

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042417\
 Data File : BF094583.D
 Acq On : 24 Apr 2017 14:17
 Operator : SJ/MA
 Sample : I2780-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-1

Quant Time: Apr 25 04:28:29 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

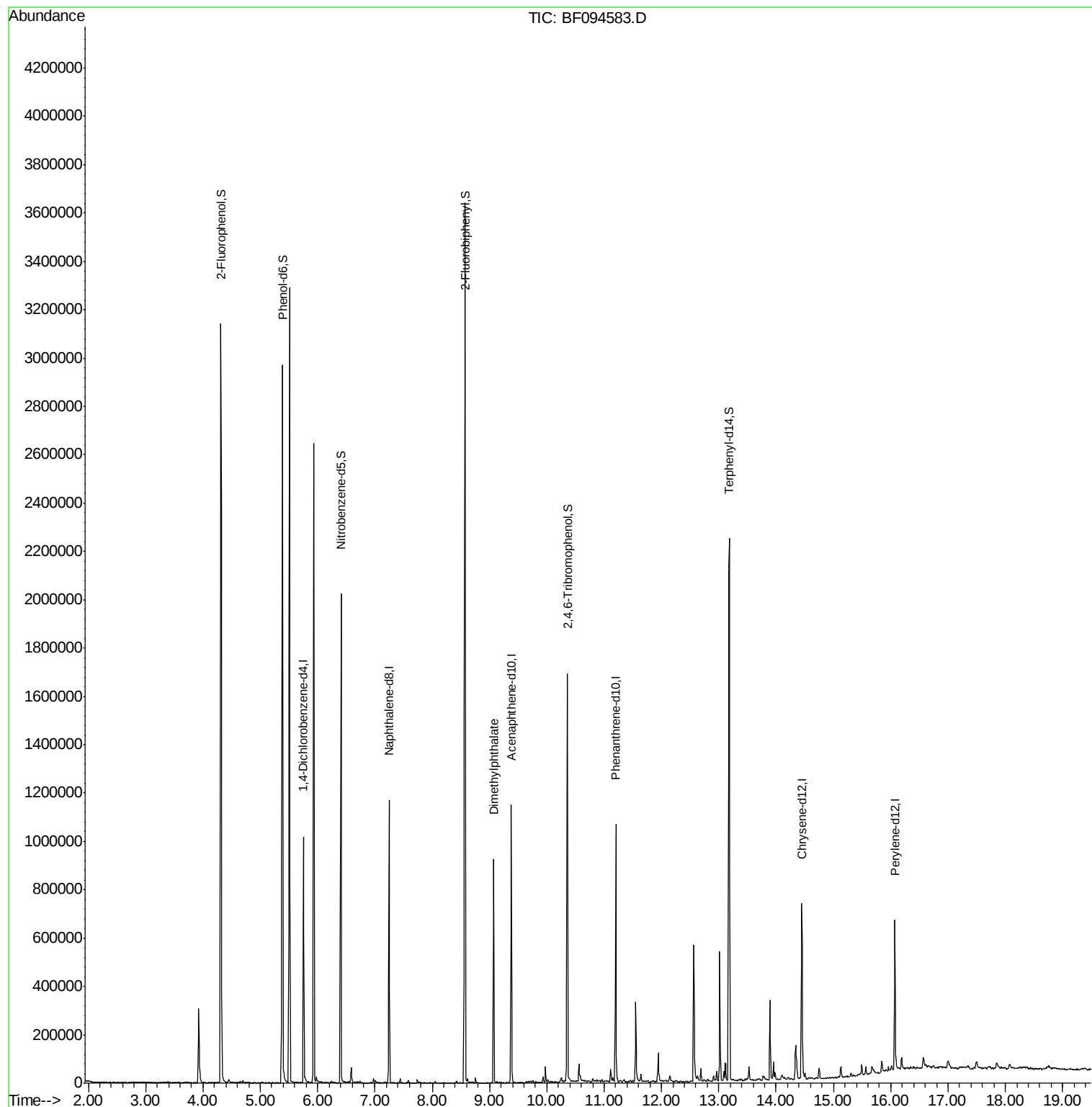
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	150961	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	580995	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	249431	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	409391	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	278150	20.00	ng	-0.02
86) Perylene-d12	16.08	264	248226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	997700	109.65	ng	0.00
7) Phenol-d6	5.39	99	1212950	113.07	ng	0.00
23) Nitrobenzene-d5	6.41	82	730741	77.66	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	221867	113.72	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1275405	75.23	ng	-0.01
78) Terphenyl-d14	13.18	244	850292	81.71	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.07	163	393605	21.17	ng	Qvalue 98

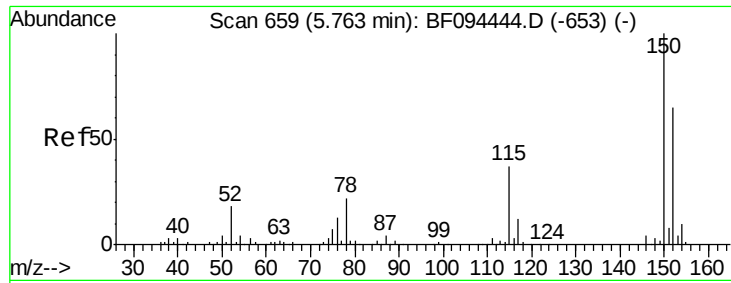
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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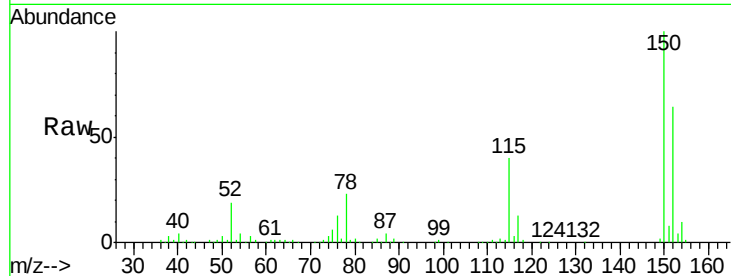


#1

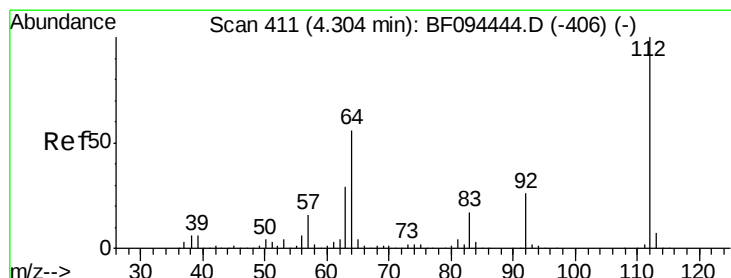
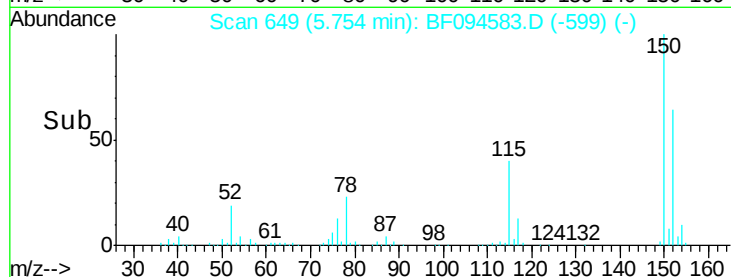
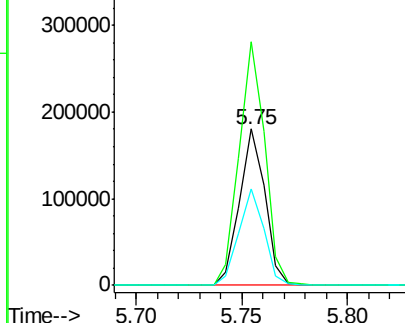
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094583.D
Acq: 24 Apr 2017 14:17

Instrument :
BNA_F
ClientSampleId :
PE-1

Tot Ion:152 Resp: 150961
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 62.1 52.2 78.2



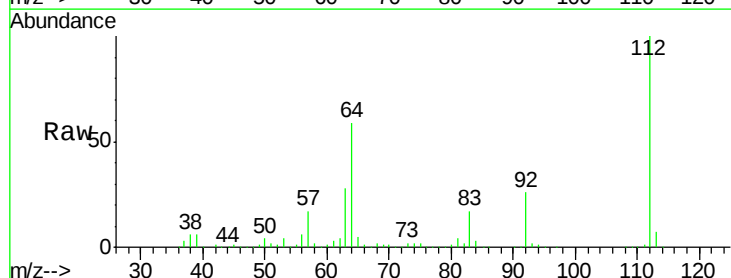
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



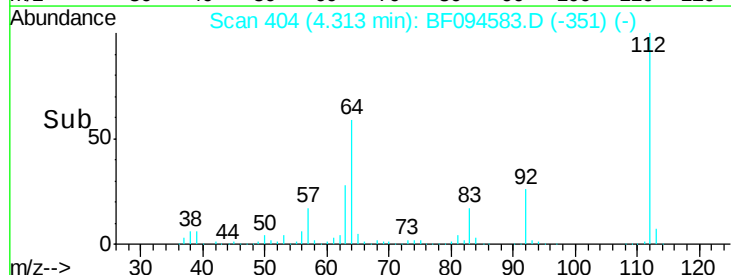
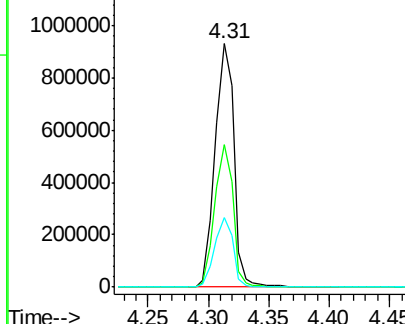
#5

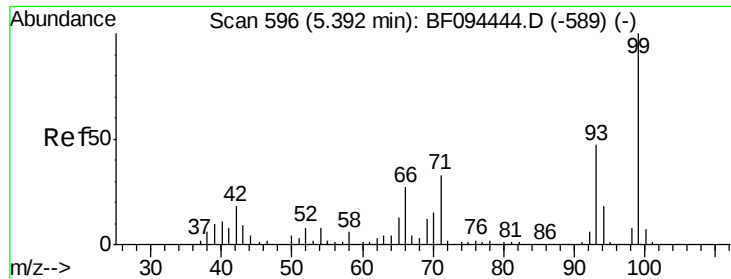
2-Fluorophenol
Concen: 109.65 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094583.D
Acq: 24 Apr 2017 14:17

Tgt Ion:112 Resp: 997700
Ion Ratio Lower Upper
112 100
64 58.5 46.0 69.0
63 28.5 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: 113.07 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094583.D

Acq: 24 Apr 2017 14:17

Instrument :

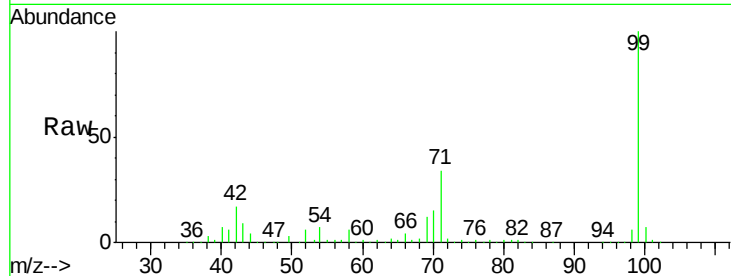
BNA_F

ClientSampled :

PE-1

Tot Ion: 99 Resp: 1212950

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	33.5	24.5	36.7

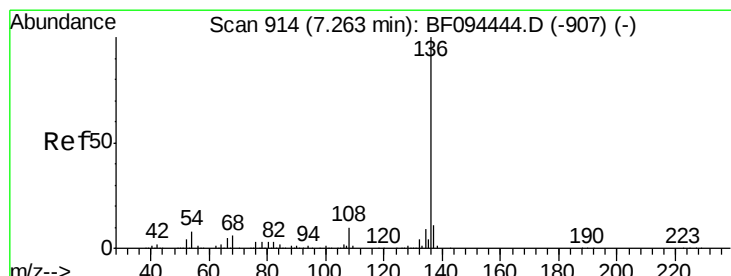
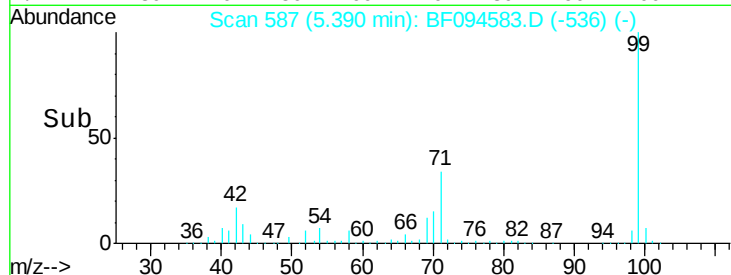


Abundance

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# 903

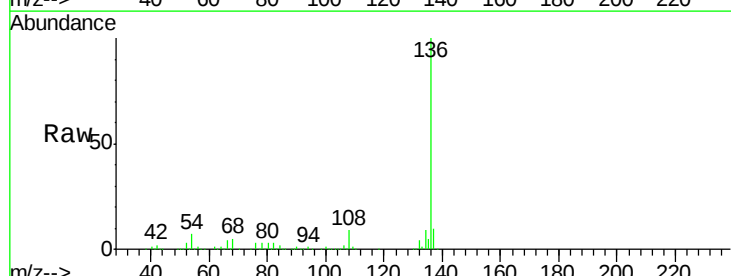
Delta R.T. -0.01 min

Lab File: BF094583.D

Acq: 24 Apr 2017 14:17

Tgt Ion: 136 Resp: 580995

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.8	4.9	7.3
68	5.3	4.1	6.1



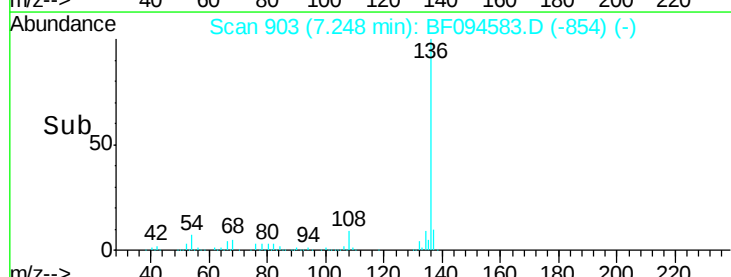
Abundance

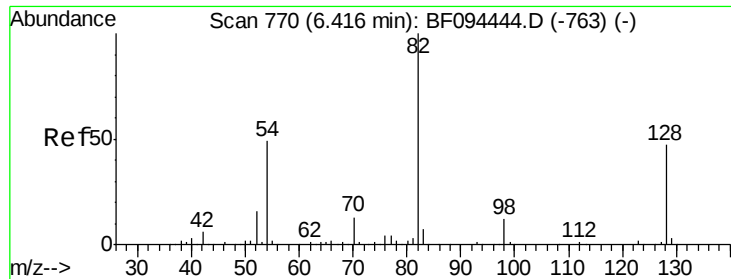
Ion 136.00 (135.70 to 136.70): E

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

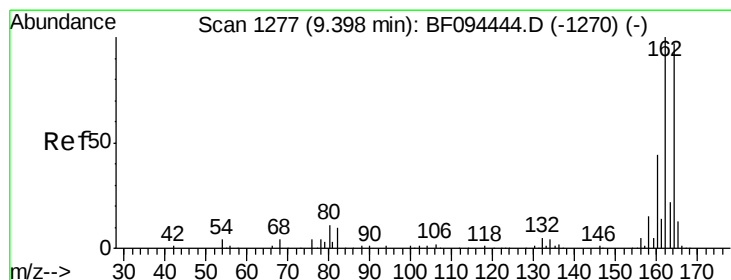
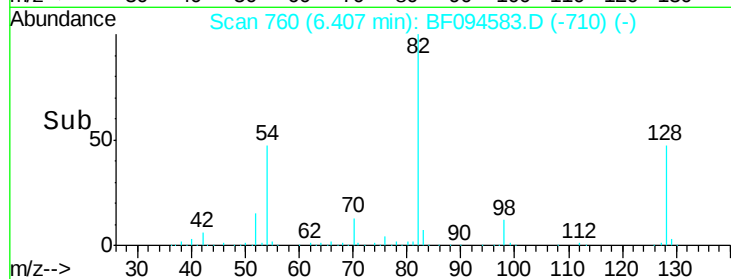
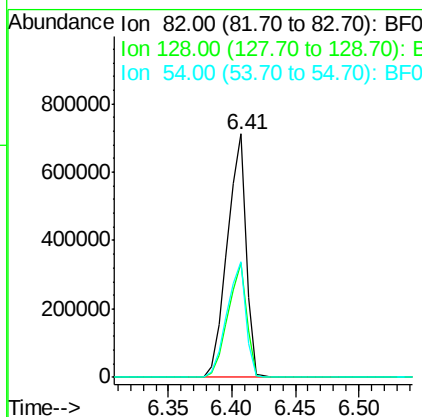
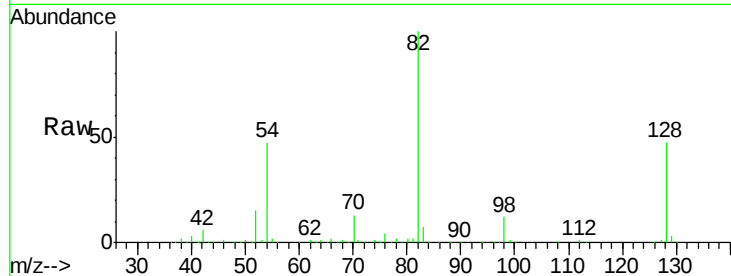




#23
 Nitrobenzene-d5
 Concen: 77.66 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094583.D
 Acq: 24 Apr 2017 14:17

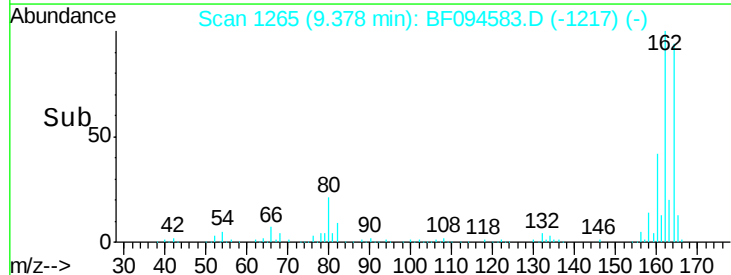
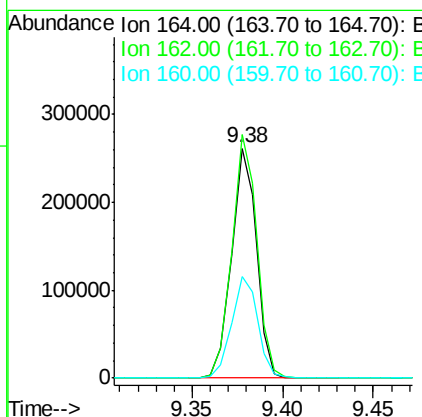
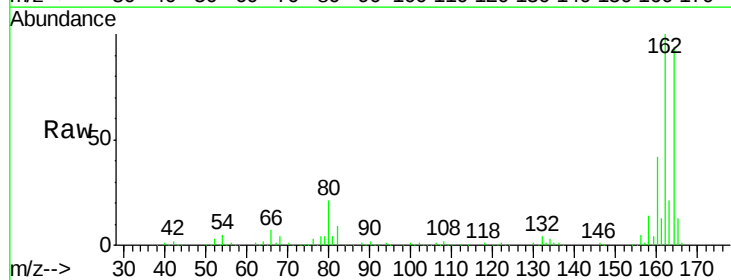
Instrument :
 BNA_F
 ClientSampled :
 PE-1

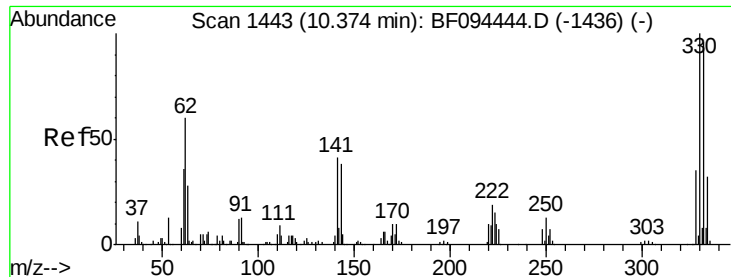
Tot Ion	82	Resp	730741
Ion Ratio	Lower	Upper	
82	100		
128	47.1	34.0	51.0
54	47.2	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094583.D
 Acq: 24 Apr 2017 14:17

Tgt Ion	164	Resp	249431
Ion Ratio	Lower	Upper	
164	100		
162	106.0	82.6	123.8
160	44.3	36.2	54.2

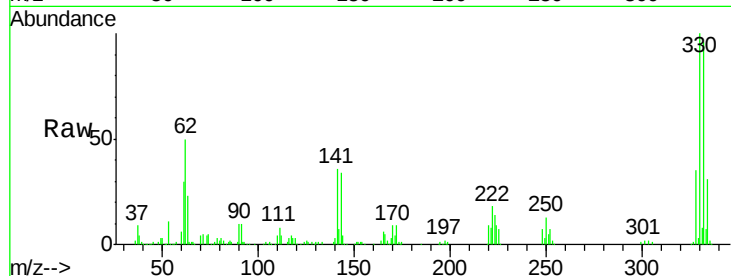




#41
 2,4,6-Tribromophenol
 Concen: 113.72 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094583.D
 Acq: 24 Apr 2017 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PE-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	39.2	31.4	47.2

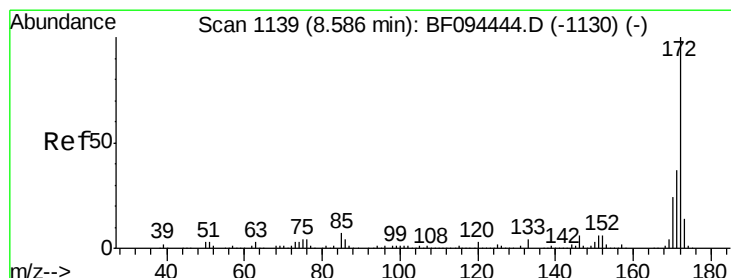
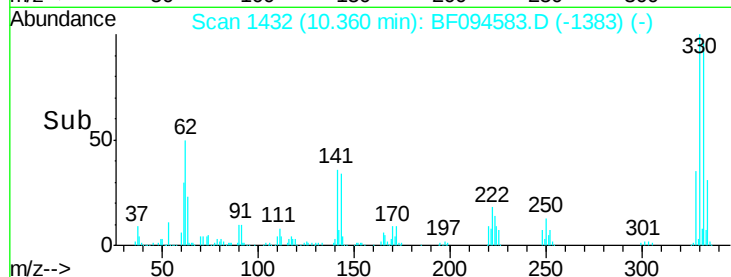
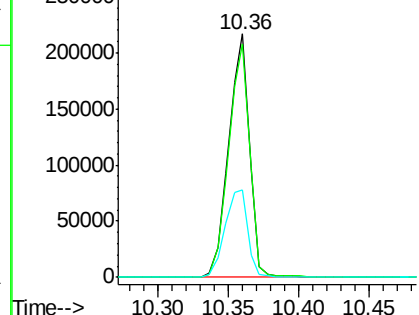


Abundance

Ion 329.80 (329.50 to 330.50): E

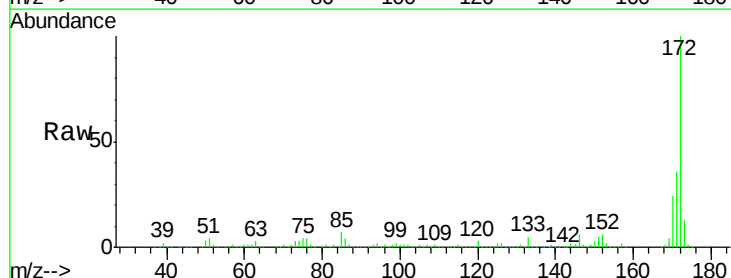
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.23 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094583.D
 Acq: 24 Apr 2017 14:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.1	19.8	29.8

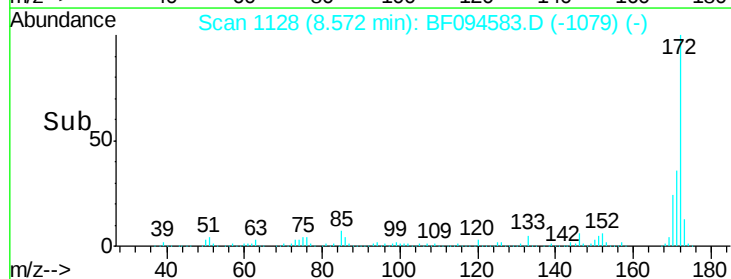
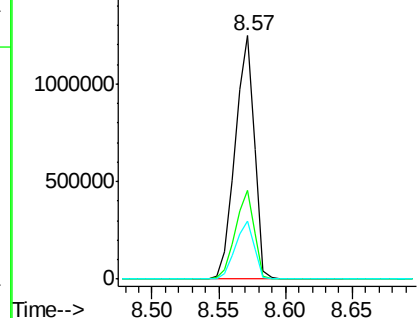


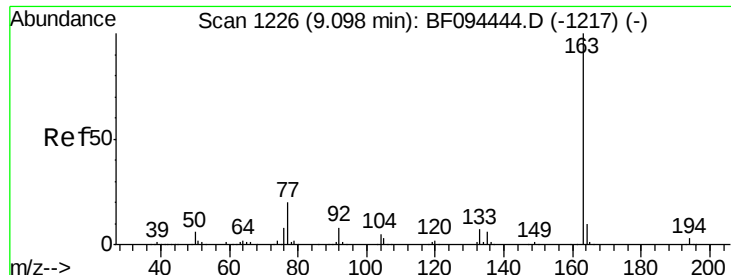
Abundance

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

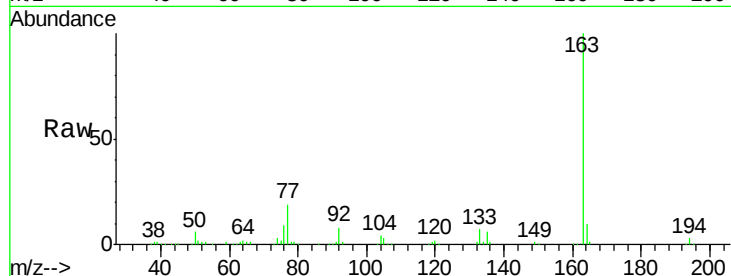




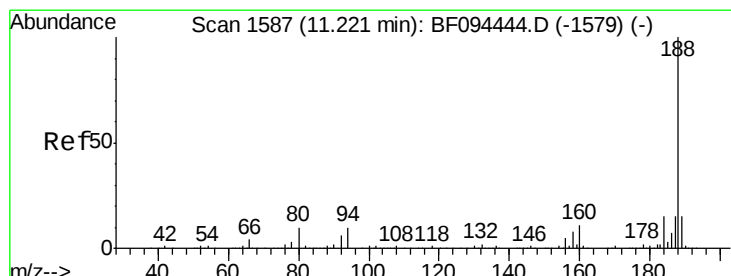
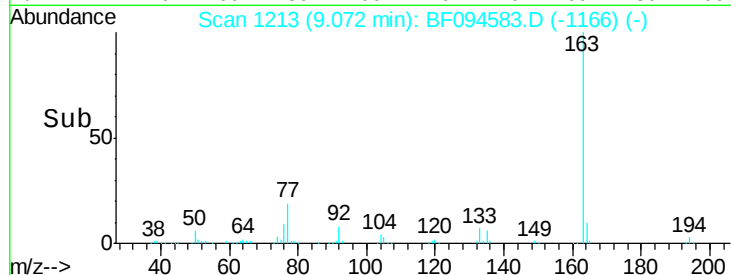
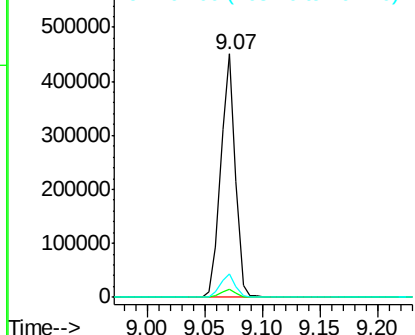
#49
Dimethylphthalate
Concen: 21.17 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF094583.D
Acq: 24 Apr 2017 14:17

Instrument :
BNA_F
ClientSampleId :
PE-1

Tot Ion:163 Resp: 393605
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.6 8.4 12.6

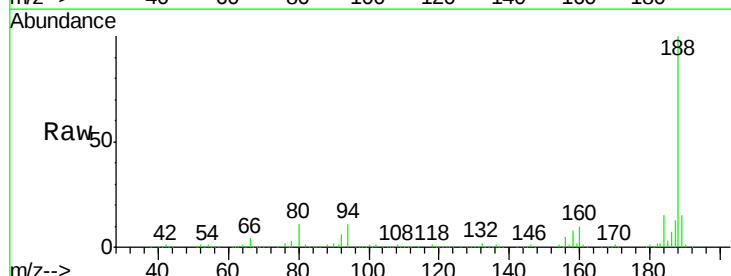


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

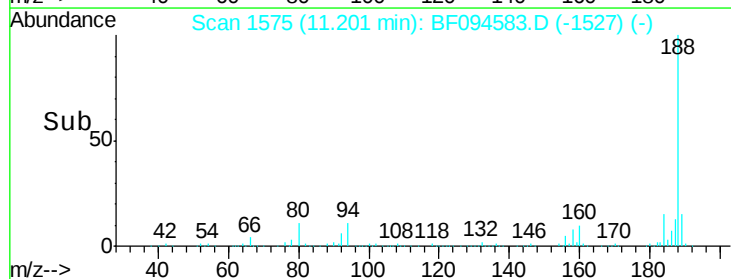
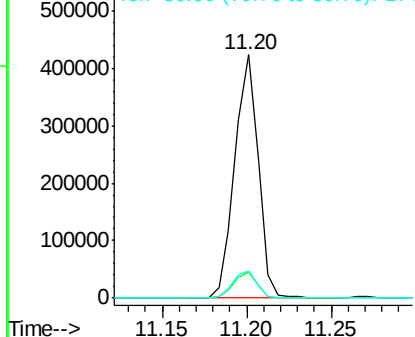


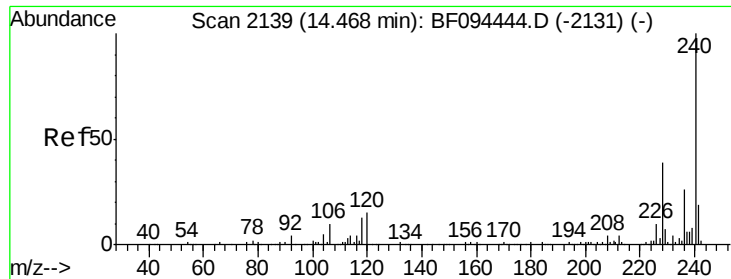
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094583.D
Acq: 24 Apr 2017 14:17

Tgt Ion:188 Resp: 409391
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.0 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: 14.45 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BF094583.D

Acq: 24 Apr 2017 14:17

Instrument :

BNA_F

ClientSampleId :

PE-1

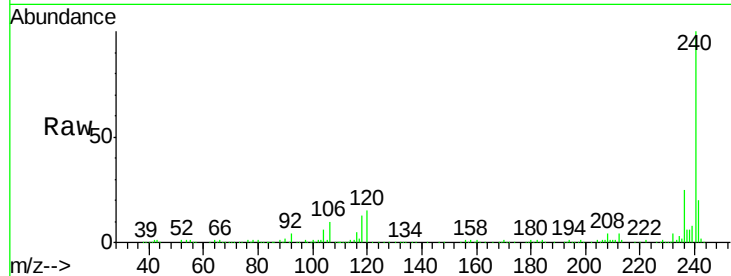
Tot Ion:240 Resp: 278150

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

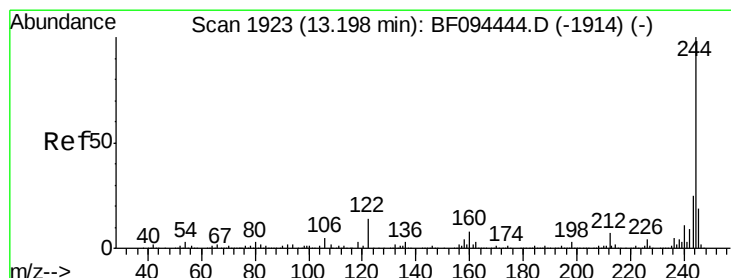
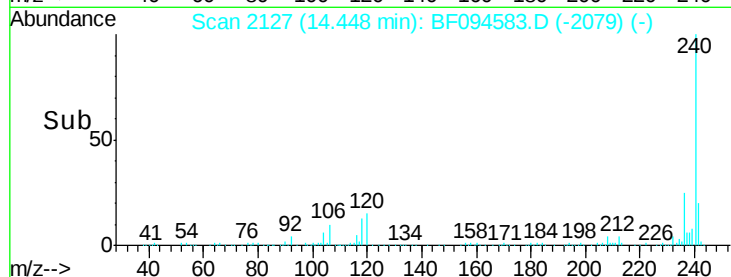
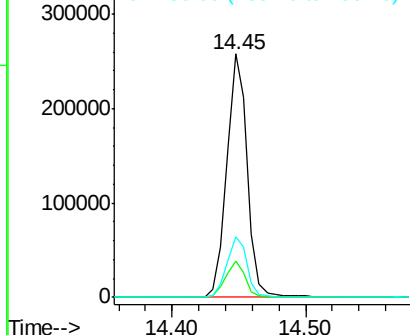
236 25.1 20.5 30.7



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: 81.71 ng

RT: 13.18 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BF094583.D

Acq: 24 Apr 2017 14:17

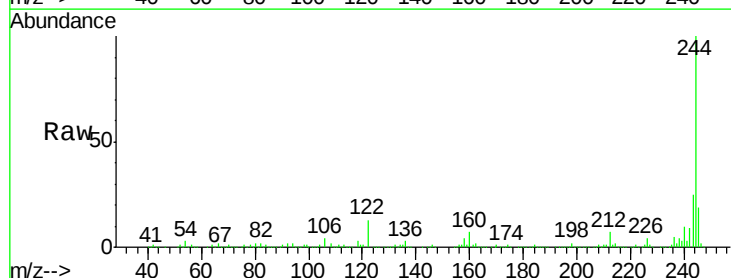
Tgt Ion:244 Resp: 850292

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

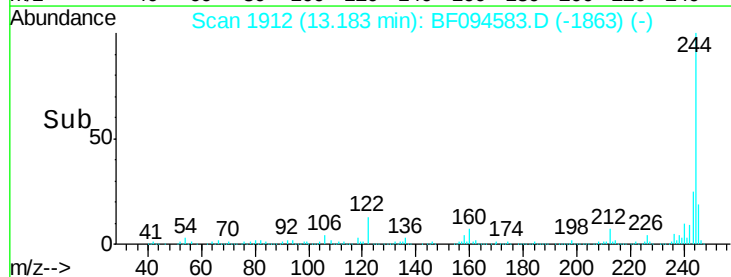
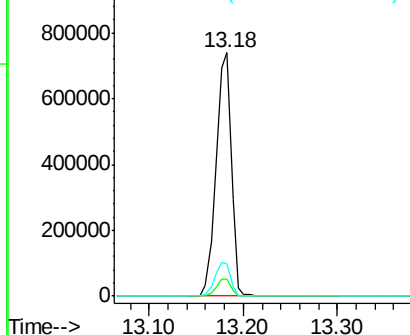
122 13.4 10.3 15.5

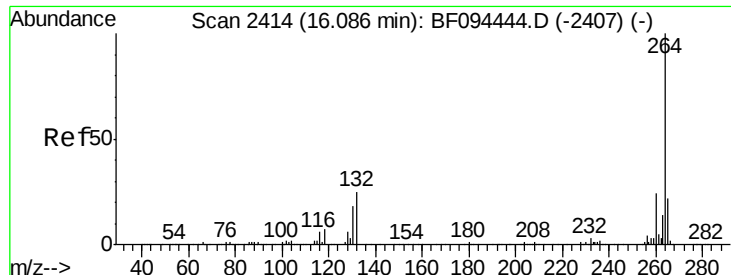


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

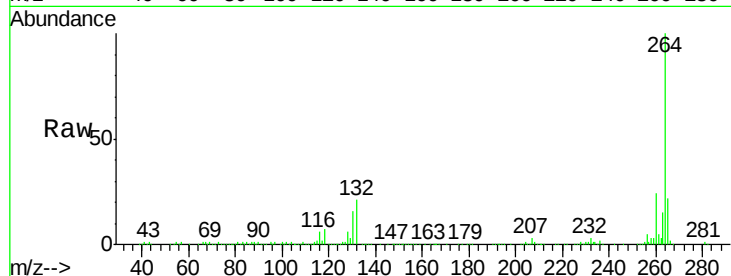




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094583.D
Acq: 24 Apr 2017 14:17

Instrument :
BNA_F
ClientSampleId :
PE-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.0	17.2	25.8



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

