

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091415.D
 Acq On : 3 Dec 2016 3:15
 Operator : UM/SJ
 Sample : H5825-05 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S12016SF-W-1

Quant Time: Dec 03 03:55:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	149802	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	561477	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	299121	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	445015	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	358175	20.00	ng	-0.03
86) Perylene-d12	15.44	264	288186	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	118848	12.96	ng	-0.02
7) Phenol-d6	6.48	99	95928	8.50	ng	-0.02
23) Nitrobenzene-d5	7.42	82	197576	19.72	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	76214	26.91	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	398316	24.11	ng	-0.02
78) Terphenyl-d14	12.96	244	265305	16.10	ng	-0.03

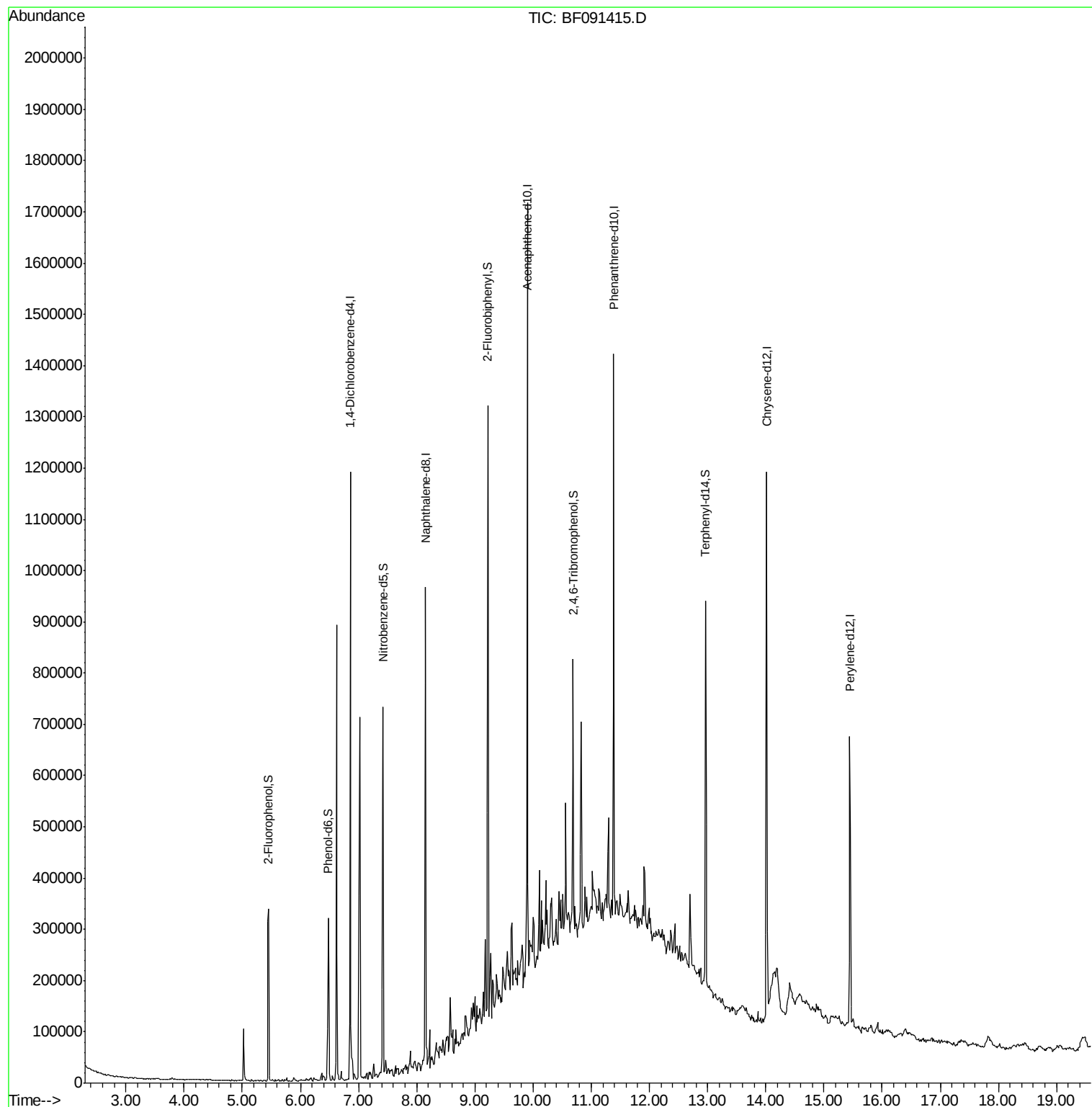
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091415.D

Acq: 3 Dec 2016 3:15

Instrument :

BNA_F

ClientSampleId :

S12016SF-W-1

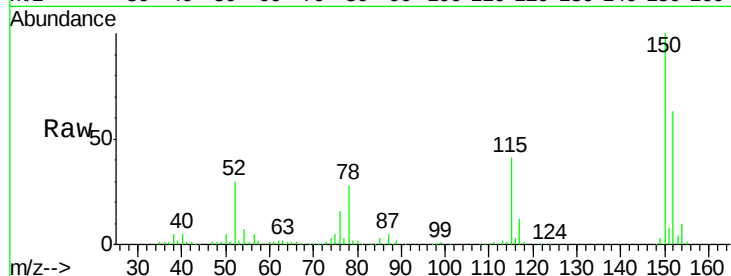
Tgt Ion:152 Resp: 149802

Ion Ratio Lower Upper

152 100

150 157.7 122.5 183.7

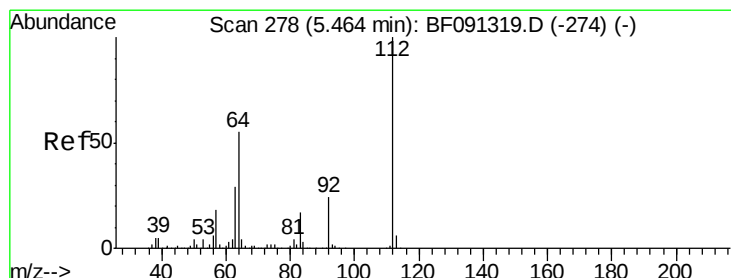
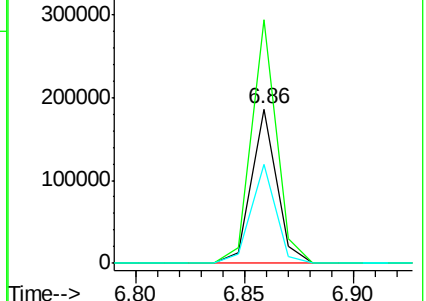
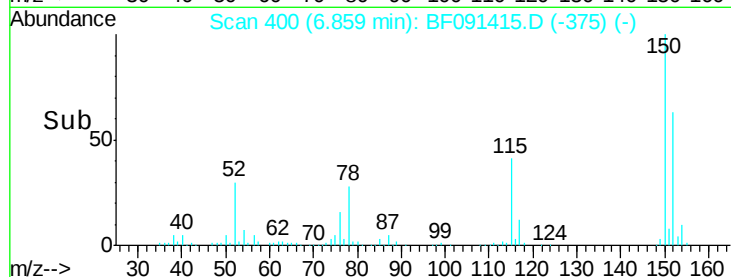
115 63.9 51.8 77.8



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: 12.96 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091415.D

Acq: 3 Dec 2016 3:15

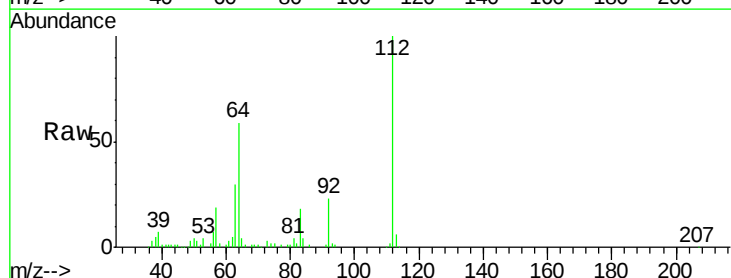
Tgt Ion:112 Resp: 118848

Ion Ratio Lower Upper

112 100

64 58.5 61.5 92.3#

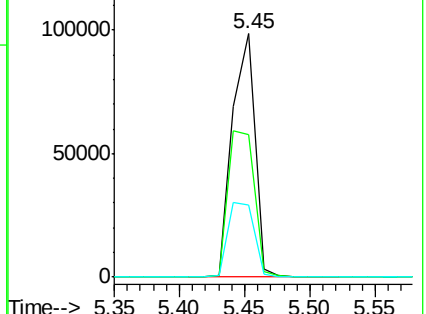
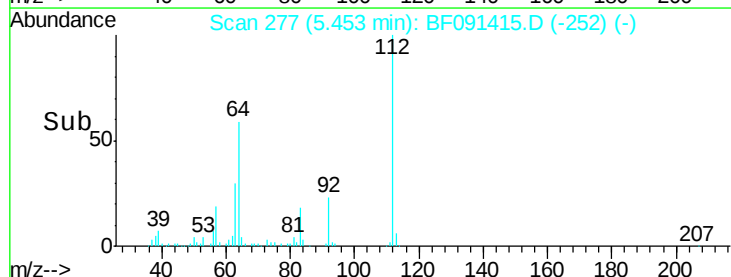
63 29.8 33.3 49.9#

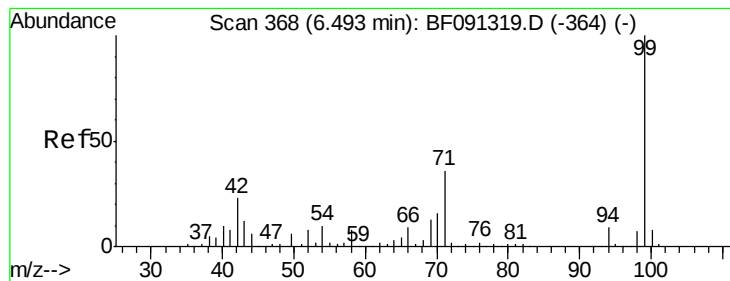


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 8.50 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091415.D

Acq: 3 Dec 2016 3:15

Instrument :

BNA_F

ClientSampleId :

S12016SF-W-1

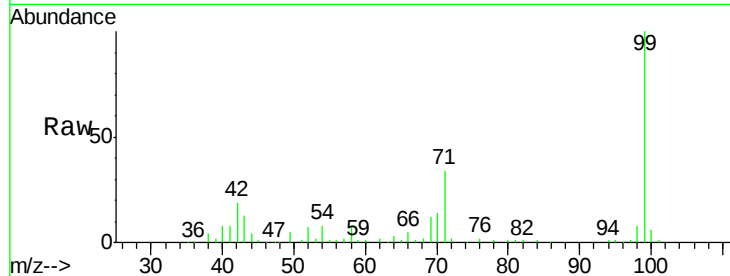
Tgt Ion: 99 Resp: 95928

Ion Ratio Lower Upper

99 100

42 19.0 20.6 31.0#

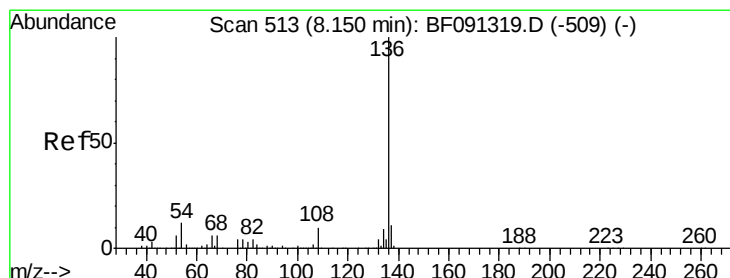
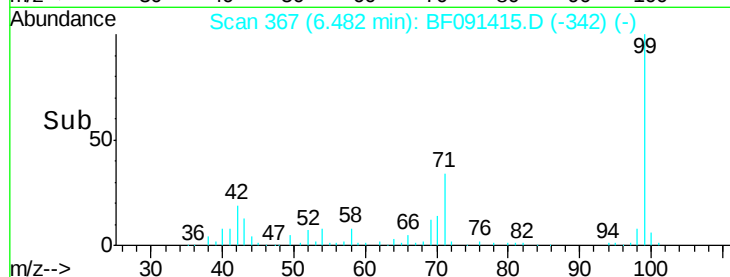
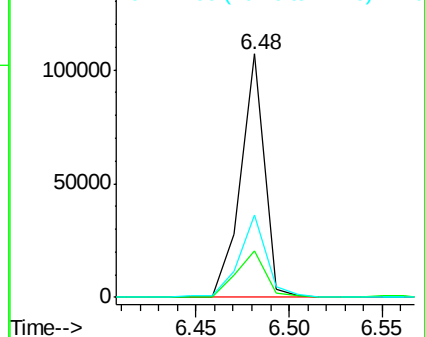
71 34.0 29.9 44.9



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: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091415.D

Acq: 3 Dec 2016 3:15

Tgt Ion: 136 Resp: 561477

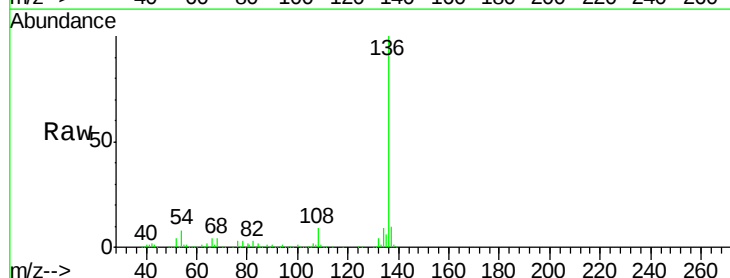
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 7.9 9.1 13.7#

68 4.0 5.9 8.9#

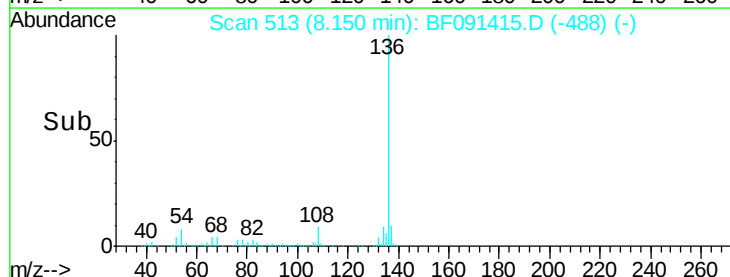
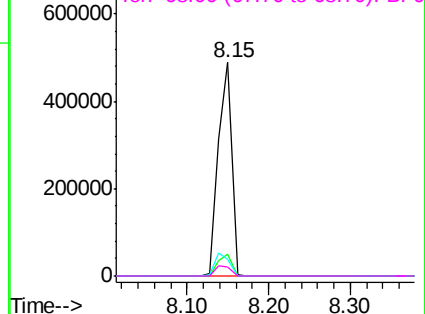


Abundance Ion 136.00 (135.70 to 136.70): E

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

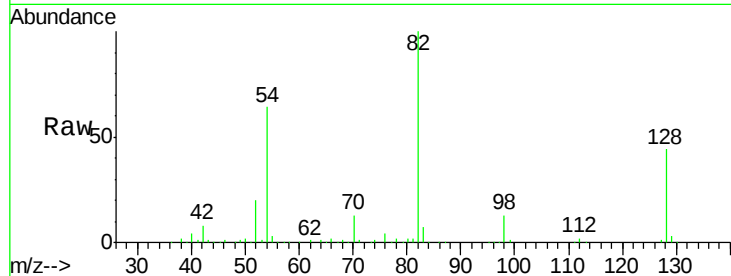




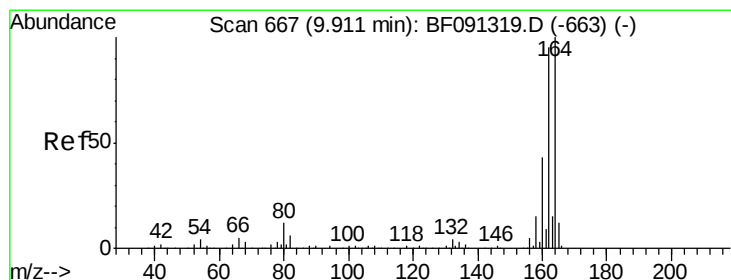
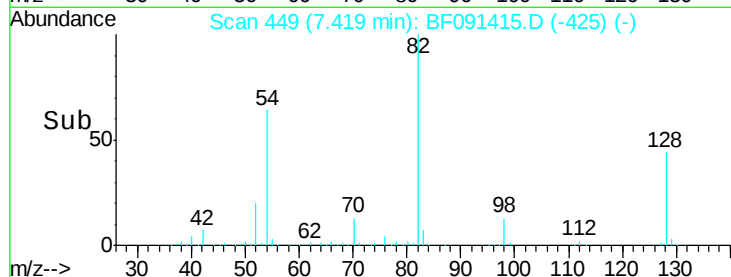
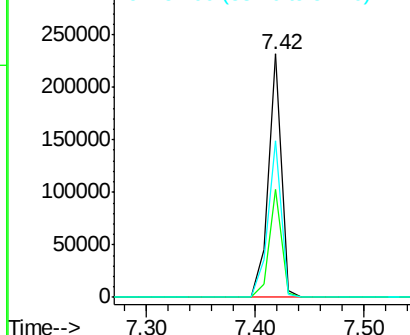
#23
Nitrobenzene-d5
Concen: 19.72 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091415.D
Acq: 3 Dec 2016 3:15

Instrument :
BNA_F
ClientSampleId :
S12016SF-W-1

Tgt Ion: 82 Resp: 197576
Ion Ratio Lower Upper
82 100
128 44.5 31.8 47.6
54 64.3 49.1 73.7

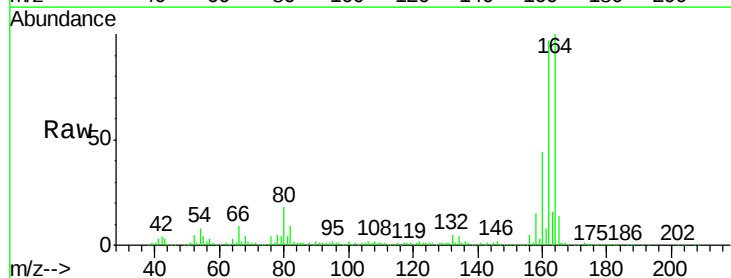


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

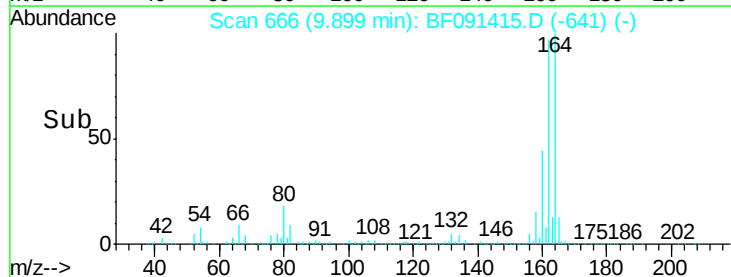
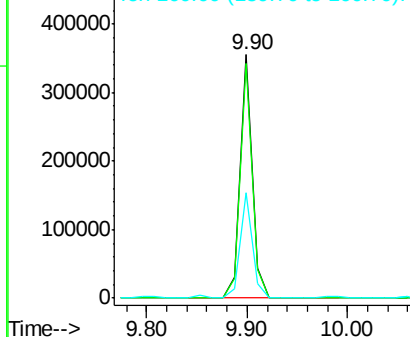


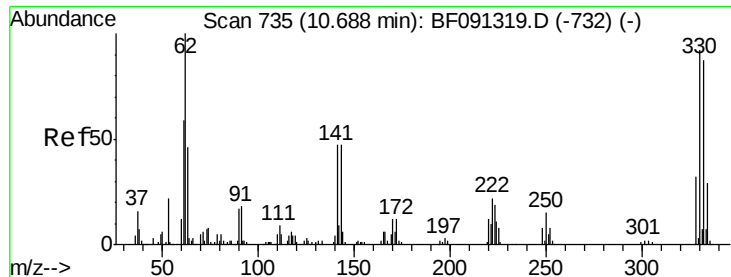
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091415.D
Acq: 3 Dec 2016 3:15

Tgt Ion: 164 Resp: 299121
Ion Ratio Lower Upper
164 100
162 96.5 82.6 124.0
160 43.5 36.7 55.1



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

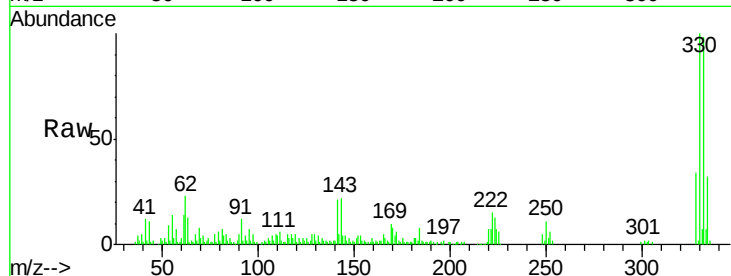




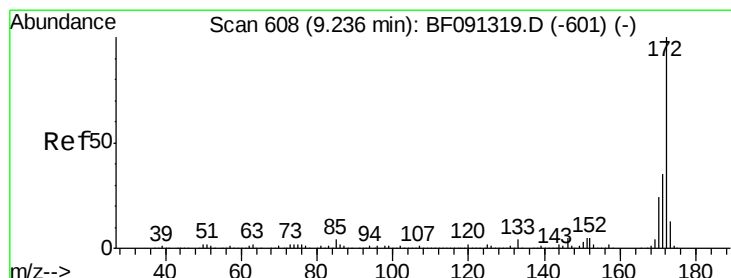
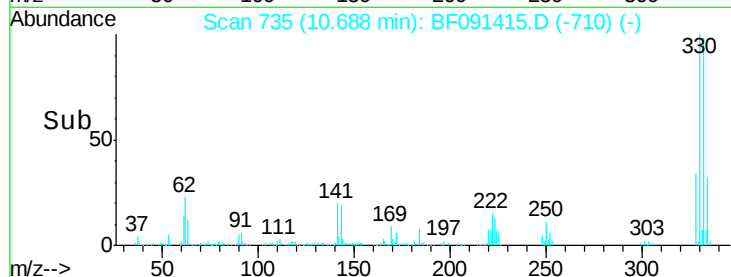
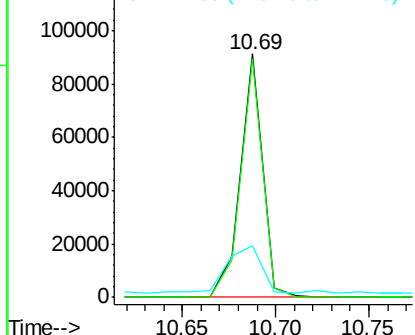
#41
 2,4,6-Tribromophenol
 Concen: 26.91 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091415.D
 Acq: 3 Dec 2016 3:15

Instrument :
 BNA_F
 ClientSampleId :
 S12016SF-W-1

Tgt Ion:330 Resp: 76214
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.2 114.4
 141 31.9 33.6 50.4#

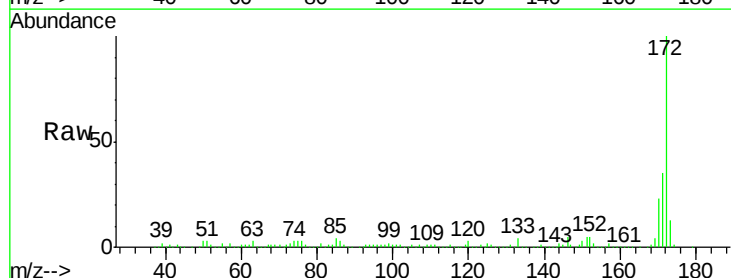


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

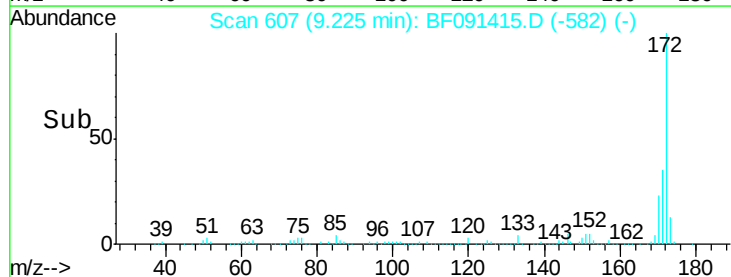
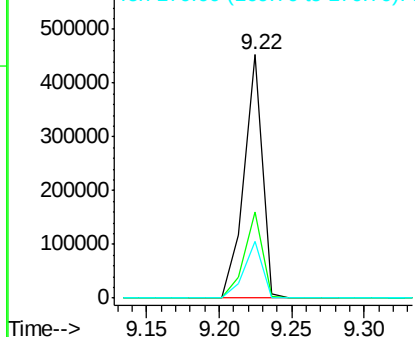


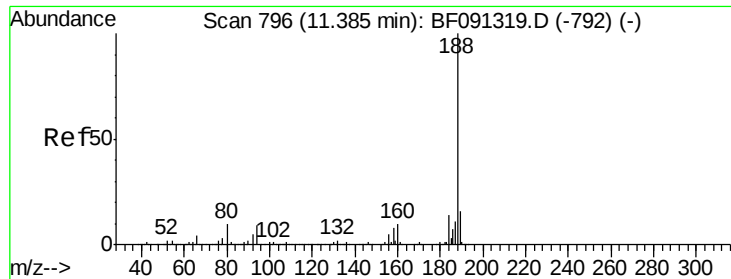
#44
 2-Fluorobiphenyl
 Concen: 24.11 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091415.D
 Acq: 3 Dec 2016 3:15

Tgt Ion:172 Resp: 398316
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.4 44.0
 170 23.3 19.7 29.5



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

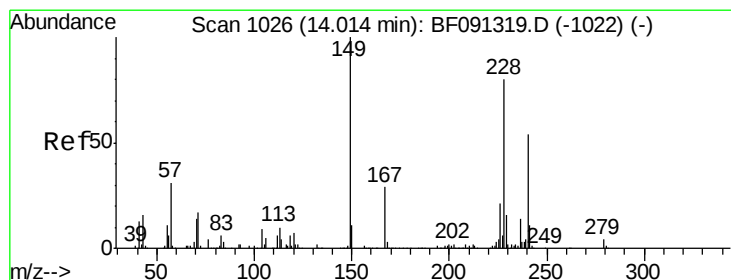
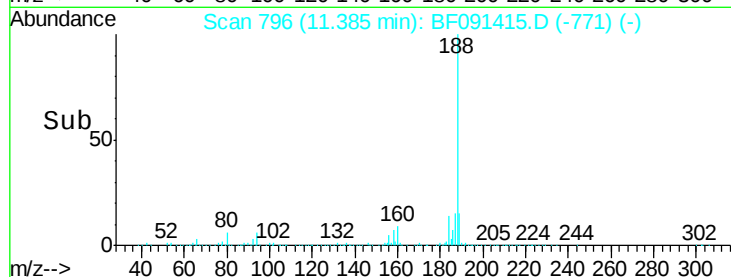
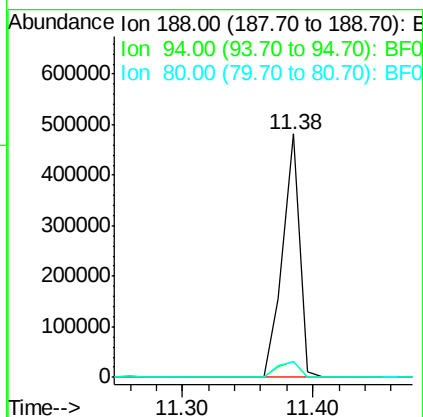
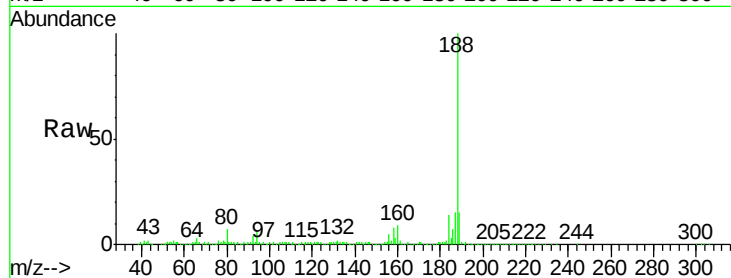




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091415.D
Acq: 3 Dec 2016 3:15

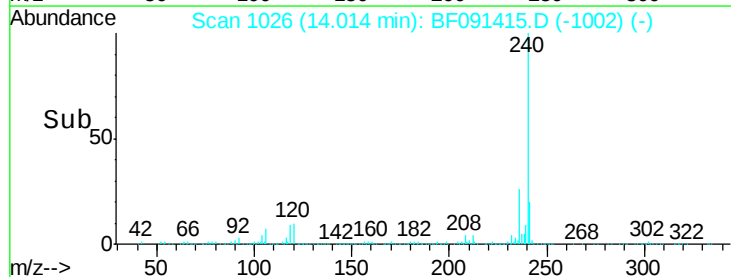
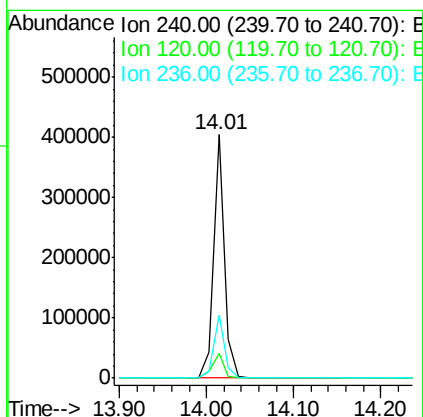
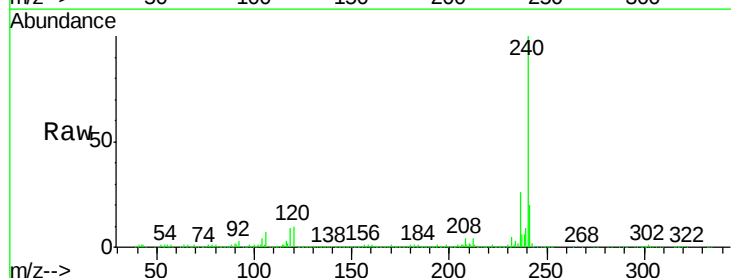
Instrument :
BNA_F
ClientSampleId :
S12016SF-W-1

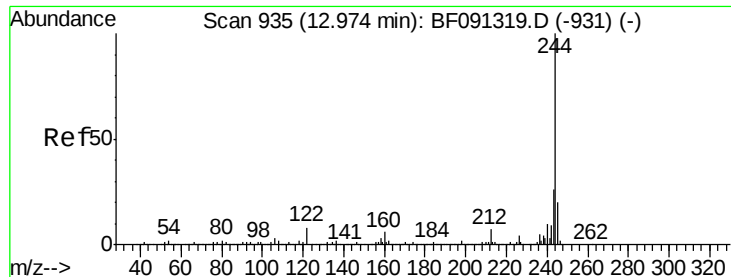
Tgt Ion:188 Resp: 445015
Ion Ratio Lower Upper
188 100
94 6.4 9.2 13.8#
80 6.7 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091415.D
Acq: 3 Dec 2016 3:15

Tgt Ion:240 Resp: 358175
Ion Ratio Lower Upper
240 100
120 9.9 12.1 18.1#
236 25.8 21.0 31.6





#78

Terphenyl-d14

Concen: 16.10 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF091415.D

Acq: 3 Dec 2016 3:15

Instrument :

BNA_F

ClientSampleId :

S12016SF-W-1

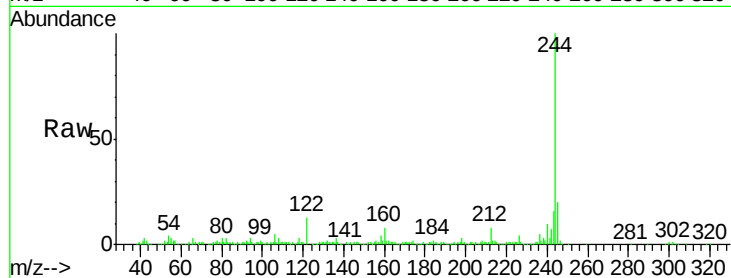
Tgt Ion:244 Resp: 265305

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

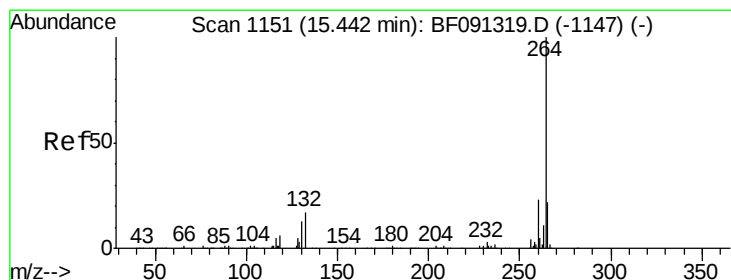
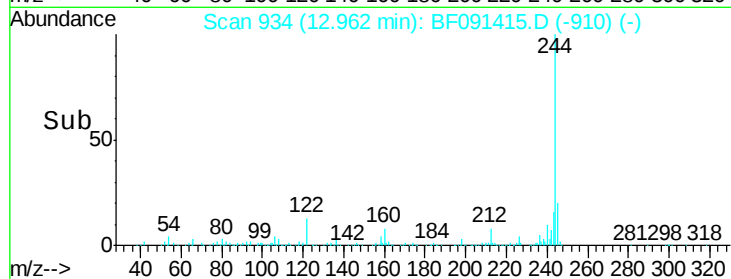
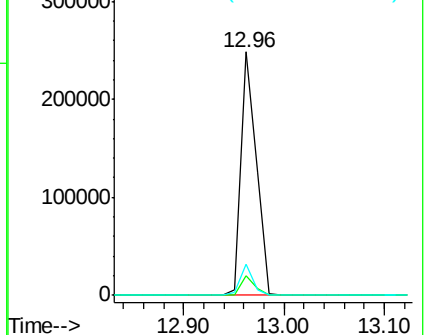
122 12.8 9.5 14.3



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: 15.44 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF091415.D

Acq: 3 Dec 2016 3:15

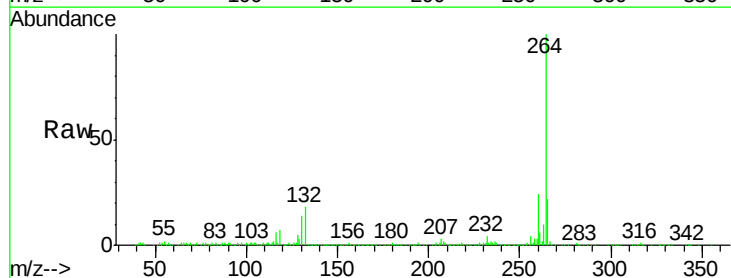
Tgt Ion:264 Resp: 288186

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 22.4 17.0 25.6



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

