

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094539.D
 Acq On : 20 Apr 2017 12:42
 Operator : SJ/MA
 Sample : I2744-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(11-13)20170418

Quant Time: Apr 20 17:44:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

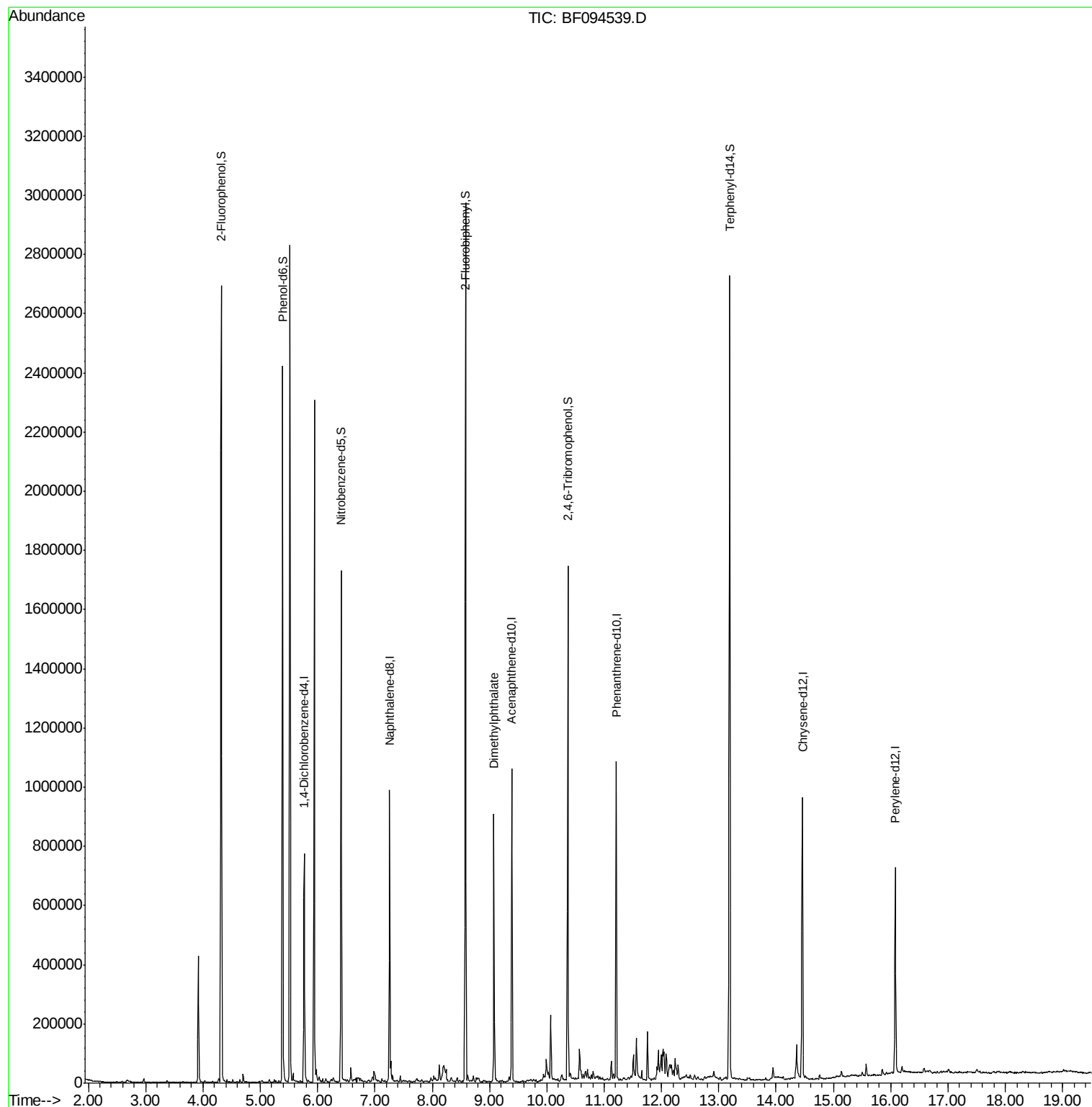
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	119826	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	483953	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	223147	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	437471	20.00	ng	0.00
75) Chrysene-d12	14.46	240	399410	20.00	ng	0.00
86) Perylene-d12	16.08	264	289500	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	774676	107.26	ng	0.01
7) Phenol-d6	5.39	99	998037	117.21	ng	0.00
23) Nitrobenzene-d5	6.41	82	582704	74.35	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	211571	121.21	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1089074	71.81	ng	0.00
78) Terphenyl-d14	13.19	244	1048846	70.19	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.08	163	411581	24.75	ng	Qvalue 98

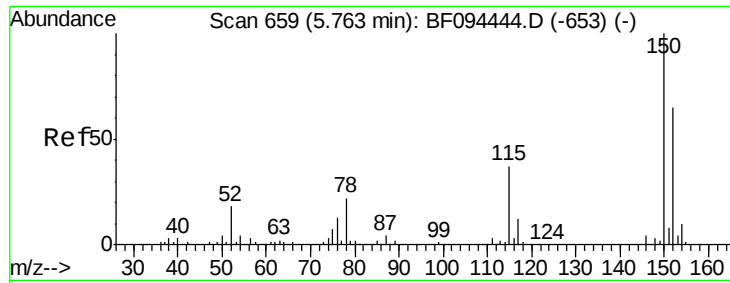
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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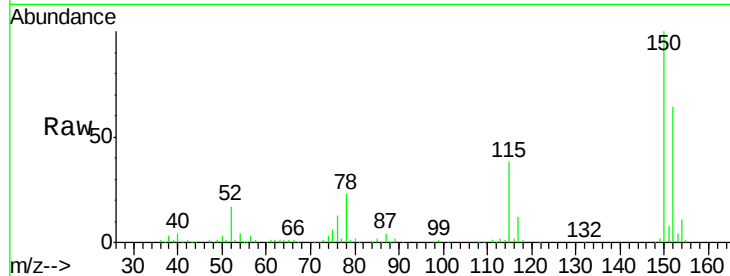


#1

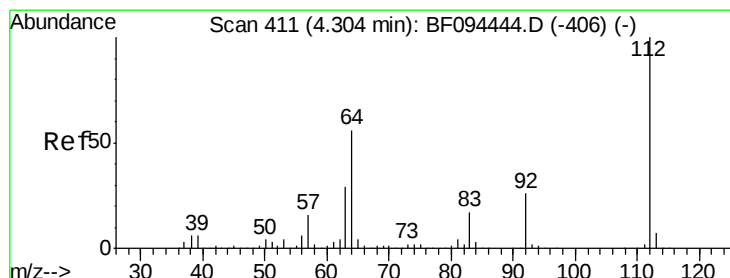
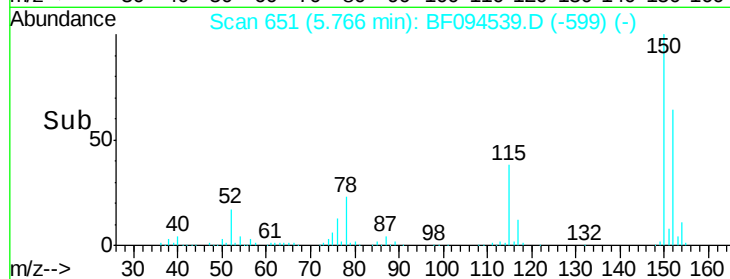
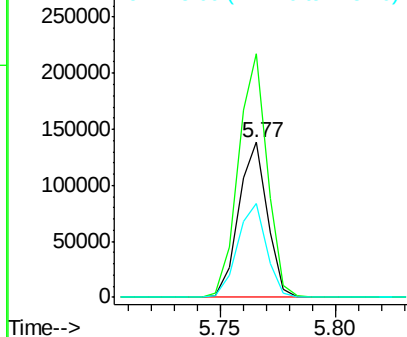
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094539.D
Acq: 20 Apr 2017 12:42

Instrument :
BNA_F
ClientSampleId :
SB-9(11-13)20170418

Tot Ion:152 Resp: 119826
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 60.3 52.2 78.2



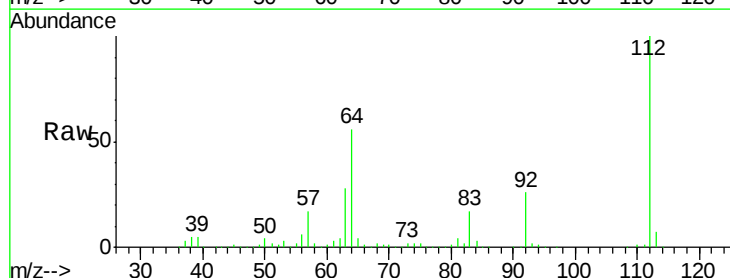
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



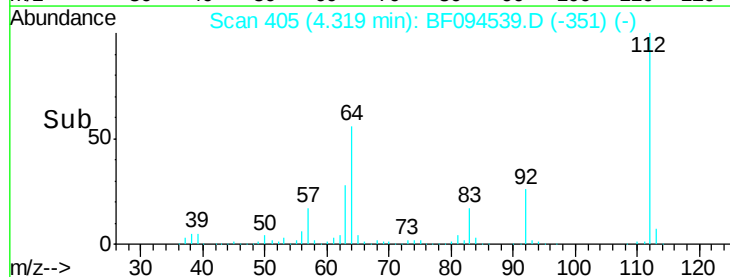
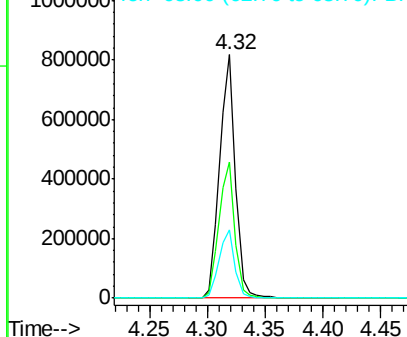
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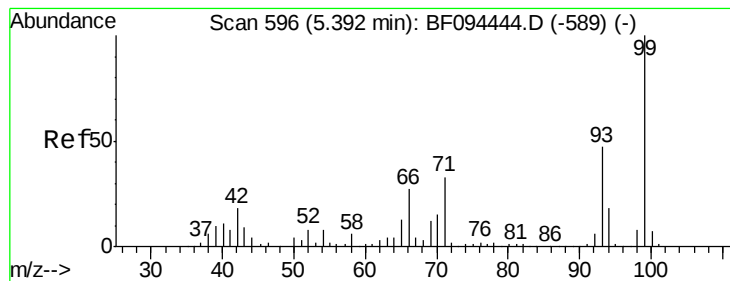
2-Fluorophenol
Concen: 107.26 ng
RT: 4.32 min Scan# 405
Delta R.T. 0.01 min
Lab File: BF094539.D
Acq: 20 Apr 2017 12:42

Tgt Ion:112 Resp: 774676
Ion Ratio Lower Upper
112 100
64 55.9 46.0 69.0
63 27.9 23.4 35.0



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: 117.21 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094539.D

Acq: 20 Apr 2017 12:42

Instrument :

BNA_F

ClientSampleId :

SB-9(11-13)20170418

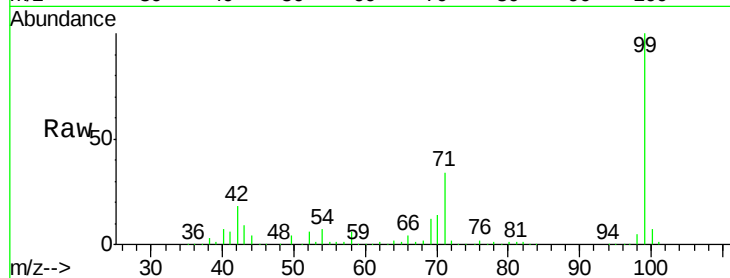
Tot Ion: 99 Resp: 998037

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

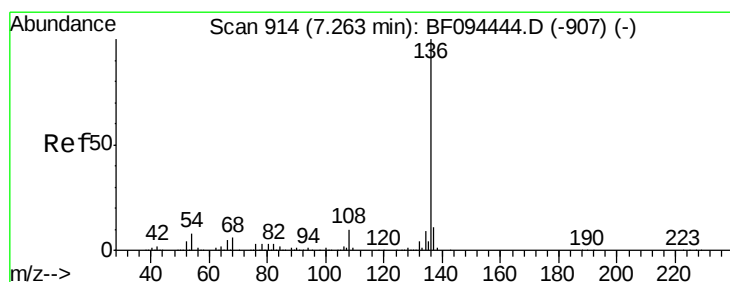
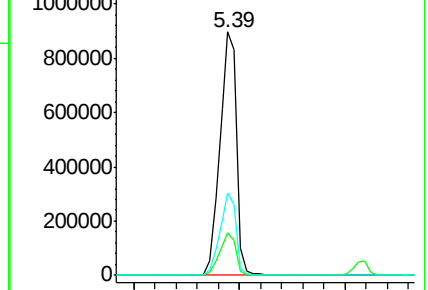
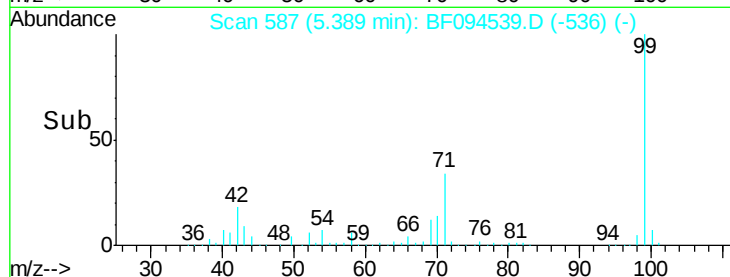
71 33.6 24.5 36.7



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: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094539.D

Acq: 20 Apr 2017 12:42

Tgt Ion: 136 Resp: 483953

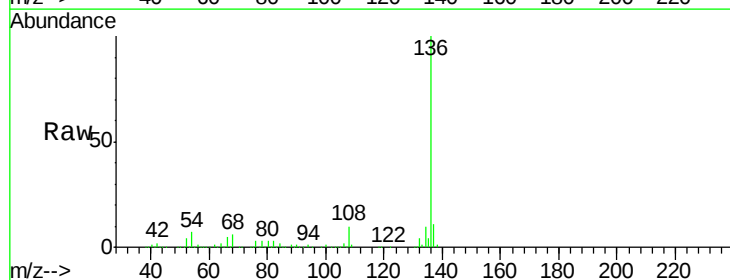
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.3 4.9 7.3

68 5.9 4.1 6.1

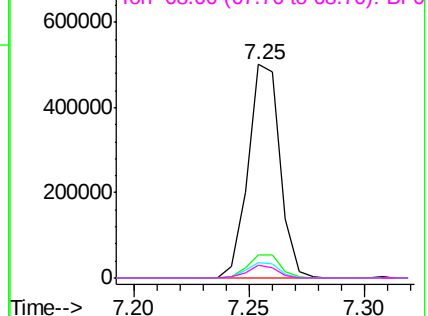
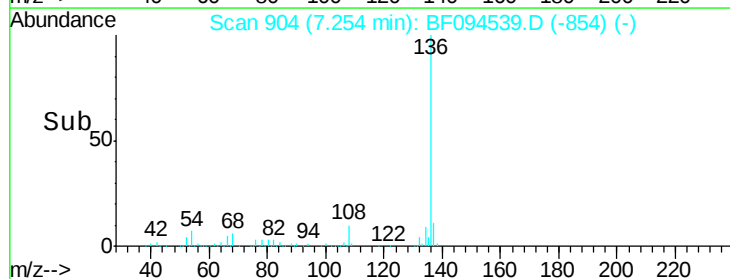


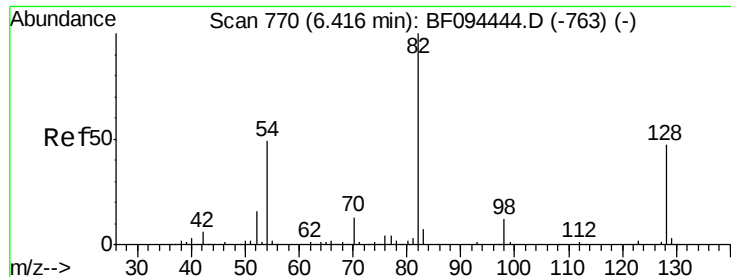
Abundance Ion 136.00 (135.70 to 136.70): E

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

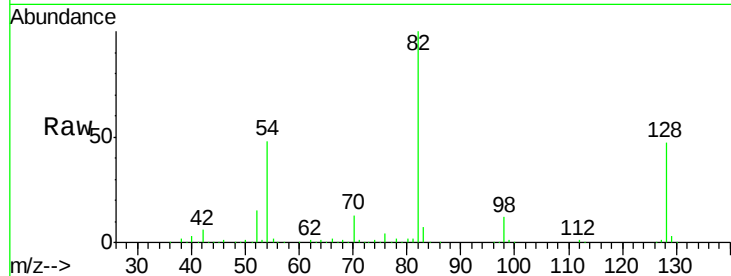




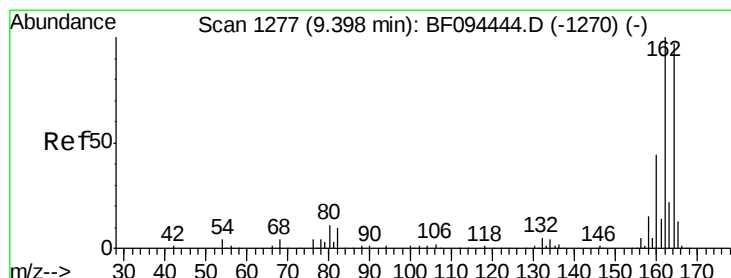
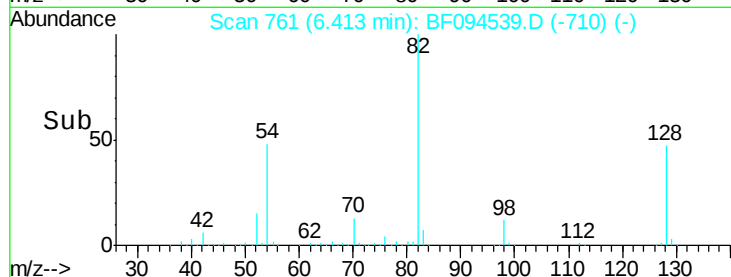
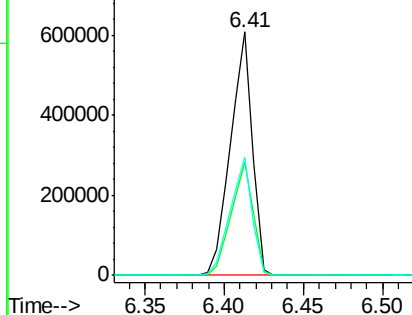
#23
 Nitrobenzene-d5
 Concen: 74.35 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094539.D
 Acq: 20 Apr 2017 12:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(11-13)20170418

Tot Ion	82	Resp	582704
Ion Ratio	100		
Lower	34.0		
Upper	51.0		
54	48.3	42.2	63.2

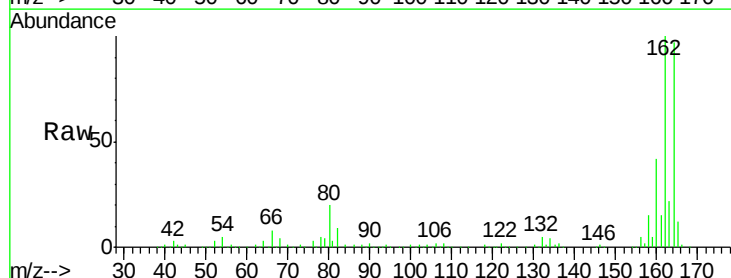


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

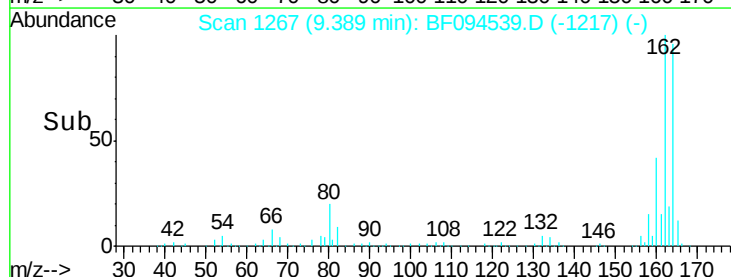
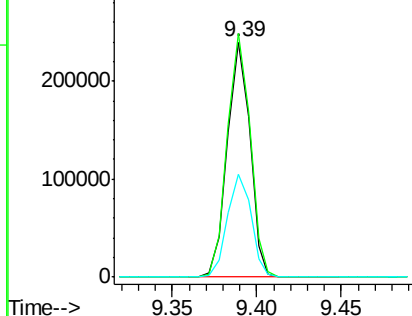


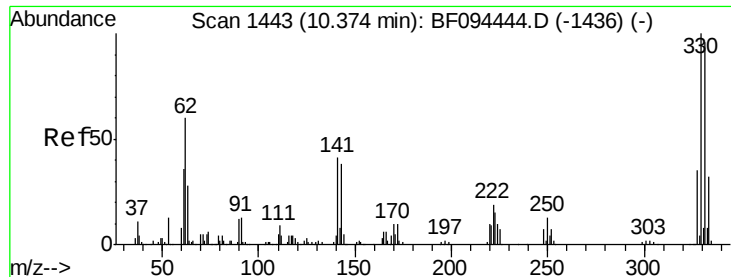
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094539.D
 Acq: 20 Apr 2017 12:42

Tgt Ion	164	Resp	223147
Ion Ratio	100		
Lower	82.6		
Upper	123.8		
162	103.5	36.2	54.2
160	43.7		



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

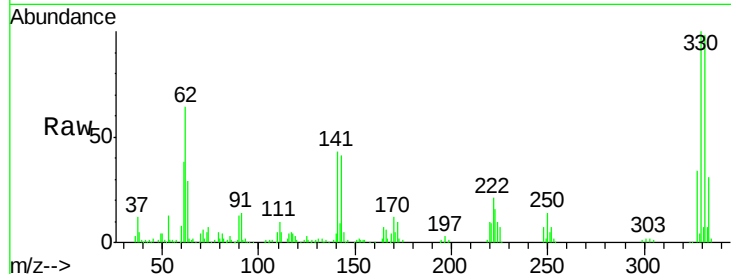




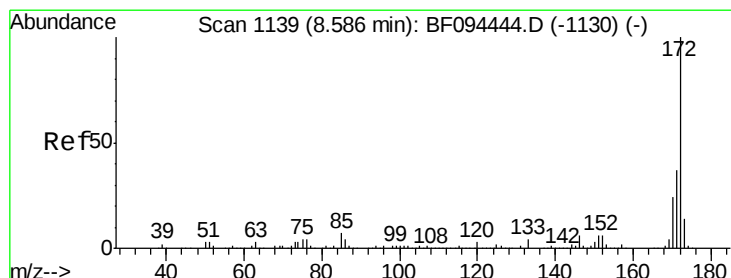
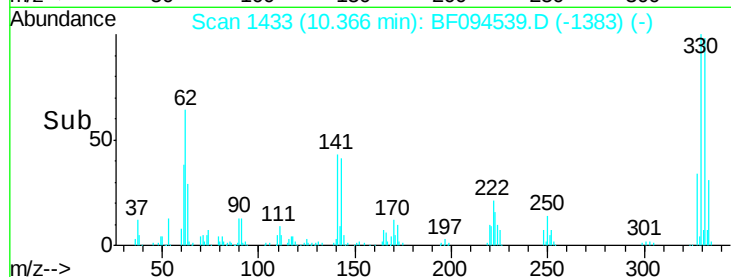
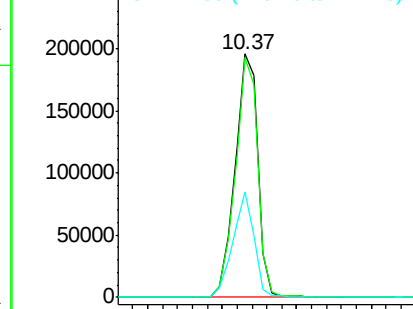
#41
 2,4,6-Tribromophenol
 Concen: 121.21 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094539.D
 Acq: 20 Apr 2017 12:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(11-13)20170418

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	40.5	31.4	47.2

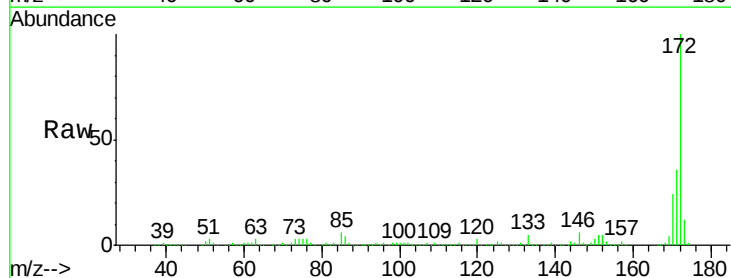


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

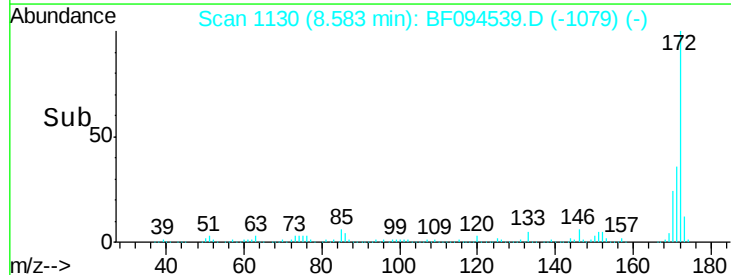
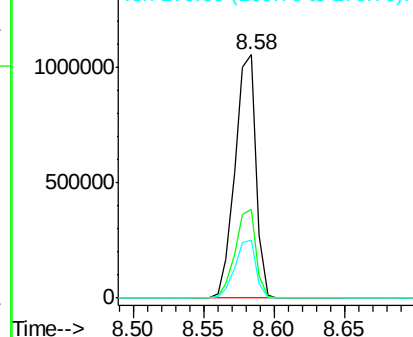


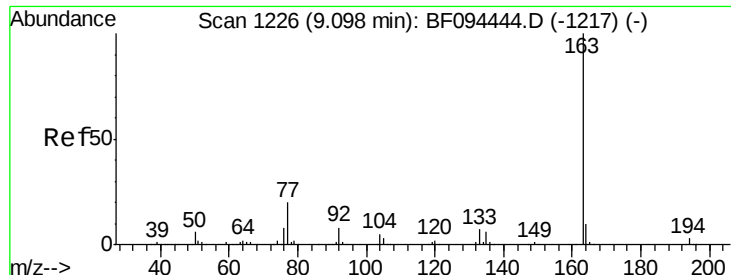
#44
 2-Fluorobiphenyl
 Concen: 71.81 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094539.D
 Acq: 20 Apr 2017 12:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.0	19.8	29.8



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

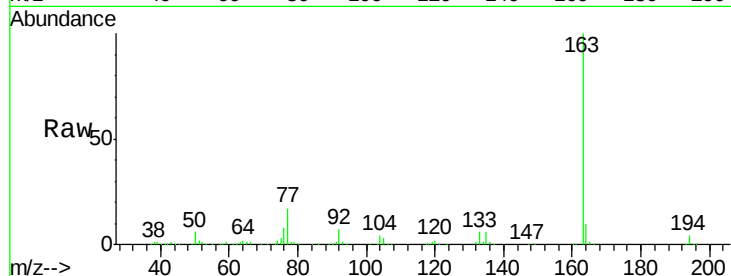




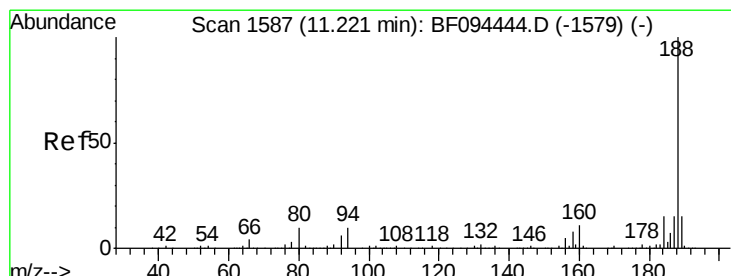
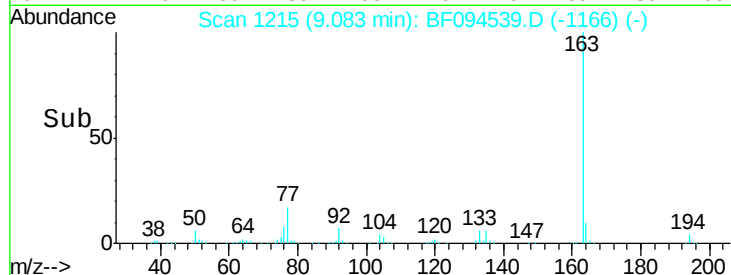
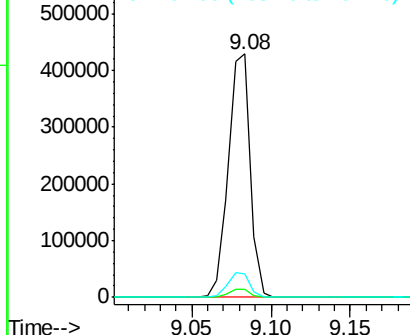
#49
 Dimethylphthalate
 Concen: 24.75 ng
 RT: 9.08 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF094539.D
 Acq: 20 Apr 2017 12:42

Instrument :
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 SB-9(11-13)20170418

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.7	8.4	12.6

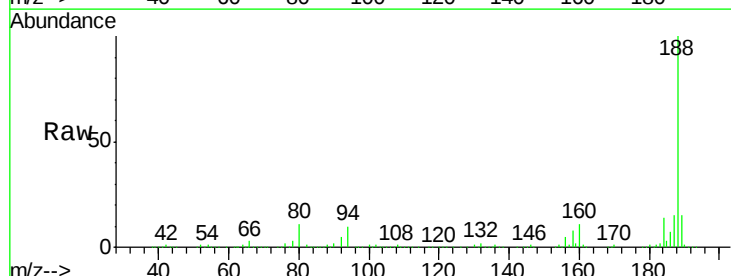


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

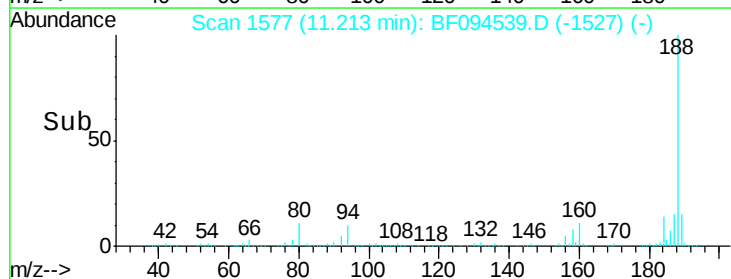
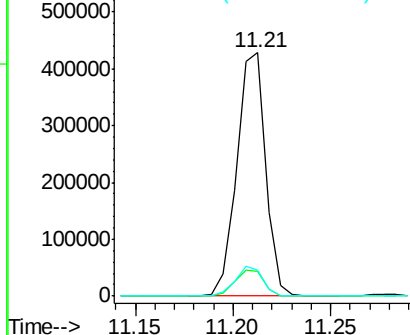


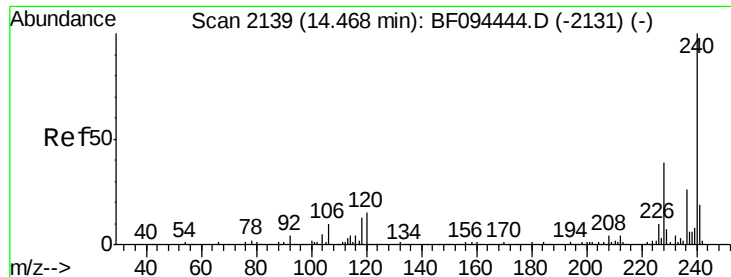
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094539.D
 Acq: 20 Apr 2017 12:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	10.7	10.2	15.2



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

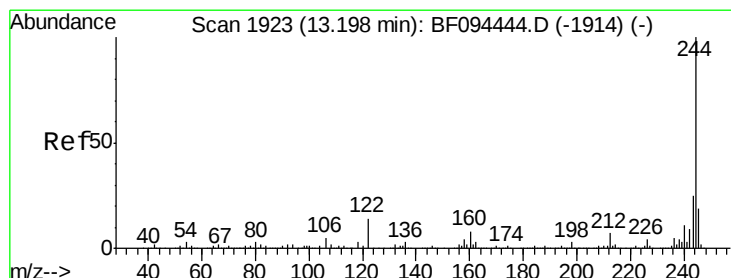
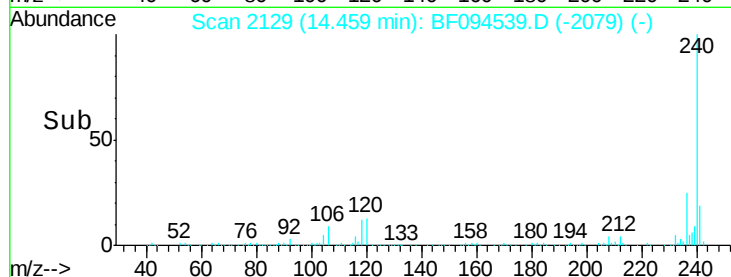
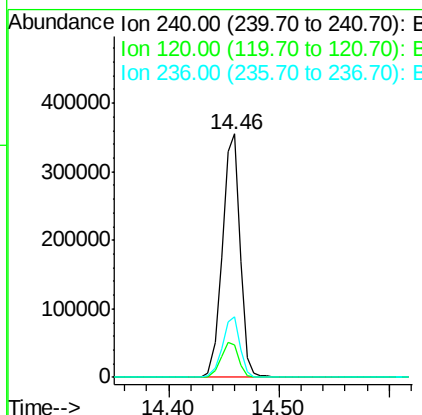
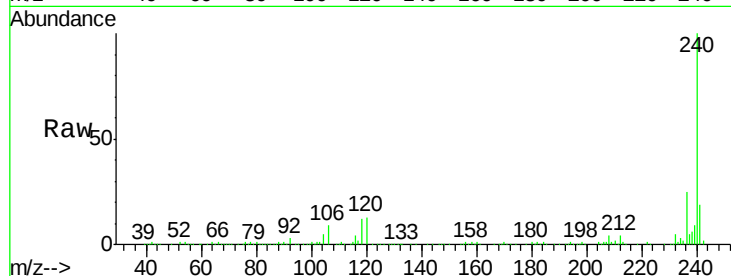




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.46 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BF094539.D
 Acq: 20 Apr 2017 12:42

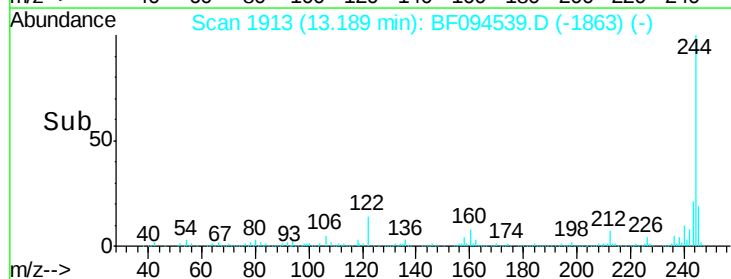
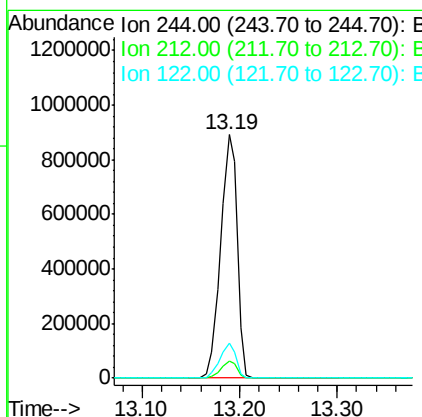
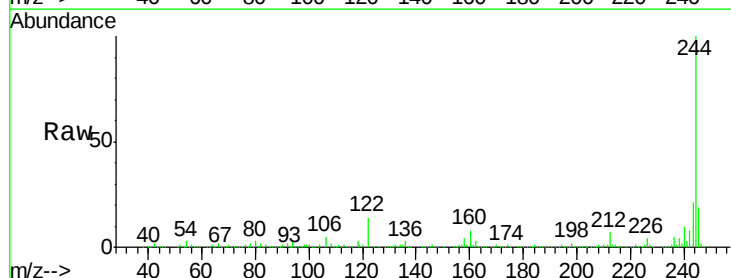
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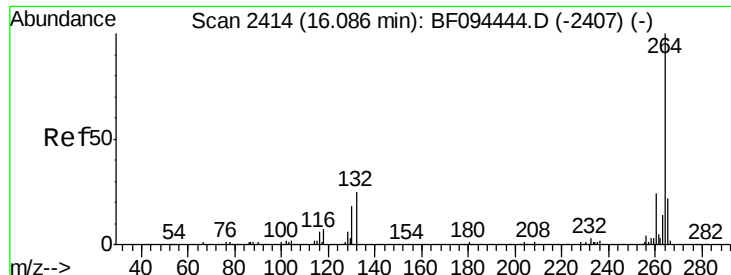
Tot Ion:240 Resp: 399410
 Ion Ratio Lower Upper
 240 100
 120 13.1 5.8 8.8#
 236 24.6 20.5 30.7



#78
 Terphenyl-d14
 Concen: 70.19 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094539.D
 Acq: 20 Apr 2017 12:42

Tgt Ion:244 Resp: 1048846
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.2 10.3 15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094539.D
Acq: 20 Apr 2017 12:42

Instrument :
BNA_F
ClientSampleId :
SB-9(11-13)20170418

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.2	17.2	25.8

