

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
 Data File : BF083950.D
 Acq On : 19 Dec 2015 13:17
 Operator : UM/SJ
 Sample : PB87402BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BL

Quant Time: Dec 21 03:00:52 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	65727	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	278129	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	131047	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	258680	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	228989	20.00	ng	-0.02
86) Perylene-d12	15.44	264	171390	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	259285	61.74	ng	-0.01
7) Phenol-d6	6.49	99	278211	54.12	ng	-0.02
23) Nitrobenzene-d5	7.41	82	298386	61.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	81723	56.61	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	551277	55.94	ng	-0.03
78) Terphenyl-d14	12.96	244	599843	59.35	ng	-0.02

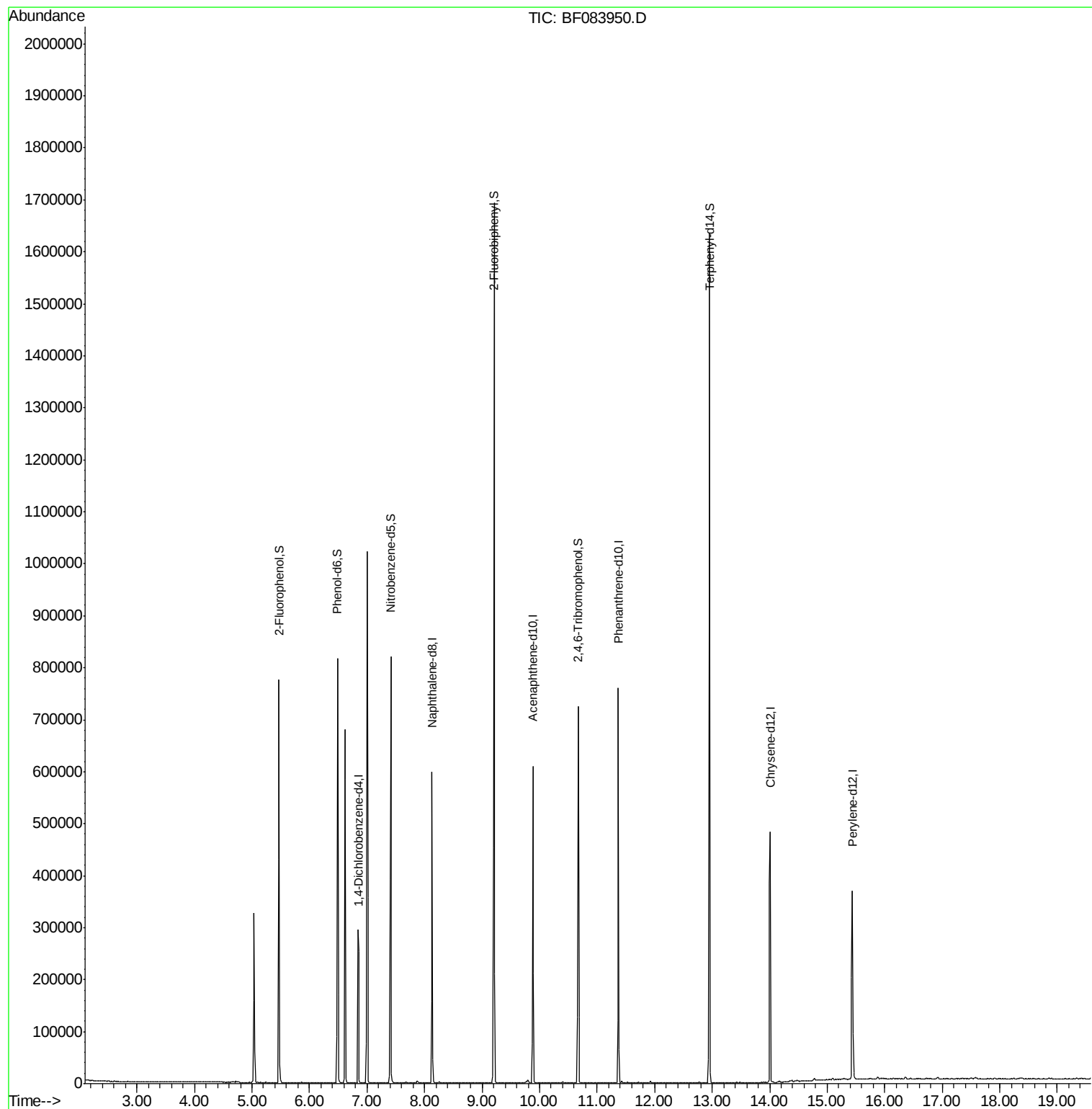
Target Compounds Qvalue

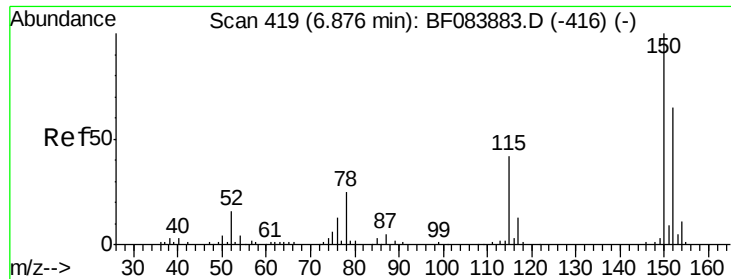
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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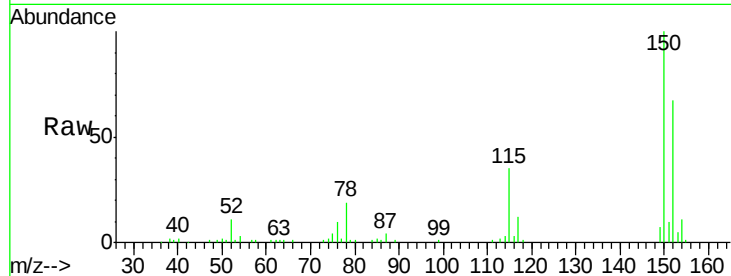


#1

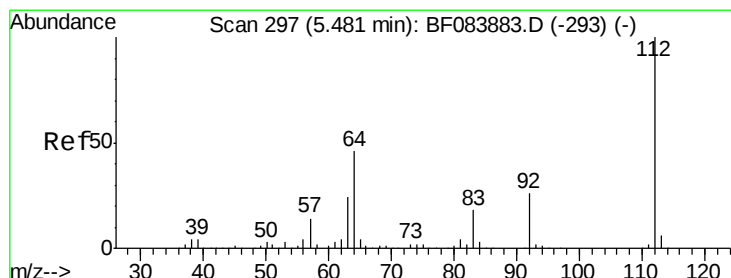
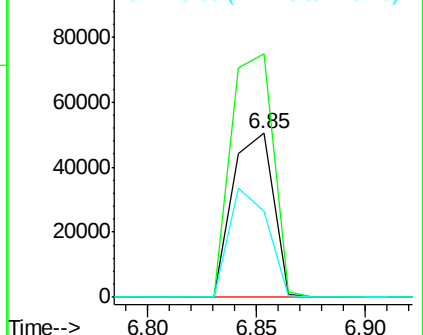
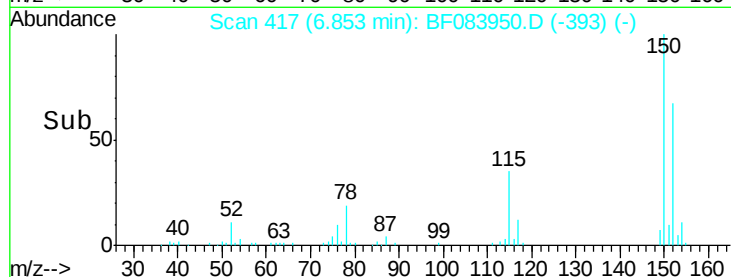
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF083950.D
 Acq: 19 Dec 2015 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.4	123.0	184.4
115	52.7	51.4	77.2



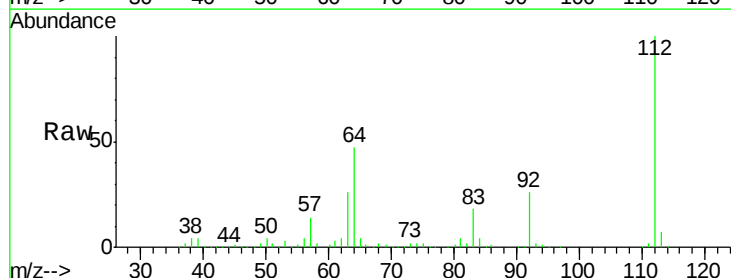
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



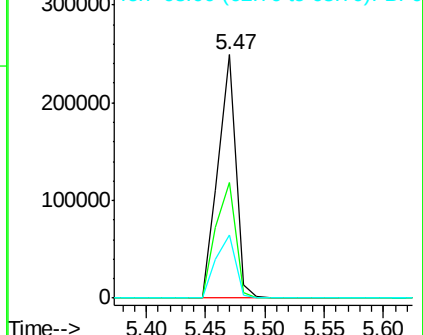
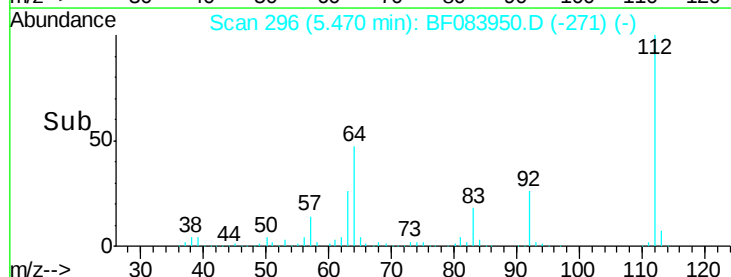
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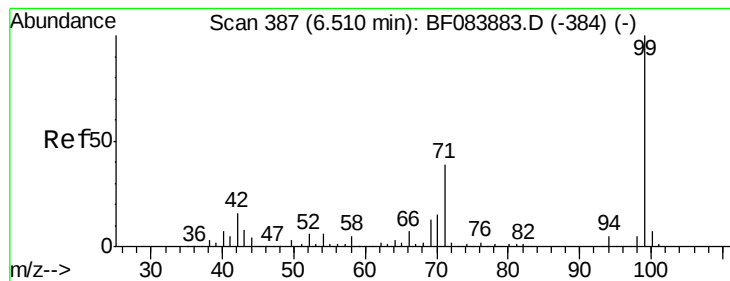
2-Fluorophenol
 Concen: 61.74 ng
 RT: 5.47 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: BF083950.D
 Acq: 19 Dec 2015 13:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.5	36.6	55.0
63	26.1	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: 54.12 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF083950.D

Acq: 19 Dec 2015 13:17

Instrument :

BNA_F

ClientSampleId :

PB87402BL

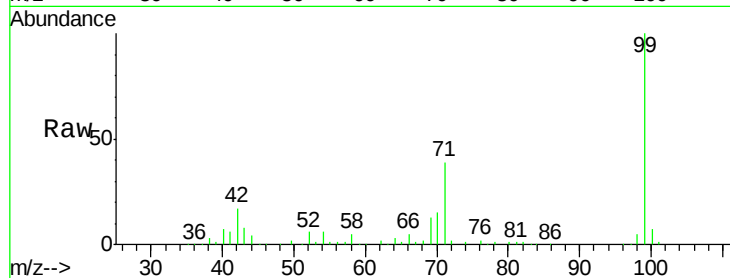
Tot Ion: 99 Resp: 278211

Ion Ratio Lower Upper

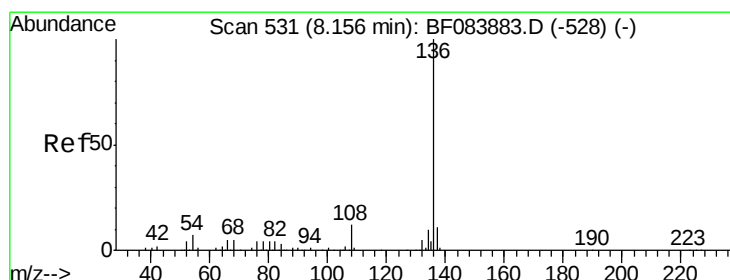
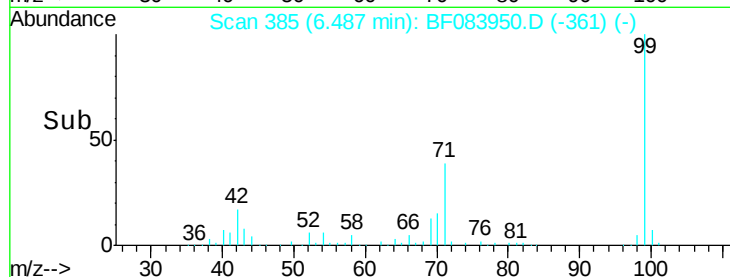
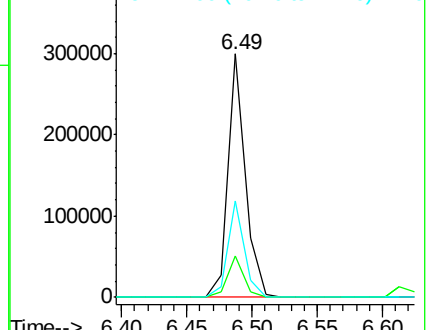
99 100

42 16.8 12.8 19.2

71 39.4 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: 8.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF083950.D

Acq: 19 Dec 2015 13:17

Tgt Ion: 136 Resp: 278129

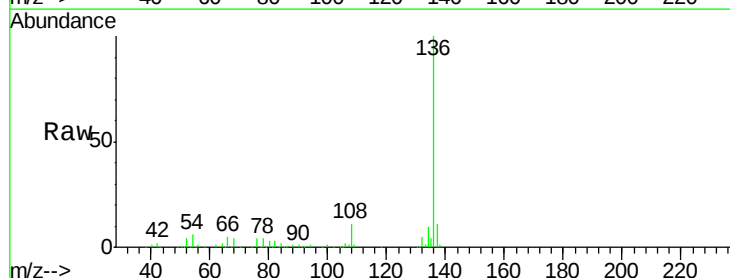
Ion Ratio Lower Upper

136 100

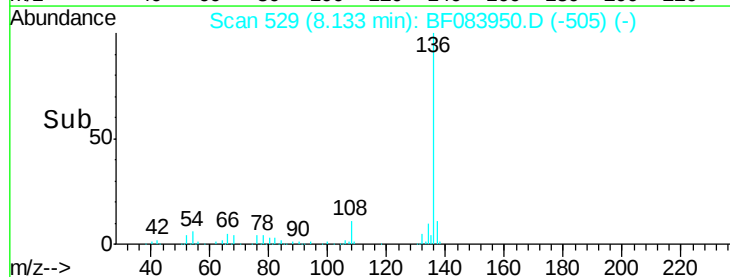
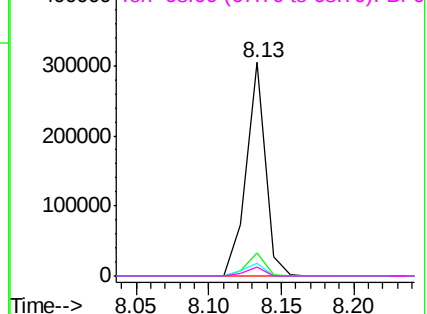
137 11.1 8.7 13.1

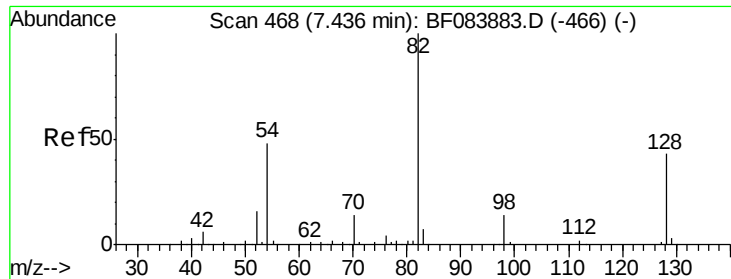
54 6.0 5.8 8.8

68 4.2 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

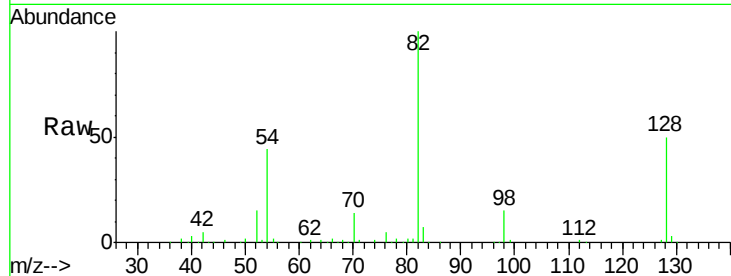




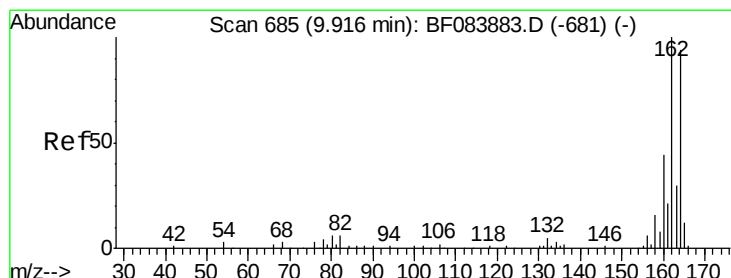
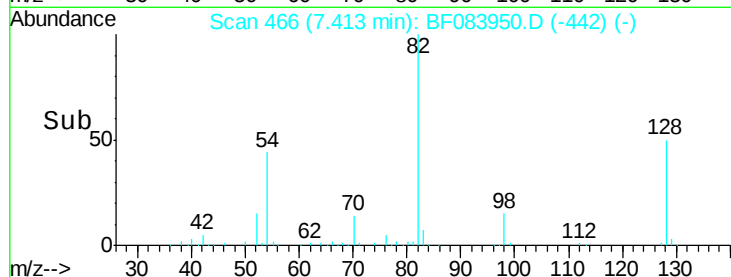
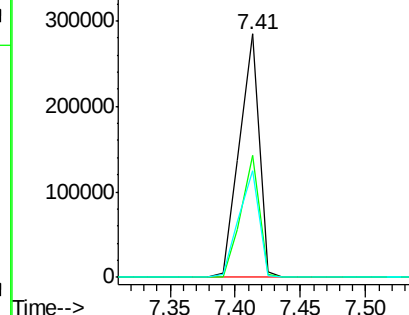
#23
 Nitrobenzene-d5
 Concen: 61.23 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF083950.D
 Acq: 19 Dec 2015 13:17

Instrument :
 BNA_F
 ClientSampleID :
 PB87402BL

Tot Ion	82	Resp	298386
Ion Ratio	100	Lower	Upper
128	49.9	34.6	51.8
54	43.7	38.4	57.6

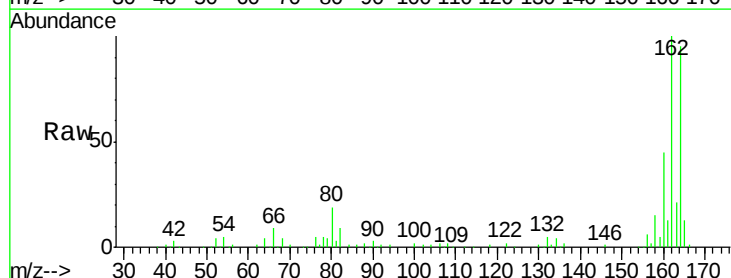


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

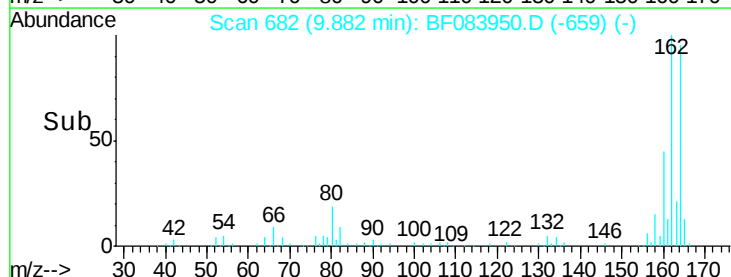
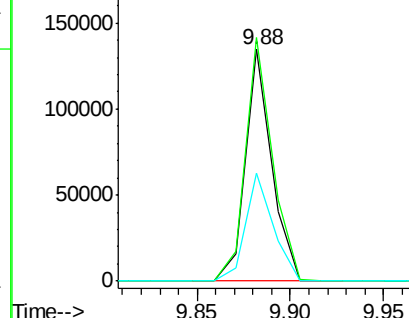


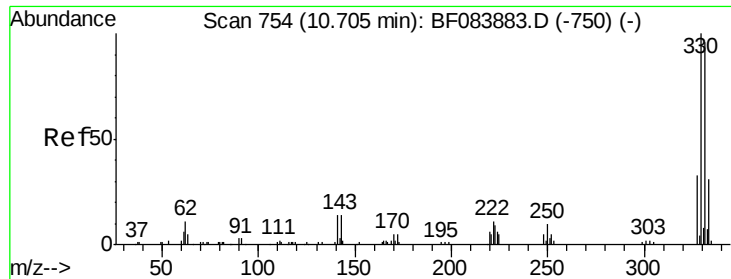
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.03 min
 Lab File: BF083950.D
 Acq: 19 Dec 2015 13:17

Tgt Ion	164	Resp	131047
Ion Ratio	100	Lower	Upper
162	105.2	85.1	127.7
160	46.8	37.5	56.3



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

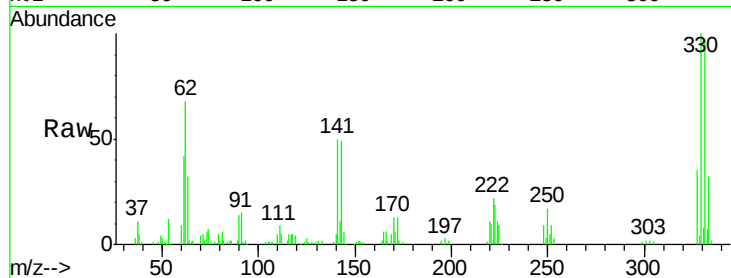




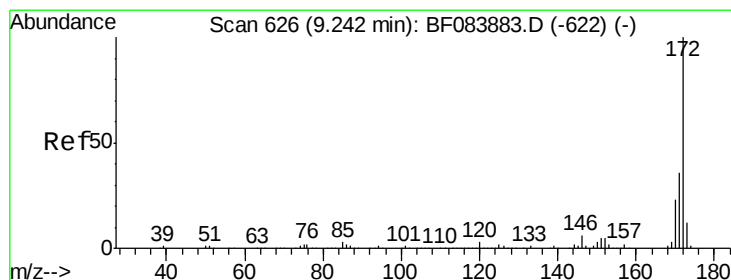
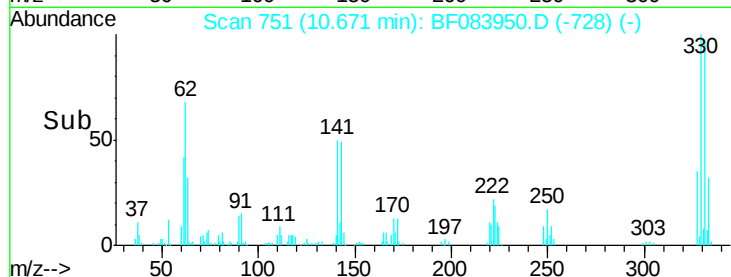
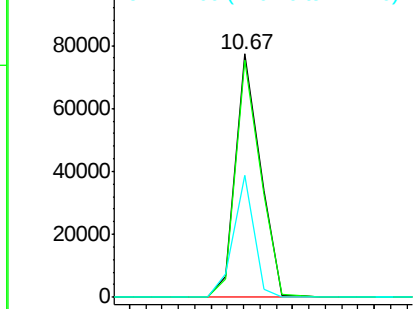
#41
 2,4,6-Tribromophenol
 Concen: 56.61 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF083950.D
 Acq: 19 Dec 2015 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BL

Tot Ion:330 Resp: 81723
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 41.0 27.8 41.6

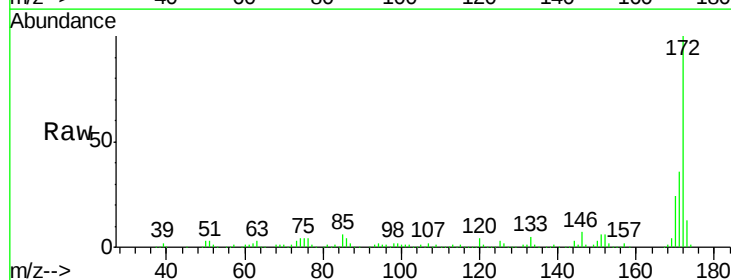


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

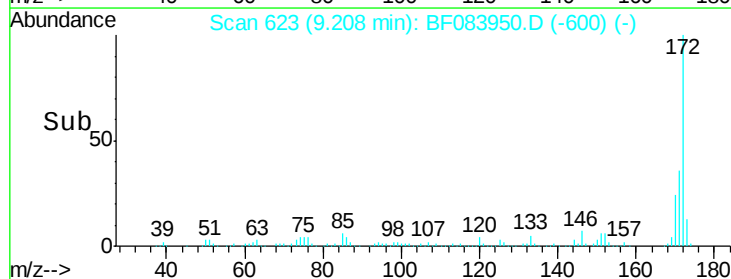
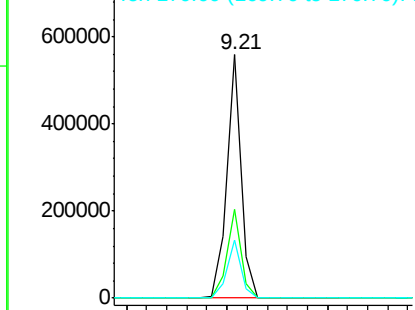


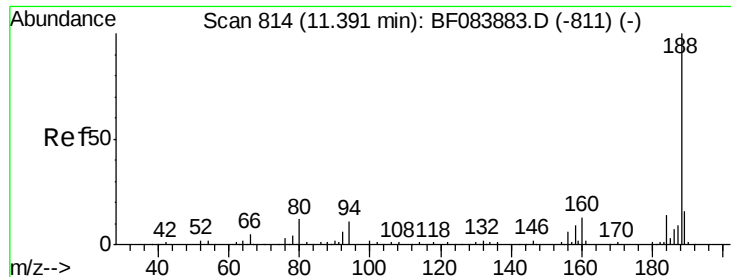
#44
 2-Fluorobiphenyl
 Concen: 55.94 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083950.D
 Acq: 19 Dec 2015 13:17

Tgt Ion:172 Resp: 551277
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 23.9 18.6 27.8



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

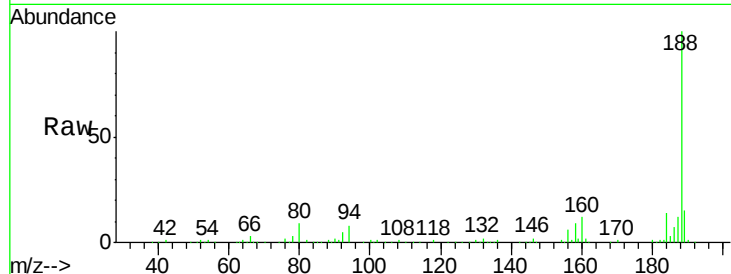




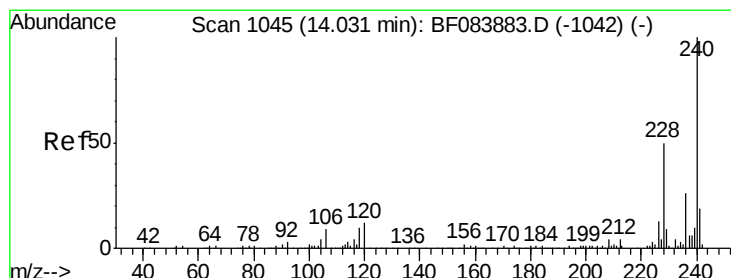
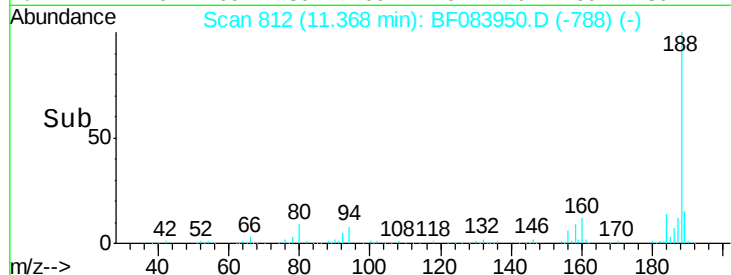
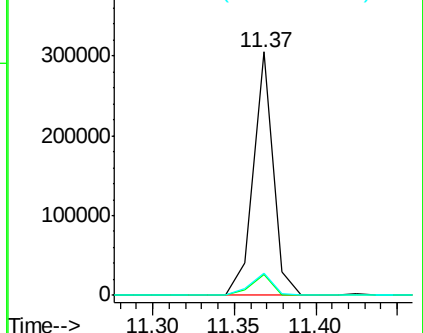
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083950.D
Acq: 19 Dec 2015 13:17

Instrument :
BNA_F
ClientSampleId :
PB87402BL

Tot Ion:188 Resp: 258680
Ion Ratio Lower Upper
188 100
94 8.4 9.0 13.4#
80 9.3 9.6 14.4#

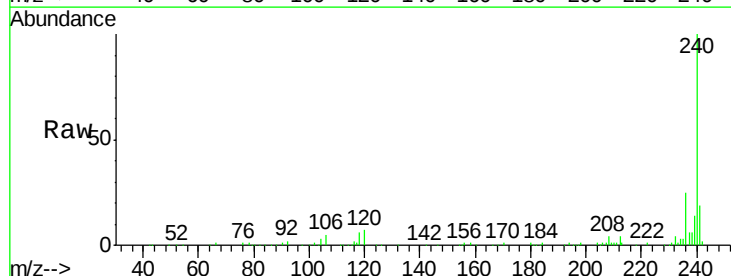


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

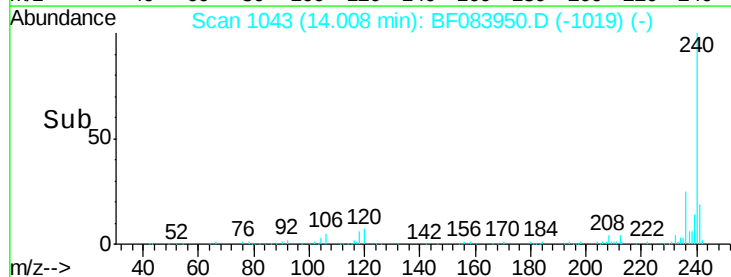
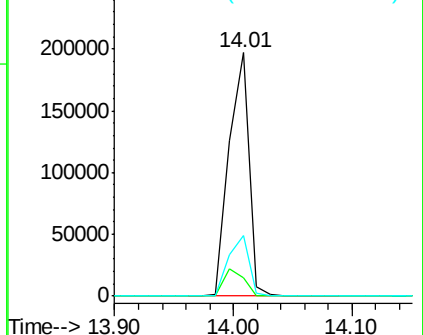


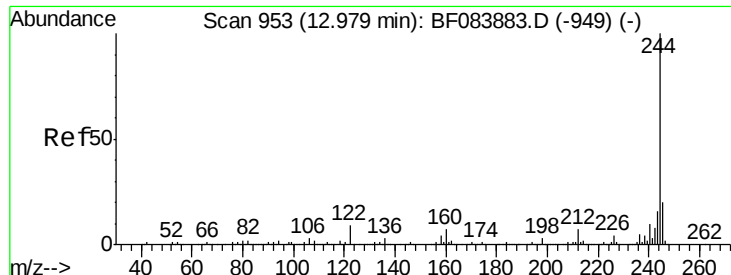
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF083950.D
Acq: 19 Dec 2015 13:17

Tgt Ion:240 Resp: 228989
Ion Ratio Lower Upper
240 100
120 7.3 9.5 14.3#
236 25.0 20.6 31.0



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

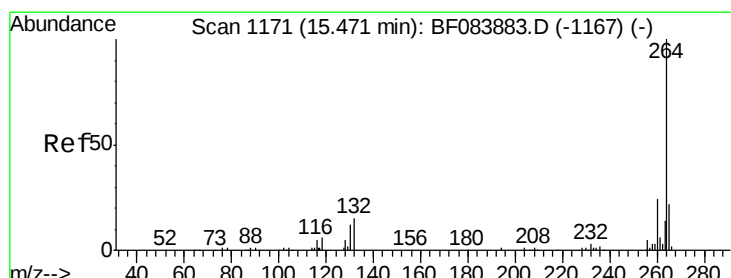
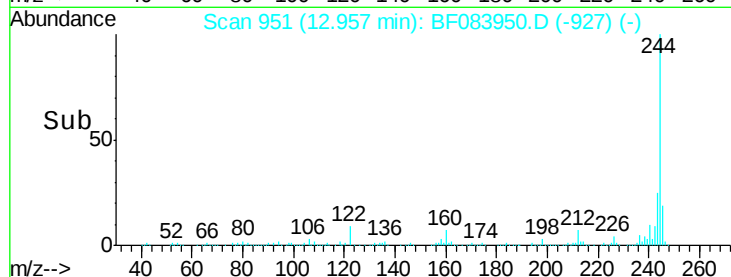
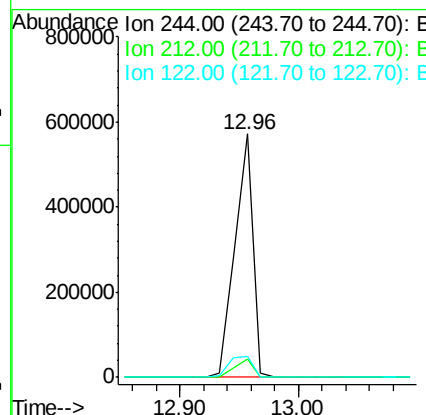
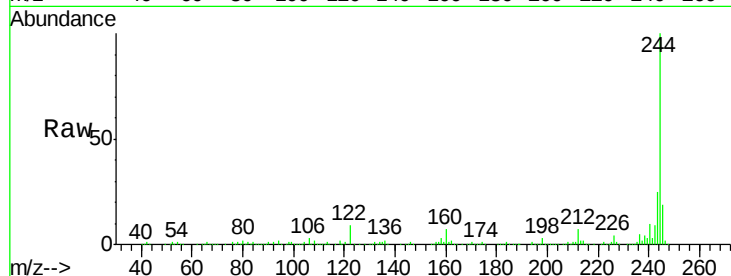




#78
 Terphenyl-d14
 Concen: 59.35 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.02 min
 Lab File: BF083950.D
 Acq: 19 Dec 2015 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87402BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	8.7	7.4	11.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.03 min
 Lab File: BF083950.D
 Acq: 19 Dec 2015 13:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	20.6	17.8	26.6

