

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097160.D
 Acq On : 28 Jul 2017 18:12
 Operator : SJ/JU
 Sample : PB101039BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101039BL

Quant Time: Jul 28 23:02:04 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	102130	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	436791	20.00	ng	-0.02
38) Acenaphthene-d10	9.51	164	186122	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	364131	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	298822	20.00	ng	-0.02
86) Perylene-d12	14.96	264	211056	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	783536	115.65	ng	0.00
7) Phenol-d6	6.15	99	932336	120.55	ng	-0.02
23) Nitrobenzene-d5	7.05	82	509439	68.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	190616	129.62	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	919296	83.82	ng	-0.02
78) Terphenyl-d14	12.57	244	770731	52.59	ng	-0.01

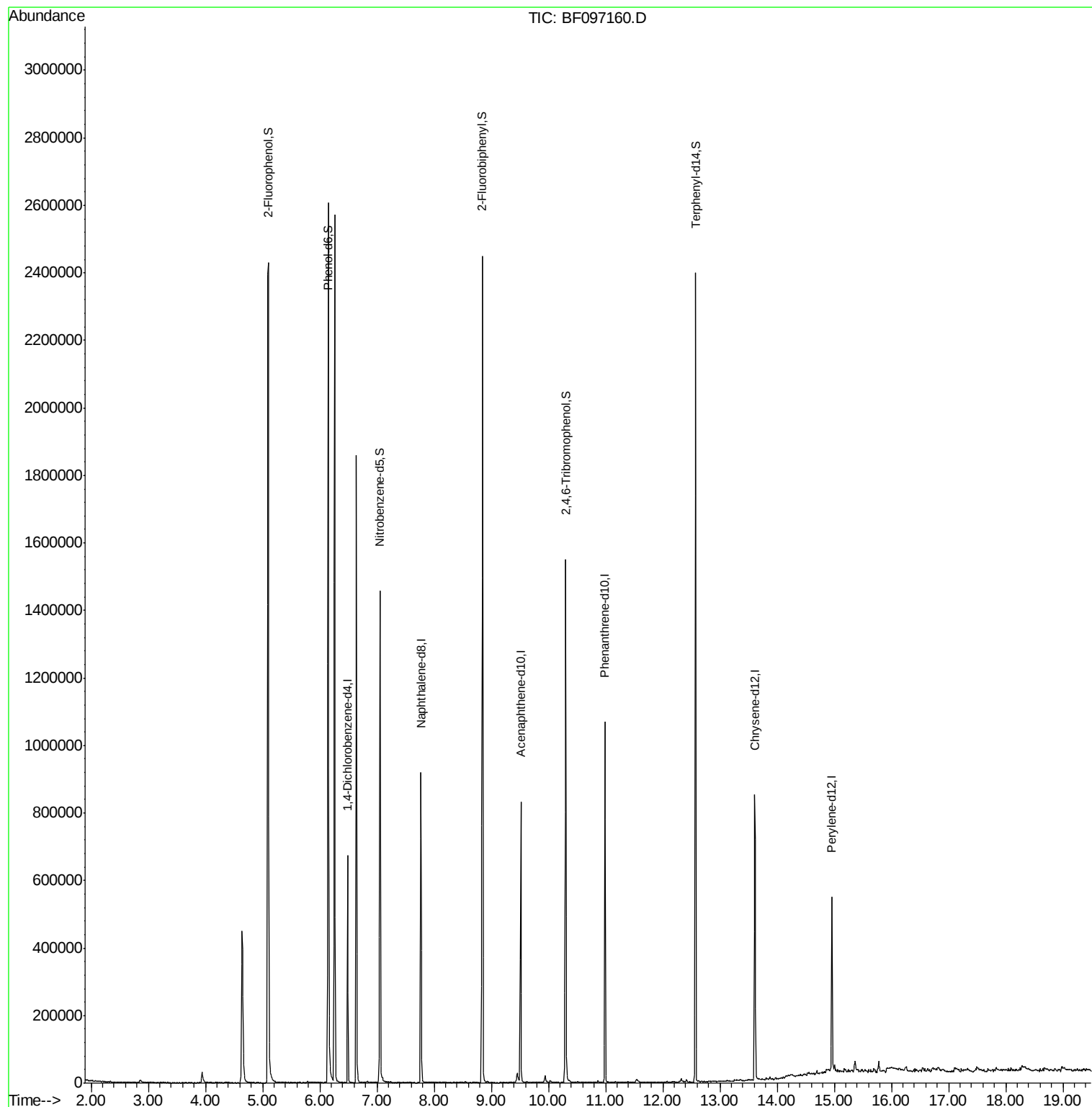
Target Compounds Qvalue

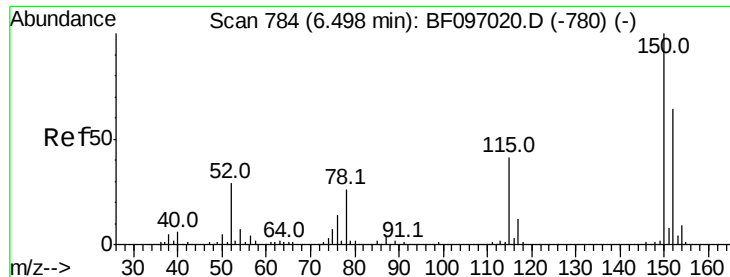
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097160.D
Acq On : 28 Jul 2017 18:12
Operator : SJ/JU
Sample : PB101039BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101039BL

Quant Time: Jul 28 23:02:04 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



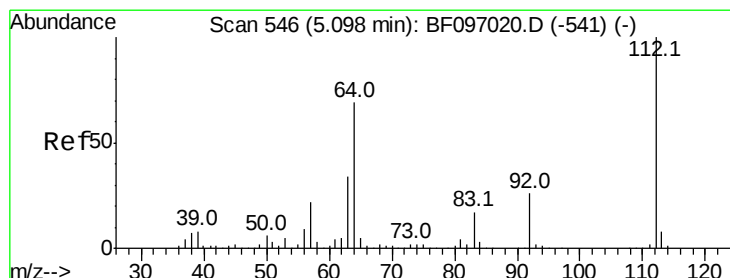
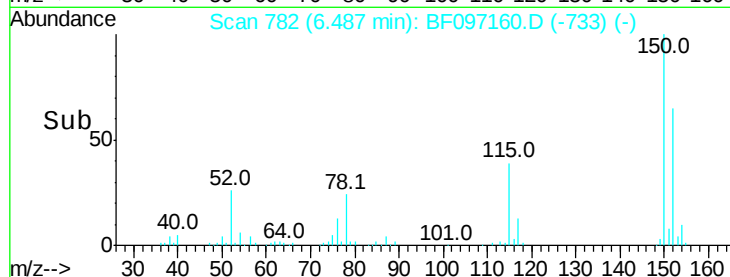
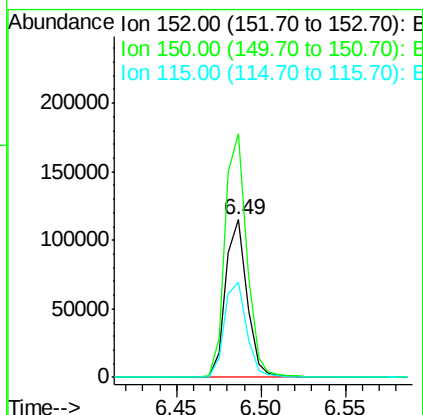
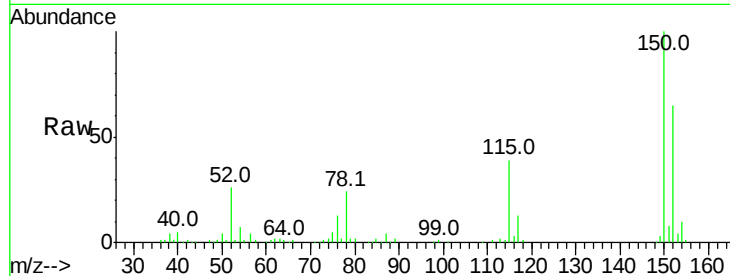


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097160.D
Acq: 28 Jul 2017 18:12

Instrument :
BNA_F
ClientSampleId :
PB101039BL

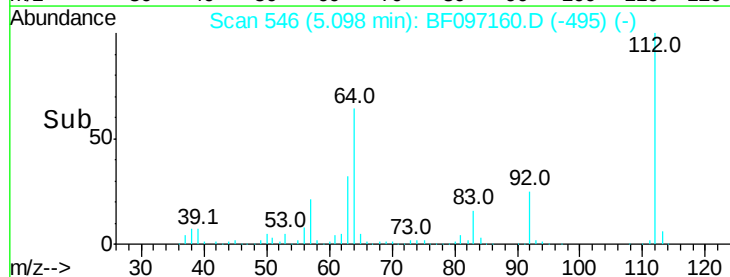
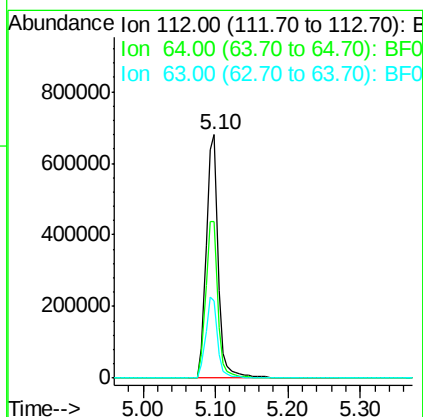
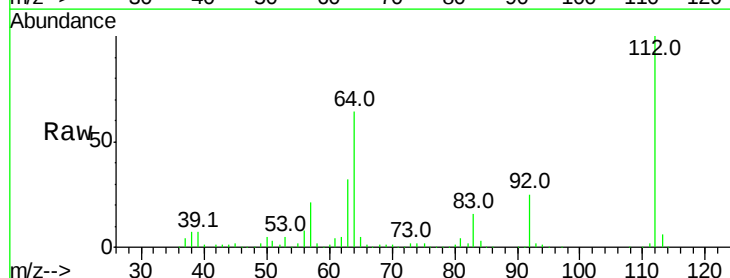
Tot Ion:152 Resp: 102130
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.2
115 60.2 52.2 78.2

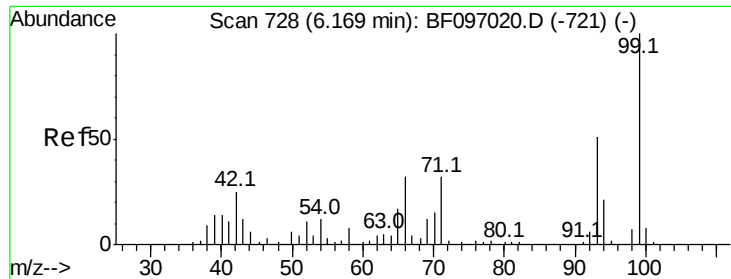


#5

2-Fluorophenol
Concen: 115.654 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097160.D
Acq: 28 Jul 2017 18:12

Tgt Ion:112 Resp: 783536
Ion Ratio Lower Upper
112 100
64 64.5 46.0 69.0
63 32.0 23.4 35.0





#7

Phenol-d6

Concen: 120.546 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097160.D

Acq: 28 Jul 2017 18:12

Instrument :

BNA_F

ClientSampleId :

PB101039BL

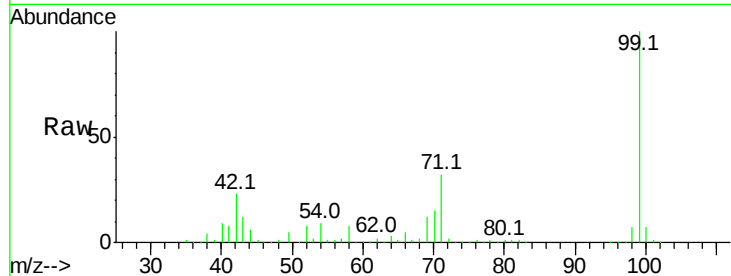
Tot Ion: 99 Resp: 932336

Ion Ratio Lower Upper

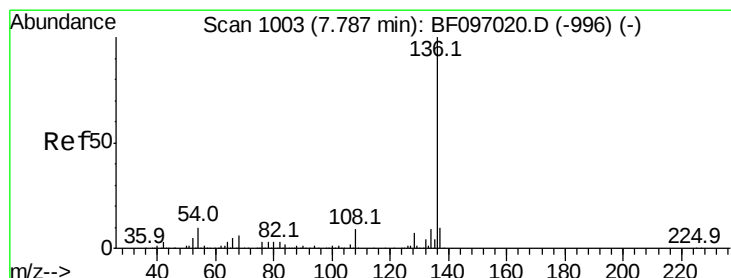
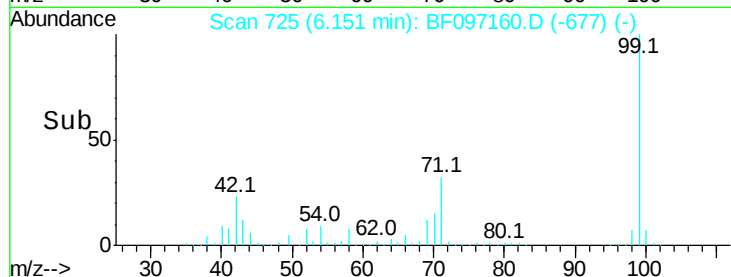
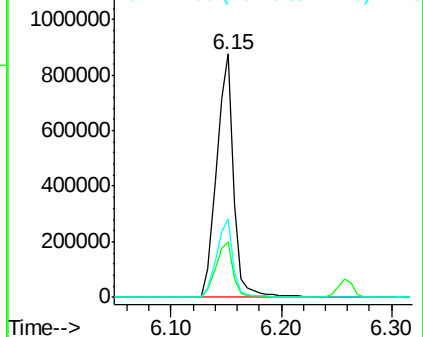
99 100

42 22.9 13.5 20.3#

71 32.2 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: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097160.D

Acq: 28 Jul 2017 18:12

Tgt Ion: 136 Resp: 436791

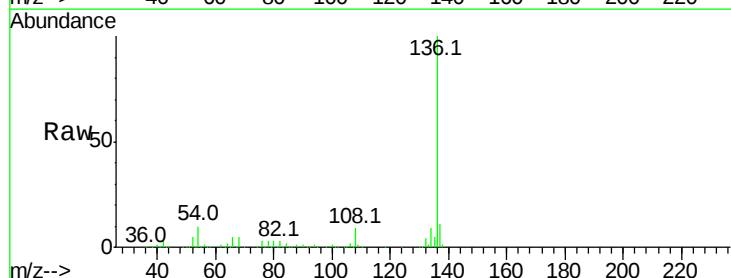
Ion Ratio Lower Upper

136 100

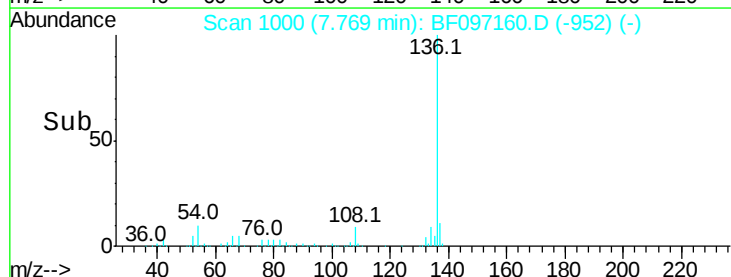
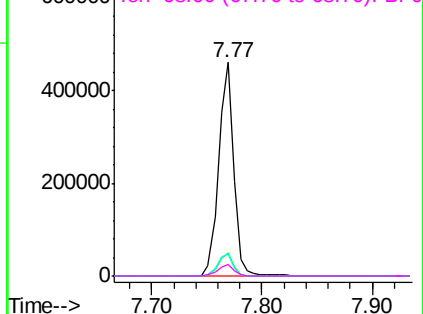
137 11.0 8.5 12.7

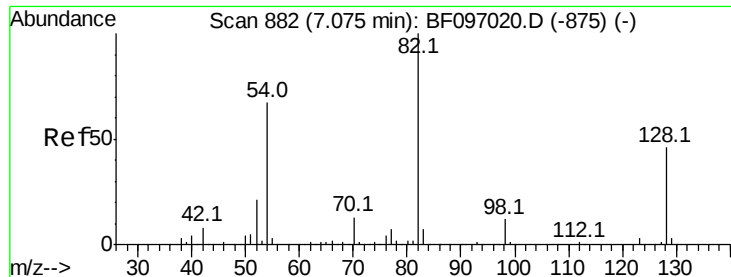
54 10.3 4.9 7.3#

68 5.2 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

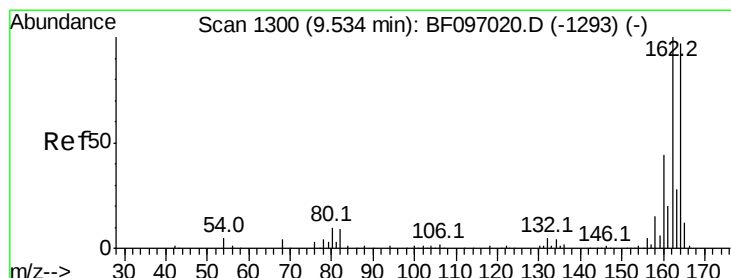
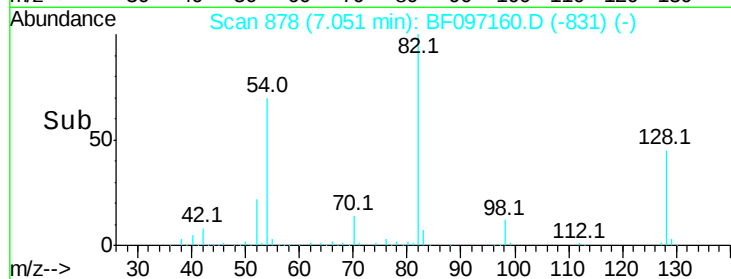
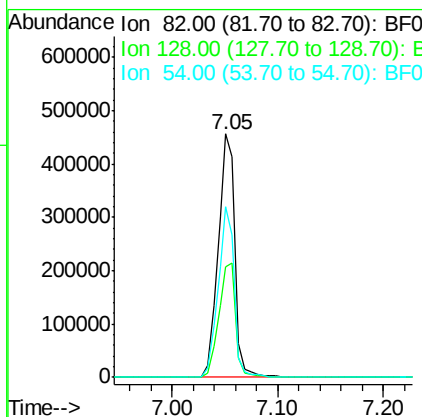
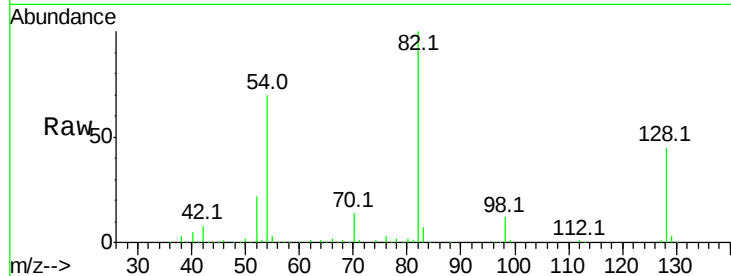




#23
 Nitrobenzene-d5
 Concen: 68.421 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF097160.D
 Acq: 28 Jul 2017 18:12

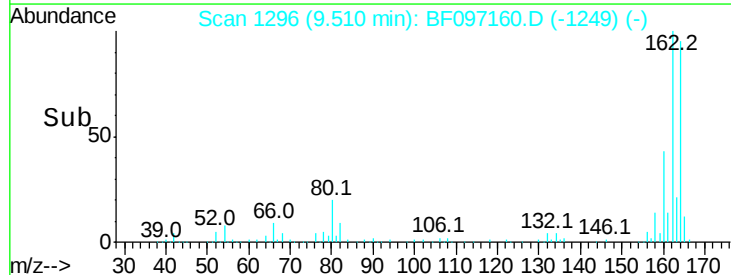
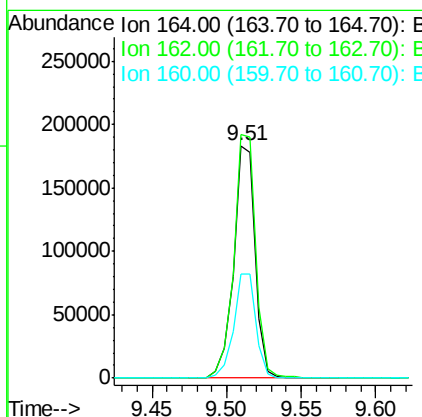
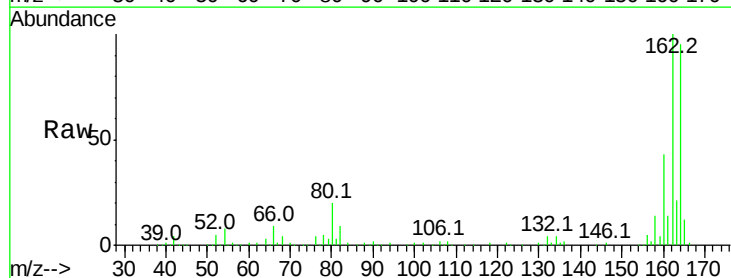
Instrument :
 BNA_F
 ClientSampleId :
 PB101039BL

Tot Ion: 82 Resp: 509439
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.0 51.0
 54 69.8 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BF097160.D
 Acq: 28 Jul 2017 18:12

Tgt Ion: 164 Resp: 186122
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.6 123.8
 160 44.7 36.2 54.2

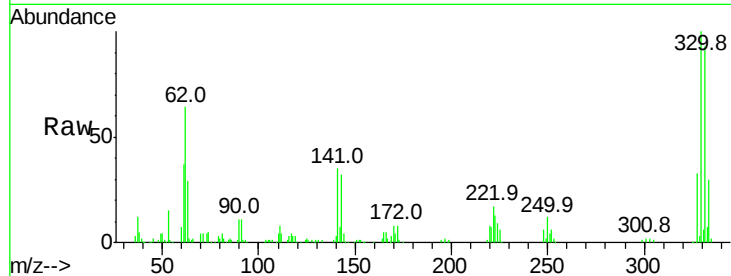




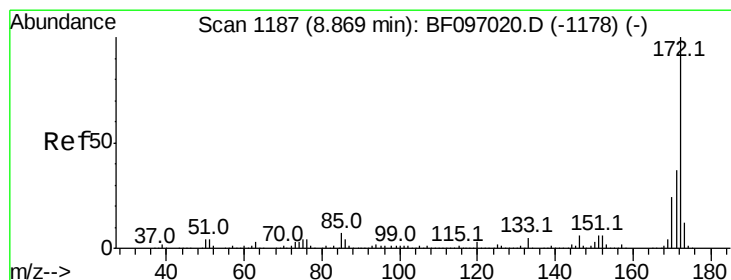
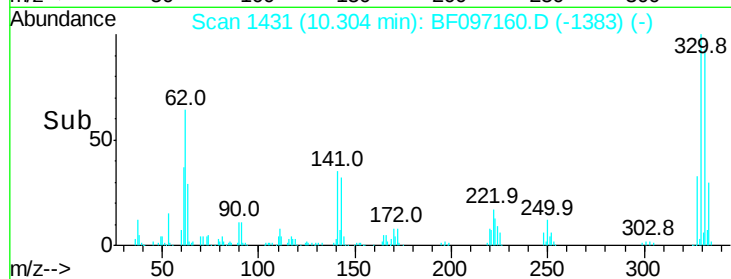
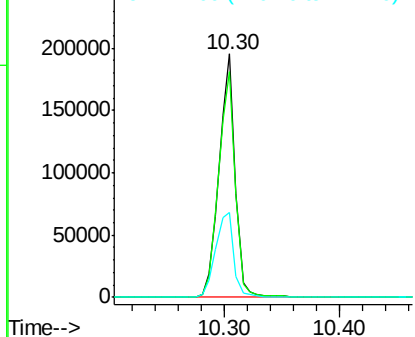
#41
 2,4,6-Tribromophenol
 Concen: 129.623 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097160.D
 Acq: 28 Jul 2017 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB101039BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	39.3	31.4	47.2

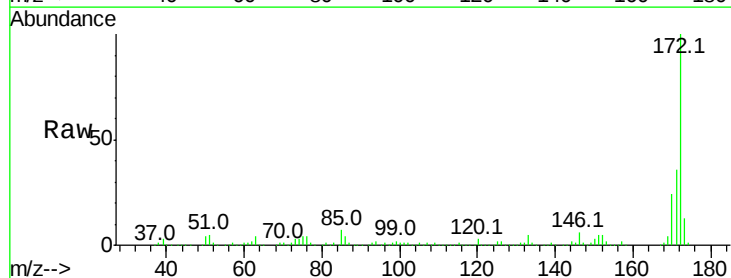


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

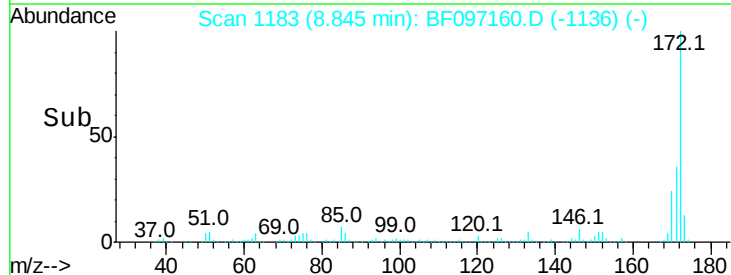
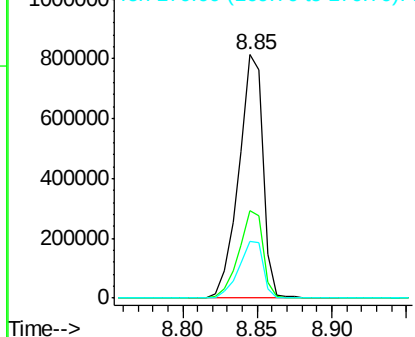


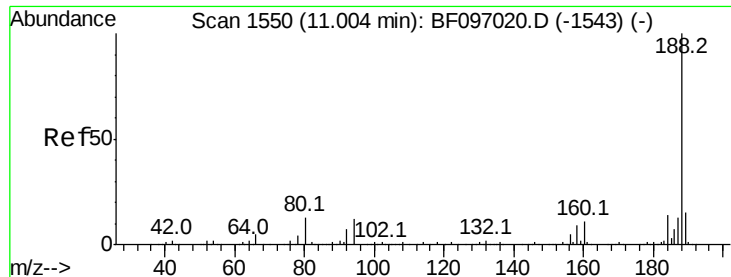
#44
 2-Fluorobiphenyl
 Concen: 83.823 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF097160.D
 Acq: 28 Jul 2017 18:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.5	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

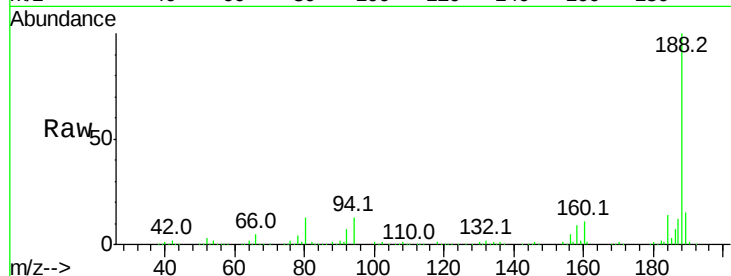




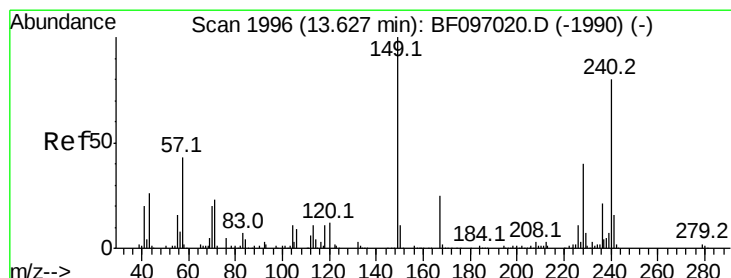
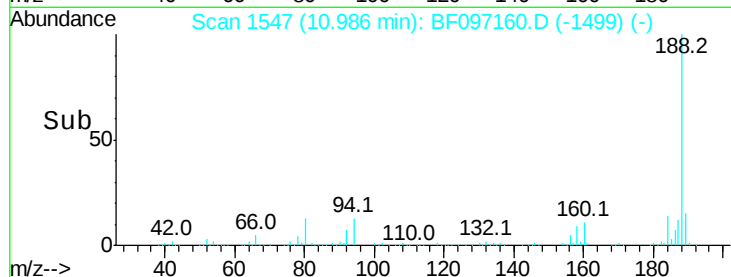
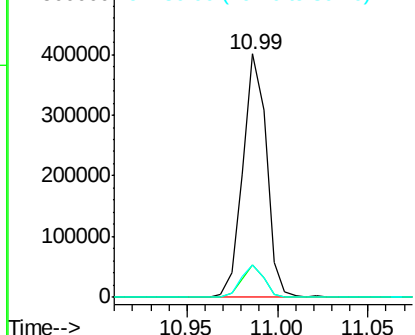
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097160.D
Acq: 28 Jul 2017 18:12

Instrument :
BNA_F
ClientSampleId :
PB101039BL

Tot Ion:188 Resp: 364131
Ion Ratio Lower Upper
188 100
94 13.4 9.4 14.2
80 13.1 10.2 15.2

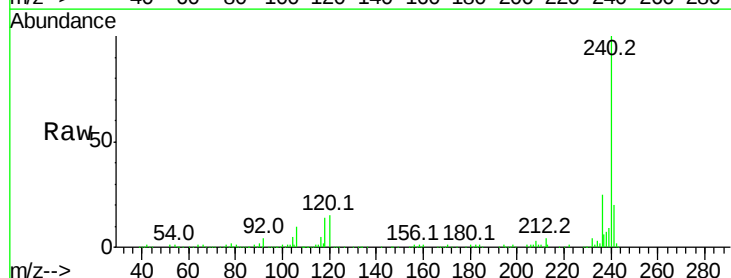


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

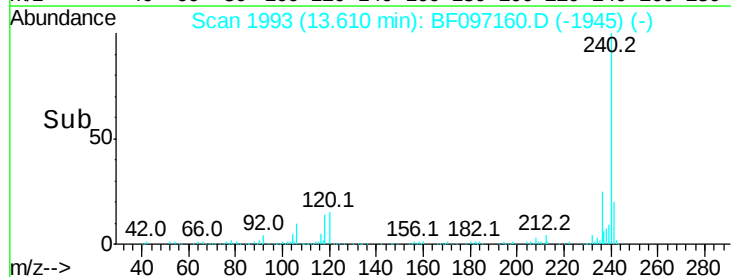
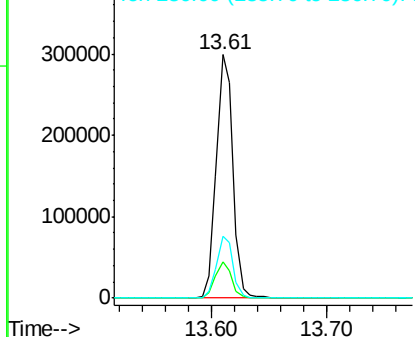


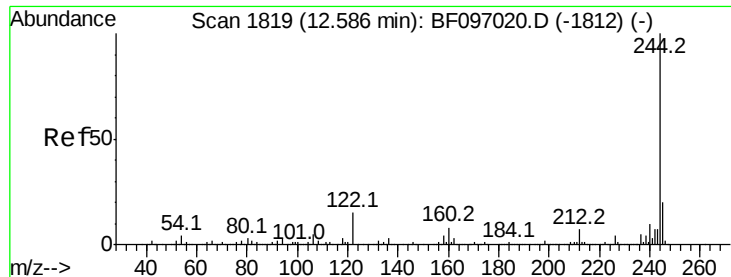
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097160.D
Acq: 28 Jul 2017 18:12

Tgt Ion:240 Resp: 298822
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 25.2 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: 52.587 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097160.D

Acq: 28 Jul 2017 18:12

Instrument :

BNA_F

ClientSampleId :

PB101039BL

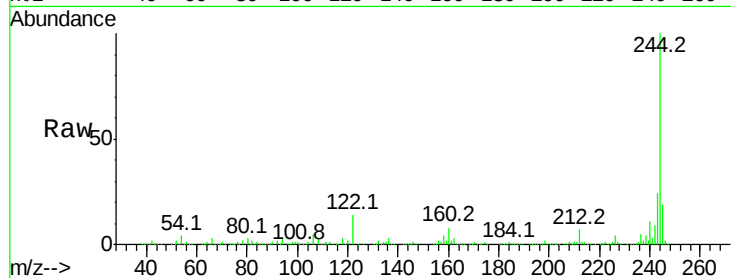
Tot Ion:244 Resp: 770731

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

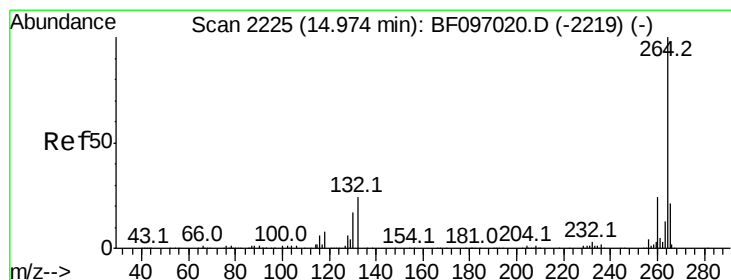
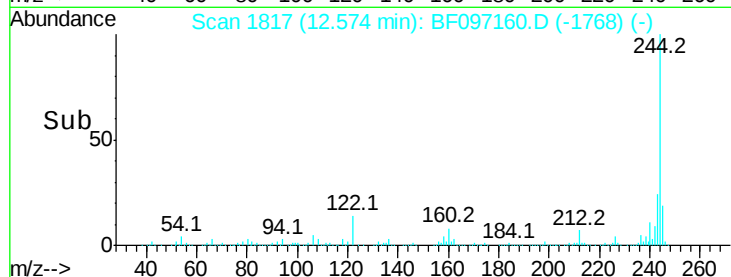
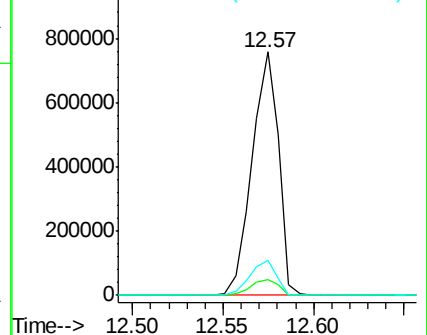
122 14.4 10.3 15.5



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: BF097160.D

Acq: 28 Jul 2017 18:12

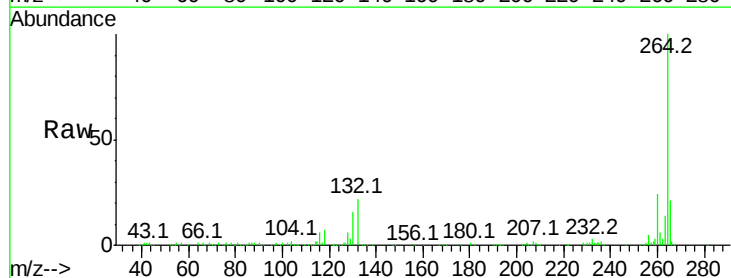
Tgt Ion:264 Resp: 211056

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 20.9 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

