

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012117\
 Data File : BF092408.D
 Acq On : 21 Jan 2017 12:59
 Operator : UM/SJ
 Sample : I1267-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: Jan 23 01:13:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 23 01:04:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	155924	20.00	ng	-0.01
21) Naphthalene-d8	7.80	136	638305	20.00	ng	-0.01
38) Acenaphthene-d10	9.54	164	348569	20.00	ng	-0.01
63) Phenanthrene-d10	11.02	188	583127	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	514926	20.00	ng	-0.01
86) Perylene-d12	15.00	264	401885	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	495105	53.02	ng	0.01
7) Phenol-d6	6.20	99	418214	36.68	ng	0.00
23) Nitrobenzene-d5	7.09	82	1084002	94.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.34	330	413658	143.40	ng	0.00
44) 2-Fluorobiphenyl	8.88	172	1821618	111.03	ng	0.00
78) Terphenyl-d14	12.62	244	1933855	91.08	ng	0.01

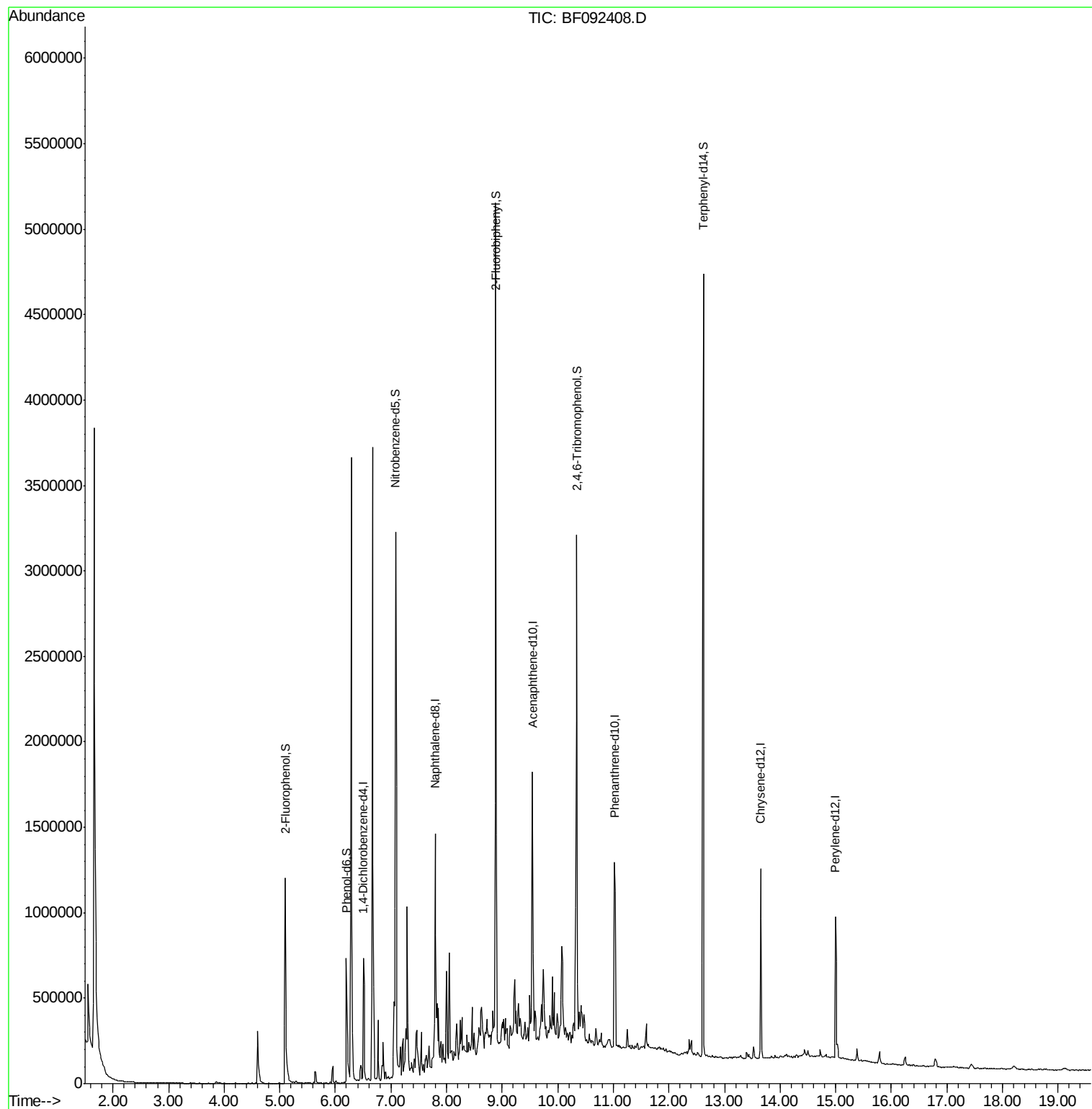
Target Compounds Qvalue

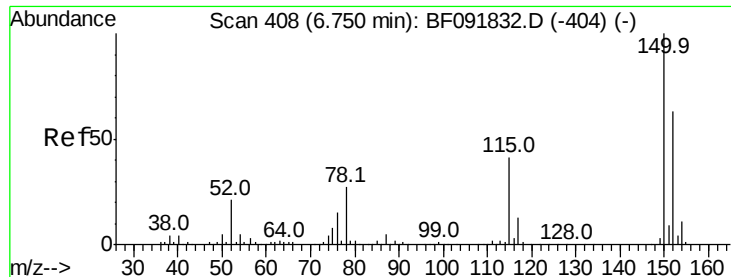
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF092408.D

Acq: 21 Jan 2017 12:59

Instrument :

BNA_F

ClientSampled :

MW-16

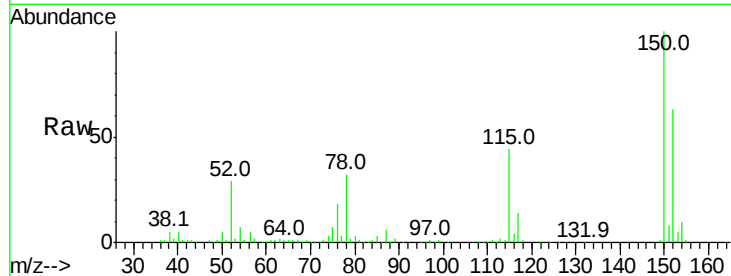
Tot Ion:152 Resp: 155924

Ion Ratio Lower Upper

152 100

150 159.2 124.9 187.3

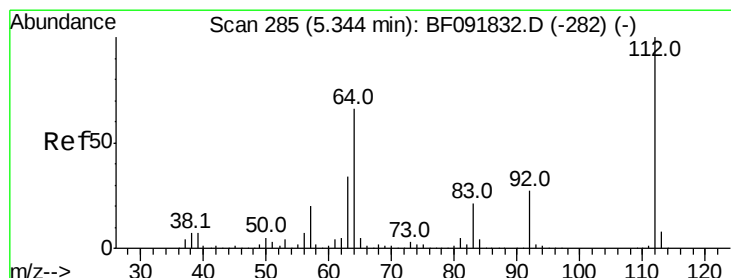
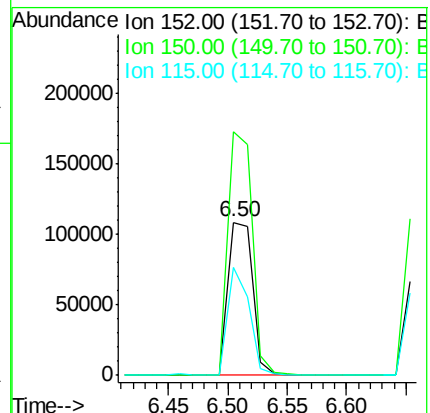
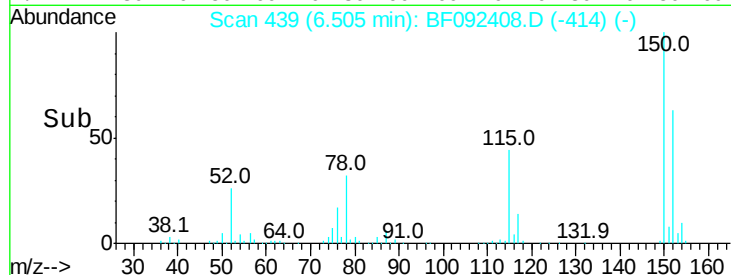
115 70.6 46.0 69.0#



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: 53.02 ng

RT: 5.10 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF092408.D

Acq: 21 Jan 2017 12:59

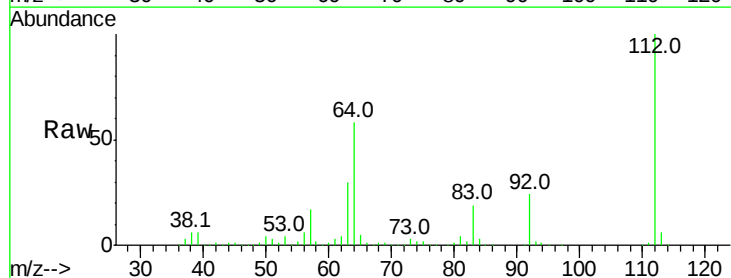
Tgt Ion:112 Resp: 495105

Ion Ratio Lower Upper

112 100

64 57.7 46.1 69.1

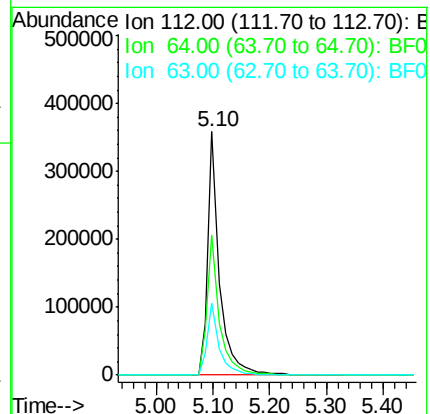
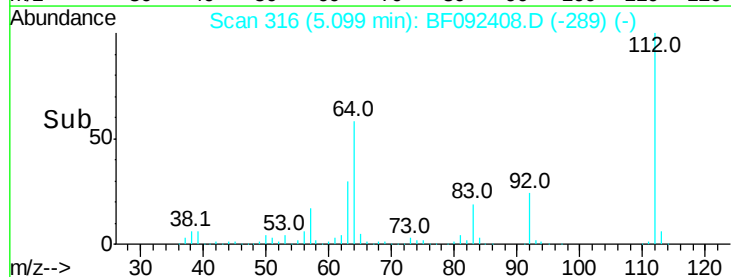
63 29.5 23.8 35.6

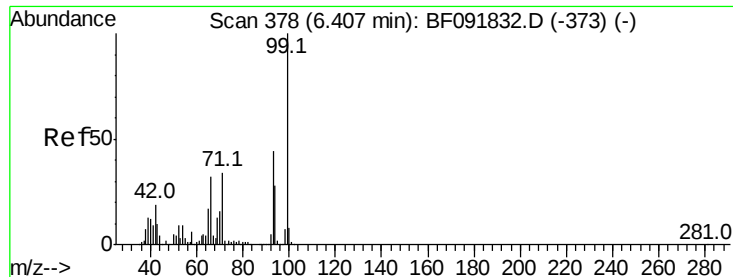


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.68 ng

RT: 6.20 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF092408.D

Acq: 21 Jan 2017 12:59

Instrument :

BNA_F

ClientSampleId :

MW-16

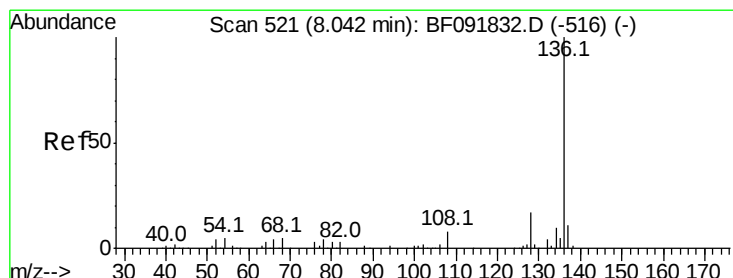
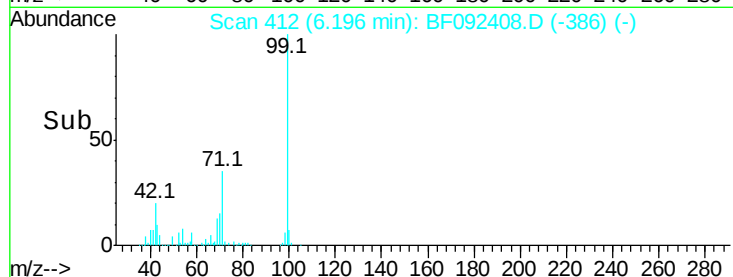
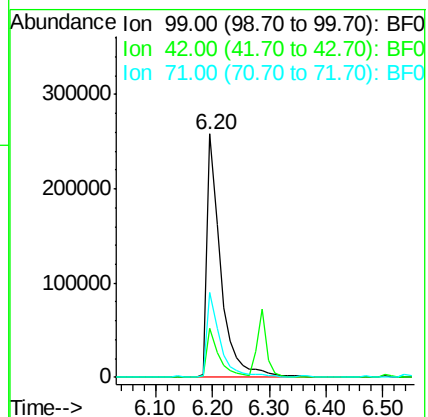
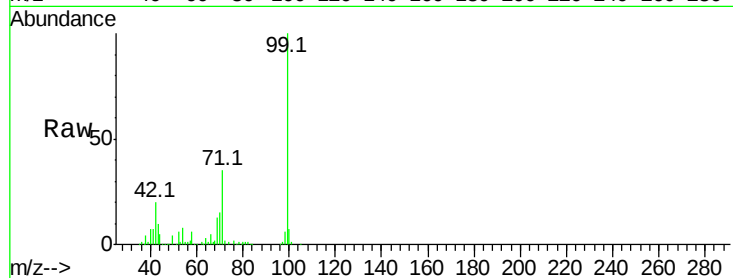
Tot Ion: 99 Resp: 418214

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

71 34.8 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.80 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF092408.D

Acq: 21 Jan 2017 12:59

Tgt Ion: 136 Resp: 638305

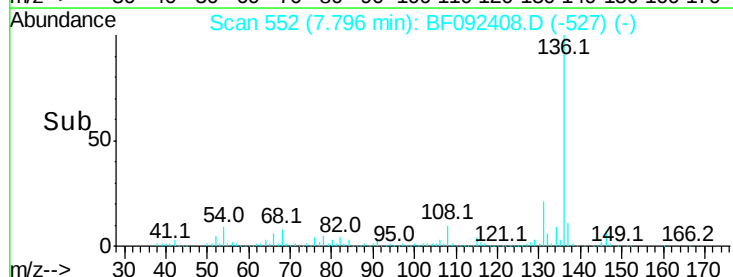
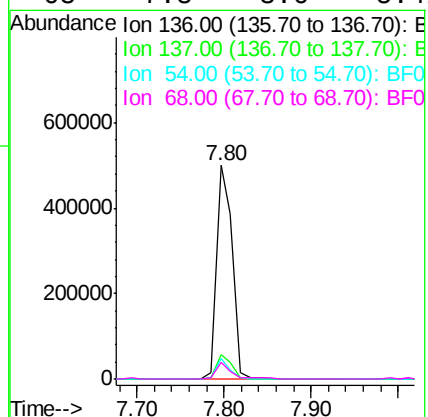
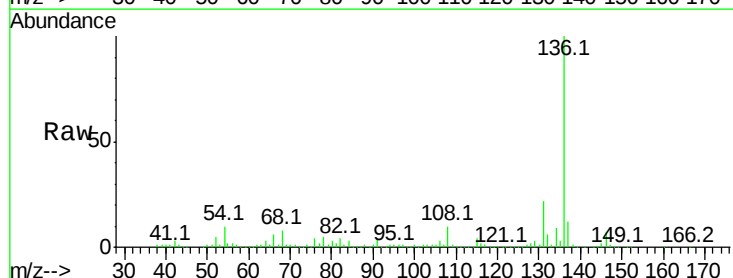
Ion Ratio Lower Upper

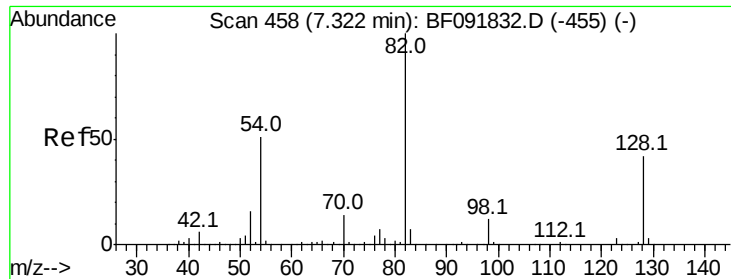
136 100

137 11.5 8.4 12.6

54 9.5 4.5 6.7#

68 7.8 3.6 5.4#



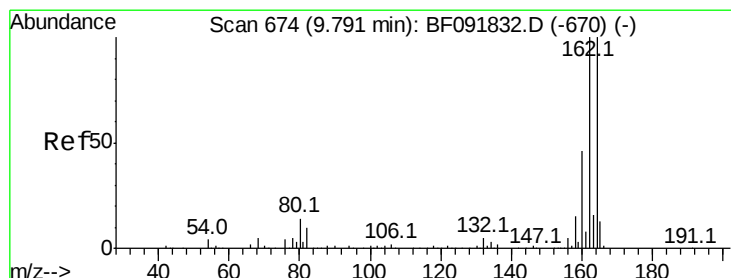
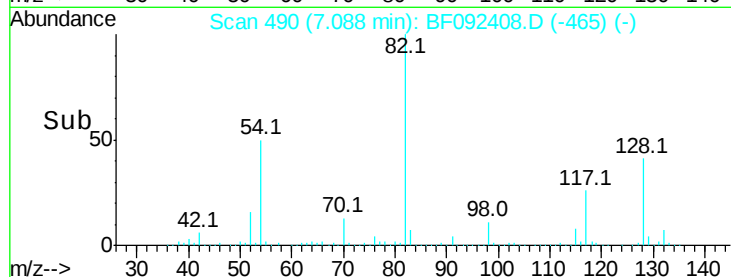
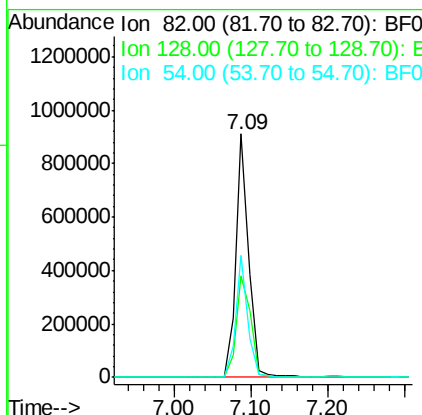
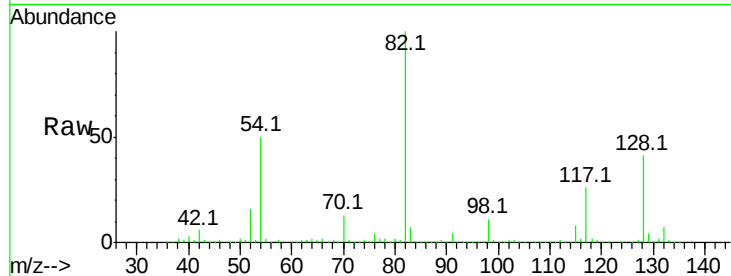


#23
 Nitrobenzene-d5
 Concen: 94.43 ng
 RT: 7.09 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF092408.D
 Acq: 21 Jan 2017 12:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tot Ion: 82 Resp: 1084002

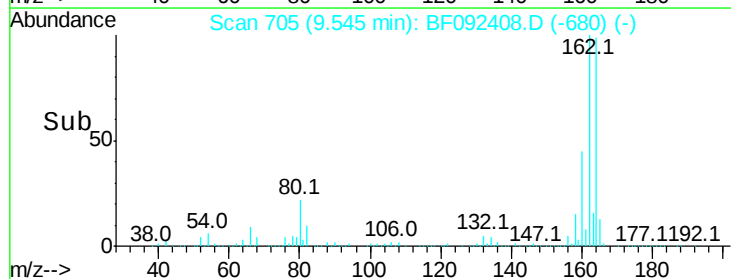
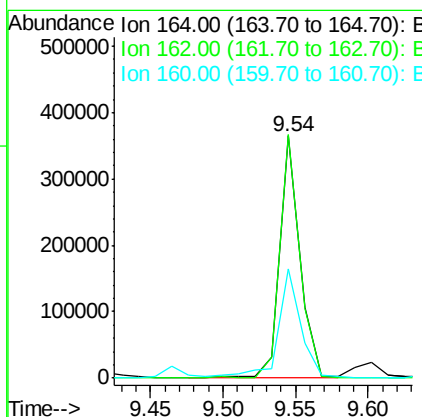
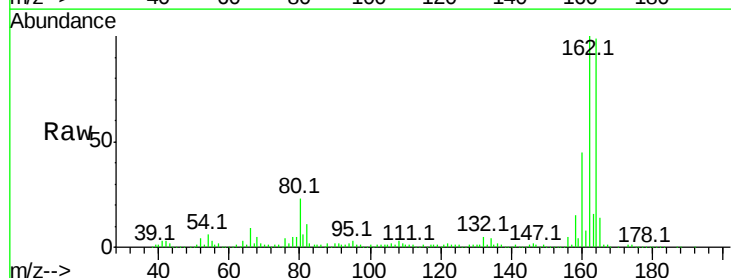
Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	52.0
54	50.1	39.5	59.3

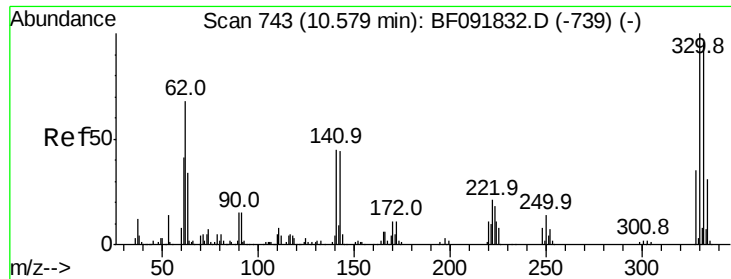


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF092408.D
 Acq: 21 Jan 2017 12:59

Tgt Ion:164 Resp: 348569

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.2	120.2
160	45.1	36.9	55.3

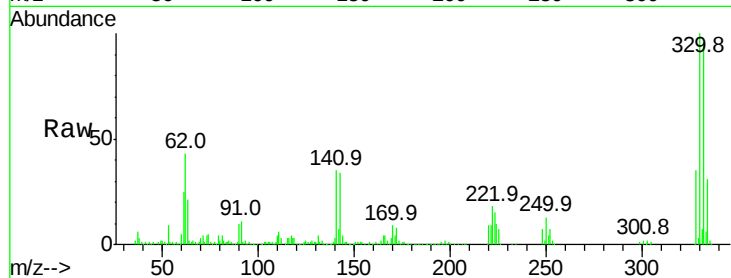




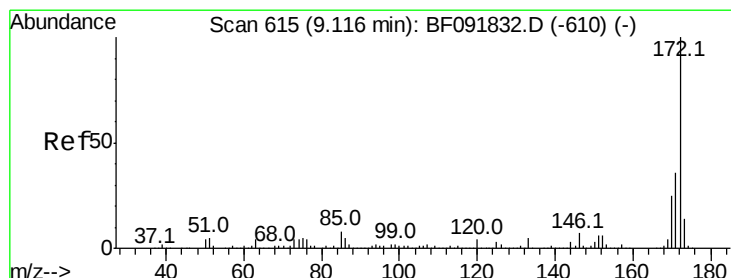
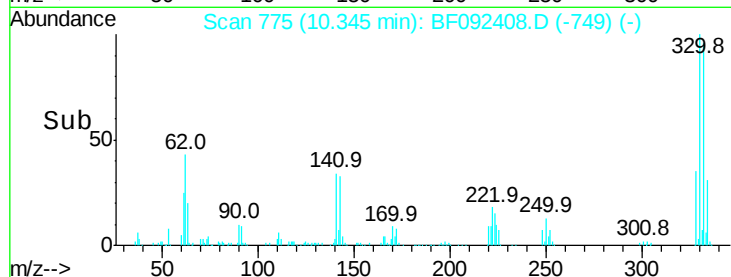
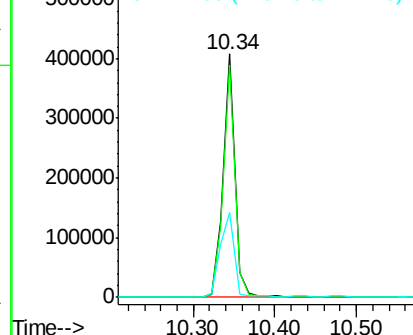
#41
 2,4,6-Tribromophenol
 Concen: 143.40 ng
 RT: 10.34 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF092408.D
 Acq: 21 Jan 2017 12:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tot Ion:330 Resp: 413658
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 41.0 34.1 51.1

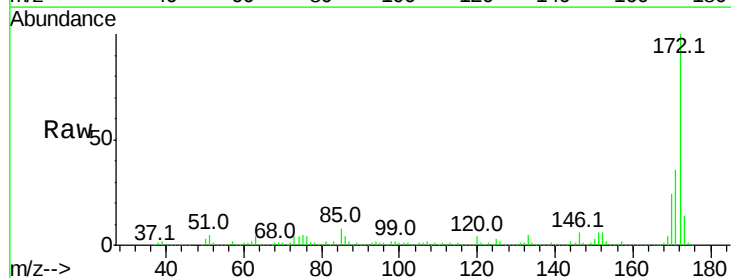


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

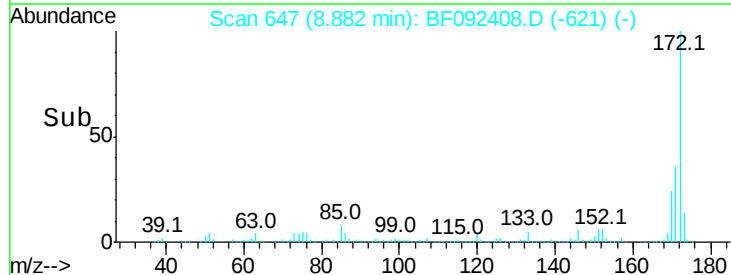
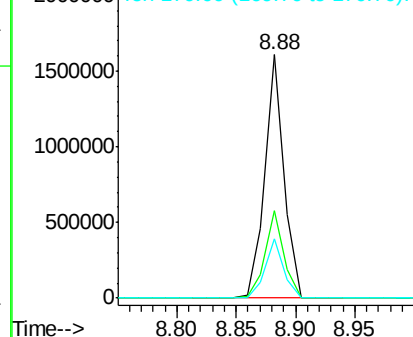


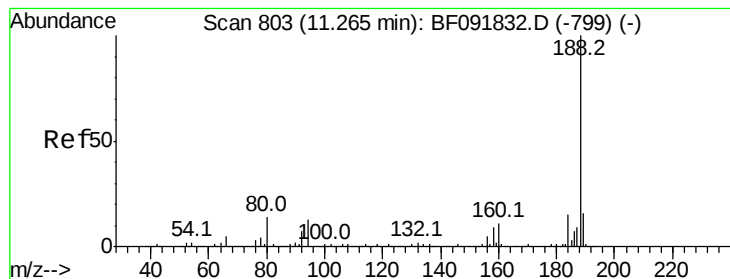
#44
 2-Fluorobiphenyl
 Concen: 111.03 ng
 RT: 8.88 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF092408.D
 Acq: 21 Jan 2017 12:59

Tgt Ion:172 Resp: 1821618
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.2 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: 11.02 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF092408.D

Acq: 21 Jan 2017 12:59

Instrument :

BNA_F

ClientSampled :

MW-16

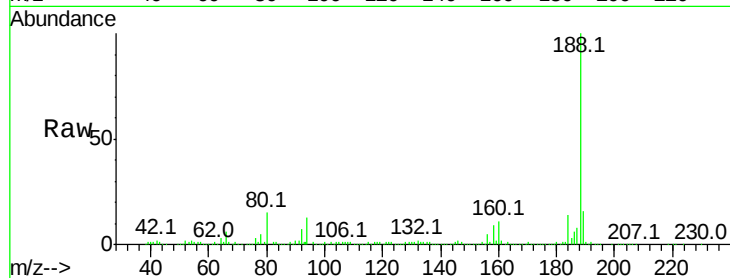
Tot Ion:188 Resp: 583127

Ion Ratio Lower Upper

188 100

94 13.2 10.0 15.0

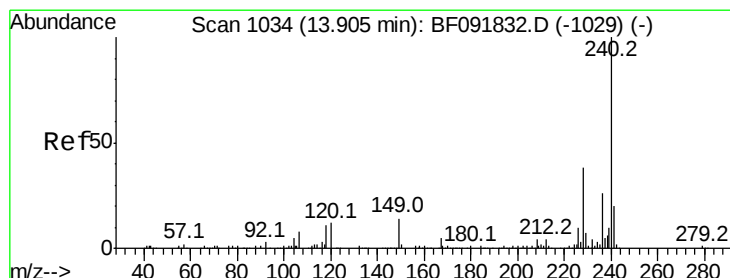
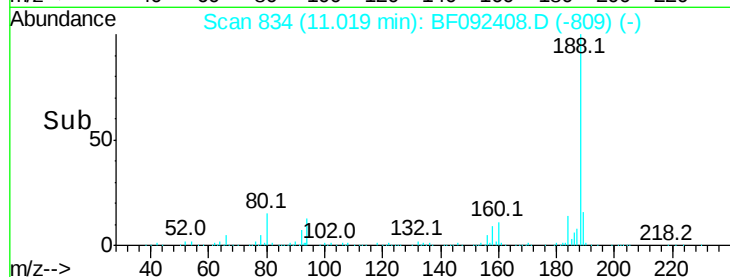
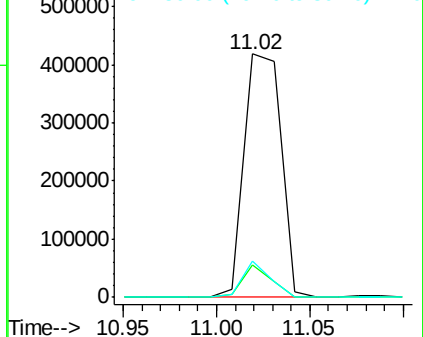
80 15.1 11.2 16.8



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: 13.65 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF092408.D

Acq: 21 Jan 2017 12:59

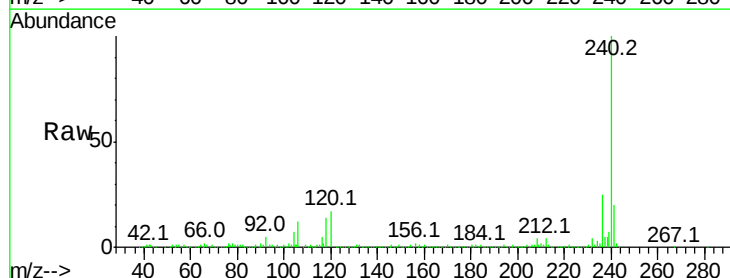
Tgt Ion:240 Resp: 514926

Ion Ratio Lower Upper

240 100

120 16.9 12.9 19.3

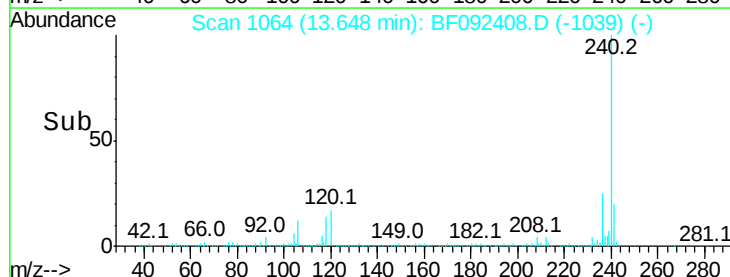
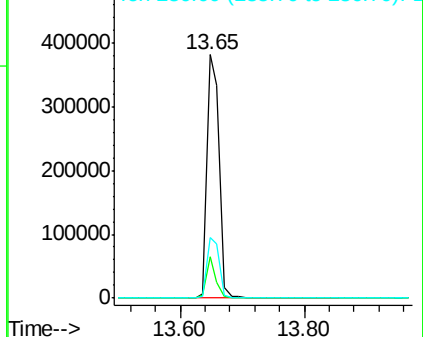
236 25.0 20.9 31.3

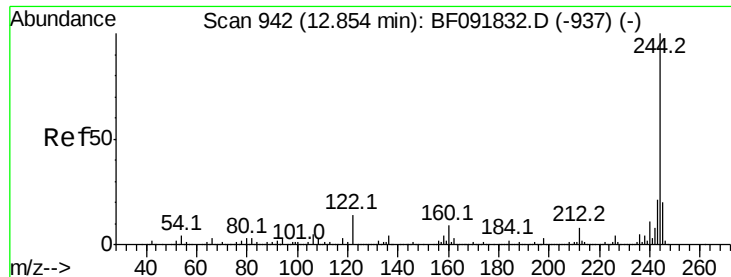


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.08 ng

RT: 12.62 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF092408.D

Acq: 21 Jan 2017 12:59

Instrument :

BNA_F

ClientSampleId :

MW-16

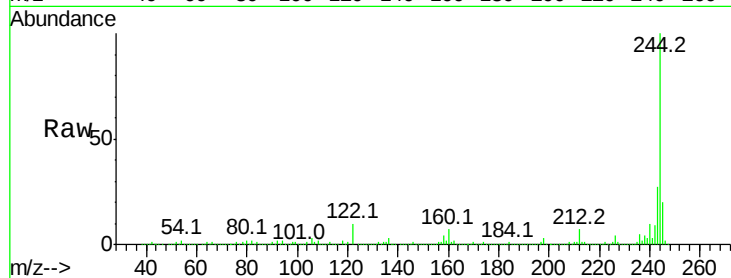
Tot Ion:244 Resp: 1933855

Ion Ratio Lower Upper

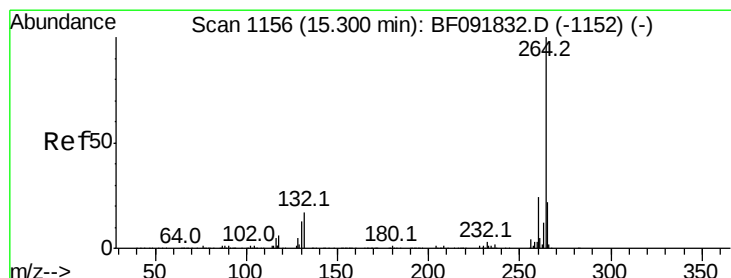
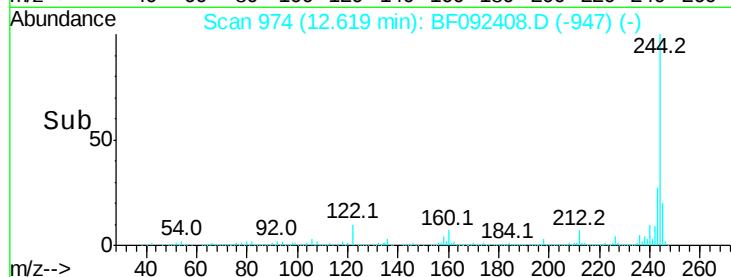
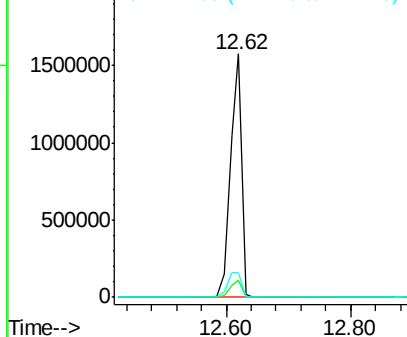
244 100

212 7.2 6.2 9.2

122 10.1 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: 15.00 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF092408.D

Acq: 21 Jan 2017 12:59

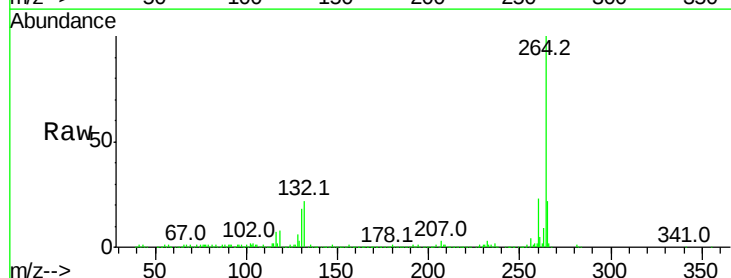
Tgt Ion:264 Resp: 401885

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 22.2 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

