

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086248.D
 Acq On : 16 Apr 2016 7:00
 Operator : UM/SJ
 Sample : PB89850BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BL

Quant Time: Apr 18 04:39:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	279888	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1201148	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	504628	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	895710	20.00	ng	0.00
75) Chrysene-d12	14.04	240	541191	20.00	ng	-0.01
86) Perylene-d12	15.48	264	470812	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1072469	62.78	ng	0.01
7) Phenol-d6	6.51	99	1225347	57.35	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1241502	59.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	243145	60.00	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1745909	63.84	ng	-0.01
78) Terphenyl-d14	13.00	244	1416444	65.81	ng	0.00

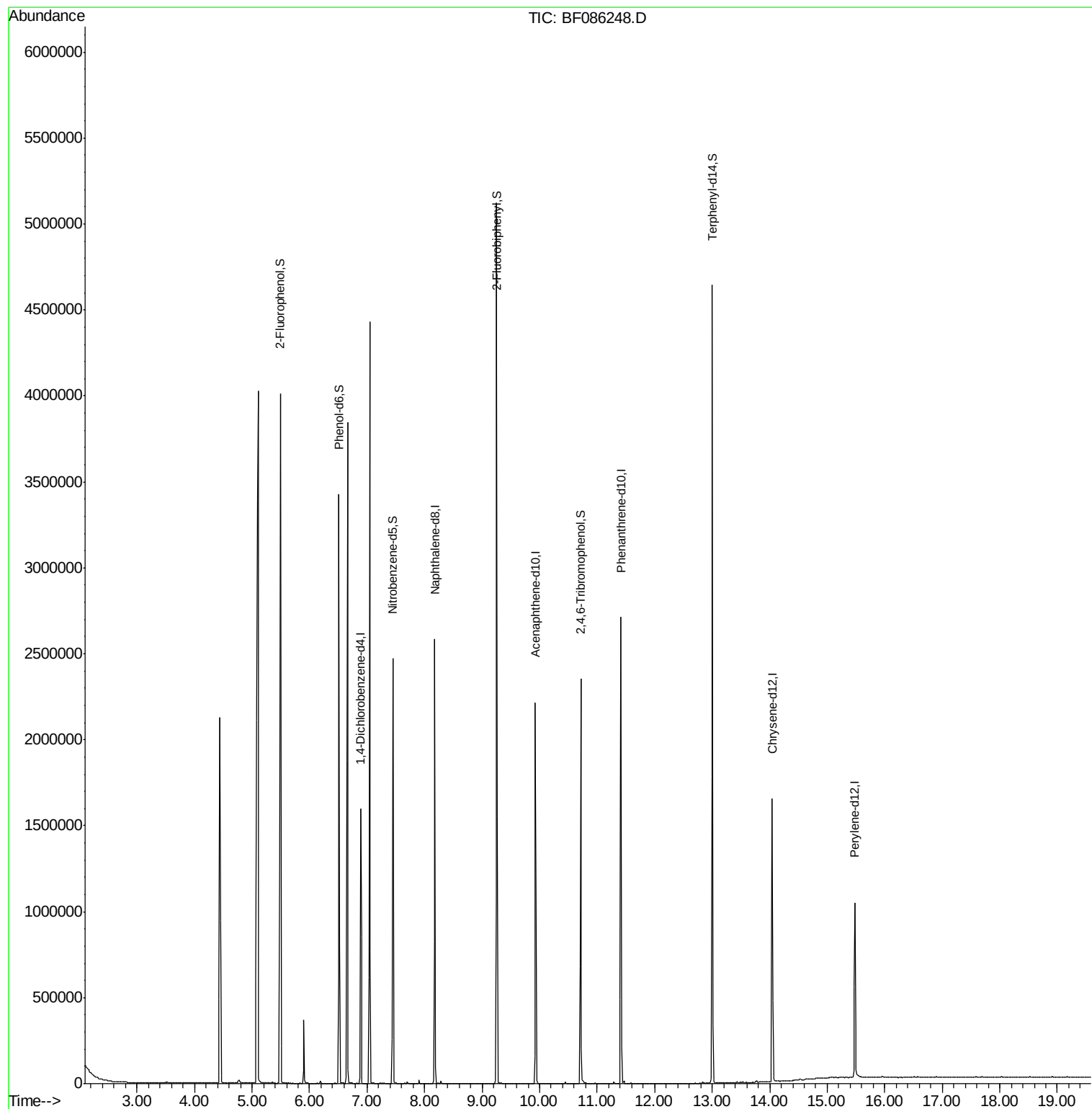
Target Compounds Qvalue

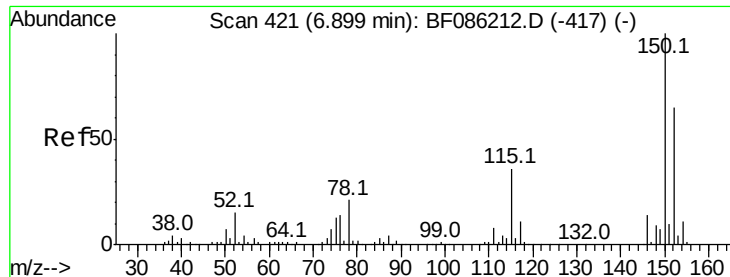
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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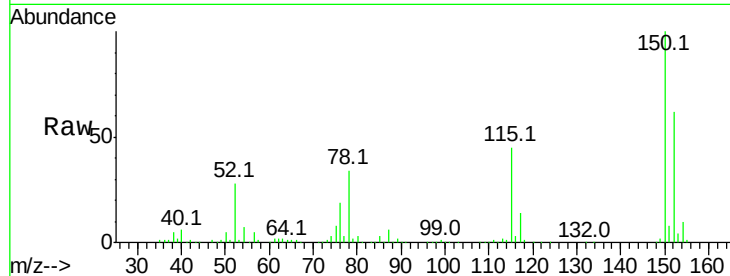


#1

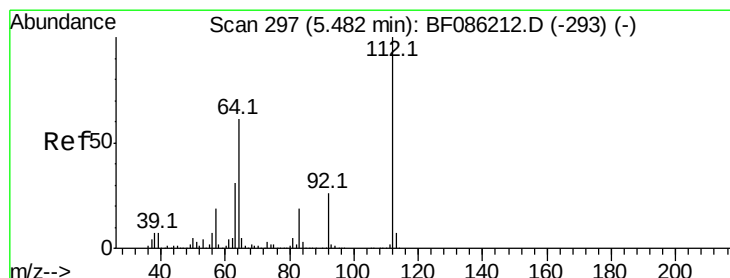
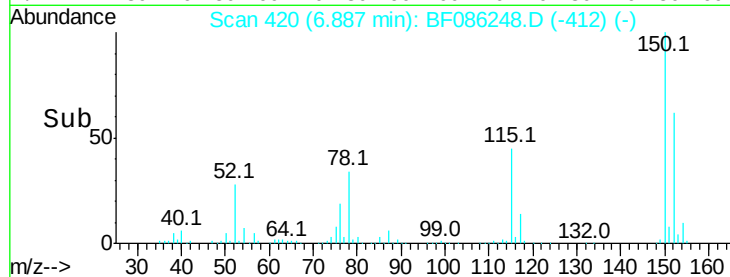
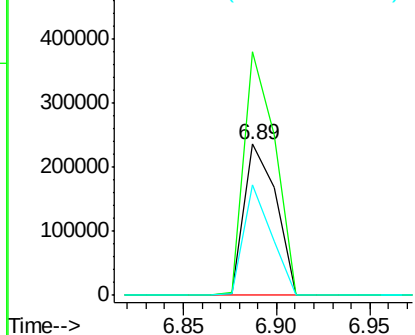
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF086248.D
Acq: 16 Apr 2016 7:00

Instrument :
BNA_F
ClientSampleId :
PB89850BL

Tot Ion:152 Resp: 279888
Ion Ratio Lower Upper
152 100
150 161.0 124.1 186.1
115 72.7 43.9 65.9#



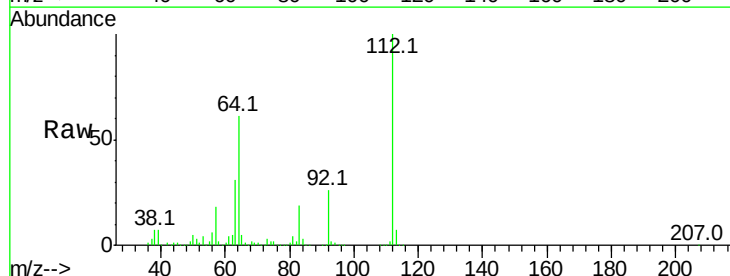
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



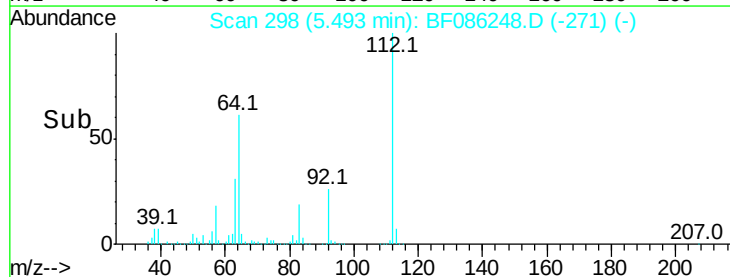
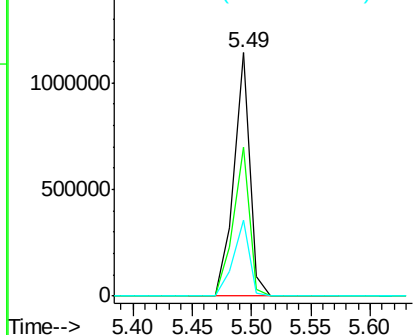
#5

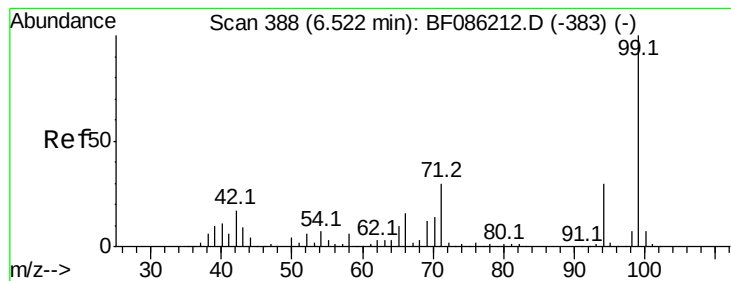
2-Fluorophenol
Concen: 62.78 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.01 min
Lab File: BF086248.D
Acq: 16 Apr 2016 7:00

Tgt Ion:112 Resp: 1072469
Ion Ratio Lower Upper
112 100
64 61.0 48.1 72.1
63 30.9 25.5 38.3



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: 57.35 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086248.D

Acq: 16 Apr 2016 7:00

Instrument :

BNA_F

ClientSampleId :

PB89850BL

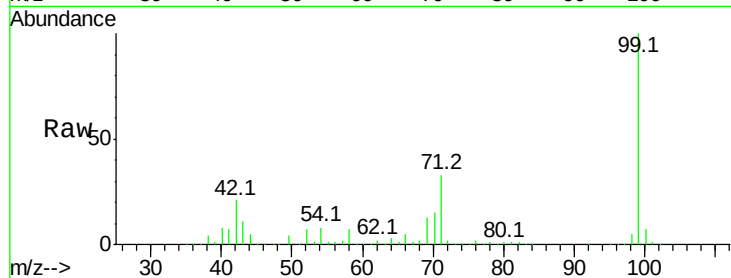
Tot Ion: 99 Resp: 1225347

Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.4	23.2
71	33.4	25.6	38.4

99 100

42 20.5 15.4 23.2

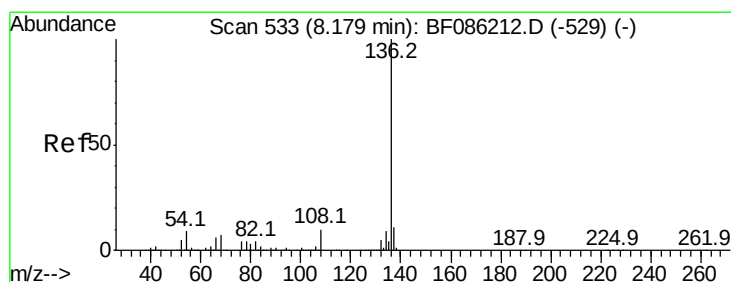
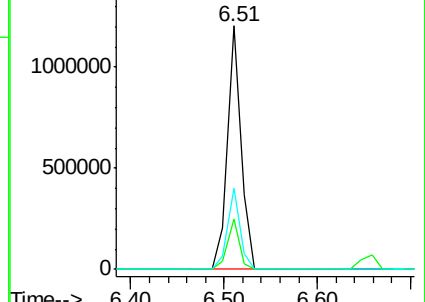
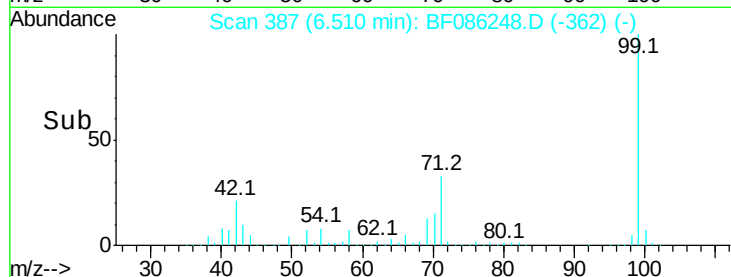
71 33.4 25.6 38.4



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: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086248.D

Acq: 16 Apr 2016 7:00

Tgt Ion: 136 Resp: 1201148

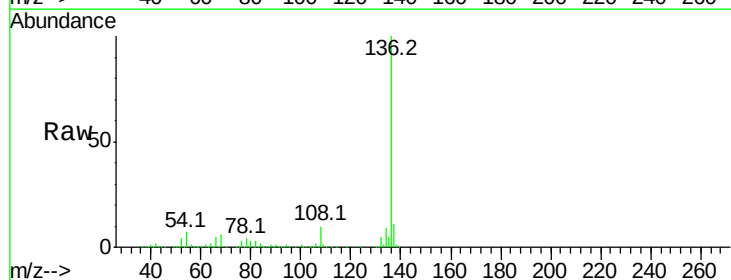
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.3	7.3	10.9
68	6.2	5.7	8.5

136 100

137 11.0 9.1 13.7

54 7.3 7.3 10.9

68 6.2 5.7 8.5

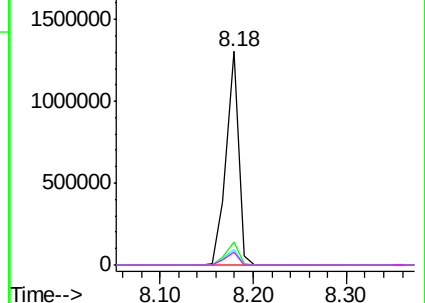
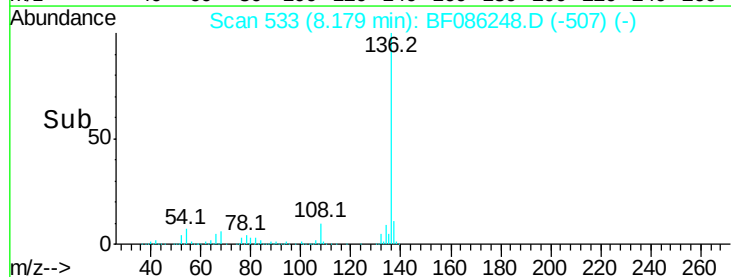


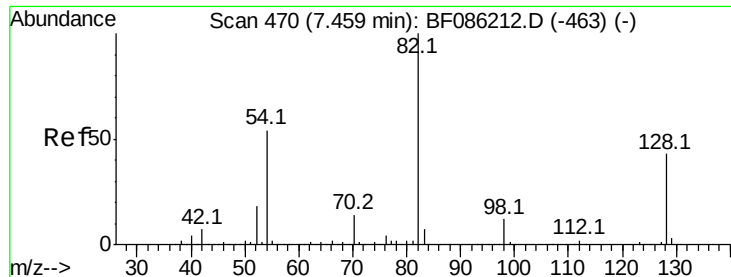
Abundance Ion 136.00 (135.70 to 136.70): E

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



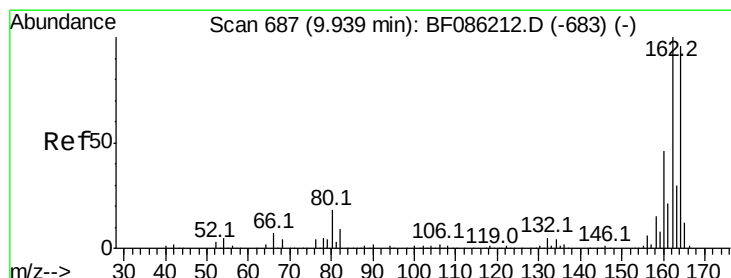
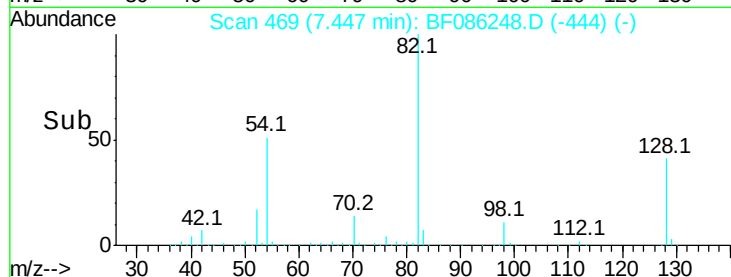
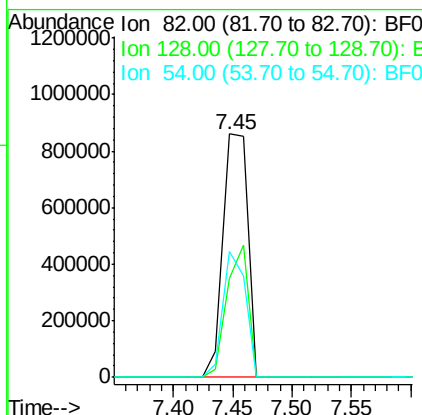
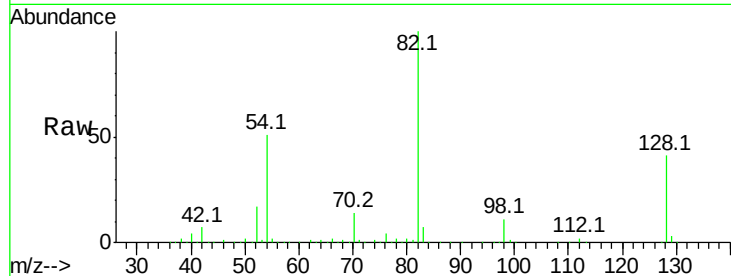


#23
 Nitrobenzene-d5
 Concen: 59.62 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF086248.D
 Acq: 16 Apr 2016 7:00

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BL

Tot Ion: 82 Resp: 1241502

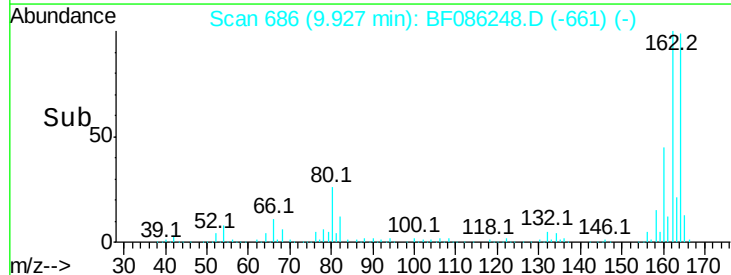
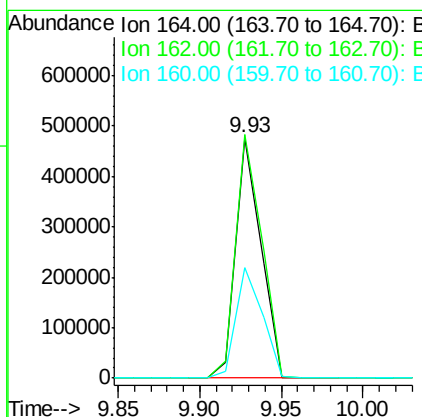
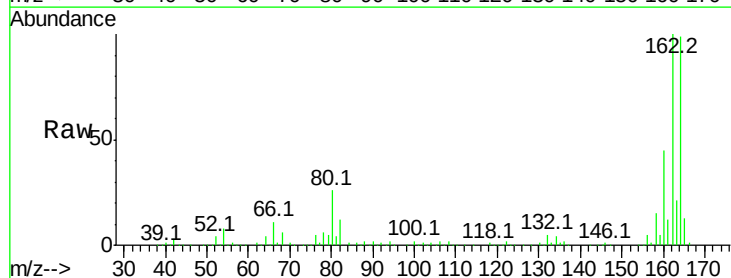
Ion	Ratio	Lower	Upper
82	100		
128	40.9	35.4	53.2
54	51.5	43.4	65.0

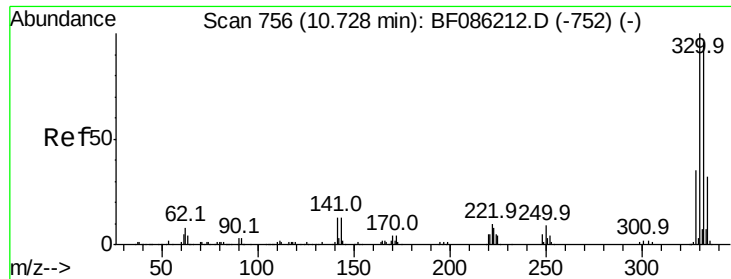


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086248.D
 Acq: 16 Apr 2016 7:00

Tgt Ion: 164 Resp: 504628

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.8	124.2
160	46.0	38.9	58.3

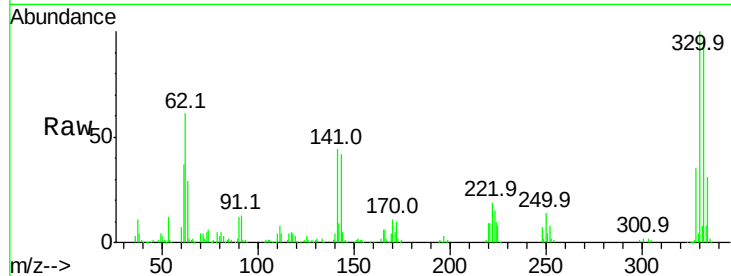




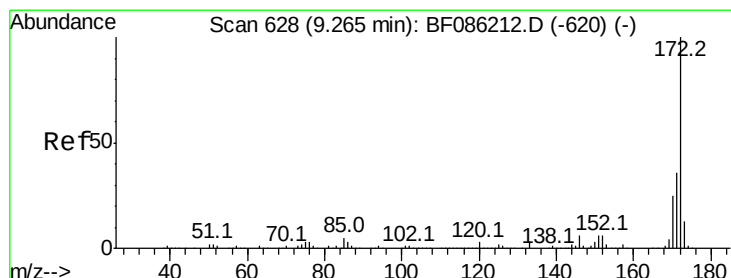
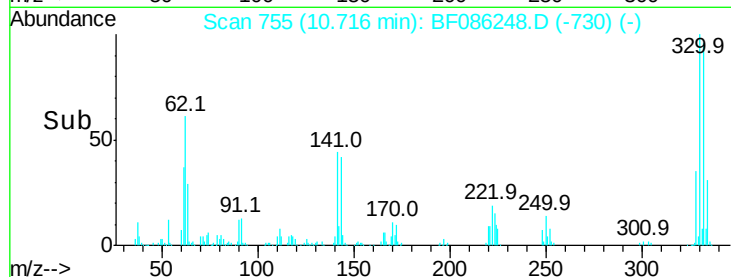
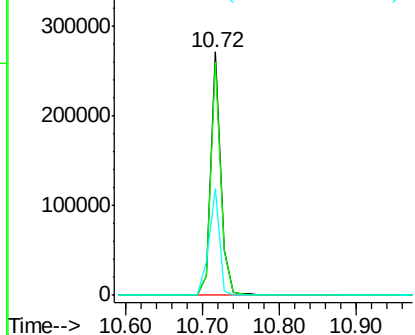
#41
 2,4,6-Tribromophenol
 Concen: 60.00 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF086248.D
 Acq: 16 Apr 2016 7:00

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.7	118.1
141	46.3	28.6	42.8#

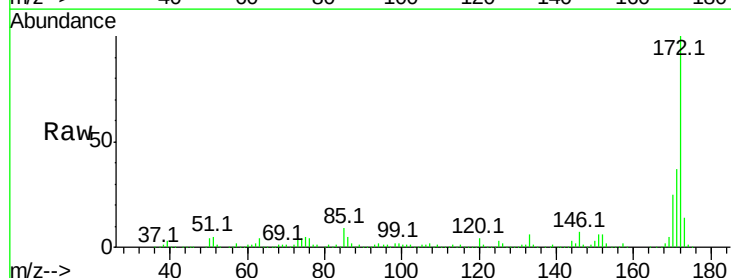


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

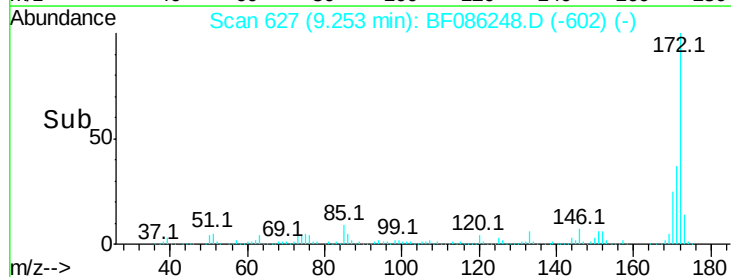
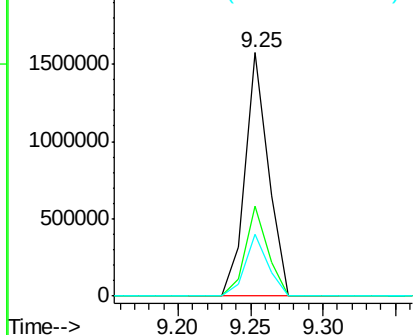


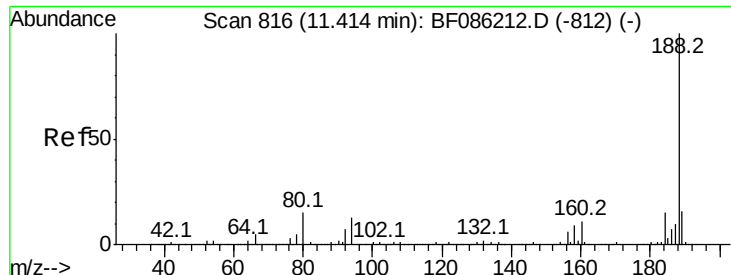
#44
 2-Fluorobiphenyl
 Concen: 63.84 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086248.D
 Acq: 16 Apr 2016 7:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.1	43.7
170	25.2	19.9	29.9



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

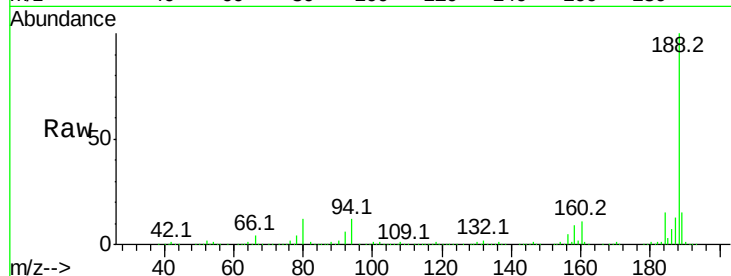




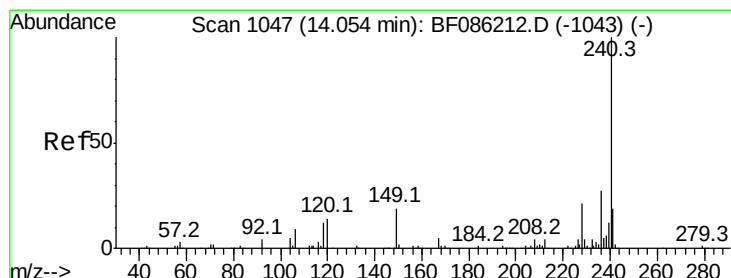
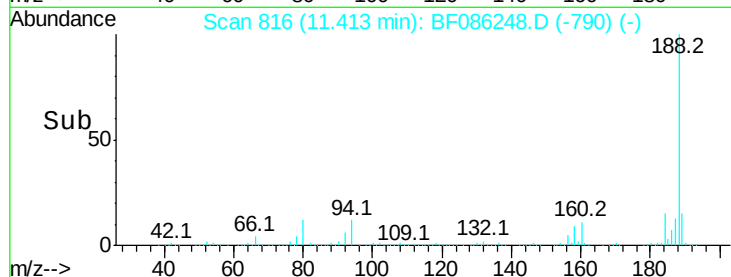
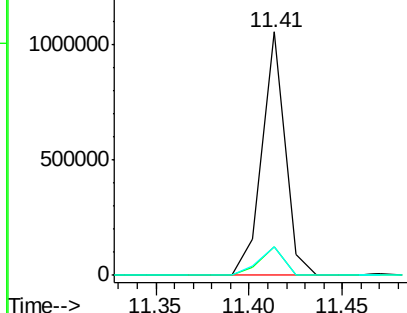
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086248.D
Acq: 16 Apr 2016 7:00

Instrument :
BNA_F
ClientSampleId :
PB89850BL

Tot Ion:188 Resp: 895710
Ion Ratio Lower Upper
188 100
94 11.7 9.8 14.8
80 11.5 10.5 15.7

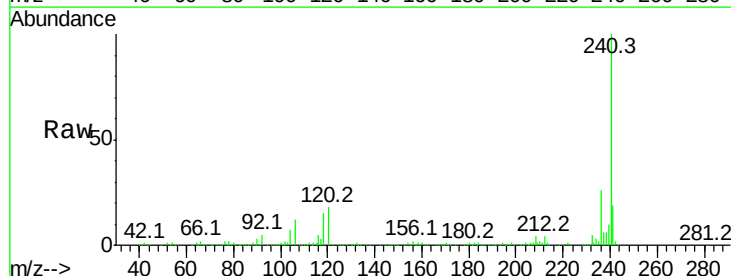


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

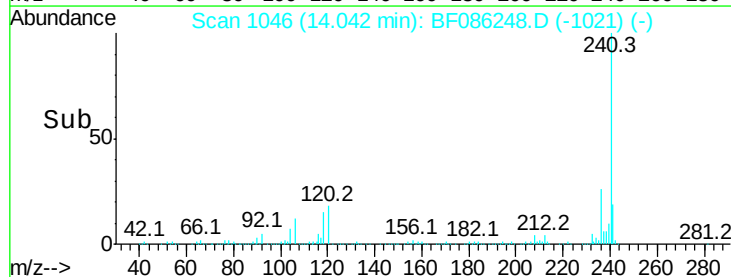
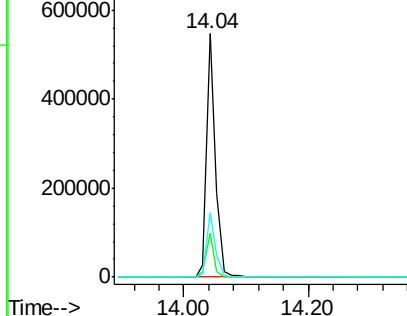


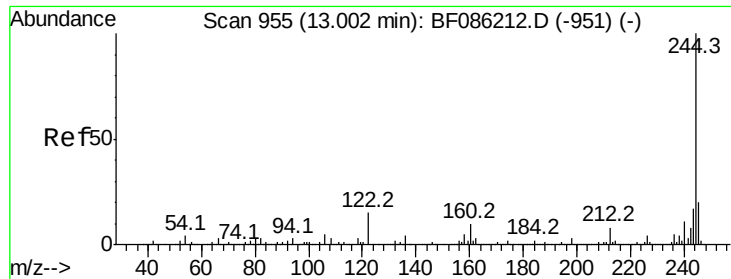
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086248.D
Acq: 16 Apr 2016 7:00

Tgt Ion:240 Resp: 541191
Ion Ratio Lower Upper
240 100
120 17.9 9.3 13.9#
236 26.3 21.1 31.7



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

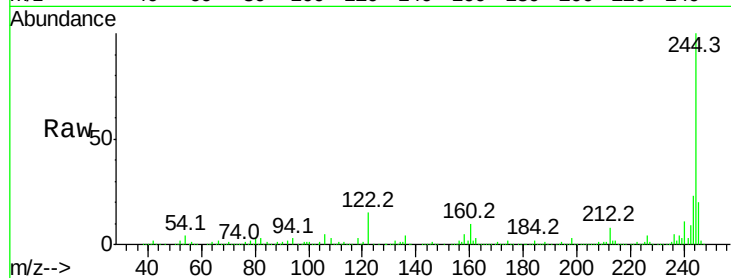




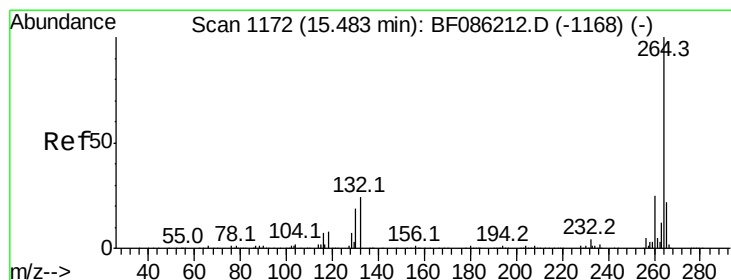
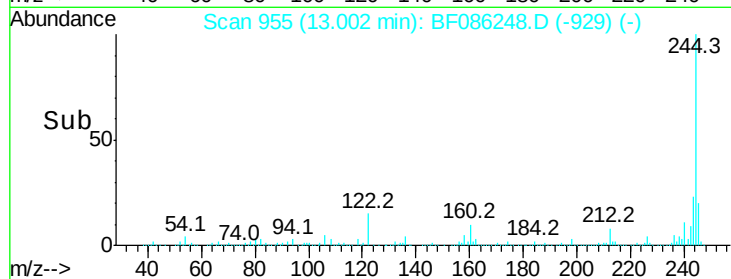
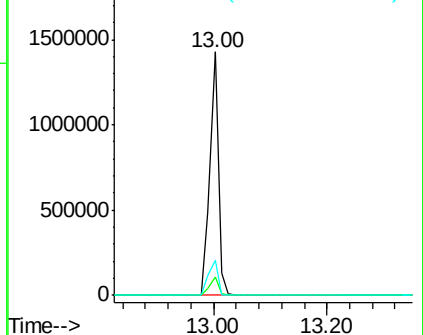
#78
 Terphenyl-d14
 Concen: 65.81 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086248.D
 Acq: 16 Apr 2016 7:00

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BL

Tot Ion:244 Resp: 1416444
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 14.6 11.7 17.5

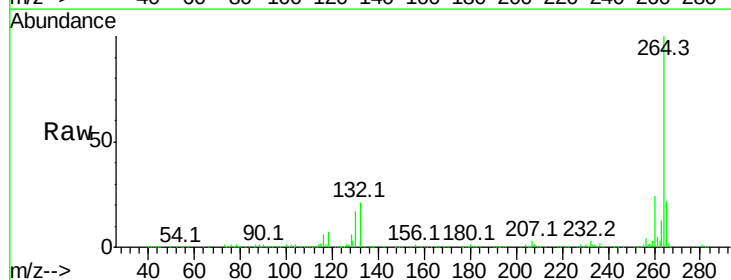


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086248.D
 Acq: 16 Apr 2016 7:00

Tgt Ion:264 Resp: 470812
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.0 30.0
 265 21.5 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

