

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091952.D
 Acq On : 24 Dec 2016 5:33
 Operator : UM/SJ
 Sample : H6205-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-21

Quant Time: Dec 24 06:10:33 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	221096	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	848129	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	425781	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	614765	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	425236	20.00	ng	-0.02
86) Perylene-d12	15.29	264	405157	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	923016	69.71	ng	0.02
7) Phenol-d6	6.42	99	689885	42.67	ng	0.01
23) Nitrobenzene-d5	7.31	82	1442647	94.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	412272	117.00	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2053712	101.30	ng	-0.01
78) Terphenyl-d14	12.84	244	1501455	85.63	ng	-0.01

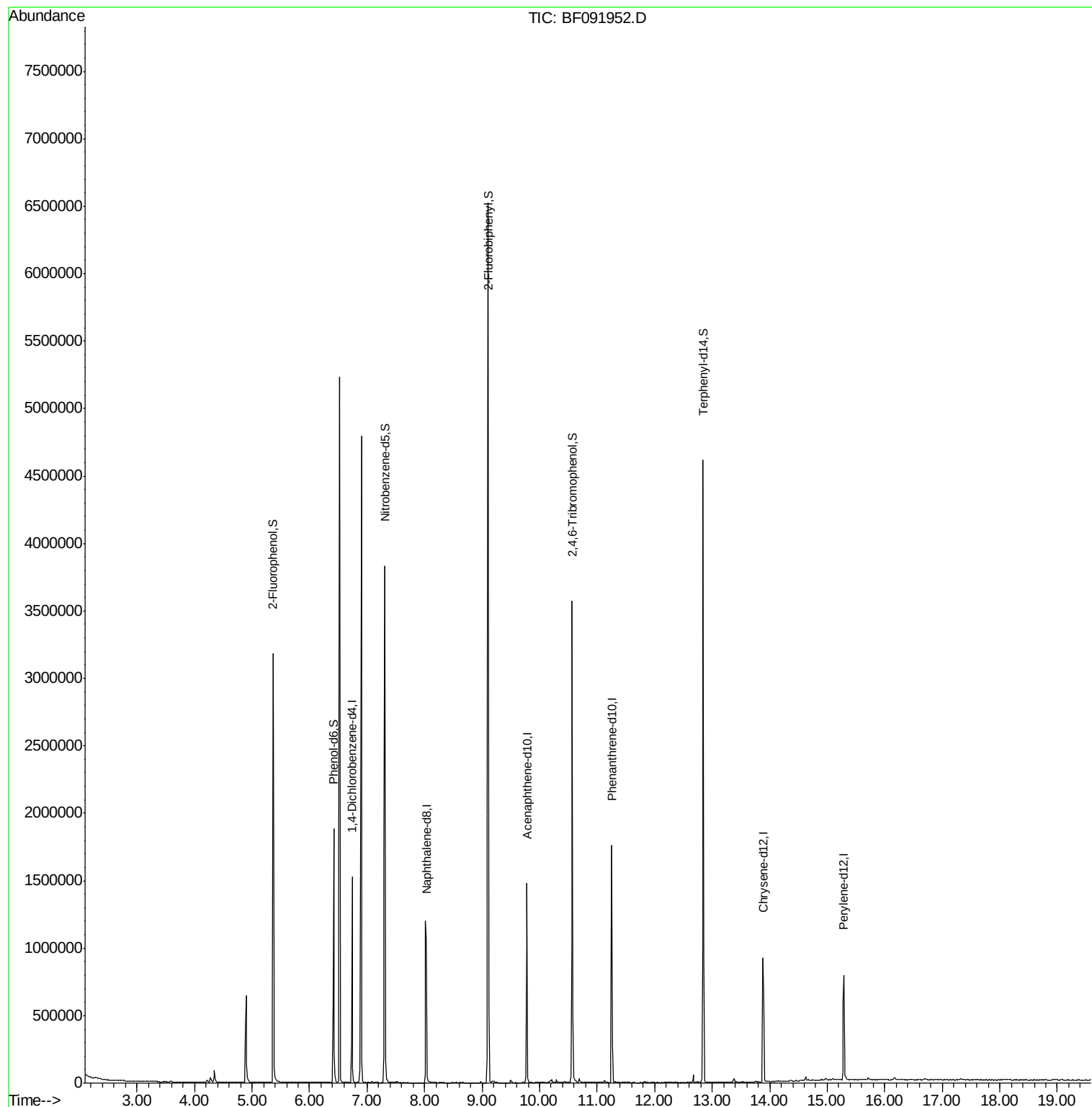
Target Compounds Qvalue

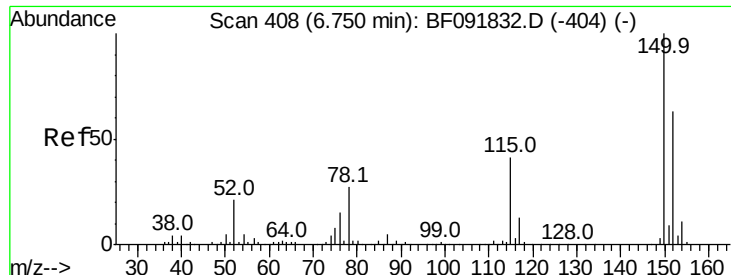
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091952.D

Acq: 24 Dec 2016 5:33

Instrument :

BNA_F

ClientSampled :

W-21

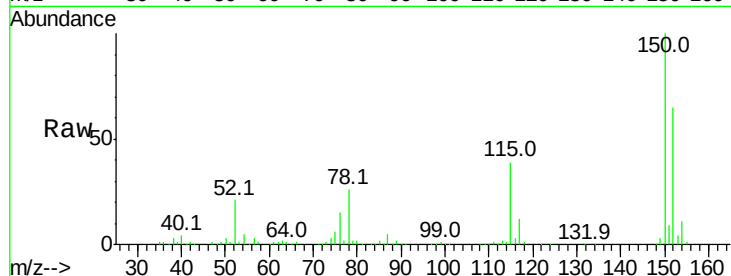
Tot Ion:152 Resp: 221096

Ion Ratio Lower Upper

152 100

150 154.5 124.9 187.3

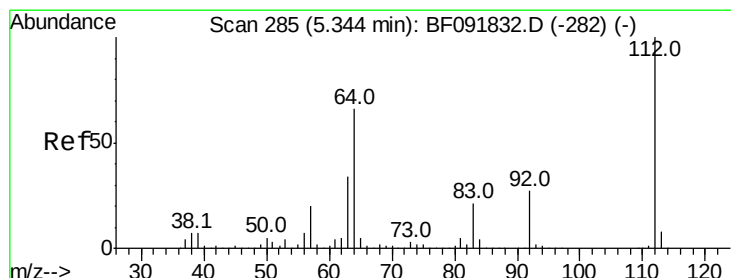
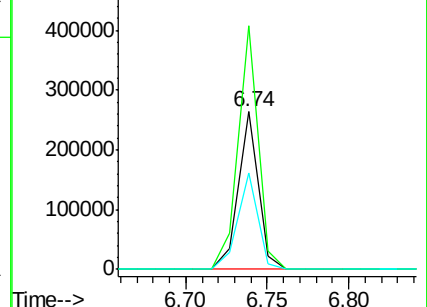
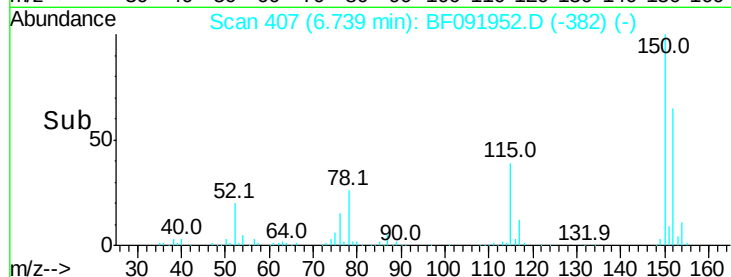
115 61.0 46.0 69.0



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: 69.71 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091952.D

Acq: 24 Dec 2016 5:33

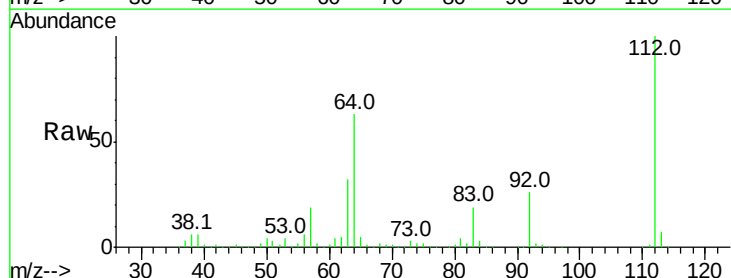
Tgt Ion:112 Resp: 923016

Ion Ratio Lower Upper

112 100

64 63.4 46.1 69.1

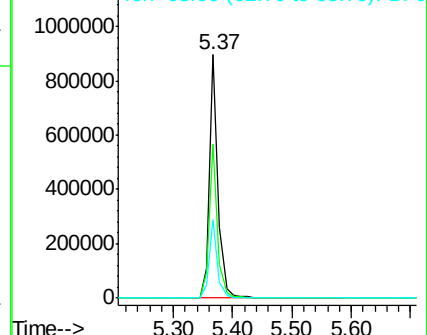
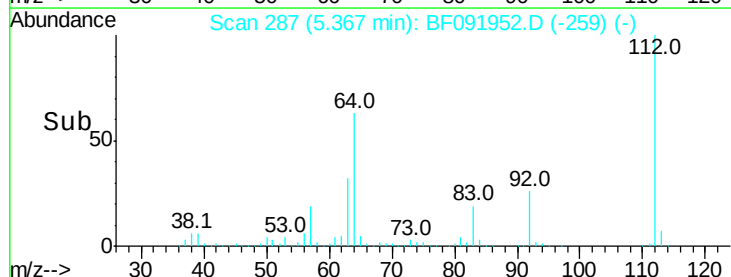
63 32.3 23.8 35.6

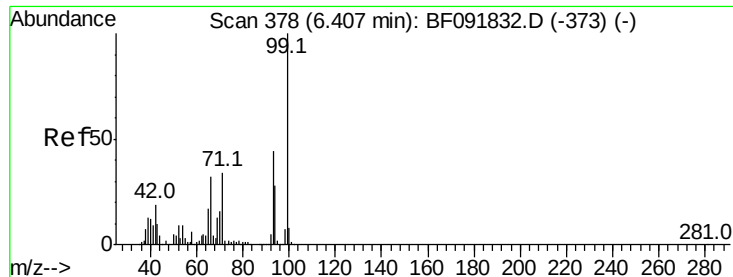


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.67 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF091952.D

Acq: 24 Dec 2016 5:33

Instrument :

BNA_F

ClientSampleId :

W-21

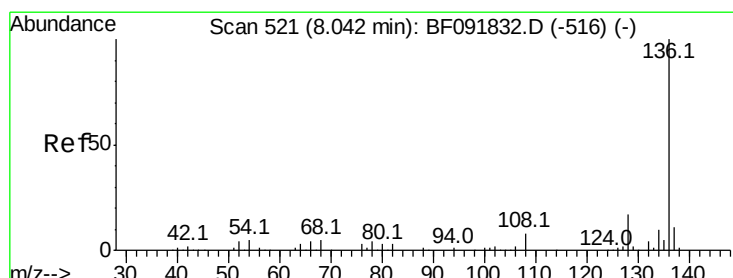
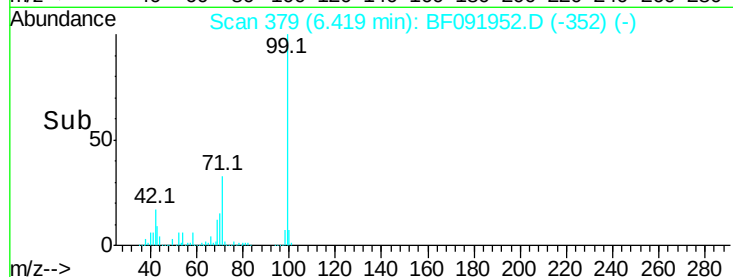
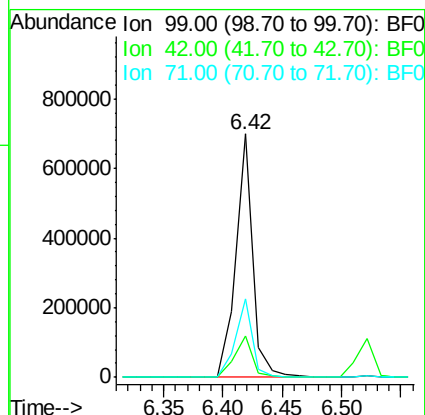
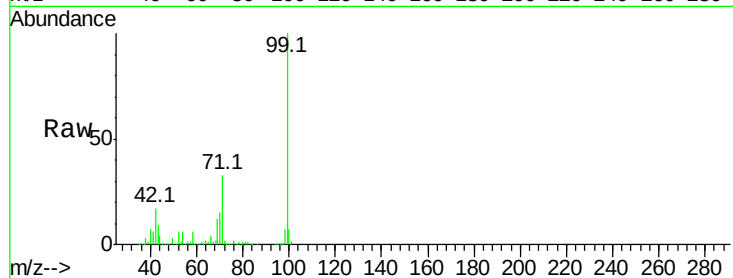
Tot Ion: 99 Resp: 689885

Ion Ratio Lower Upper

99 100

42 16.9 15.6 23.4

71 32.5 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: BF091952.D

Acq: 24 Dec 2016 5:33

Tgt Ion: 136 Resp: 848129

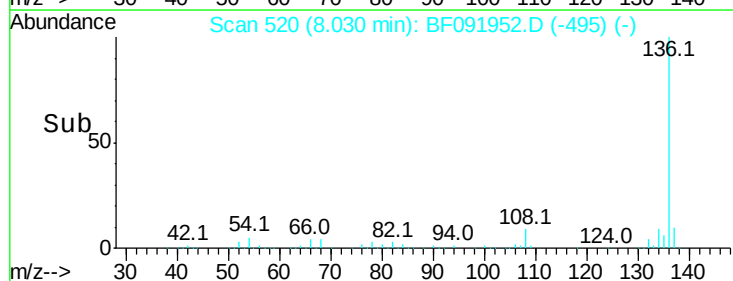
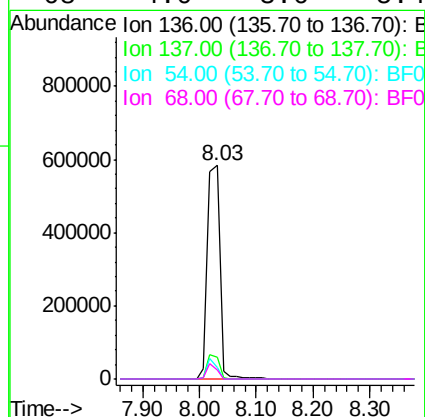
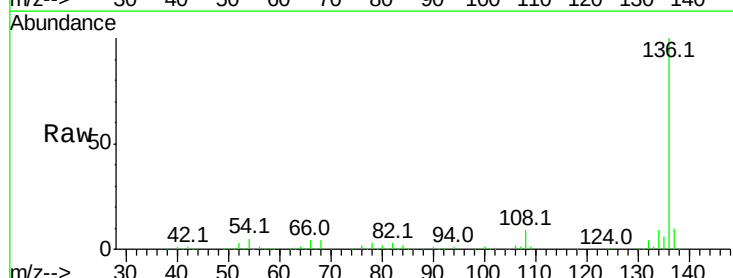
Ion Ratio Lower Upper

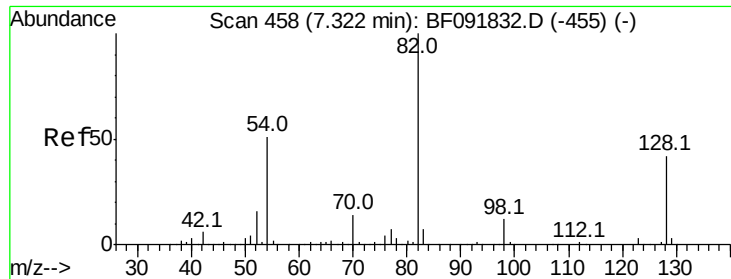
136 100

137 10.5 8.4 12.6

54 5.1 4.5 6.7

68 4.0 3.6 5.4



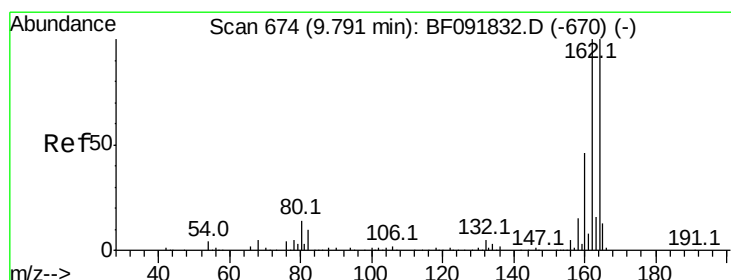
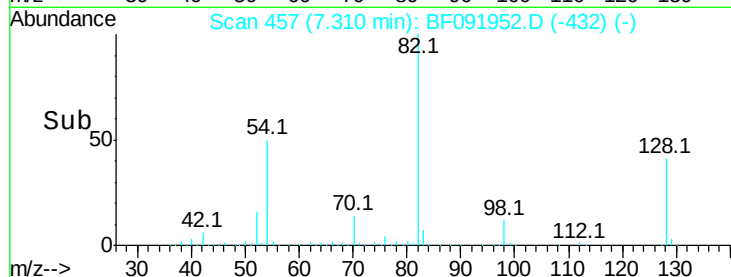
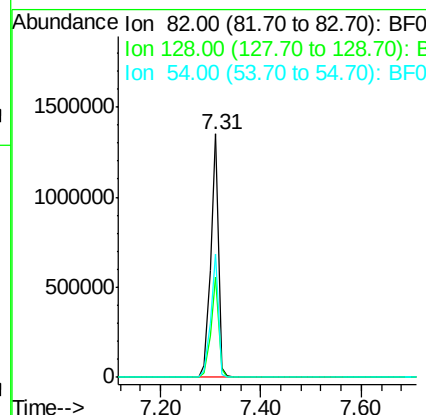
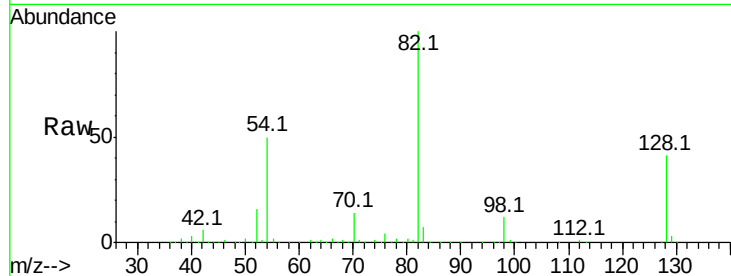


#23
 Nitrobenzene-d5
 Concen: 94.58 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF091952.D
 Acq: 24 Dec 2016 5:33

Instrument :
 BNA_F
 ClientSampleId :
 W-21

Tot Ion: 82 Resp: 1442647

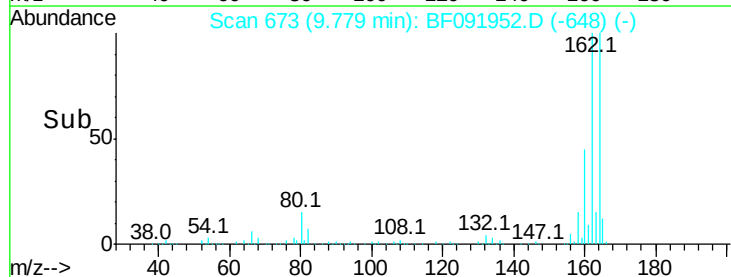
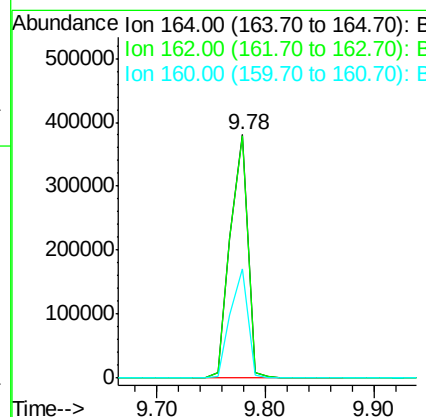
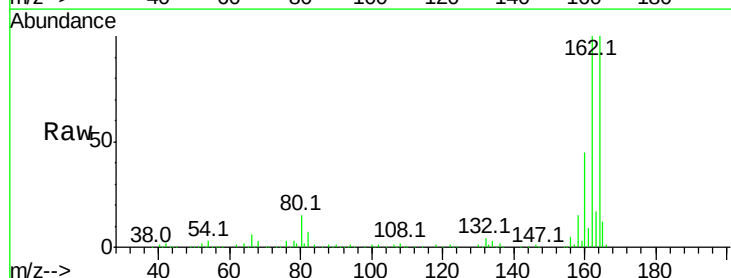
Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.6	52.0
54	50.5	39.5	59.3

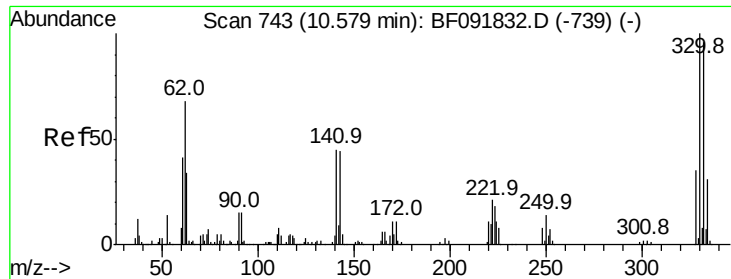


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF091952.D
 Acq: 24 Dec 2016 5:33

Tgt Ion:164 Resp: 425781

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.2	120.2
160	45.0	36.9	55.3

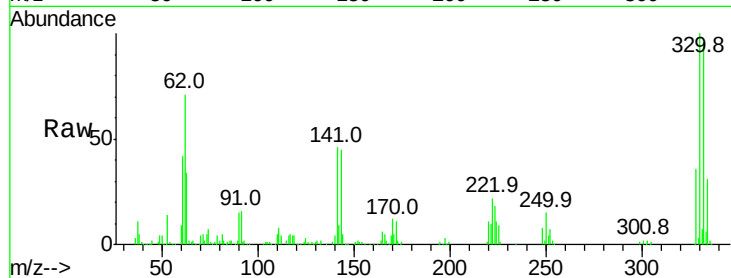




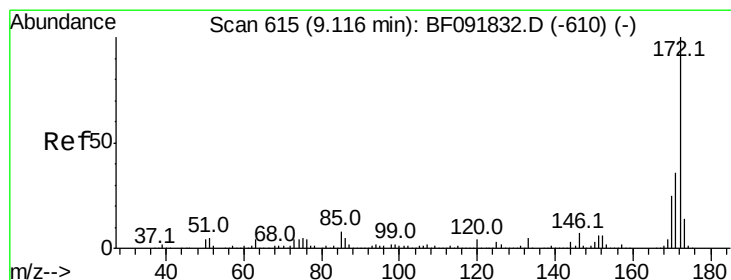
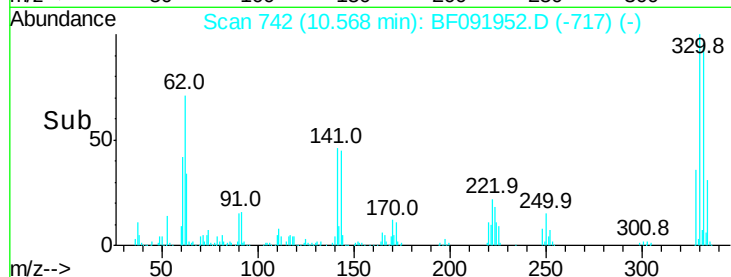
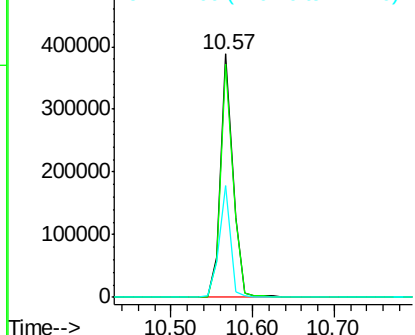
#41
 2,4,6-Tribromophenol
 Concen: 117.00 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091952.D
 Acq: 24 Dec 2016 5:33

Instrument :
 BNA_F
 ClientSampled :
 W-21

Tot Ion:330 Resp: 412272
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 41.6 34.1 51.1

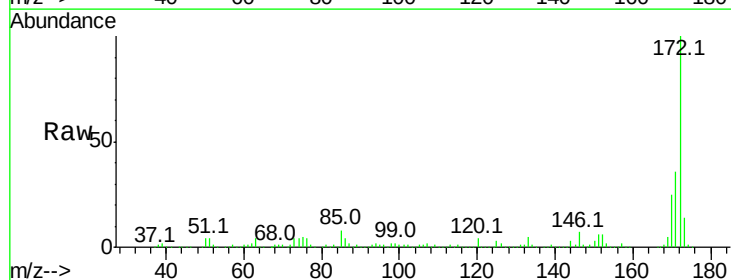


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

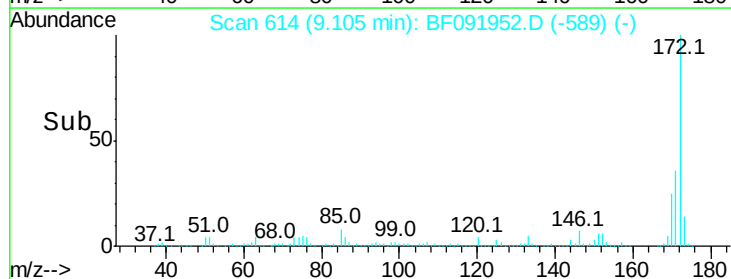
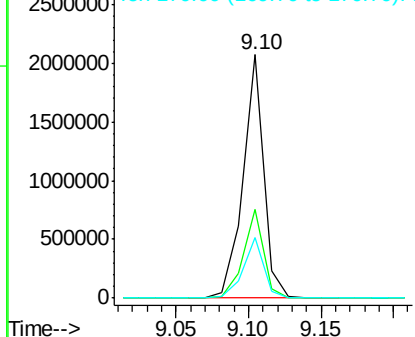


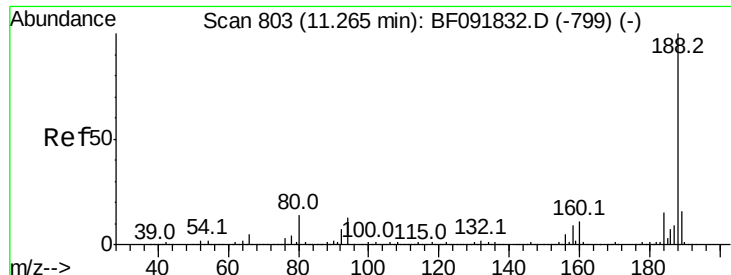
#44
 2-Fluorobiphenyl
 Concen: 101.30 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091952.D
 Acq: 24 Dec 2016 5:33

Tgt Ion:172 Resp: 2053712
 Ion Ratio Lower Upper
 172 100
 171 36.4 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

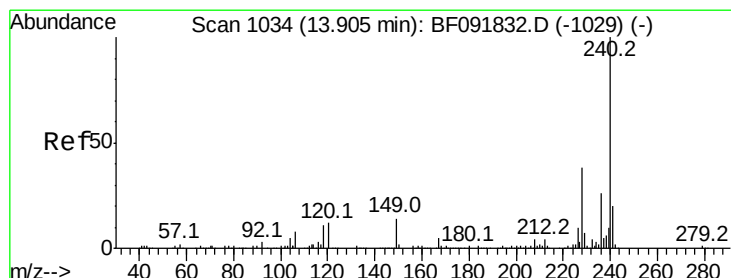
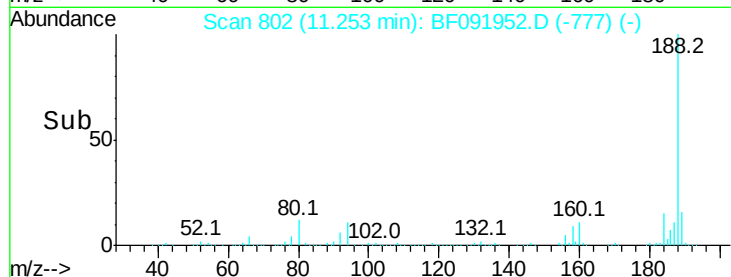
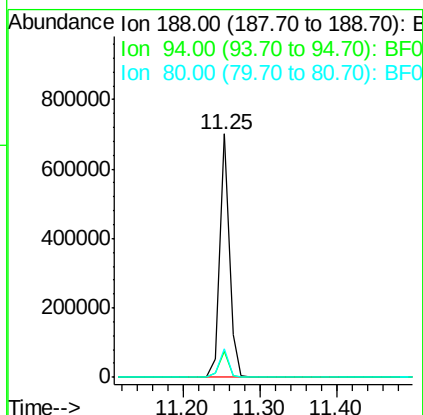
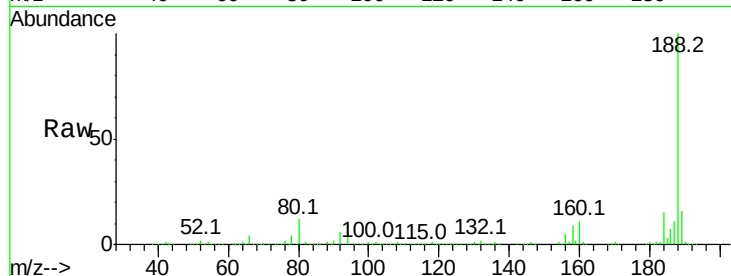




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091952.D
Acq: 24 Dec 2016 5:33

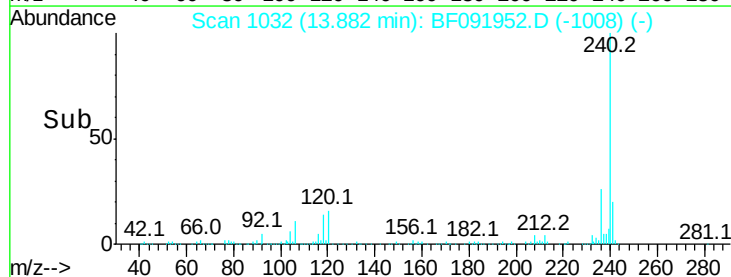
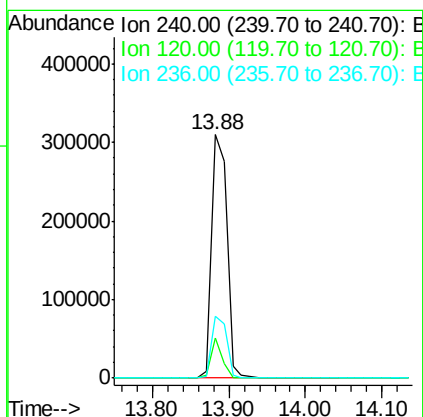
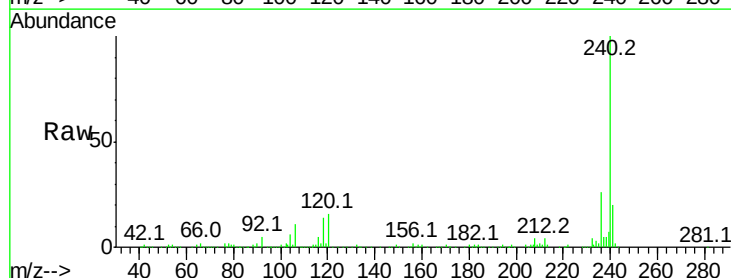
Instrument :
BNA_F
ClientSampleId :
W-21

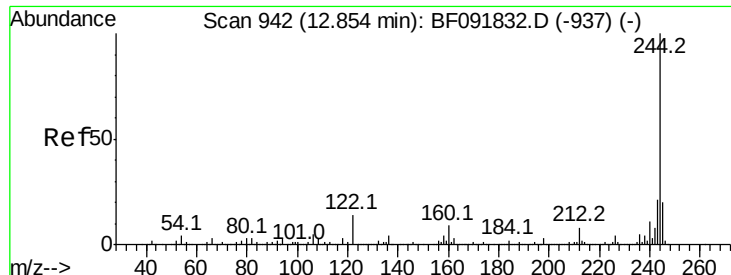
Tot Ion:188 Resp: 614765
Ion Ratio Lower Upper
188 100
94 10.6 10.0 15.0
80 11.5 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF091952.D
Acq: 24 Dec 2016 5:33

Tgt Ion:240 Resp: 425236
Ion Ratio Lower Upper
240 100
120 16.5 12.9 19.3
236 25.6 20.9 31.3





#78

Terphenyl-d14

Concen: 85.63 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091952.D

Acq: 24 Dec 2016 5:33

Instrument :

BNA_F

ClientSampleId :

W-21

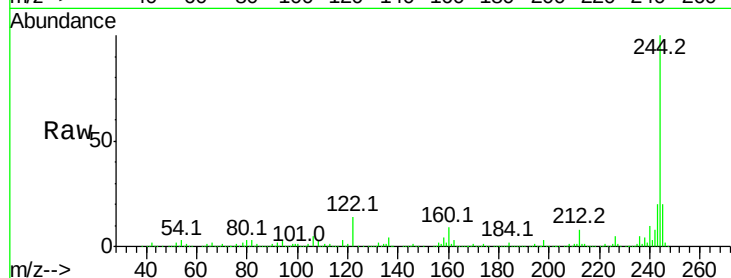
Tot Ion:244 Resp: 1501455

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

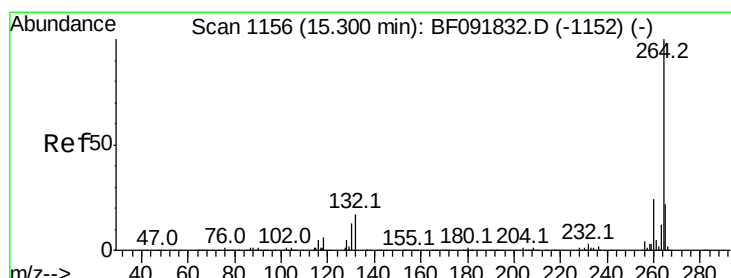
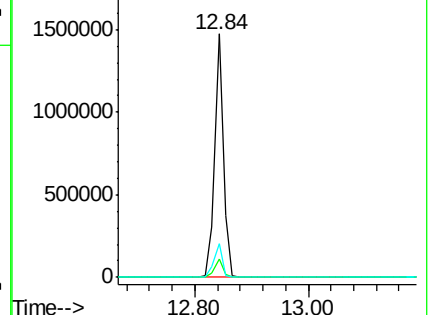
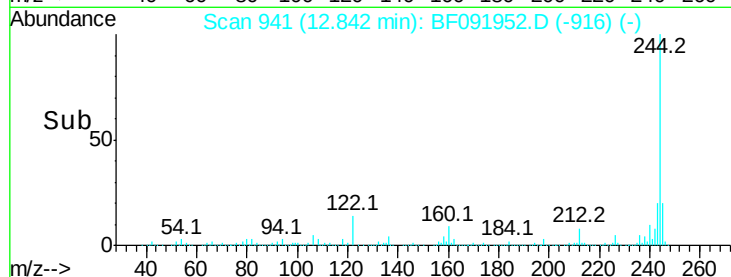
122 13.7 11.4 17.2



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: BF091952.D

Acq: 24 Dec 2016 5:33

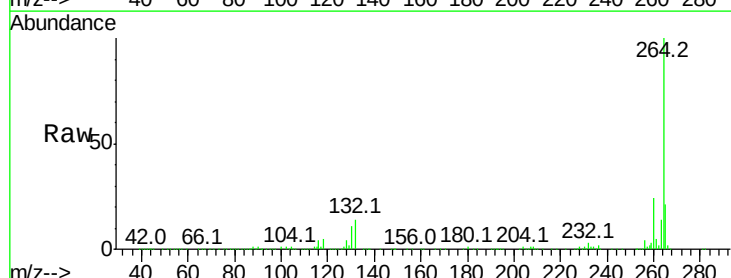
Tgt Ion:264 Resp: 405157

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.1 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

