

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
 Data File : BF092830.D
 Acq On : 7 Feb 2017 16:11
 Operator : SJ/MA
 Sample : PB96775BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BL

Quant Time: Feb 07 23:59:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 23:52:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	146382	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	614313	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	323651	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	459411	20.00	ng	0.00
75) Chrysene-d12	14.08	240	307838	20.00	ng	0.00
86) Perylene-d12	15.53	264	247424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1138986	133.49	ng	0.01
7) Phenol-d6	6.56	99	1487414	135.49	ng	0.01
23) Nitrobenzene-d5	7.47	82	964462	87.43	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	250816	107.15	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1649303	92.32	ng	0.00
78) Terphenyl-d14	13.03	244	1106349	84.45	ng	0.00

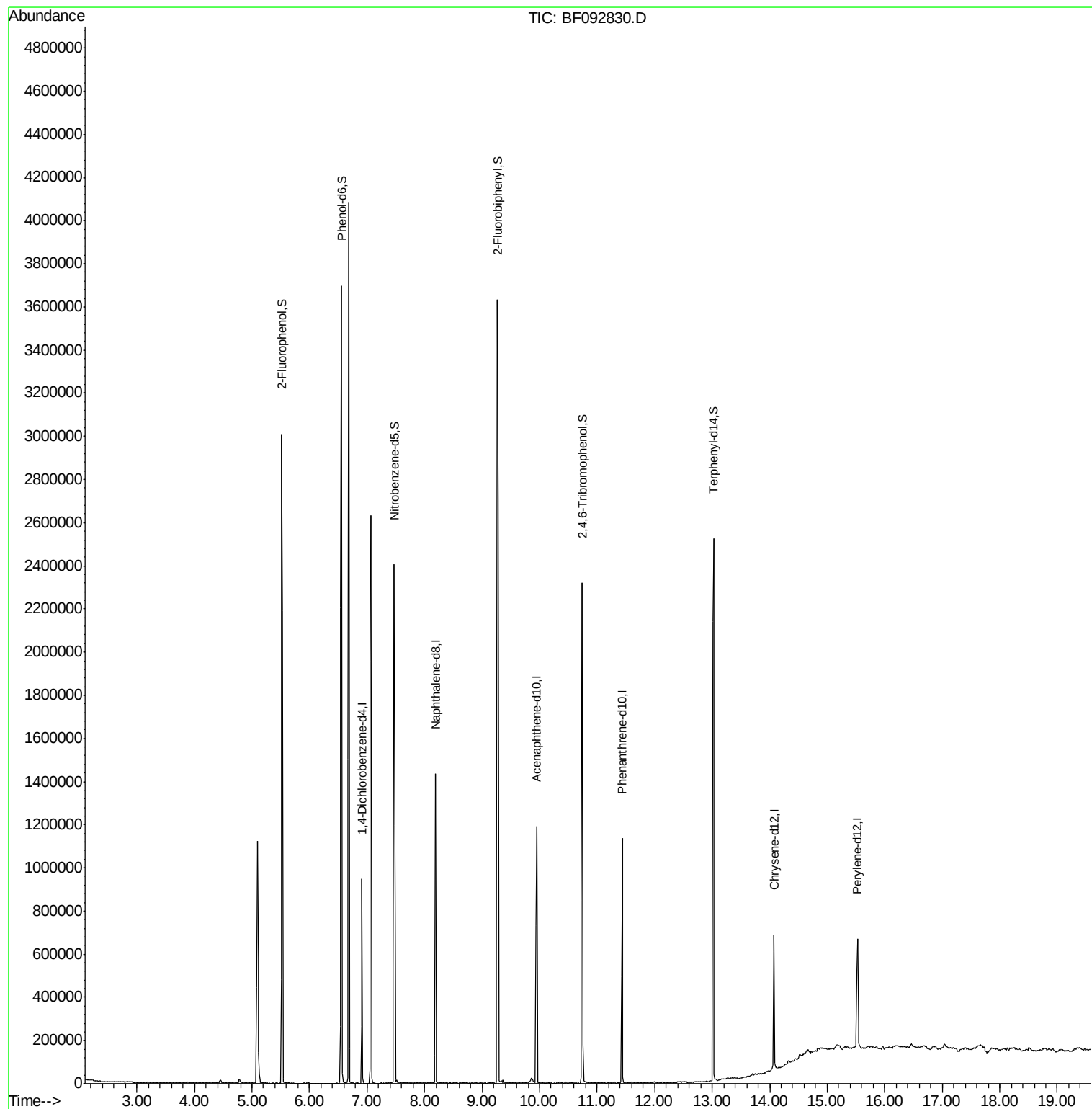
Target Compounds Qvalue

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

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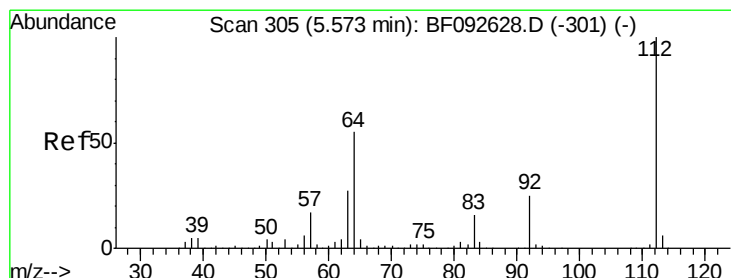
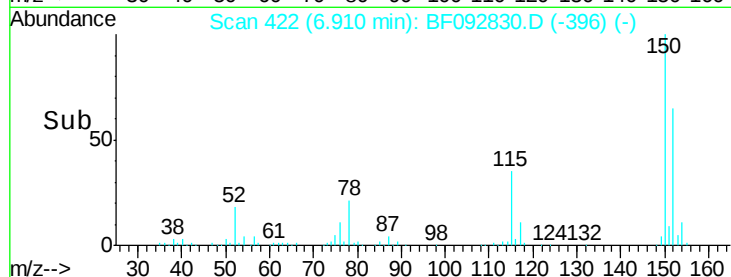
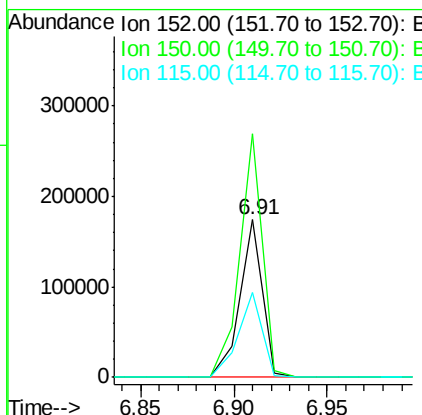
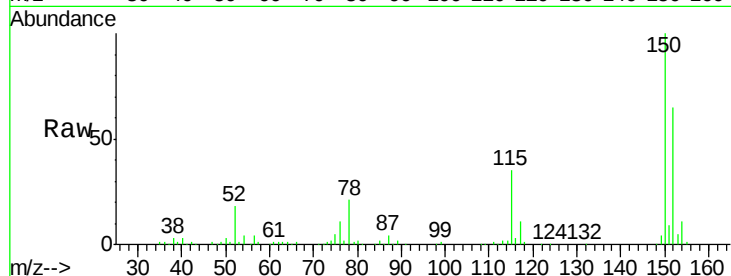


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF092830.D
Acq: 7 Feb 2017 16:11

Instrument :
BNA_F
ClientSampleId :
PB96775BL

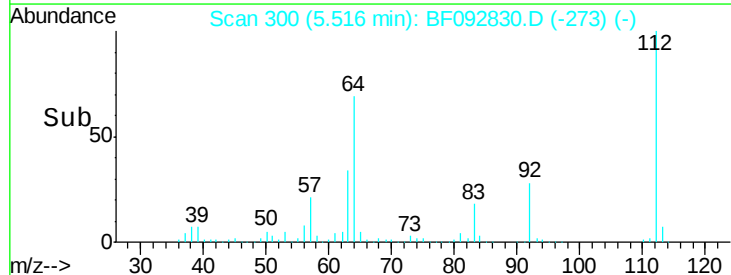
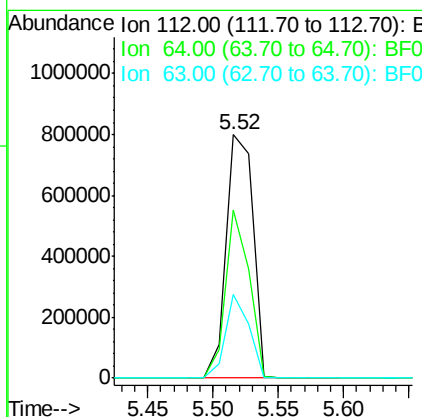
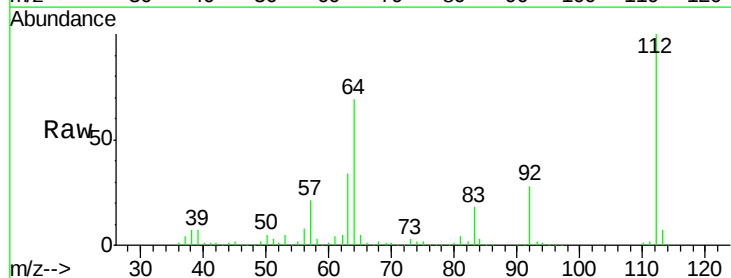
Tot Ion:152 Resp: 146382
Ion Ratio Lower Upper
152 100
150 154.7 124.9 187.3
115 54.1 46.0 69.0

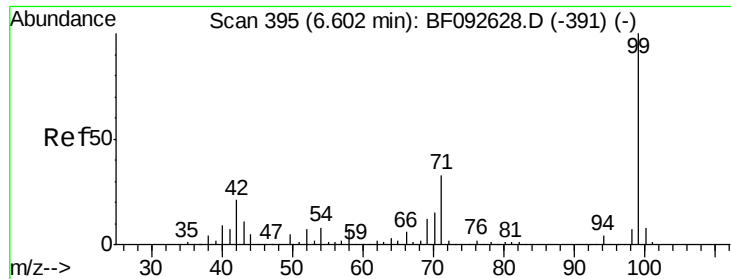


#5

2-Fluorophenol
Concen: 133.49 ng
RT: 5.52 min Scan# 300
Delta R.T. 0.01 min
Lab File: BF092830.D
Acq: 7 Feb 2017 16:11

Tgt Ion:112 Resp: 1138986
Ion Ratio Lower Upper
112 100
64 69.0 46.1 69.1
63 34.4 23.8 35.6





#7

Phenol-d6

Concen: 135.49 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF092830.D

Acq: 7 Feb 2017 16:11

Instrument :

BNA_F

ClientSampleId :

PB96775BL

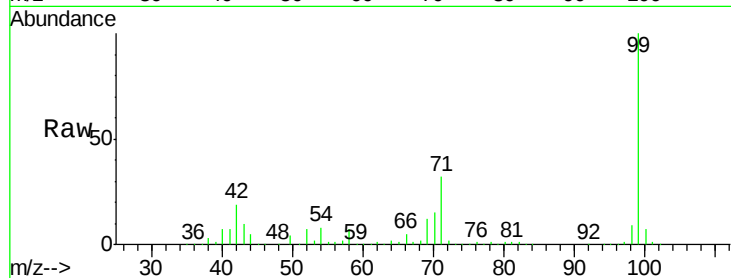
Tot Ion: 99 Resp: 1487414

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

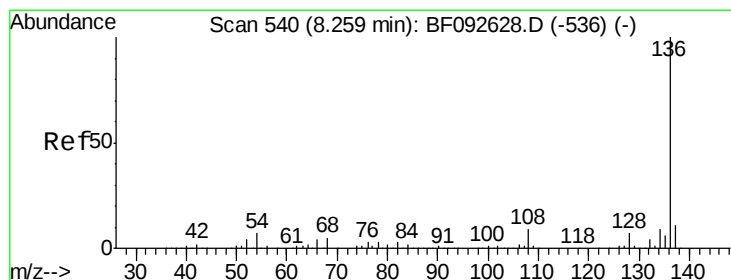
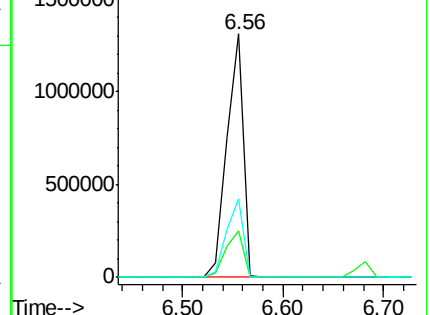
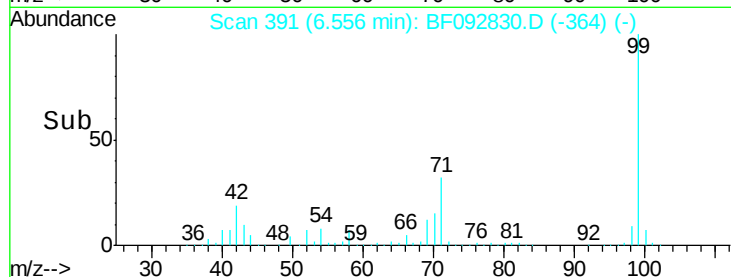
71 32.4 27.5 41.3



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: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF092830.D

Acq: 7 Feb 2017 16:11

Tgt Ion: 136 Resp: 614313

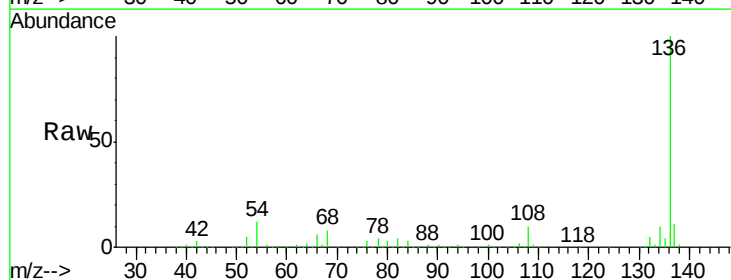
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 11.5 4.5 6.7#

68 8.3 3.6 5.4#

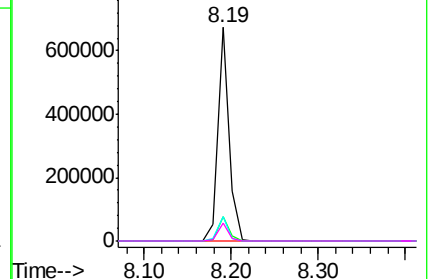
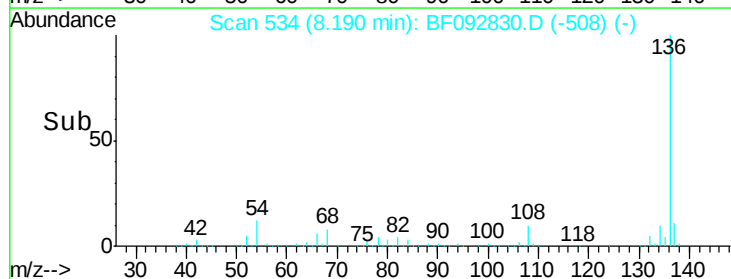


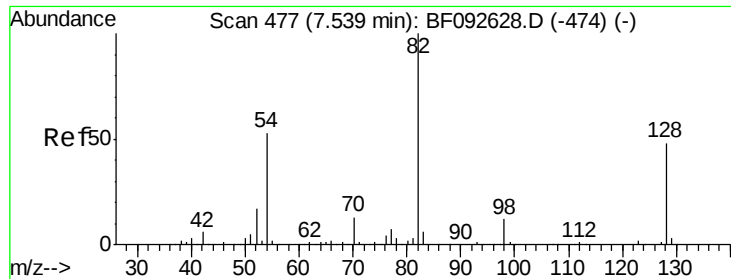
Abundance Ion 136.00 (135.70 to 136.70): E

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

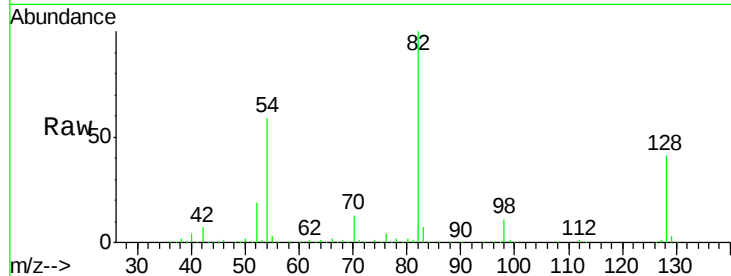




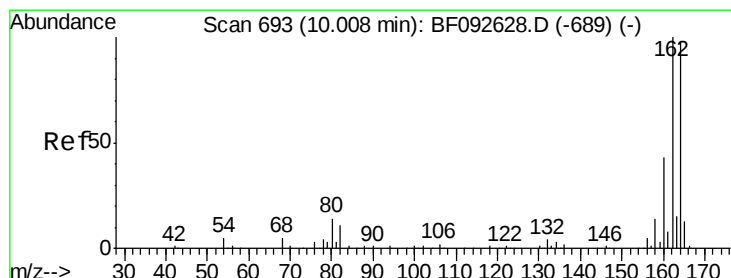
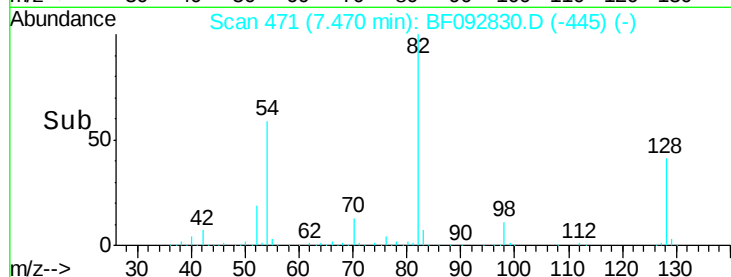
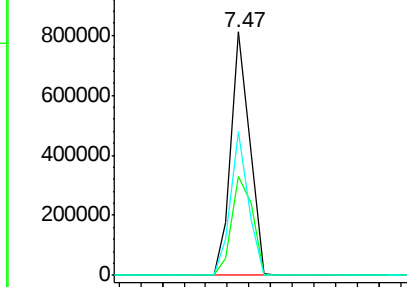
#23
 Nitrobenzene-d5
 Concen: 87.43 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF092830.D
 Acq: 7 Feb 2017 16:11

Instrument :
 BNA_F
 ClientSampled :
 PB96775BL

Tot Ion: 82 Resp: 964462
 Ion Ratio Lower Upper
 82 100
 128 40.7 34.6 52.0
 54 59.1 39.5 59.3

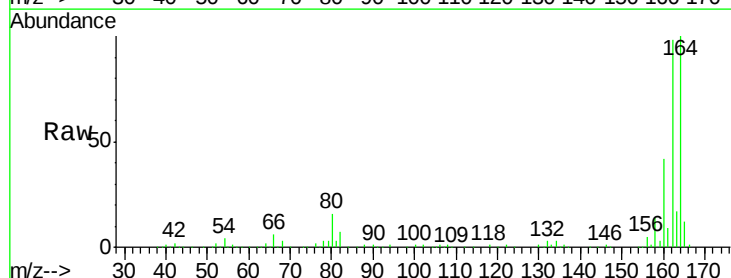


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

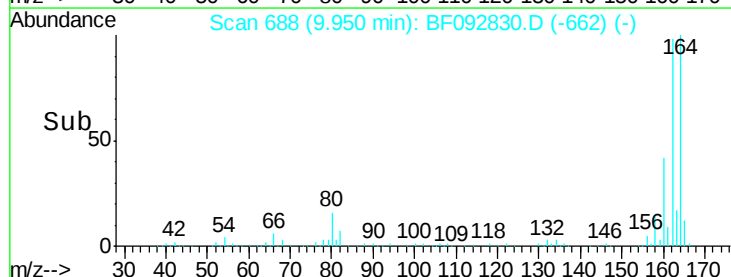
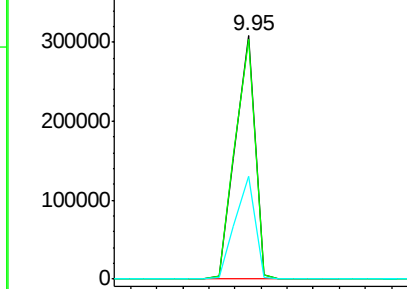


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF092830.D
 Acq: 7 Feb 2017 16:11

Tgt Ion:164 Resp: 323651
 Ion Ratio Lower Upper
 164 100
 162 98.3 80.2 120.2
 160 42.1 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

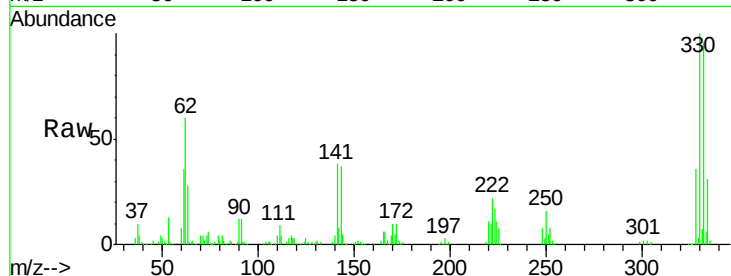




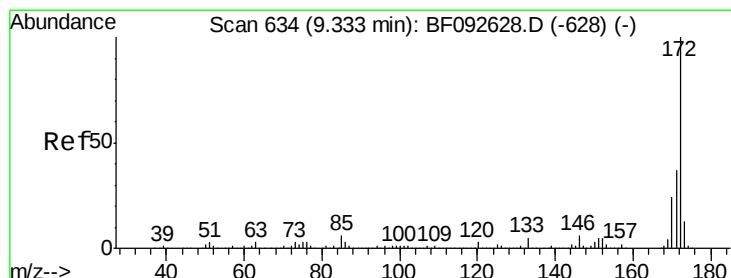
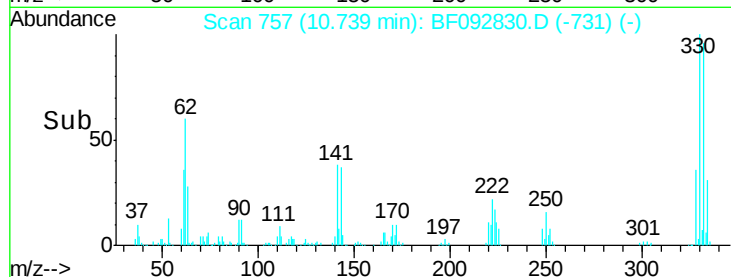
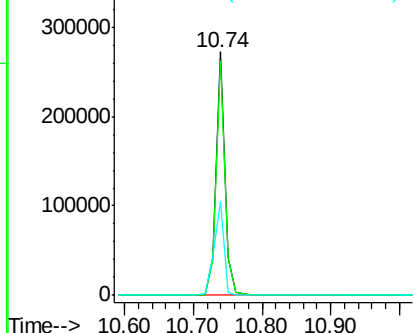
#41
 2,4,6-Tribromophenol
 Concen: 107.15 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF092830.D
 Acq: 7 Feb 2017 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.2
141	42.4	34.1	51.1

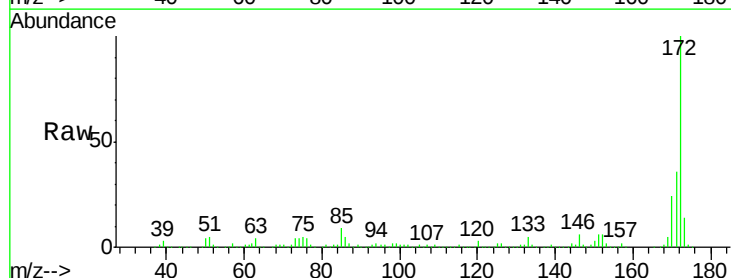


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

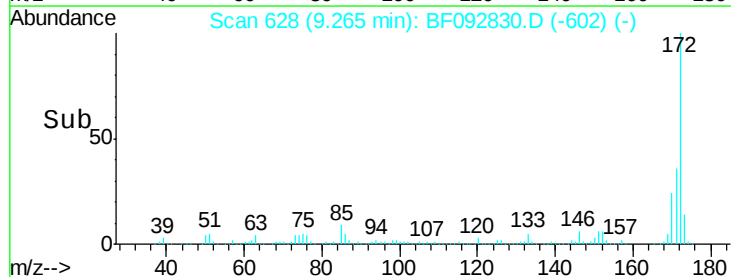
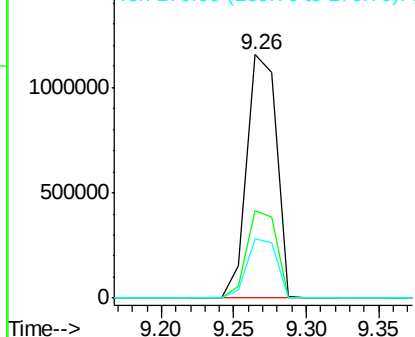


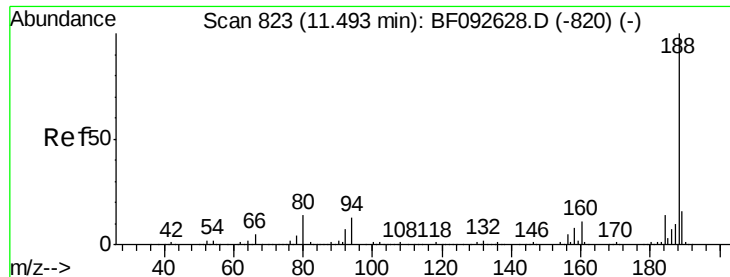
#44
 2-Fluorobiphenyl
 Concen: 92.32 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF092830.D
 Acq: 7 Feb 2017 16:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.5	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

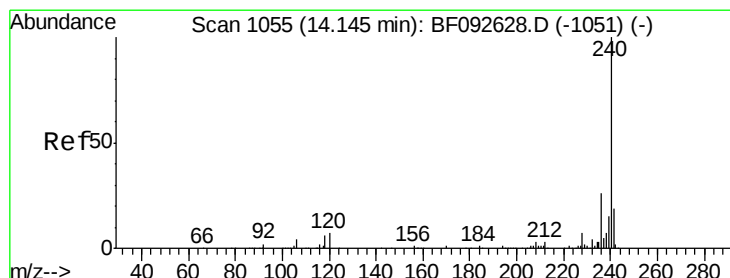
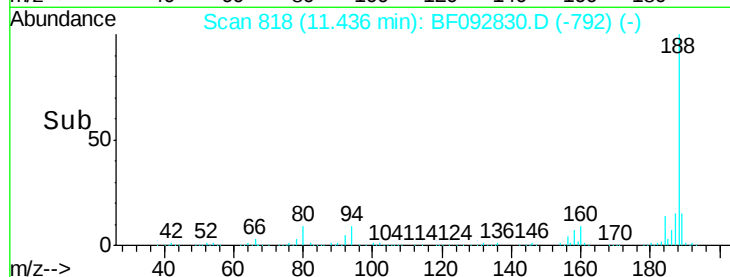
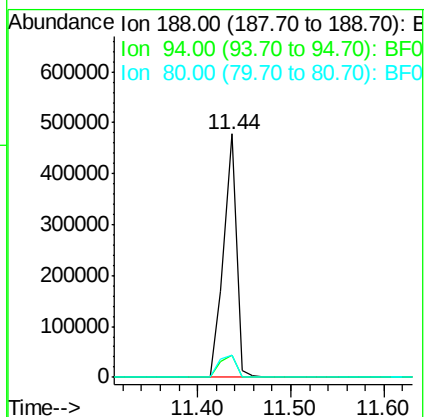
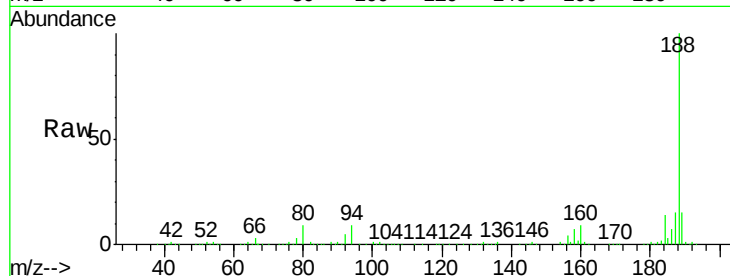




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF092830.D
Acq: 7 Feb 2017 16:11

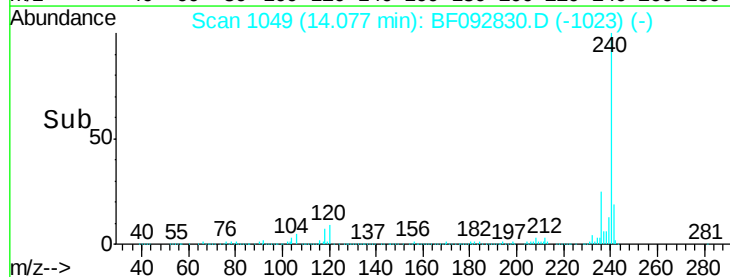
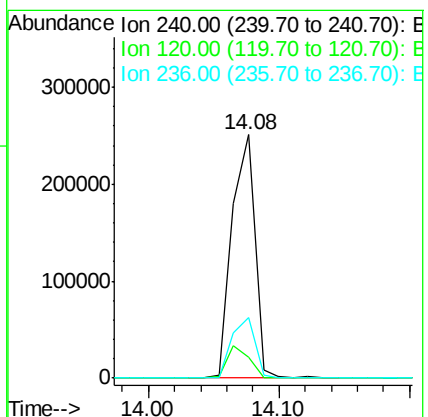
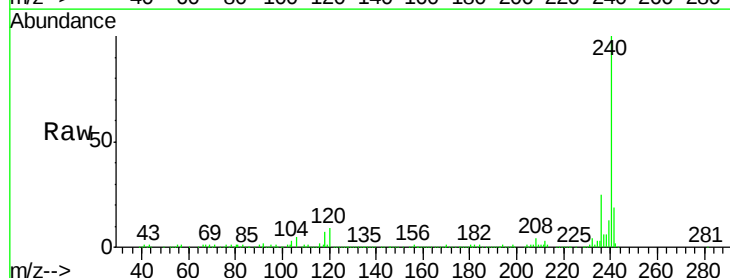
Instrument :
BNA_F
ClientSampleId :
PB96775BL

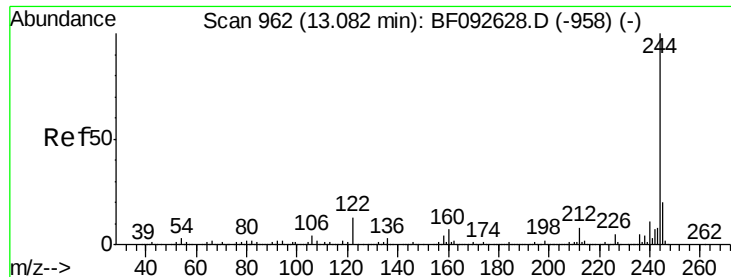
Tot Ion:188 Resp: 459411
Ion Ratio Lower Upper
188 100
94 9.1 10.0 15.0#
80 9.2 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF092830.D
Acq: 7 Feb 2017 16:11

Tgt Ion:240 Resp: 307838
Ion Ratio Lower Upper
240 100
120 8.6 12.9 19.3#
236 25.0 20.9 31.3

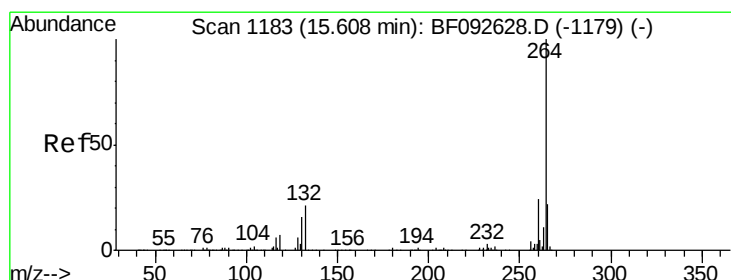
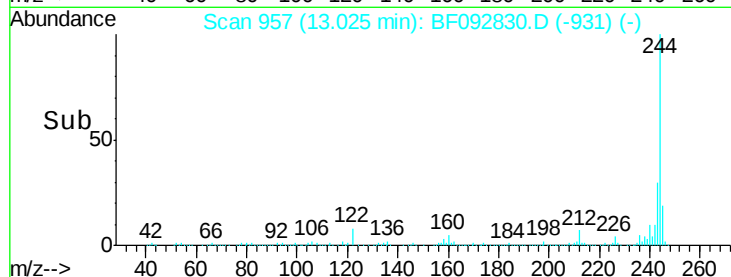
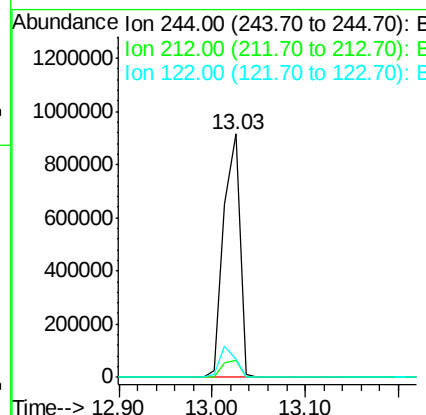
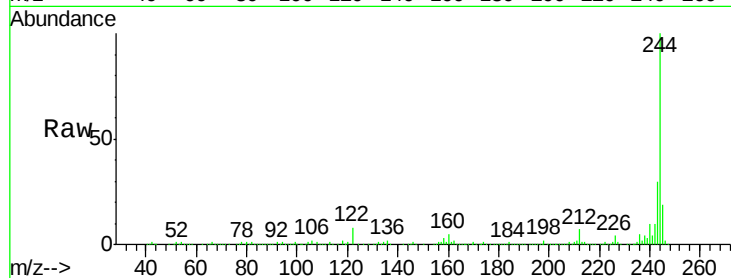




#78
 Terphenyl-d14
 Concen: 84.45 ng
 RT: 13.03 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF092830.D
 Acq: 7 Feb 2017 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BL

Tot Ion:244 Resp: 1106349
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 7.6 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF092830.D
 Acq: 7 Feb 2017 16:11

Tgt Ion:264 Resp: 247424
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.1 17.4 26.0

