

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
 Data File : BF092029.D
 Acq On : 29 Dec 2016 17:38
 Operator : UM/SJ
 Sample : H6241-01DL 50X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DL

Quant Time: Dec 30 10:49:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

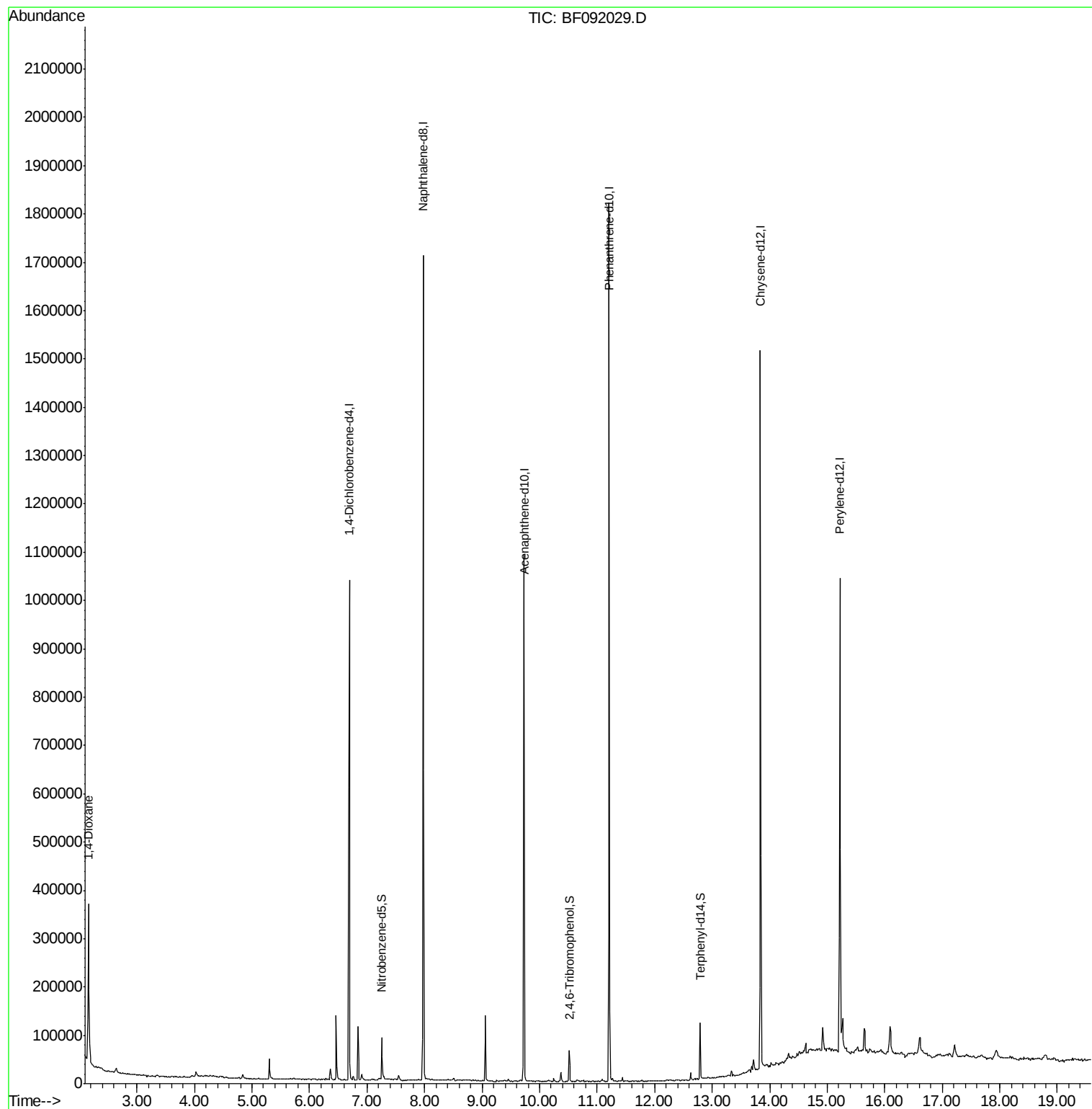
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	199725	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	851429	20.00	ng	-0.02
38) Acenaphthene-d10	9.73	164	345877	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	638667	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	540177	20.00	ng	-0.03
86) Perylene-d12	15.22	264	431162	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	16525	1.38	ng	-0.02
7) Phenol-d6	6.36	99	11544	0.79	ng	-0.02
23) Nitrobenzene-d5	7.25	82	31685	2.07	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	9677	3.38	ng	-0.02
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	12.80	244	57573	2.58	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	2.16	88	160064	27.18	ng	Qvalue 98

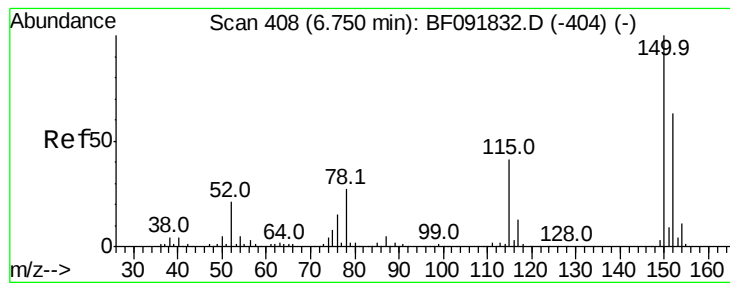
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF092029.D

Acq: 29 Dec 2016 17:38

Instrument :

BNA_F

ClientSampleId :

MW-1DL

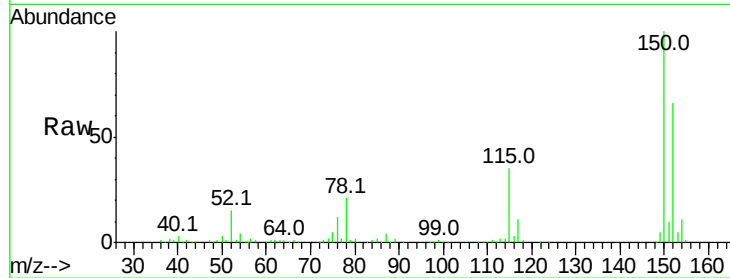
Tot Ion:152 Resp: 199725

Ion Ratio Lower Upper

152 100

150 152.5 124.9 187.3

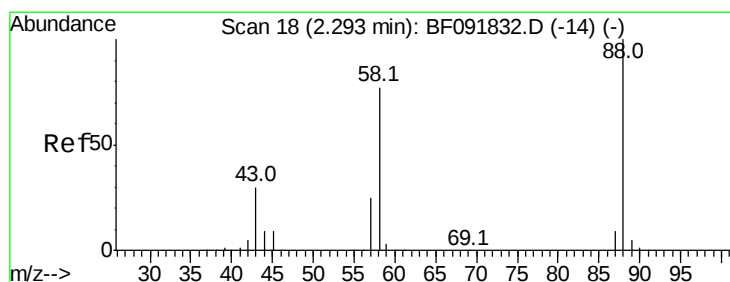
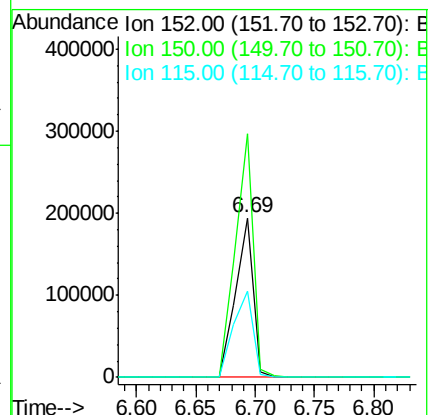
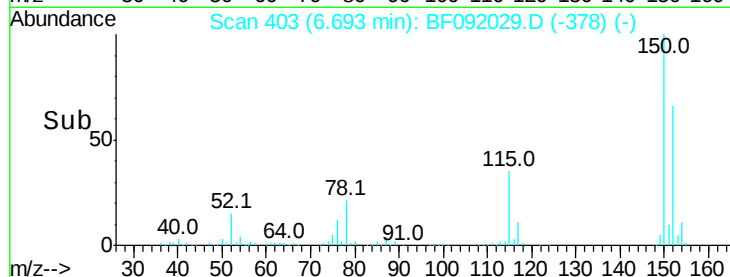
115 53.7 46.0 69.0



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



#2

1,4-Dioxane

Concen: 27.18 ng

RT: 2.16 min Scan# 6

Delta R.T. -0.03 min

Lab File: BF092029.D

Acq: 29 Dec 2016 17:38

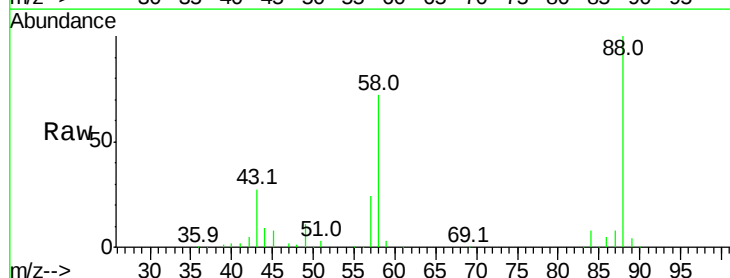
Tgt Ion: 88 Resp: 160064

Ion Ratio Lower Upper

88 100

58 74.0 57.8 86.8

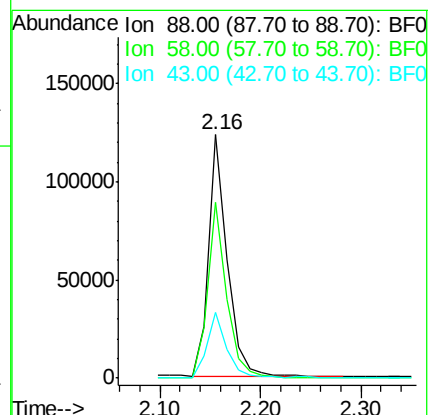
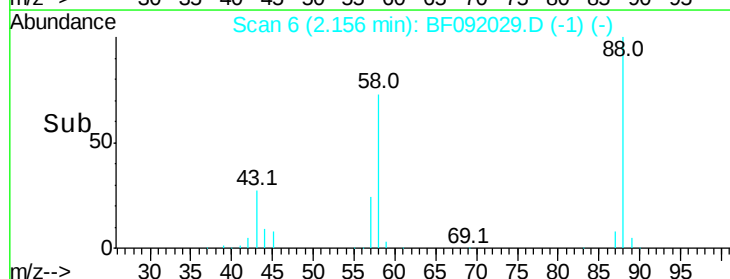
43 27.2 22.3 33.5

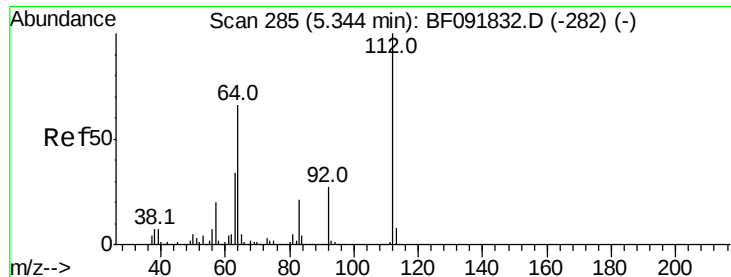


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 1.38 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF092029.D

Acq: 29 Dec 2016 17:38

Instrument :

BNA_F

ClientSampleId :

MW-1DL

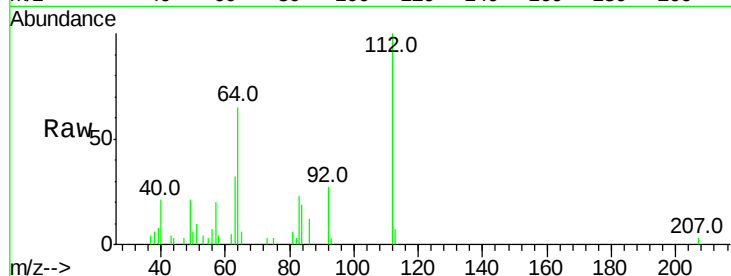
Tot Ion:112 Resp: 16525

Ion Ratio Lower Upper

112 100

64 65.1 46.1 69.1

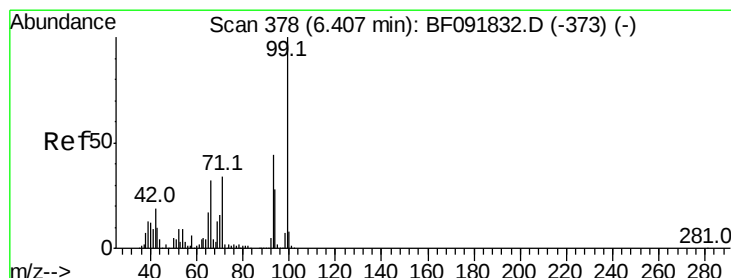
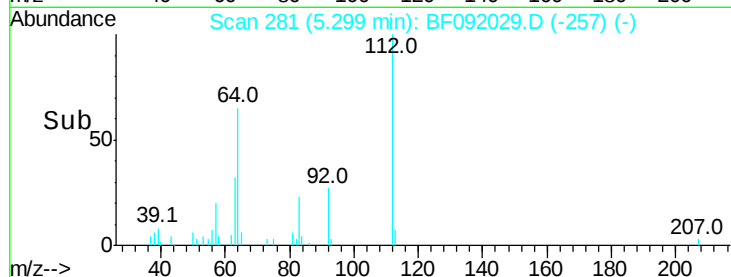
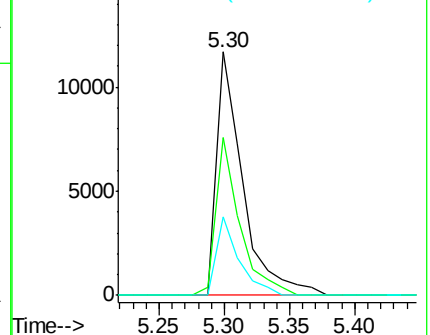
63 32.3 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 0.79 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF092029.D

Acq: 29 Dec 2016 17:38

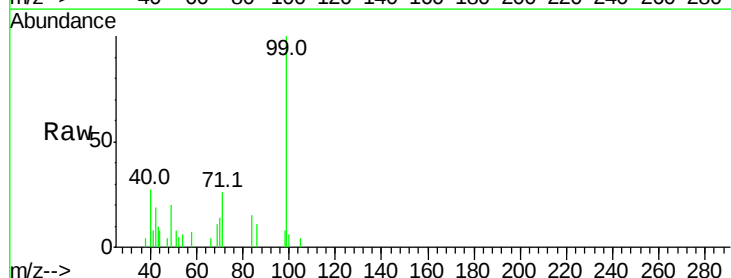
Tgt Ion: 99 Resp: 11544

Ion Ratio Lower Upper

99 100

42 18.7 15.6 23.4

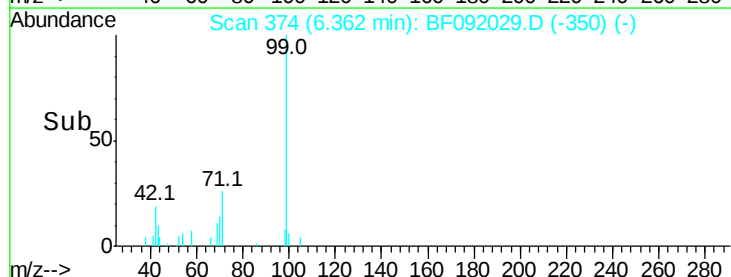
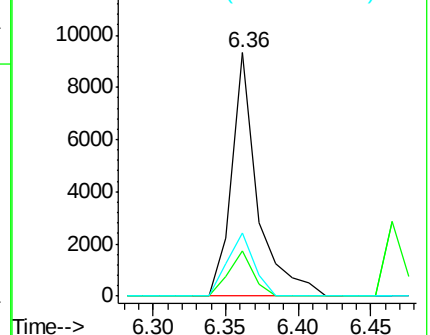
71 25.7 27.5 41.3#

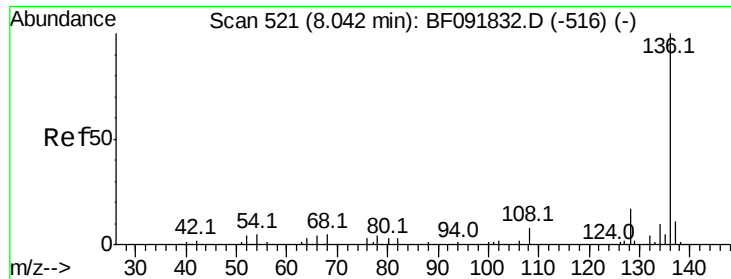


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

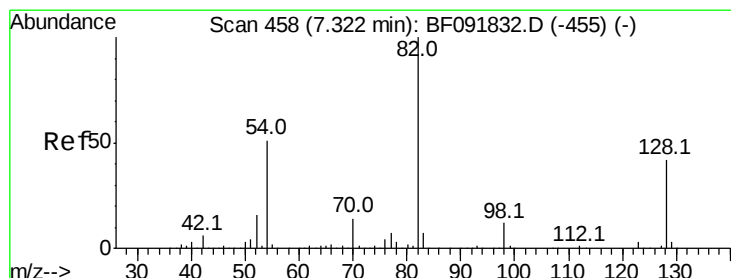
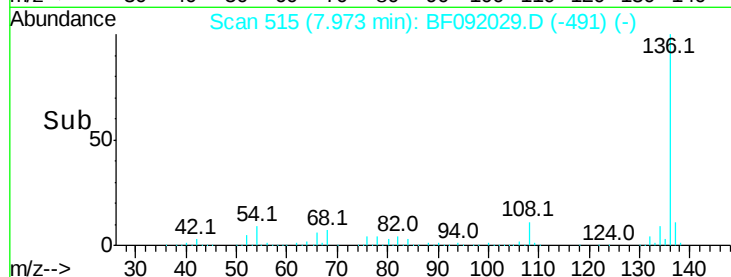
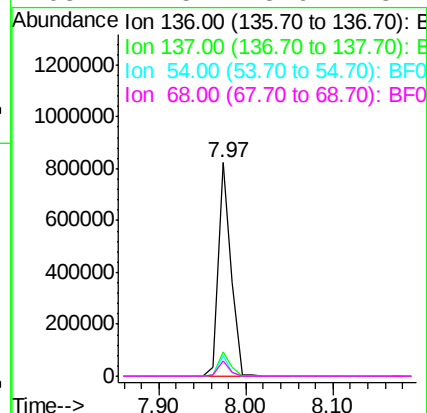
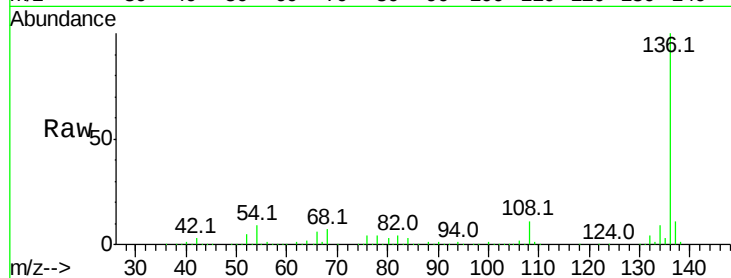




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF092029.D
Acq: 29 Dec 2016 17:38

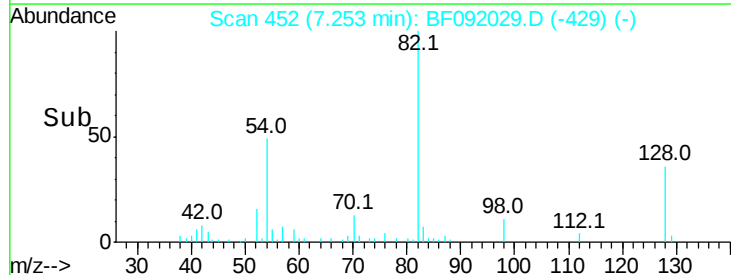
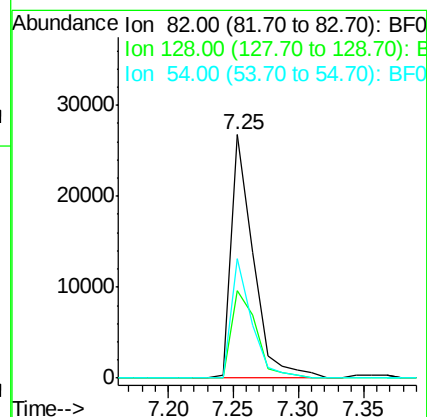
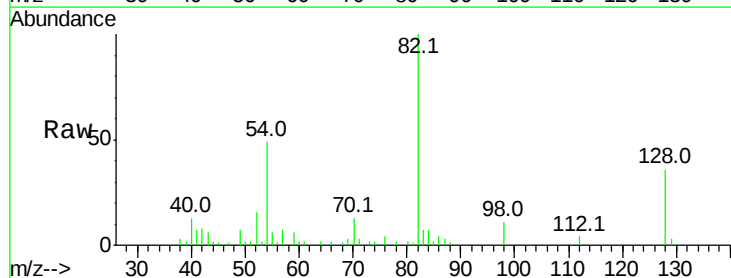
Instrument :
BNA_F
ClientSampleId :
MW-1DL

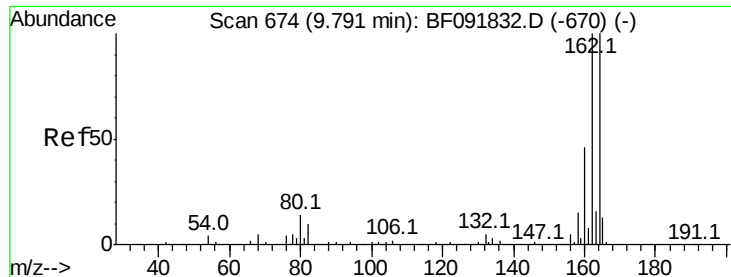
Tot Ion:136	Resp:	851429
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.4 12.6
54	9.5	4.5 6.7#
68	7.5	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 2.07 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF092029.D
Acq: 29 Dec 2016 17:38

Tgt Ion: 82	Resp:	31685
Ion	Ratio	Lower Upper
82	100	
128	35.8	34.6 52.0
54	48.9	39.5 59.3

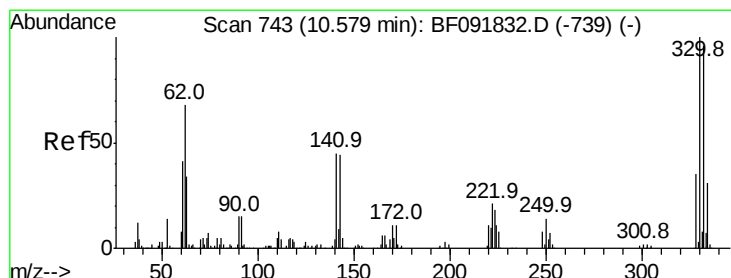
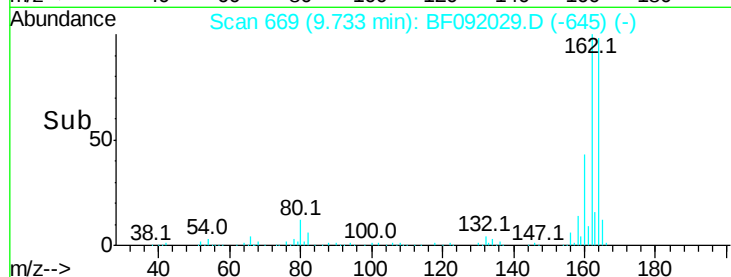
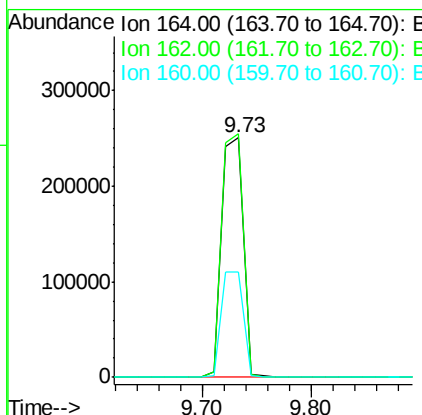
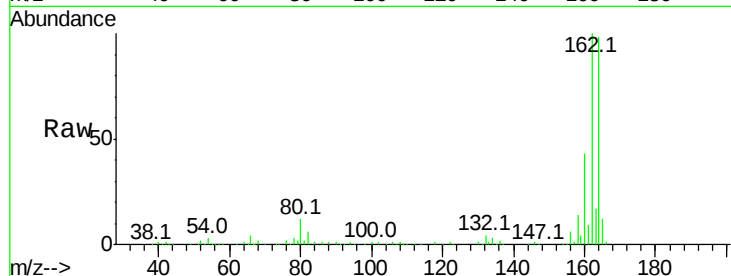




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092029.D
Acq: 29 Dec 2016 17:38

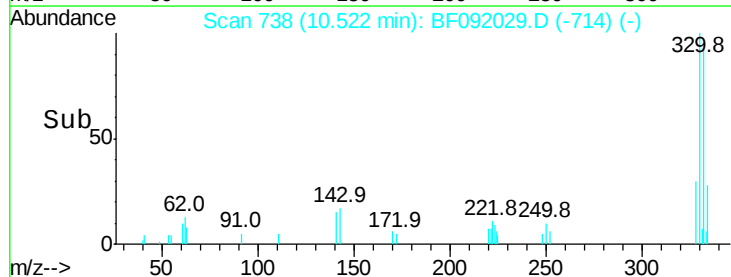
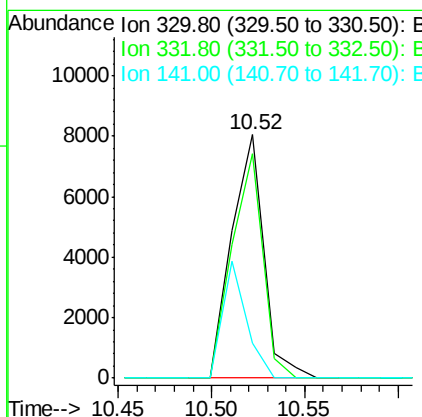
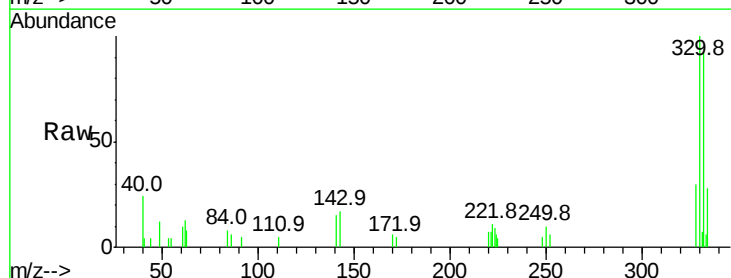
Instrument :
BNA_F
ClientSampleId :
MW-1DL

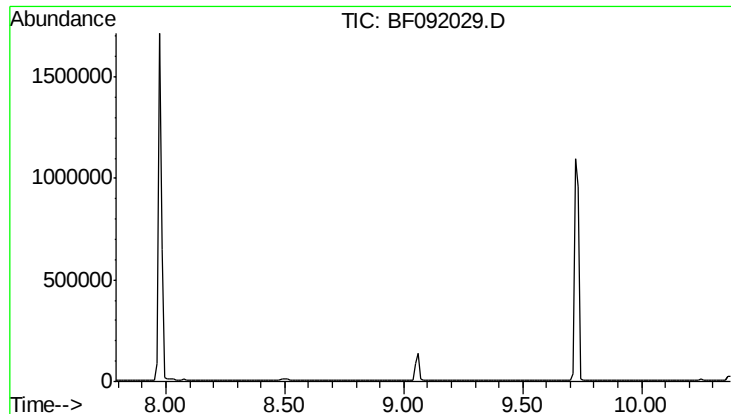
Tot Ion:164 Resp: 345877
Ion Ratio Lower Upper
164 100
162 101.6 80.2 120.2
160 44.2 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 3.38 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF092029.D
Acq: 29 Dec 2016 17:38

Tgt Ion:330 Resp: 9677
Ion Ratio Lower Upper
330 100
332 88.5 77.4 116.2
141 35.7 34.1 51.1





#44

2-Fluorobiphenyl

Concen: 0.00 ng

Expected RT: 9.08 min

Lab File: BF092029.D

Acq: 29 Dec 2016 17:38

Instrument :

BNA_F

ClientSampleId :

MW-1DL

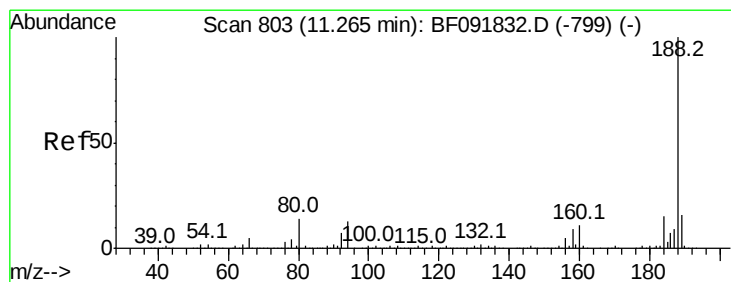
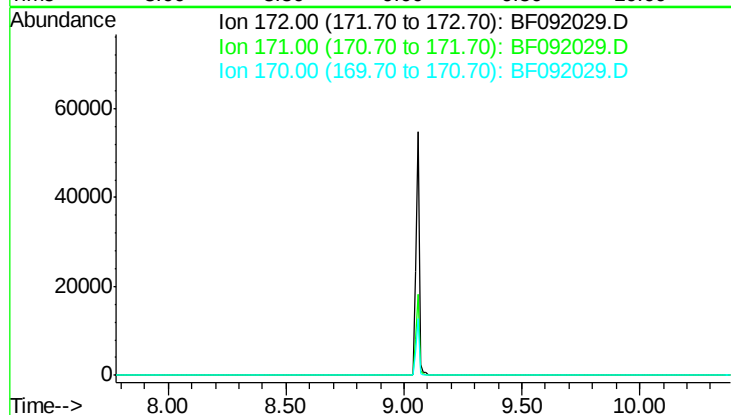
Tot Ion: 172

Sig Exp Ratio

172 100

171 36.7

170 25.3



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF092029.D

Acq: 29 Dec 2016 17:38

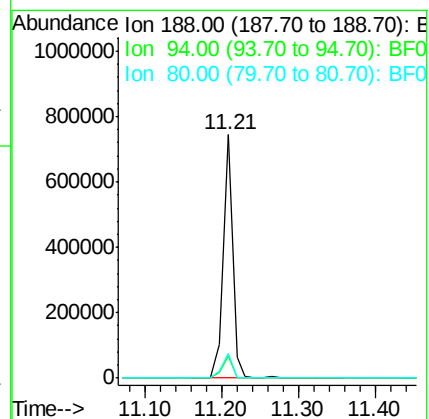
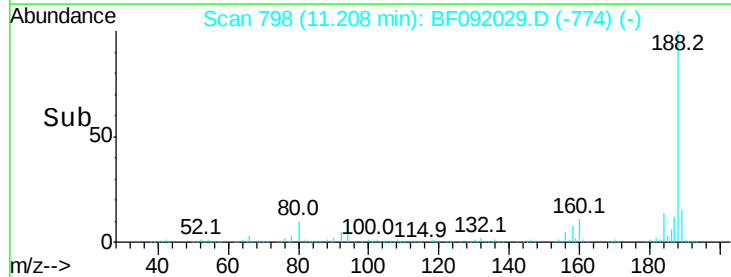
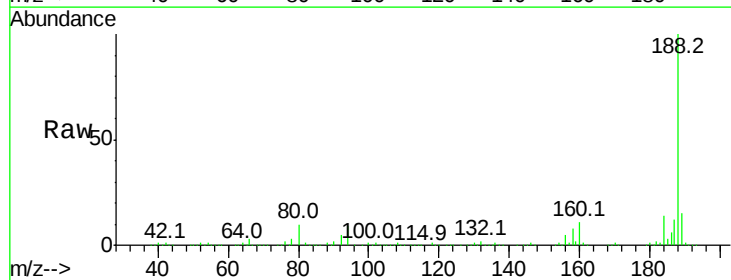
Tgt Ion:188 Resp: 638667

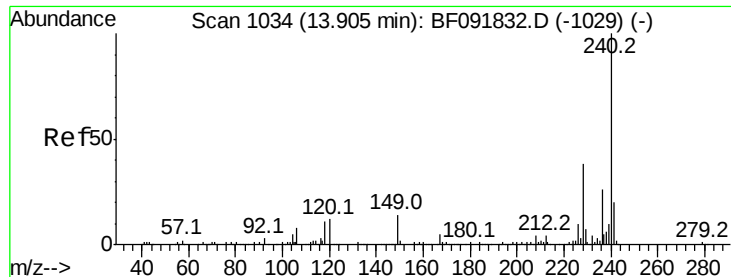
Ion Ratio Lower Upper

188 100

94 9.0 10.0 15.0#

80 9.9 11.2 16.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF092029.D

Acq: 29 Dec 2016 17:38

Instrument :

BNA_F

ClientSampleId :

MW-1DL

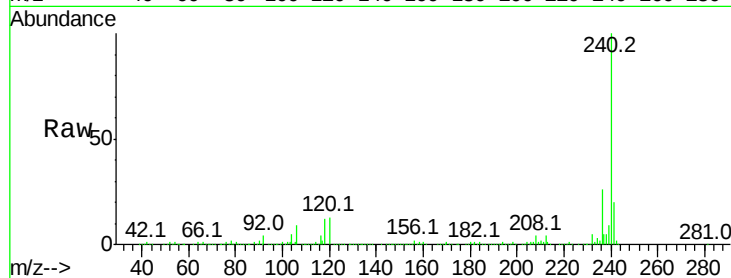
Tot Ion:240 Resp: 540177

Ion Ratio Lower Upper

240 100

120 12.8 12.9 19.3#

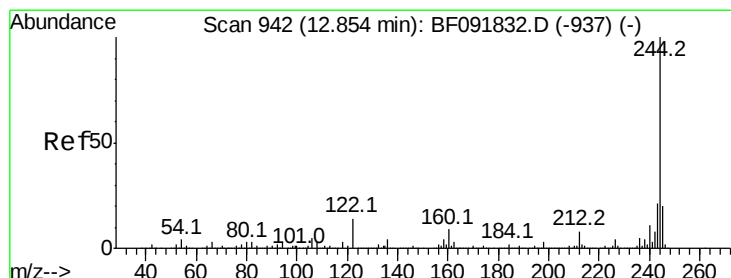
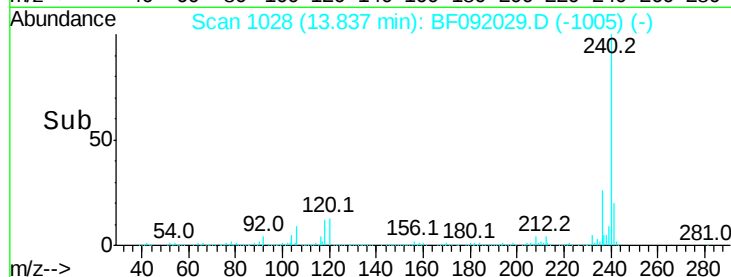
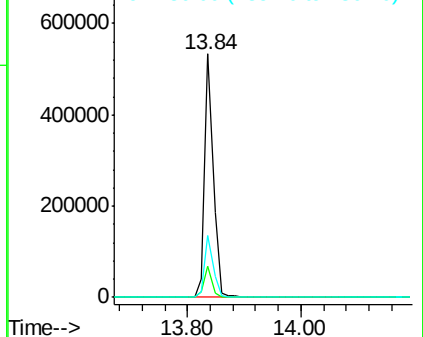
236 25.5 20.9 31.3



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: 2.58 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF092029.D

Acq: 29 Dec 2016 17:38

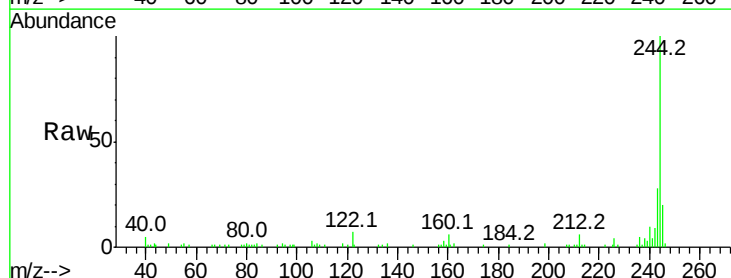
Tgt Ion:244 Resp: 57573

Ion Ratio Lower Upper

244 100

212 5.8 6.2 9.2#

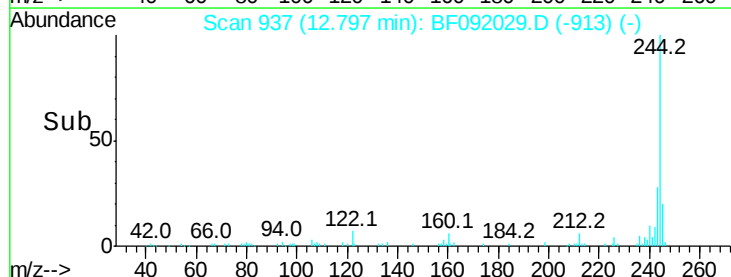
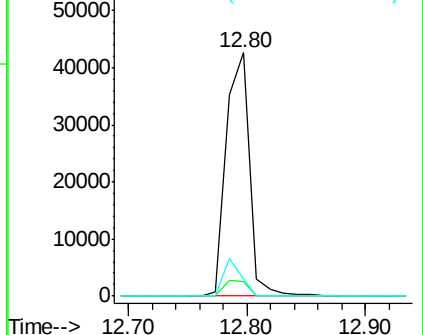
122 7.2 11.4 17.2#

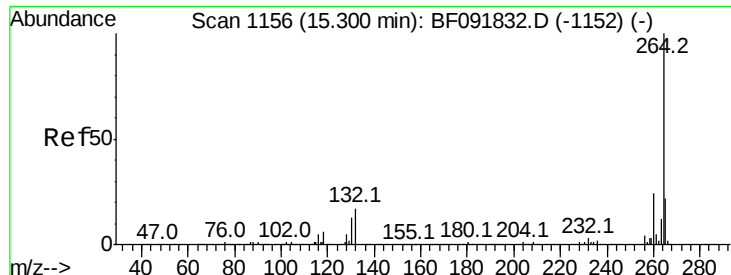


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

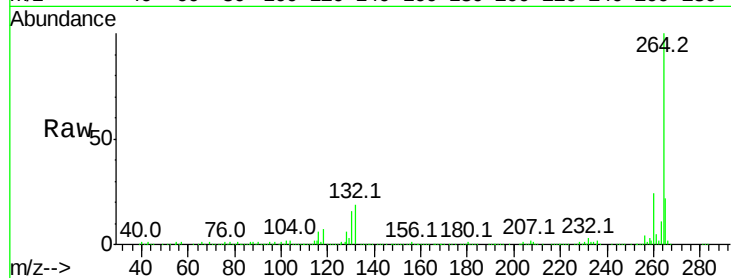




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF092029.D
 Acq: 29 Dec 2016 17:38

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	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

