

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021417\
 Data File : BF092941.D
 Acq On : 14 Feb 2017 13:59
 Operator : SJ/MA
 Sample : PB96923BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96923BL

Quant Time: Feb 14 14:59:19 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	140333	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	530036	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	302801	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	476465	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	419324	20.00	ng	-0.02
86) Perylene-d12	15.47	264	294592	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	925848	113.19	ng	0.00
7) Phenol-d6	6.51	99	1148725	109.15	ng	-0.02
23) Nitrobenzene-d5	7.44	82	720048	75.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	260485	118.94	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1444954	86.45	ng	0.00
78) Terphenyl-d14	12.98	244	1173108	65.73	ng	-0.01

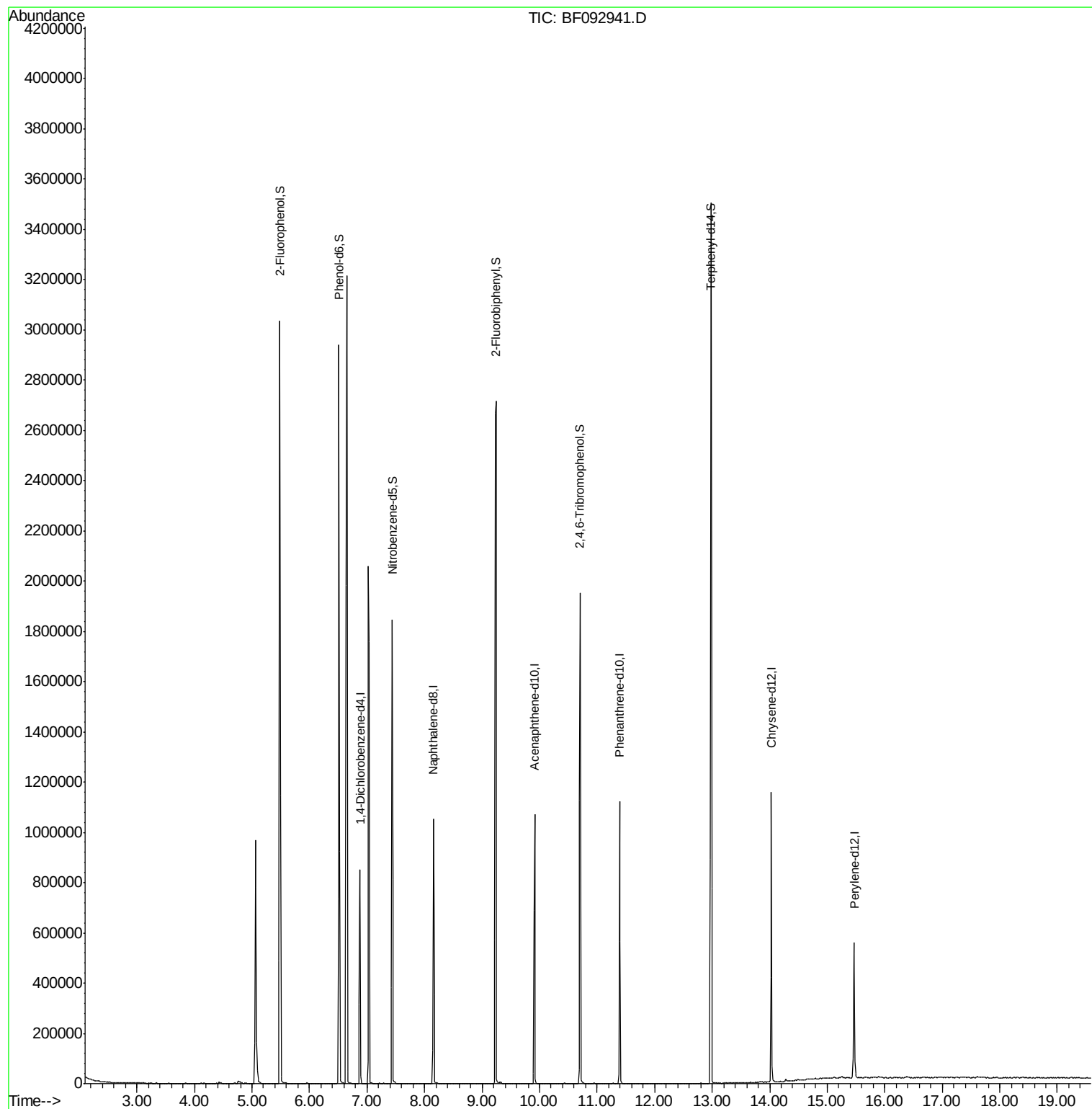
Target Compounds	Qvalue
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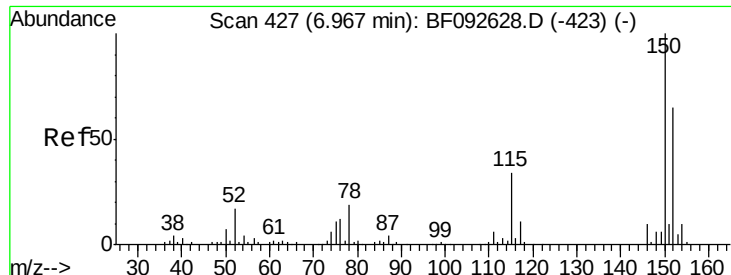
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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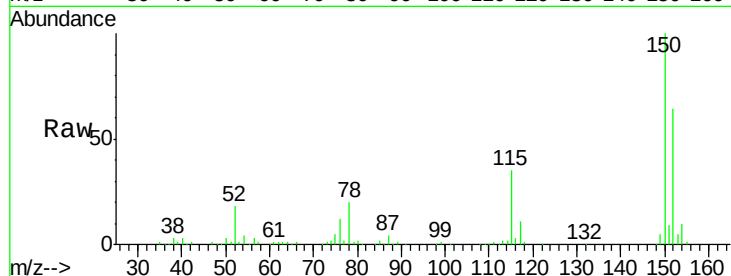


#1

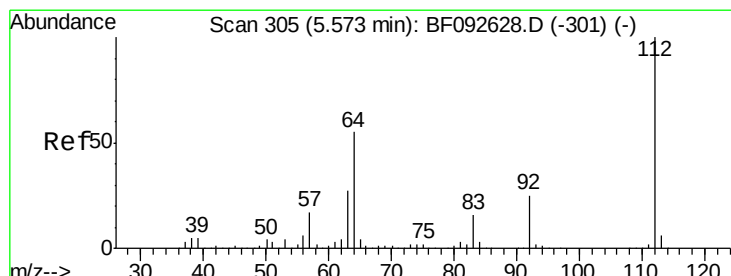
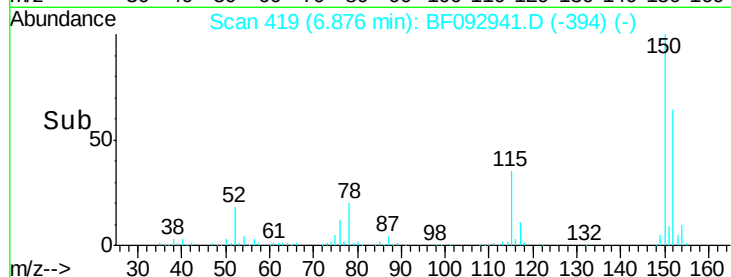
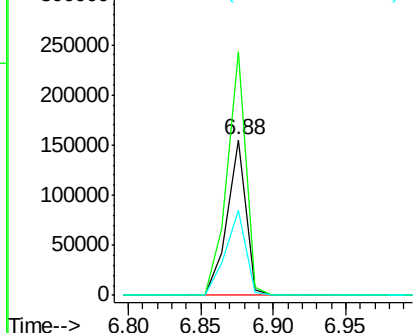
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092941.D
Acq: 14 Feb 2017 13:59

Instrument :
BNA_F
ClientSampleId :
PB96923BL

Tgt Ion:152 Resp: 140333
Ion Ratio Lower Upper
152 100
150 156.6 124.9 187.3
115 54.5 46.0 69.0



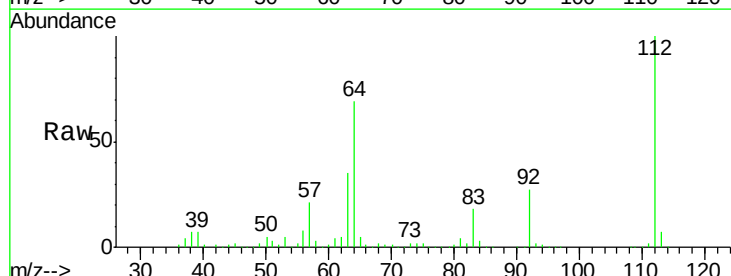
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



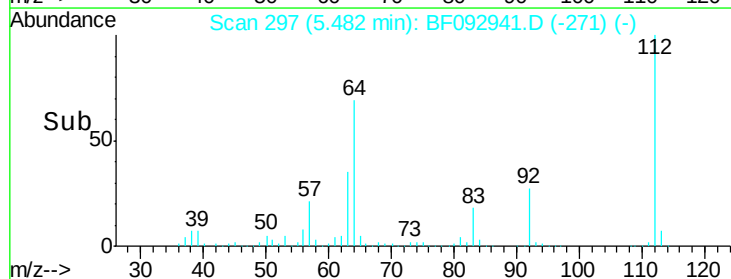
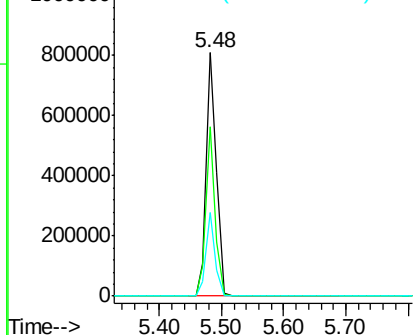
#5

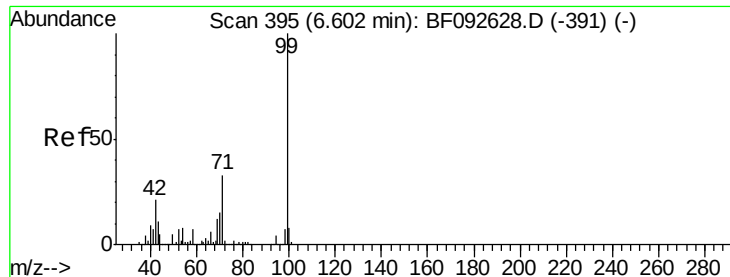
2-Fluorophenol
Concen: 113.19 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF092941.D
Acq: 14 Feb 2017 13:59

Tgt Ion:112 Resp: 925848
Ion Ratio Lower Upper
112 100
64 69.4 46.1 69.1#
63 34.6 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: 109.15 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092941.D

Acq: 14 Feb 2017 13:59

Instrument :

BNA_F

ClientSampleId :

PB96923BL

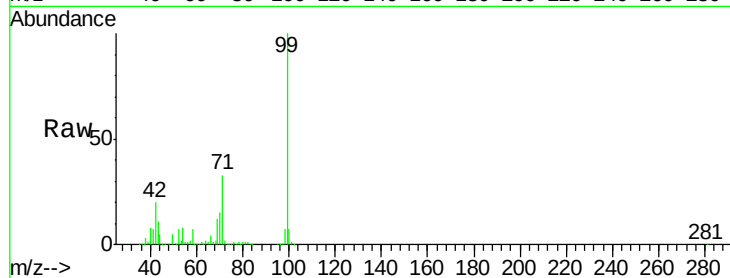
Tgt Ion: 99 Resp: 1148725

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

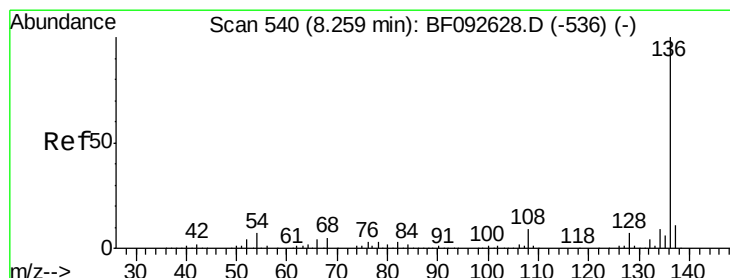
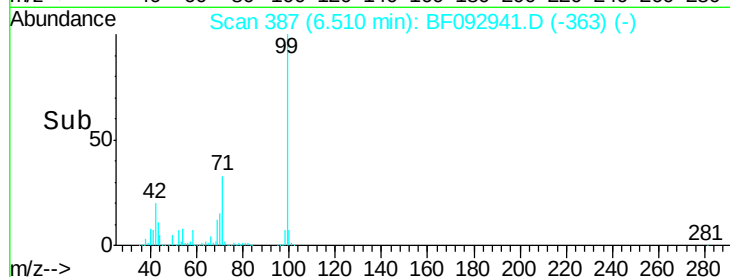
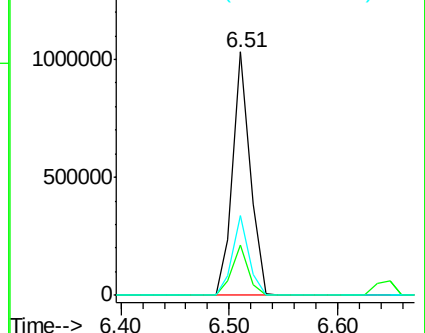
71 32.8 27.5 41.3



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: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF092941.D

Acq: 14 Feb 2017 13:59

Tgt Ion: 136 Resp: 530036

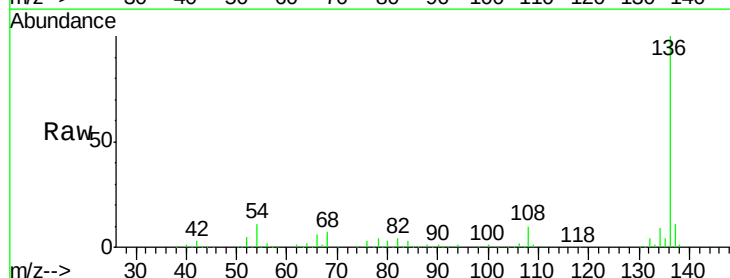
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 11.4 4.5 6.7#

68 7.4 3.6 5.4#

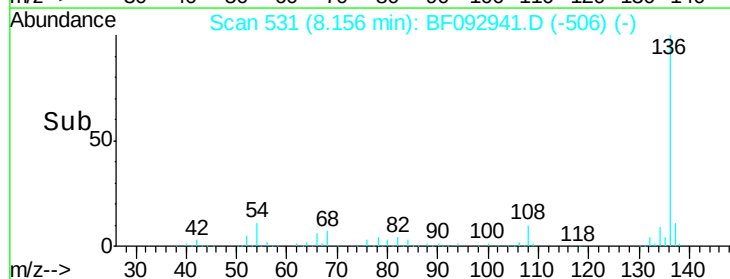
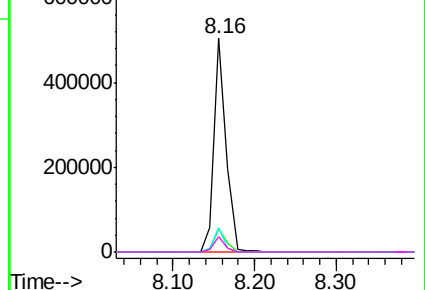


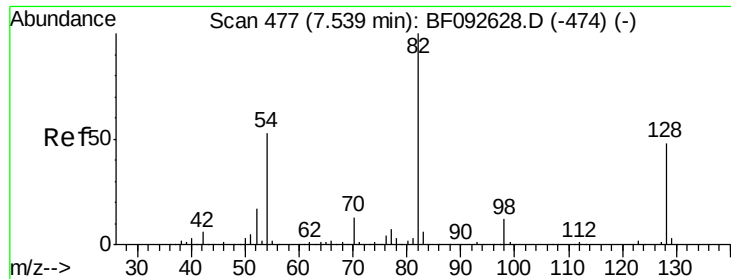
Abundance Ion 136.00 (135.70 to 136.70): E

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

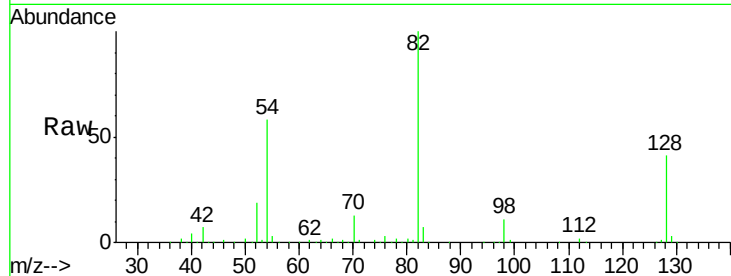




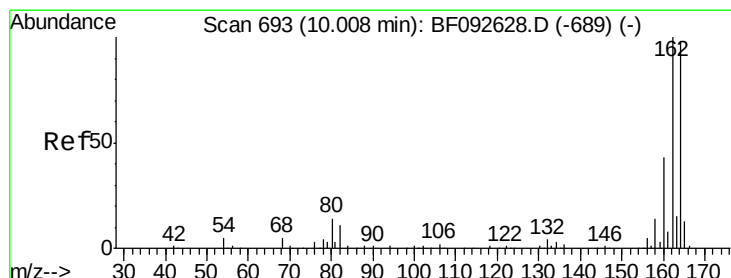
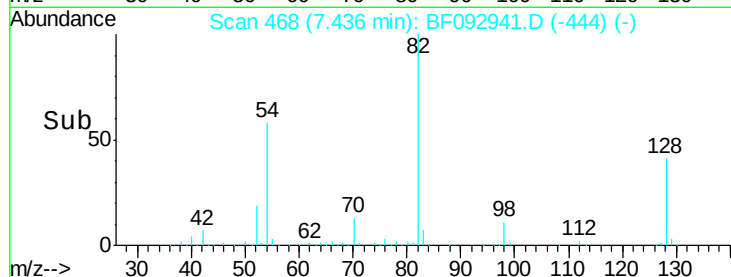
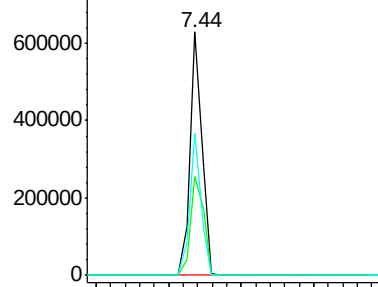
#23
 Nitrobenzene-d5
 Concen: 75.65 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF092941.D
 Acq: 14 Feb 2017 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB96923BL

Tgt Ion: 82 Resp: 720048
 Ion Ratio Lower Upper
 82 100
 128 40.6 34.6 52.0
 54 58.4 39.5 59.3

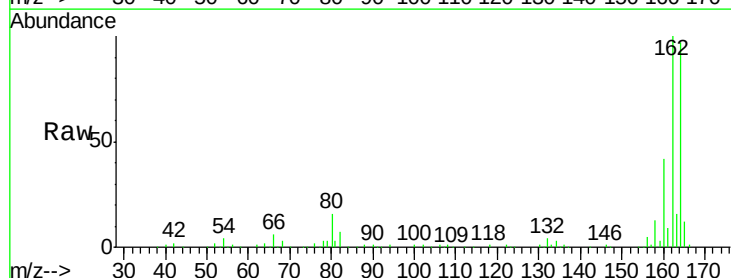


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

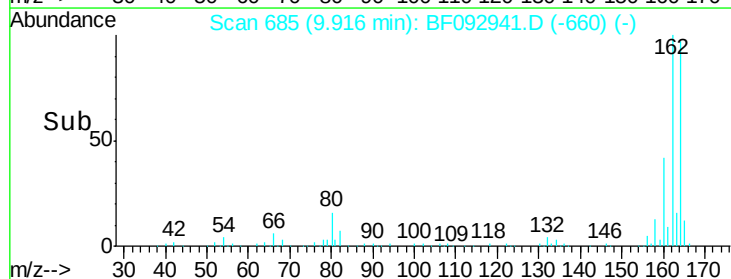
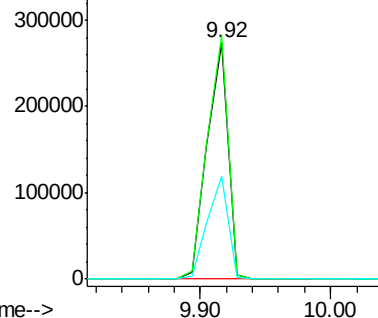


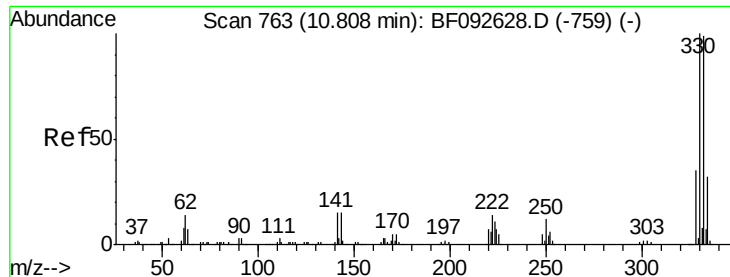
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF092941.D
 Acq: 14 Feb 2017 13:59

Tgt Ion: 164 Resp: 302801
 Ion Ratio Lower Upper
 164 100
 162 103.0 80.2 120.2
 160 43.2 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

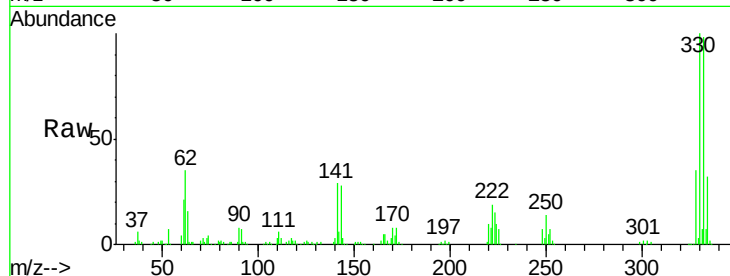




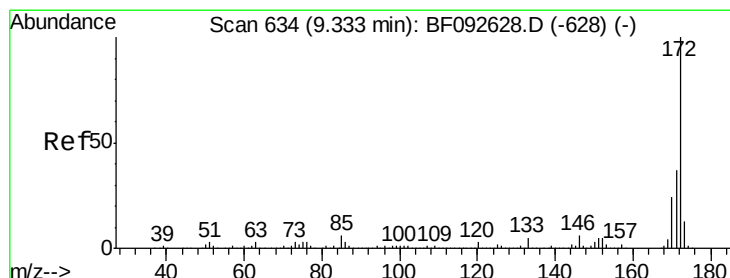
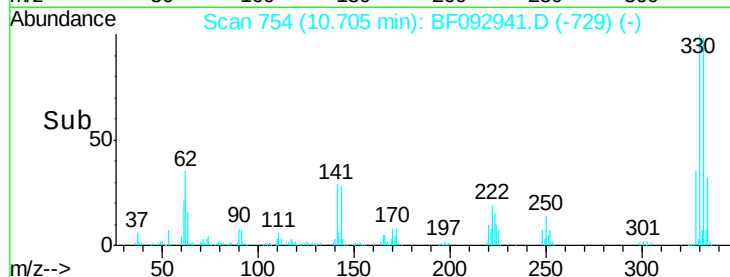
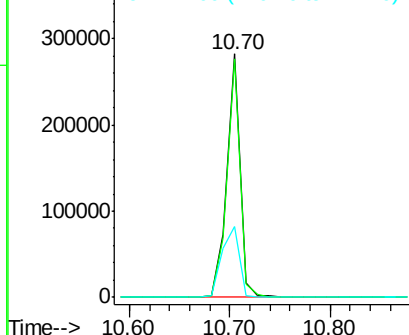
#41
 2,4,6-Tribromophenol
 Concen: 118.94 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092941.D
 Acq: 14 Feb 2017 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB96923BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	38.0	34.1	51.1

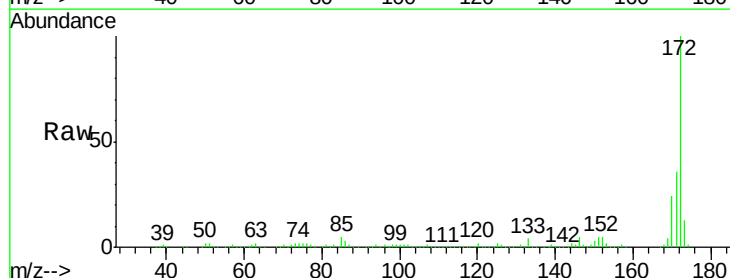


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

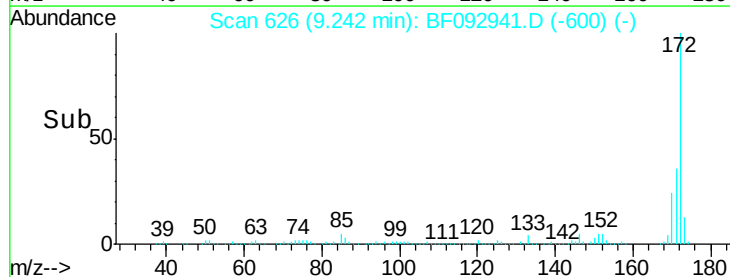
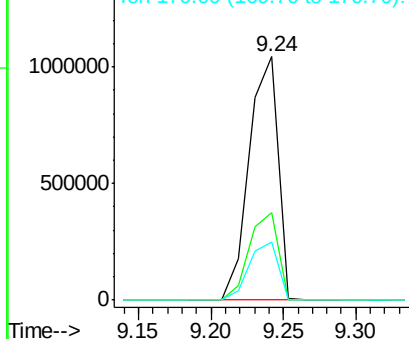


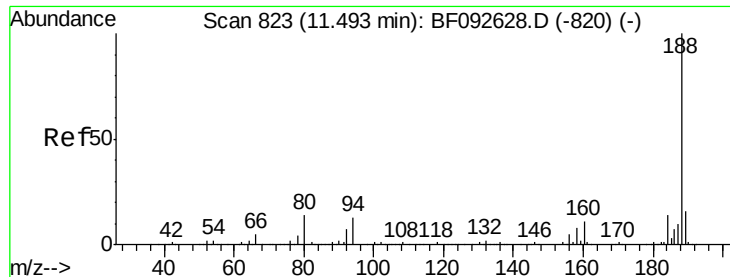
#44
 2-Fluorobiphenyl
 Concen: 86.45 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092941.D
 Acq: 14 Feb 2017 13:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.1	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

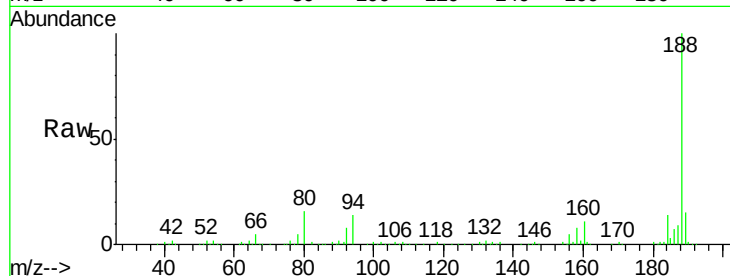




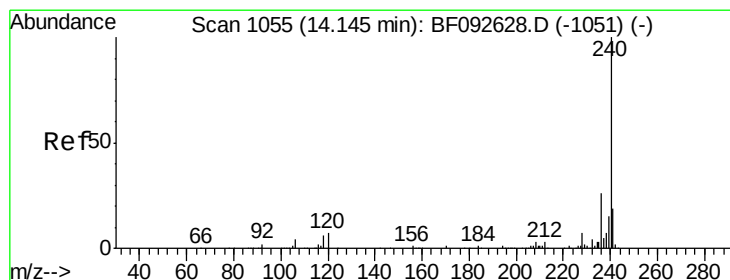
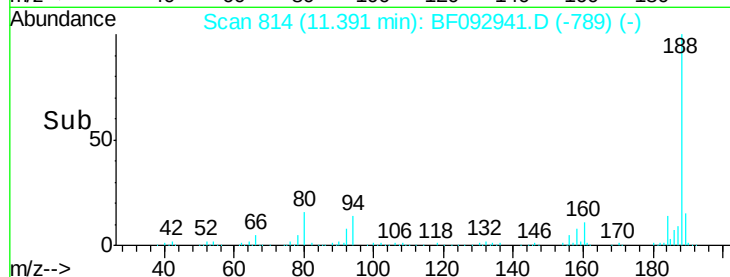
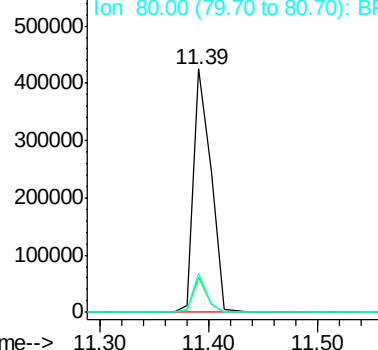
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092941.D
Acq: 14 Feb 2017 13:59

Instrument :
BNA_F
ClientSampled :
PB96923BL

Tgt Ion:188 Resp: 476465
Ion Ratio Lower Upper
188 100
94 14.4 10.0 15.0
80 15.8 11.2 16.8

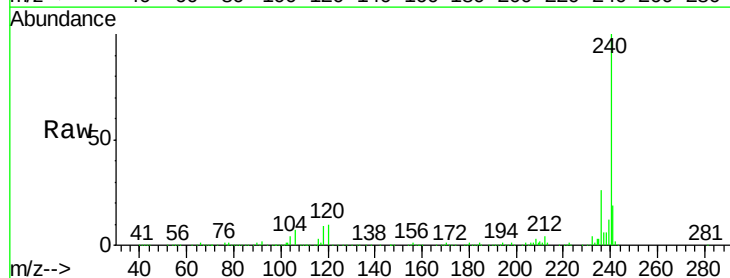


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

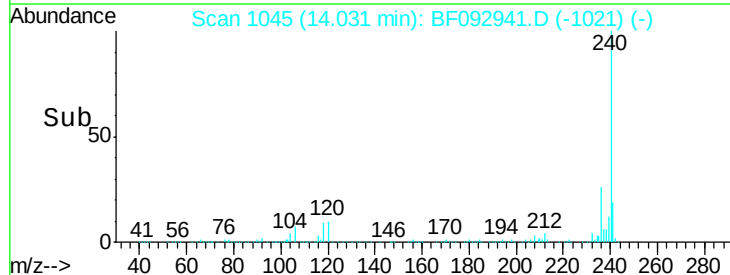
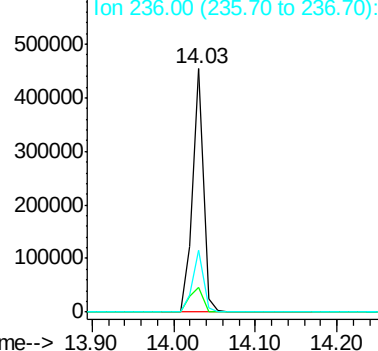


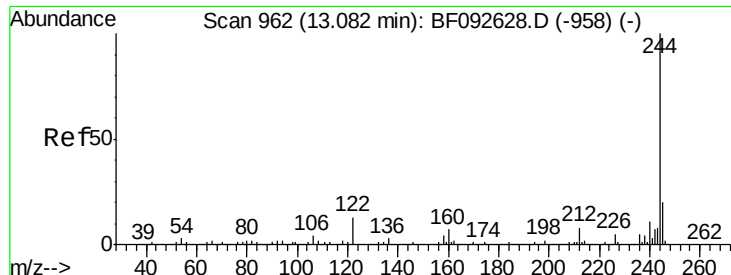
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF092941.D
Acq: 14 Feb 2017 13:59

Tgt Ion:240 Resp: 419324
Ion Ratio Lower Upper
240 100
120 10.3 12.9 19.3#
236 25.7 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

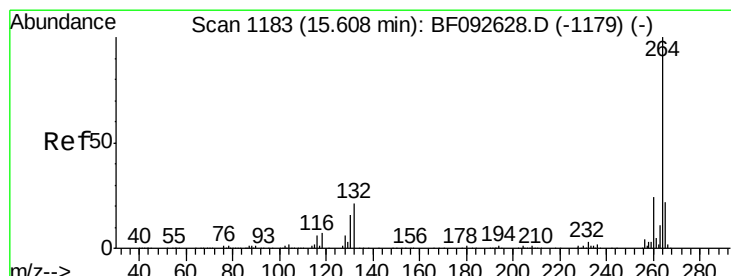
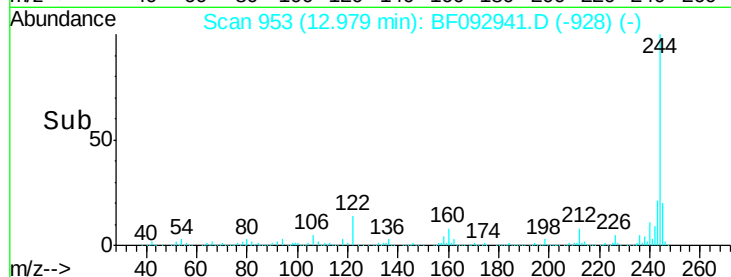
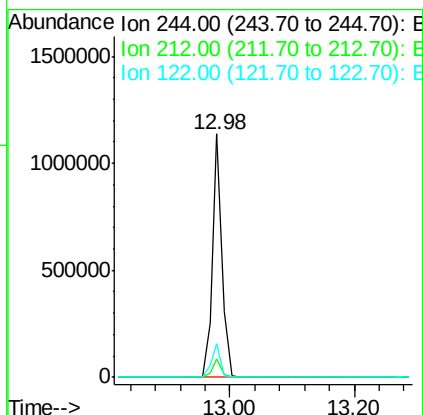
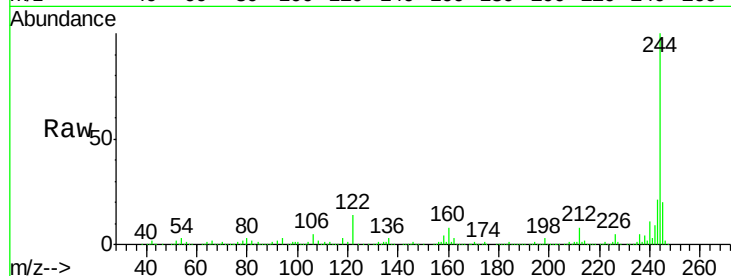




#78
 Terphenyl-d14
 Concen: 65.73 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092941.D
 Acq: 14 Feb 2017 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB96923BL

Tgt Ion:244 Resp: 1173108
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 14.0 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF092941.D
 Acq: 14 Feb 2017 13:59

Tgt Ion:264 Resp: 294592
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.0 17.4 26.0

