

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094477.D
 Acq On : 18 Apr 2017 5:23
 Operator : SJ/MA
 Sample : I2707-02 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 06:45:18 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

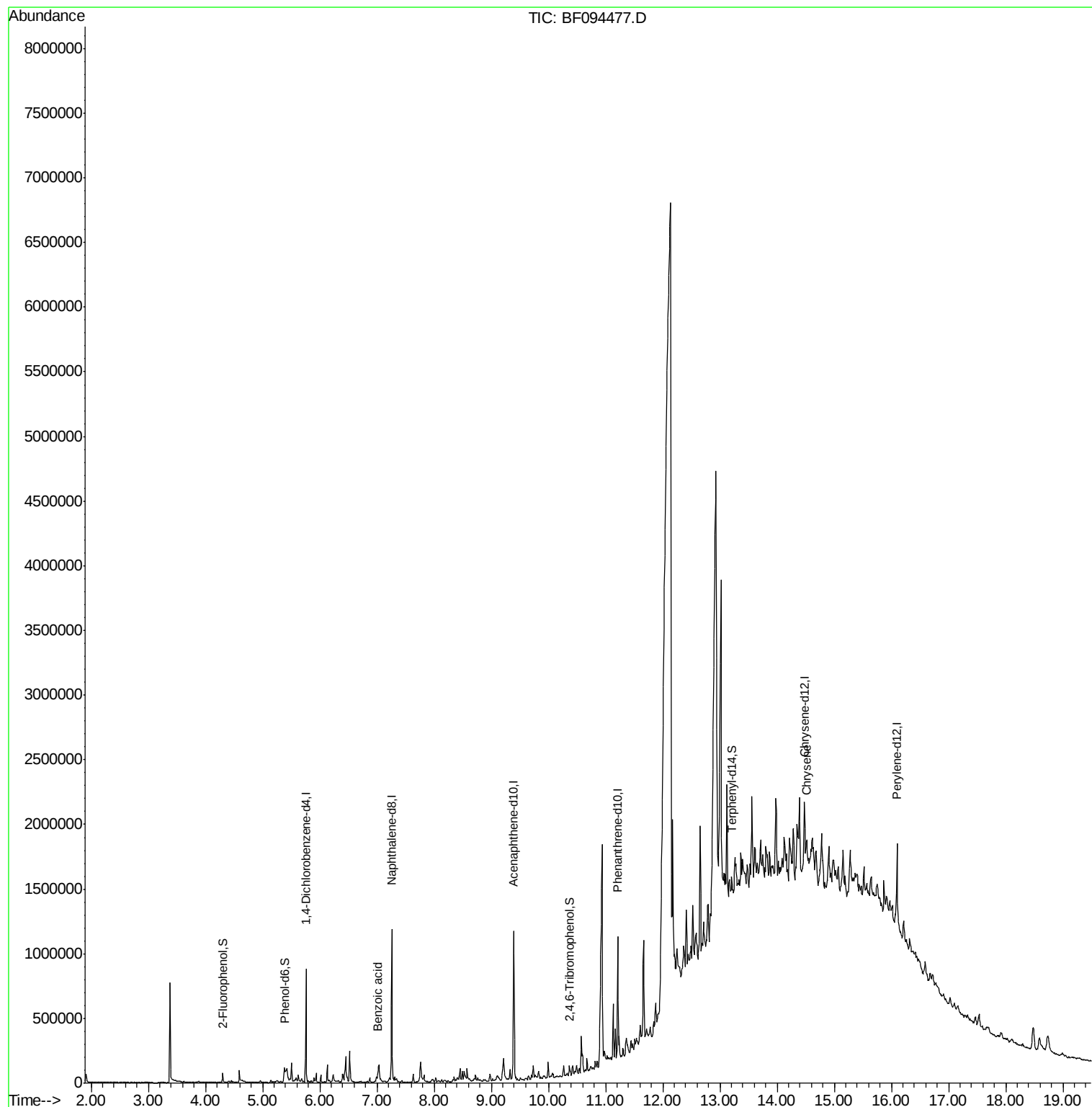
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	136859	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	546811	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	252398	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	375625	20.00	ng	0.00
75) Chrysene-d12	14.48	240	237435	20.00	ng	0.01
86) Perylene-d12	16.10	264	228246	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	22310	2.70	ng	0.00
7) Phenol-d6	5.38	99	26725	2.75	ng	-0.01
23) Nitrobenzene-d5	6.40	82	16253	1.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	4516	2.29	ng	-0.01
44) 2-Fluorobiphenyl	8.58	172	33389	1.95	ng	0.00
78) Terphenyl-d14	13.20	244	20132	2.27	ng	0.00
Target Compounds						
32) Benzoic acid	7.00	122	10719	2.49	ng	Qvalue 90
82) Chrysene	14.51	228	31095	2.47	ng	# 74

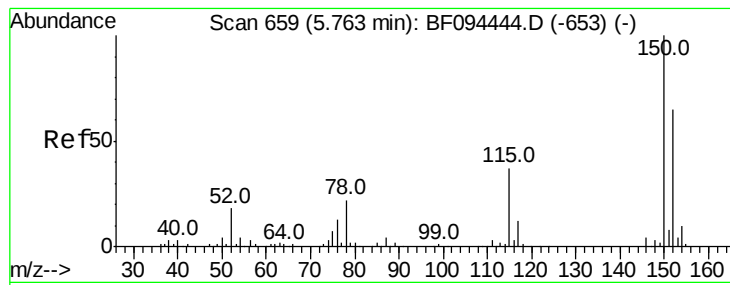
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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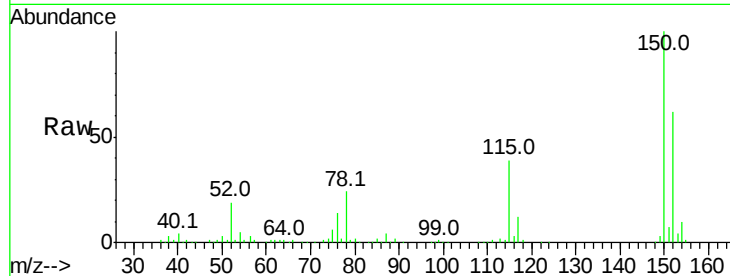


#1

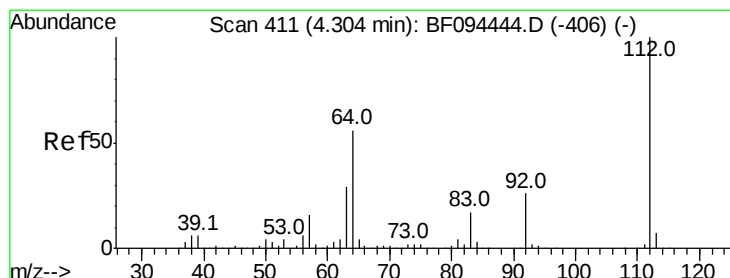
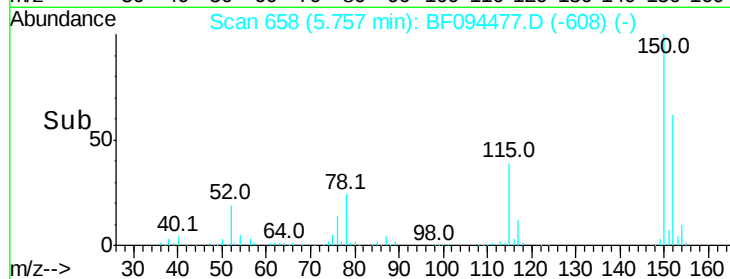
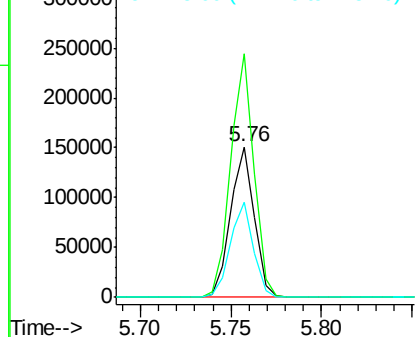
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF094477.D
Acq: 18 Apr 2017 5:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	126.2	189.2
115	63.0	52.2	78.2



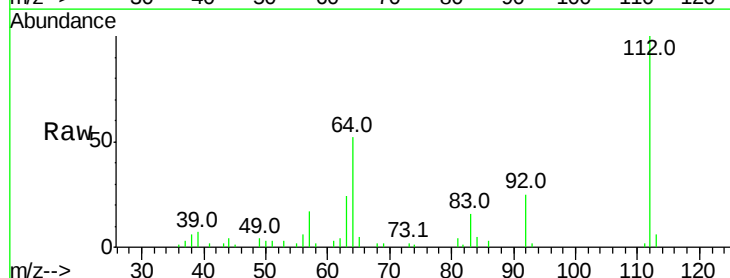
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



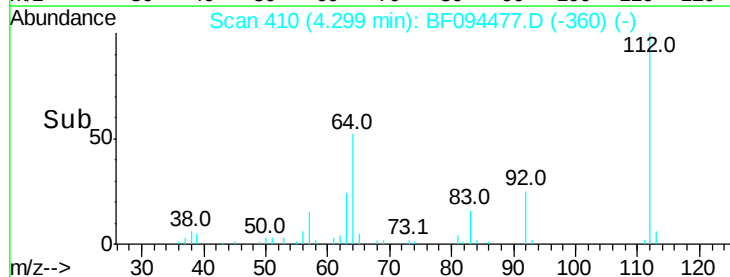
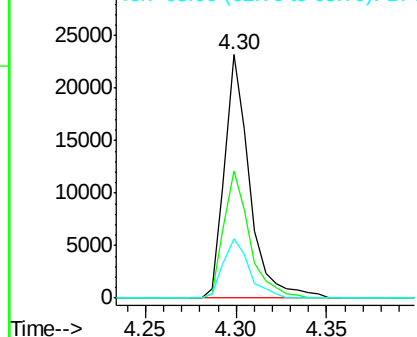
#5

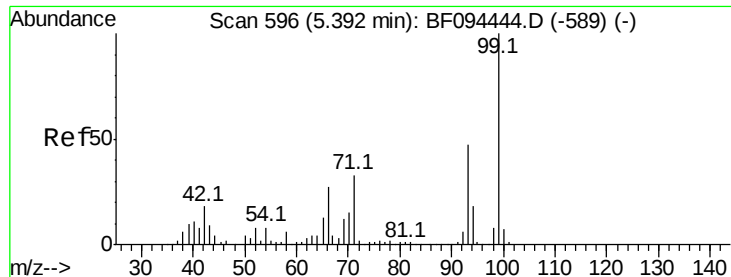
2-Fluorophenol
Concen: 2.70 ng
RT: 4.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF094477.D
Acq: 18 Apr 2017 5:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	46.0	69.0
63	24.3	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: 2.75 ng

RT: 5.38 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF094477.D

Acq: 18 Apr 2017 5:23

Instrument :

BNA_F

ClientSampleId :

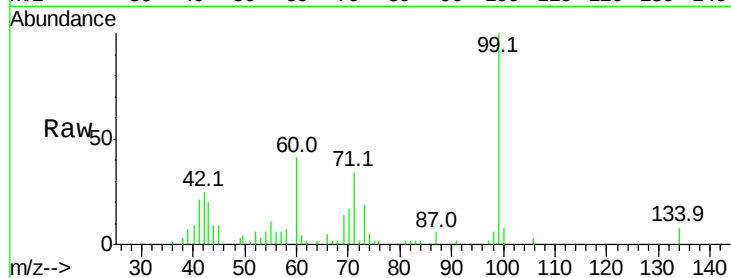
Tot Ion: 99 Resp: 26725

Ion Ratio Lower Upper

99 100

42 24.9 13.5 20.3#

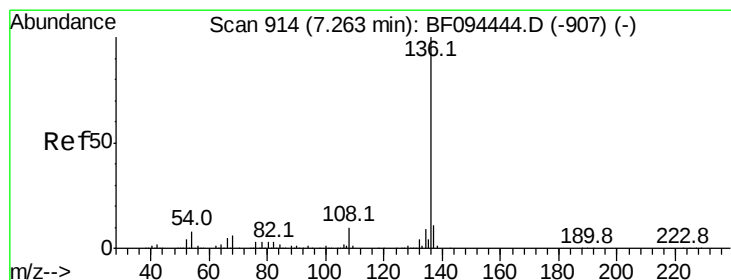
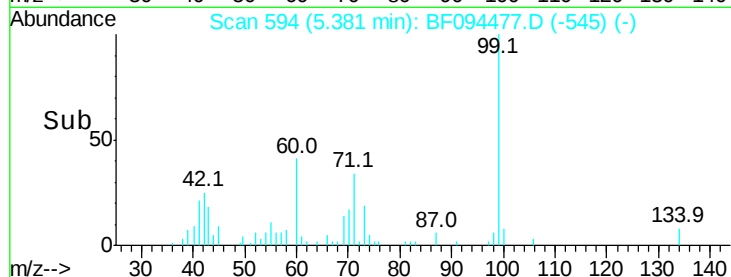
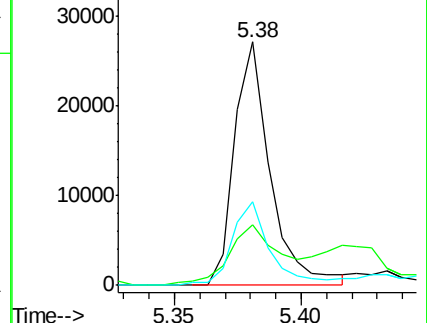
71 34.3 24.5 36.7



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: 7.26 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF094477.D

Acq: 18 Apr 2017 5:23

Tgt Ion: 136 Resp: 546811

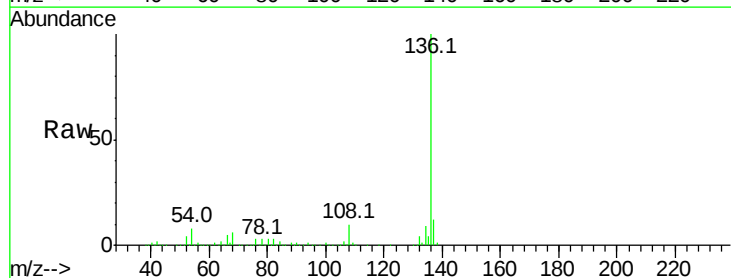
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 7.7 4.9 7.3#

68 5.9 4.1 6.1

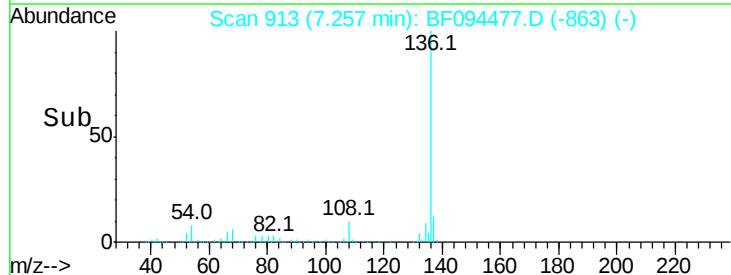
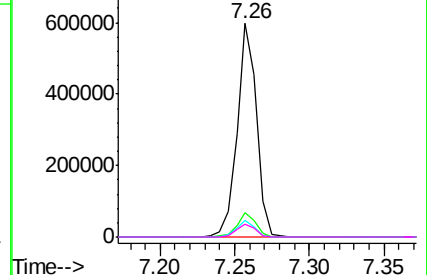


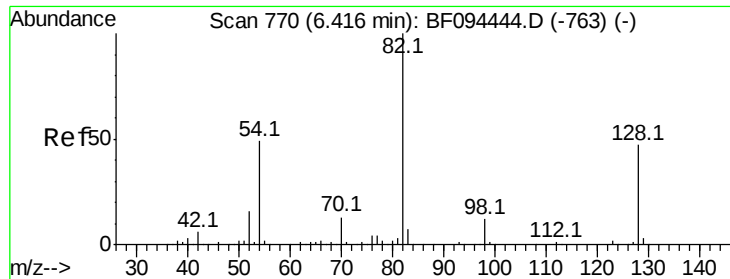
Abundance Ion 136.00 (135.70 to 136.70): E

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

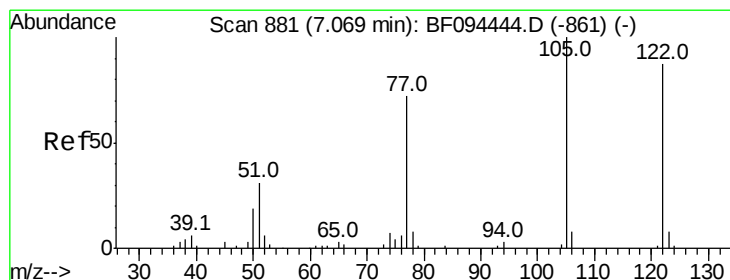
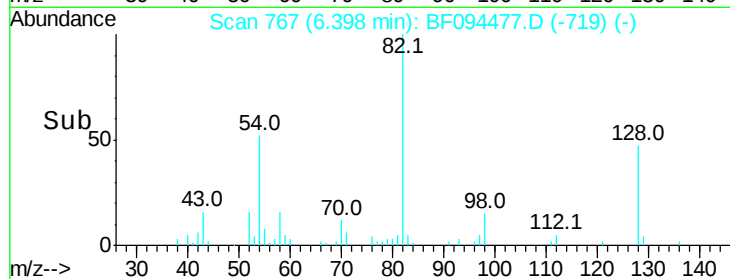
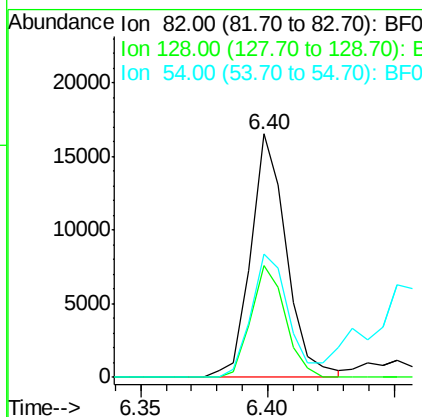
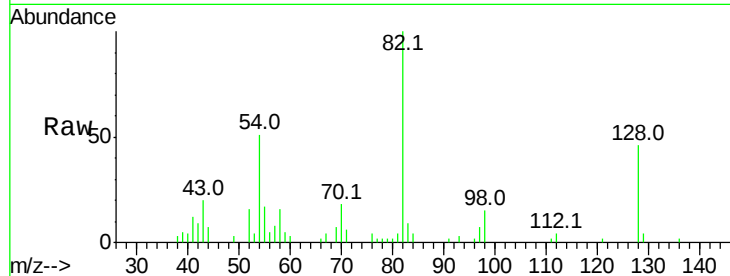




#23
 Nitrobenzene-d5
 Concen: 1.84 ng
 RT: 6.40 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF094477.D
 Acq: 18 Apr 2017 5:23

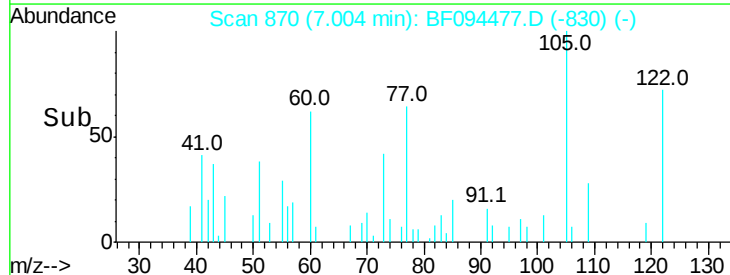
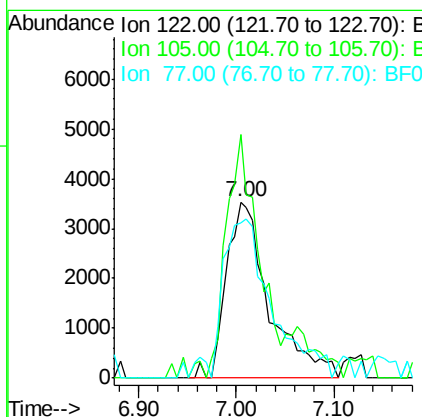
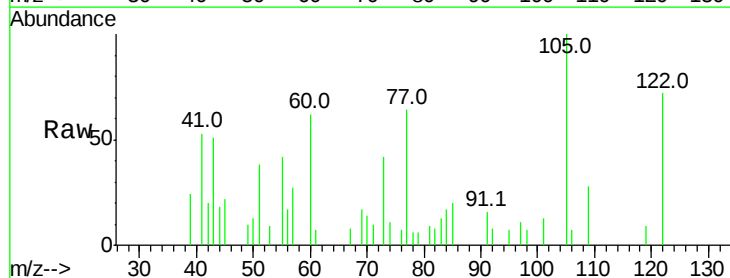
Instrument :
 BNA_F
 ClientSampleId :

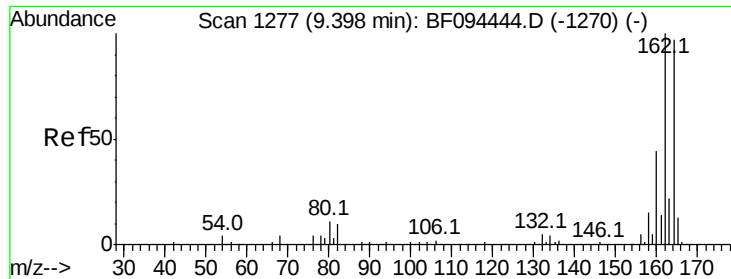
Tot Ion:	82	Resp:	16253
Ion Ratio	Lower	Upper	
82	100		
128	46.1	34.0	51.0
54	50.8	42.2	63.2



#32
 Benzoic acid
 Concen: 2.49 ng
 RT: 7.00 min Scan# 870
 Delta R.T. -0.06 min
 Lab File: BF094477.D
 Acq: 18 Apr 2017 5:23

Tgt Ion:	122	Resp:	10719
Ion Ratio	Lower	Upper	
122	100		
105	138.2	103.3	143.3
77	88.2	73.7	113.7

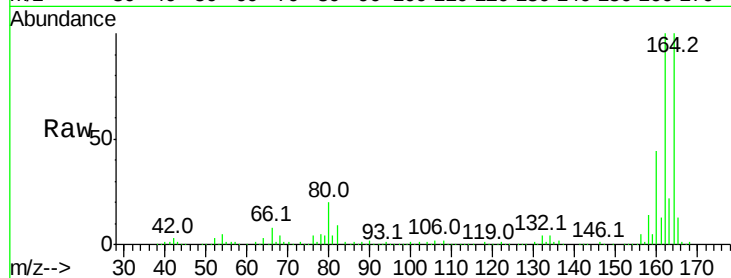




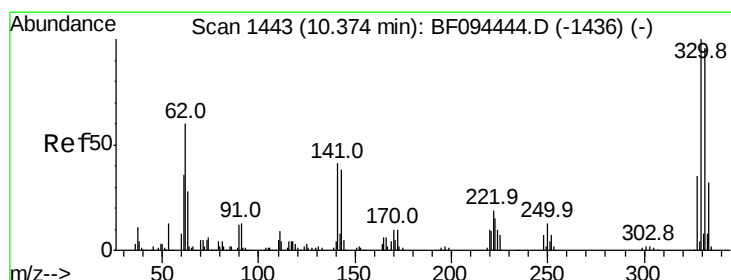
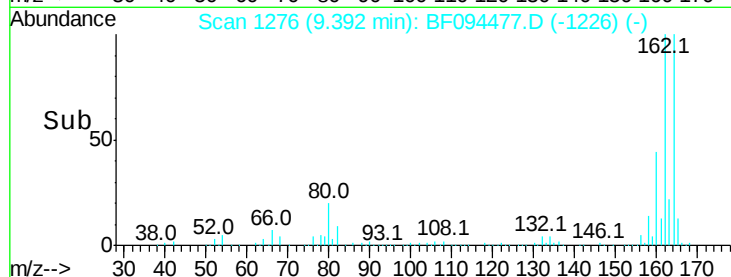
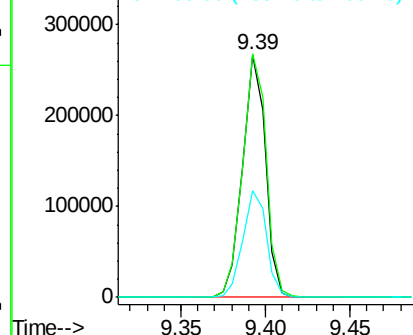
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF094477.D
Acq: 18 Apr 2017 5:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 252398
Ion Ratio Lower Upper
164 100
162 100.5 82.6 123.8
160 43.9 36.2 54.2

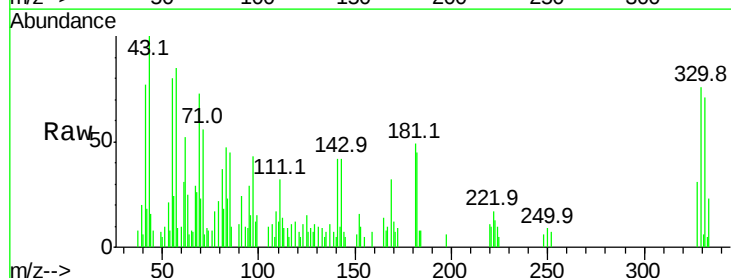


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

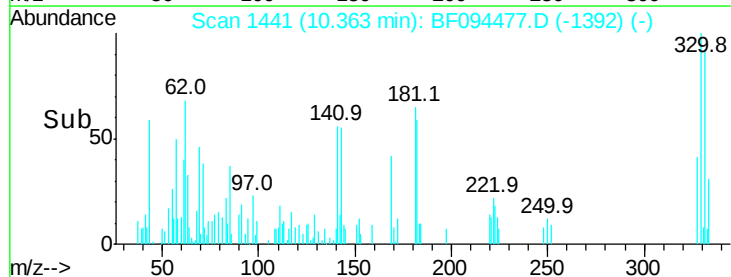
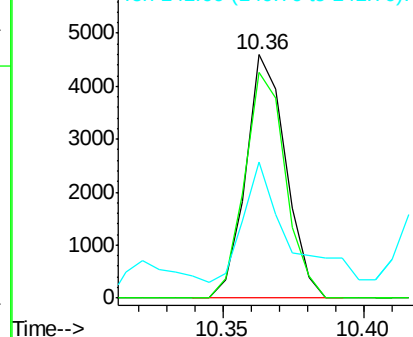


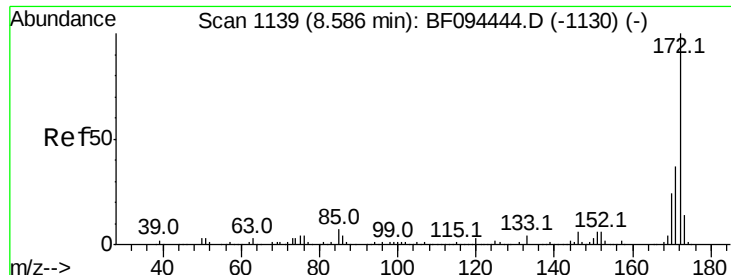
#41
2,4,6-Tribromophenol
Concen: 2.29 ng
RT: 10.36 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF094477.D
Acq: 18 Apr 2017 5:23

Tgt Ion:330 Resp: 4516
Ion Ratio Lower Upper
330 100
332 94.7 76.6 115.0
141 54.2 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

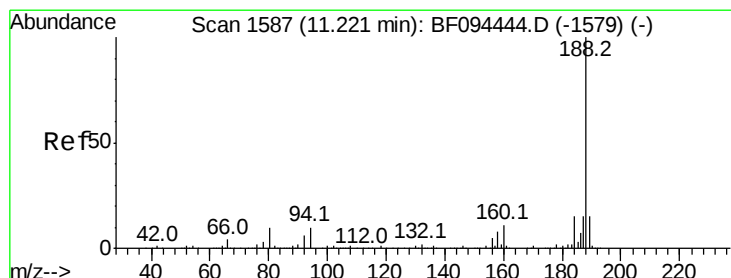
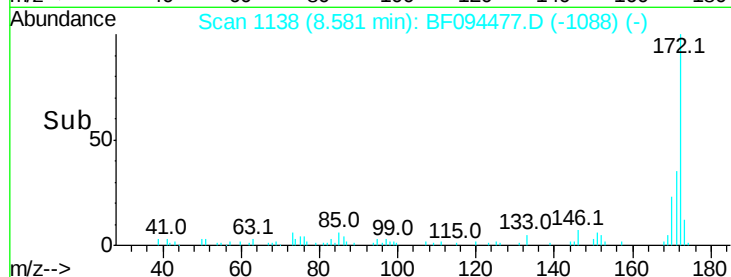
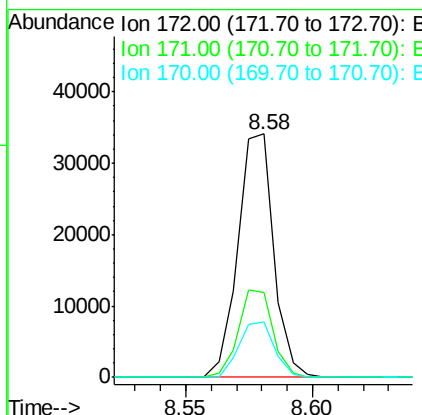
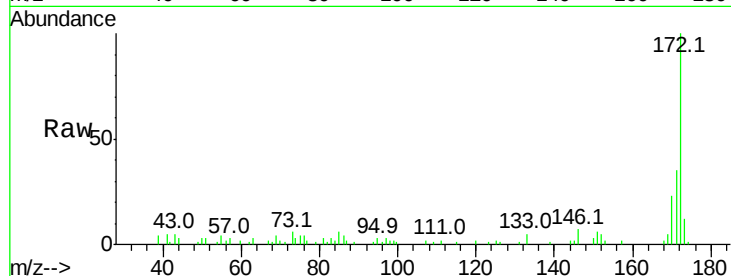




#44
2-Fluorobiphenyl
Concen: 1.95 ng
RT: 8.58 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF094477.D
Acq: 18 Apr 2017 5:23

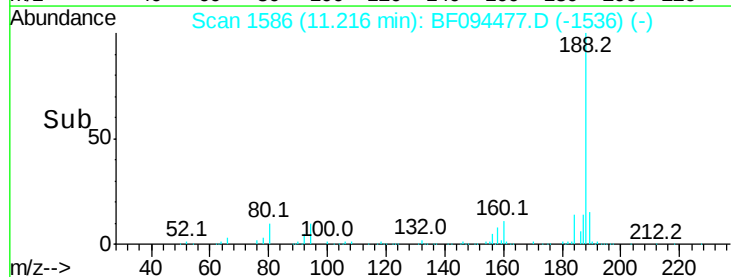
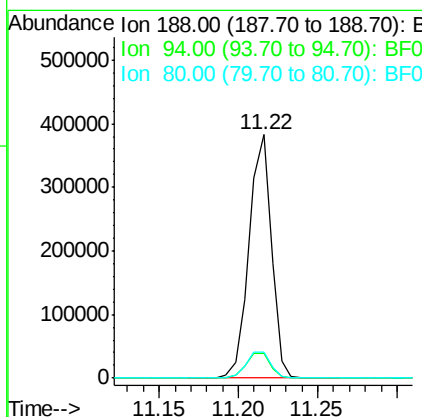
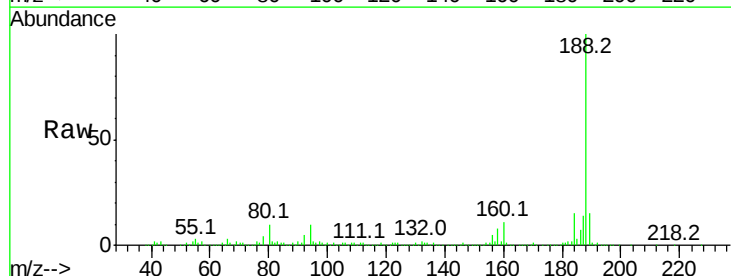
Instrument :
BNA_F
ClientSampleId :

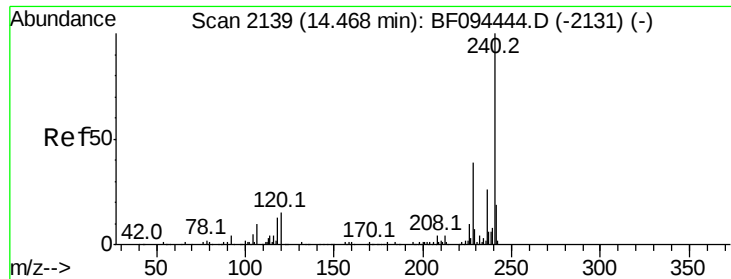
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	22.6	19.8	29.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF094477.D
Acq: 18 Apr 2017 5:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	10.4	10.2	15.2





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.48 min Scan# 2141

Delta R.T. 0.01 min

Lab File: BF094477.D

Acq: 18 Apr 2017 5:23

Instrument :

BNA_F

ClientSampleId :

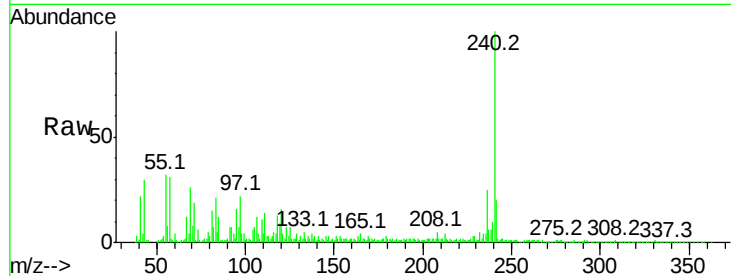
Tot Ion:240 Resp: 237435

Ion Ratio Lower Upper

240 100

120 16.4 5.8 8.8#

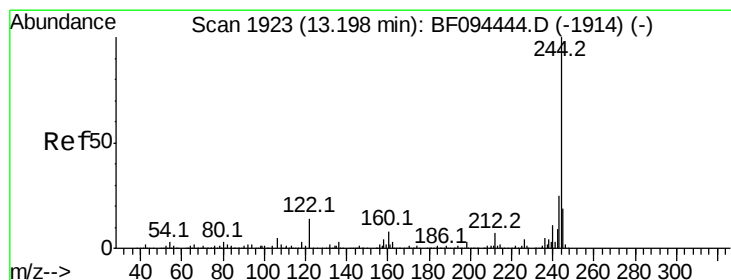
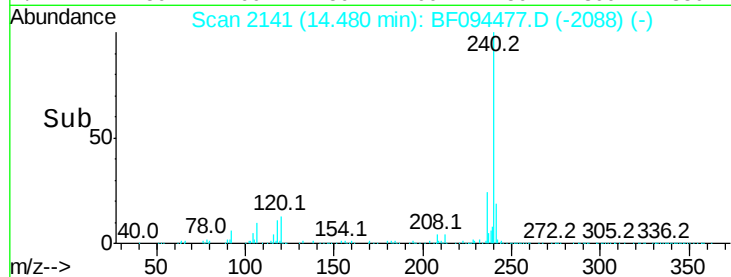
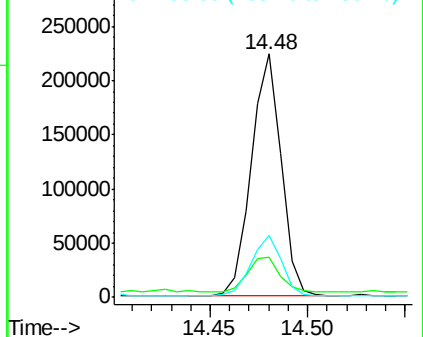
236 25.2 20.5 30.7



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: 2.27 ng

RT: 13.20 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF094477.D

Acq: 18 Apr 2017 5:23

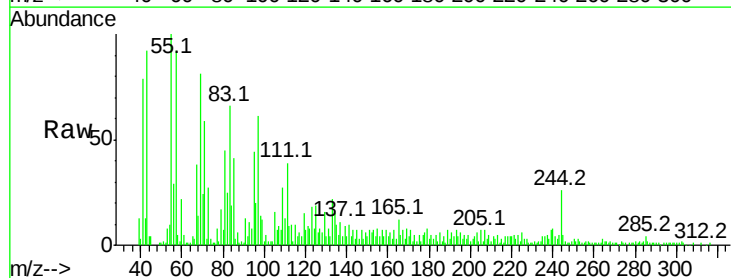
Tgt Ion:244 Resp: 20132

Ion Ratio Lower Upper

244 100

212 11.2 6.0 9.0#

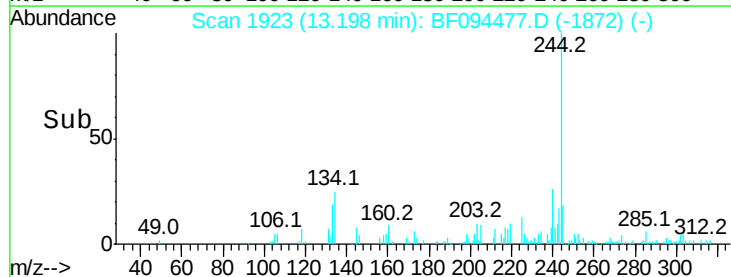
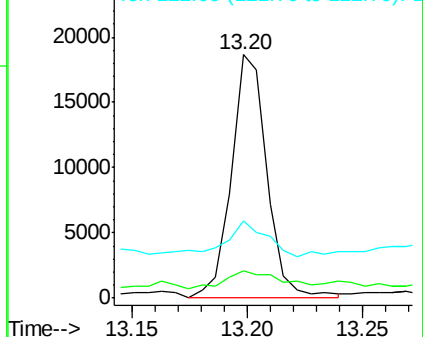
122 31.8 10.3 15.5#

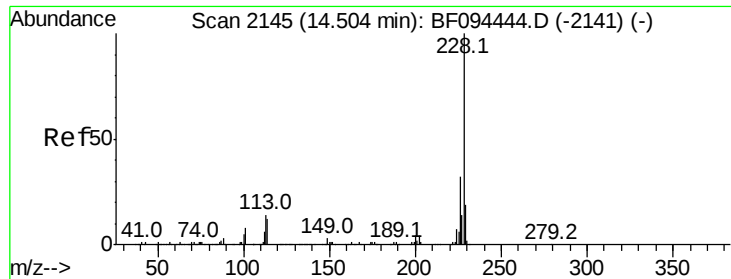


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

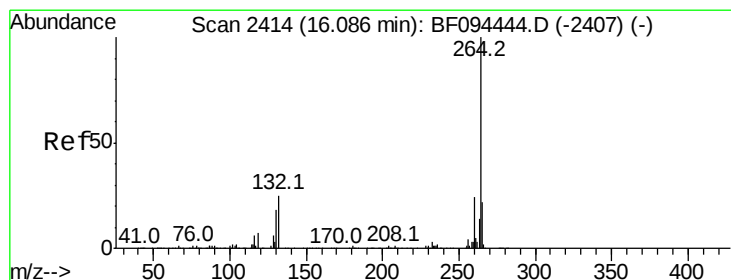
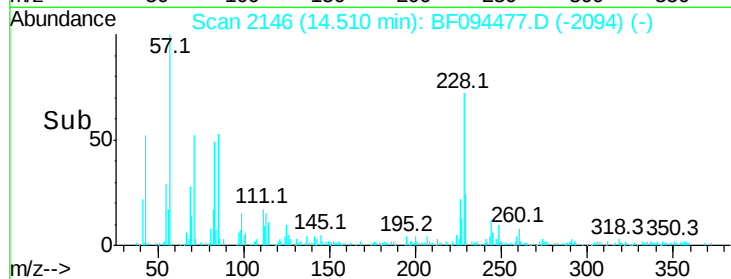
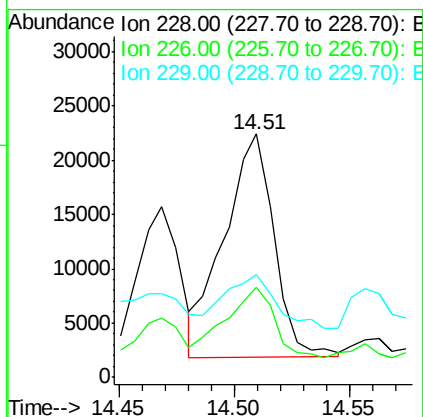
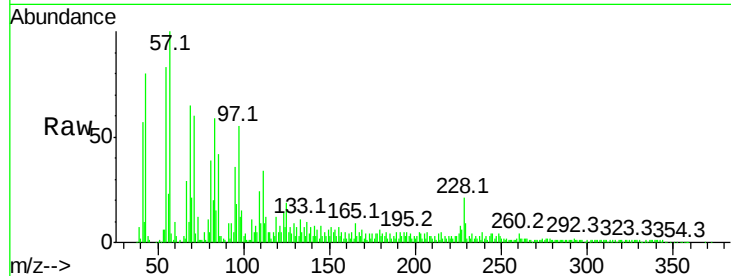




#82
Chrysene
Concen: 2.47 ng
RT: 14.51 min Scan# 2146
Delta R.T. 0.01 min
Lab File: BF094477.D
Acq: 18 Apr 2017 5:23

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.0	24.9	37.3
229	42.0	15.8	23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 2416
Delta R.T. 0.01 min
Lab File: BF094477.D
Acq: 18 Apr 2017 5:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.5	17.2	25.8

