

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
 Data File : BF090424.D
 Acq On : 6 Oct 2016 18:04
 Operator : UM/SJ
 Sample : PB93820BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BL

Quant Time: Oct 06 19:22:34 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	209437	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	872414	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	448437	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	849706	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	726720	20.00	ng	-0.01
86) Perylene-d12	15.69	264	611190	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1860379	132.57	ng	0.00
7) Phenol-d6	6.62	99	2716946	147.83	ng	0.00
23) Nitrobenzene-d5	7.56	82	1821175	101.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	709932	194.69	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2761659	102.61	ng	-0.01
78) Terphenyl-d14	13.14	244	3310290	102.41	ng	0.00

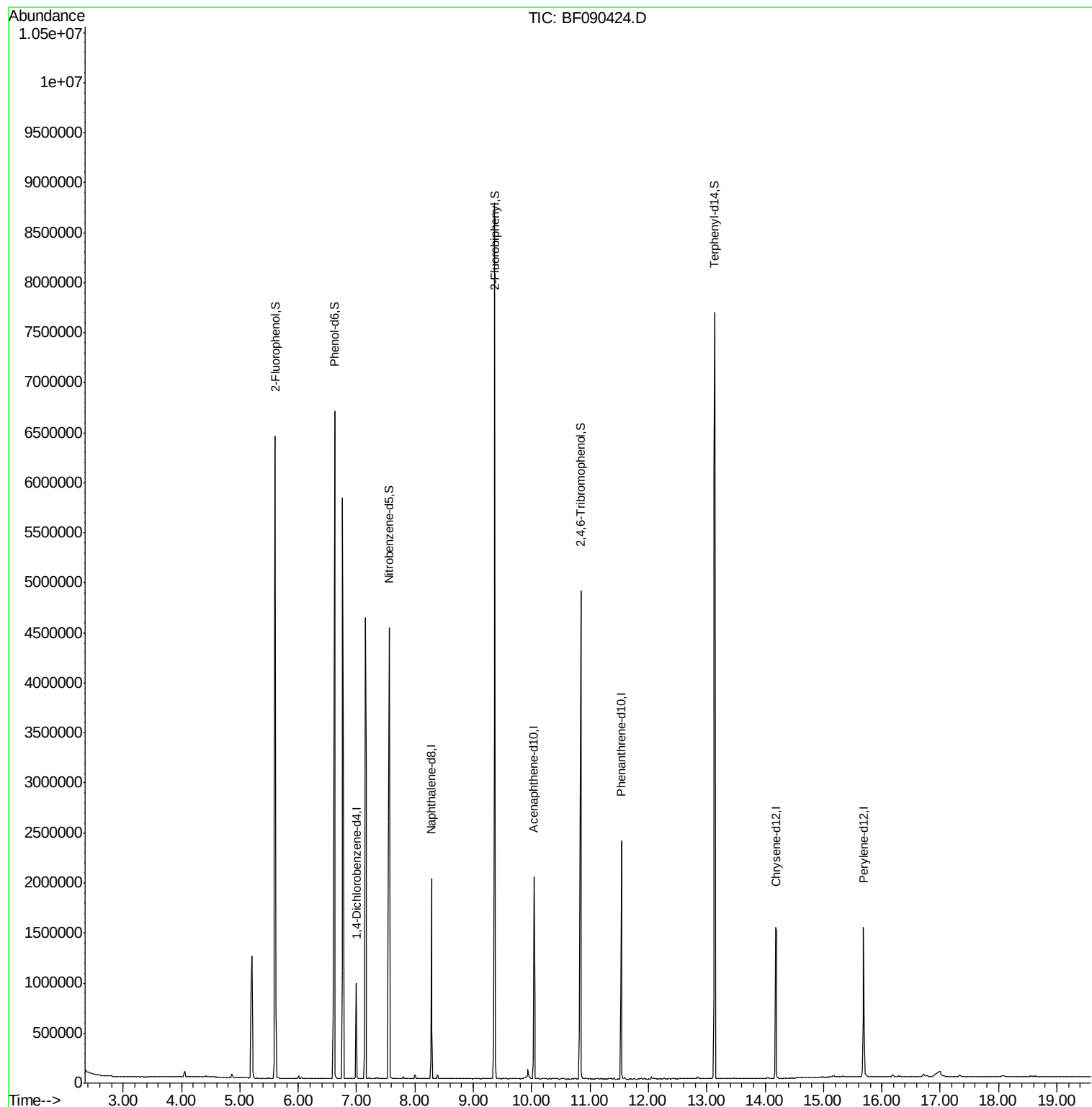
Target Compounds Qvalue

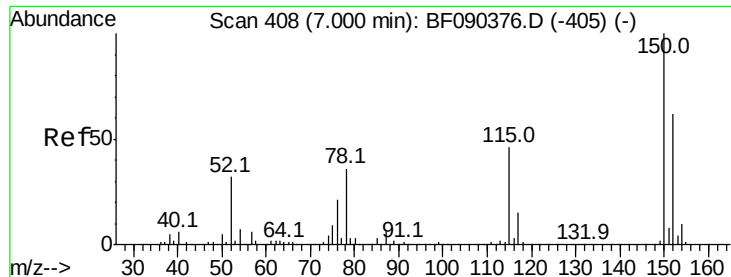
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090424.D

Acq: 6 Oct 2016 18:04

Instrument :

BNA_F

ClientSampleId :

PB93820BL

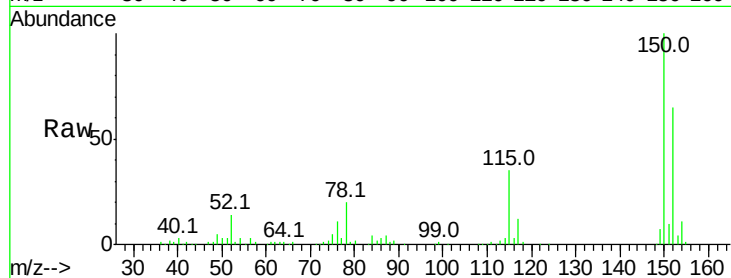
Tot Ion:152 Resp: 209437

Ion Ratio Lower Upper

152 100

150 152.9 124.6 186.8

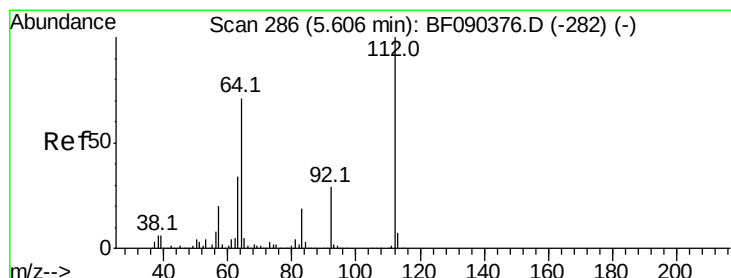
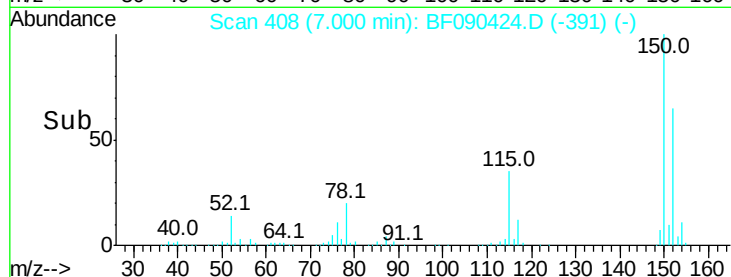
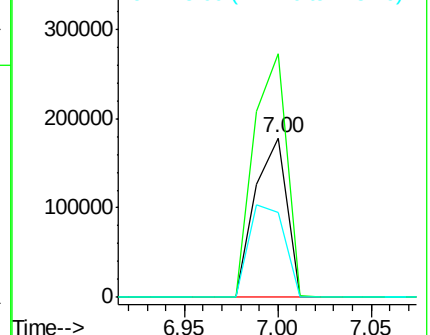
115 53.0 46.2 69.4



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: 132.57 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090424.D

Acq: 6 Oct 2016 18:04

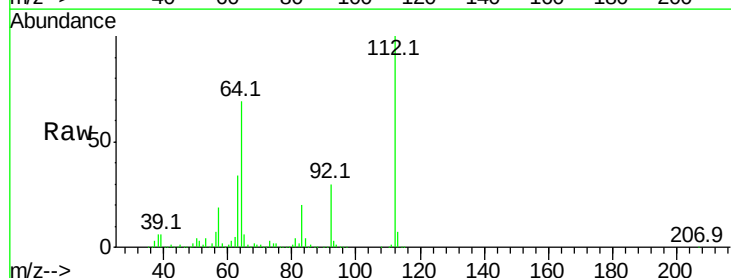
Tgt Ion:112 Resp: 1860379

Ion Ratio Lower Upper

112 100

64 69.5 57.9 86.9

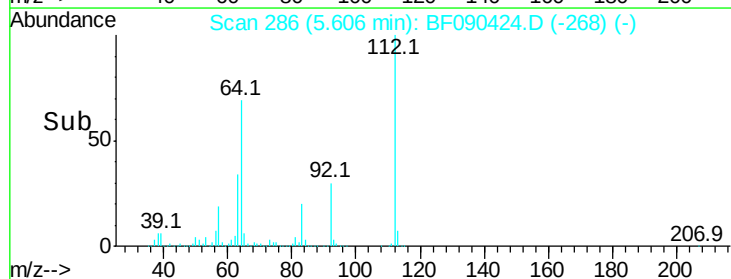
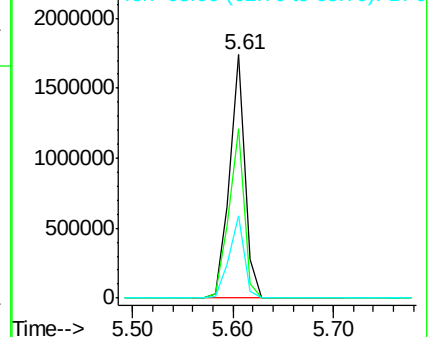
63 33.8 29.6 44.4

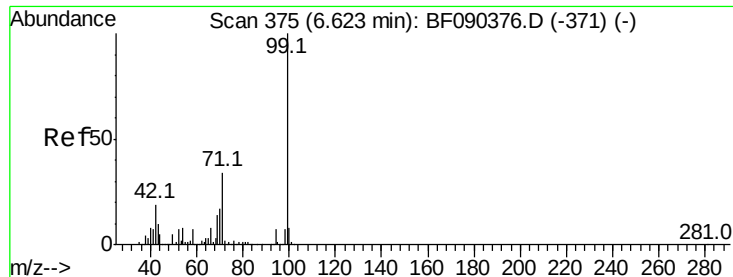


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 147.83 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090424.D

Acq: 6 Oct 2016 18:04

Instrument :

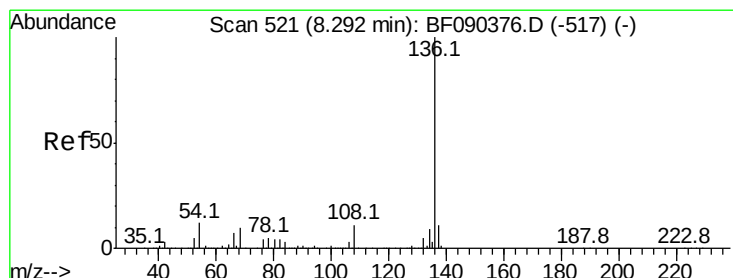
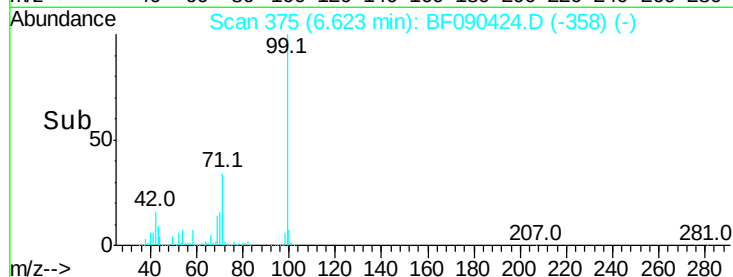
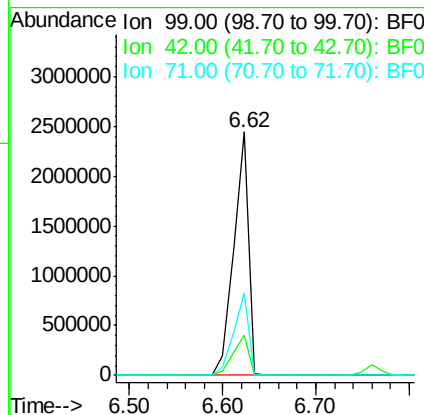
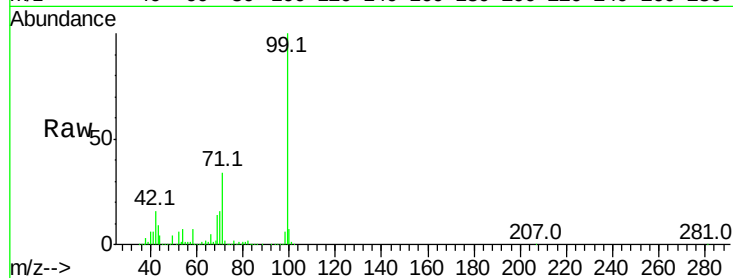
BNA_F

ClientSampleId :

PB93820BL

Tot Ion: 99 Resp: 2716946

Ion	Ratio	Lower	Upper
99	100		
42	16.3	20.0	30.0#
71	33.7	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 520

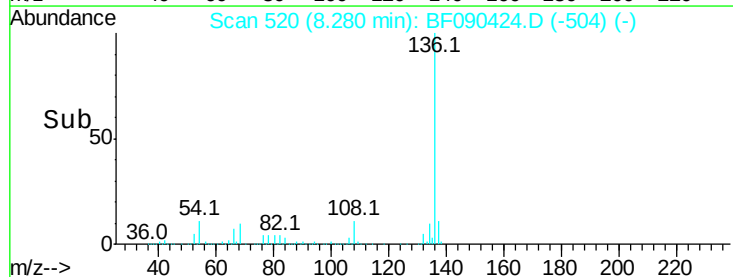
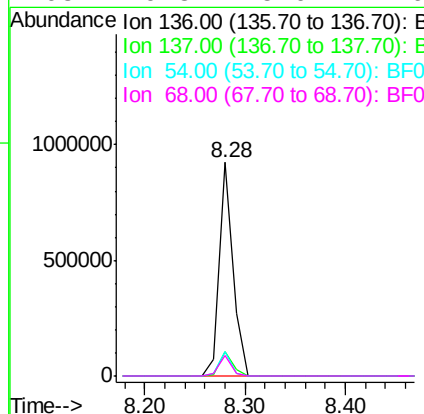
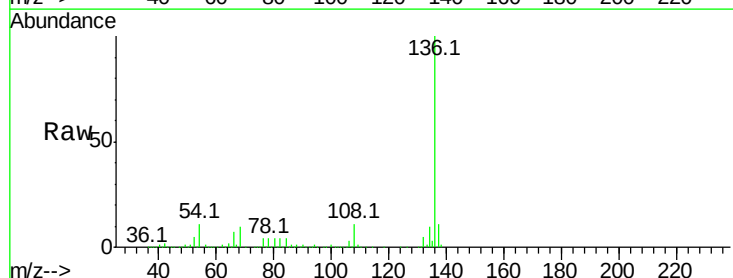
Delta R.T. -0.01 min

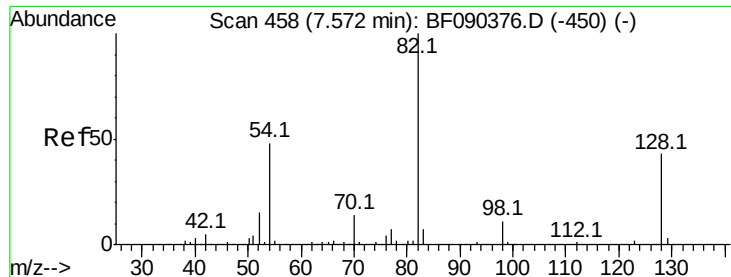
Lab File: BF090424.D

Acq: 6 Oct 2016 18:04

Tgt Ion: 136 Resp: 872414

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	11.4	6.6	10.0#
68	9.8	5.0	7.6#



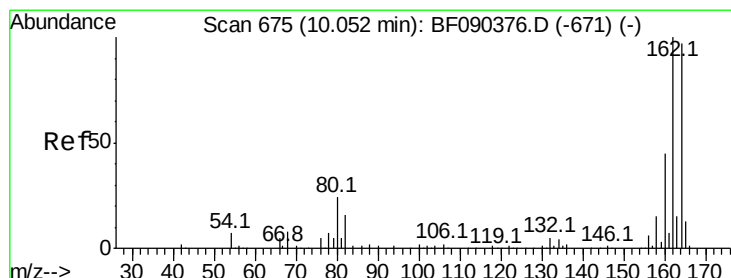
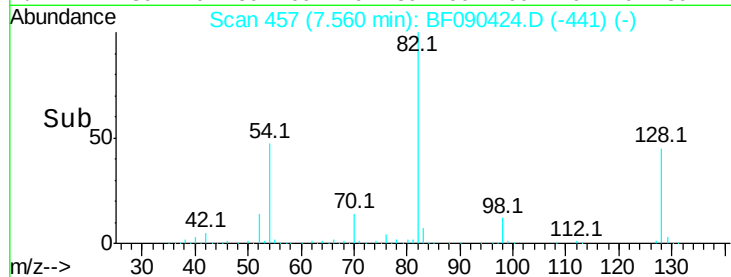
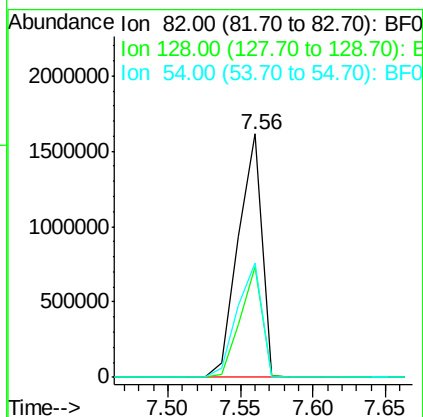
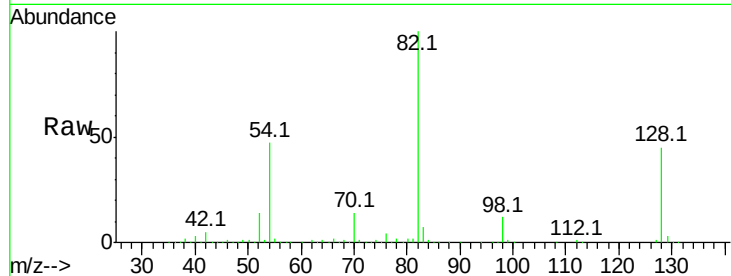


#23
 Nitrobenzene-d5
 Concen: 101.54 ng
 RT: 7.56 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090424.D
 Acq: 6 Oct 2016 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BL

Tot Ion: 82 Resp: 1821175

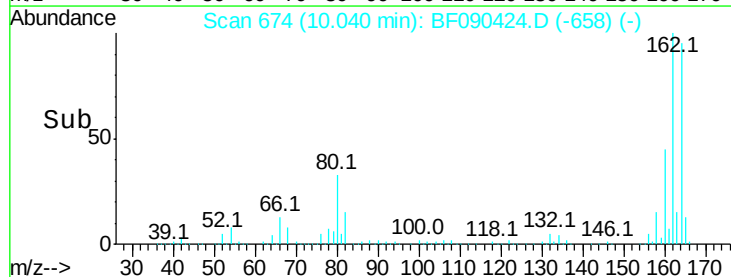
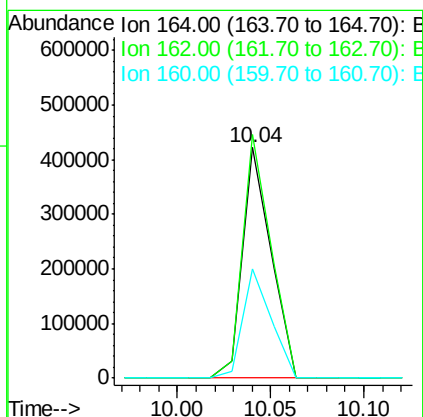
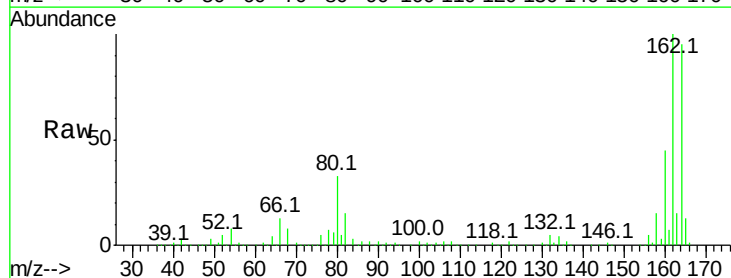
Ion	Ratio	Lower	Upper
82	100		
128	45.2	40.0	60.0
54	47.0	42.6	64.0

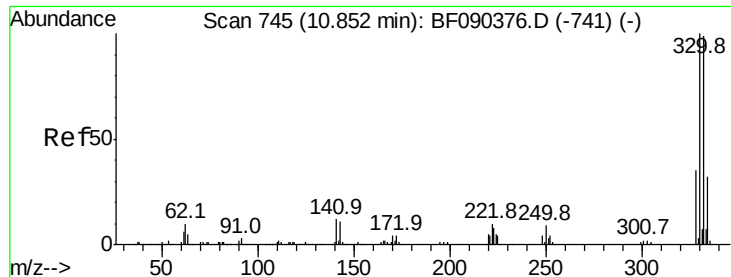


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF090424.D
 Acq: 6 Oct 2016 18:04

Tgt Ion: 164 Resp: 448437

Ion	Ratio	Lower	Upper
164	100		
162	105.6	80.1	120.1
160	47.1	36.3	54.5

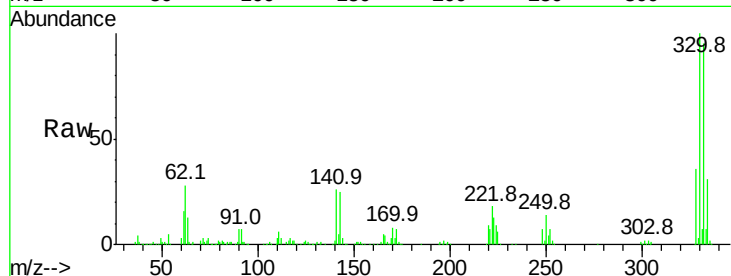




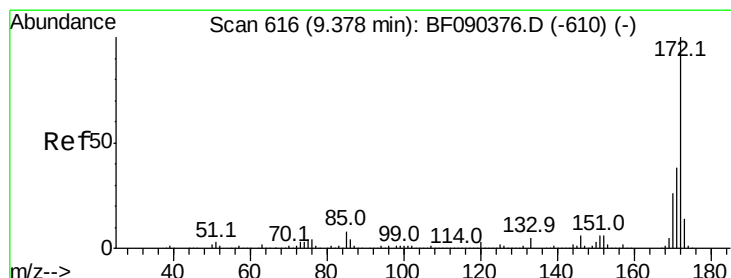
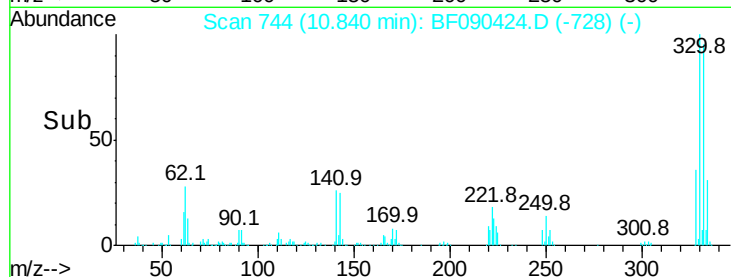
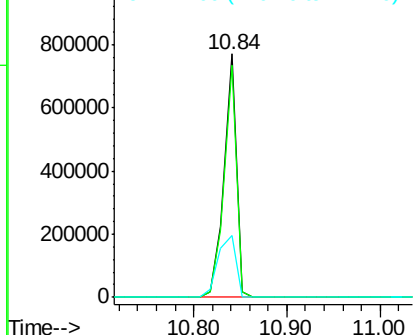
#41
 2,4,6-Tribromophenol
 Concen: 194.69 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090424.D
 Acq: 6 Oct 2016 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.4	113.0
141	36.7	26.9	40.3

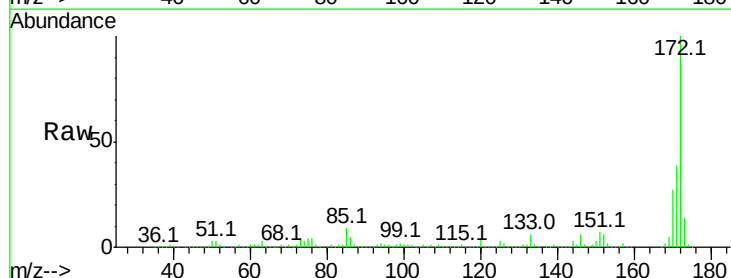


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

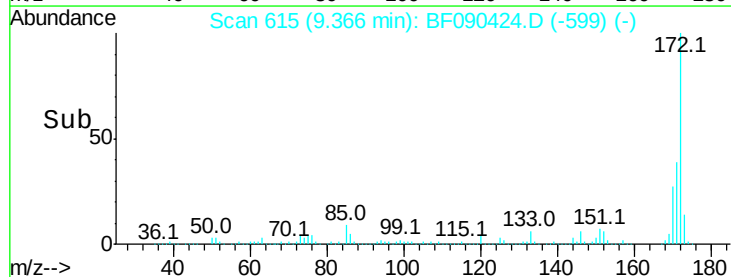
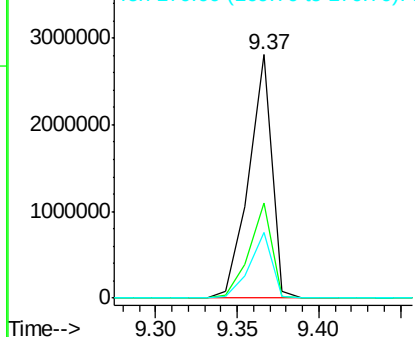


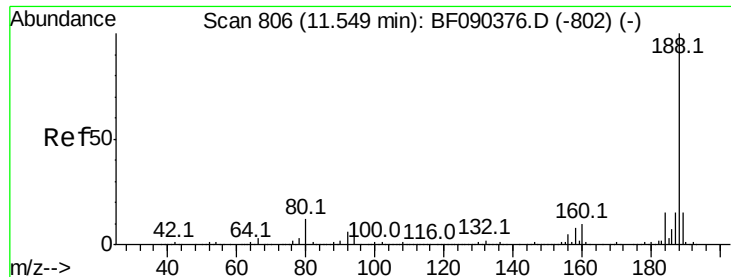
#44
 2-Fluorobiphenyl
 Concen: 102.61 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090424.D
 Acq: 6 Oct 2016 18:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.8	47.8
170	26.8	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

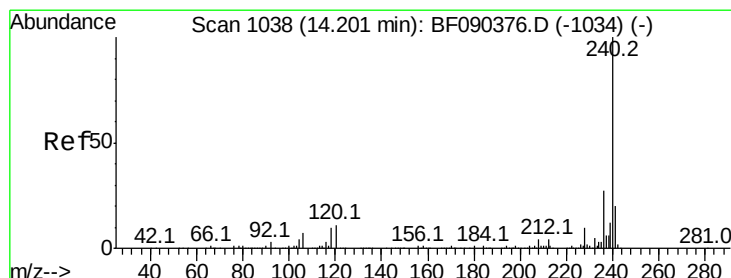
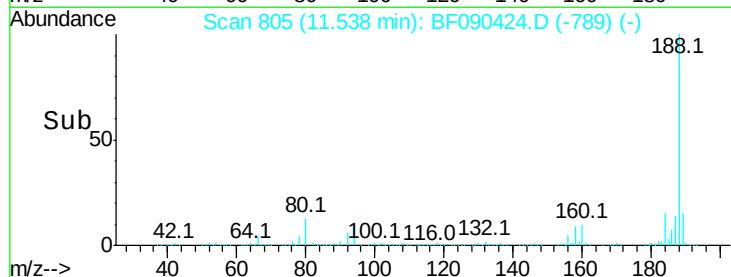
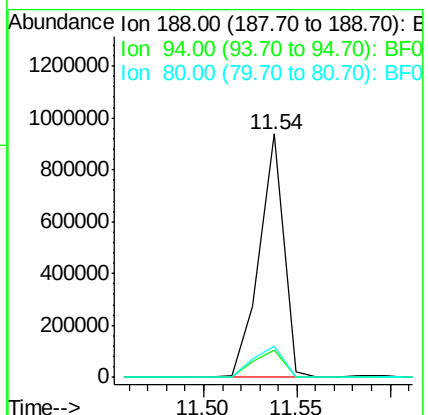
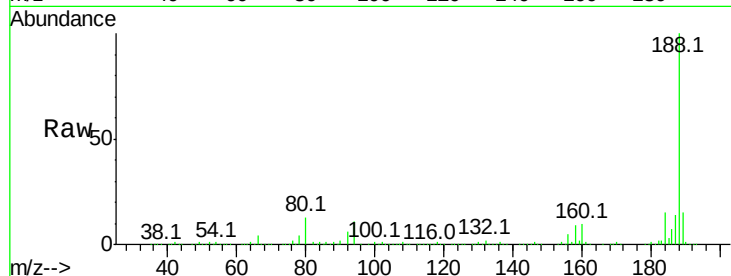




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090424.D
Acq: 6 Oct 2016 18:04

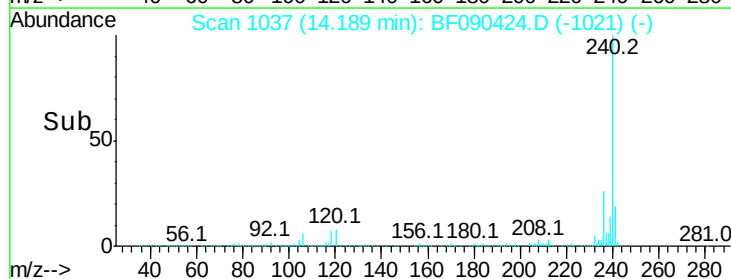
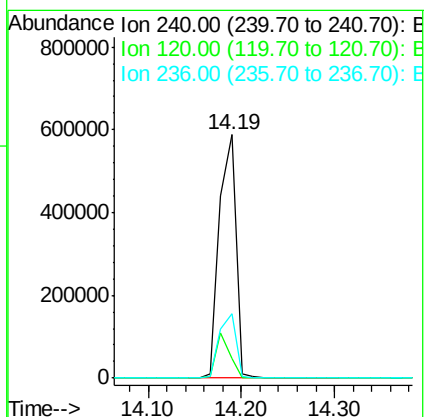
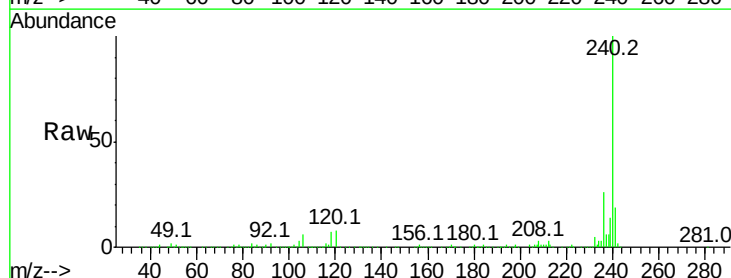
Instrument :
BNA_F
ClientSampleId :
PB93820BL

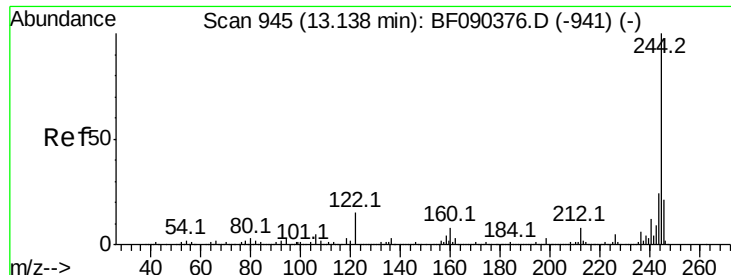
Tot Ion:188 Resp: 849706
Ion Ratio Lower Upper
188 100
94 11.0 8.2 12.2
80 12.5 8.8 13.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF090424.D
Acq: 6 Oct 2016 18:04

Tgt Ion:240 Resp: 726720
Ion Ratio Lower Upper
240 100
120 8.3 8.6 13.0#
236 26.5 21.6 32.4





#78

Terphenyl-d14

Concen: 102.41 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090424.D

Acq: 6 Oct 2016 18:04

Instrument :

BNA_F

ClientSampleId :

PB93820BL

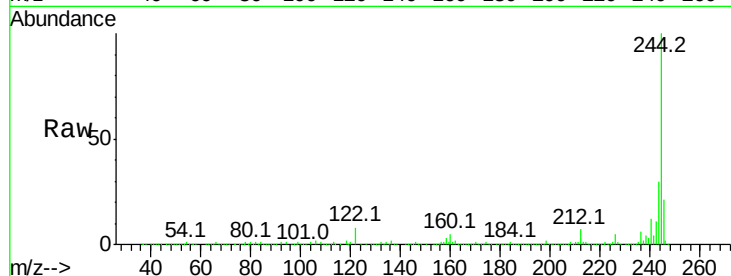
Tot Ion:244 Resp: 3310290

Ion Ratio Lower Upper

244 100

212 7.0 6.8 10.2

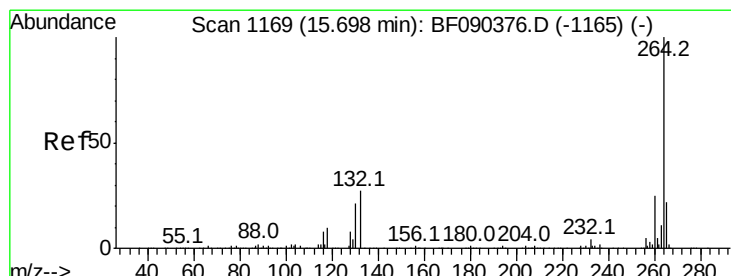
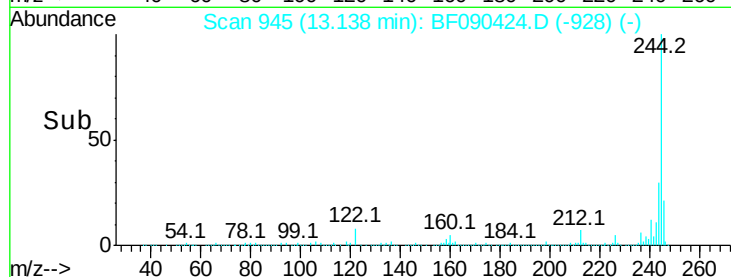
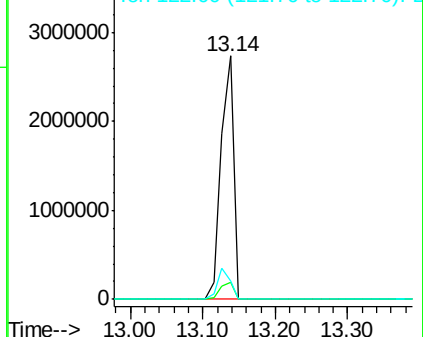
122 7.8 13.3 19.9#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.69 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF090424.D

Acq: 6 Oct 2016 18:04

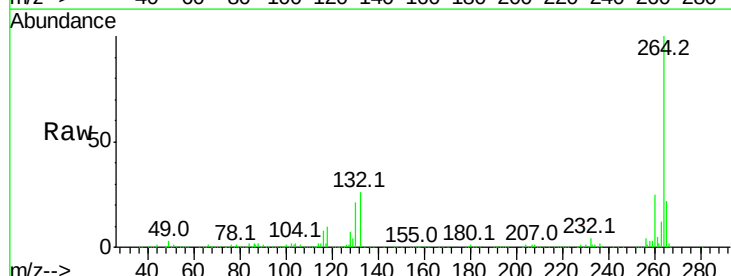
Tgt Ion:264 Resp: 611190

Ion Ratio Lower Upper

264 100

260 25.0 19.3 28.9

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

