

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094762.D
 Acq On : 1 May 2017 21:21
 Operator : SJ/MA
 Sample : I2914-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 01:41:20 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

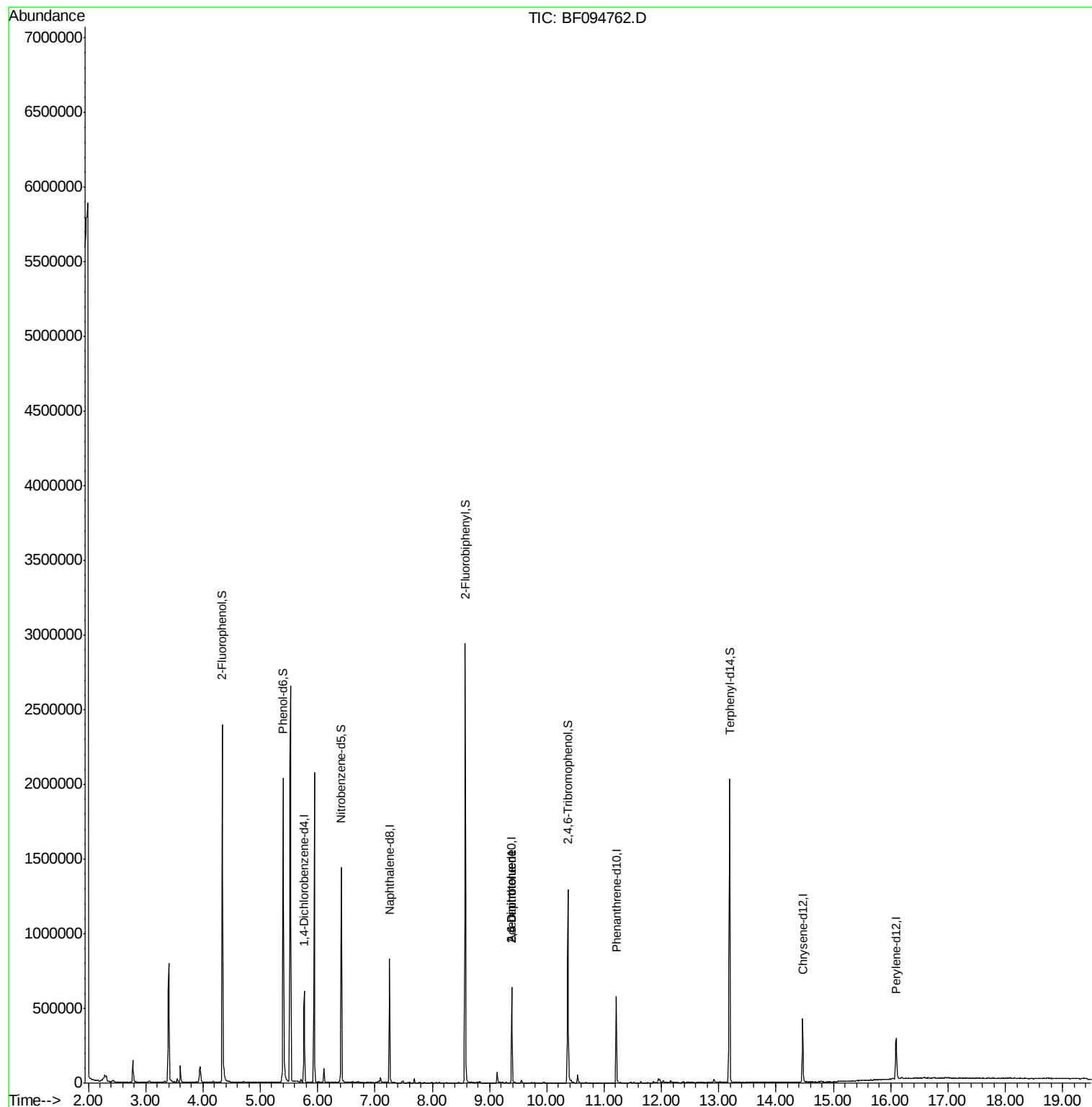
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	96031	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	377230	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	136073	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	242450	20.00	ng	0.00
75) Chrysene-d12	14.46	240	175212	20.00	ng	0.00
86) Perylene-d12	16.09	264	105101	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	745669	128.82	ng	0.03
7) Phenol-d6	5.40	99	766617	112.34	ng	0.00
23) Nitrobenzene-d5	6.41	82	534655	87.52	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	178778	167.97	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1017987	110.07	ng	0.00
78) Terphenyl-d14	13.19	244	704495	107.47	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.39	165	16694	7.33	ng	# 31
56) 2,4-Dinitrotoluene	9.39	165	16693	5.98	ng	# 31

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

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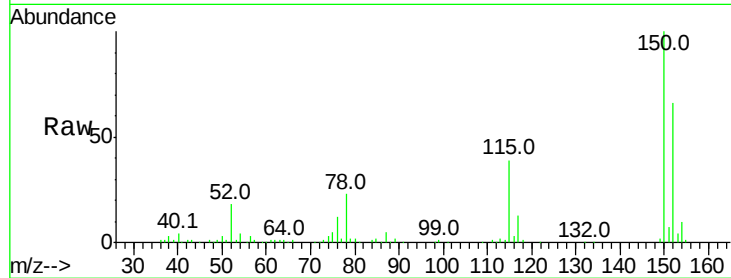


#1

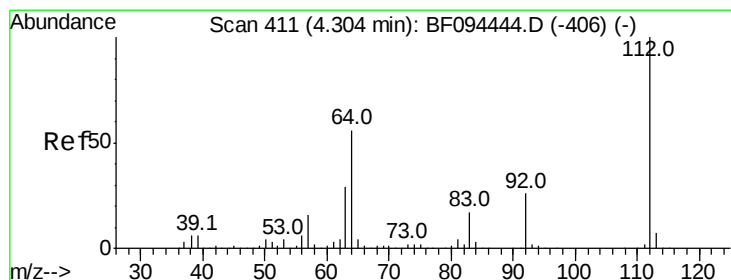
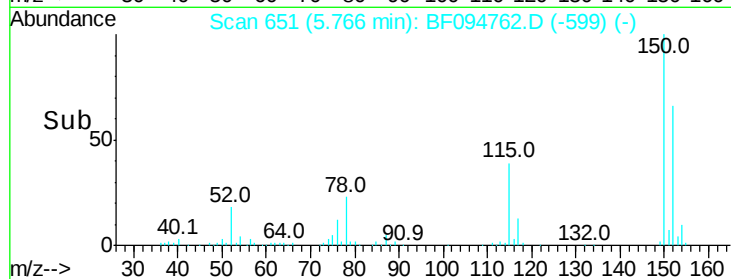
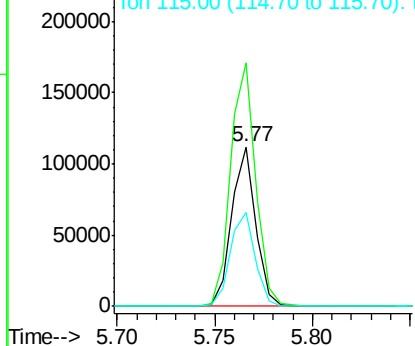
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094762.D
Acq: 1 May 2017 21:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 96031
Ion Ratio Lower Upper
152 100
150 152.5 126.2 189.2
115 59.2 52.2 78.2



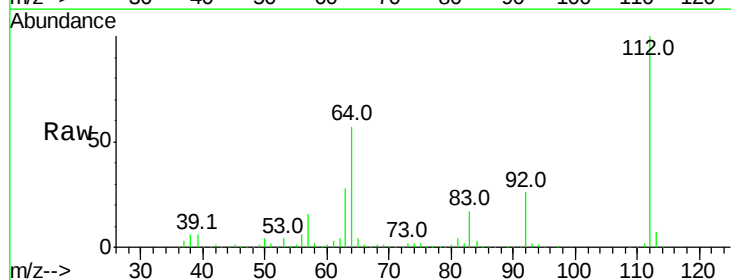
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



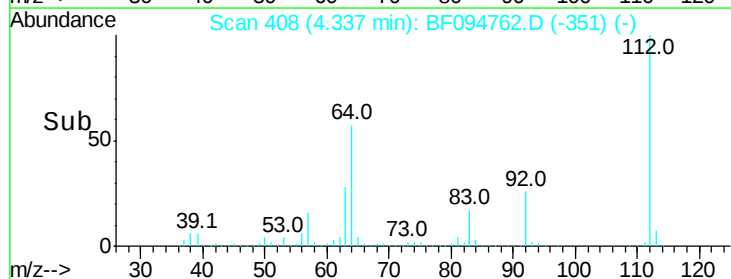
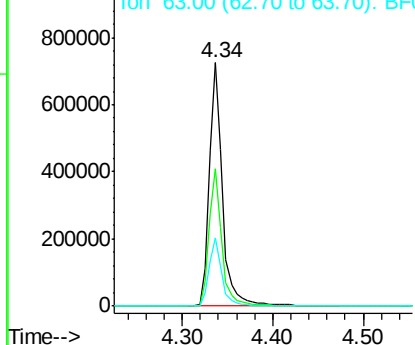
#5

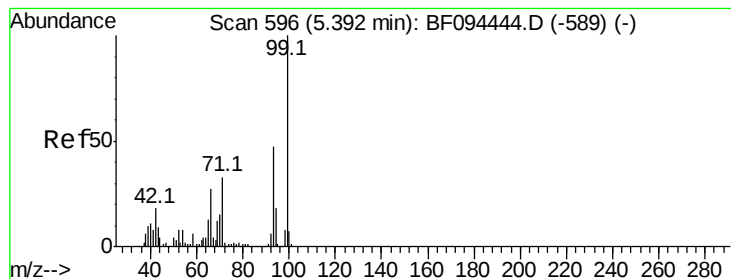
2-Fluorophenol
Concen: 128.82 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094762.D
Acq: 1 May 2017 21:21

Tgt Ion:112 Resp: 745669
Ion Ratio Lower Upper
112 100
64 56.6 46.0 69.0
63 28.1 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: 112.34 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094762.D

Acq: 1 May 2017 21:21

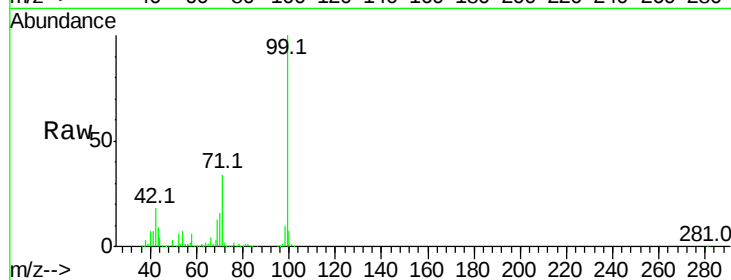
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 766617

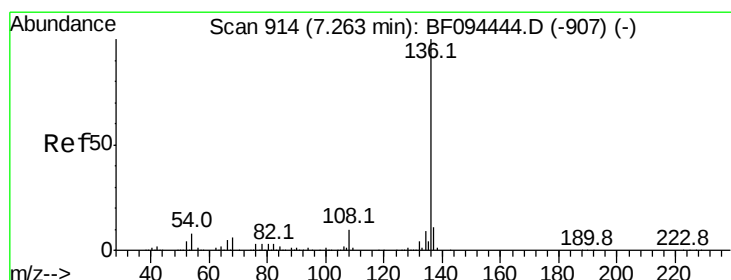
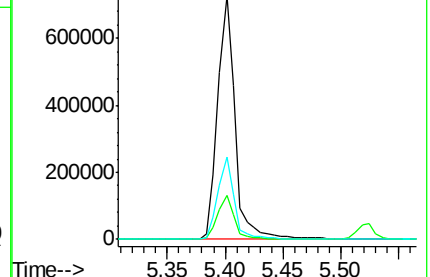
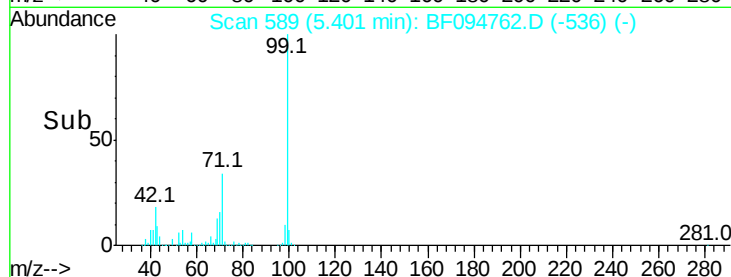
Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.5	20.3
71	33.7	24.5	36.7



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

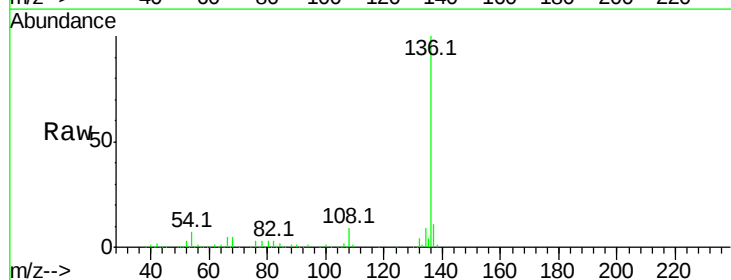
Delta R.T. -0.01 min

Lab File: BF094762.D

Acq: 1 May 2017 21:21

Tgt Ion: 136 Resp: 377230

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.6	4.9	7.3
68	5.4	4.1	6.1

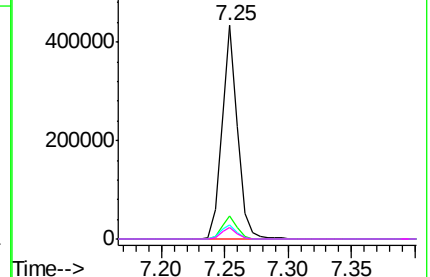
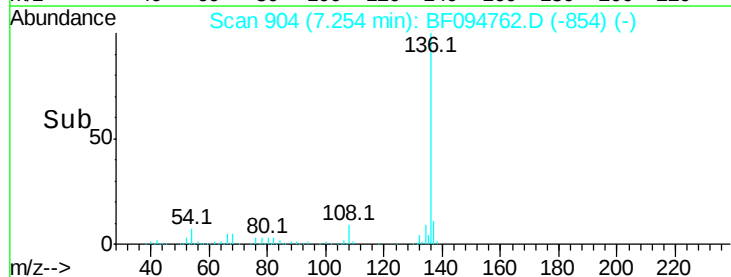


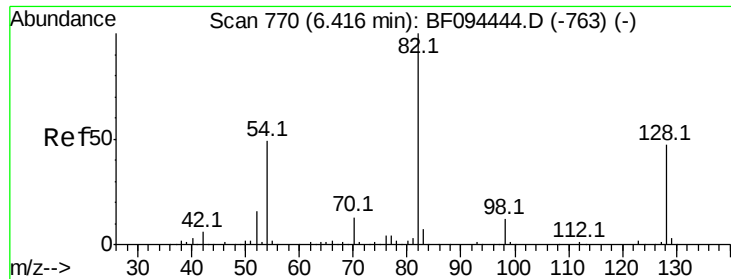
Abundance Ion 136.00 (135.70 to 136.70): E

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

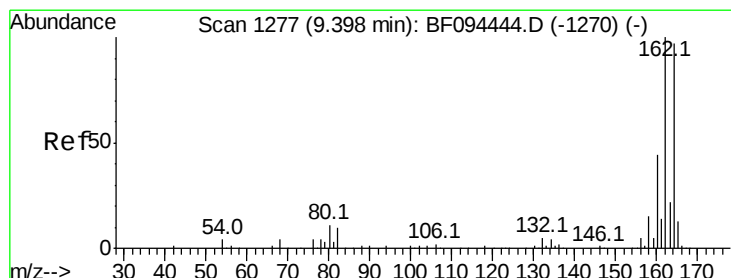
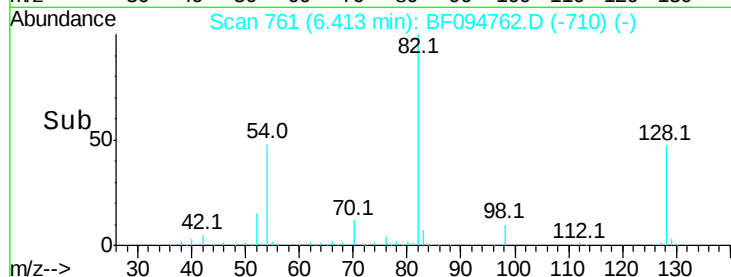
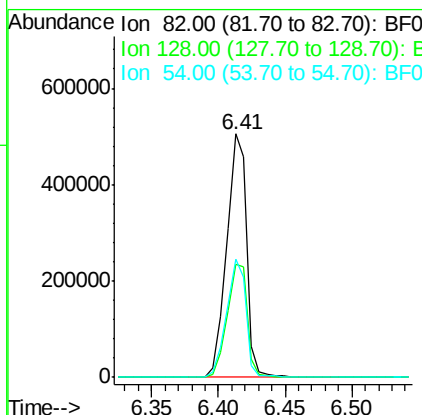
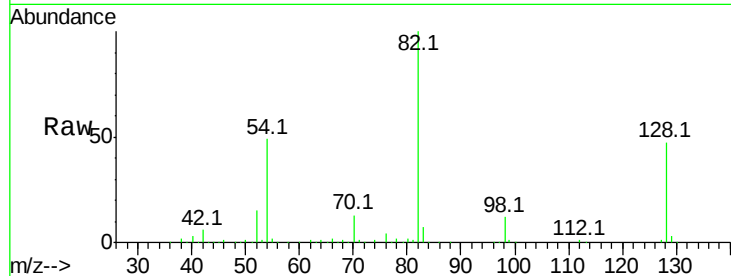




#23
 Nitrobenzene-d5
 Concen: 87.52 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094762.D
 Acq: 1 May 2017 21:21

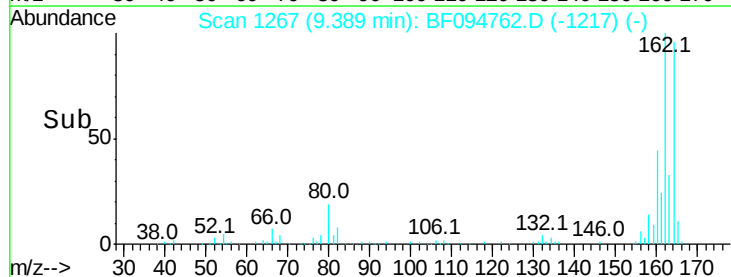
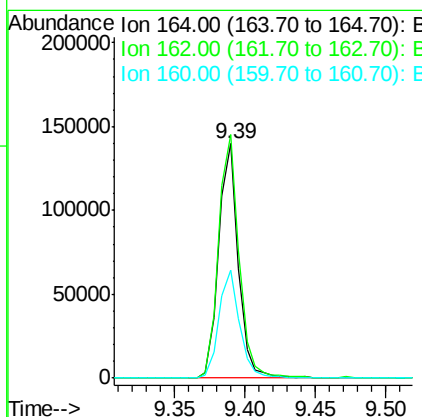
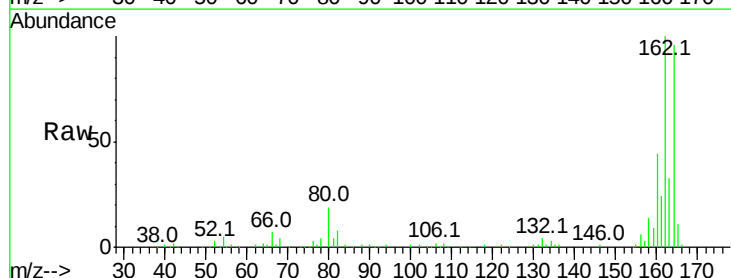
Instrument :
 BNA_F
 ClientSampleId :

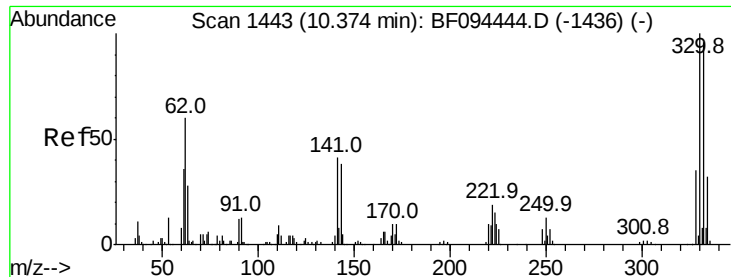
Tot Ion	82	Resp	534655
Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	48.5	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094762.D
 Acq: 1 May 2017 21:21

Tgt Ion	164	Resp	136073
Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.6	123.8
160	45.9	36.2	54.2

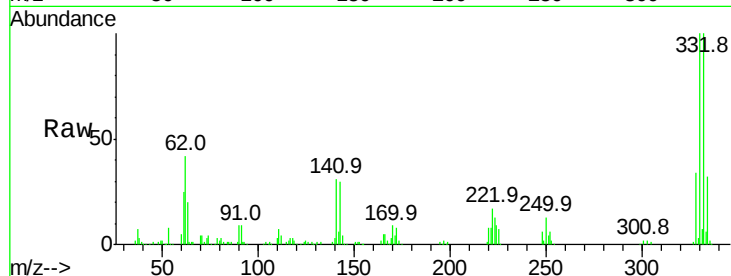




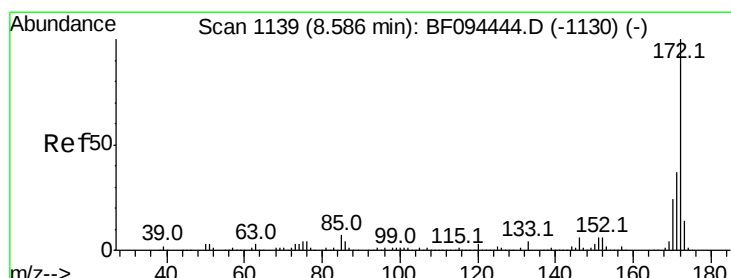
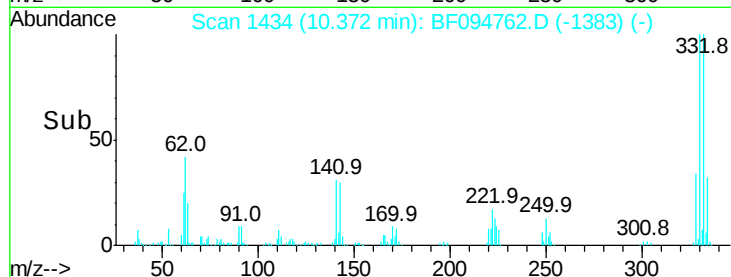
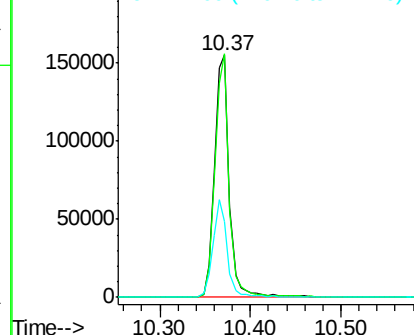
#41
 2,4,6-Tribromophenol
 Concen: 167.97 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094762.D
 Acq: 1 May 2017 21:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	39.2	31.4	47.2

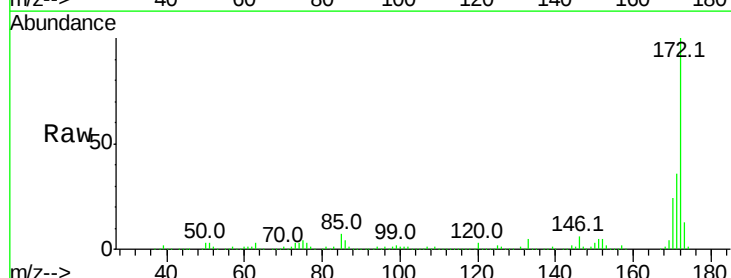


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

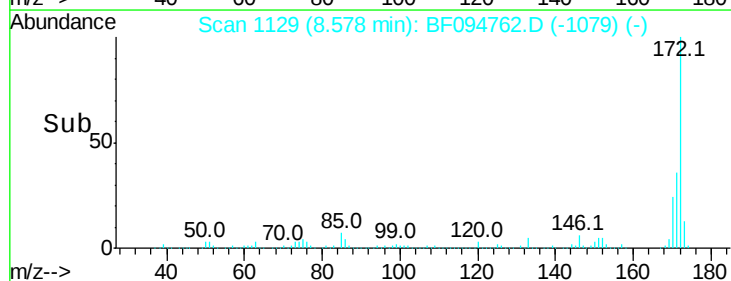
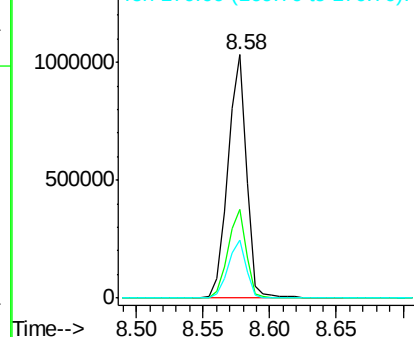


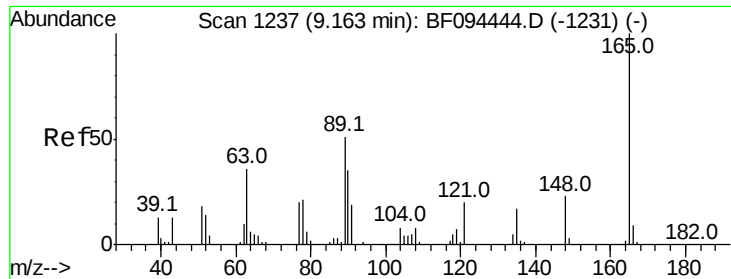
#44
 2-Fluorobiphenyl
 Concen: 110.07 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094762.D
 Acq: 1 May 2017 21:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	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

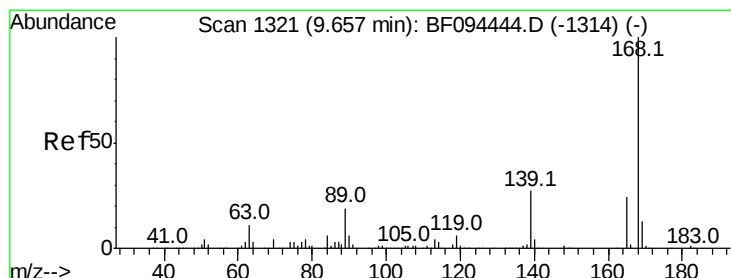
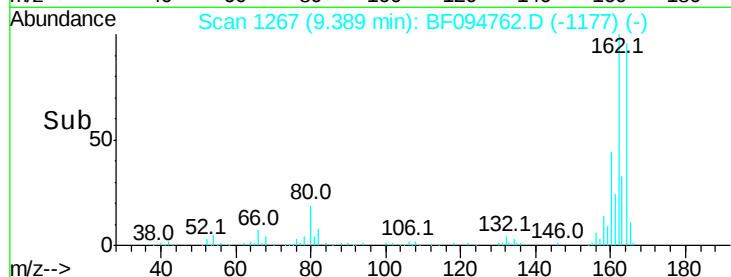
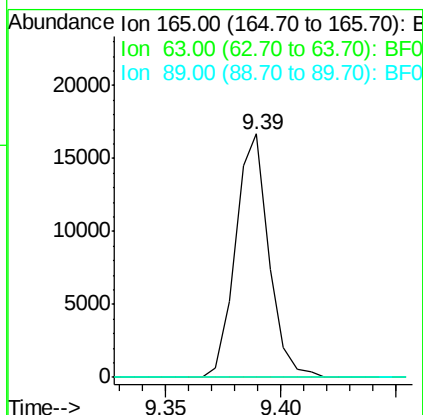
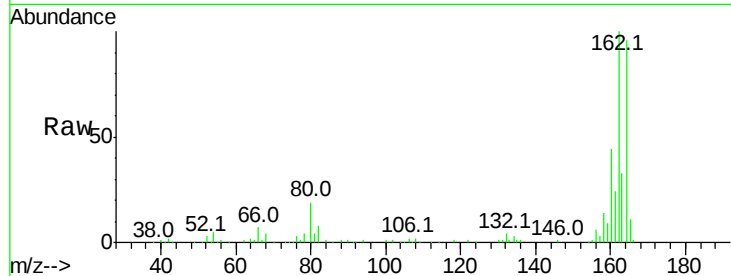




#50
 2,6-Dinitrotoluene
 Concen: 7.33 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. 0.23 min
 Lab File: BF094762.D
 Acq: 1 May 2017 21:21

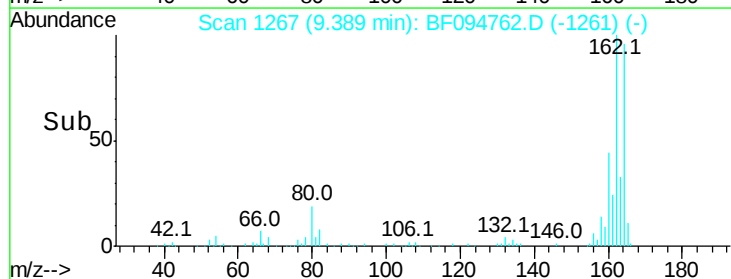
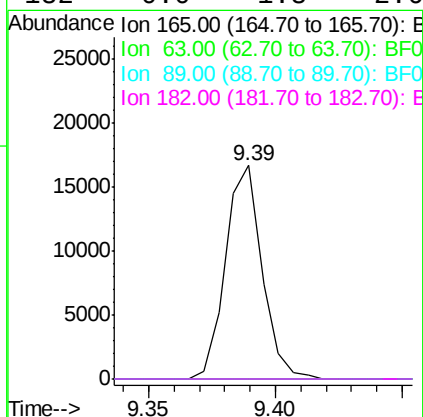
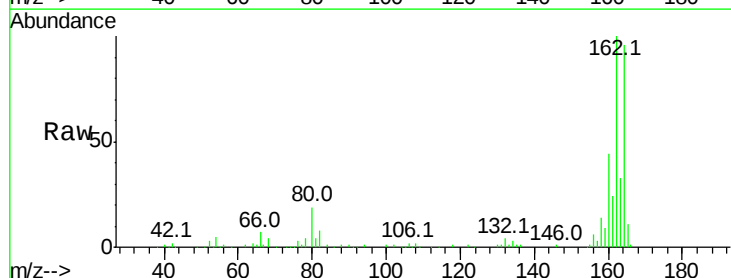
Instrument :
 BNA_F
 ClientSampleId :

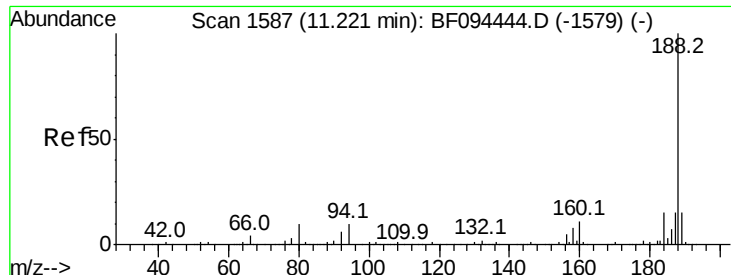
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 5.98 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094762.D
 Acq: 1 May 2017 21:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

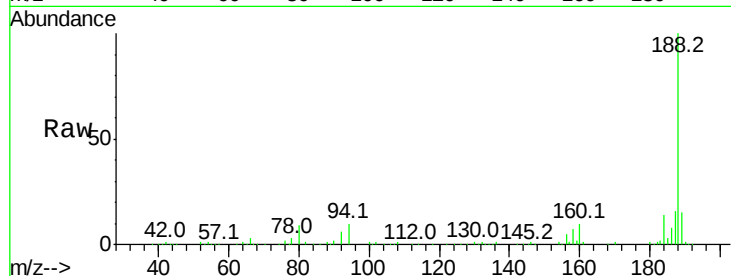




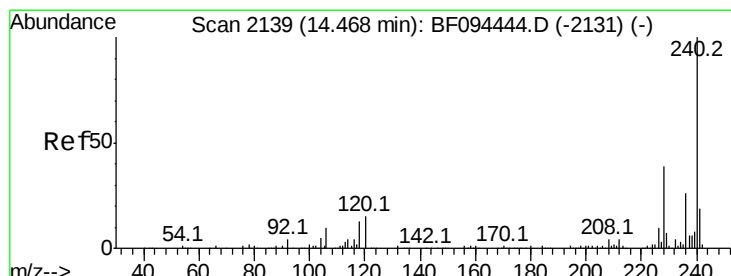
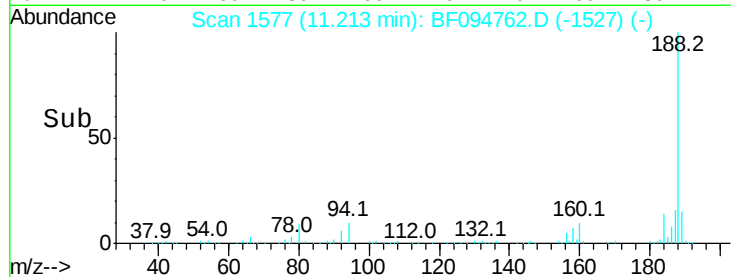
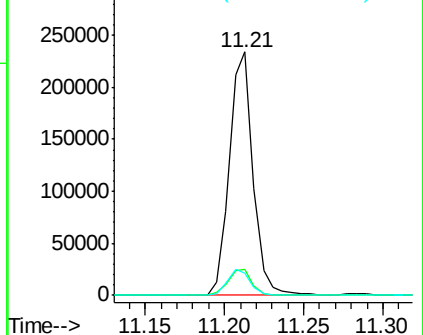
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094762.D
Acq: 1 May 2017 21:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 242450
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 9.3 10.2 15.2#

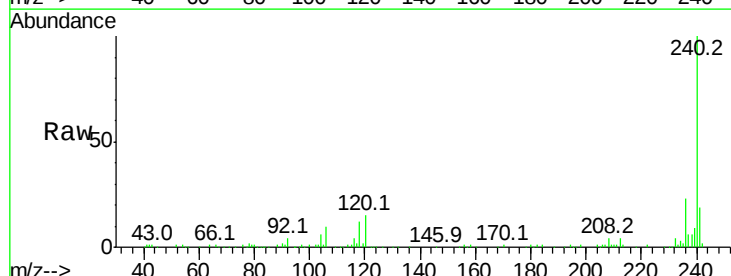


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

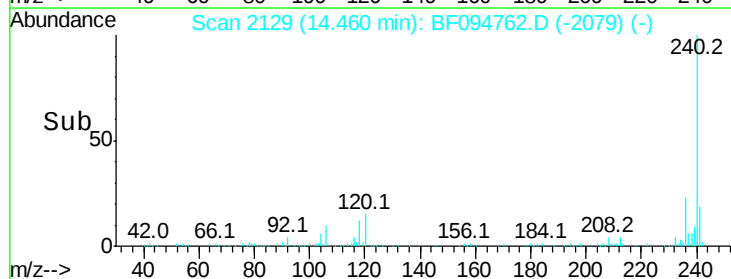
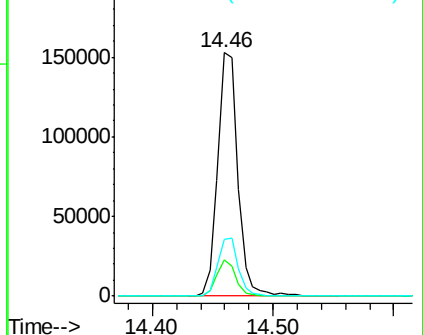


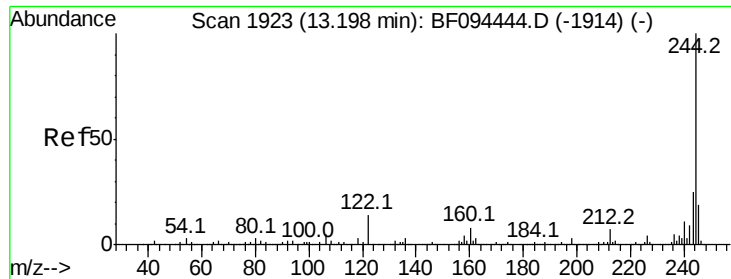
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094762.D
Acq: 1 May 2017 21:21

Tgt Ion:240 Resp: 175212
Ion Ratio Lower Upper
240 100
120 15.1 5.8 8.8#
236 23.4 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

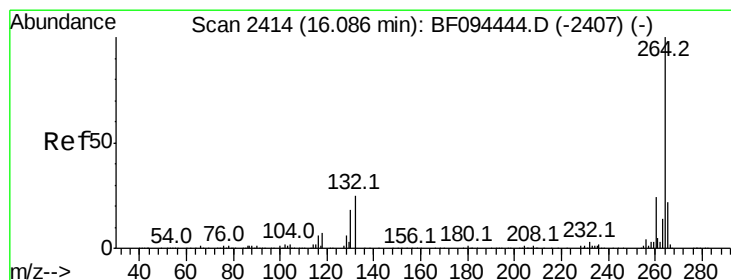
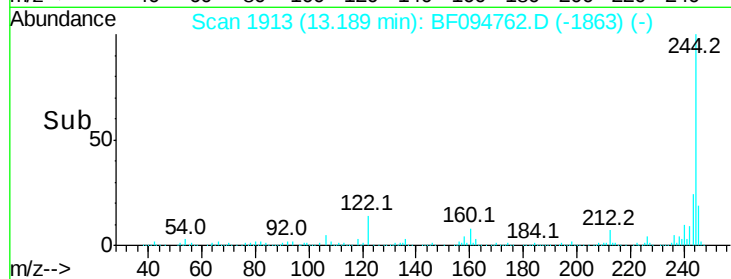
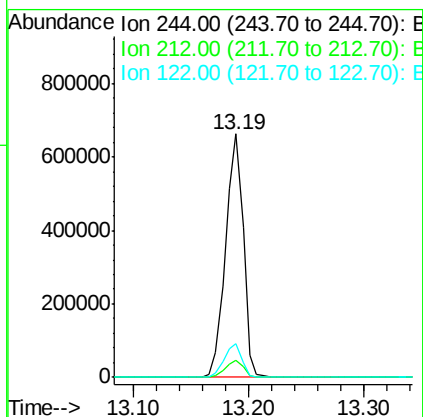
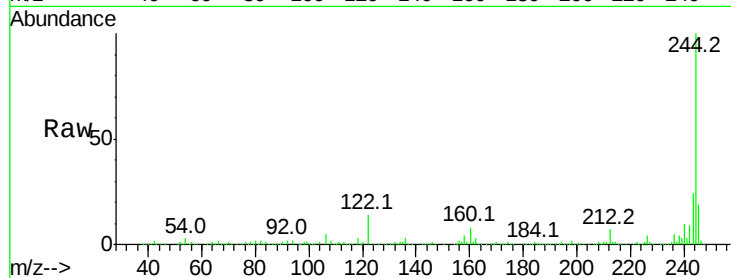




#78
 Terphenyl-d14
 Concen: 107.47 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094762.D
 Acq: 1 May 2017 21:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 704495
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094762.D
 Acq: 1 May 2017 21:21

Tgt Ion:264 Resp: 105101
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.5 29.3
 265 19.9 17.2 25.8

