

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091948.D
 Acq On : 24 Dec 2016 3:46
 Operator : UM/SJ
 Sample : H6205-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-18

Quant Time: Dec 24 04:51:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

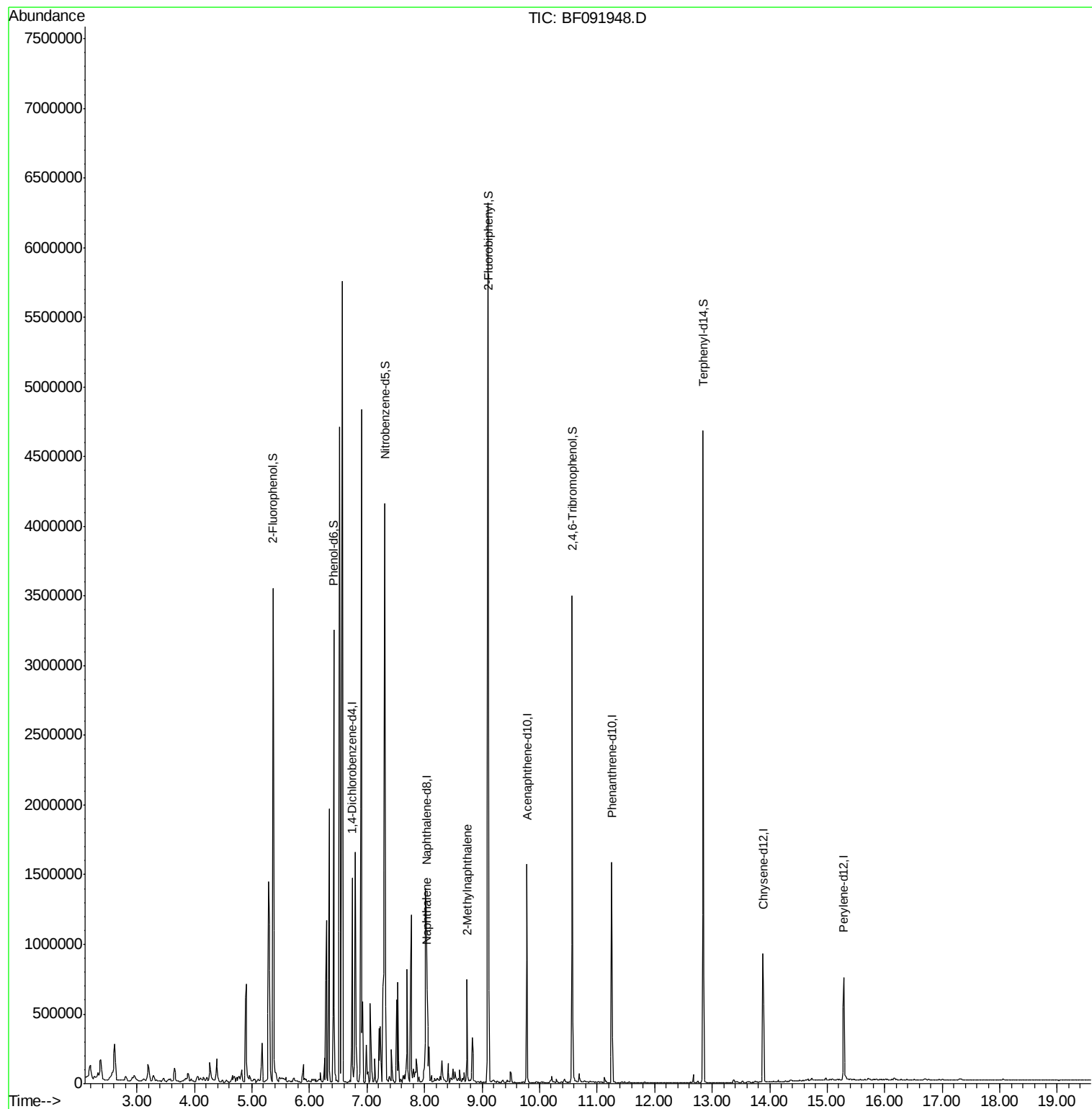
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	209428	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	815942	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	418757	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	575949	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	396999	20.00	ng	-0.02
86) Perylene-d12	15.29	264	375815	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1075372	85.74	ng	0.02
7) Phenol-d6	6.42	99	648979	42.38	ng	0.01
23) Nitrobenzene-d5	7.31	82	1306125	89.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	393814	113.64	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2014984	101.02	ng	-0.01
78) Terphenyl-d14	12.84	244	1496273	91.41	ng	-0.01
Target Compounds						
31) Naphthalene	8.04	128	281622	7.54	ng	98
37) 2-Methylnaphthalene	8.74	142	194581	6.28	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091948.D

Acq: 24 Dec 2016 3:46

Instrument :

BNA_F

ClientSampleId :

W-18

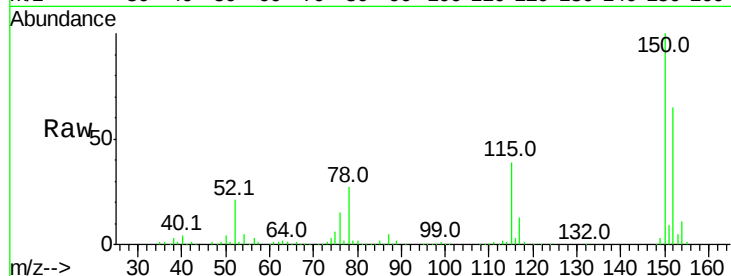
Tot Ion:152 Resp: 209428

Ion Ratio Lower Upper

152 100

150 154.4 124.9 187.3

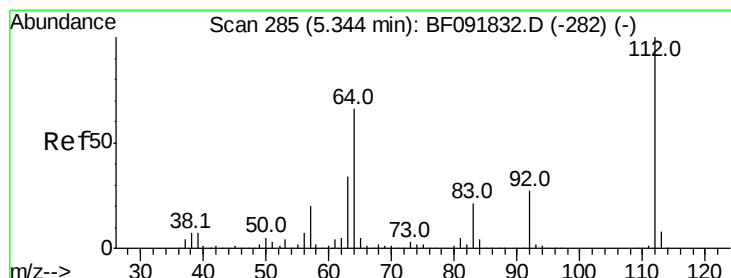
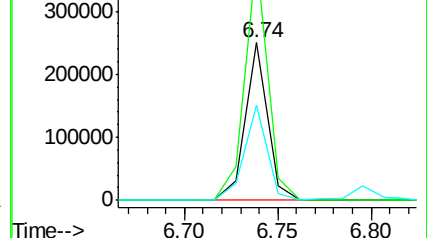
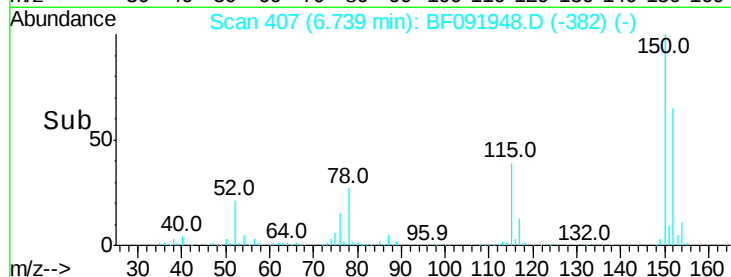
115 60.5 46.0 69.0



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: 85.74 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091948.D

Acq: 24 Dec 2016 3:46

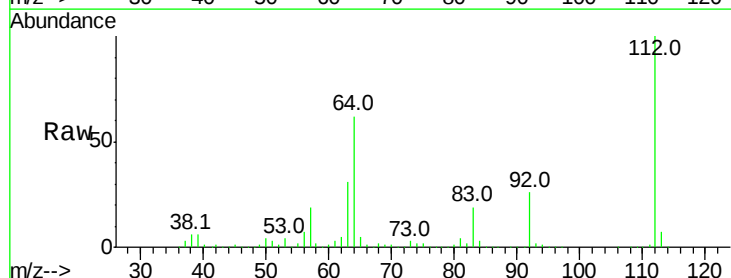
Tgt Ion:112 Resp: 1075372

Ion Ratio Lower Upper

112 100

64 62.3 46.1 69.1

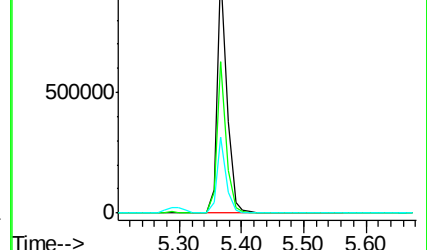
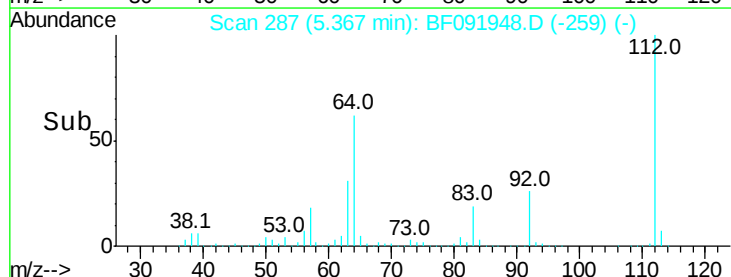
63 31.1 23.8 35.6



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: 42.38 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF091948.D

Acq: 24 Dec 2016 3:46

Instrument :

BNA_F

ClientSampleId :

W-18

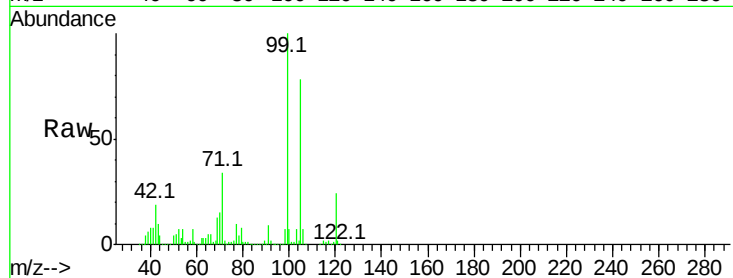
Tot Ion: 99 Resp: 648979

Ion Ratio Lower Upper

99 100

42 18.7 15.6 23.4

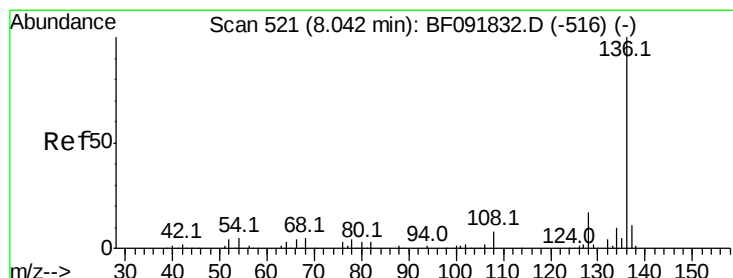
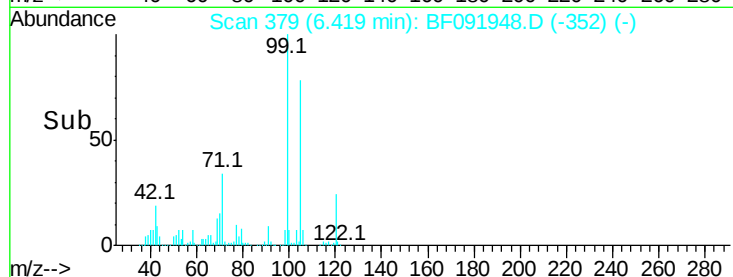
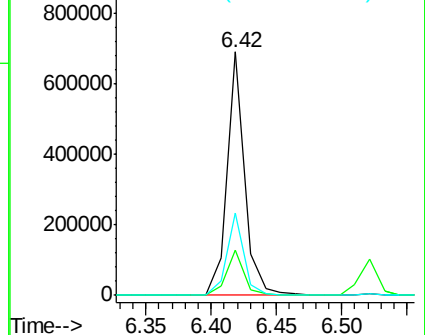
71 34.1 27.5 41.3



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: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091948.D

Acq: 24 Dec 2016 3:46

Tgt Ion: 136 Resp: 815942

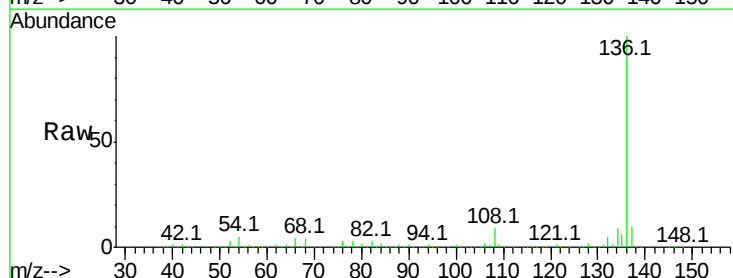
Ion Ratio Lower Upper

136 100

137 10.5 8.4 12.6

54 5.3 4.5 6.7

68 4.3 3.6 5.4

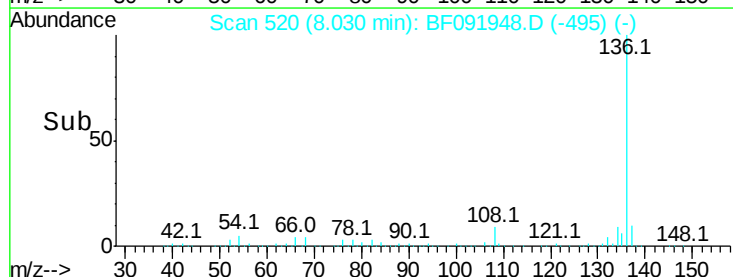
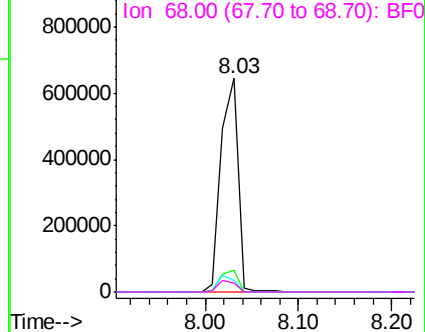


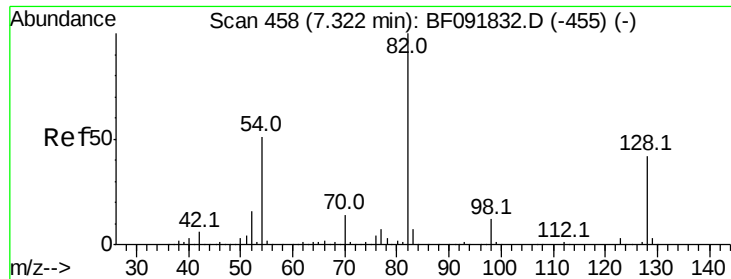
Abundance Ion 136.00 (135.70 to 136.70): E

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

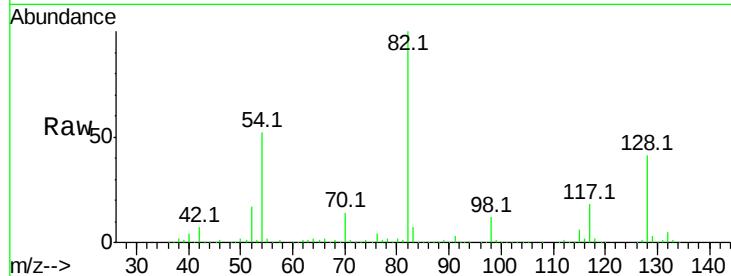




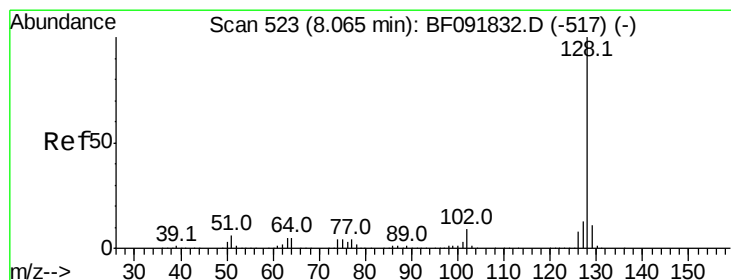
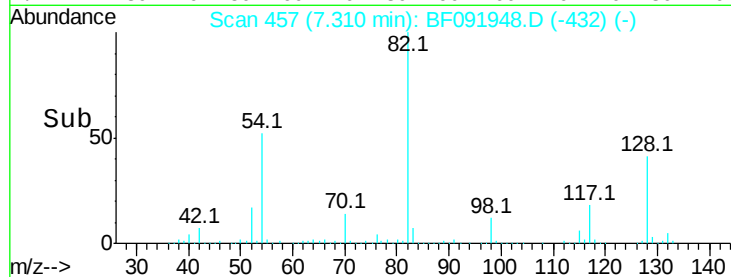
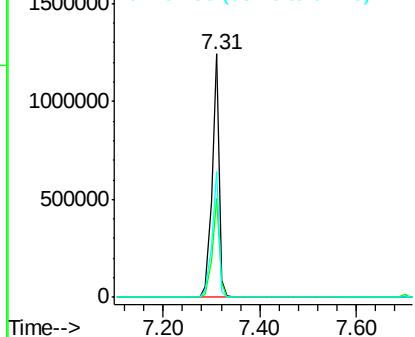
#23
Nitrobenzene-d5
Concen: 89.01 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091948.D
Acq: 24 Dec 2016 3:46

Instrument :
BNA_F
ClientSampleId :
W-18

Tot Ion: 82 Resp: 1306125
Ion Ratio Lower Upper
82 100
128 40.8 34.6 52.0
54 51.6 39.5 59.3

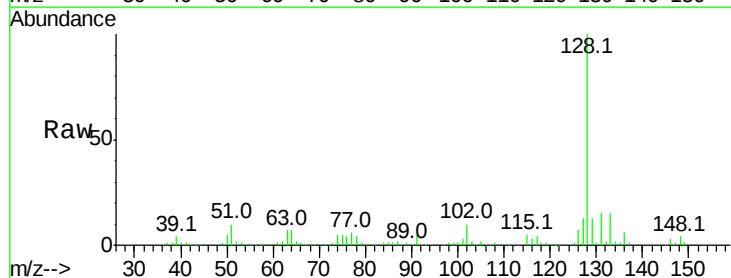


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

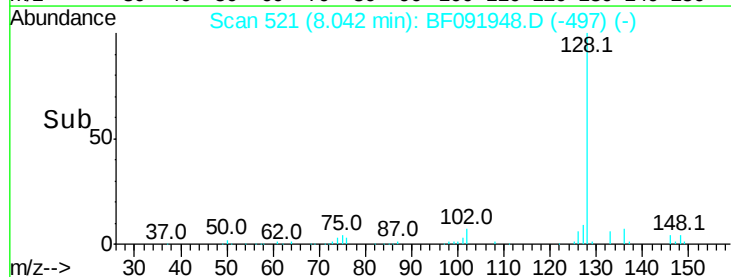
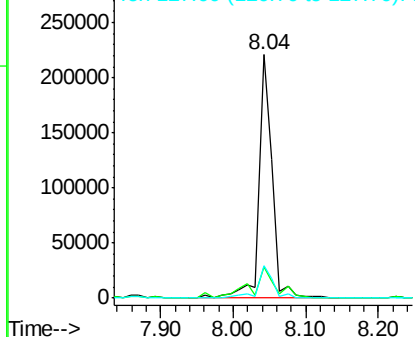


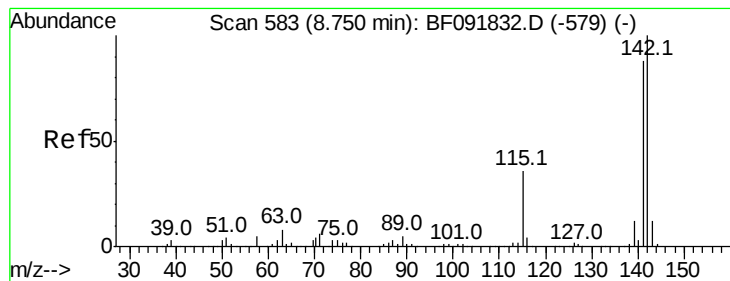
#31
Naphthalene
Concen: 7.54 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091948.D
Acq: 24 Dec 2016 3:46

Tgt Ion: 128 Resp: 281622
Ion Ratio Lower Upper
128 100
129 13.0 9.5 14.3
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): B
Ion 129.00 (128.70 to 129.70): B
Ion 127.00 (126.70 to 127.70): B

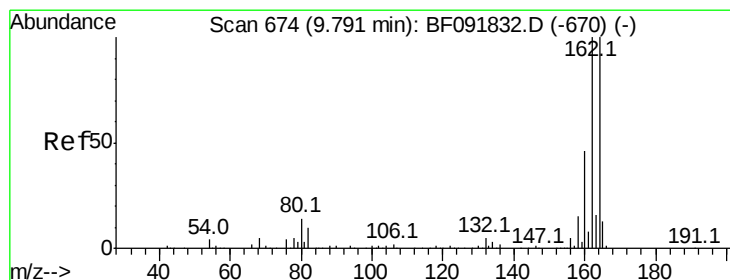
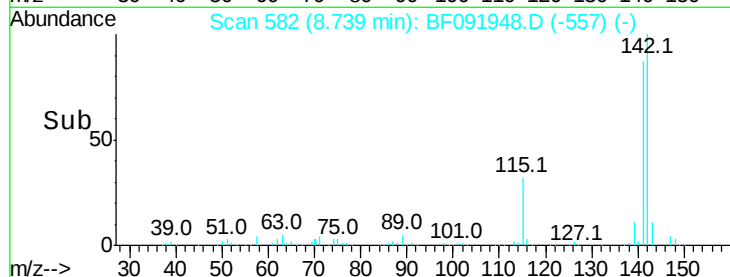
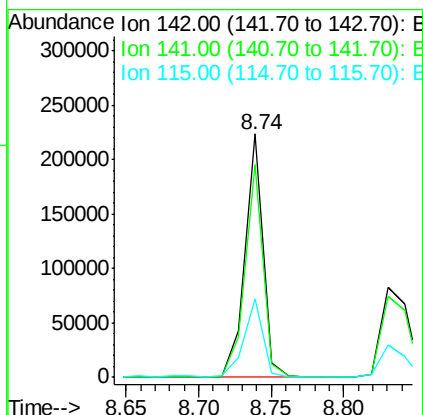
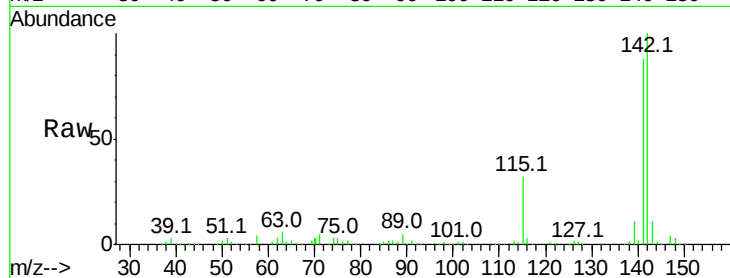




#37
2-Methylnaphthalene
Concen: 6.28 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF091948.D
Acq: 24 Dec 2016 3:46

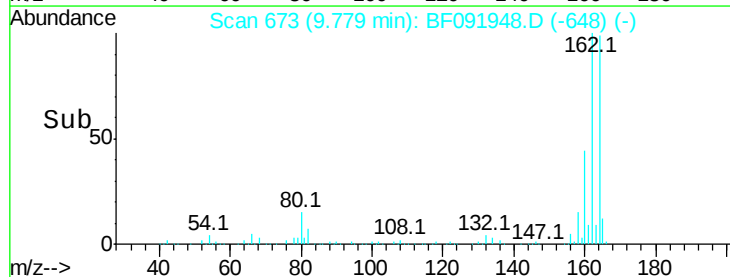
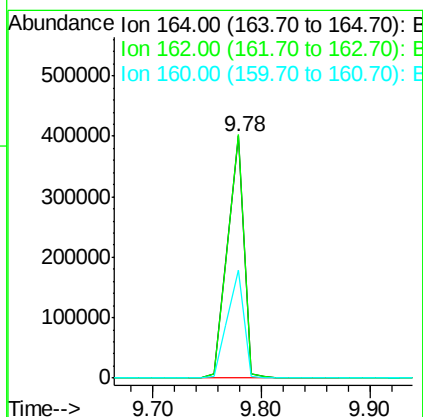
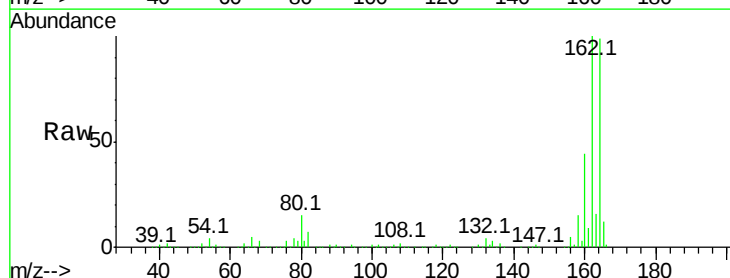
Instrument :
BNA_F
ClientSampleId :
W-18

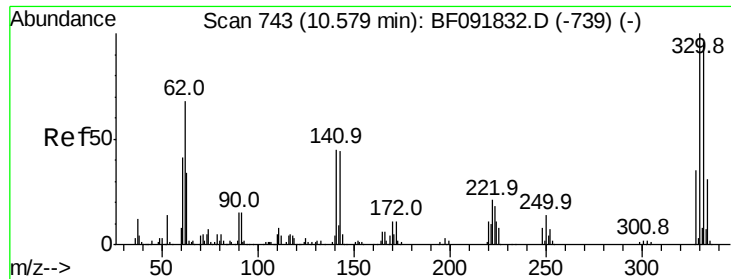
Tot Ion:142 Resp: 194581
Ion Ratio Lower Upper
142 100
141 87.5 71.0 106.6
115 32.1 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091948.D
Acq: 24 Dec 2016 3:46

Tgt Ion:164 Resp: 418757
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.2
160 44.4 36.9 55.3

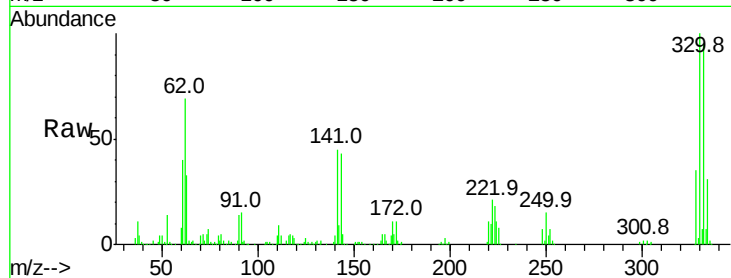




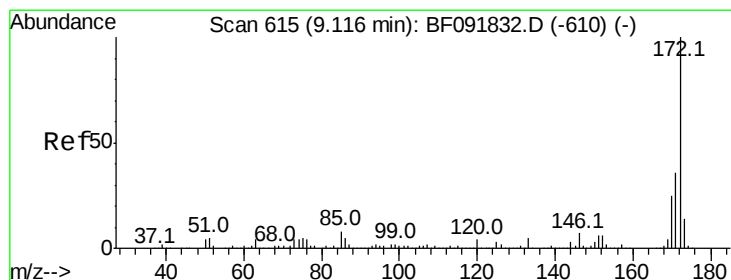
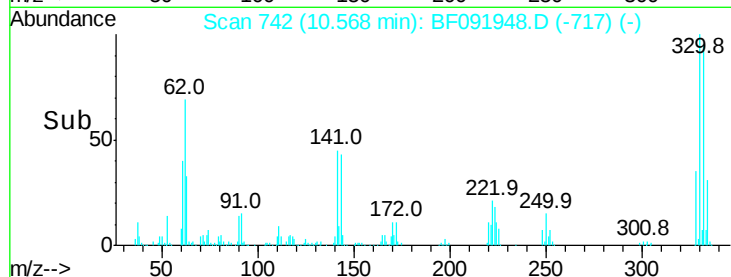
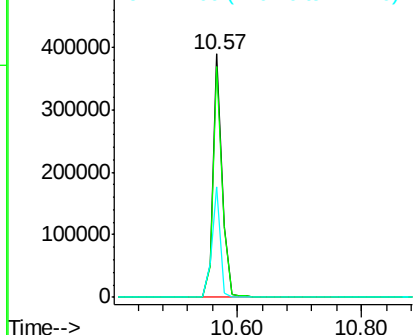
#41
 2,4,6-Tribromophenol
 Concen: 113.64 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091948.D
 Acq: 24 Dec 2016 3:46

Instrument :
 BNA_F
 ClientSampled :
 W-18

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.2
141	42.4	34.1	51.1

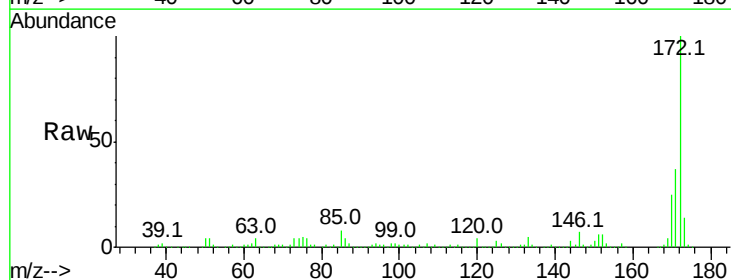


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

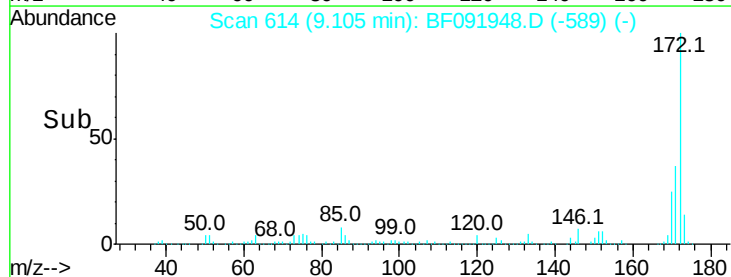
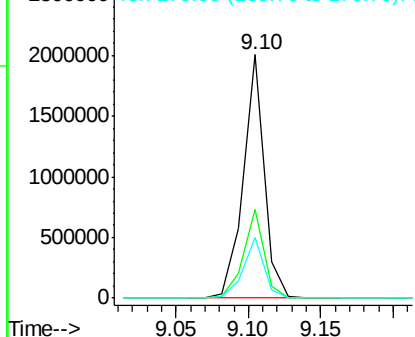


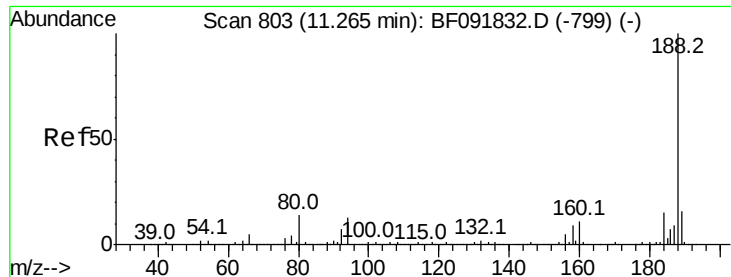
#44
 2-Fluorobiphenyl
 Concen: 101.02 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091948.D
 Acq: 24 Dec 2016 3:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	25.0	20.2	30.4



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

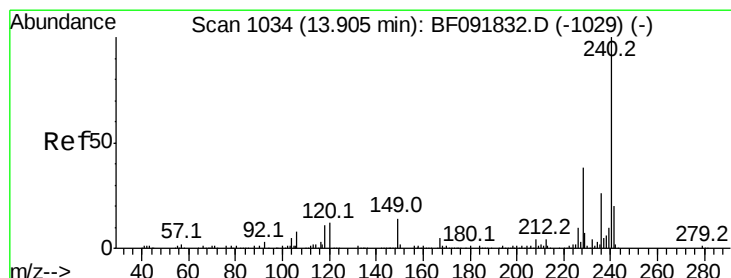
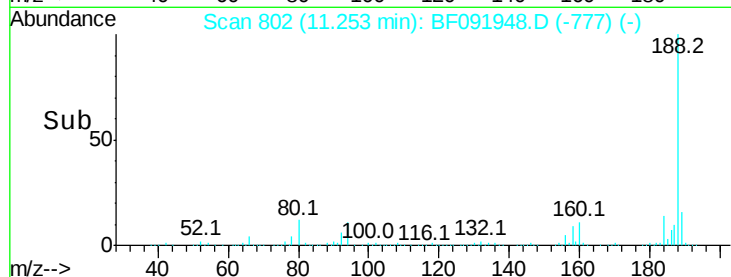
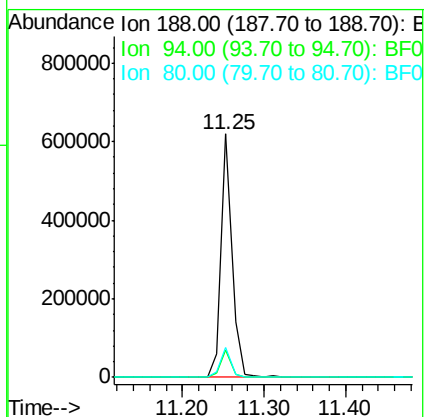
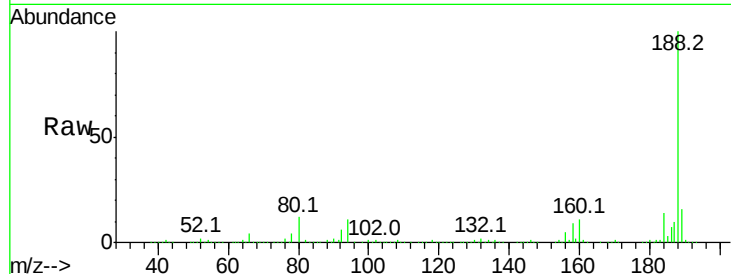




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091948.D
Acq: 24 Dec 2016 3:46

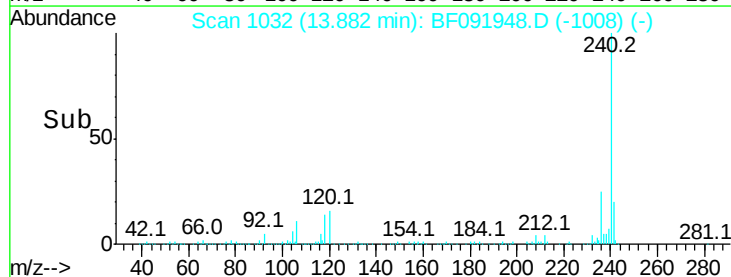
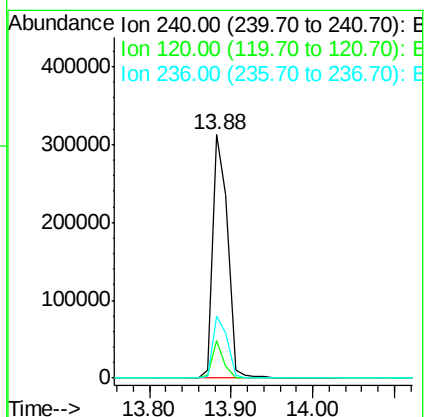
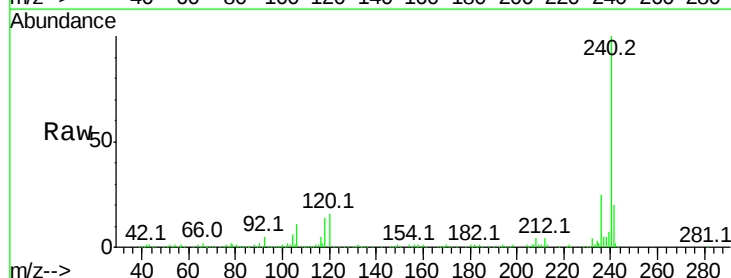
Instrument :
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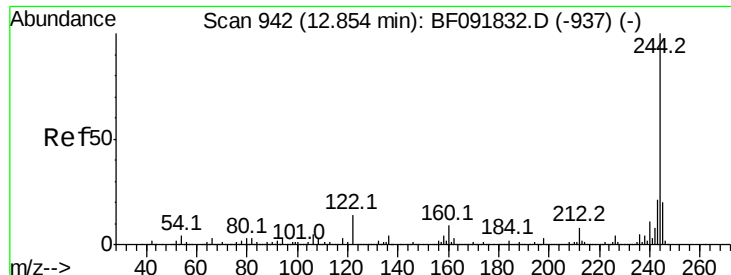
Tot Ion:188 Resp: 575949
Ion Ratio Lower Upper
188 100
94 11.1 10.0 15.0
80 12.3 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF091948.D
Acq: 24 Dec 2016 3:46

Tgt Ion:240 Resp: 396999
Ion Ratio Lower Upper
240 100
120 15.7 12.9 19.3
236 25.4 20.9 31.3





#78

Terphenyl-d14

Concen: 91.41 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091948.D

Acq: 24 Dec 2016 3:46

Instrument :

BNA_F

ClientSampleId :

W-18

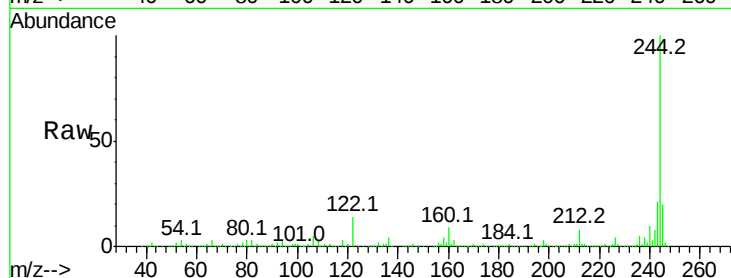
Tot Ion:244 Resp: 1496273

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

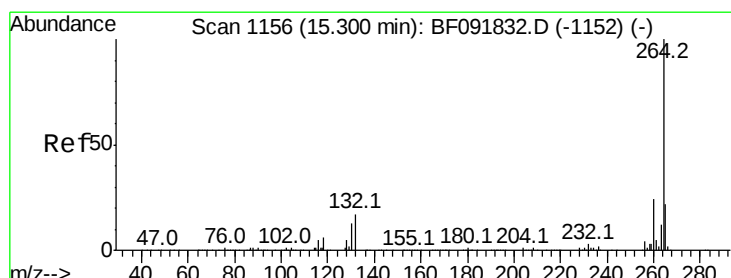
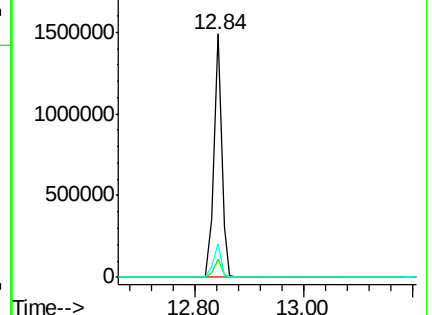
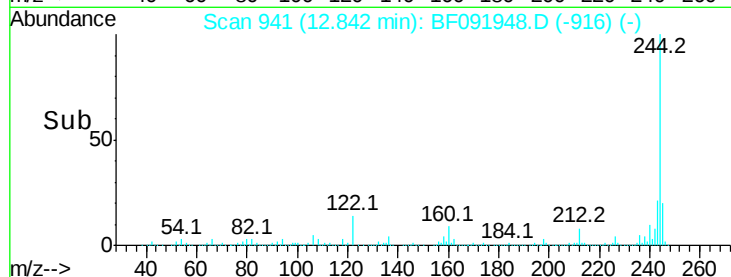
122 13.7 11.4 17.2



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: 20.00 ng

RT: 15.29 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF091948.D

Acq: 24 Dec 2016 3:46

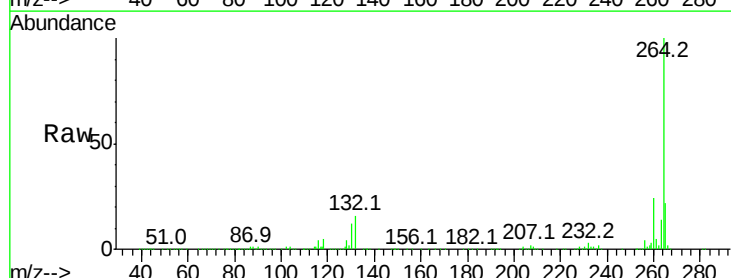
Tgt Ion:264 Resp: 375815

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 22.4 17.4 26.0



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

