

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
 Data File : BF084794.D
 Acq On : 3 Feb 2016 19:42
 Operator : SJ/IZ
 Sample : PB88152BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88152BL

Quant Time: Feb 04 00:48:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	168181	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	716285	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	330933	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	609695	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	549122	20.00	ng	0.00
86) Perylene-d12	15.21	264	381760	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1106377	102.47	ng	0.01
7) Phenol-d6	6.34	99	1412015	105.49	ng	0.00
23) Nitrobenzene-d5	7.25	82	773421	60.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	323375	93.68	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1471793	70.86	ng	0.00
78) Terphenyl-d14	12.80	244	1536136	63.39	ng	0.00

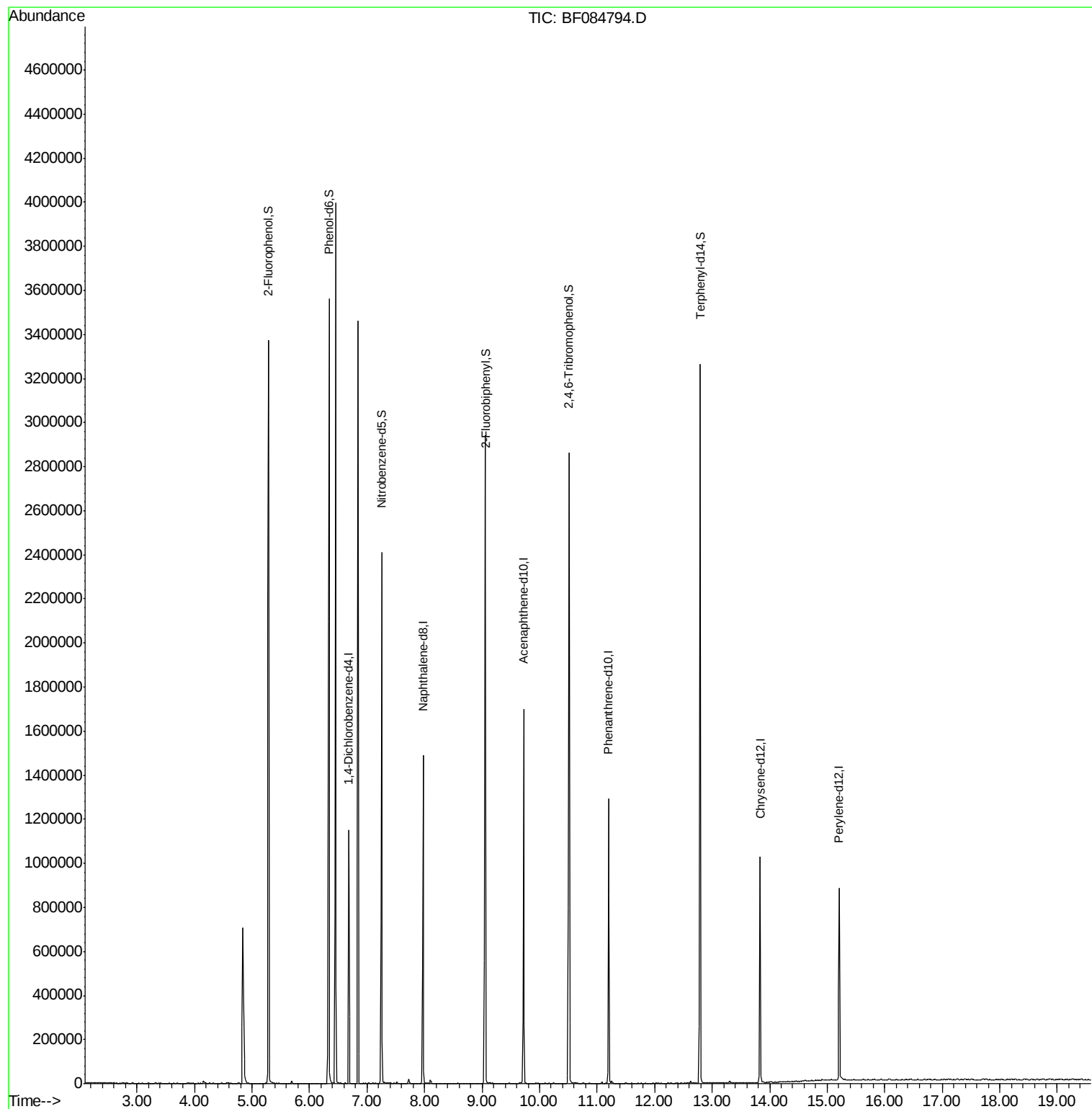
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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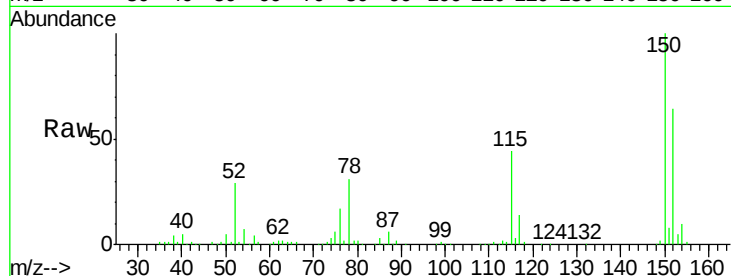


#1

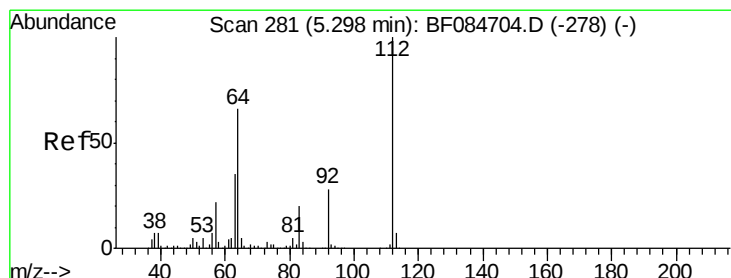
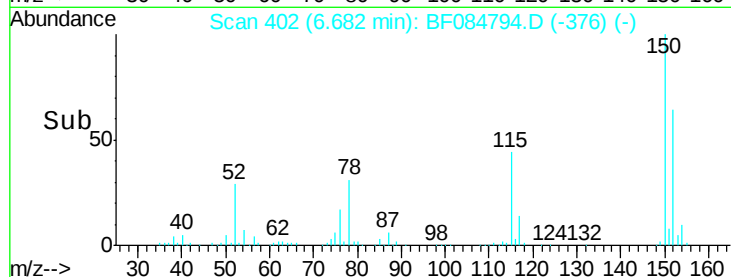
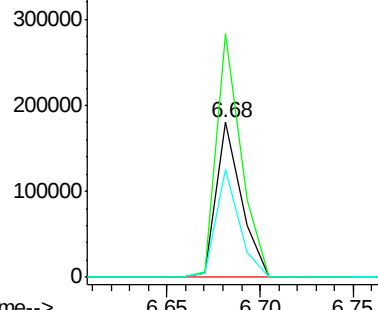
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF084794.D
Acq: 3 Feb 2016 19:42

Instrument :
BNA_F
ClientSampleId :
PB88152BL

Tot Ion:152 Resp: 168181
Ion Ratio Lower Upper
152 100
150 157.3 123.0 184.4
115 69.6 51.4 77.2



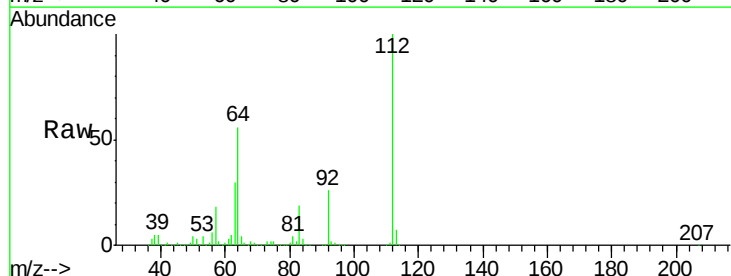
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



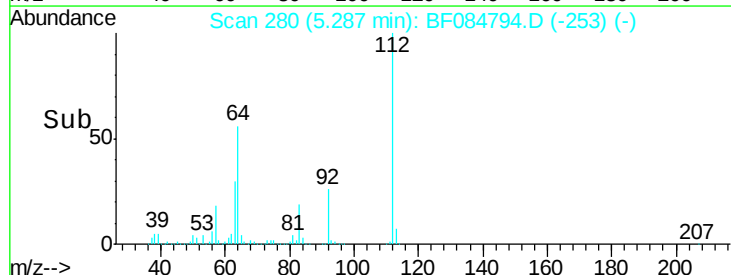
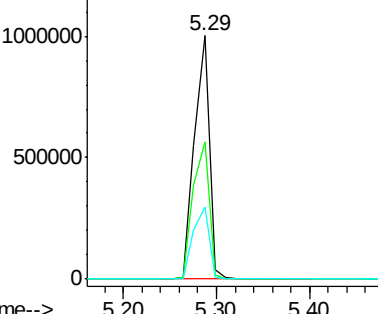
#5

2-Fluorophenol
Concen: 102.47 ng
RT: 5.29 min Scan# 280
Delta R.T. 0.01 min
Lab File: BF084794.D
Acq: 3 Feb 2016 19:42

Tgt Ion:112 Resp: 1106377
Ion Ratio Lower Upper
112 100
64 56.4 36.6 55.0#
63 29.8 19.4 29.0#



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: 105.49 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF084794.D

Acq: 3 Feb 2016 19:42

Instrument :

BNA_F

ClientSampleId :

PB88152BL

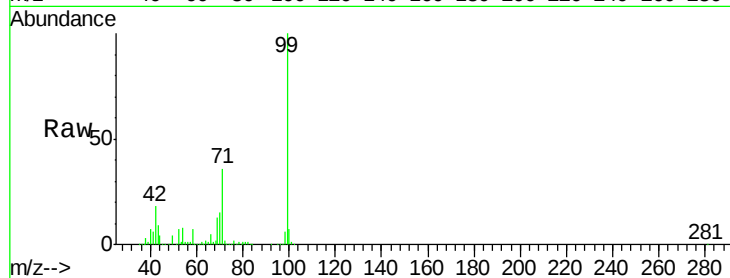
Tot Ion: 99 Resp: 1412015

Ion Ratio Lower Upper

99 100

42 17.8 12.8 19.2

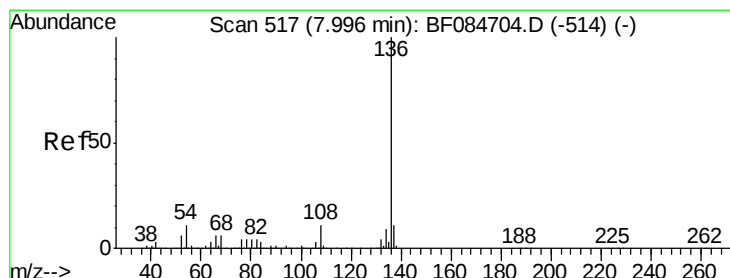
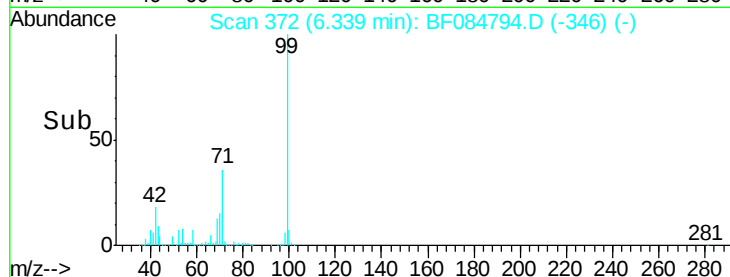
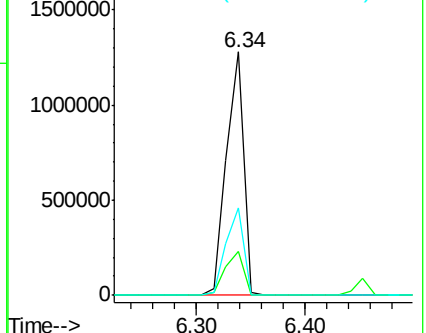
71 35.9 30.9 46.3



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: 7.97 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF084794.D

Acq: 3 Feb 2016 19:42

Tgt Ion: 136 Resp: 716285

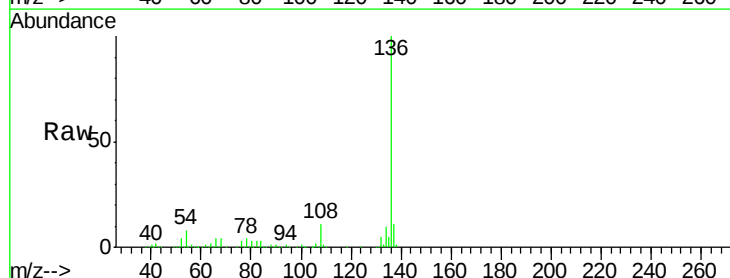
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.7 5.8 8.8

68 4.3 4.2 6.2

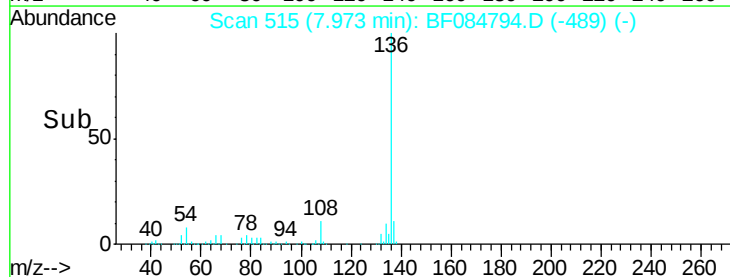
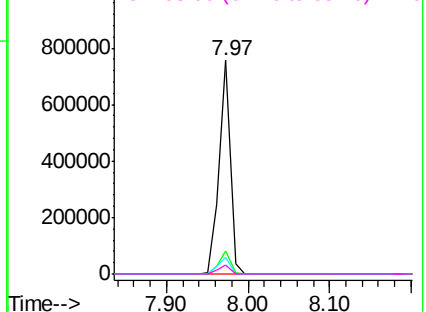


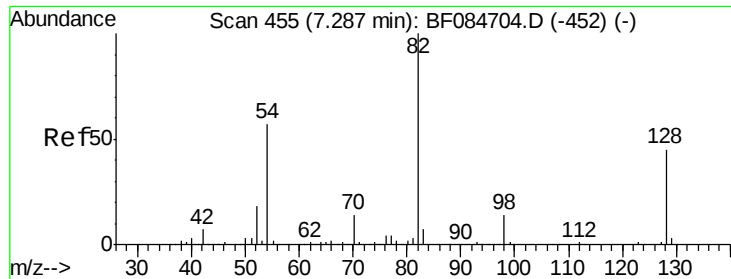
Abundance Ion 136.00 (135.70 to 136.70): E

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

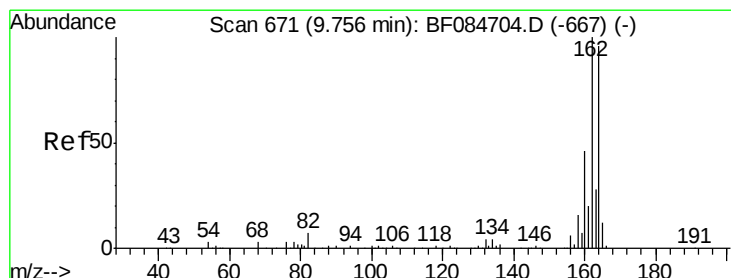
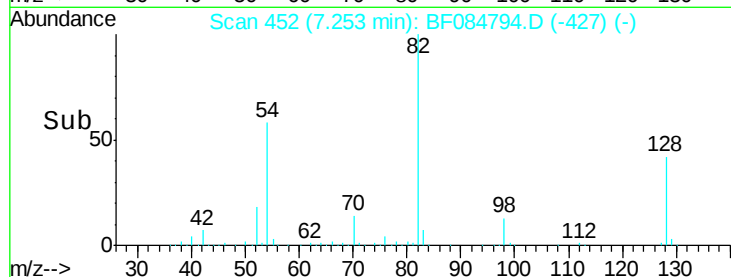
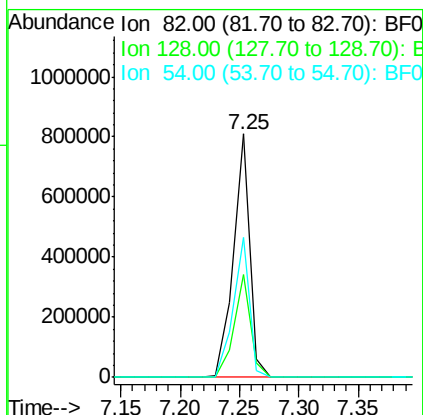
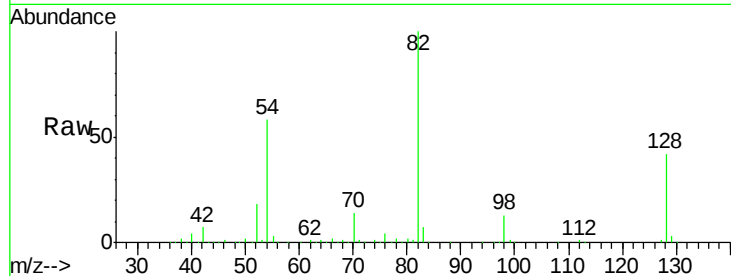




#23
 Nitrobenzene-d5
 Concen: 60.83 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF084794.D
 Acq: 3 Feb 2016 19:42

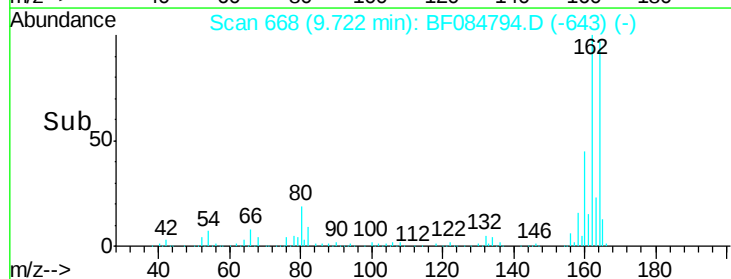
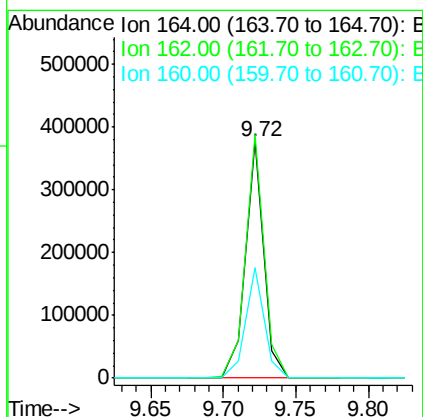
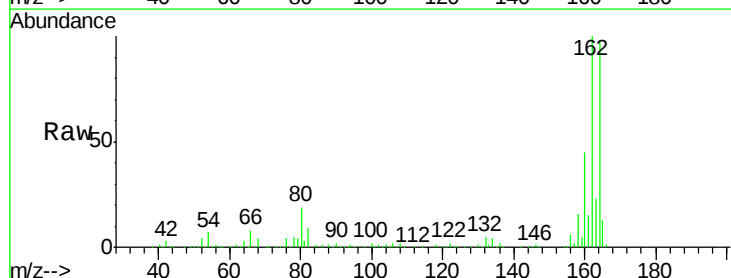
Instrument :
 BNA_F
 ClientSampled :
 PB88152BL

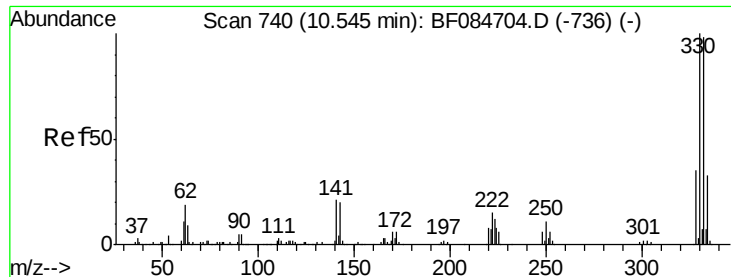
Tot Ion: 82 Resp: 773421
 Ion Ratio Lower Upper
 82 100
 128 42.2 34.6 51.8
 54 57.6 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF084794.D
 Acq: 3 Feb 2016 19:42

Tgt Ion:164 Resp: 330933
 Ion Ratio Lower Upper
 164 100
 162 102.9 85.1 127.7
 160 46.7 37.5 56.3

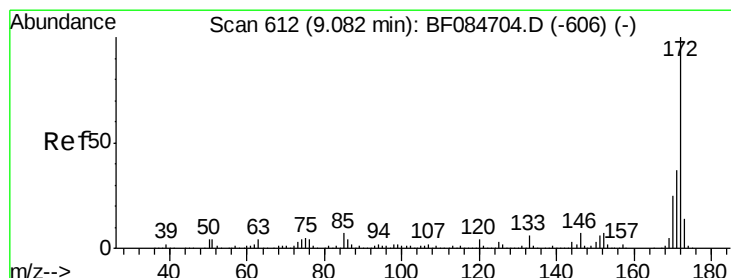
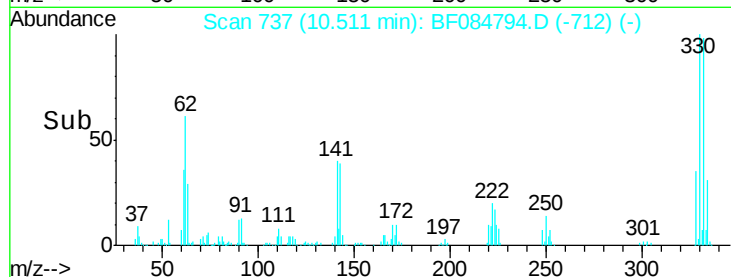
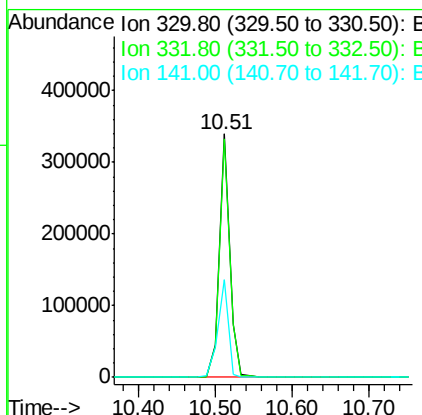
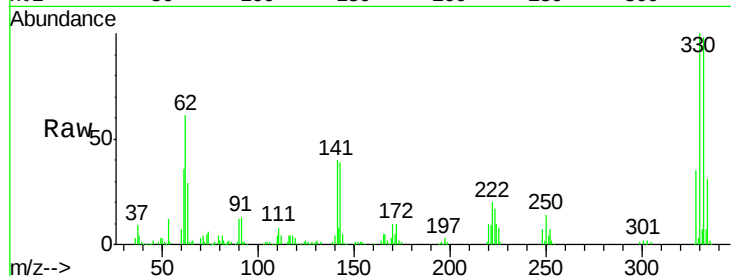




#41
 2,4,6-Tribromophenol
 Concen: 93.68 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084794.D
 Acq: 3 Feb 2016 19:42

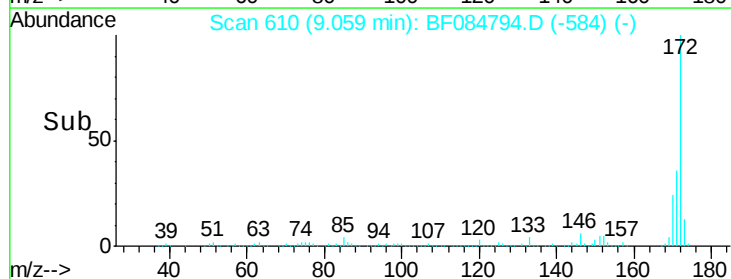
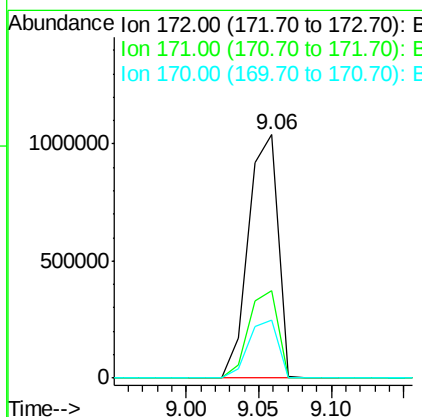
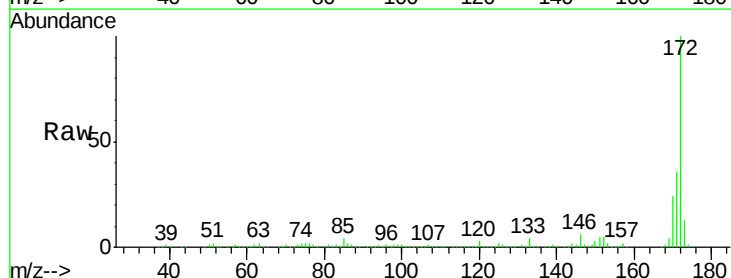
Instrument :
 BNA_F
 ClientSampleId :
 PB88152BL

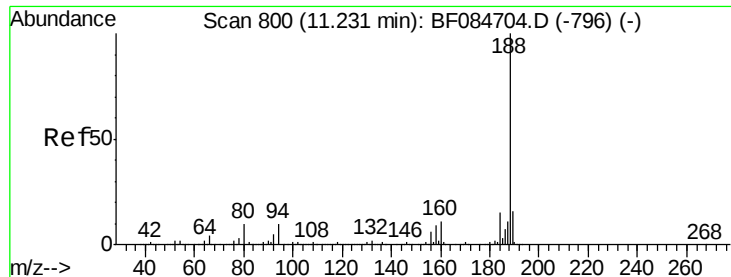
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	39.3	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 70.86 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF084794.D
 Acq: 3 Feb 2016 19:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	24.1	18.6	27.8

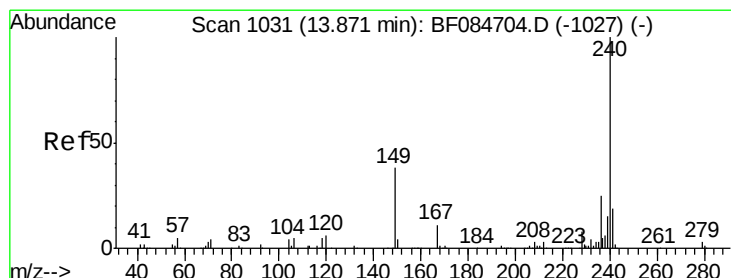
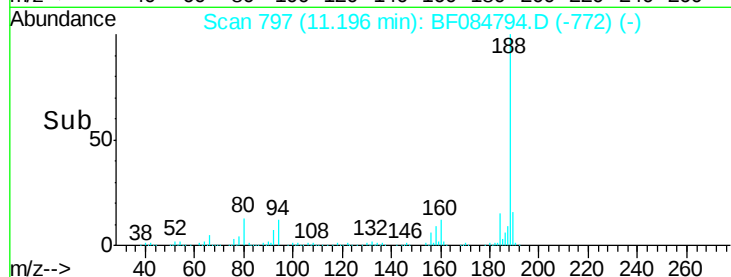
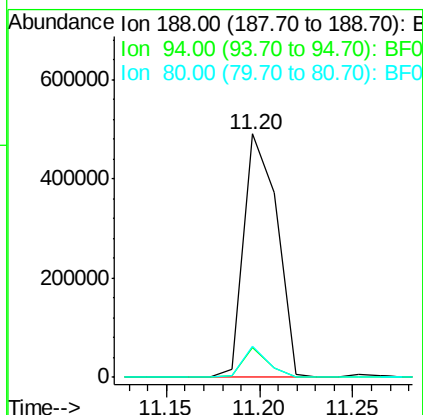
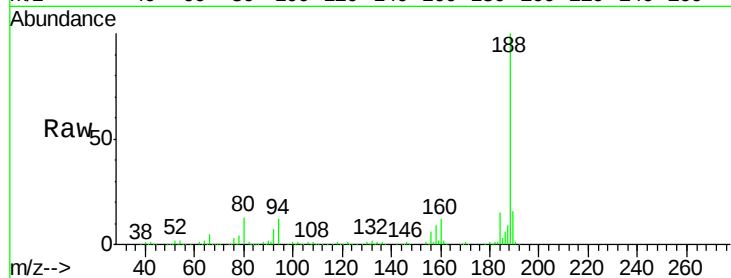




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF084794.D
Acq: 3 Feb 2016 19:42

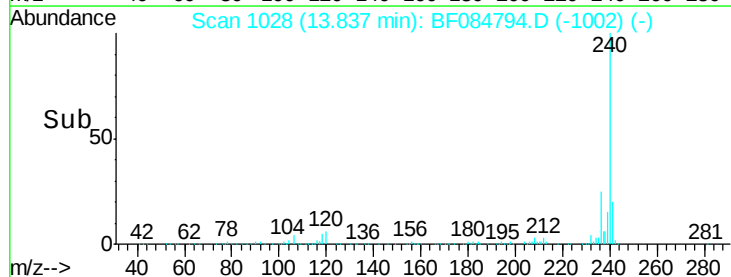
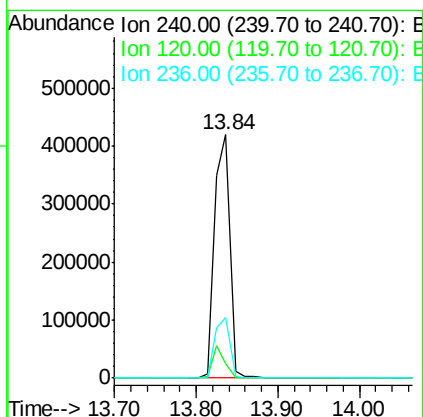
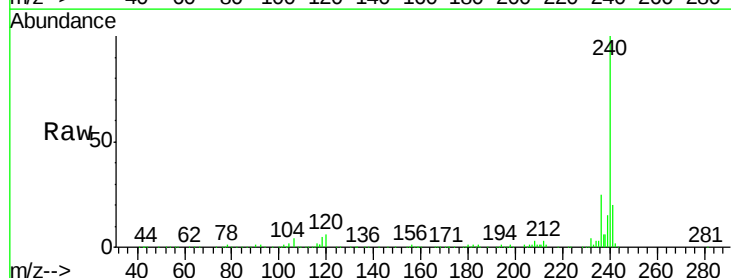
Instrument :
BNA_F
ClientSampleId :
PB88152BL

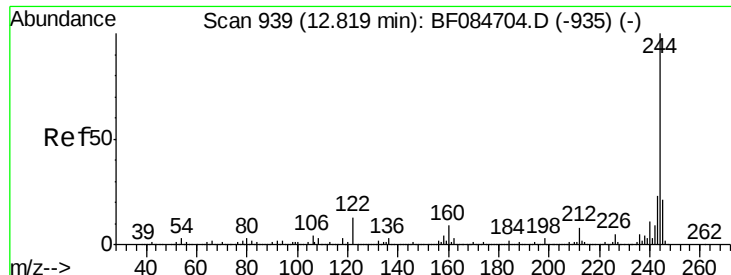
Tot Ion:188 Resp: 609695
Ion Ratio Lower Upper
188 100
94 12.0 9.0 13.4
80 12.8 9.6 14.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF084794.D
Acq: 3 Feb 2016 19:42

Tgt Ion:240 Resp: 549122
Ion Ratio Lower Upper
240 100
120 5.9 9.5 14.3#
236 25.1 20.6 31.0

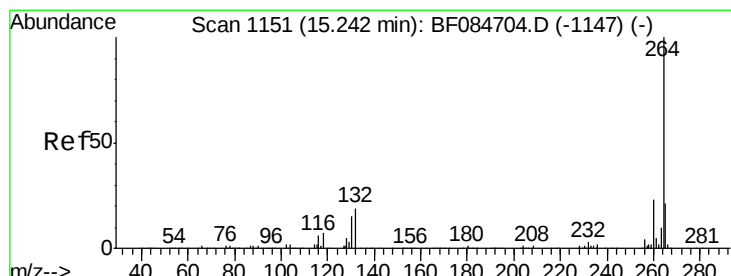
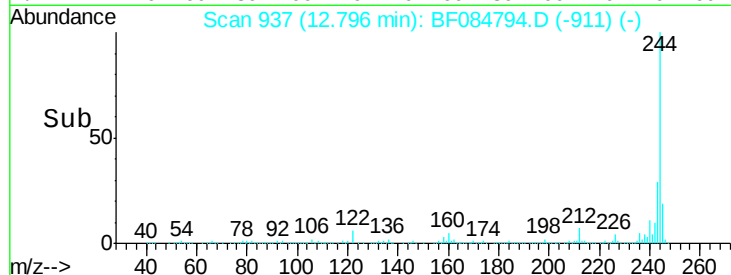
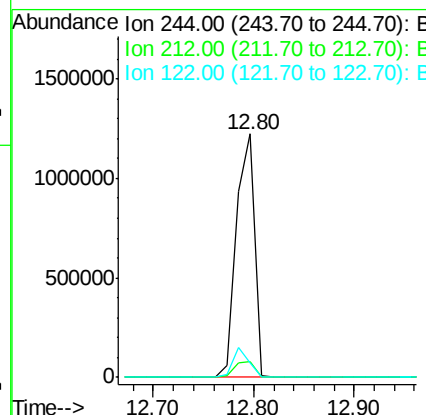
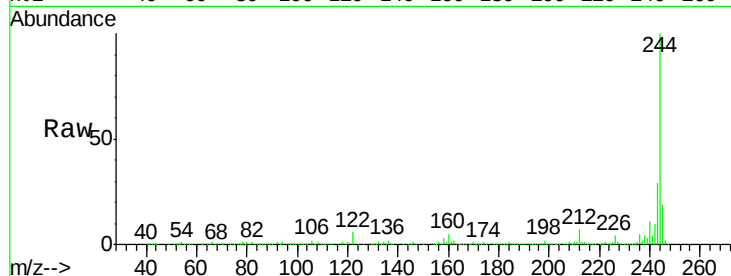




#78
 Terphenyl-d14
 Concen: 63.39 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF084794.D
 Acq: 3 Feb 2016 19:42

Instrument :
 BNA_F
 ClientSampleId :
 PB88152BL

Tot Ion:244 Resp: 1536136
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 6.1 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF084794.D
 Acq: 3 Feb 2016 19:42

Tgt Ion:264 Resp: 381760
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.4 29.2
 265 21.3 17.8 26.6

