

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
 Data File : BF088153.D
 Acq On : 19 Jun 2016 00:53
 Operator : UM/SJ
 Sample : PB91406TB
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91406TB

Quant Time: Jun 20 06:37:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	93618	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	335226	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	135241	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	213641	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	168654	20.00	ng	-0.02
86) Perylene-d12	15.21	264	131181	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	631702	115.35	ng	0.01
7) Phenol-d6	6.34	99	740017	111.50	ng	-0.01
23) Nitrobenzene-d5	7.26	82	445822	77.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	108894	76.26	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	766257	89.29	ng	-0.02
78) Terphenyl-d14	12.79	244	608932	82.16	ng	-0.01

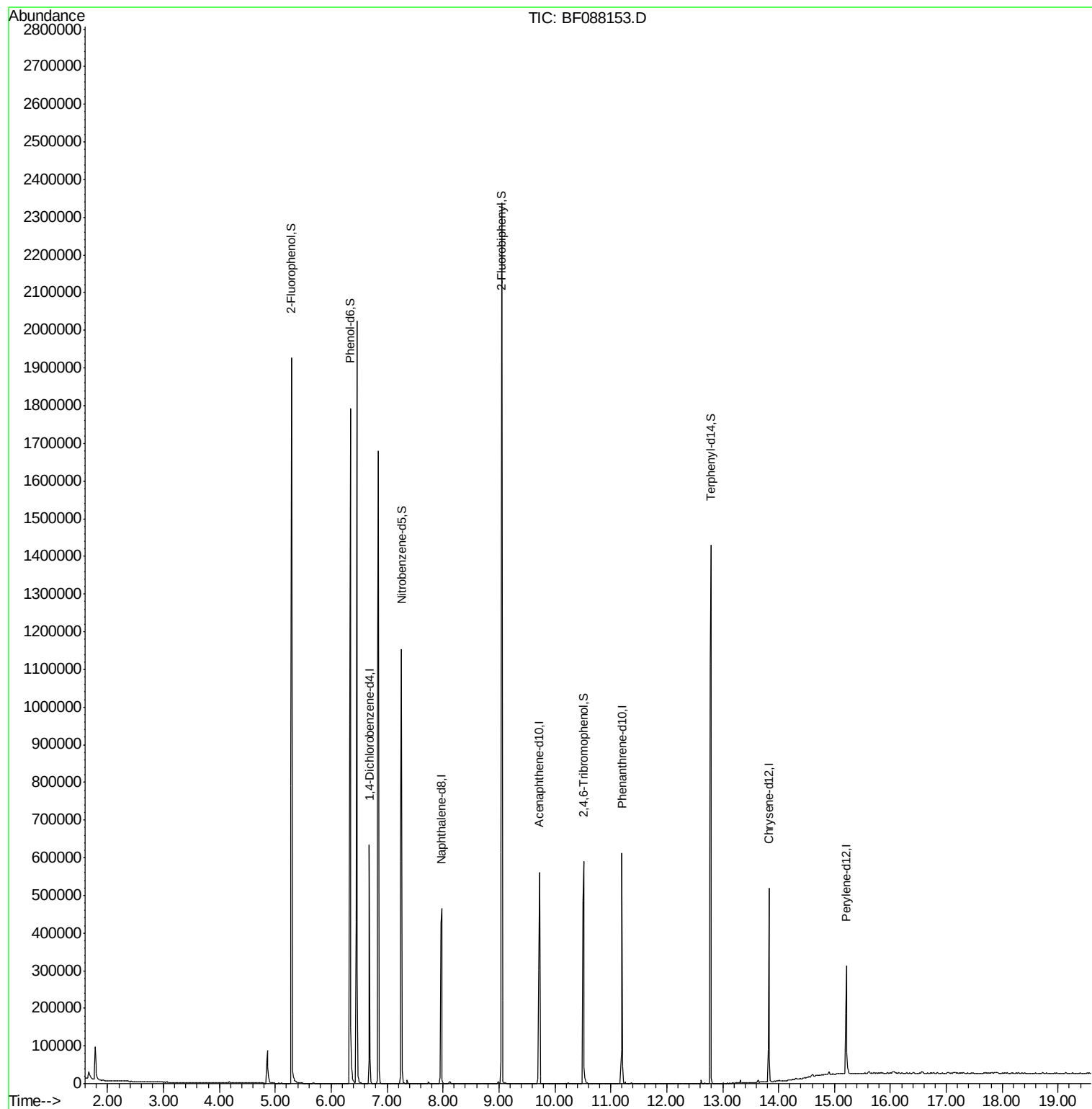
Target Compounds Qvalue

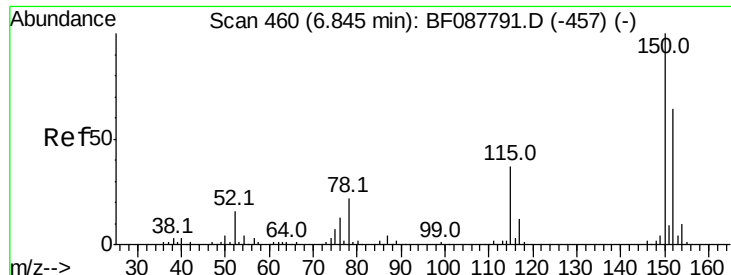
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088153.D

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BNA_F

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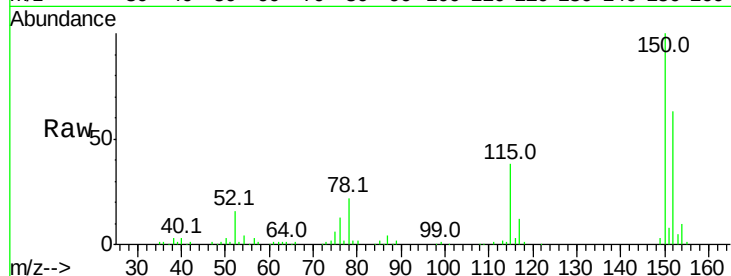
Tot Ion:152 Resp: 93618

Ion Ratio Lower Upper

152 100

150 158.1 123.8 185.6

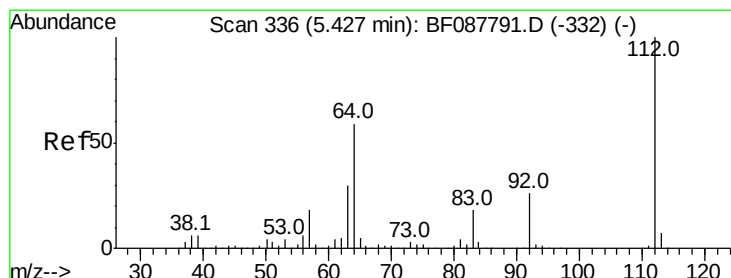
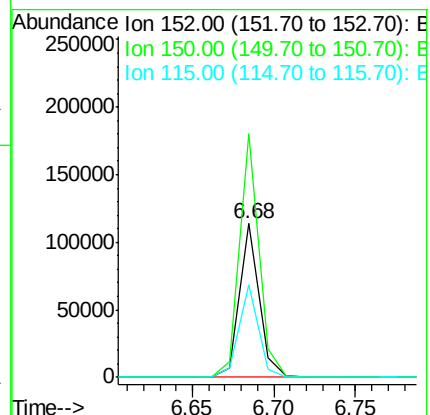
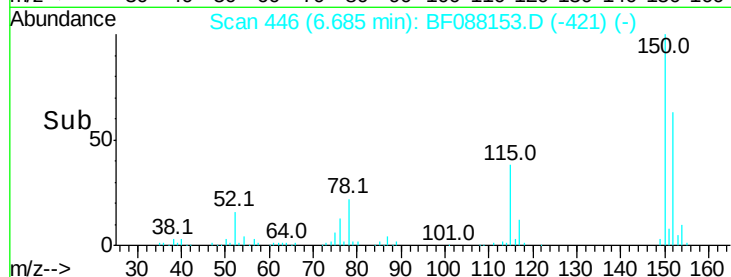
115 59.8 39.6 59.4#



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: 115.35 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF088153.D

Acq: 19 Jun 2016 00:53

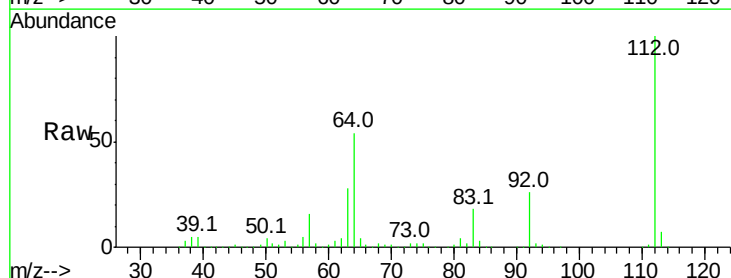
Tgt Ion:112 Resp: 631702

Ion Ratio Lower Upper

112 100

64 53.6 42.2 63.2

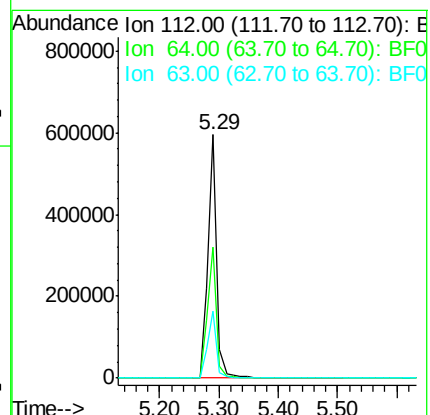
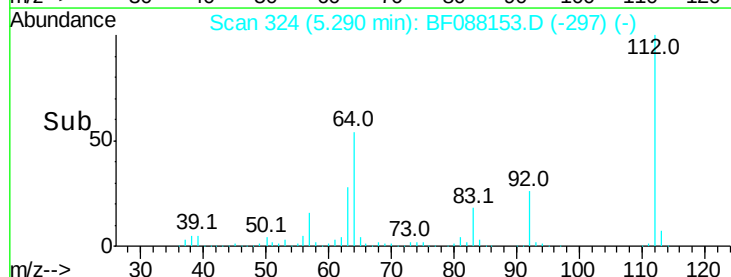
63 27.6 21.8 32.8

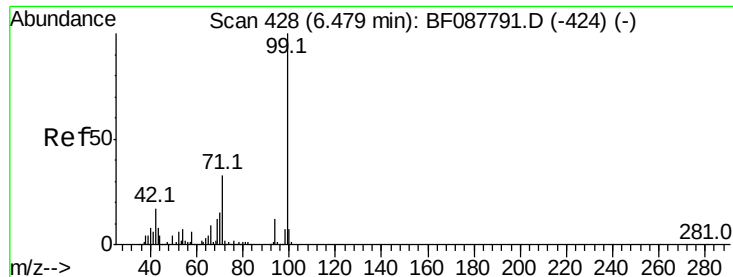


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.50 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088153.D

Acq: 19 Jun 2016 00:53

Instrument :

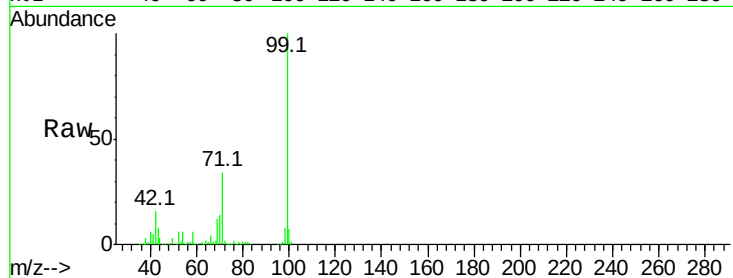
BNA_F

ClientSampleId :

PB91406TB

Tot Ion: 99 Resp: 740017

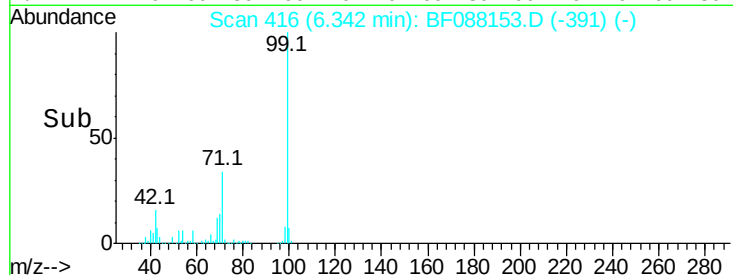
Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.2	18.2
71	33.8	23.4	35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

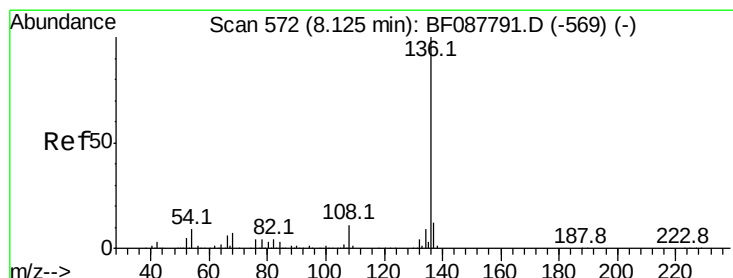
Ion 71.00 (70.70 to 71.70): BF0



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: 7.98 min Scan# 559

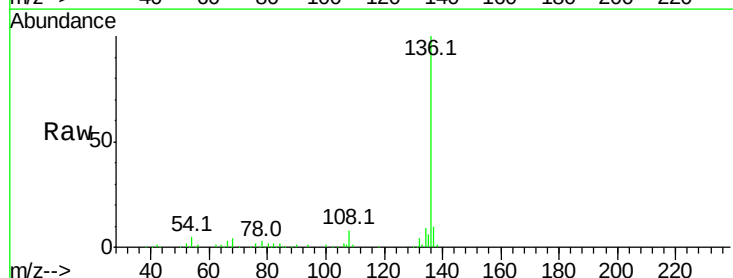
Delta R.T. -0.01 min

Lab File: BF088153.D

Acq: 19 Jun 2016 00:53

Tgt Ion: 136 Resp: 335226

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	4.6	6.6	10.0#
68	4.3	5.1	7.7#

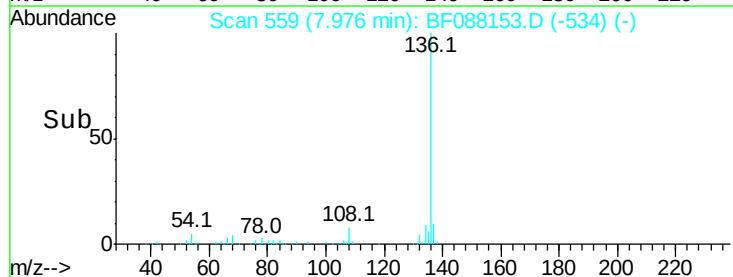


Abundance Ion 136.00 (135.70 to 136.70): E

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

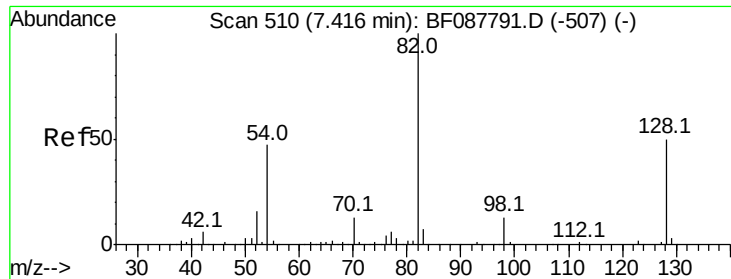


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

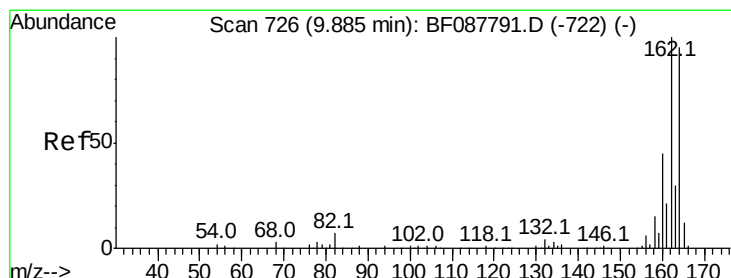
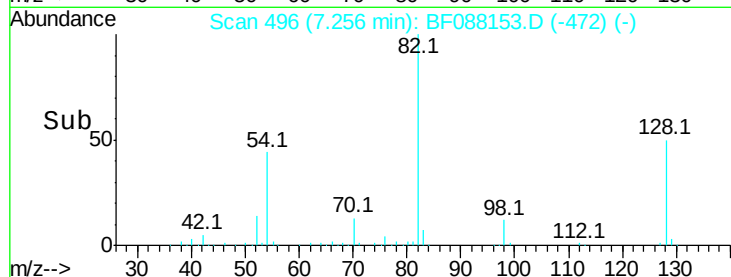
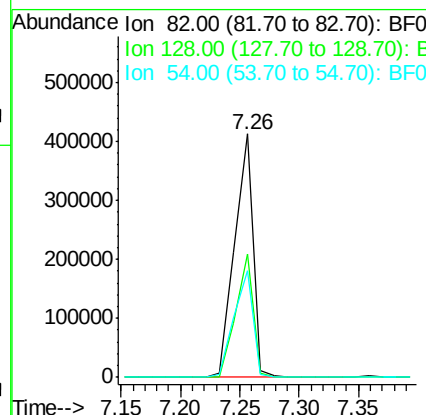
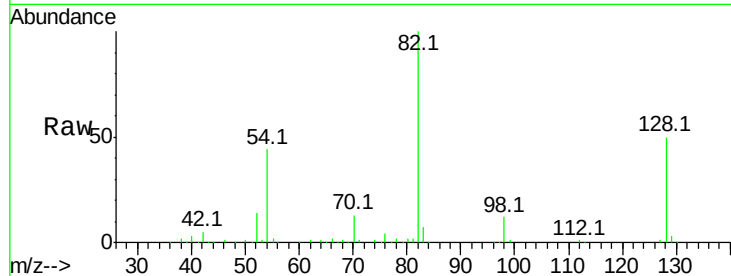
Ion 68.00 (67.70 to 68.70): BF0



#23
 Nitrobenzene-d5
 Concen: 77.66 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088153.D
 Acq: 19 Jun 2016 00:53

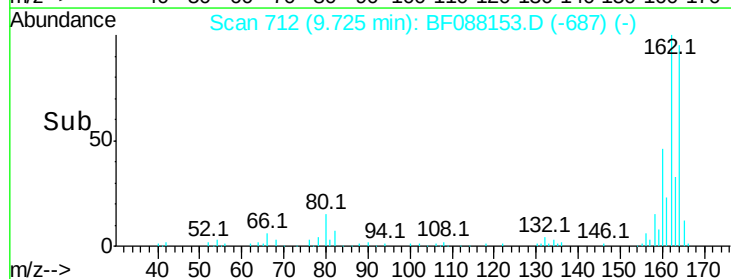
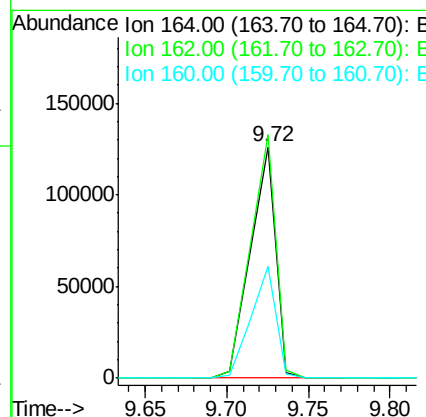
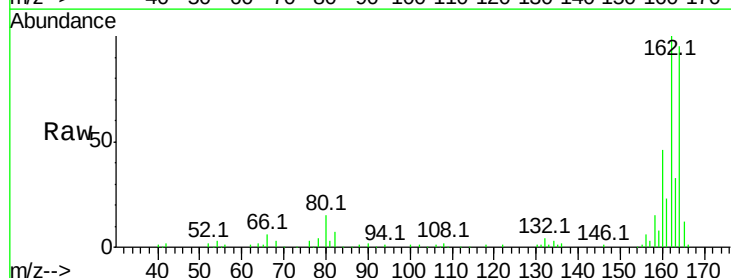
Instrument :
 BNA_F
 ClientSampleId :
 PB91406TB

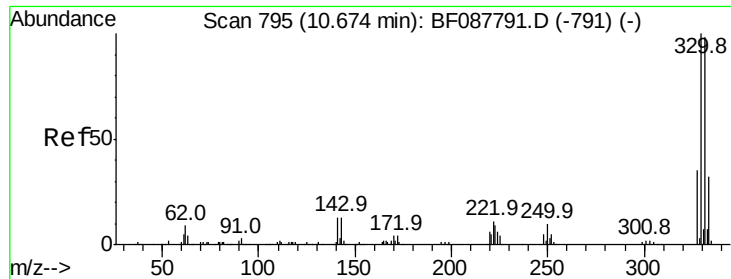
Tot Ion	82	Resp	445822
Ion Ratio	Lower	Upper	
82	100		
128	50.5	35.9	53.9
54	43.8	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088153.D
 Acq: 19 Jun 2016 00:53

Tgt Ion	164	Resp	135241
Ion Ratio	Lower	Upper	
164	100		
162	105.3	85.4	128.2
160	48.4	39.5	59.3

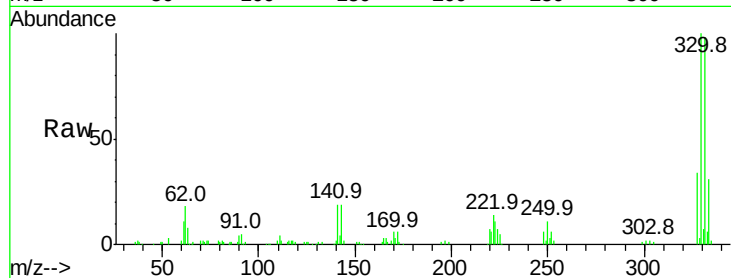




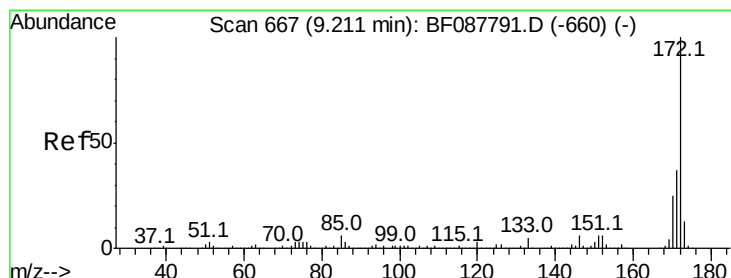
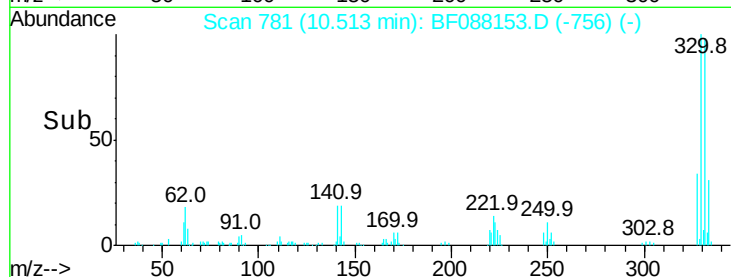
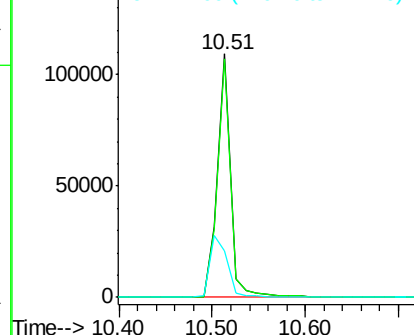
#41
 2,4,6-Tribromophenol
 Concen: 76.26 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088153.D
 Acq: 19 Jun 2016 00:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91406TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	34.1	0.0	0.0#

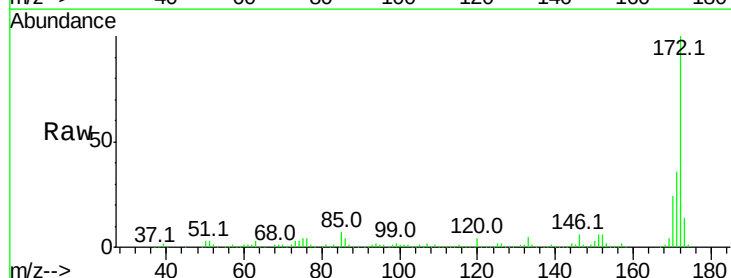


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

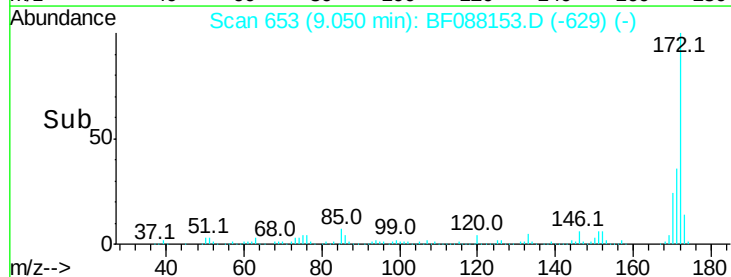
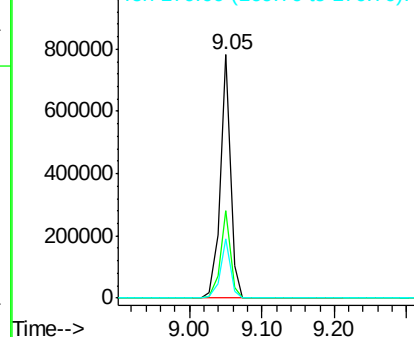


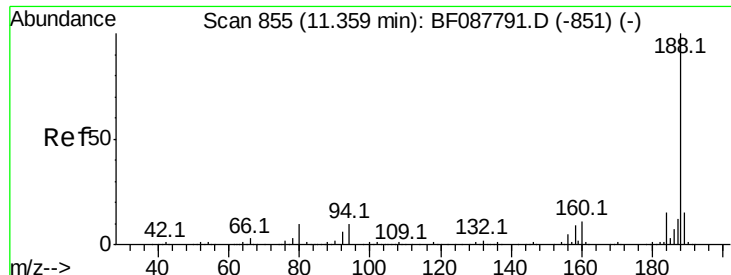
#44
 2-Fluorobiphenyl
 Concen: 89.29 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088153.D
 Acq: 19 Jun 2016 00:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.1	19.2	28.8



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

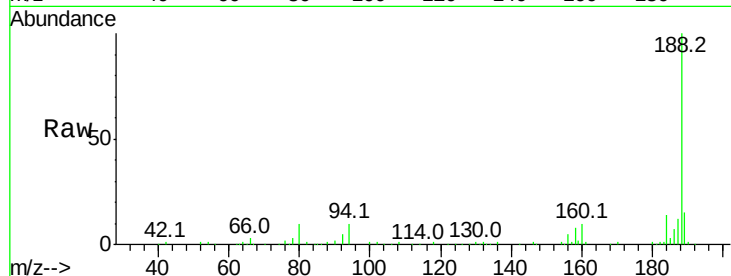




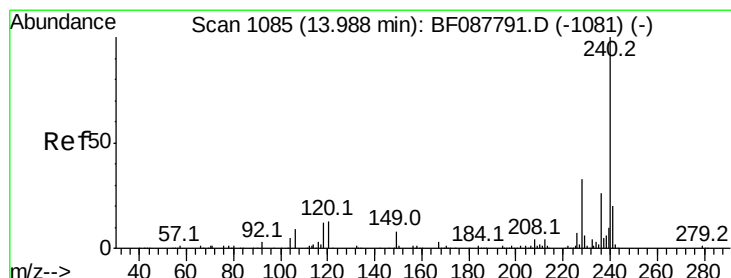
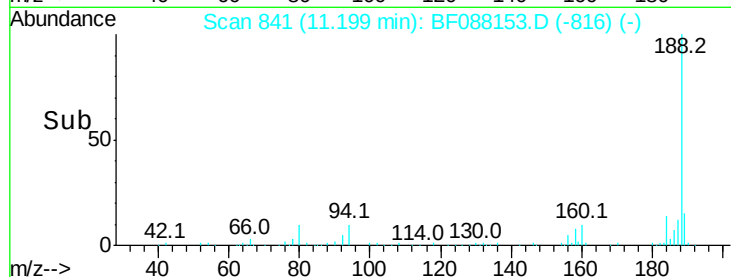
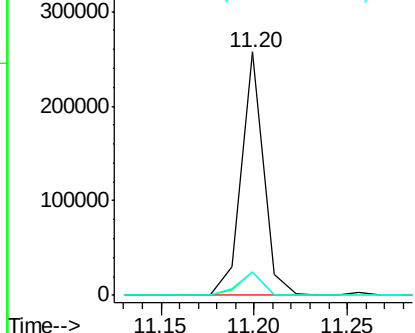
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088153.D
Acq: 19 Jun 2016 00:53

Instrument :
BNA_F
ClientSampleId :
PB91406TB

Tot Ion:188 Resp: 213641
Ion Ratio Lower Upper
188 100
94 9.5 9.0 13.6
80 9.7 10.0 15.0#

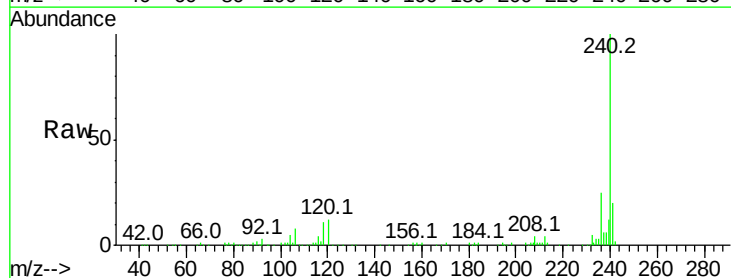


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

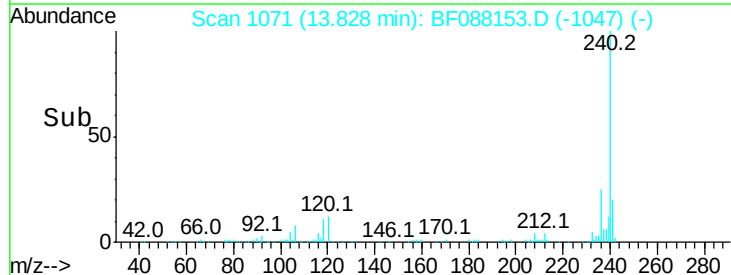
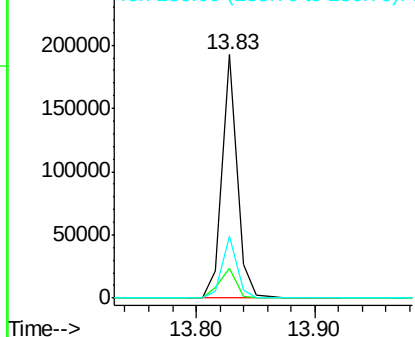


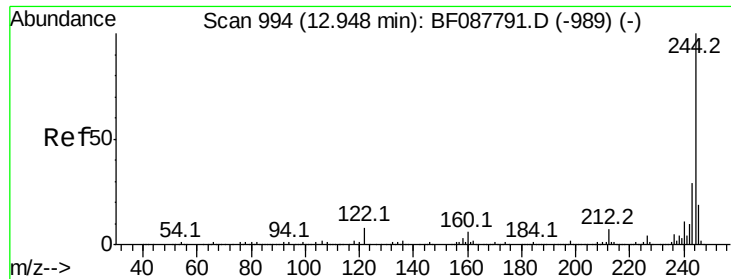
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF088153.D
Acq: 19 Jun 2016 00:53

Tgt Ion:240 Resp: 168654
Ion Ratio Lower Upper
240 100
120 12.1 6.8 10.2#
236 25.4 20.2 30.2



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

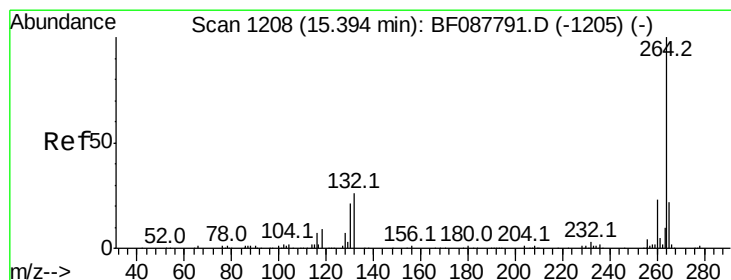
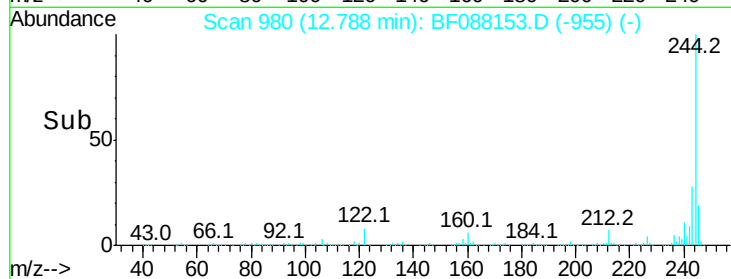
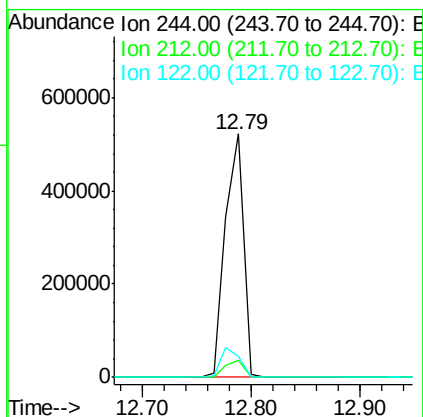
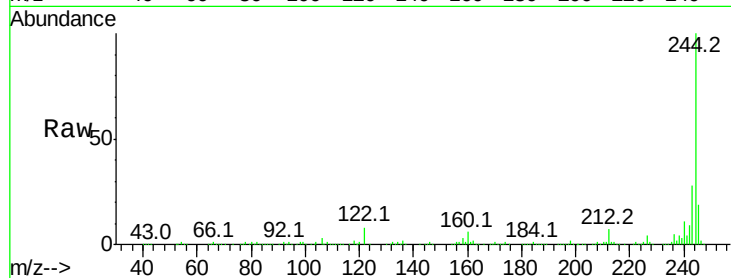




#78
 Terphenyl-d14
 Concen: 82.16 ng
 RT: 12.79 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF088153.D
 Acq: 19 Jun 2016 00:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91406TB

Tot Ion:244 Resp: 608932
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.4 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF088153.D
 Acq: 19 Jun 2016 00:53

Tgt Ion:264 Resp: 131181
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.6 16.9 25.3

