

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
 Data File : BF092022.D
 Acq On : 29 Dec 2016 13:54
 Operator : UM/SJ
 Sample : H6278-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: Dec 29 14:59:00 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	243931	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	795492	20.00	ng	-0.02
38) Acenaphthene-d10	9.73	164	439190	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	758227	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	668981	20.00	ng	-0.03
86) Perylene-d12	15.22	264	586962	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	792622	54.26	ng	-0.02
7) Phenol-d6	6.35	99	734293	41.17	ng	-0.03
23) Nitrobenzene-d5	7.26	82	1749542	122.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	512885	141.11	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	2148210	102.94	ng	-0.02
78) Terphenyl-d14	12.81	244	2529900	91.72	ng	-0.01

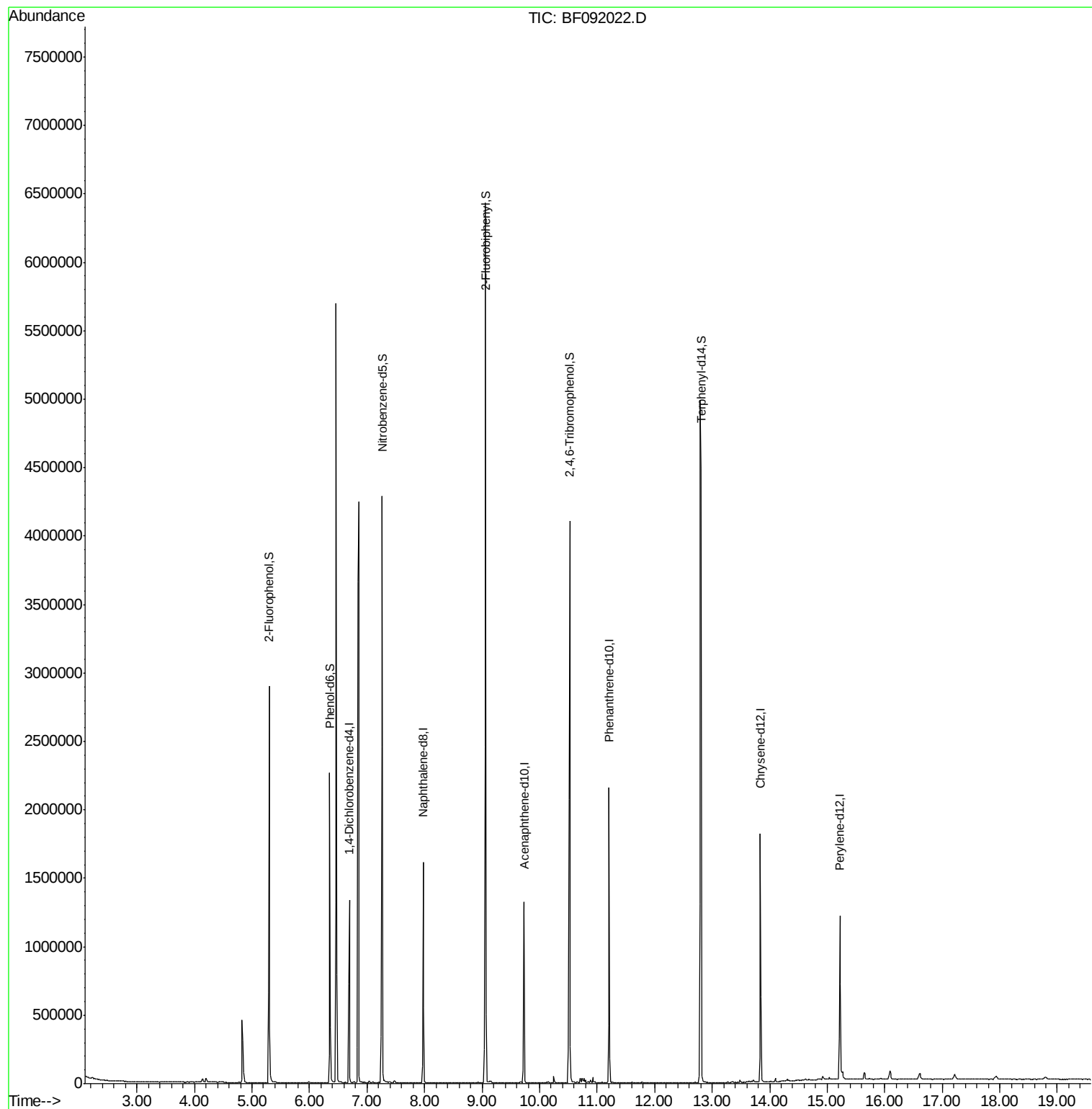
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF092022.D

Acq: 29 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

MW-02

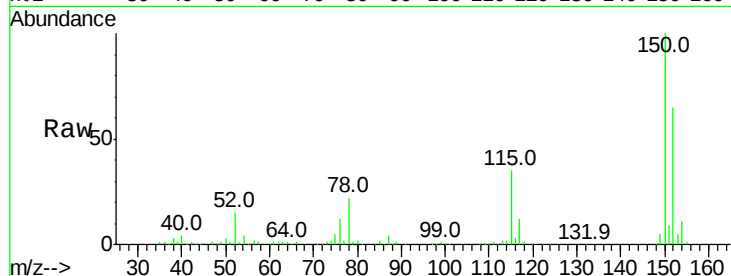
Tot Ion:152 Resp: 243931

Ion Ratio Lower Upper

152 100

150 154.6 124.9 187.3

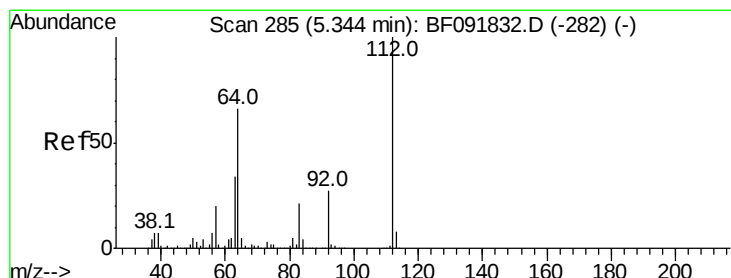
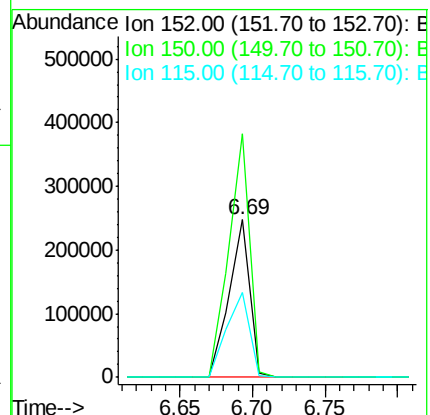
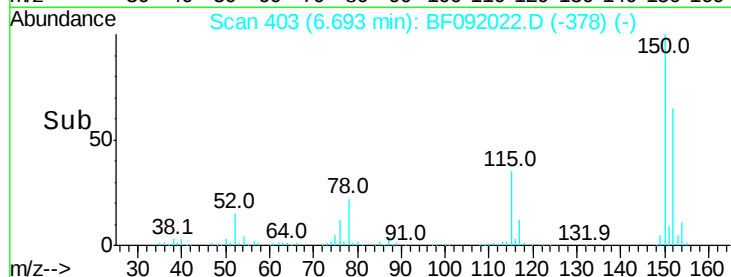
115 54.2 46.0 69.0



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: 54.26 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF092022.D

Acq: 29 Dec 2016 13:54

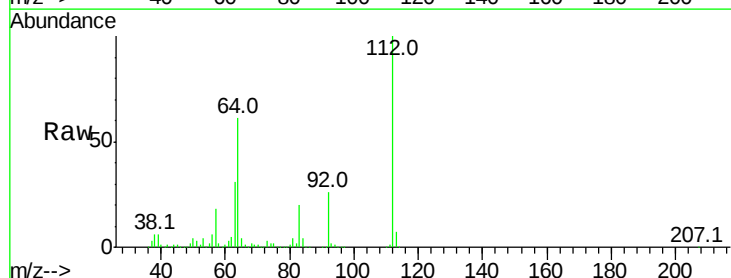
Tgt Ion:112 Resp: 792622

Ion Ratio Lower Upper

112 100

64 61.0 46.1 69.1

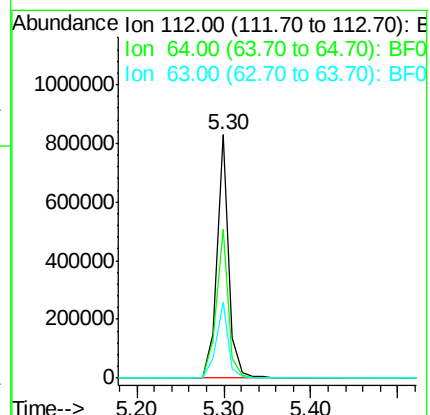
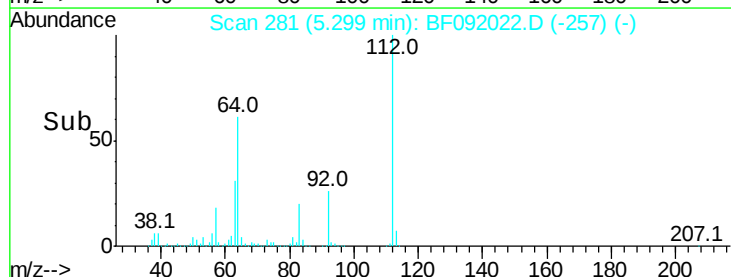
63 31.4 23.8 35.6



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: 41.17 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092022.D

Acq: 29 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

MW-02

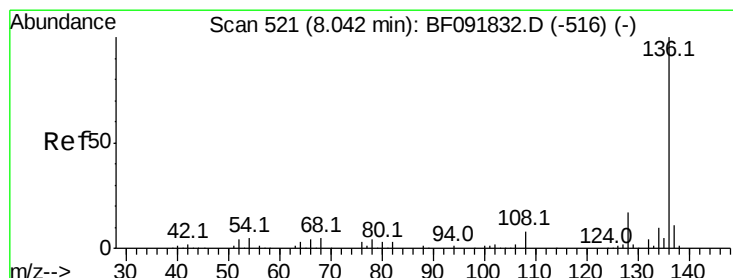
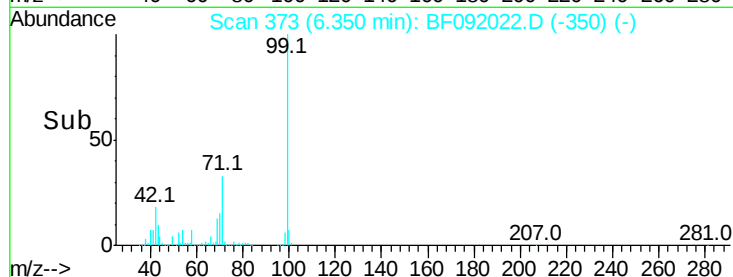
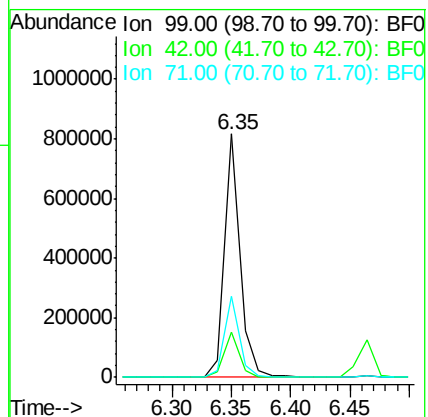
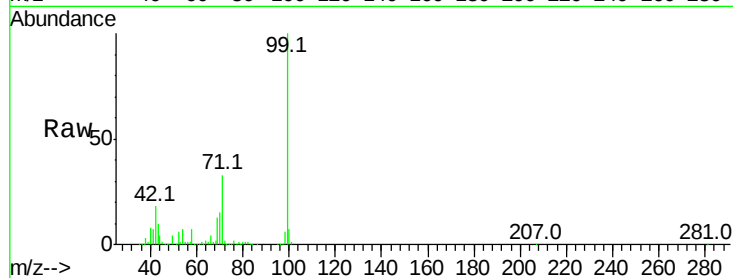
Tot Ion: 99 Resp: 734293

Ion Ratio Lower Upper

99 100

42 18.5 15.6 23.4

71 33.1 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF092022.D

Acq: 29 Dec 2016 13:54

Tgt Ion: 136 Resp: 795492

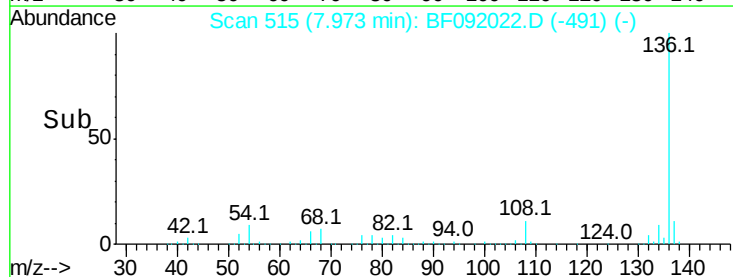
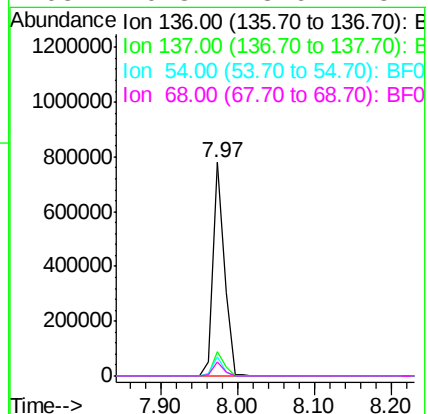
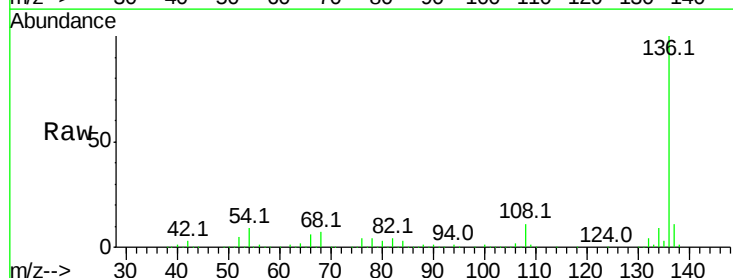
Ion Ratio Lower Upper

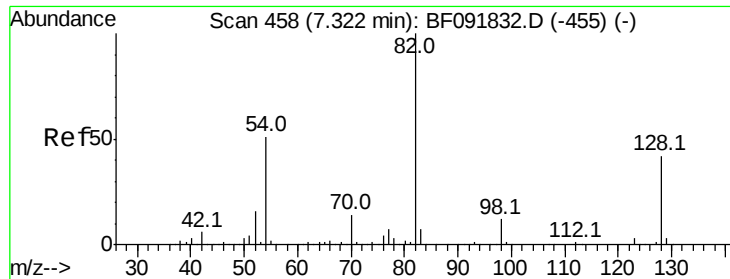
136 100

137 11.5 8.4 12.6

54 8.9 4.5 6.7#

68 6.8 3.6 5.4#



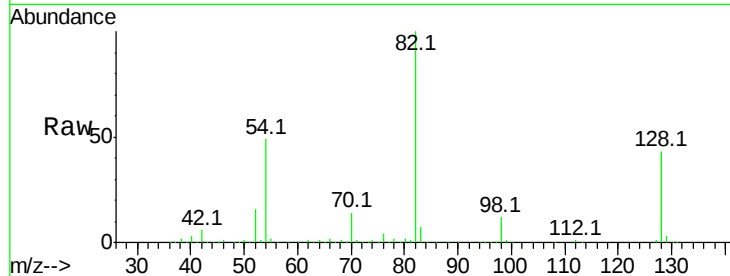


#23
 Nitrobenzene-d5
 Concen: 122.30 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF092022.D
 Acq: 29 Dec 2016 13:54

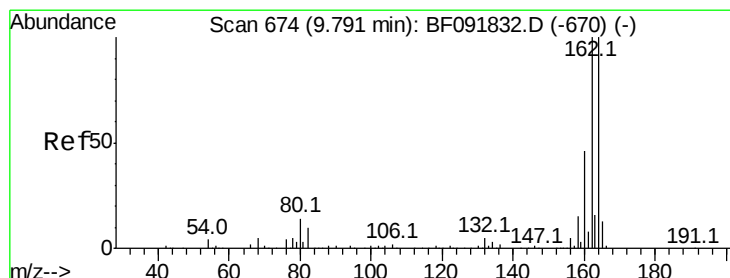
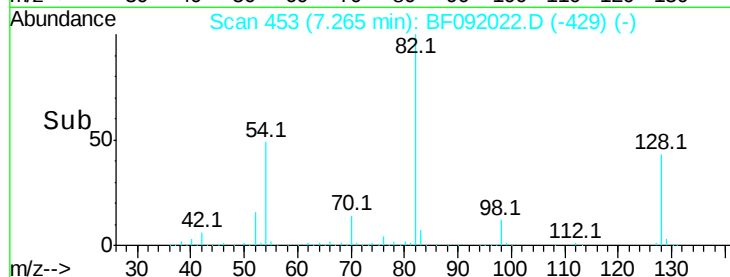
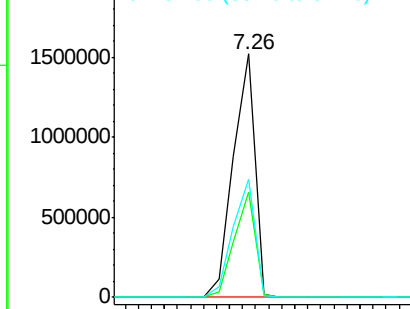
Instrument :
 BNA_F
 ClientSampled :
 MW-02

Tot Ion: 82 Resp: 1749542

Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	52.0
54	48.6	39.5	59.3



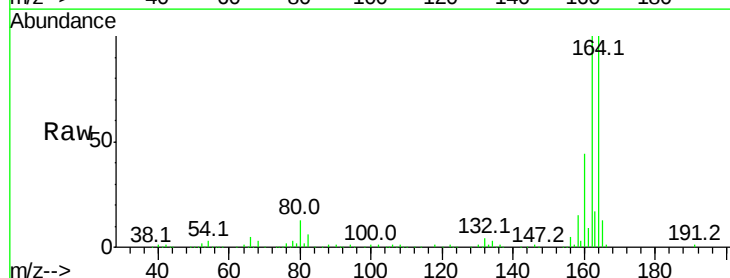
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



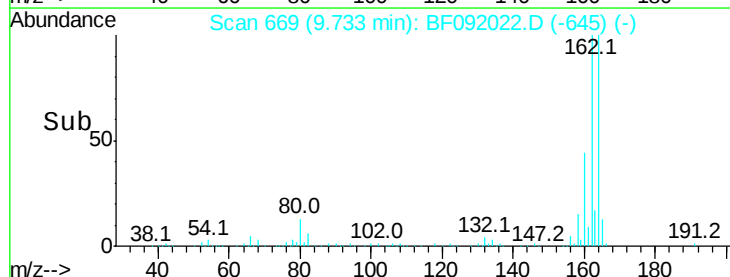
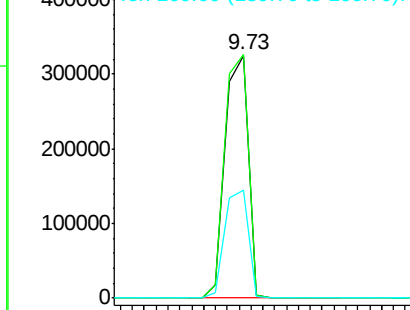
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF092022.D
 Acq: 29 Dec 2016 13:54

Tgt Ion:164 Resp: 439190

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

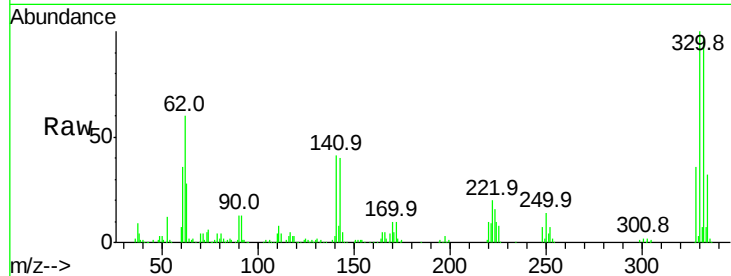




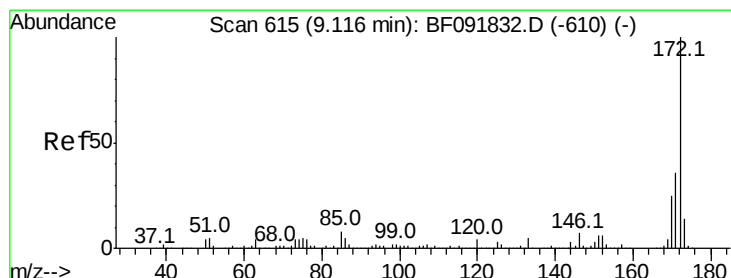
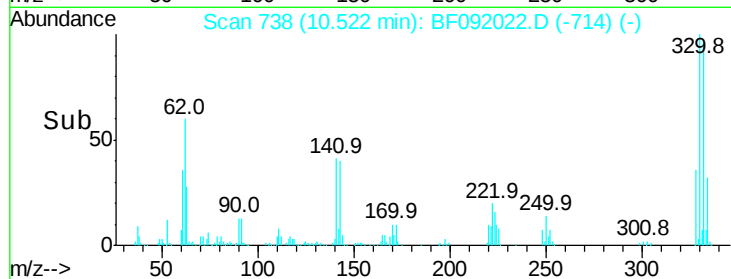
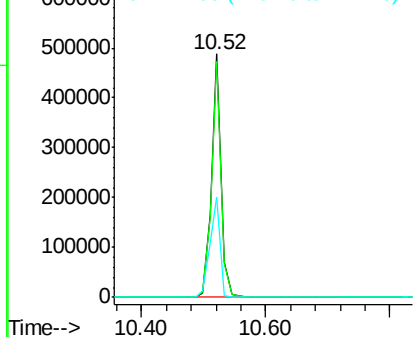
#41
 2,4,6-Tribromophenol
 Concen: 141.11 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF092022.D
 Acq: 29 Dec 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tot Ion:330 Resp: 512885
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 44.1 34.1 51.1

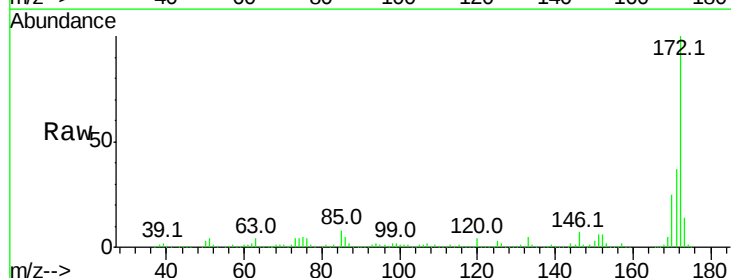


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

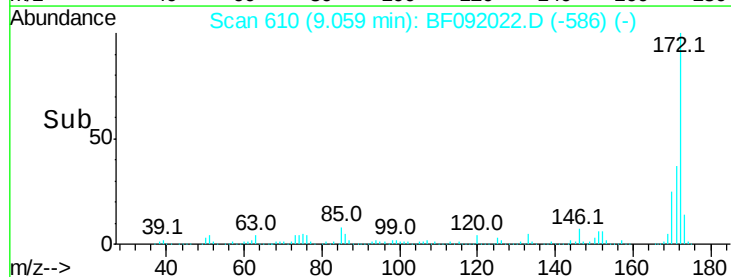
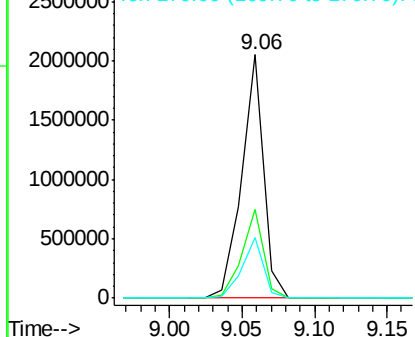


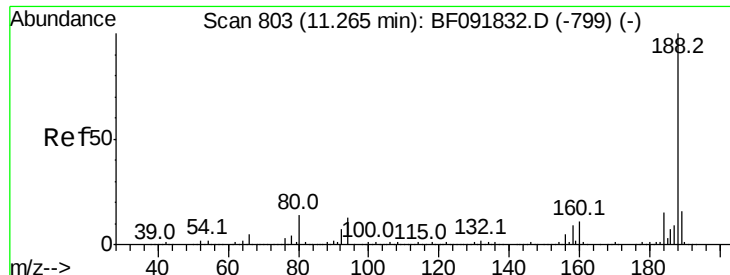
#44
 2-Fluorobiphenyl
 Concen: 102.94 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF092022.D
 Acq: 29 Dec 2016 13:54

Tgt Ion:172 Resp: 2148210
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

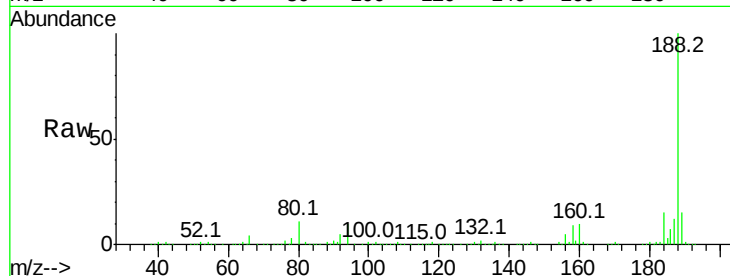




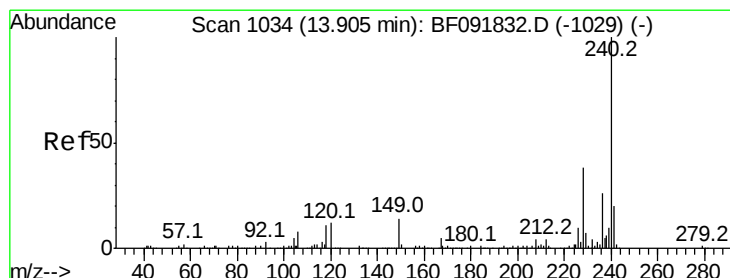
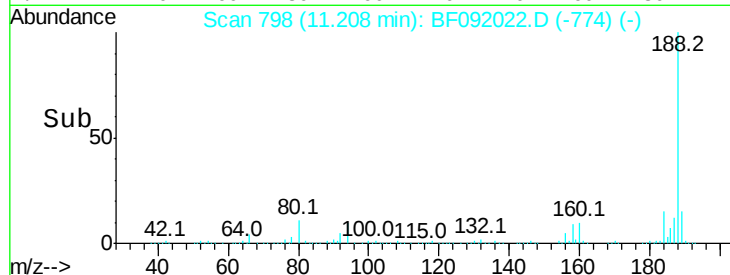
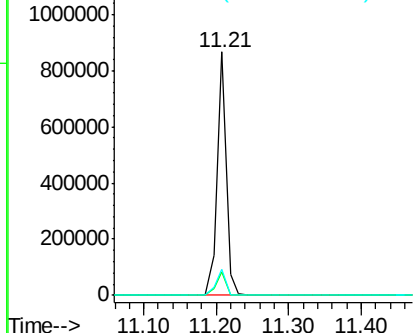
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF092022.D
Acq: 29 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :
MW-02

Tot Ion:188 Resp: 758227
Ion Ratio Lower Upper
188 100
94 9.8 10.0 15.0#
80 10.7 11.2 16.8#

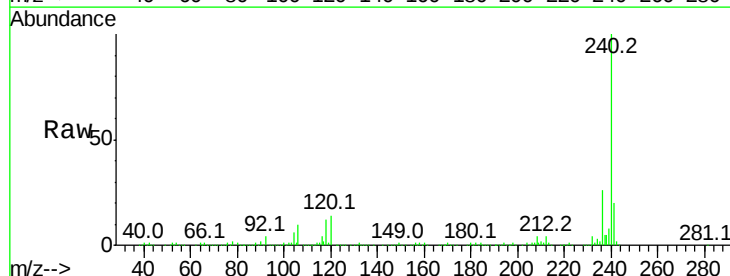


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

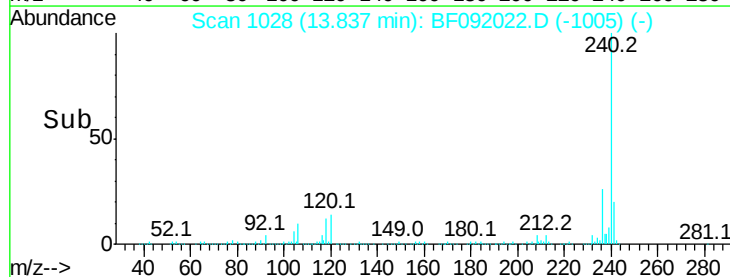
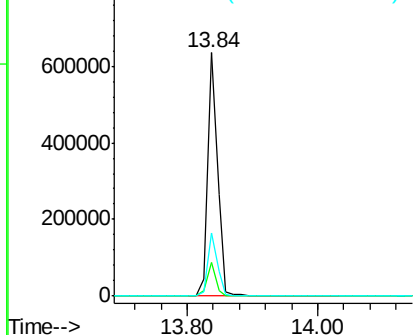


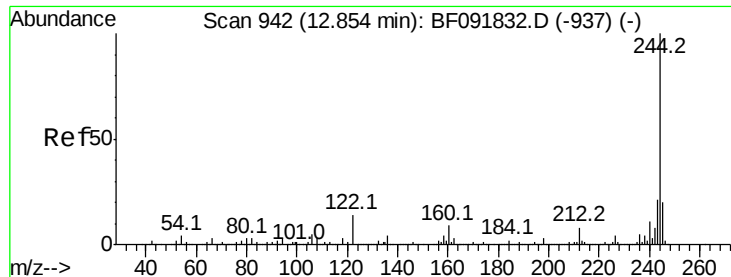
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BF092022.D
Acq: 29 Dec 2016 13:54

Tgt Ion:240 Resp: 668981
Ion Ratio Lower Upper
240 100
120 14.0 12.9 19.3
236 25.9 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: 91.72 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF092022.D

Acq: 29 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

MW-02

Tot Ion:244 Resp: 2529900

Ion Ratio Lower Upper

244 100

212 6.6

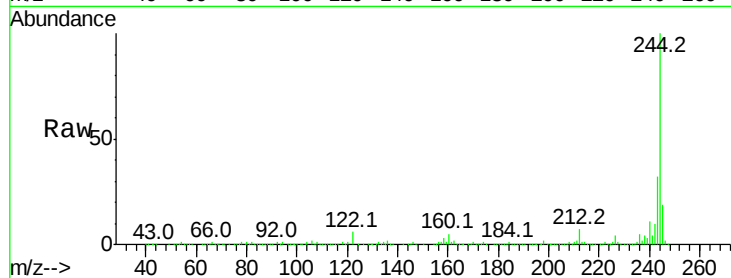
6.2

9.2

122 5.9

11.4

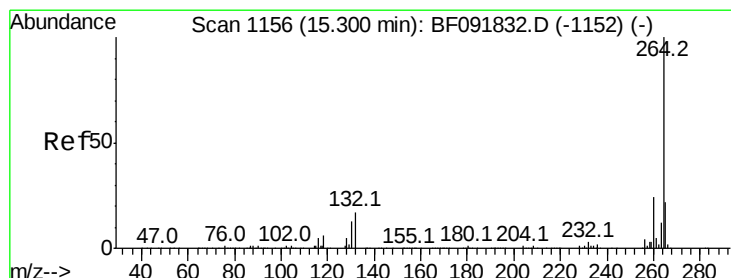
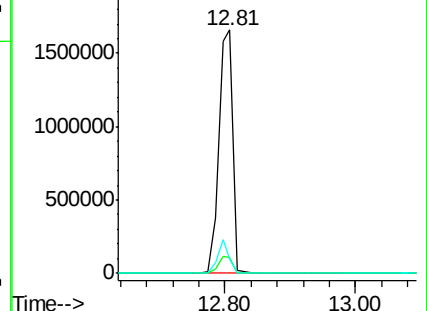
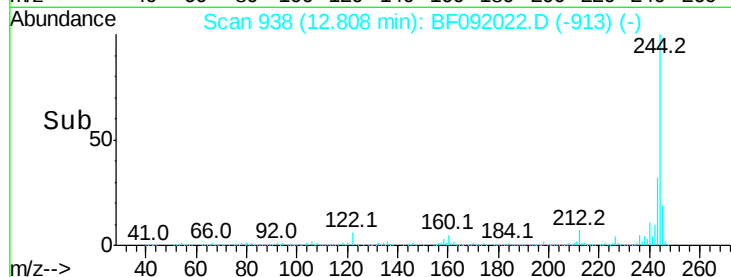
17.2#



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: 15.22 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BF092022.D

Acq: 29 Dec 2016 13:54

Tgt Ion:264 Resp: 586962

Ion Ratio Lower Upper

264 100

260 23.8

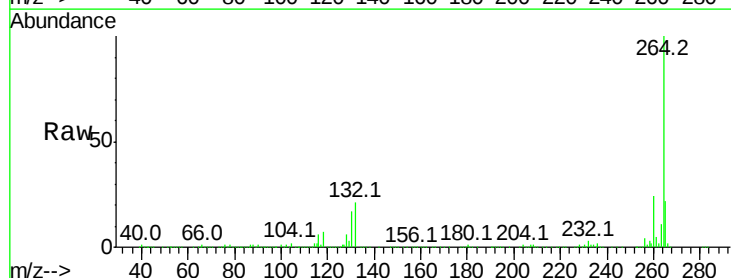
19.2

28.8

265 21.7

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

