

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092951.D
 Acq On : 15 Feb 2017 15:24
 Operator : SJ/MA
 Sample : PB96964BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96964BL

Quant Time: Feb 15 15:54:37 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	138630	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	560019	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	305695	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	555220	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	471671	20.00	ng	-0.03
86) Perylene-d12	15.46	264	414449	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1139780	141.05	ng	0.00
7) Phenol-d6	6.51	99	1237563	119.03	ng	-0.02
23) Nitrobenzene-d5	7.44	82	767074	76.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	316468	143.14	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1395928	82.73	ng	-0.01
78) Terphenyl-d14	12.98	244	1446450	72.06	ng	-0.01

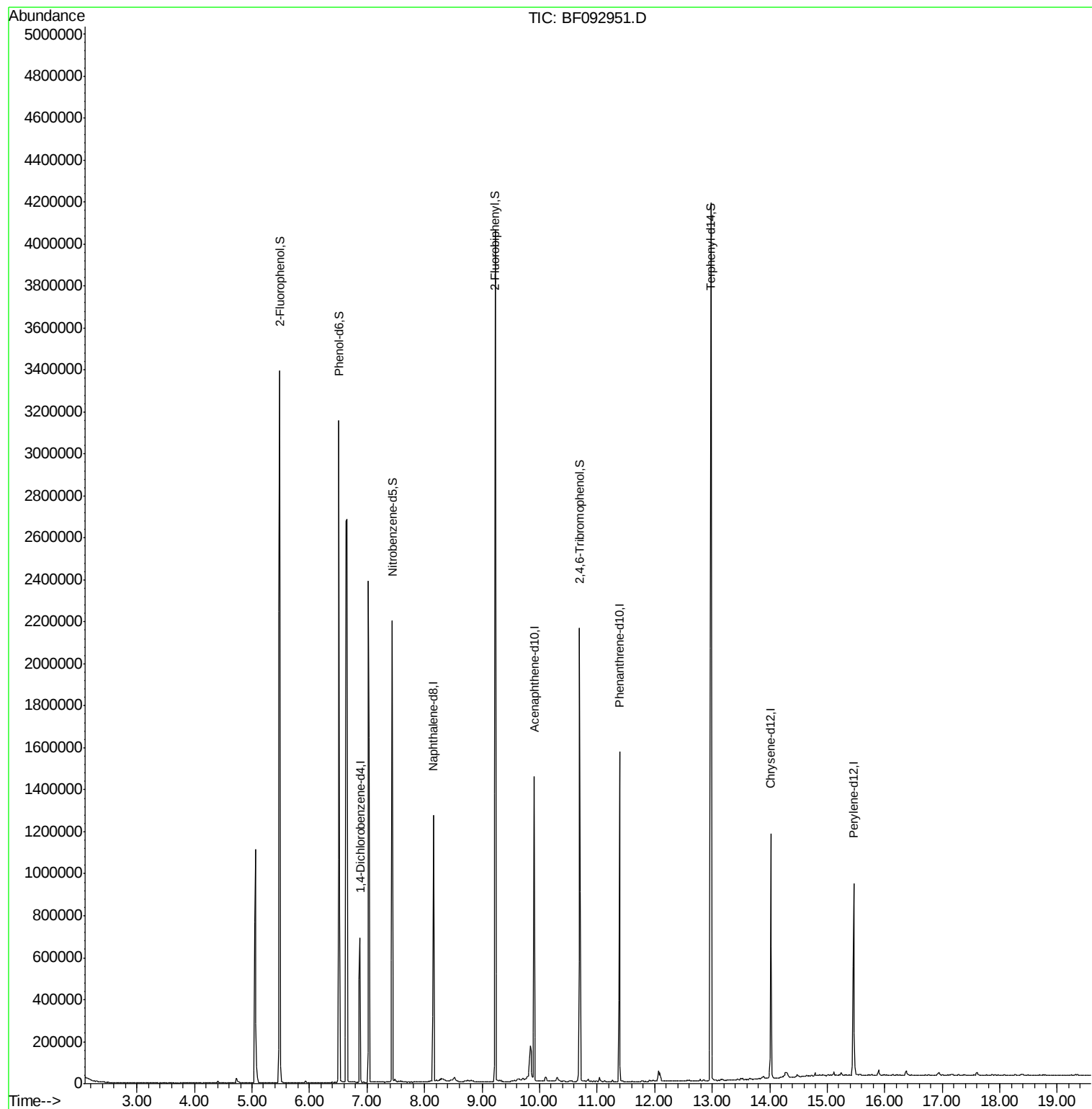
Target Compounds	Qvalue
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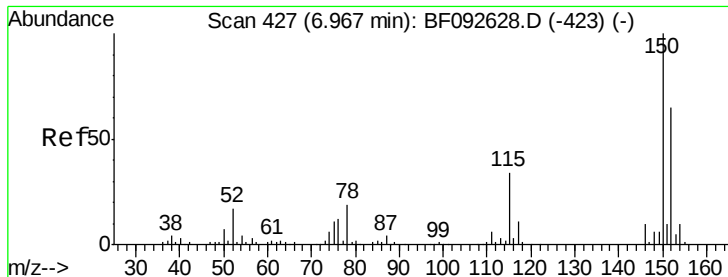
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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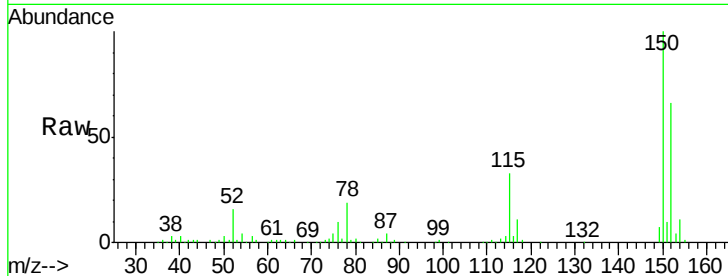


#1

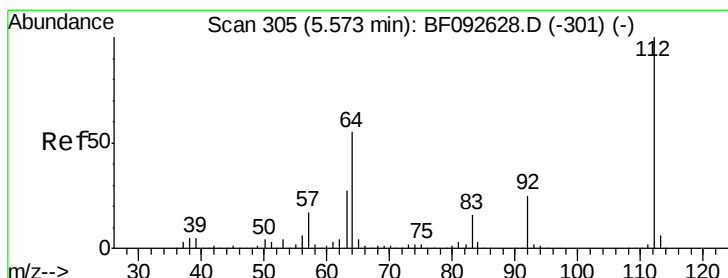
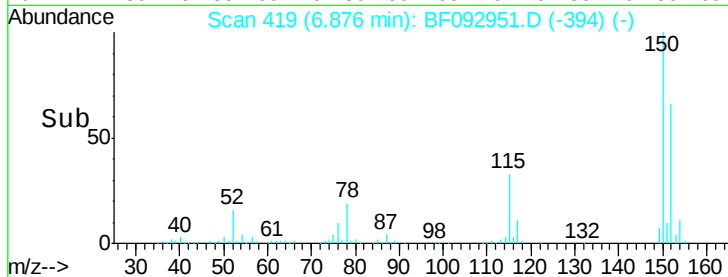
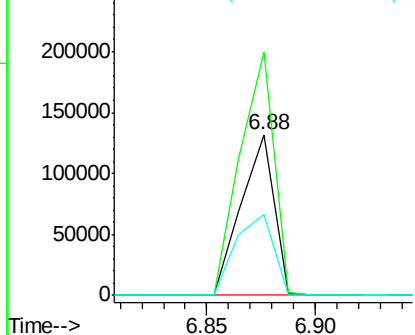
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF092951.D
 Acq: 15 Feb 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB96964BL

Tgt Ion:152 Resp: 138630
 Ion Ratio Lower Upper
 152 100
 150 151.6 124.9 187.3
 115 50.2 46.0 69.0



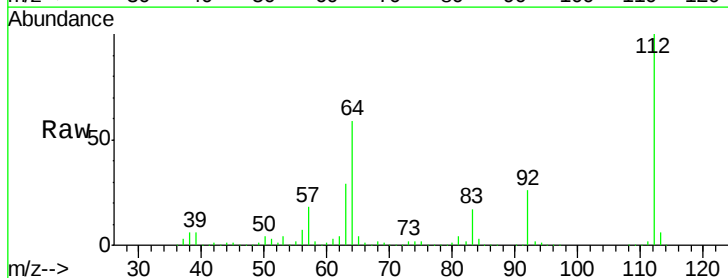
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



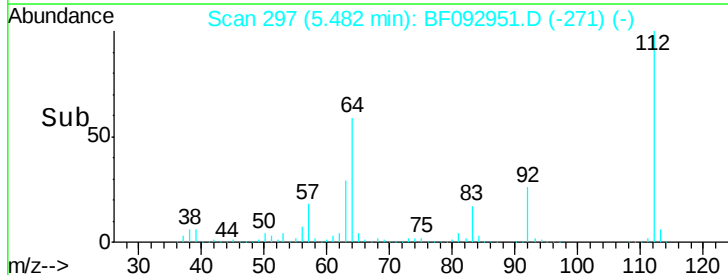
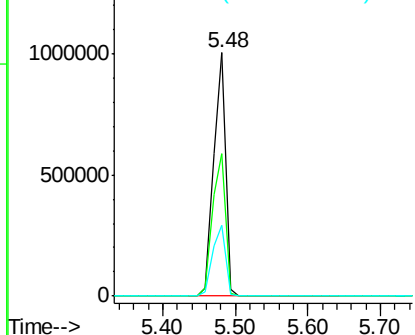
#5

2-Fluorophenol
 Concen: 141.05 ng
 RT: 5.48 min Scan# 297
 Delta R.T. 0.00 min
 Lab File: BF092951.D
 Acq: 15 Feb 2017 15:24

Tgt Ion:112 Resp: 1139780
 Ion Ratio Lower Upper
 112 100
 64 58.8 46.1 69.1
 63 29.3 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: 119.03 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092951.D

Acq: 15 Feb 2017 15:24

Instrument :

BNA_F

ClientSampled :

PB96964BL

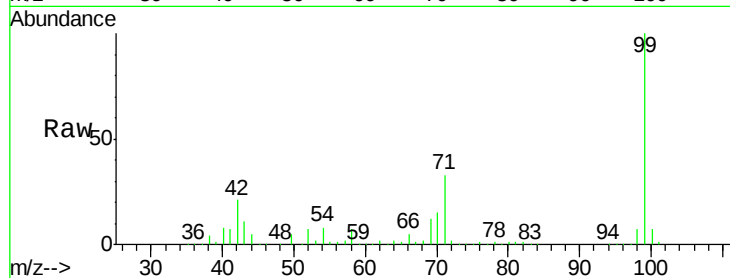
Tgt Ion: 99 Resp: 1237563

Ion Ratio Lower Upper

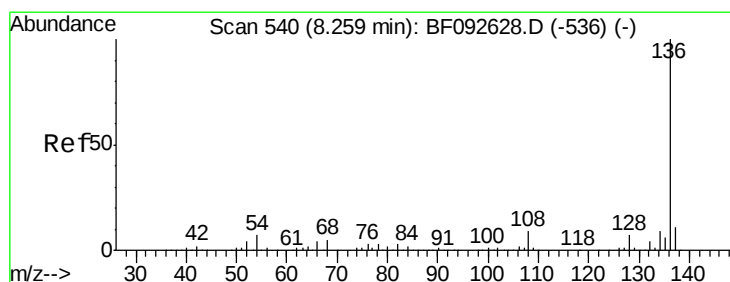
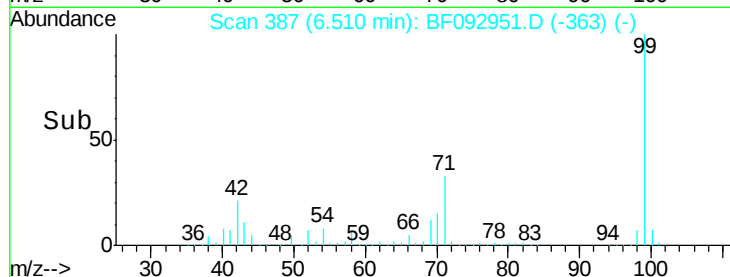
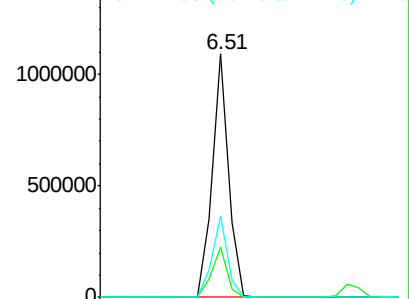
99 100

42 20.7 15.6 23.4

71 33.4 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: BF092951.D

Acq: 15 Feb 2017 15:24

Tgt Ion: 136 Resp: 560019

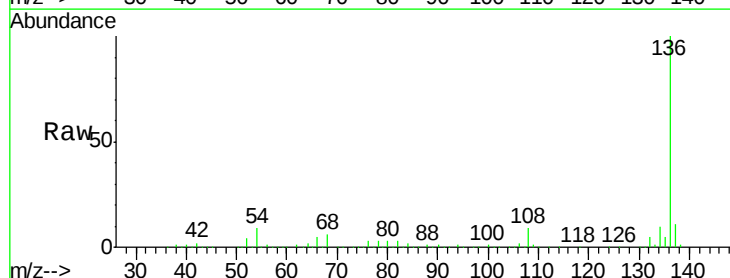
Ion Ratio Lower Upper

136 100

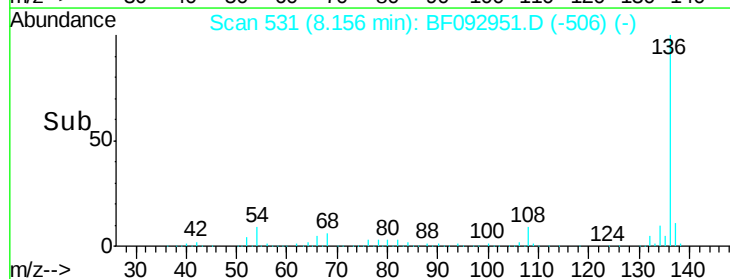
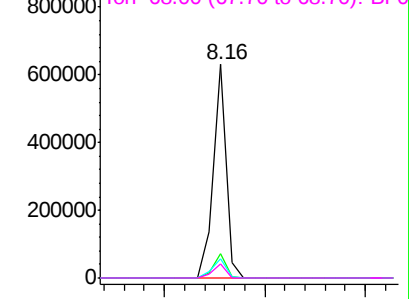
137 11.2 8.4 12.6

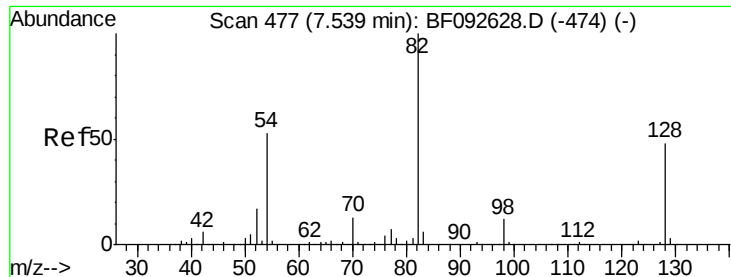
54 9.3 4.5 6.7#

68 6.5 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

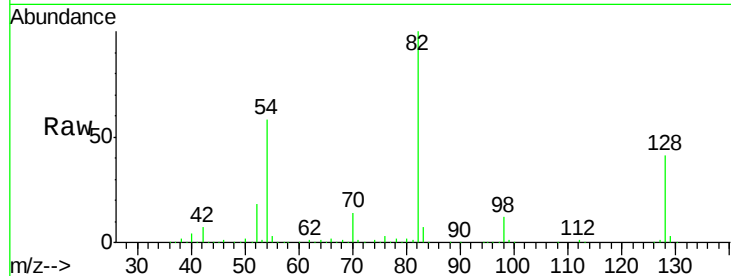




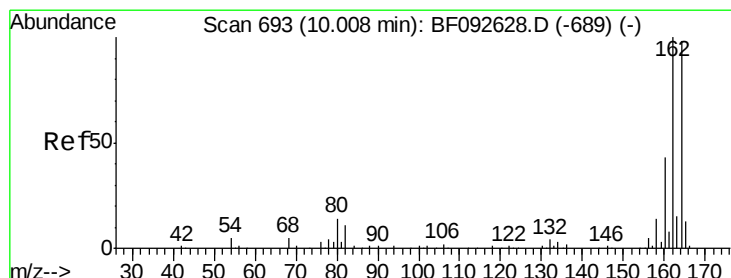
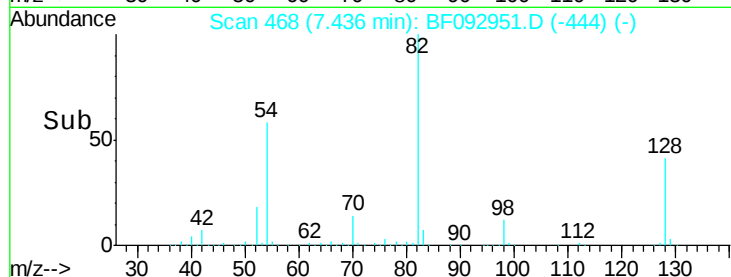
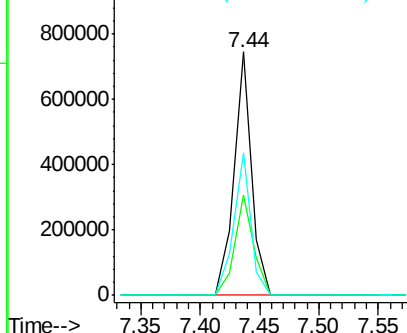
#23
 Nitrobenzene-d5
 Concen: 76.28 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF092951.D
 Acq: 15 Feb 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB96964BL

Tgt Ion: 82 Resp: 767074
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.6 52.0
 54 58.4 39.5 59.3

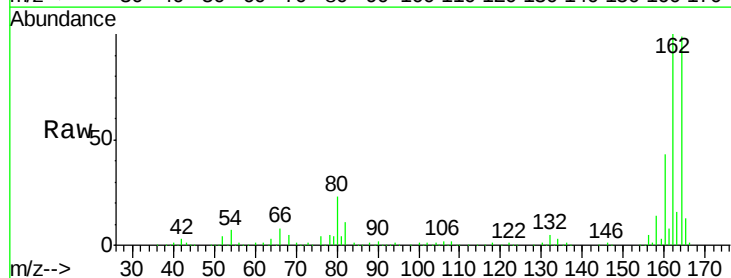


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

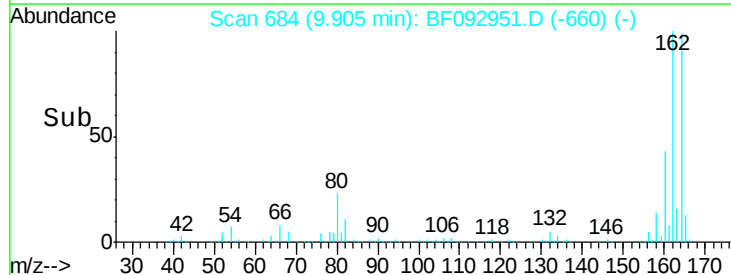
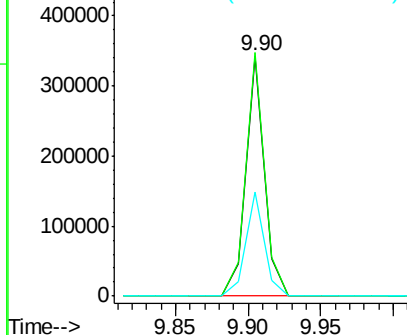


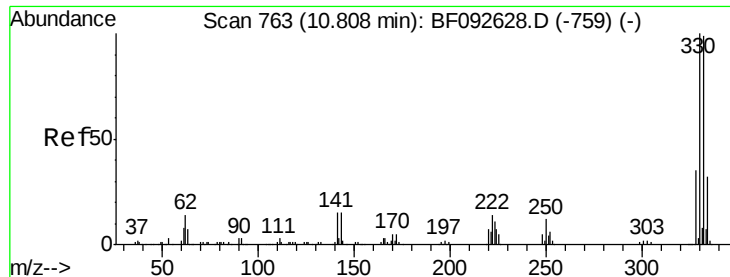
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF092951.D
 Acq: 15 Feb 2017 15:24

Tgt Ion: 164 Resp: 305695
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.2 120.2
 160 43.5 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

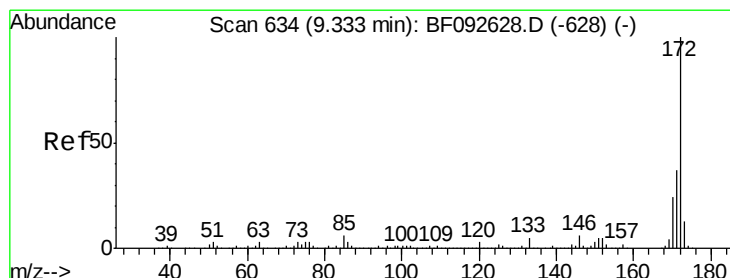
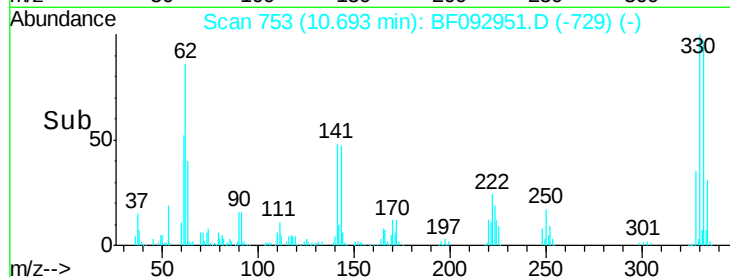
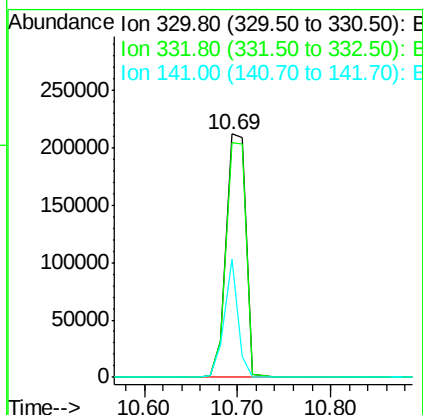
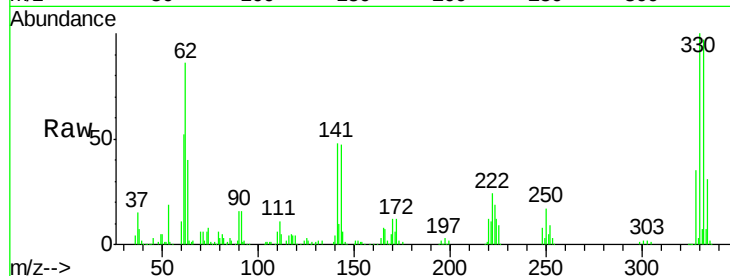




#41
 2,4,6-Tribromophenol
 Concen: 143.14 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF092951.D
 Acq: 15 Feb 2017 15:24

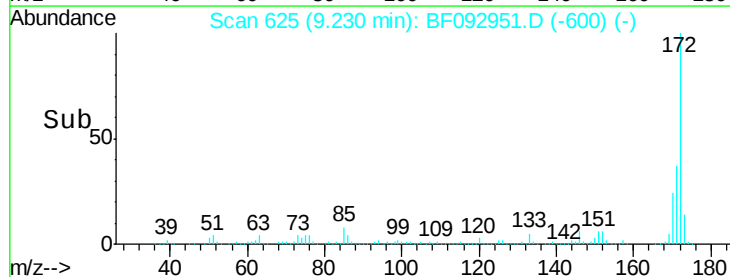
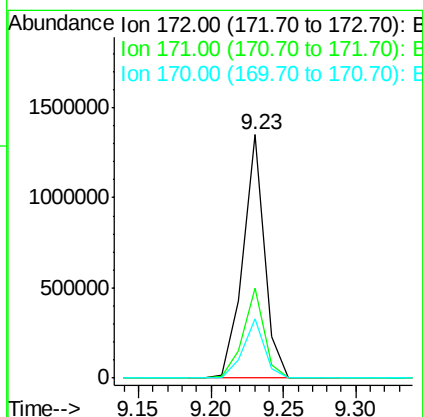
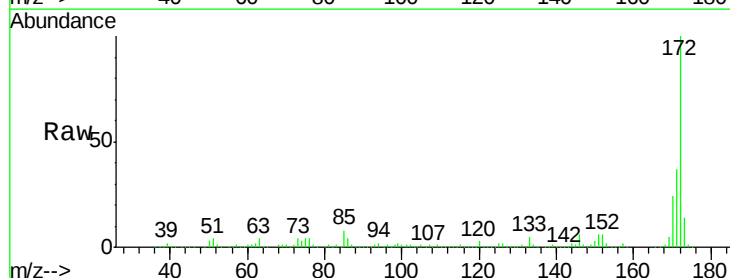
Instrument :
 BNA_F
 ClientSampled :
 PB96964BL

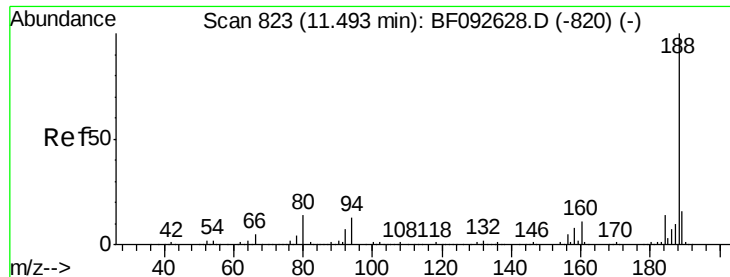
Tgt Ion:330 Resp: 316468
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 32.9 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 82.73 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092951.D
 Acq: 15 Feb 2017 15:24

Tgt Ion:172 Resp: 1395928
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.3 20.2 30.4

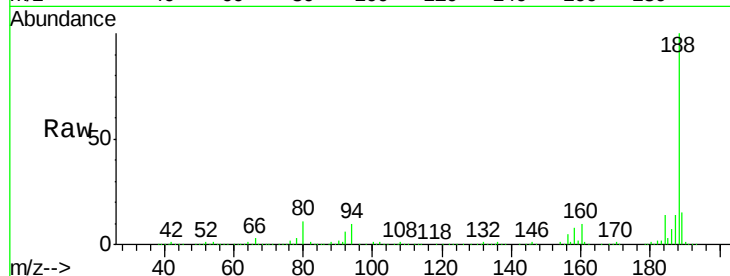




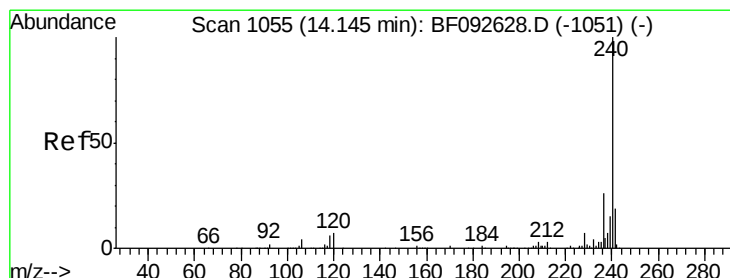
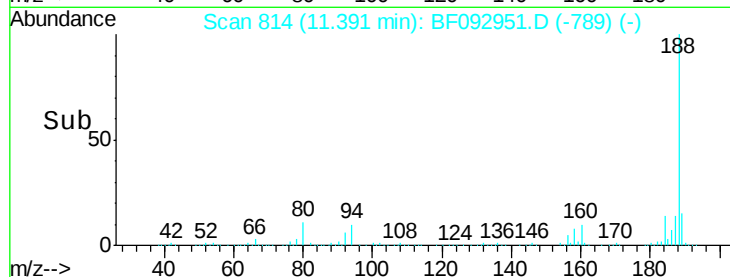
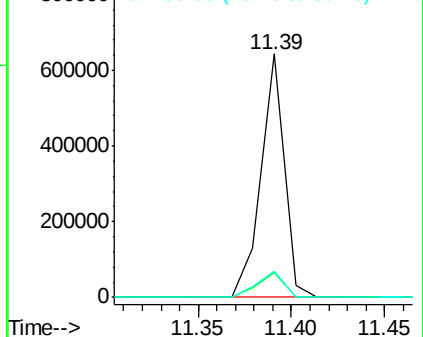
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092951.D
Acq: 15 Feb 2017 15:24

Instrument :
BNA_F
ClientSampleId :
PB96964BL

Tgt Ion:188 Resp: 555220
Ion Ratio Lower Upper
188 100
94 10.2 10.0 15.0
80 10.6 11.2 16.8#

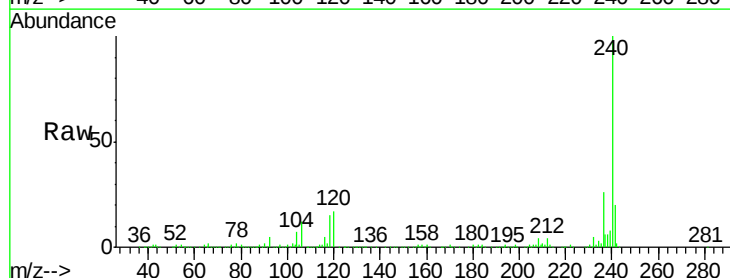


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

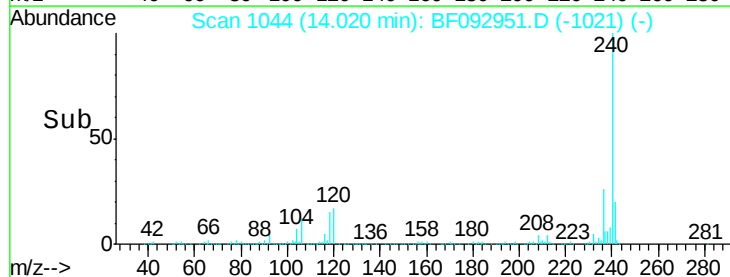
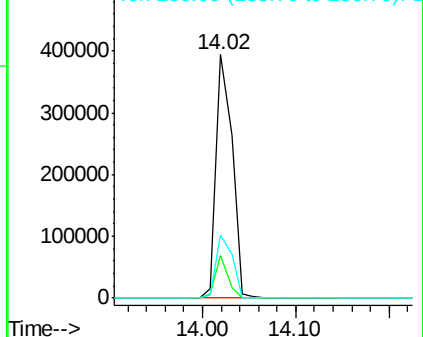


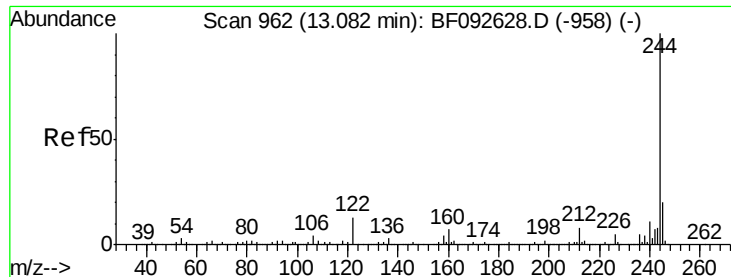
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF092951.D
Acq: 15 Feb 2017 15:24

Tgt Ion:240 Resp: 471671
Ion Ratio Lower Upper
240 100
120 17.4 12.9 19.3
236 25.9 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

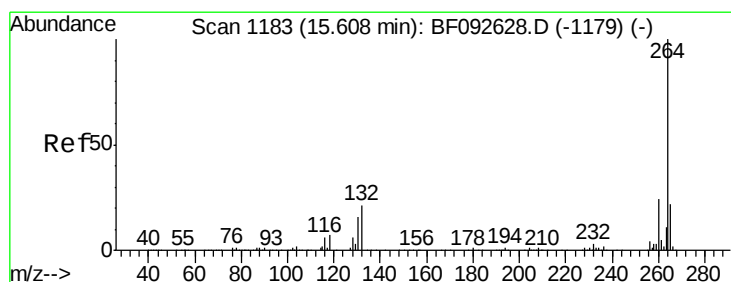
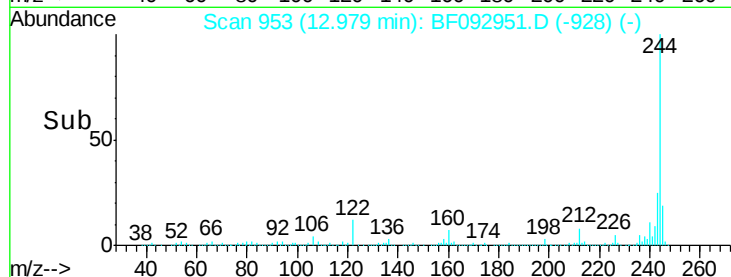
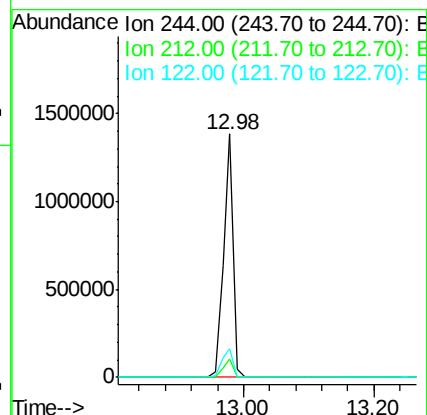
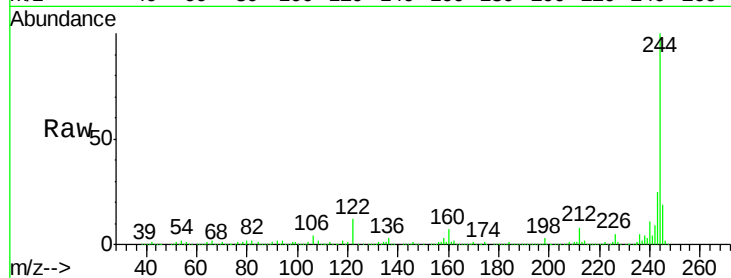




#78
 Terphenyl-d14
 Concen: 72.06 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092951.D
 Acq: 15 Feb 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB96964BL

Tgt Ion:244 Resp: 1446450
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 11.7 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF092951.D
 Acq: 15 Feb 2017 15:24

Tgt Ion:264 Resp: 414449
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.1 17.4 26.0

