

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092290.D
 Acq On : 16 Jan 2017 17:38
 Operator : UM/SJ
 Sample : I1196-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-35

Quant Time: Jan 17 01:15:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 00:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	201309	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	803202	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	519205	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	841579	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	731203	20.00	ng	-0.01
86) Perylene-d12	15.05	264	566114	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	902461	74.85	ng	0.00
7) Phenol-d6	6.22	99	733594	49.84	ng	-0.01
23) Nitrobenzene-d5	7.14	82	1447399	100.20	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	636572	148.15	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	2309334	92.23	ng	0.00
78) Terphenyl-d14	12.66	244	2433005	80.70	ng	0.00

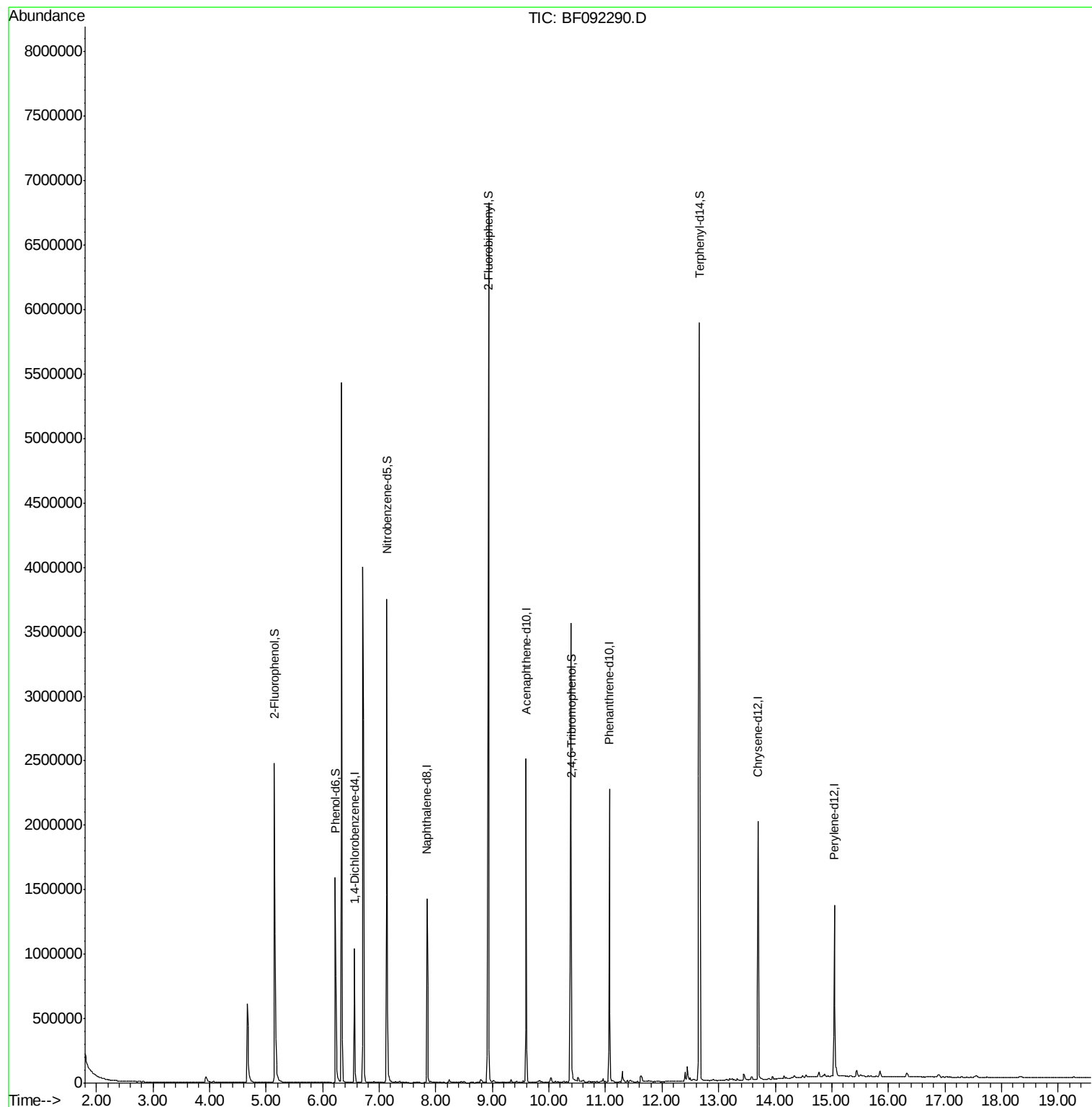
Target Compounds Qvalue

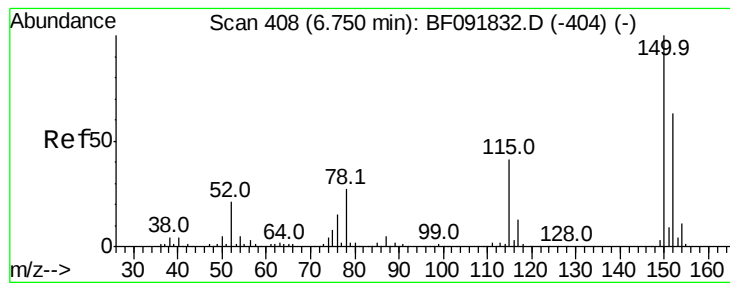
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092290.D

Acq: 16 Jan 2017 17:38

Instrument :

BNA_F

ClientSampleId :

W-35

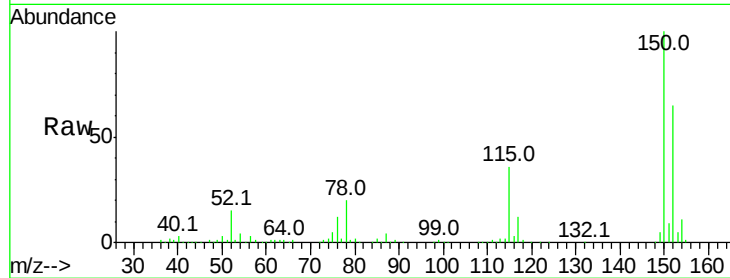
Tot Ion:152 Resp: 201309

Ion Ratio Lower Upper

152 100

150 153.6 124.9 187.3

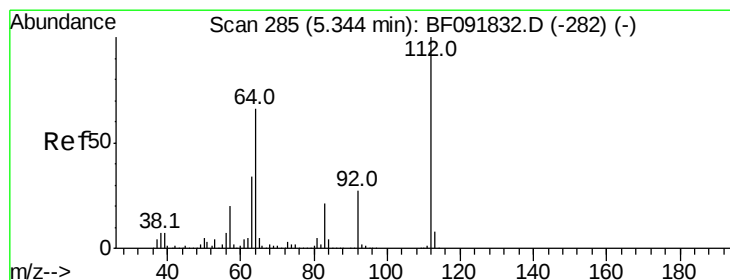
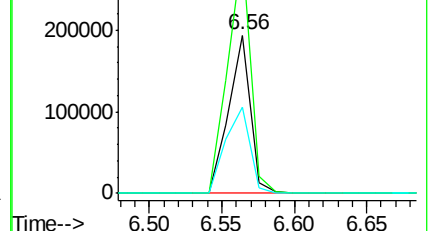
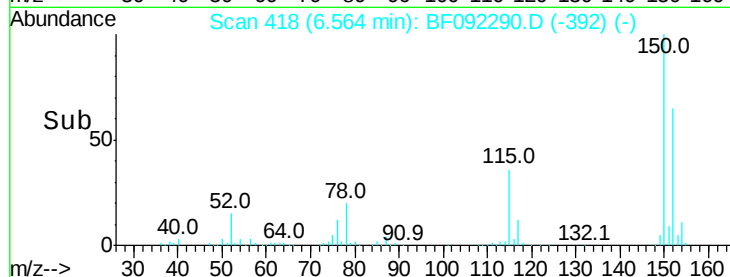
115 54.8 46.0 69.0



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: 74.85 ng

RT: 5.15 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF092290.D

Acq: 16 Jan 2017 17:38

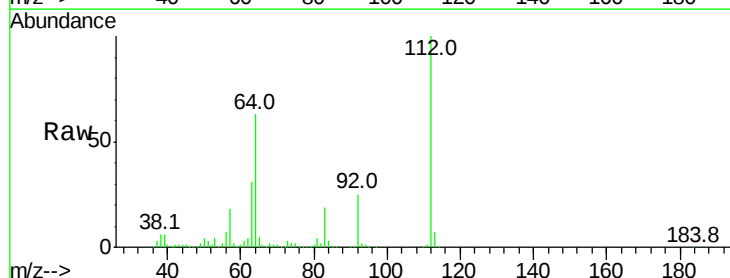
Tgt Ion:112 Resp: 902461

Ion Ratio Lower Upper

112 100

64 63.4 46.1 69.1

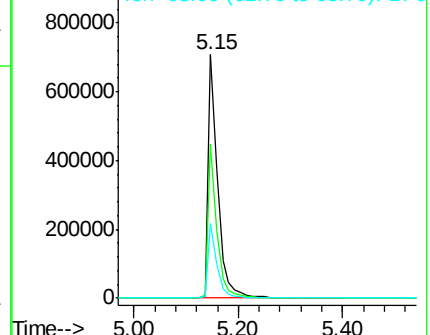
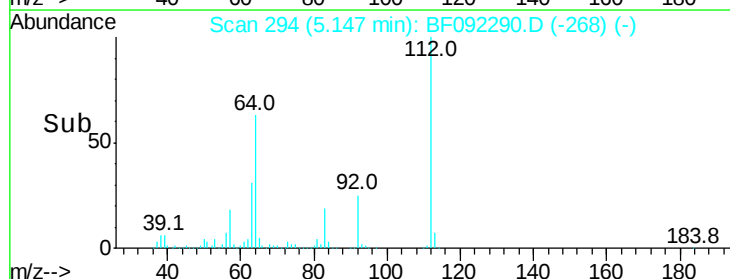
63 30.8 23.8 35.6

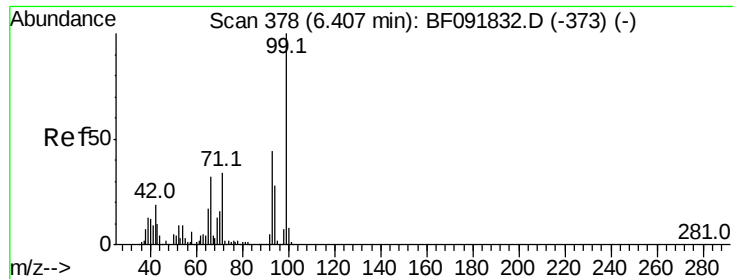


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 49.84 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092290.D

Acq: 16 Jan 2017 17:38

Instrument :

BNA_F

ClientSampleId :

W-35

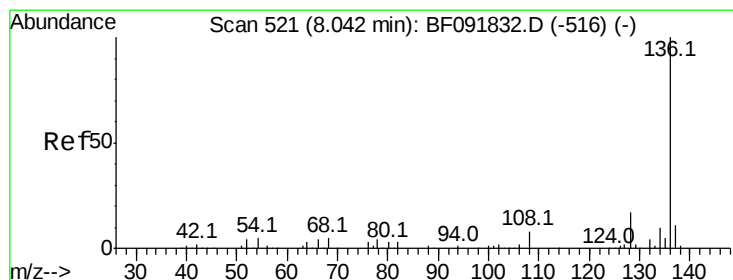
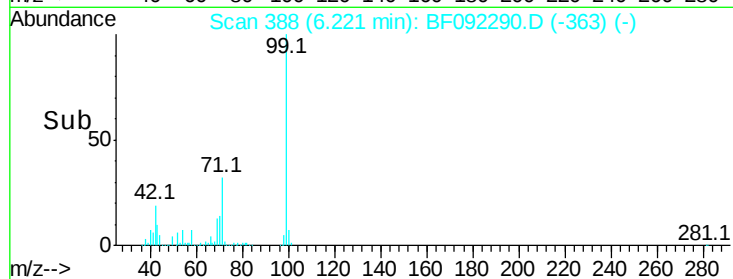
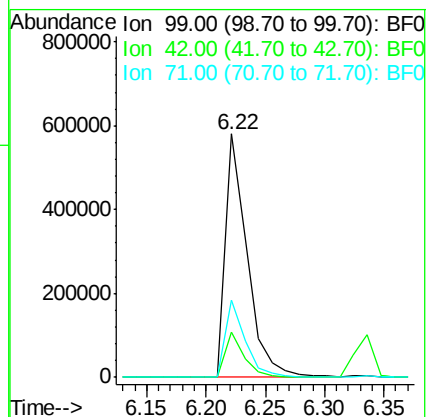
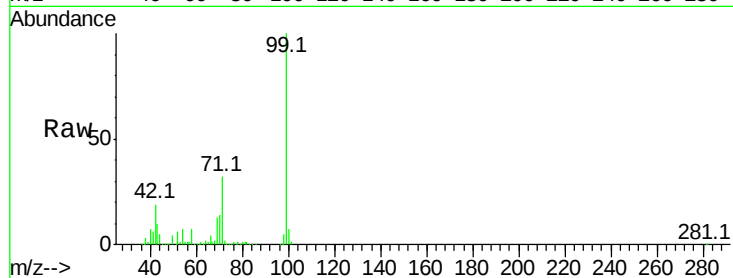
Tot Ion: 99 Resp: 733594

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

71 31.9 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092290.D

Acq: 16 Jan 2017 17:38

Tgt Ion: 136 Resp: 803202

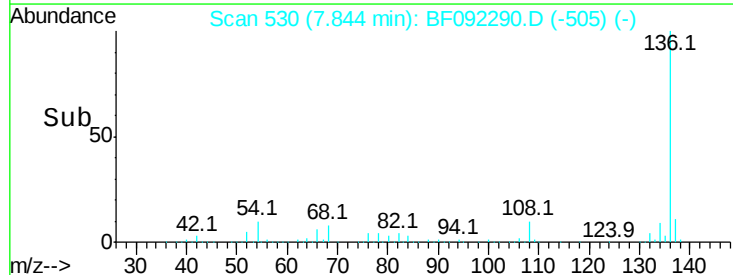
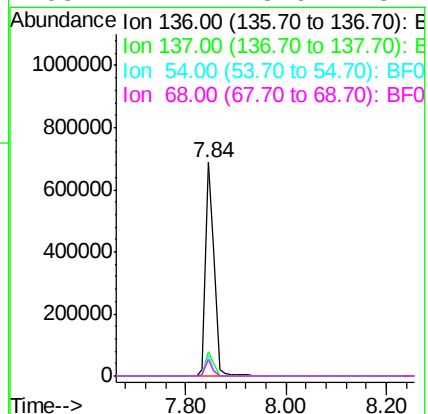
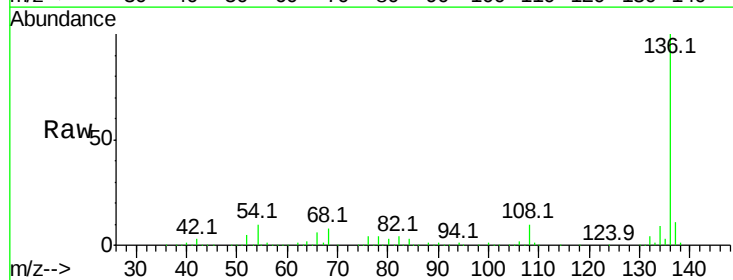
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 9.6 4.5 6.7#

68 7.7 3.6 5.4#

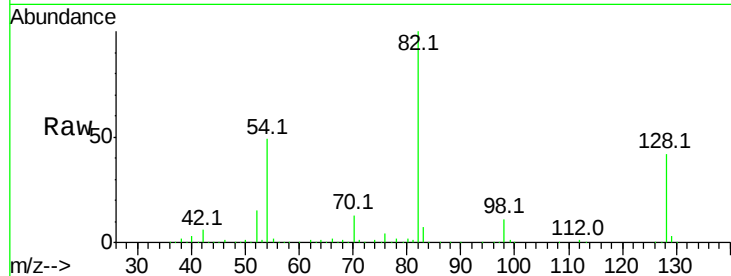




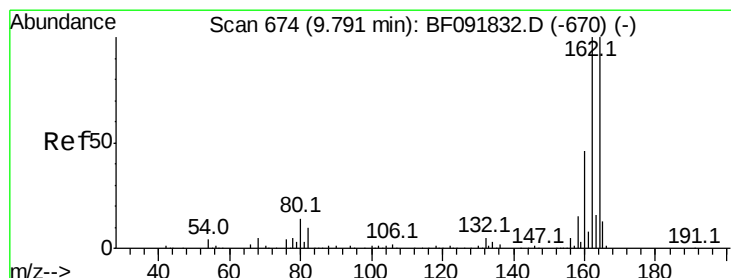
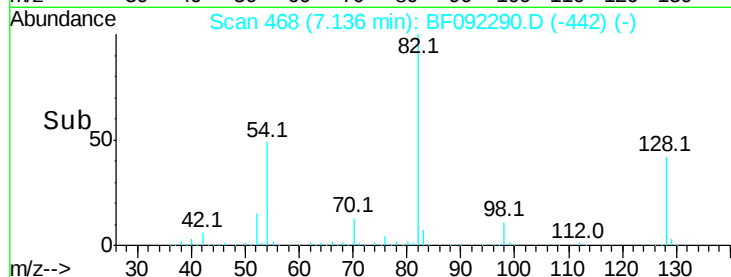
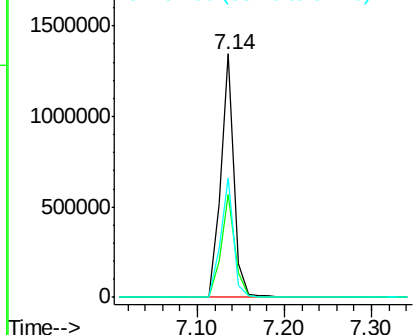
#23
Nitrobenzene-d5
Concen: 100.20 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF092290.D
Acq: 16 Jan 2017 17:38

Instrument :
BNA_F
ClientSampleId :
W-35

Tot Ion: 82 Resp: 1447399
Ion Ratio Lower Upper
82 100
128 42.1 34.6 52.0
54 49.0 39.5 59.3

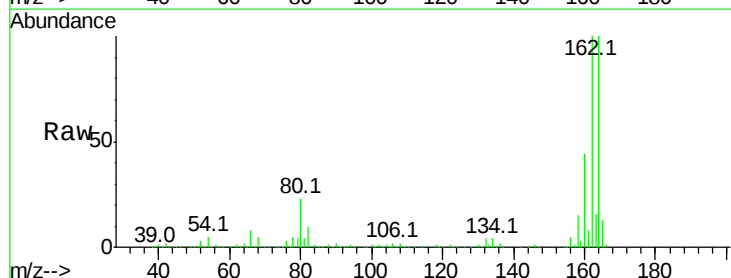


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

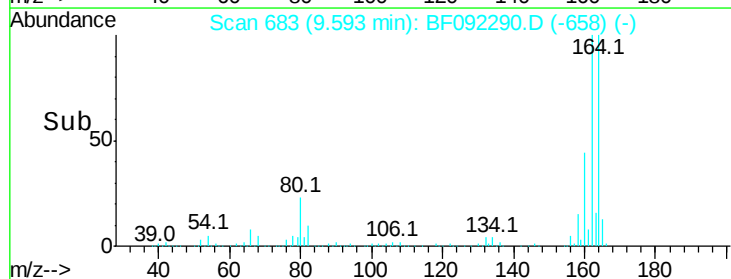
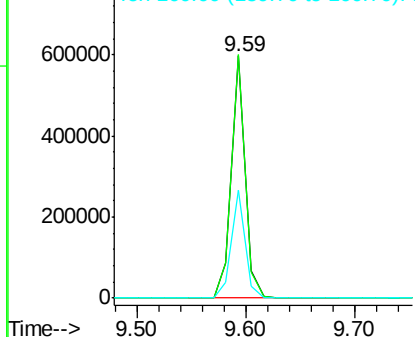


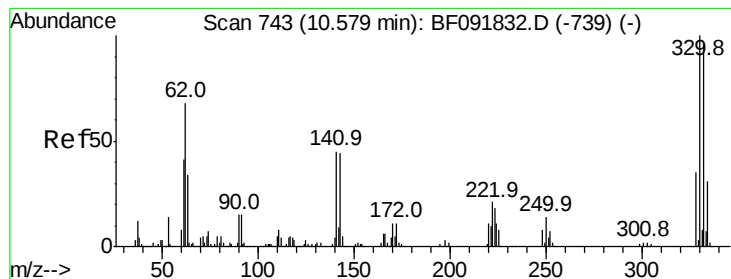
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF092290.D
Acq: 16 Jan 2017 17:38

Tgt Ion:164 Resp: 519205
Ion Ratio Lower Upper
164 100
162 100.5 80.2 120.2
160 44.6 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 148.15 ng

RT: 10.39 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF092290.D

Acq: 16 Jan 2017 17:38

Instrument :

BNA_F

ClientSampleId :

W-35

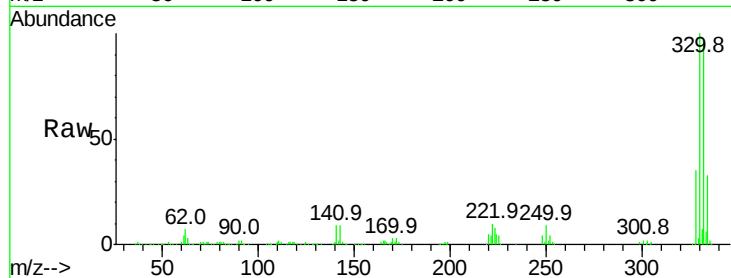
Tot Ion:330 Resp: 636572

Ion Ratio Lower Upper

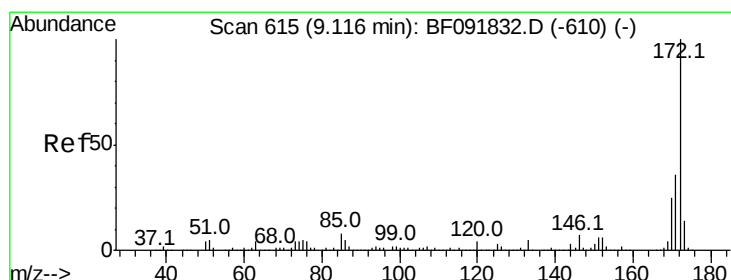
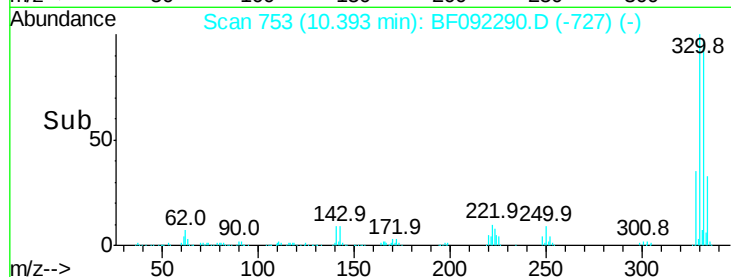
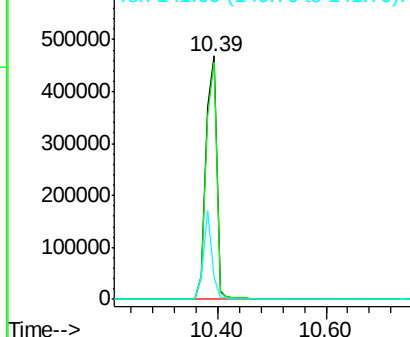
330 100

332 96.5 77.4 116.2

141 29.6 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: 92.23 ng

RT: 8.93 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF092290.D

Acq: 16 Jan 2017 17:38

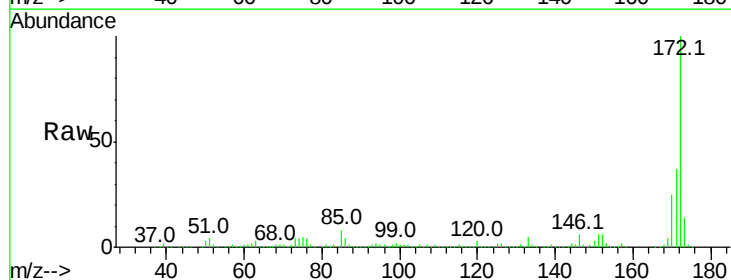
Tgt Ion:172 Resp: 2309334

Ion Ratio Lower Upper

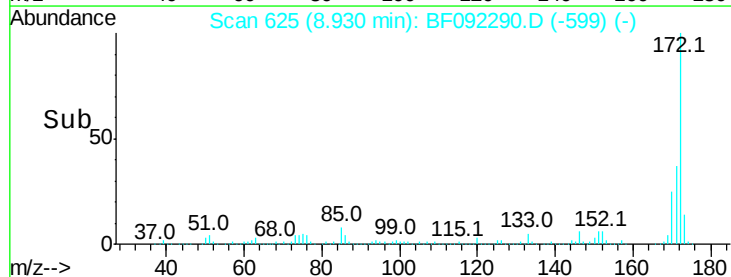
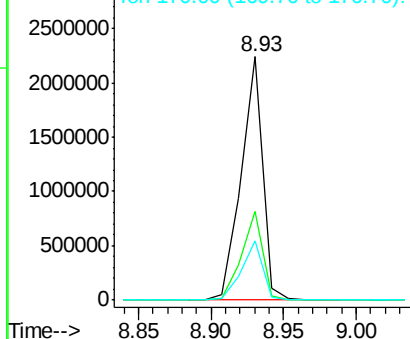
172 100

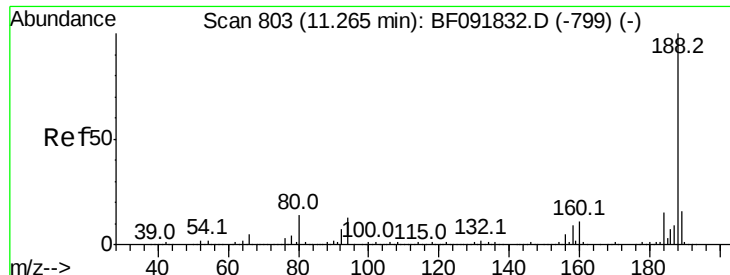
171 36.5 29.4 44.0

170 24.6 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

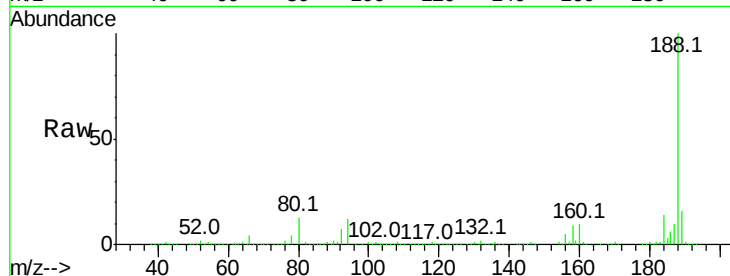




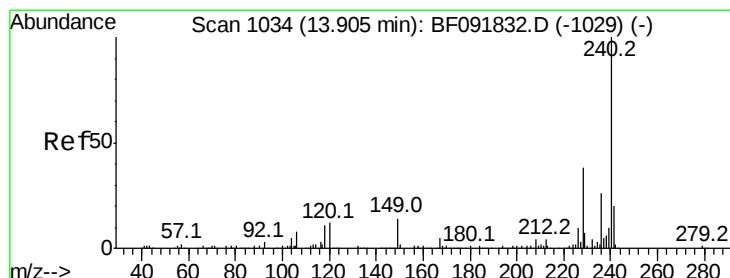
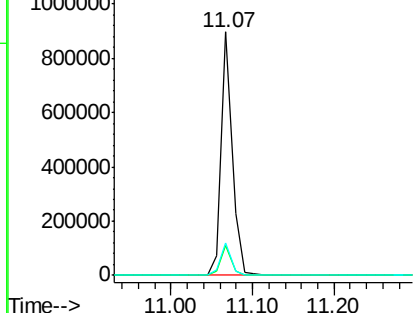
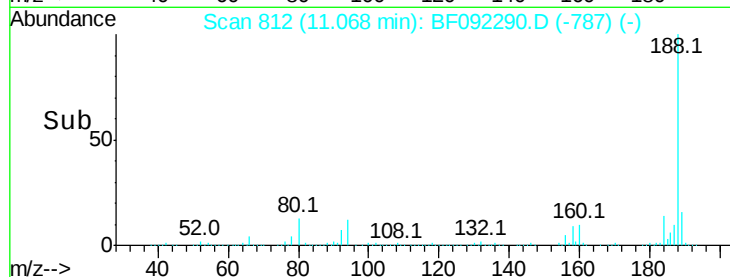
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF092290.D
Acq: 16 Jan 2017 17:38

Instrument :
BNA_F
ClientSampleId :
W-35

Tot Ion:188 Resp: 841579
Ion Ratio Lower Upper
188 100
94 12.1 10.0 15.0
80 13.4 11.2 16.8

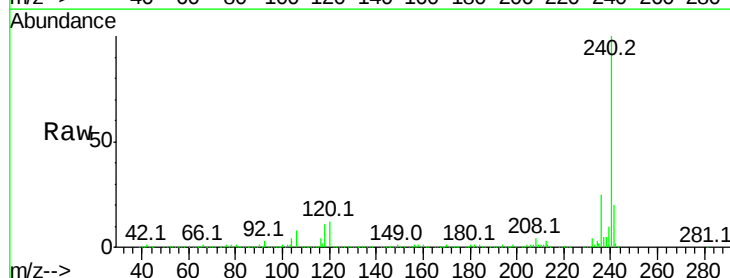


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

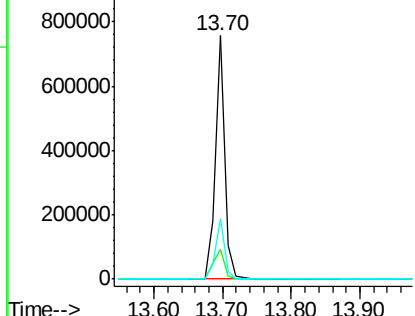
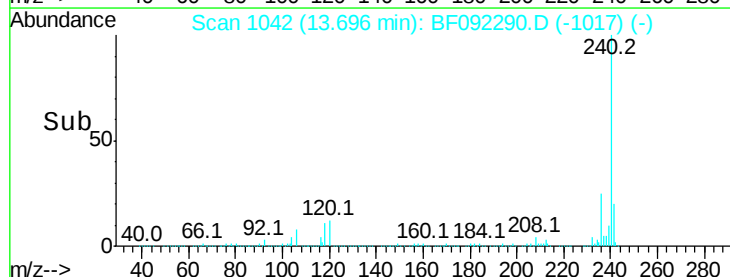


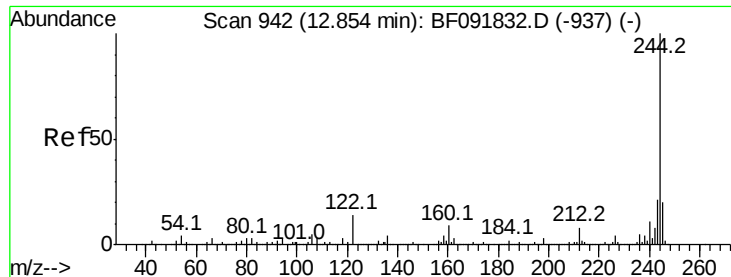
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF092290.D
Acq: 16 Jan 2017 17:38

Tgt Ion:240 Resp: 731203
Ion Ratio Lower Upper
240 100
120 12.3 12.9 19.3#
236 24.9 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: 80.70 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF092290.D

Acq: 16 Jan 2017 17:38

Instrument :

BNA_F

ClientSampled :

W-35

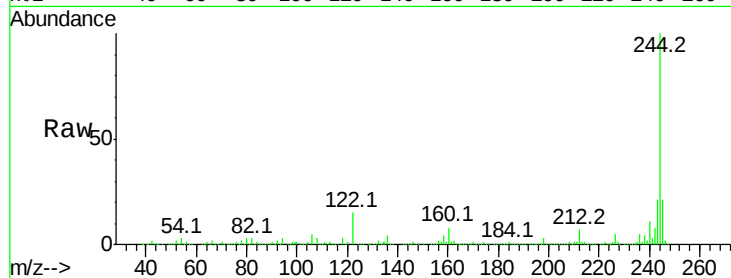
Tot Ion:244 Resp: 2433005

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

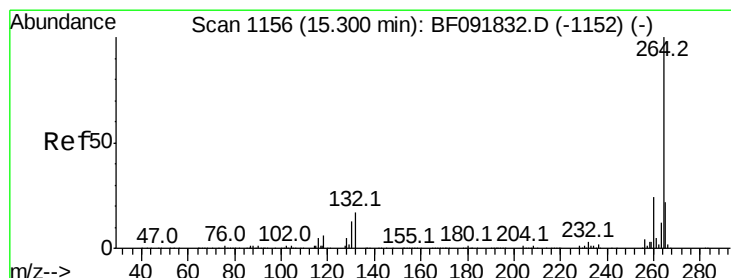
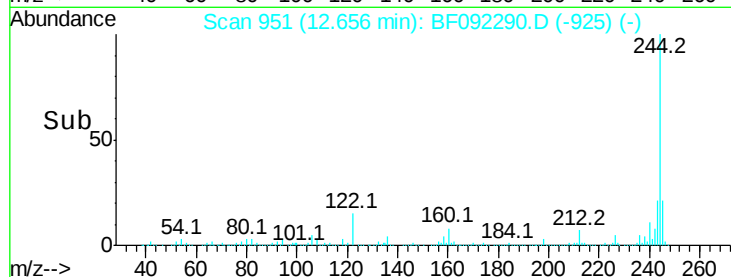
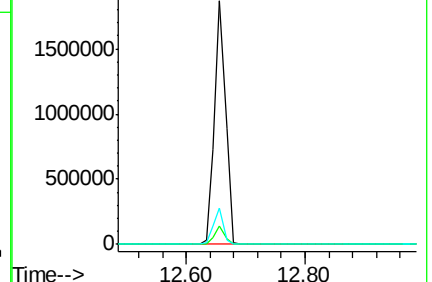
122 14.7 11.4 17.2



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: 15.05 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF092290.D

Acq: 16 Jan 2017 17:38

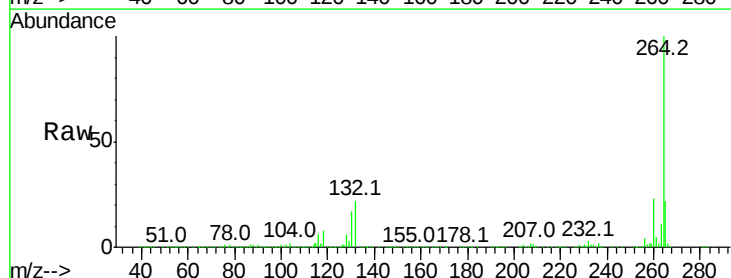
Tgt Ion:264 Resp: 566114

Ion Ratio Lower Upper

264 100

260 22.9 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

