

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
 Data File : BF092048.D
 Acq On : 30 Dec 2016 15:54
 Operator : UM/SJ
 Sample : H6314-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-26

Quant Time: Dec 30 18:09:59 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	6.68	152	241190	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	872231	20.00	ng	-0.03
38) Acenaphthene-d10	9.72	164	459643	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	702181	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	440778	20.00	ng	-0.05
86) Perylene-d12	15.21	264	543056	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	897524	62.13	ng	-0.03
7) Phenol-d6	6.34	99	693406	39.32	ng	-0.05
23) Nitrobenzene-d5	7.25	82	1674906	106.78	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	480145	126.22	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	2170895	98.88	ng	-0.03
78) Terphenyl-d14	12.78	244	1714731	94.35	ng	-0.03

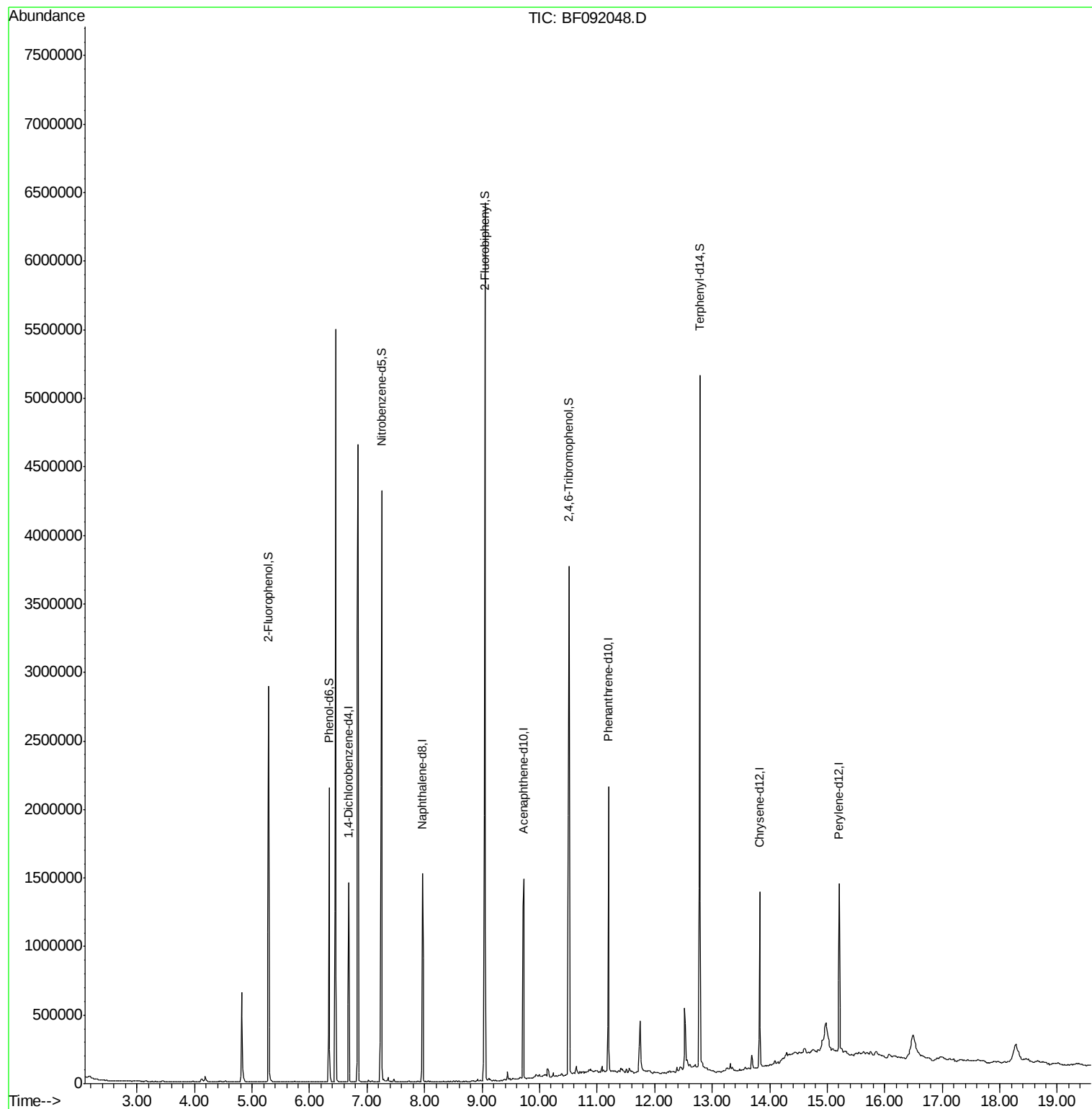
Target Compounds Qvalue

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

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QLast Update : Wed Dec 28 17:32:10 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF092048.D

Acq: 30 Dec 2016 15:54

Instrument :

BNA_F

ClientSampled :

MW-26

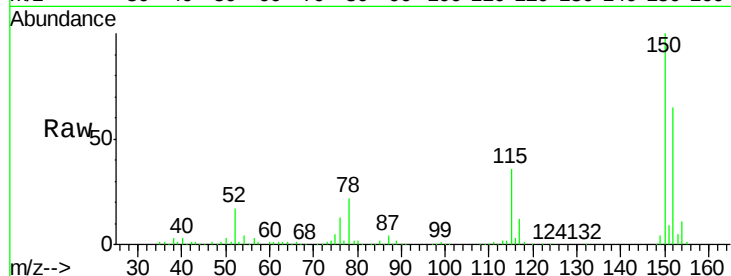
Tot Ion:152 Resp: 241190

Ion Ratio Lower Upper

152 100

150 154.0 124.9 187.3

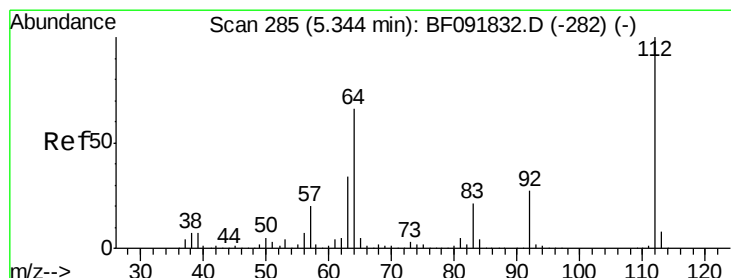
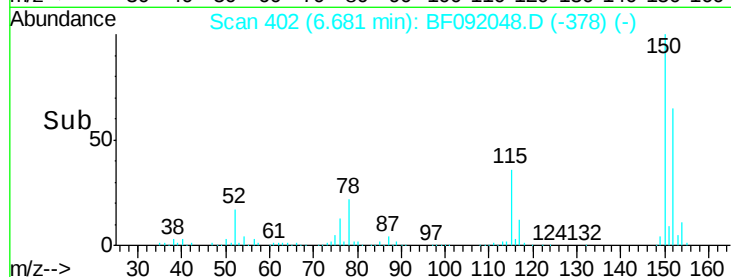
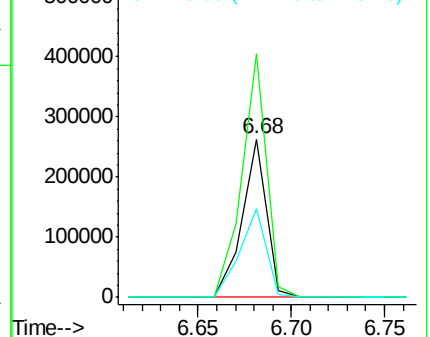
115 56.0 46.0 69.0



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: 62.13 ng

RT: 5.29 min Scan# 280

Delta R.T. -0.03 min

Lab File: BF092048.D

Acq: 30 Dec 2016 15:54

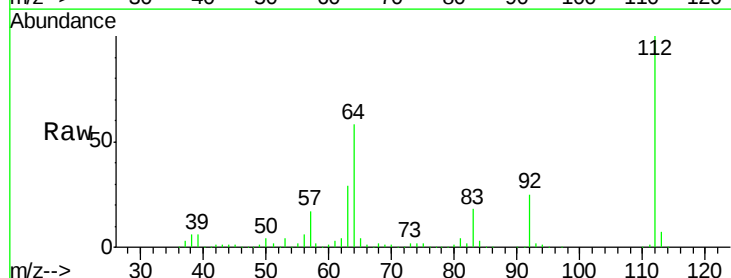
Tgt Ion:112 Resp: 897524

Ion Ratio Lower Upper

112 100

64 57.6 46.1 69.1

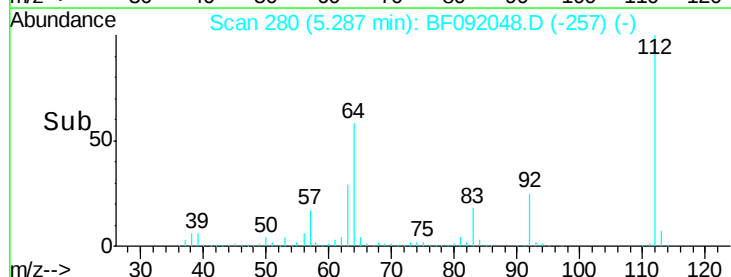
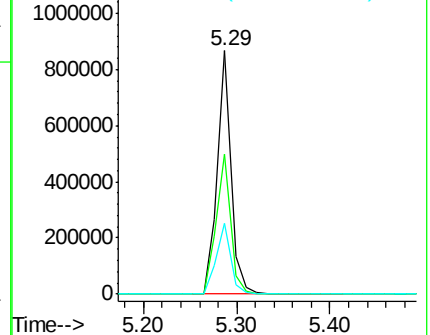
63 29.1 23.8 35.6



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: 39.32 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF092048.D

Acq: 30 Dec 2016 15:54

Instrument :

BNA_F

ClientSampled :

MW-26

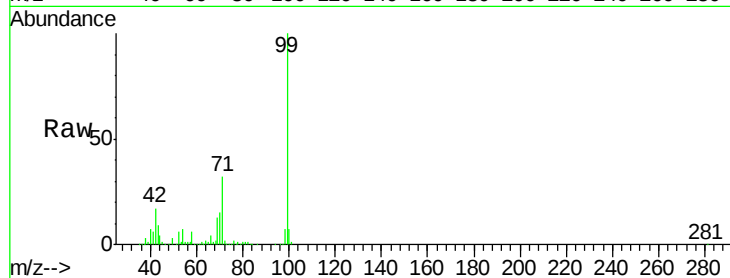
Tot Ion: 99 Resp: 693406

Ion Ratio Lower Upper

99 100

42 17.3 15.6 23.4

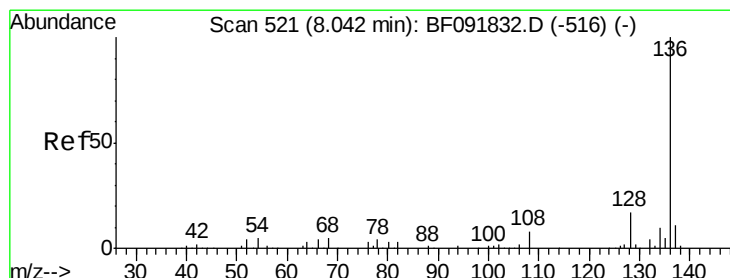
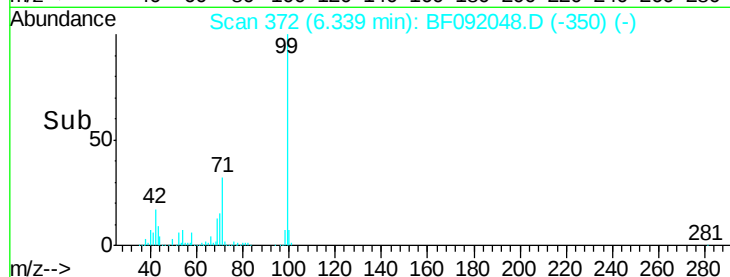
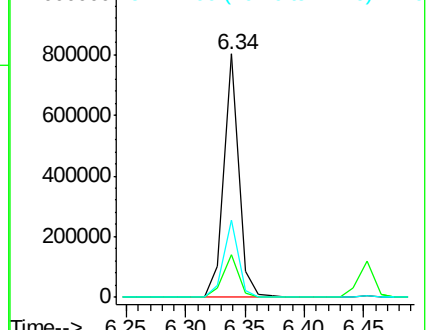
71 31.5 27.5 41.3



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: 7.96 min Scan# 514

Delta R.T. -0.03 min

Lab File: BF092048.D

Acq: 30 Dec 2016 15:54

Tgt Ion: 136 Resp: 872231

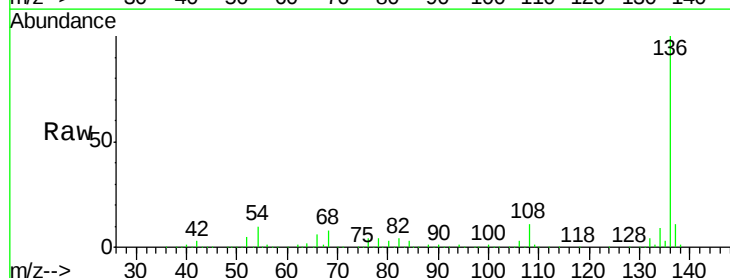
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 9.6 4.5 6.7#

68 7.5 3.6 5.4#

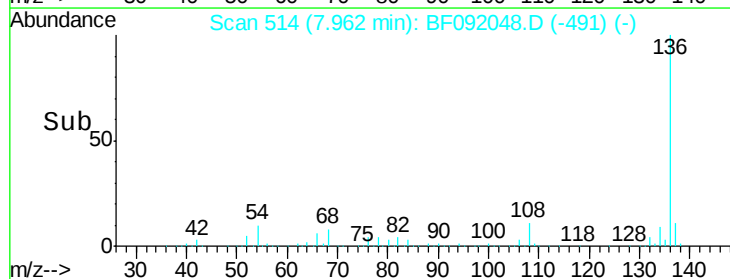
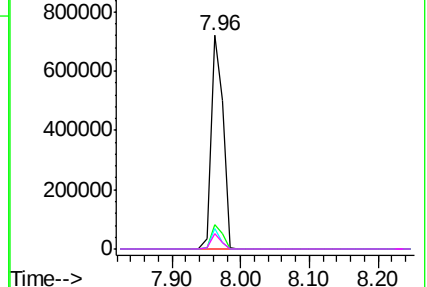


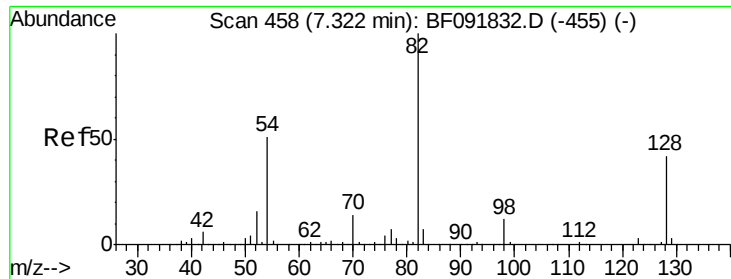
Abundance Ion 136.00 (135.70 to 136.70): E

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



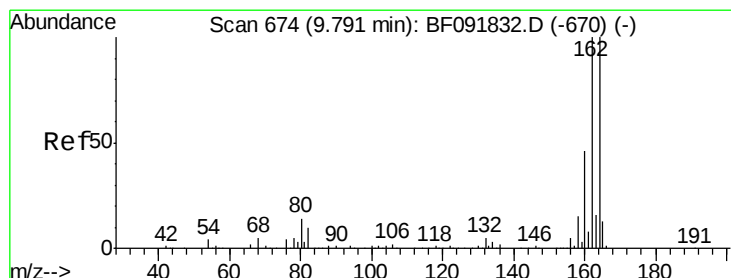
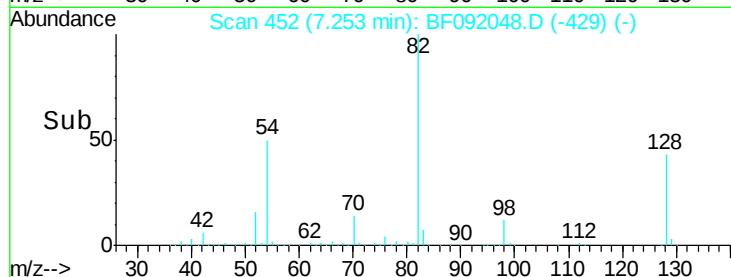
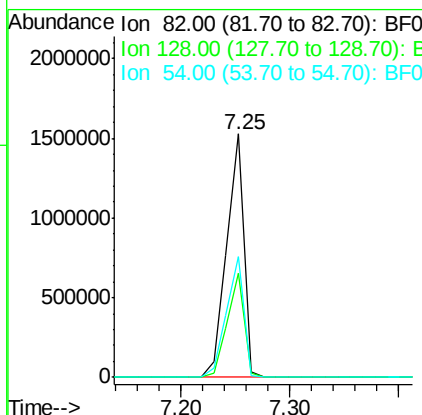
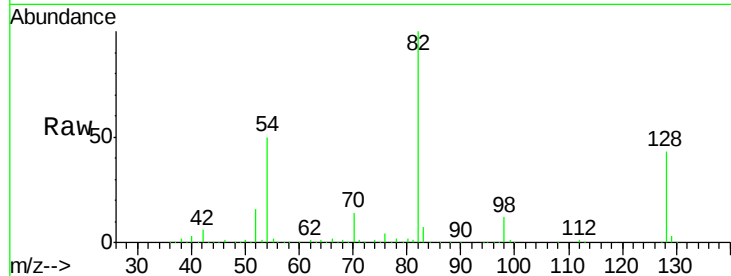


#23
 Nitrobenzene-d5
 Concen: 106.78 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.03 min
 Lab File: BF092048.D
 Acq: 30 Dec 2016 15:54

Instrument :
 BNA_F
 ClientSampled :
 MW-26

Tot Ion: 82 Resp: 1674906

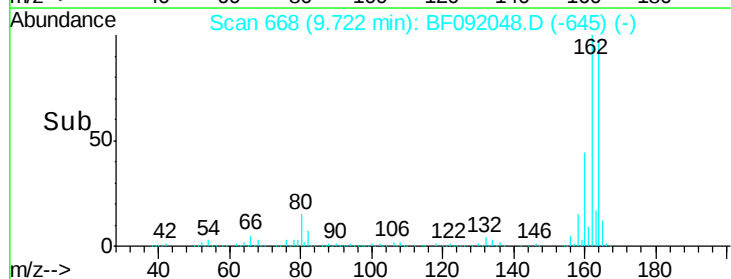
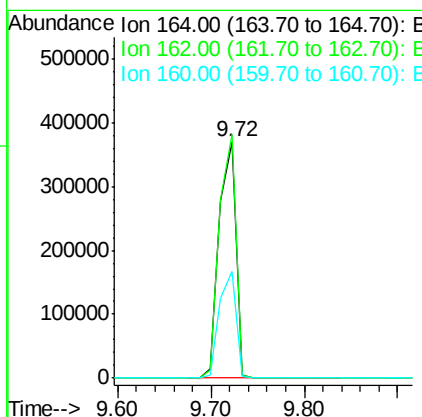
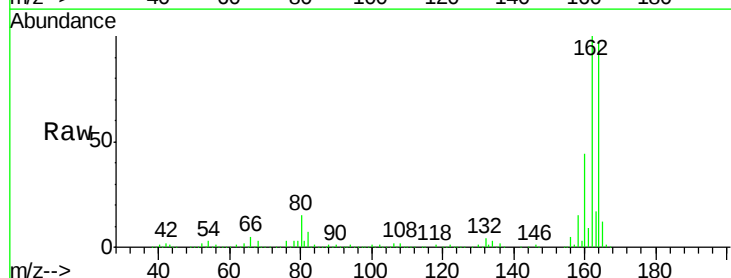
Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	52.0
54	49.5	39.5	59.3

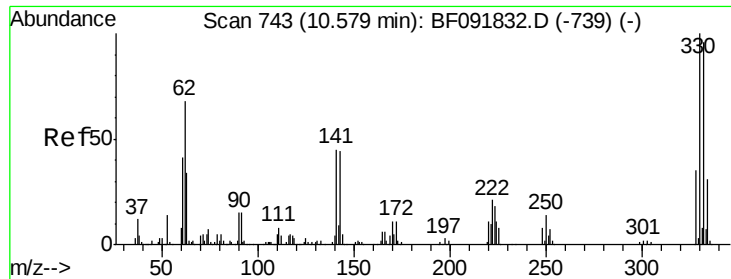


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.03 min
 Lab File: BF092048.D
 Acq: 30 Dec 2016 15:54

Tgt Ion: 164 Resp: 459643

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.2	120.2
160	45.3	36.9	55.3

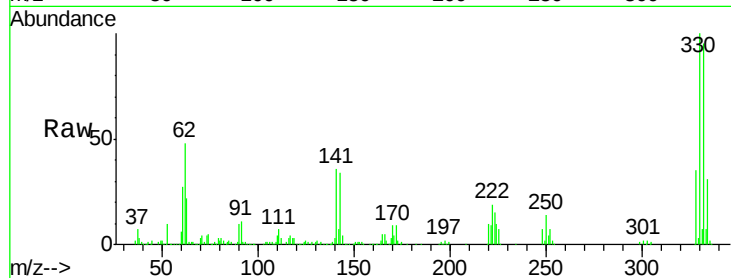




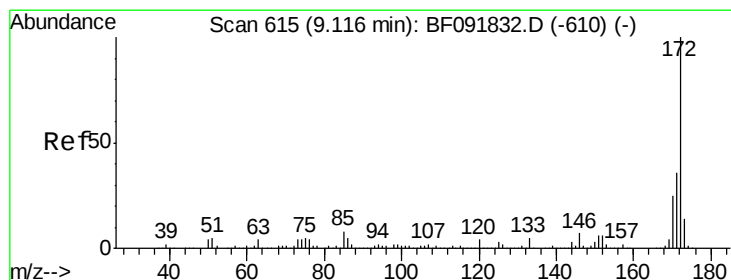
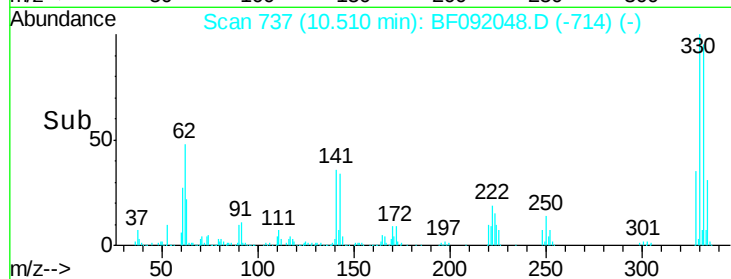
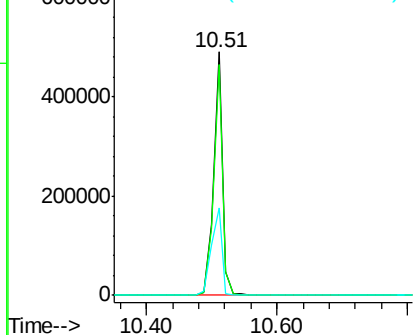
#41
 2,4,6-Tribromophenol
 Concen: 126.22 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.03 min
 Lab File: BF092048.D
 Acq: 30 Dec 2016 15:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-26

Tot Ion:330 Resp: 480145
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.4 116.2
 141 42.0 34.1 51.1

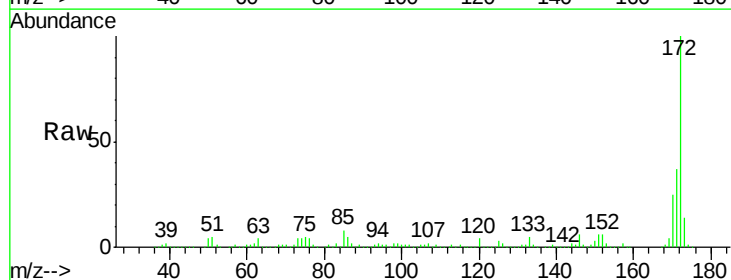


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

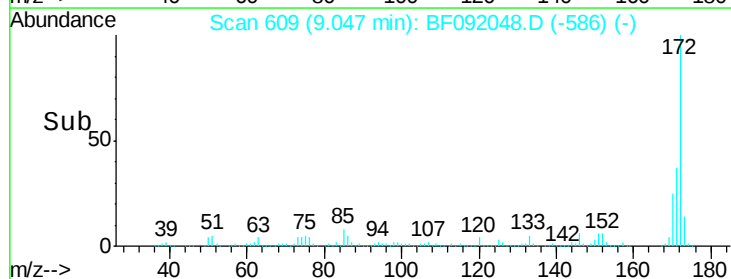
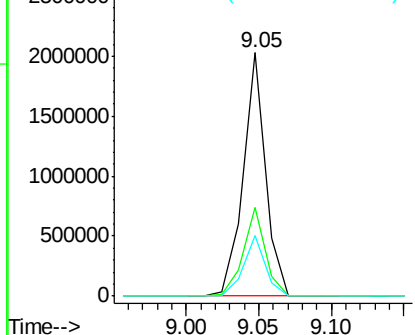


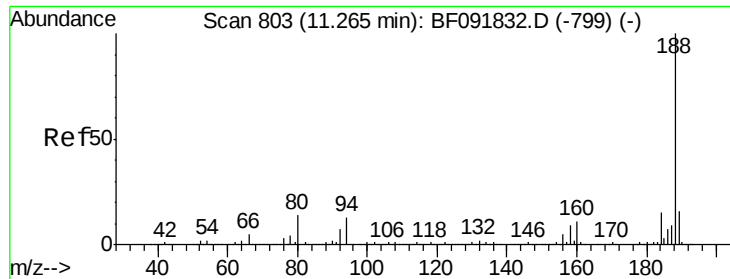
#44
 2-Fluorobiphenyl
 Concen: 98.88 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF092048.D
 Acq: 30 Dec 2016 15:54

Tgt Ion:172 Resp: 2170895
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 25.1 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

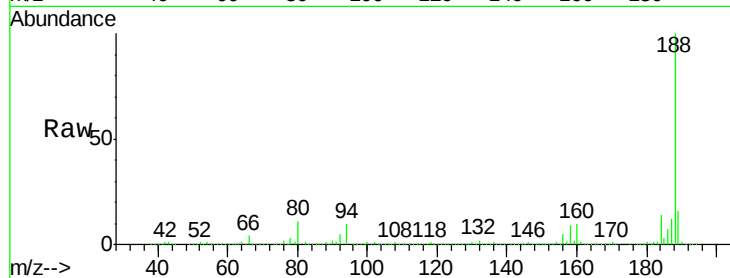




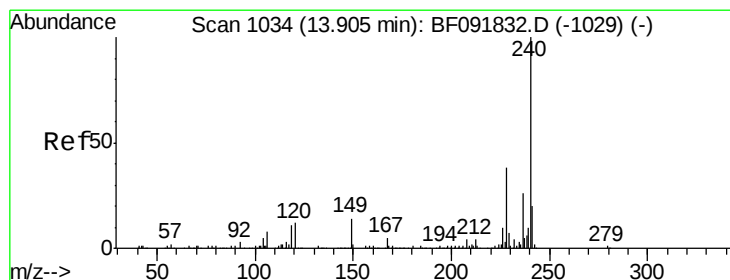
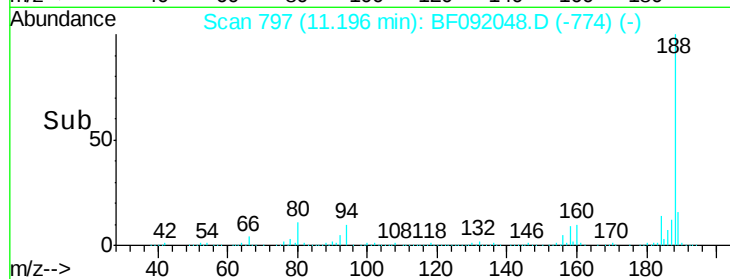
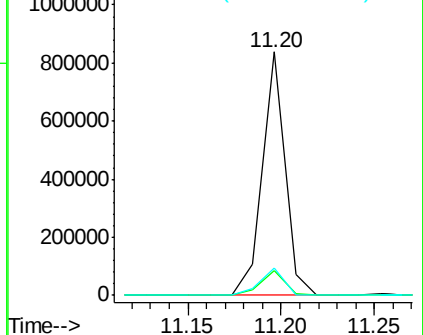
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF092048.D
 Acq: 30 Dec 2016 15:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-26

Tot Ion:188 Resp: 702181
 Ion Ratio Lower Upper
 188 100
 94 10.2 10.0 15.0
 80 11.0 11.2 16.8#

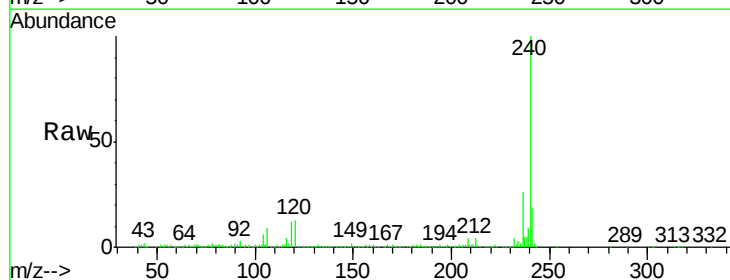


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

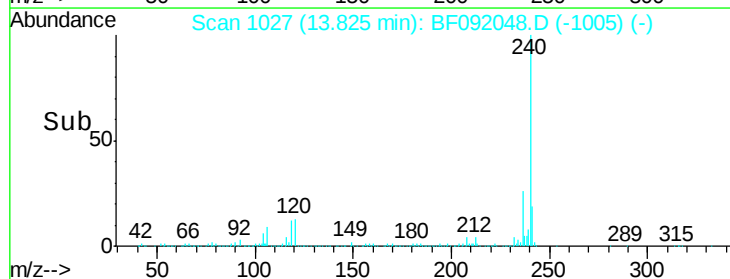
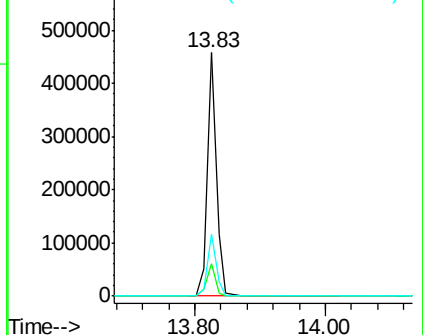


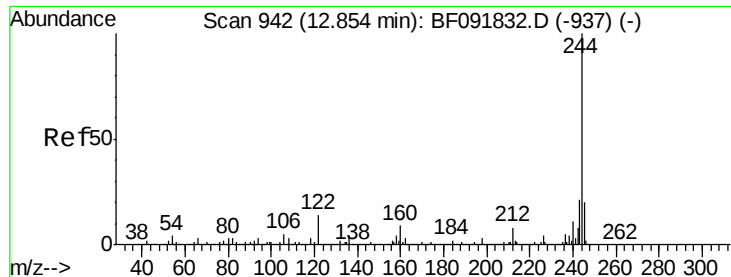
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.05 min
 Lab File: BF092048.D
 Acq: 30 Dec 2016 15:54

Tgt Ion:240 Resp: 440778
 Ion Ratio Lower Upper
 240 100
 120 13.3 12.9 19.3
 236 25.6 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: 94.35 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF092048.D

Acq: 30 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

MW-26

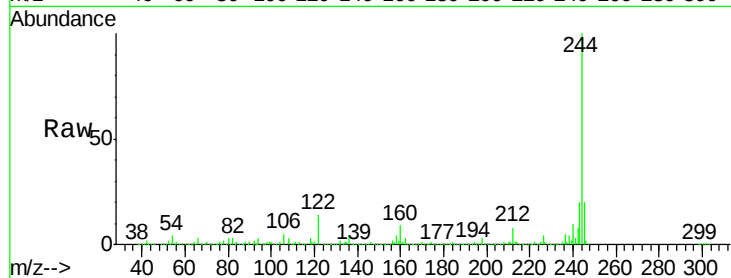
Tot Ion:244 Resp: 1714731

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

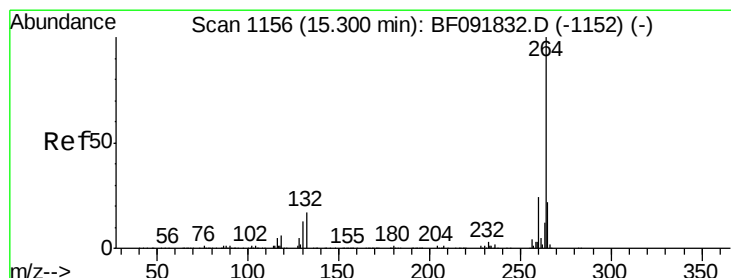
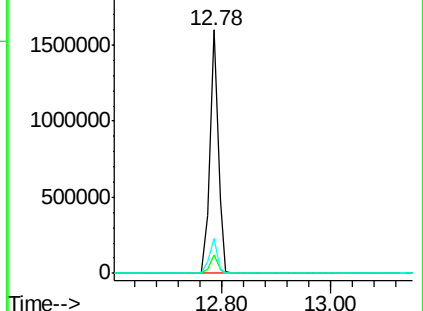
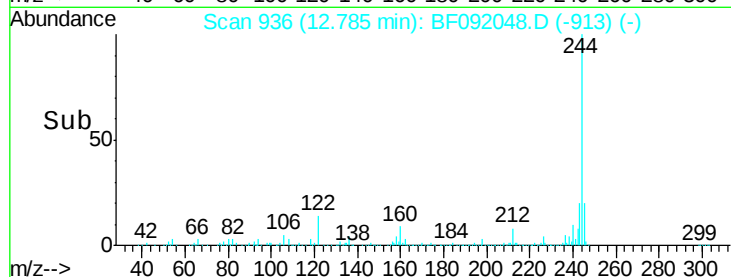
122 14.3 11.4 17.2



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: 15.21 min Scan# 1148

Delta R.T. -0.05 min

Lab File: BF092048.D

Acq: 30 Dec 2016 15:54

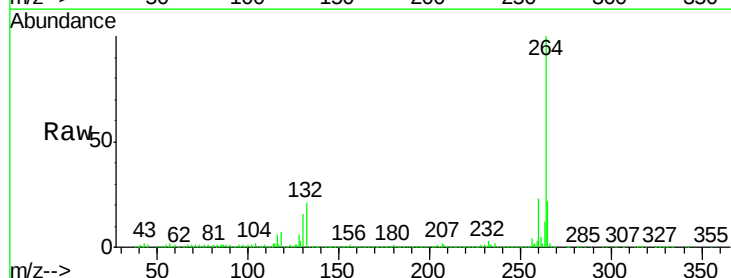
Tgt Ion:264 Resp: 543056

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.6 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

