

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091940.D
 Acq On : 23 Dec 2016 22:43
 Operator : UM/SJ
 Sample : H6226-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116

Quant Time: Dec 23 23:33:18 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	198902	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	778228	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	389909	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	547179	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	383890	20.00	ng	-0.02
86) Perylene-d12	15.28	264	326445	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1501974	126.09	ng	0.03
7) Phenol-d6	6.43	99	1756906	120.80	ng	0.02
23) Nitrobenzene-d5	7.31	82	1323276	94.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	386901	119.90	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2009747	109.30	ng	-0.01
78) Terphenyl-d14	12.84	244	1434002	90.59	ng	-0.01

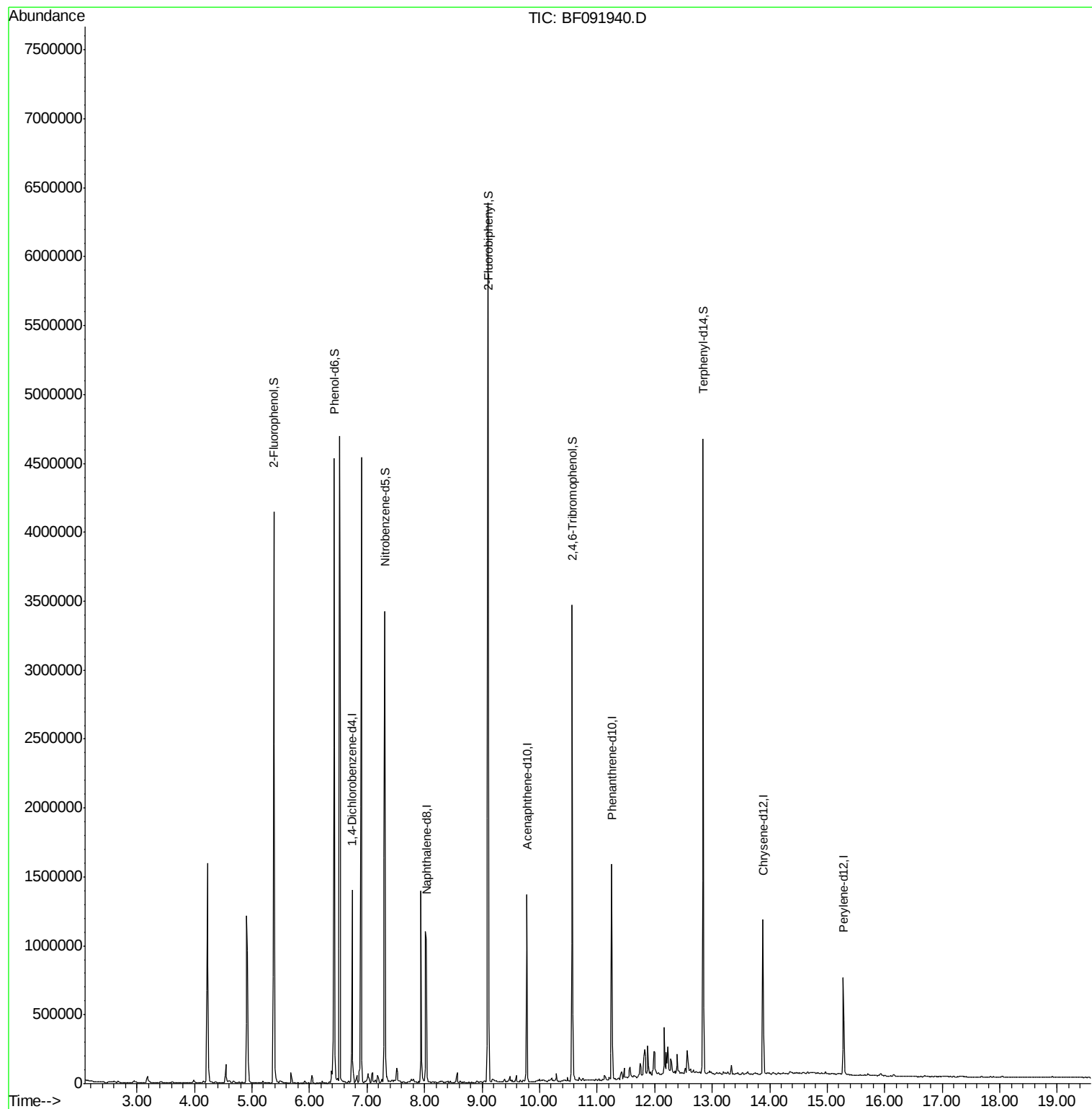
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091940.D

Acq: 23 Dec 2016 22:43

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116

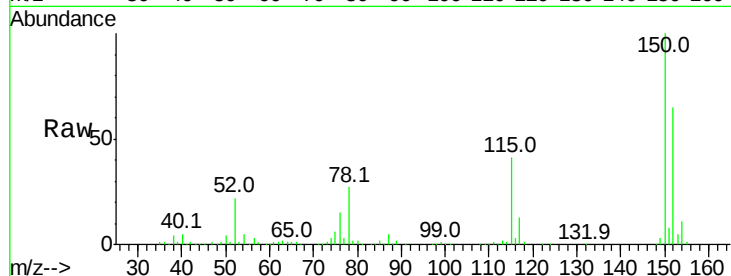
Tot Ion:152 Resp: 198902

Ion Ratio Lower Upper

152 100

150 154.2 124.9 187.3

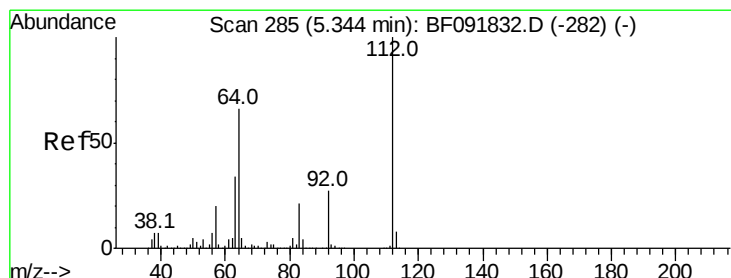
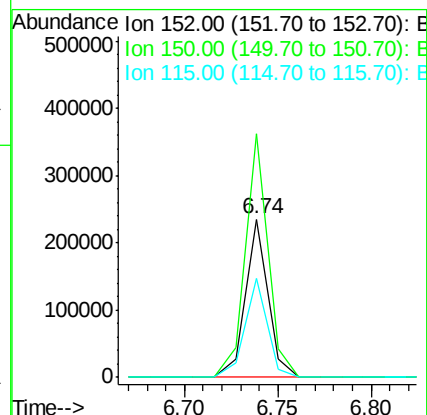
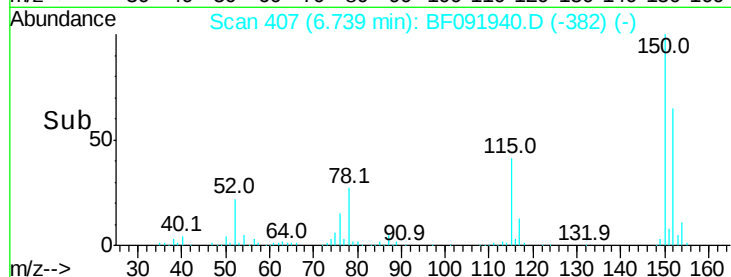
115 62.7 46.0 69.0



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: 126.09 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.03 min

Lab File: BF091940.D

Acq: 23 Dec 2016 22:43

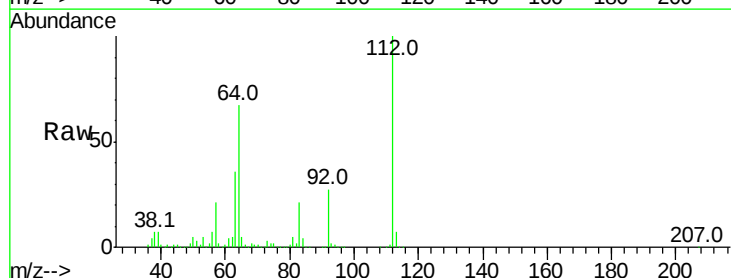
Tgt Ion:112 Resp: 1501974

Ion Ratio Lower Upper

112 100

64 66.8 46.1 69.1

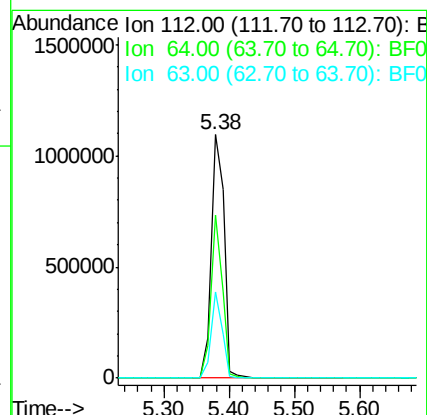
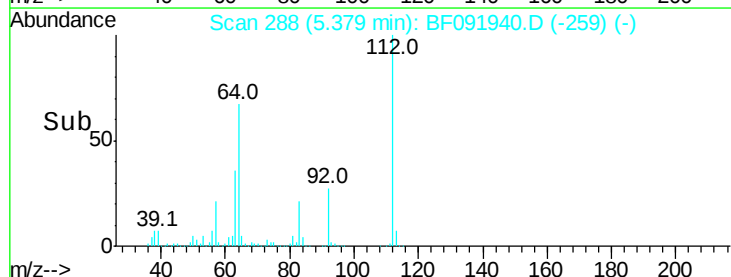
63 35.5 23.8 35.6

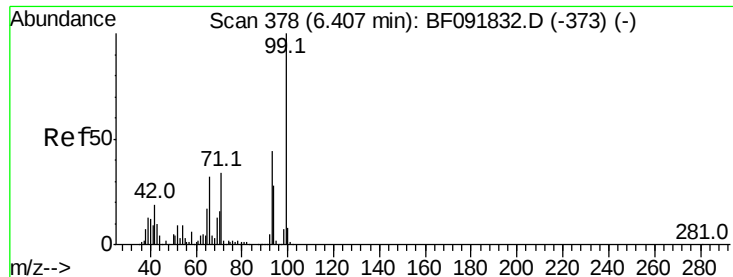


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.80 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.02 min

Lab File: BF091940.D

Acq: 23 Dec 2016 22:43

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116

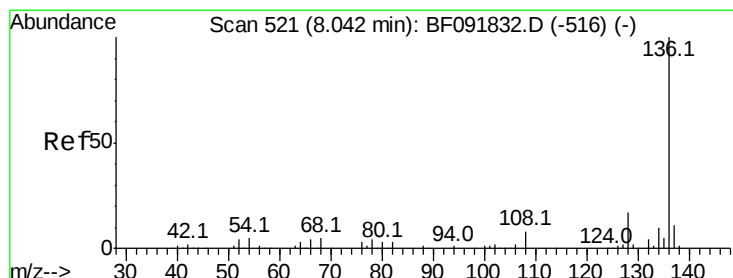
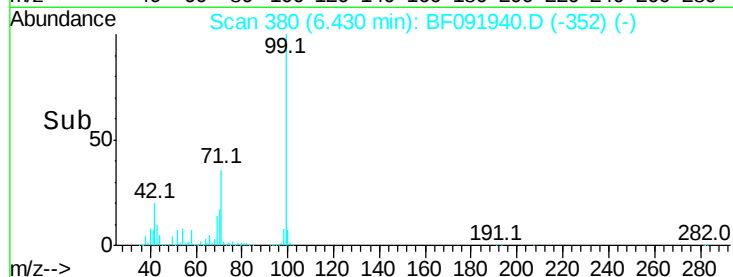
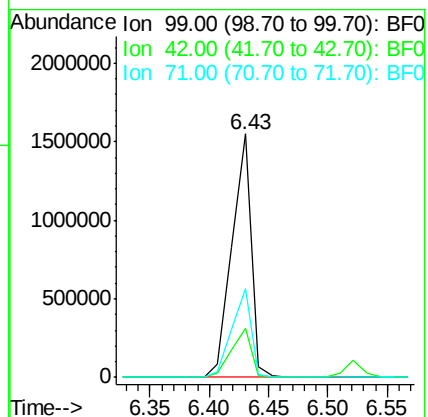
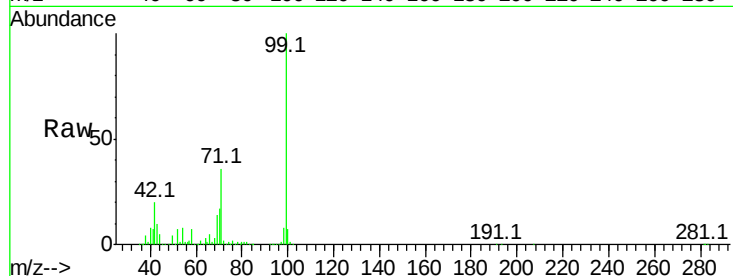
Tot Ion: 99 Resp: 1756906

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

71 36.2 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091940.D

Acq: 23 Dec 2016 22:43

Tgt Ion: 136 Resp: 778228

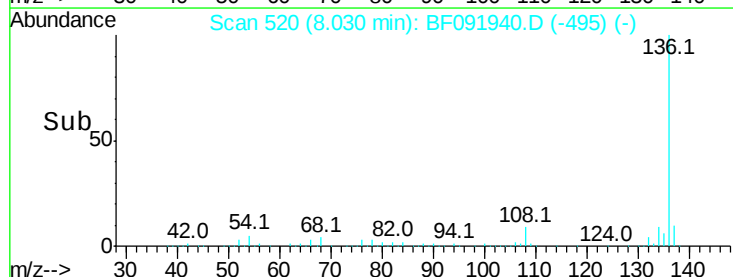
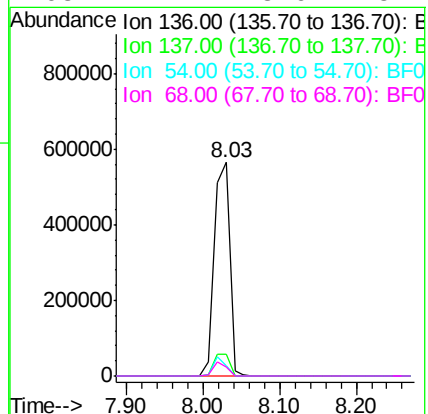
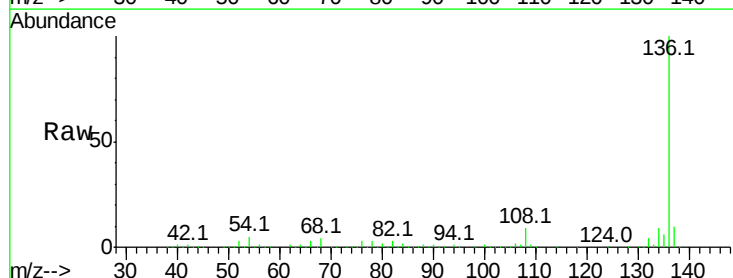
Ion Ratio Lower Upper

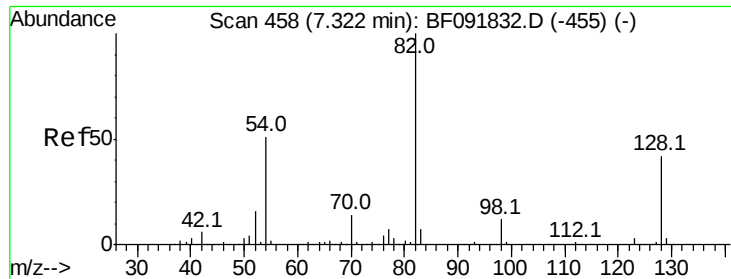
136 100

137 10.4 8.4 12.6

54 5.1 4.5 6.7

68 4.1 3.6 5.4



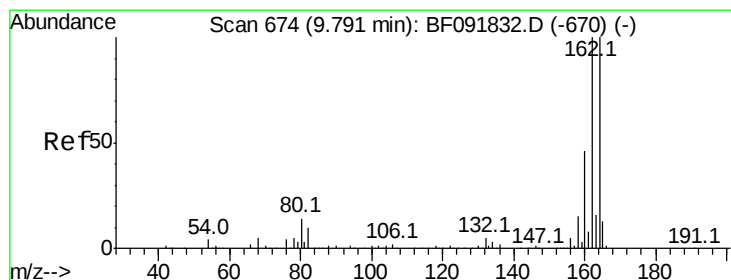
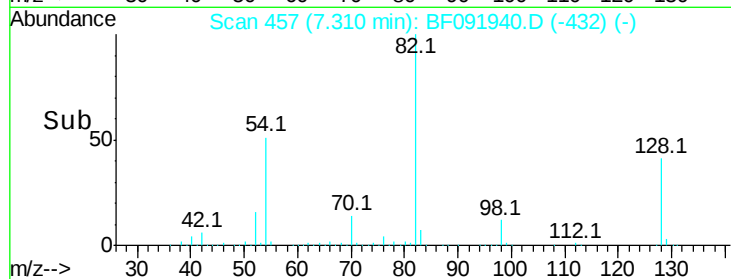
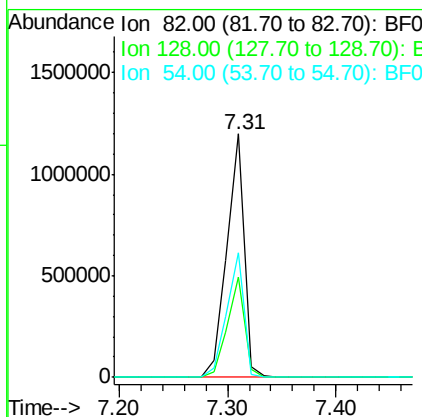
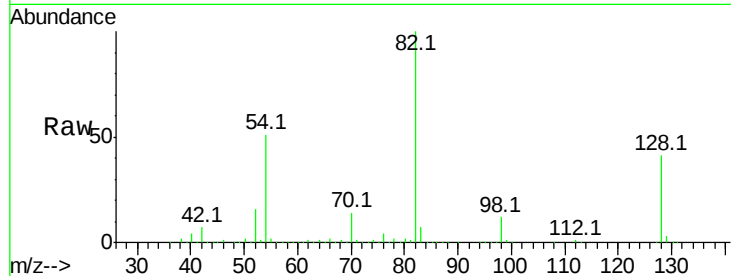


#23
 Nitrobenzene-d5
 Concen: 94.55 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF091940.D
 Acq: 23 Dec 2016 22:43

Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116

Tot Ion: 82 Resp: 1323276

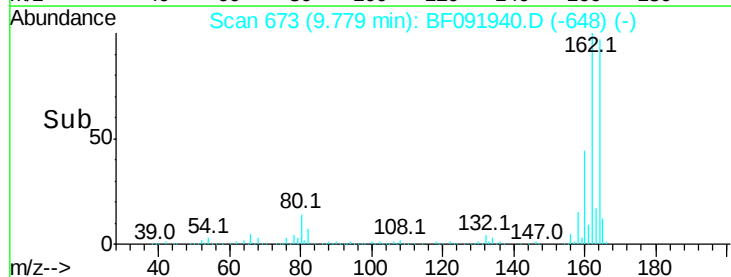
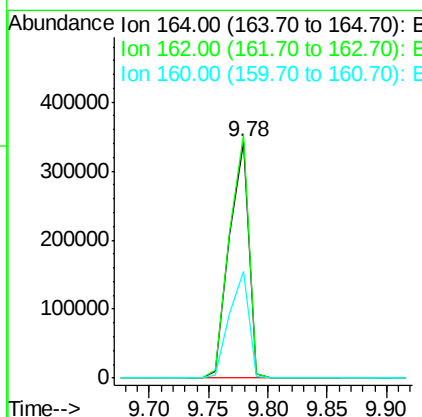
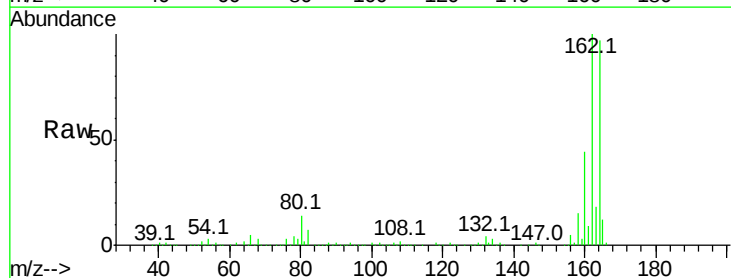
Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.6	52.0
54	51.1	39.5	59.3

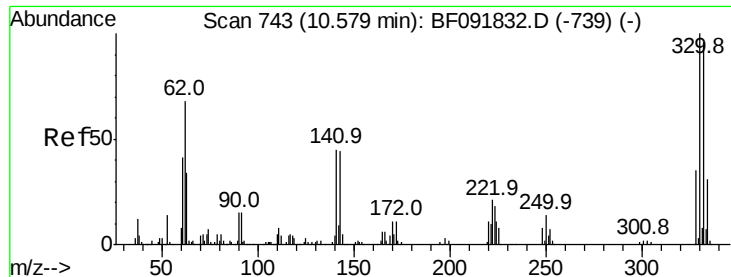


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF091940.D
 Acq: 23 Dec 2016 22:43

Tgt Ion:164 Resp: 389909

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.2	120.2
160	45.0	36.9	55.3

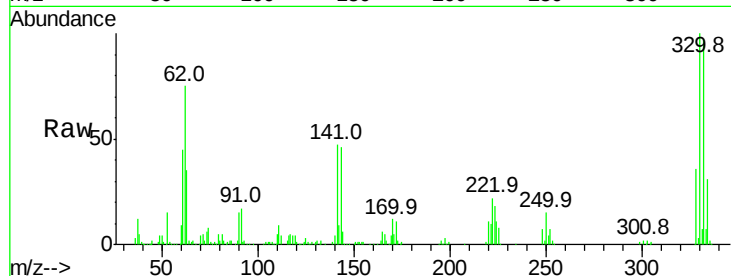




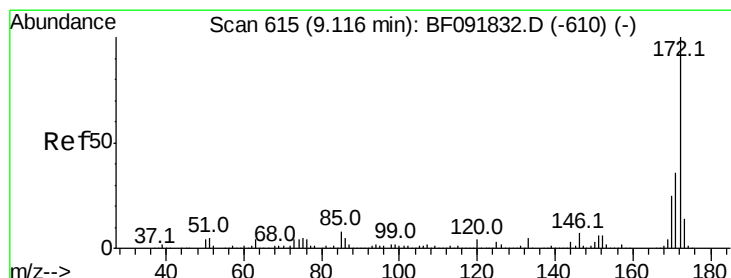
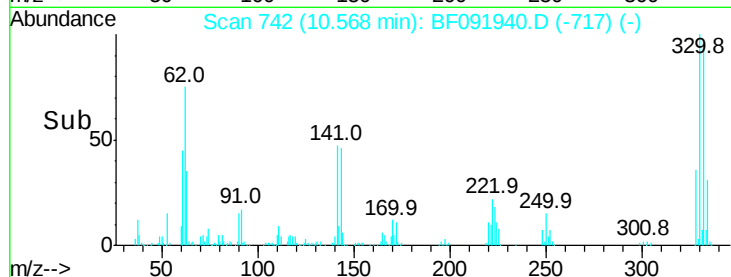
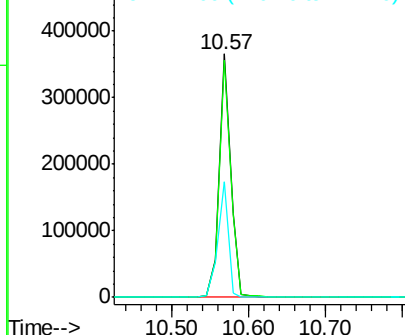
#41
 2,4,6-Tribromophenol
 Concen: 119.90 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091940.D
 Acq: 23 Dec 2016 22:43

Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	42.7	34.1	51.1

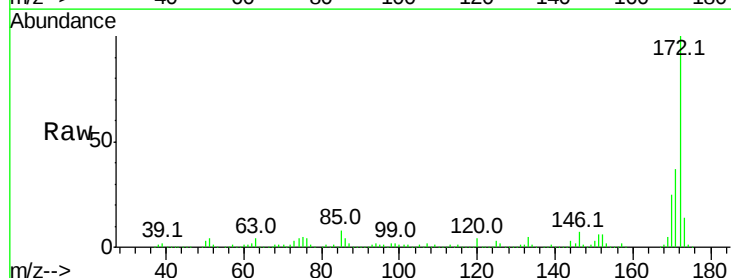


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

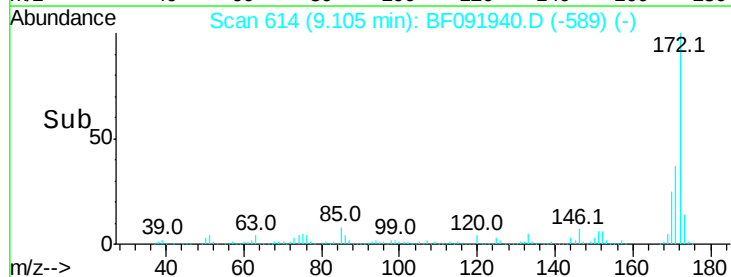
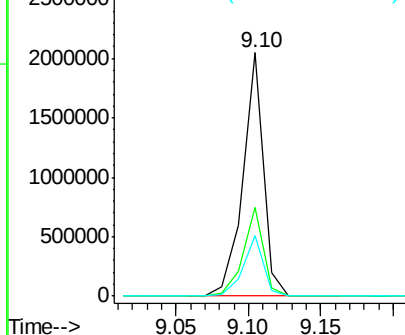


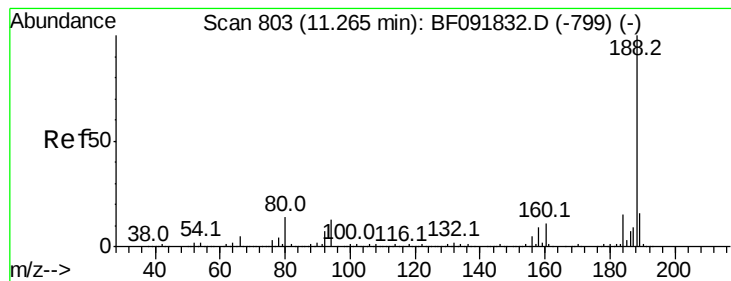
#44
 2-Fluorobiphenyl
 Concen: 109.30 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091940.D
 Acq: 23 Dec 2016 22:43

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: BF091940.D

Acq: 23 Dec 2016 22:43

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116

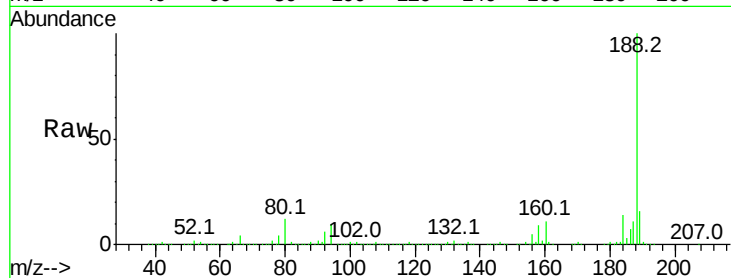
Tot Ion:188 Resp: 547179

Ion Ratio Lower Upper

188 100

94 10.5 10.0 15.0

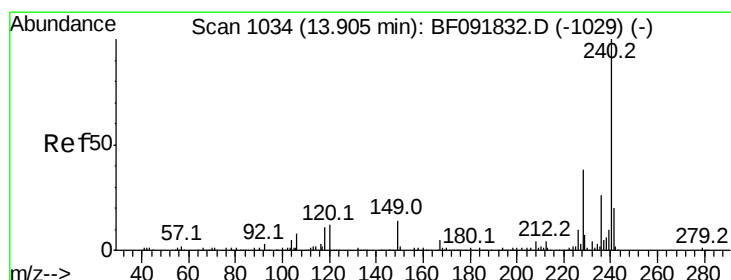
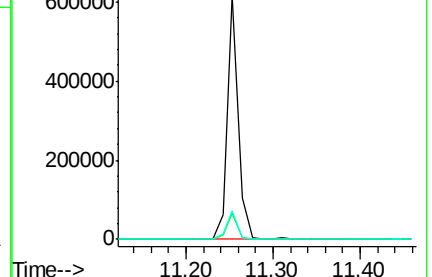
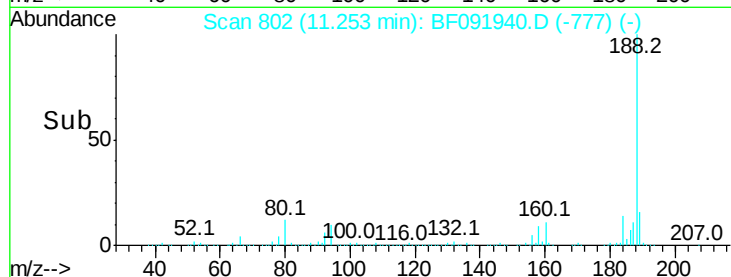
80 11.7 11.2 16.8



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: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF091940.D

Acq: 23 Dec 2016 22:43

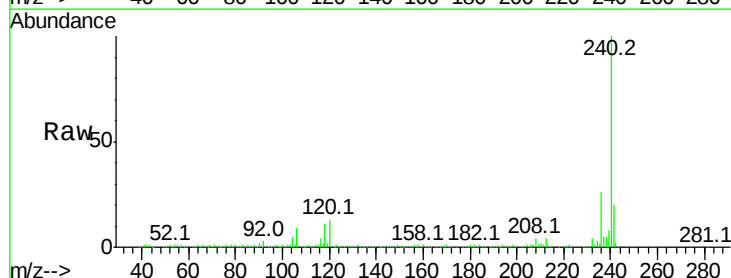
Tgt Ion:240 Resp: 383890

Ion Ratio Lower Upper

240 100

120 13.2 12.9 19.3

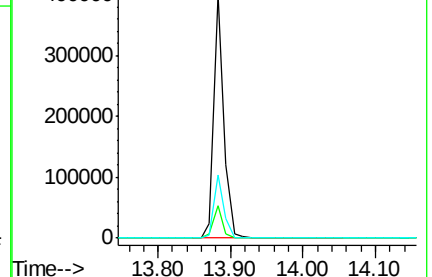
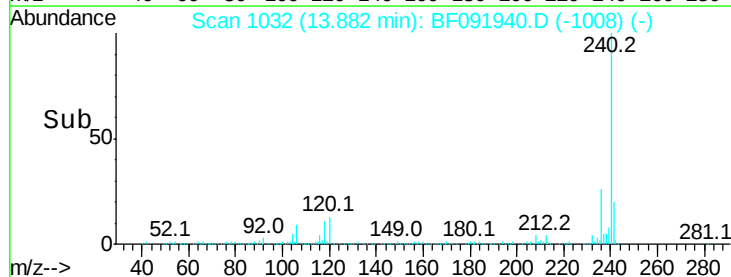
236 25.8 20.9 31.3

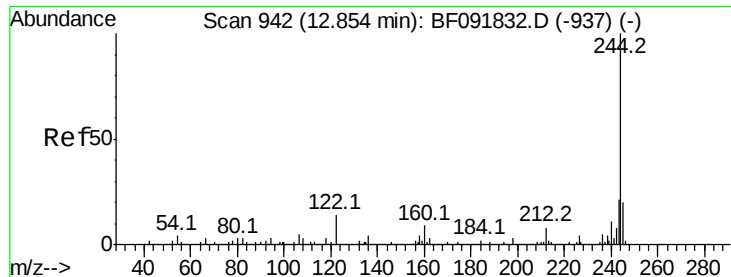


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.59 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091940.D

Acq: 23 Dec 2016 22:43

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116

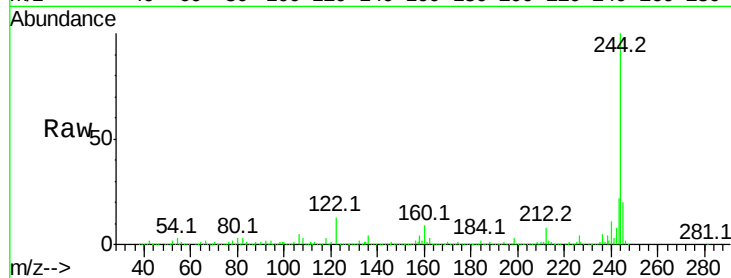
Tot Ion:244 Resp: 1434002

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

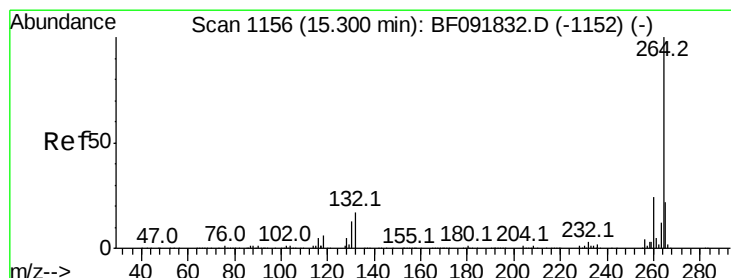
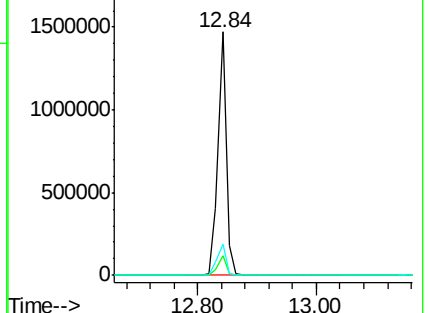
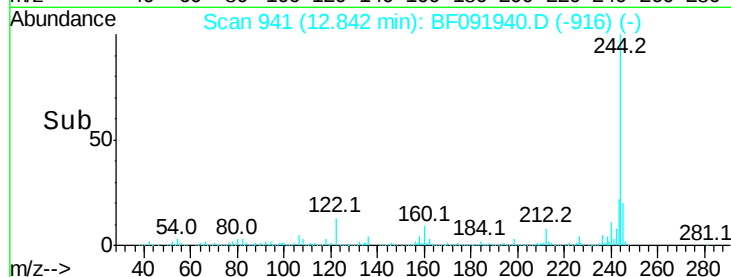
122 12.8 11.4 17.2



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: 15.28 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF091940.D

Acq: 23 Dec 2016 22:43

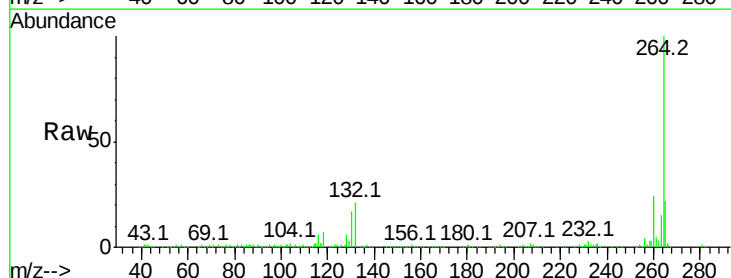
Tgt Ion:264 Resp: 326445

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.9 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

