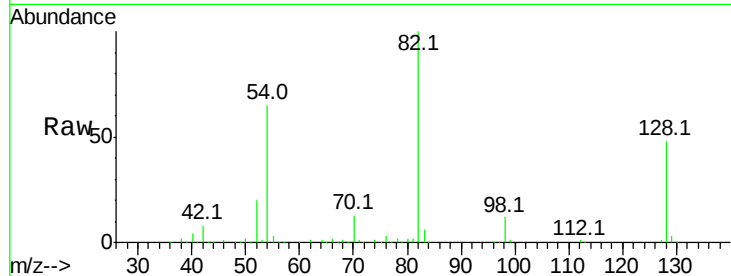




#23
 Nitrobenzene-d5
 Concen: 83.435 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF097198.D
 Acq: 29 Jul 2017 12:19

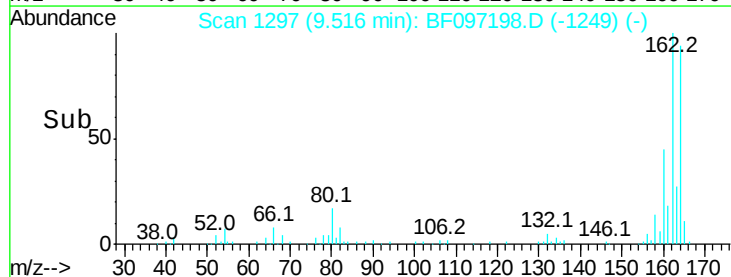
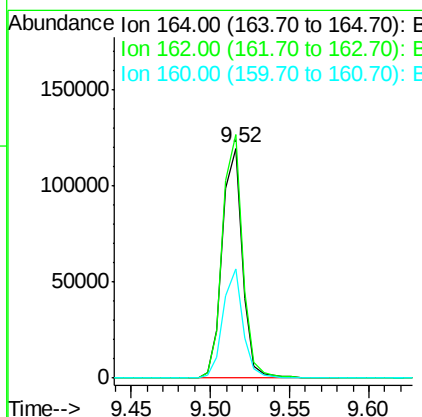
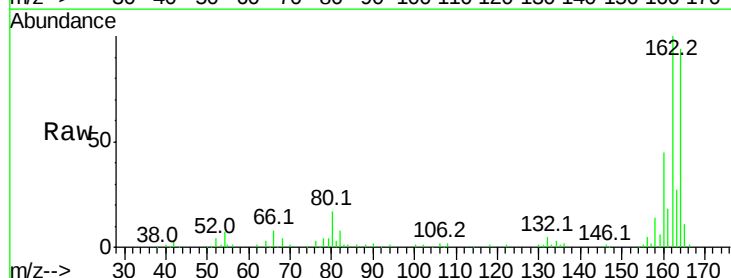
Instrument :
 BNA_F
 ClientSampleId :
 E2-FB-7-26-17

Tot Ion: 82 Resp: 408922
 Ion Ratio Lower Upper
 82 100
 128 47.9 34.0 51.0
 54 64.7 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097198.D
 Acq: 29 Jul 2017 12:19

Tgt Ion:164 Resp: 105453
 Ion Ratio Lower Upper
 164 100
 162 106.0 82.6 123.8
 160 47.5 36.2 54.2

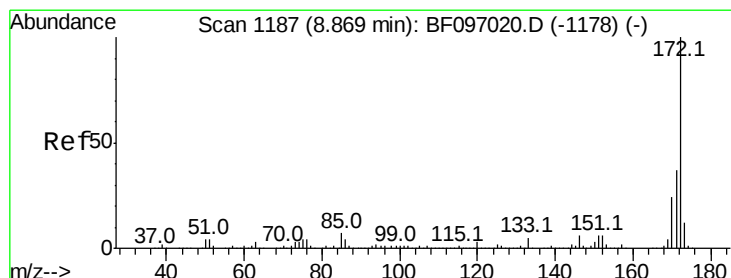
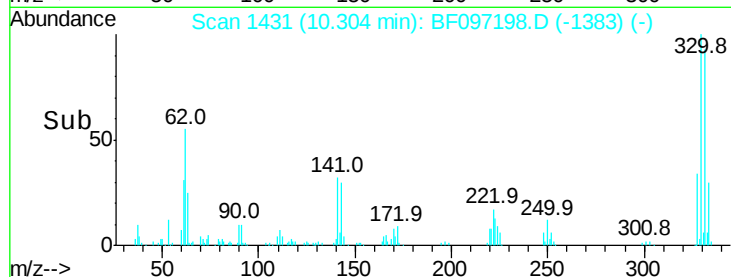
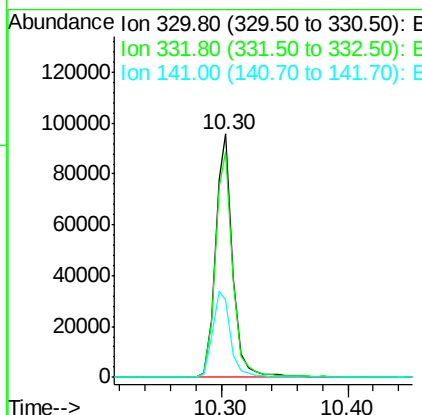
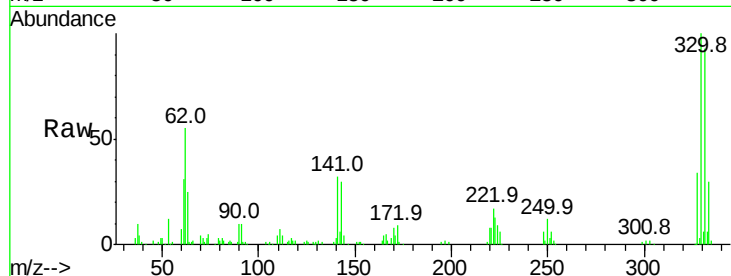




#41
 2,4,6-Tribromophenol
 Concen: 109.364 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097198.D
 Acq: 29 Jul 2017 12:19

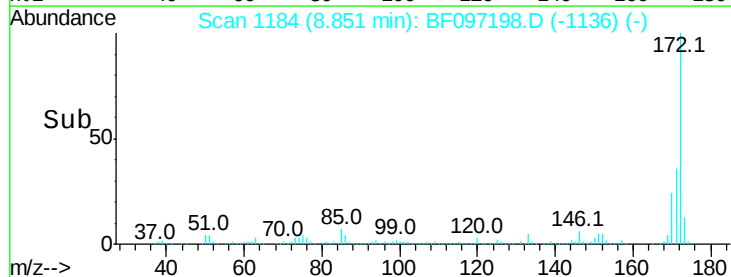
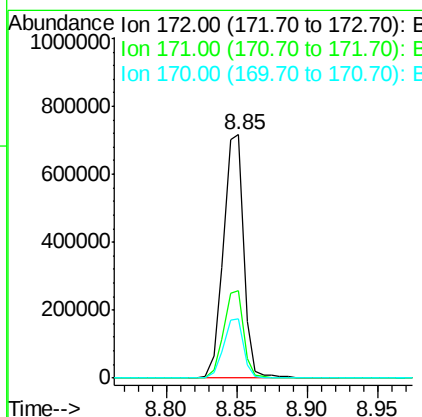
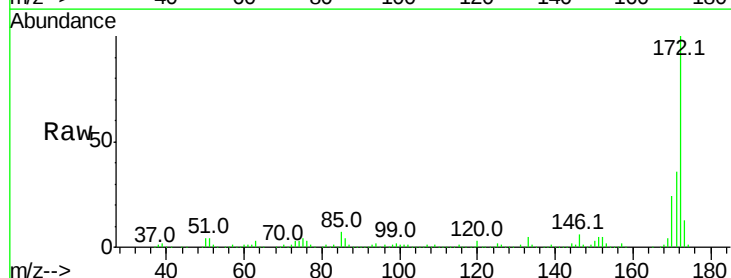
Instrument :
 BNA_F
 ClientSampleId :
 E2-FB-7-26-17

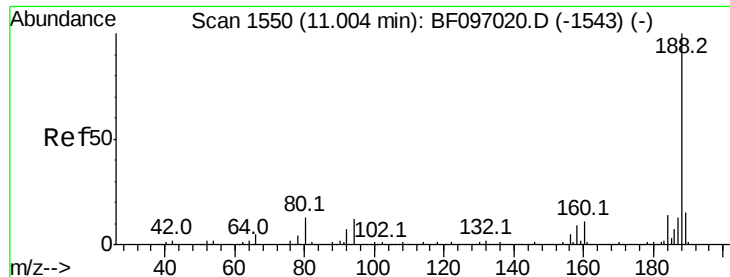
Tot Ion:330 Resp: 91120
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 37.1 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 115.928 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097198.D
 Acq: 29 Jul 2017 12:19

Tgt Ion:172 Resp: 720348
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.3 19.8 29.8

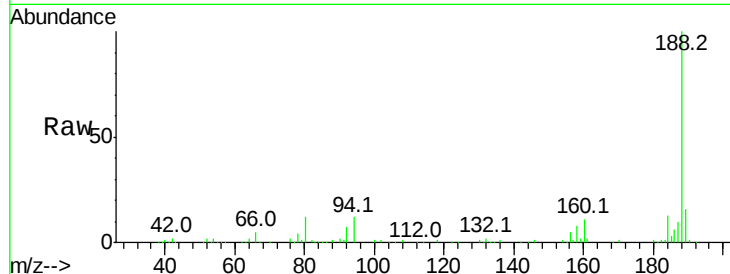




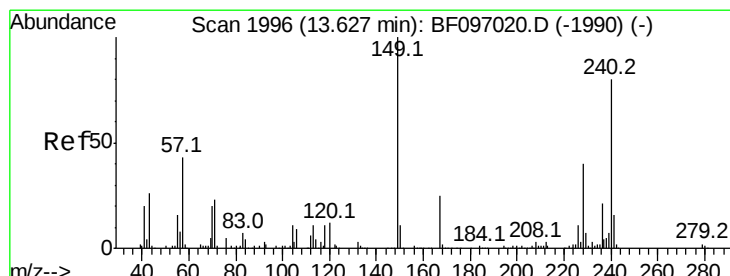
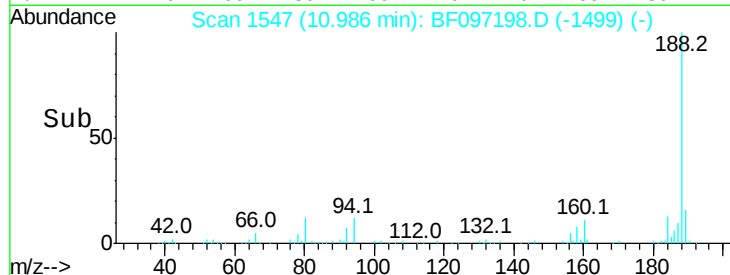
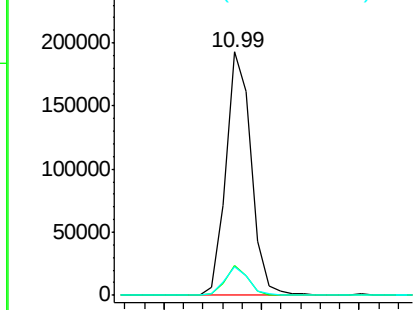
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097198.D
Acq: 29 Jul 2017 12:19

Instrument :
BNA_F
ClientSampleId :
E2-FB-7-26-17

Tot Ion:188 Resp: 173665
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 11.8 10.2 15.2

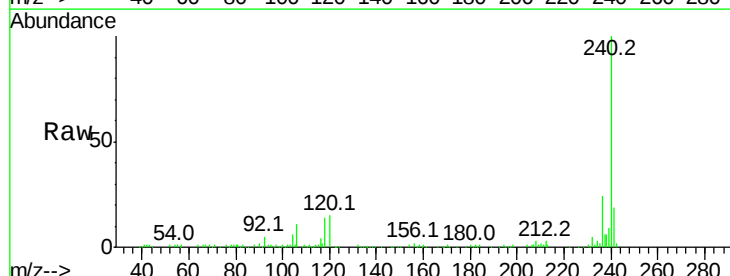


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

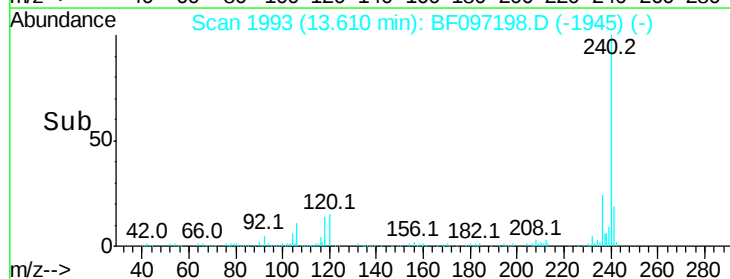
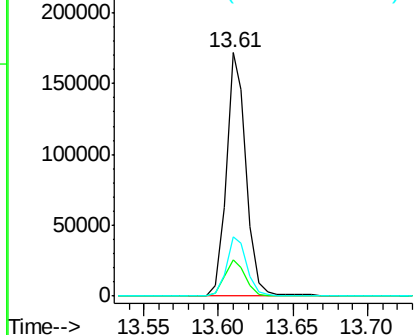


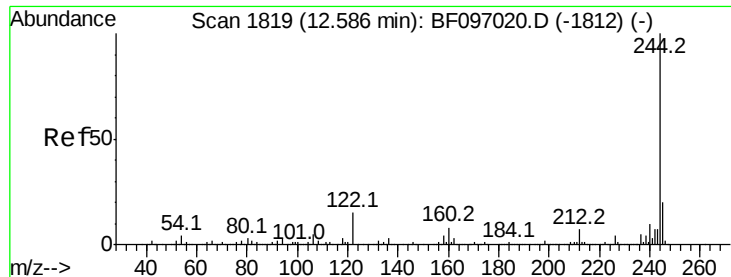
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097198.D
Acq: 29 Jul 2017 12:19

Tgt Ion:240 Resp: 160927
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 24.2 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: 65.745 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097198.D

Acq: 29 Jul 2017 12:19

Instrument :

BNA_F

ClientSampleId :

E2-FB-7-26-17

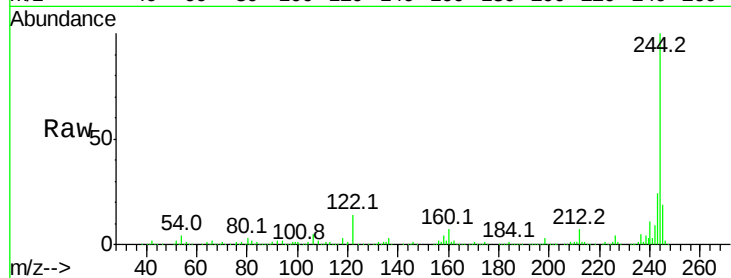
Tot Ion:244 Resp: 518927

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

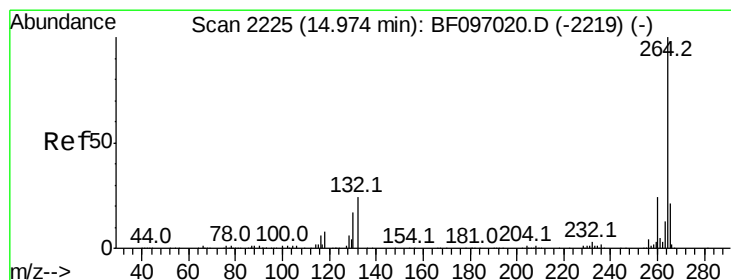
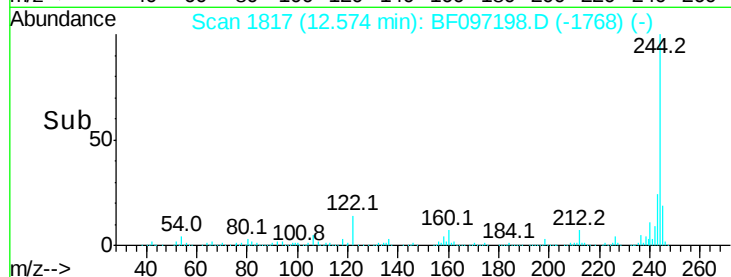
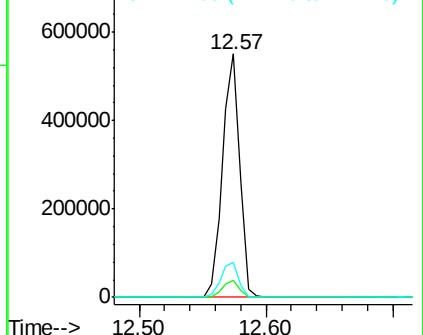
122 14.4 10.3 15.5



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: 14.96 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF097198.D

Acq: 29 Jul 2017 12:19

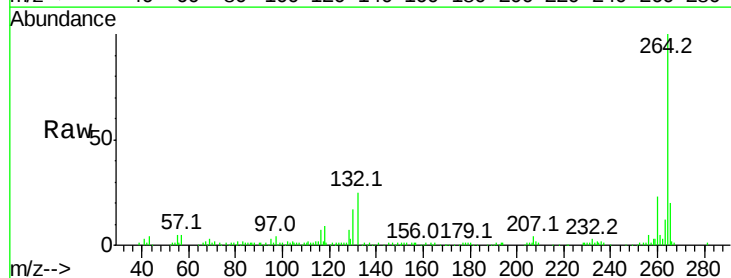
Tgt Ion:264 Resp: 111413

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 20.2 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

