

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090407.D
 Acq On : 6 Oct 2016 3:54
 Operator : UM/SJ
 Sample : PB93791BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93791BL

Quant Time: Oct 06 06:49:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	240069	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1009767	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	523884	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	785828	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	602326	20.00	ng	-0.01
86) Perylene-d12	15.69	264	384434	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1940745	120.65	ng	0.01
7) Phenol-d6	6.62	99	2503357	118.82	ng	0.00
23) Nitrobenzene-d5	7.56	82	1641782	79.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	585521	137.45	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2654077	84.41	ng	-0.01
78) Terphenyl-d14	13.14	244	2782643	103.86	ng	0.00

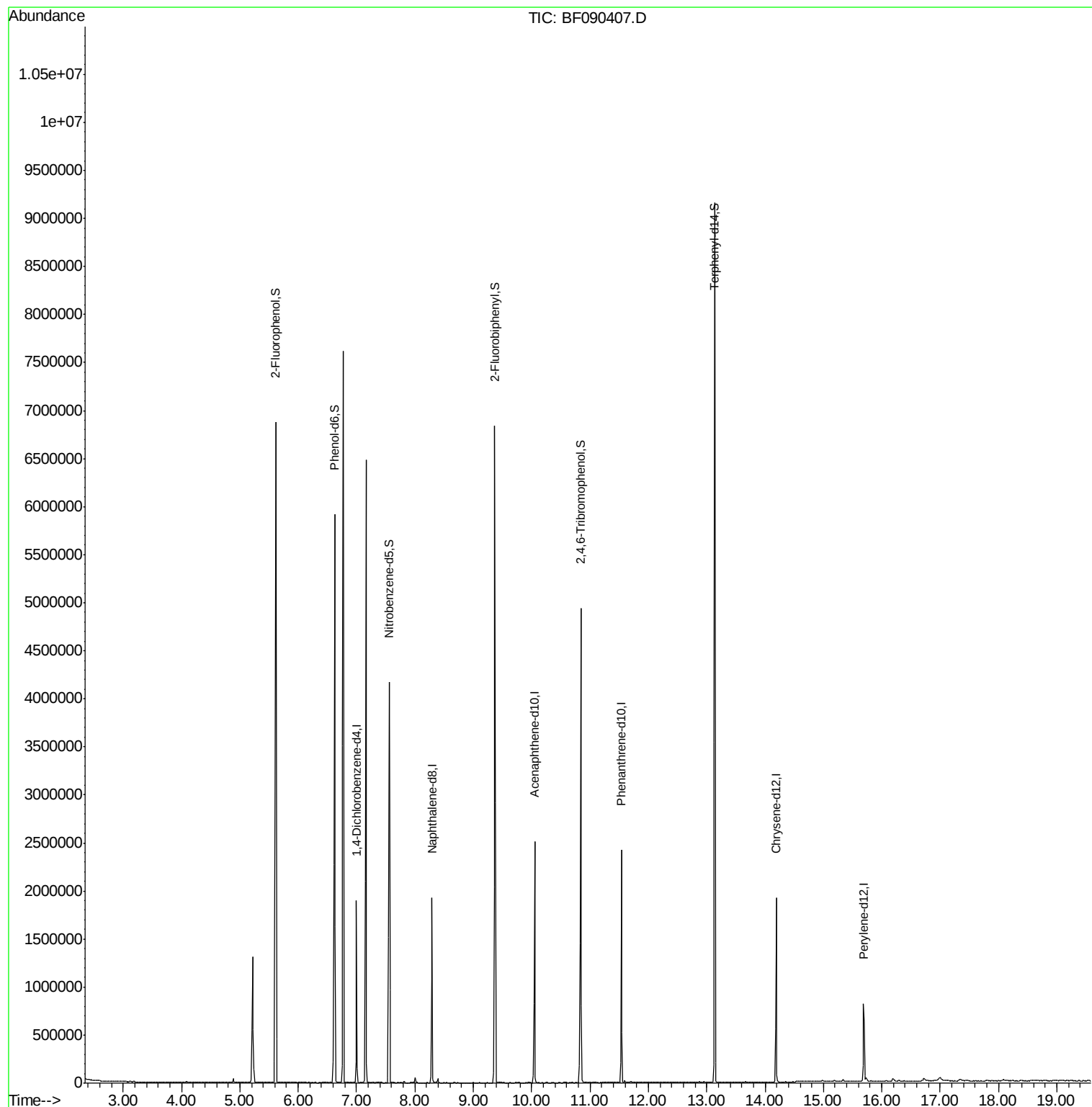
Target Compounds Qvalue

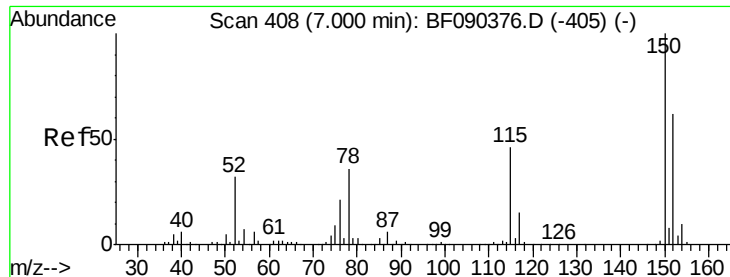
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090407.D

Acq: 6 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB93791BL

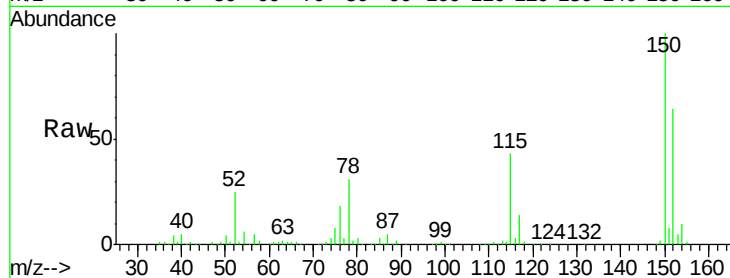
Tot Ion:152 Resp: 240069

Ion Ratio Lower Upper

152 100

150 156.7 124.6 186.8

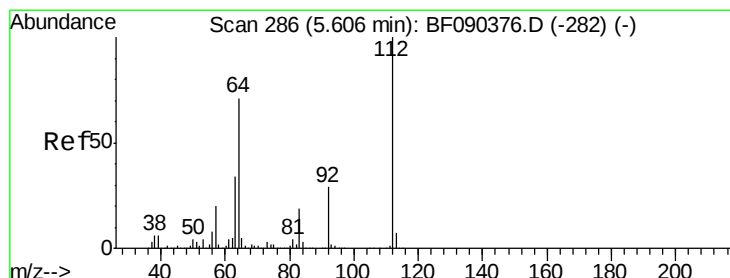
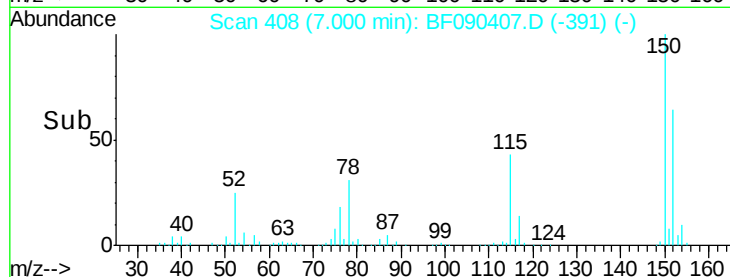
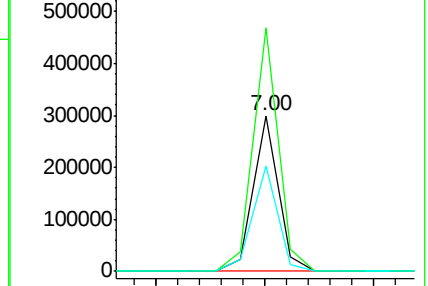
115 67.7 46.2 69.4



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: 120.65 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090407.D

Acq: 6 Oct 2016 3:54

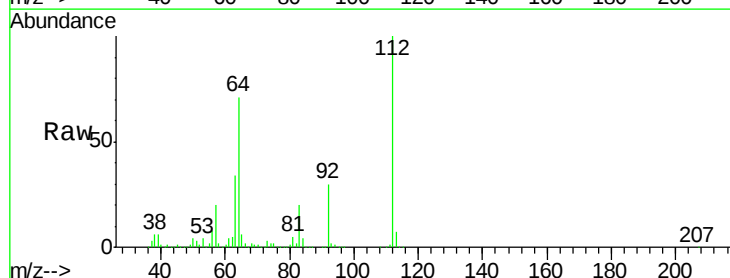
Tgt Ion:112 Resp: 1940745

Ion Ratio Lower Upper

112 100

64 70.6 57.9 86.9

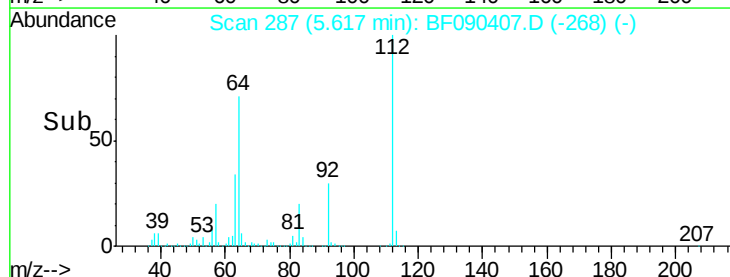
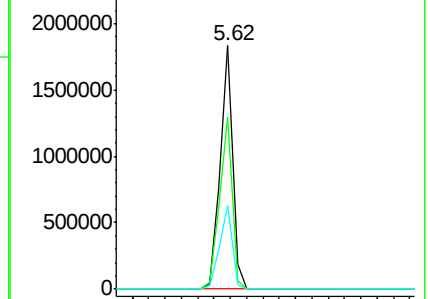
63 34.4 29.6 44.4



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: 118.82 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090407.D

Acq: 6 Oct 2016 3:54

Instrument :

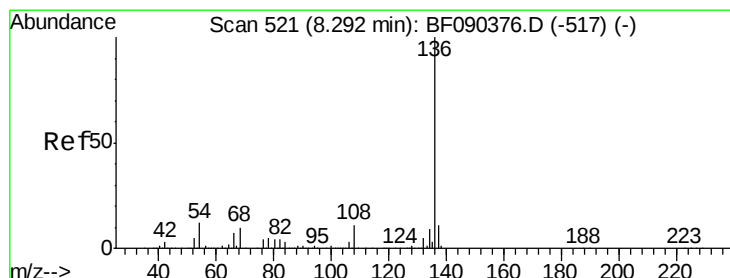
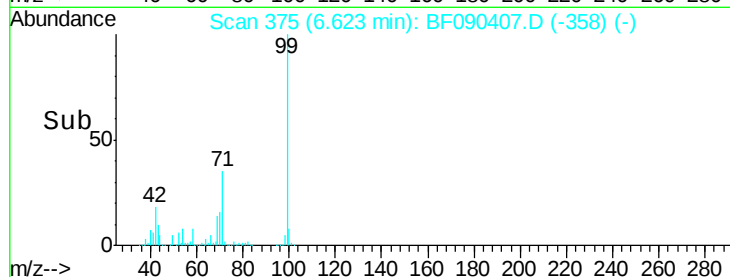
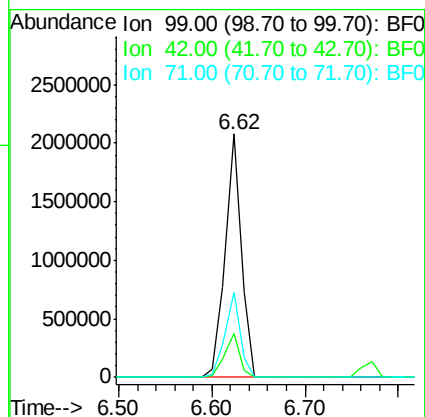
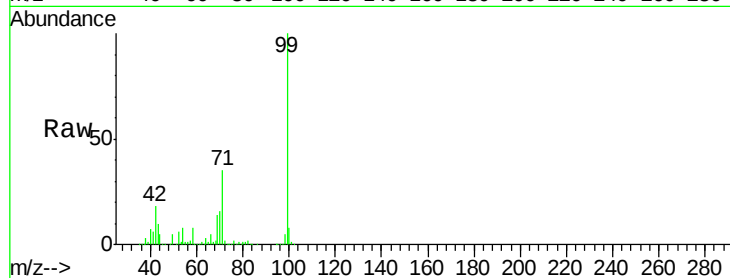
BNA_F

ClientSampleId :

PB93791BL

Tot Ion: 99 Resp: 2503357

Ion	Ratio	Lower	Upper
99	100		
42	18.2	20.0	30.0#
71	34.6	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

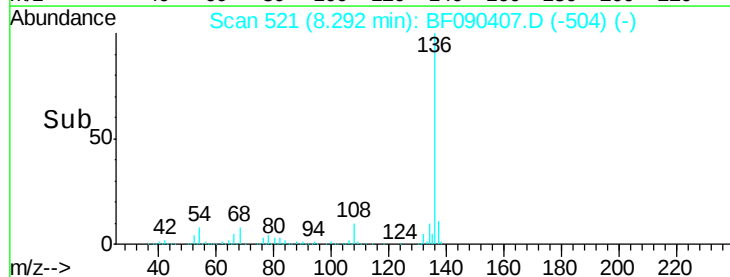
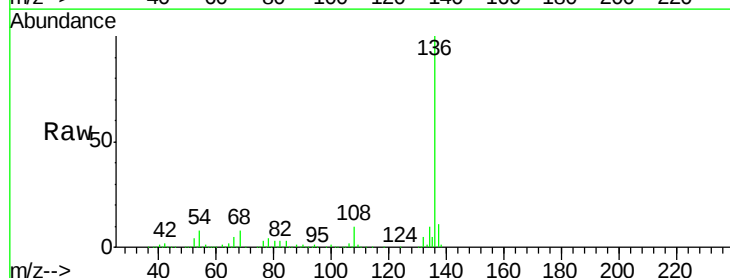
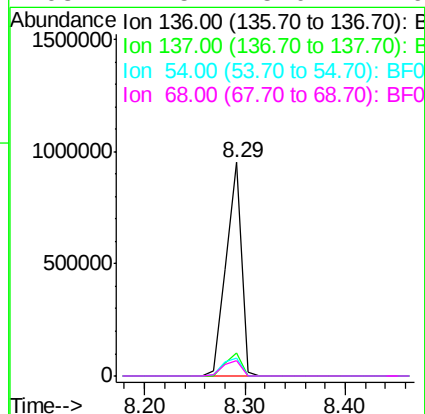
Delta R.T. -0.00 min

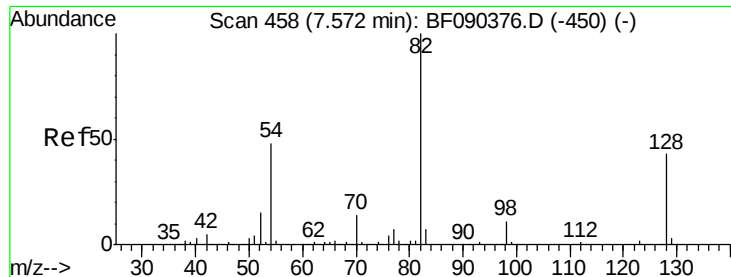
Lab File: BF090407.D

Acq: 6 Oct 2016 3:54

Tgt Ion: 136 Resp: 1009767

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	8.5	6.6	10.0
68	7.5	5.0	7.6



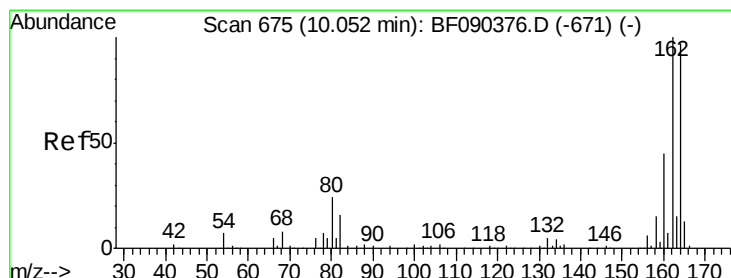
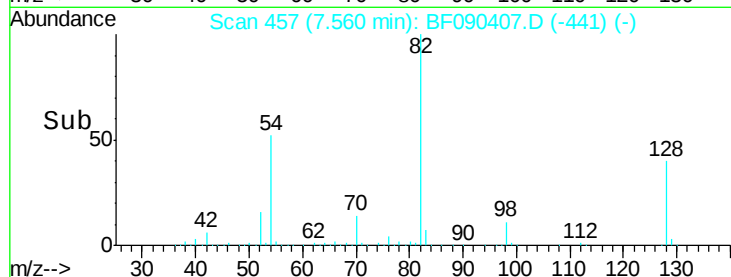
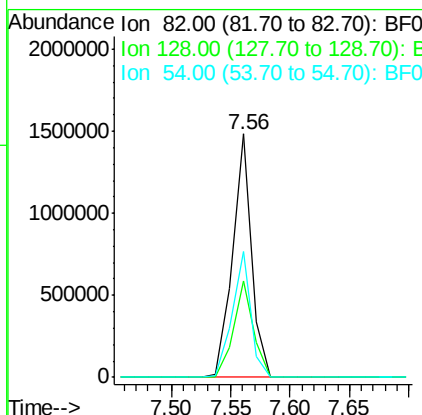
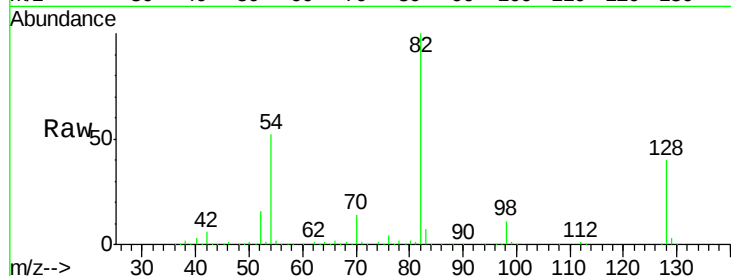


#23
 Nitrobenzene-d5
 Concen: 79.09 ng
 RT: 7.56 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090407.D
 Acq: 6 Oct 2016 3:54

Instrument :
 BNA_F
 ClientSampleID :
 PB93791BL

Tot Ion: 82 Resp: 1641782

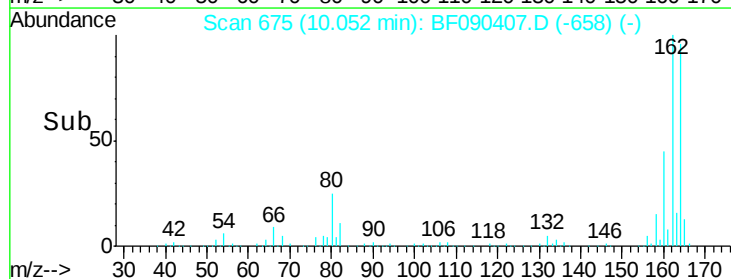
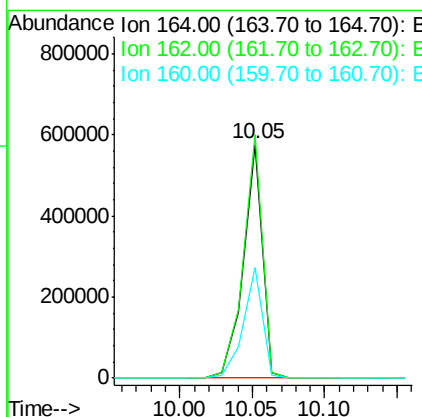
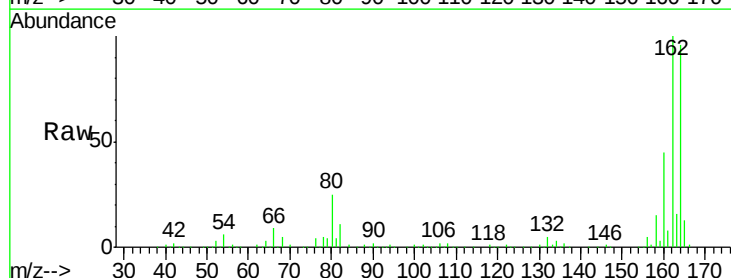
Ion	Ratio	Lower	Upper
82	100		
128	39.7	40.0	60.0#
54	51.5	42.6	64.0

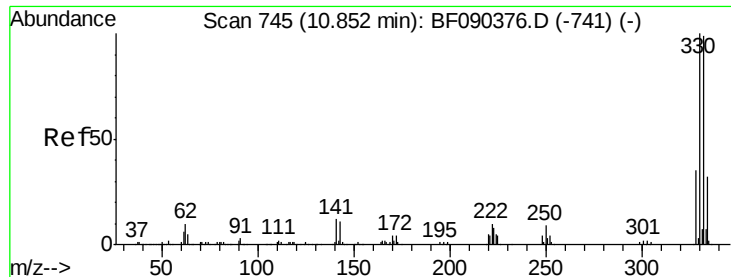


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.05 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF090407.D
 Acq: 6 Oct 2016 3:54

Tgt Ion: 164 Resp: 523884

Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.1	120.1
160	47.1	36.3	54.5

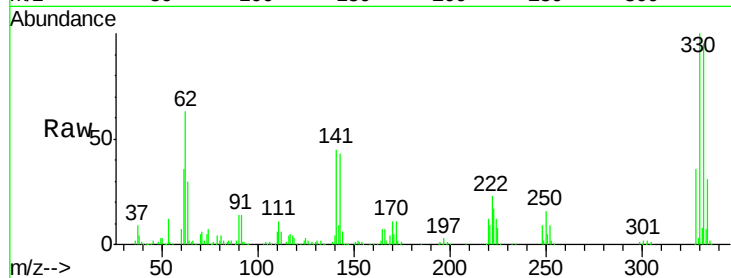




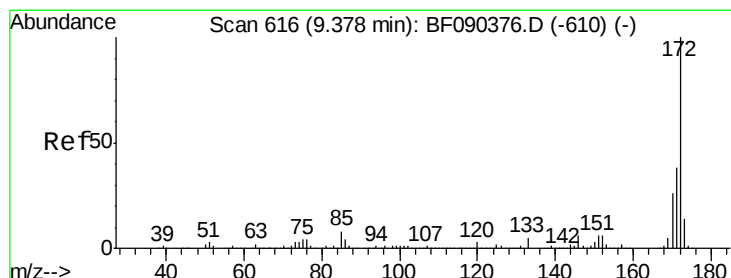
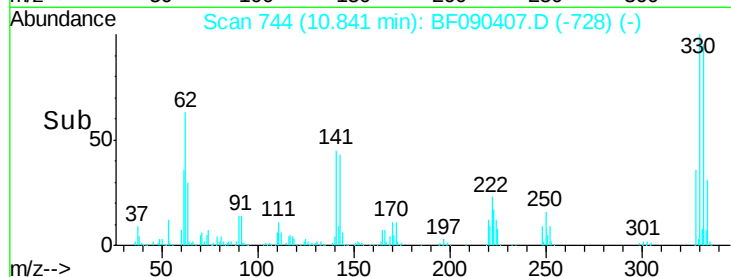
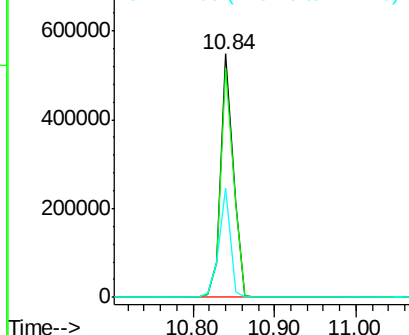
#41
 2,4,6-Tribromophenol
 Concen: 137.45 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090407.D
 Acq: 6 Oct 2016 3:54

Instrument :
 BNA_F
 ClientSampleId :
 PB93791BL

Tot Ion:330 Resp: 585521
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.4 113.0
 141 41.1 26.9 40.3#

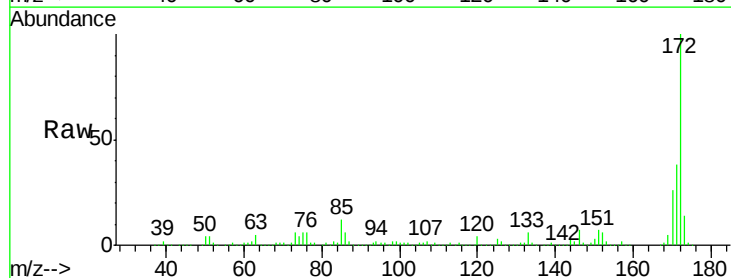


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

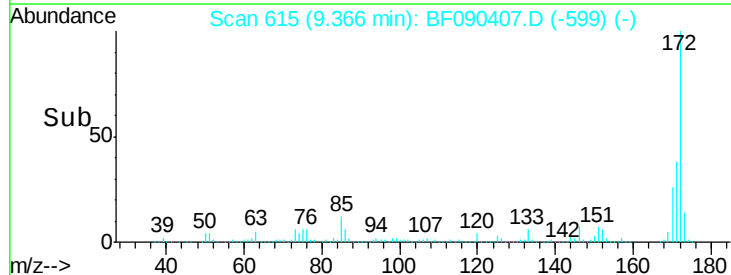
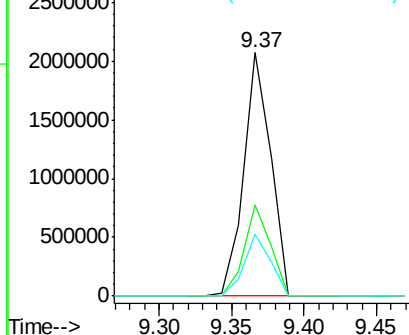


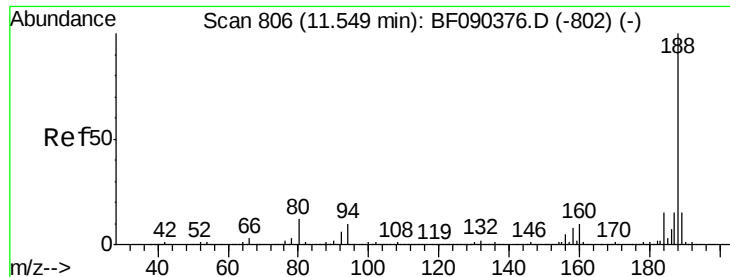
#44
 2-Fluorobiphenyl
 Concen: 84.41 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090407.D
 Acq: 6 Oct 2016 3:54

Tgt Ion:172 Resp: 2654077
 Ion Ratio Lower Upper
 172 100
 171 37.7 31.8 47.8
 170 25.5 21.7 32.5



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

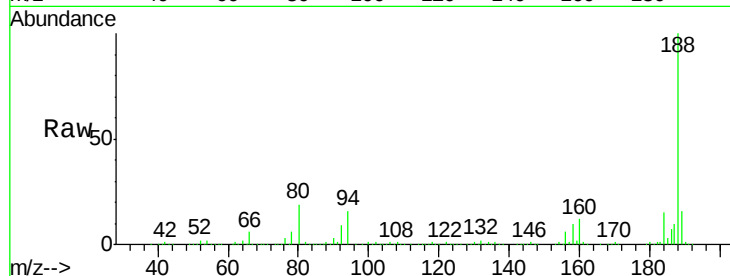




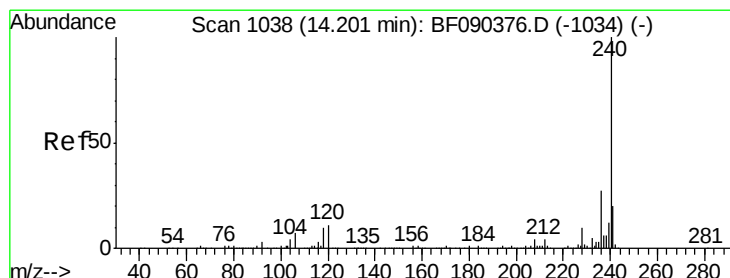
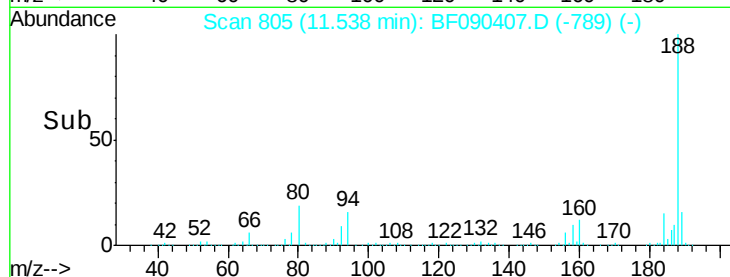
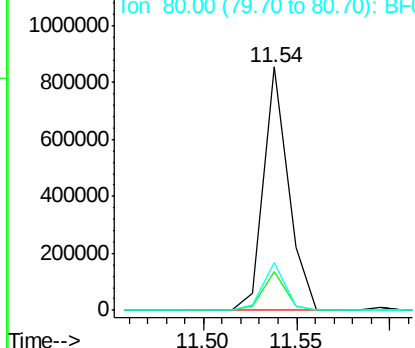
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090407.D
Acq: 6 Oct 2016 3:54

Instrument :
BNA_F
ClientSampled :
PB93791BL

Tot Ion:188 Resp: 785828
Ion Ratio Lower Upper
188 100
94 16.2 8.2 12.2#
80 19.4 8.8 13.2#

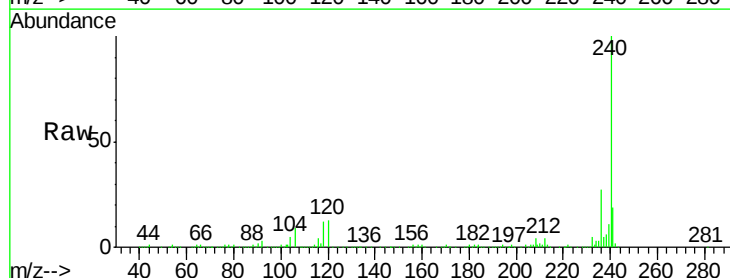


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

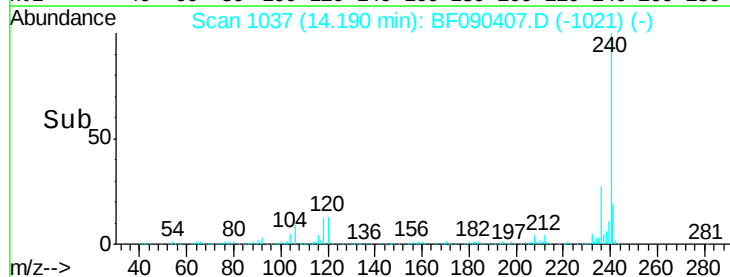
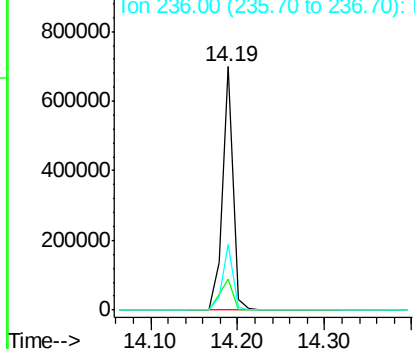


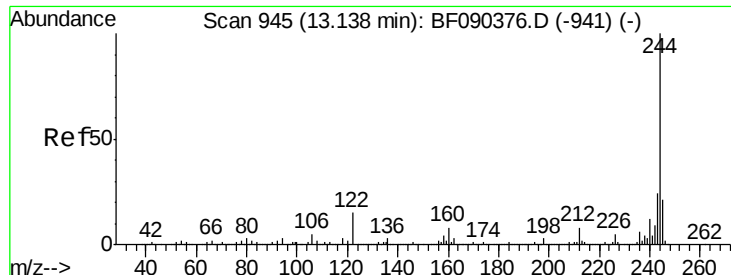
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF090407.D
Acq: 6 Oct 2016 3:54

Tgt Ion:240 Resp: 602326
Ion Ratio Lower Upper
240 100
120 13.1 8.6 13.0#
236 27.2 21.6 32.4



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: 103.86 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090407.D

Acq: 6 Oct 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PB93791BL

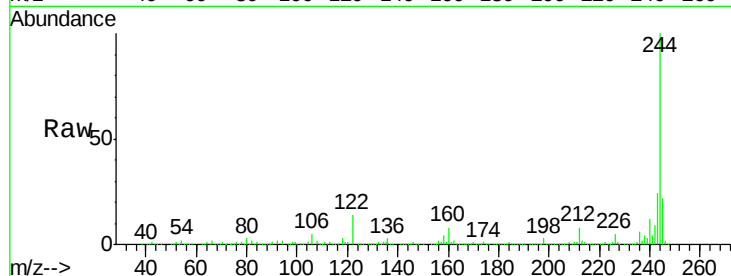
Tot Ion:244 Resp: 2782643

Ion Ratio Lower Upper

244 100

212 7.8 6.8 10.2

122 14.1 13.3 19.9

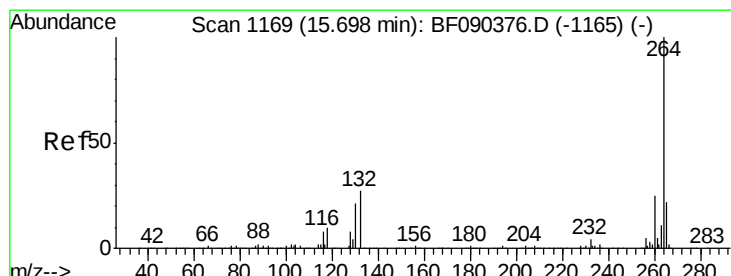
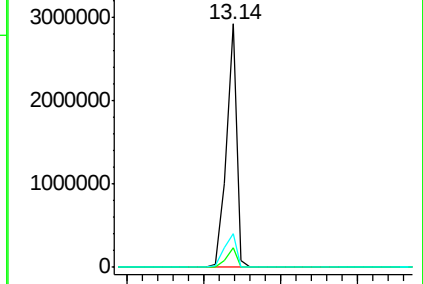
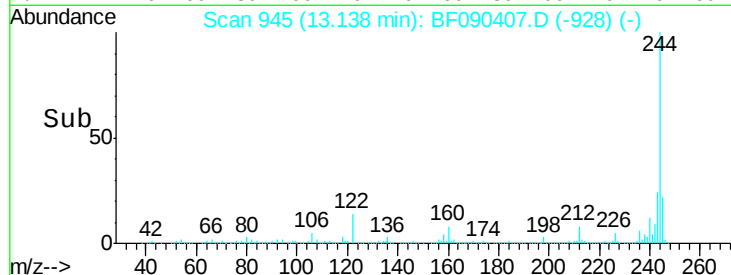


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.69 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF090407.D

Acq: 6 Oct 2016 3:54

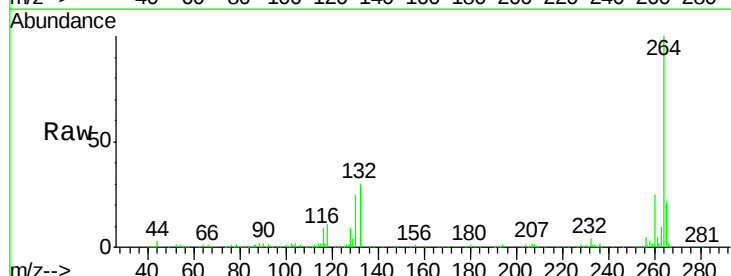
Tgt Ion:264 Resp: 384434

Ion Ratio Lower Upper

264 100

260 25.1 19.3 28.9

265 21.1 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

Time-->

