

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094763.D
 Acq On : 1 May 2017 21:48
 Operator : SJ/MA
 Sample : I2914-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 01:41:28 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

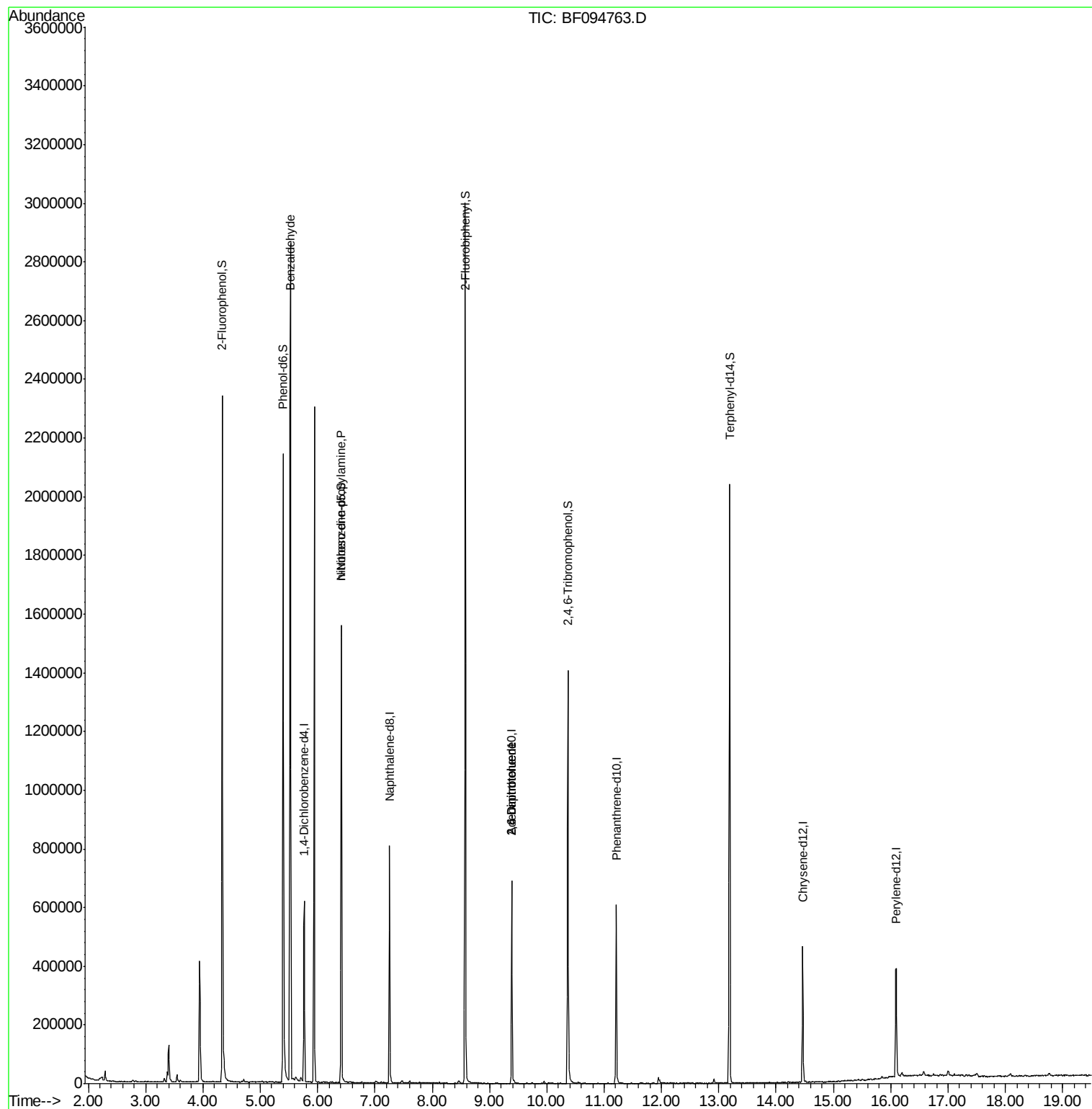
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	99122	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	378628	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	159351	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	258926	20.00	ng	0.00
75) Chrysene-d12	14.47	240	194498	20.00	ng	0.00
86) Perylene-d12	16.09	264	163130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	749148	125.39	ng	0.03
7) Phenol-d6	5.40	99	852173	120.99	ng	0.00
23) Nitrobenzene-d5	6.41	82	591975	96.54	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	194818	156.30	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1040706	96.09	ng	0.00
78) Terphenyl-d14	13.19	244	749509	103.00	ng	0.00
Target Compounds						
9) Benzaldehyde	5.52	77	16683	3.11	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	6.41	70	77800	16.67	ng	# 77
50) 2,6-Dinitrotoluene	9.39	165	20234	7.59	ng	# 31
56) 2,4-Dinitrotoluene	9.39	165	20234	6.19	ng	# 31

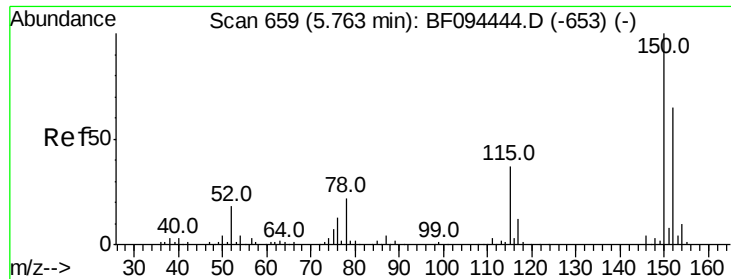
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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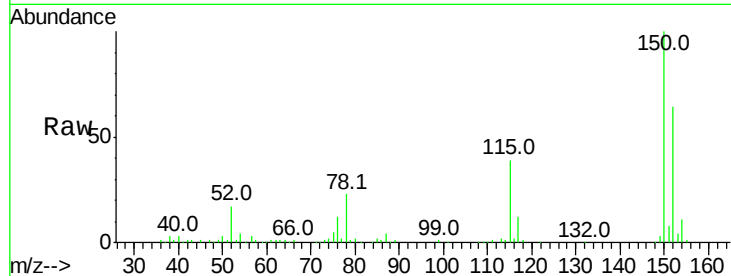


#1

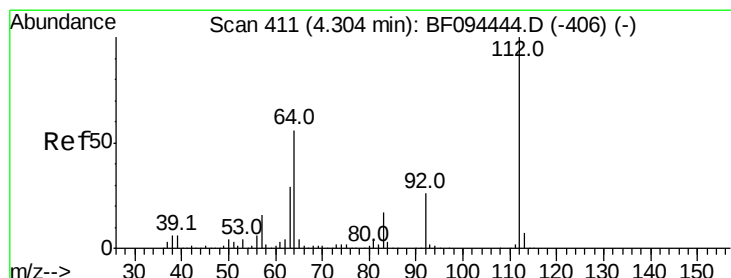
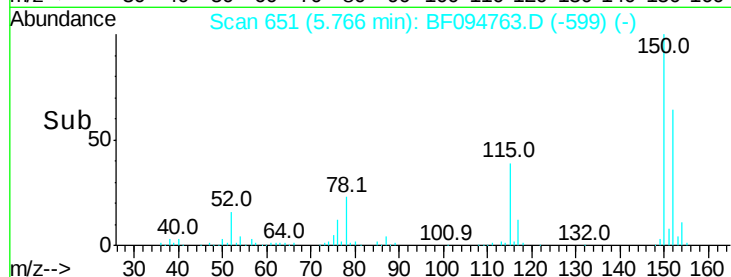
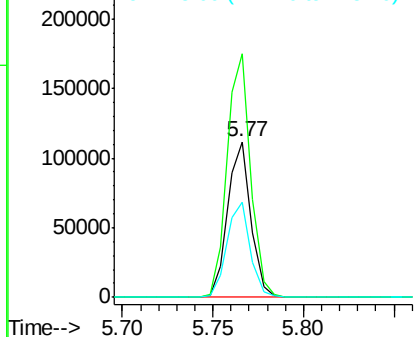
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094763.D
Acq: 1 May 2017 21:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 99122
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 61.6 52.2 78.2



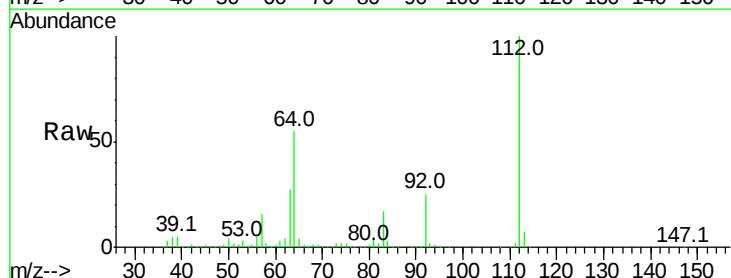
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



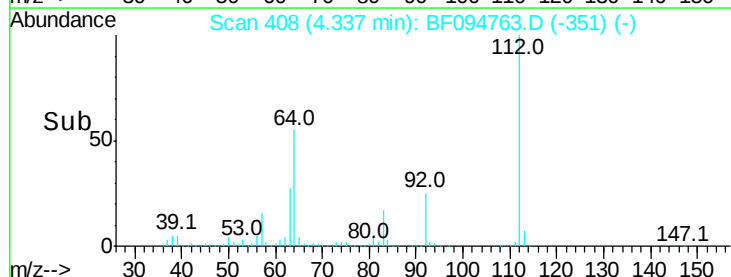
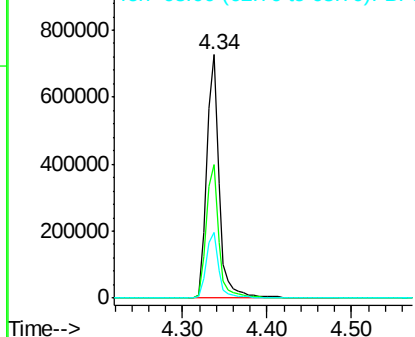
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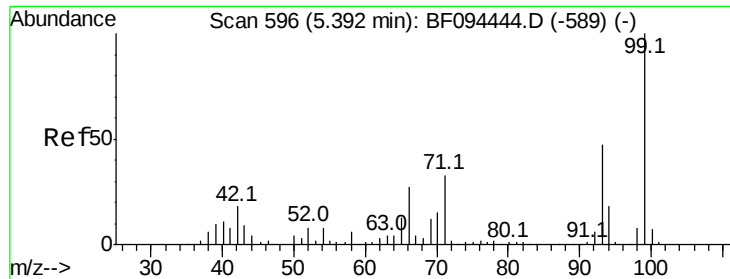
2-Fluorophenol
Concen: 125.39 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094763.D
Acq: 1 May 2017 21:48

Tgt Ion:112 Resp: 749148
Ion Ratio Lower Upper
112 100
64 54.9 46.0 69.0
63 27.1 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: 120.99 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094763.D

Acq: 1 May 2017 21:48

Instrument :

BNA_F

ClientSampled :

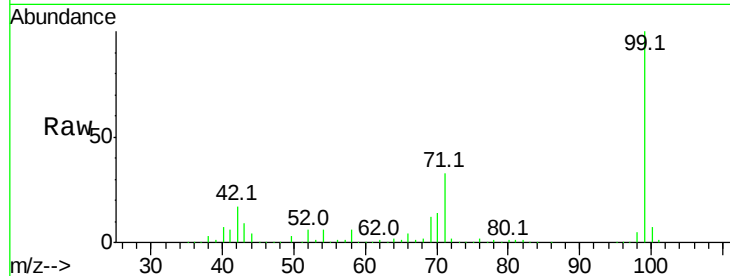
Tot Ion: 99 Resp: 852173

Ion Ratio Lower Upper

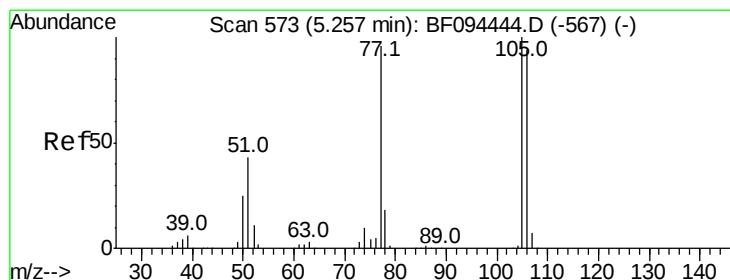
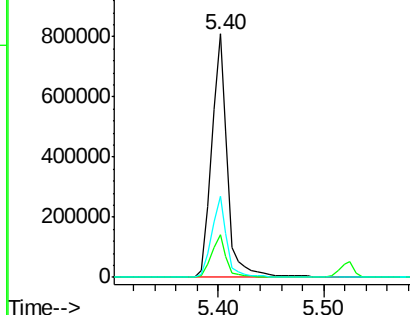
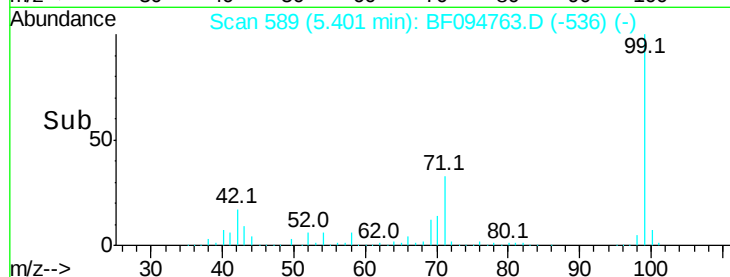
99 100

42 17.3 13.5 20.3

71 33.3 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



#9

Benzaldehyde

Concen: 3.11 ng

RT: 5.52 min Scan# 610

Delta R.T. 0.27 min

Lab File: BF094763.D

Acq: 1 May 2017 21:48

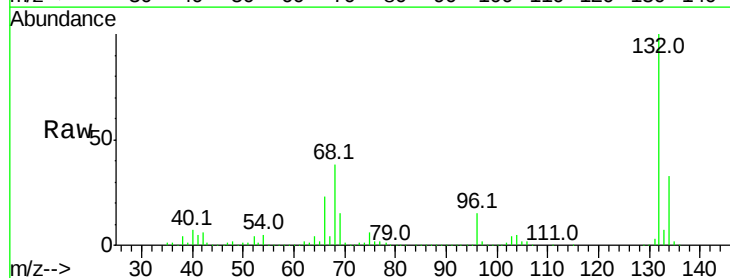
Tgt Ion: 77 Resp: 16683

Ion Ratio Lower Upper

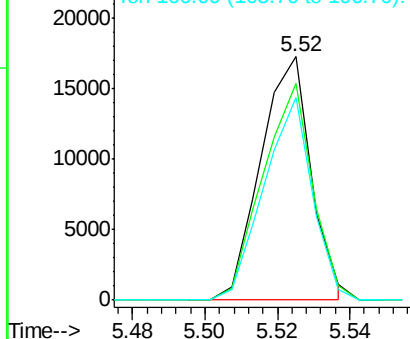
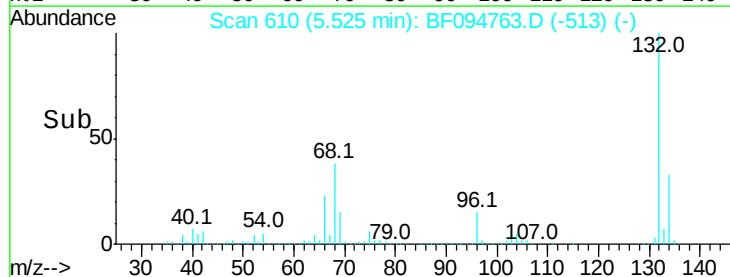
77 100

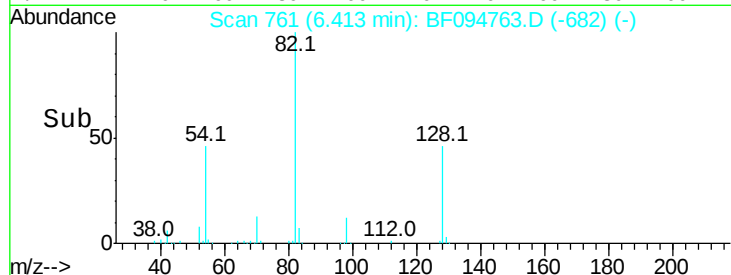
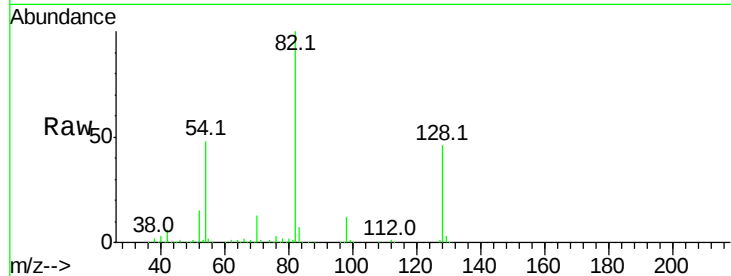
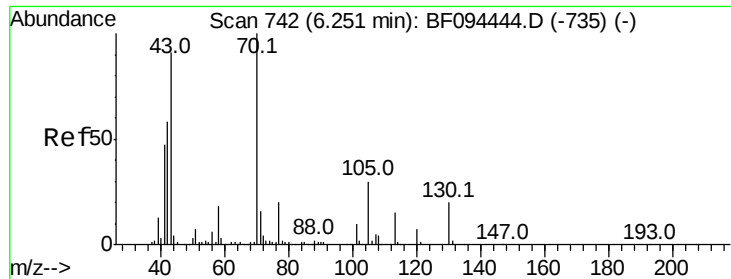
105 89.3 83.8 123.8

106 83.0 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

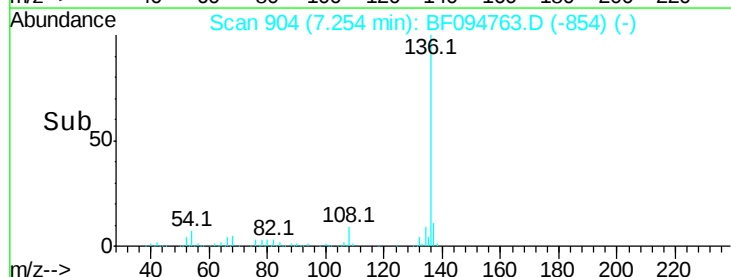
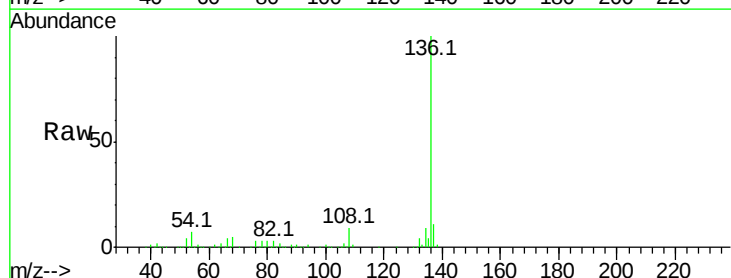
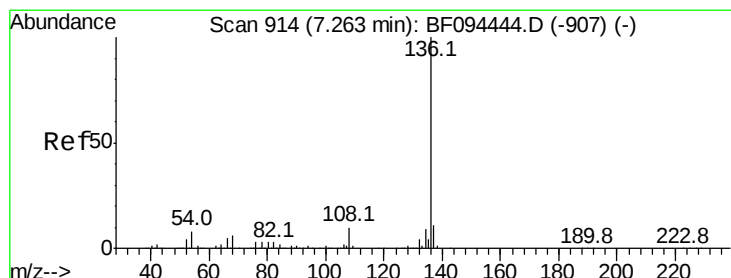
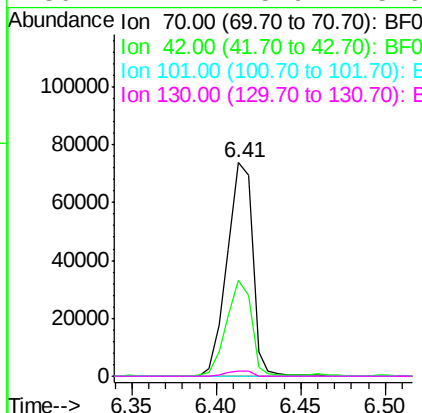




#19
n-Nitroso-di-n-propylamine
Concen: 16.67 ng
RT: 6.41 min Scan# 761
Delta R.T. 0.16 min
Lab File: BF094763.D
Acq: 1 May 2017 21:48

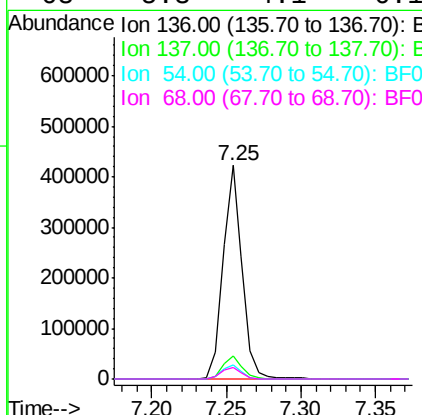
Instrument :
BNA_F
ClientSampleId :

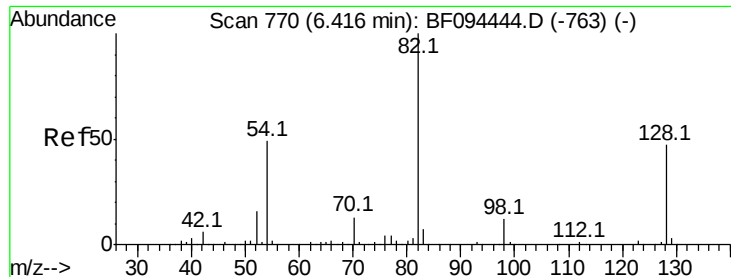
Tot Ion: 70 Resp: 77800
Ion Ratio Lower Upper
70 100
42 45.1 47.2 70.8#
101 0.0 7.2 10.8#
130 2.7 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094763.D
Acq: 1 May 2017 21:48

Tgt Ion:136 Resp: 378628
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 6.9 4.9 7.3
68 5.3 4.1 6.1

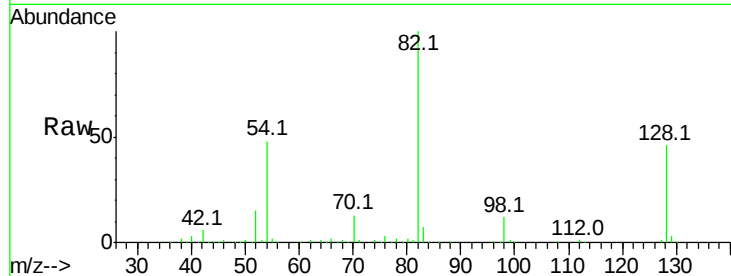




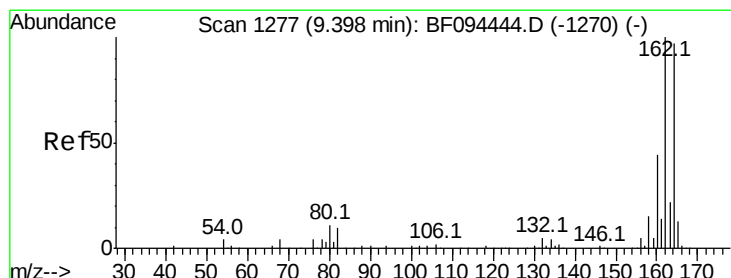
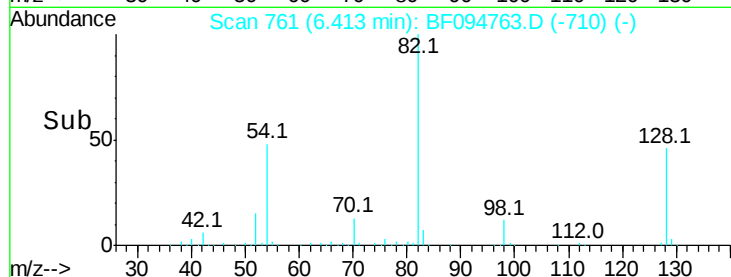
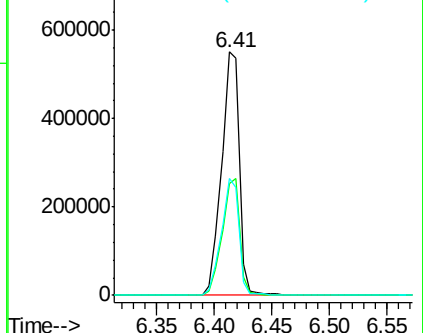
#23
 Nitrobenzene-d5
 Concen: 96.54 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094763.D
 Acq: 1 May 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	591975
Ion Ratio	100		
Lower	34.0		
Upper	51.0		
54	48.0	42.2	63.2

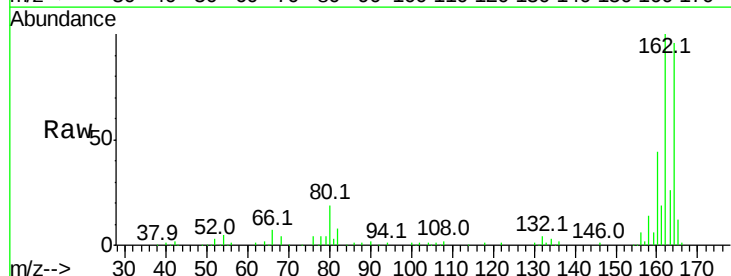


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

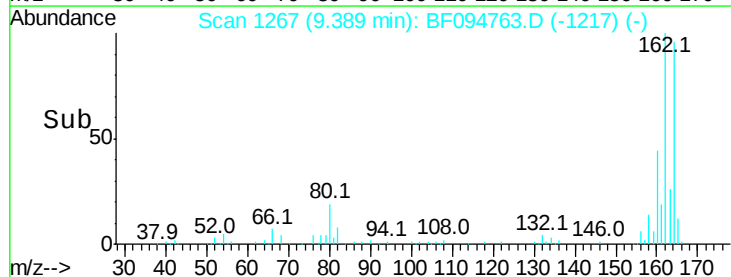
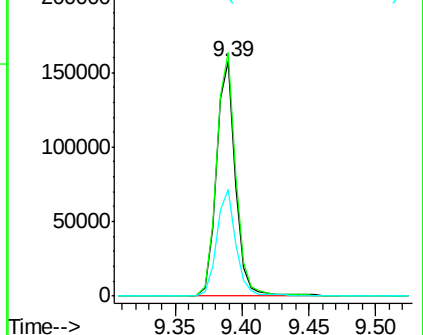


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094763.D
 Acq: 1 May 2017 21:48

Tgt Ion	164	Resp	159351
Ion Ratio	100		
Lower	82.6		
Upper	123.8		
162	103.8	36.2	54.2
160	45.4		



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

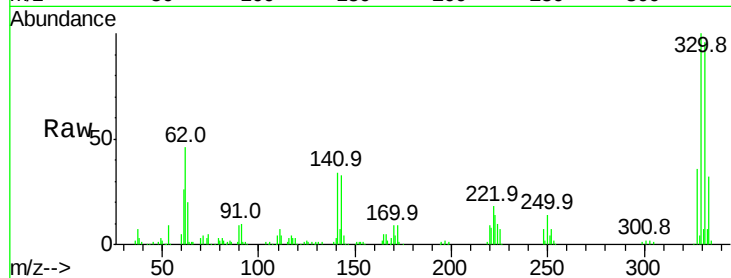




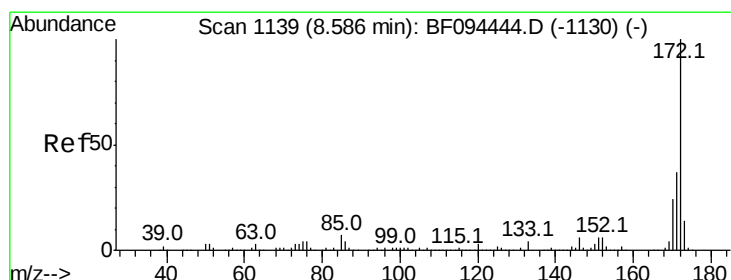
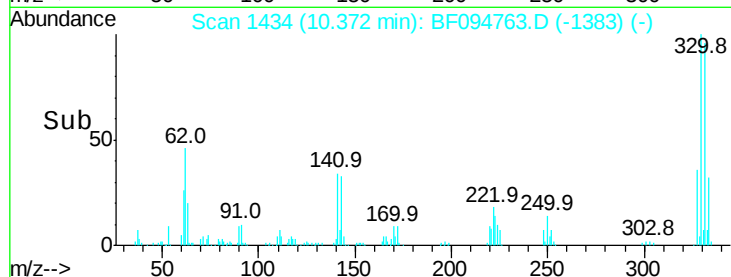
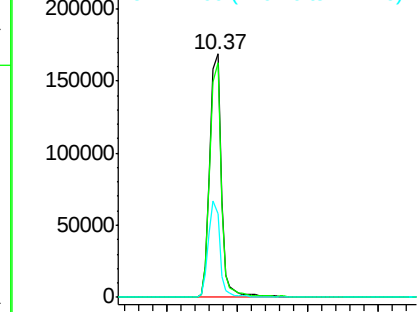
#41
 2,4,6-Tribromophenol
 Concen: 156.30 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094763.D
 Acq: 1 May 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 194818
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 39.3 31.4 47.2

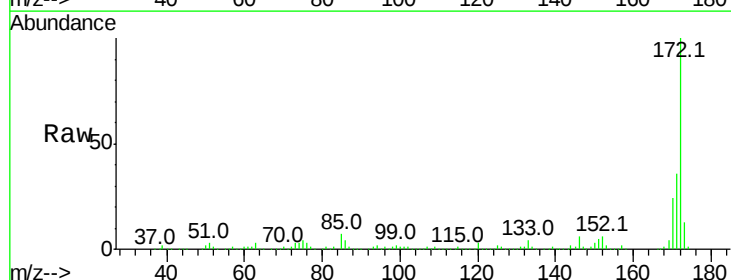


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

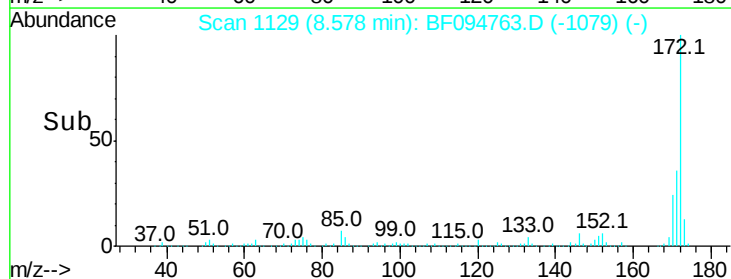
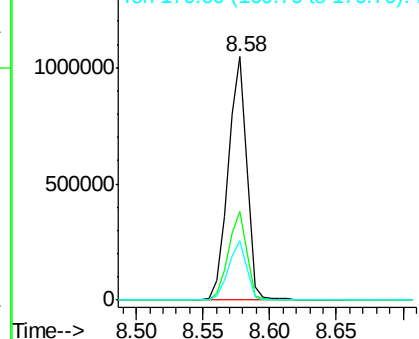


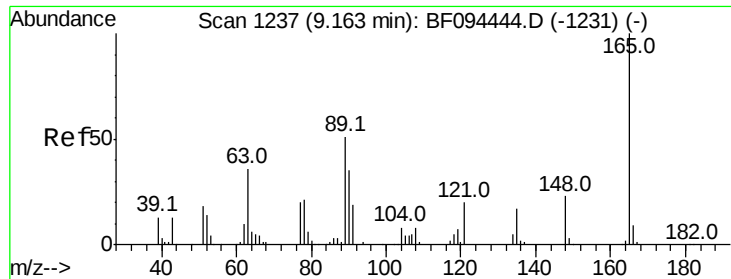
#44
 2-Fluorobiphenyl
 Concen: 96.09 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094763.D
 Acq: 1 May 2017 21:48

Tgt Ion:172 Resp: 1040706
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

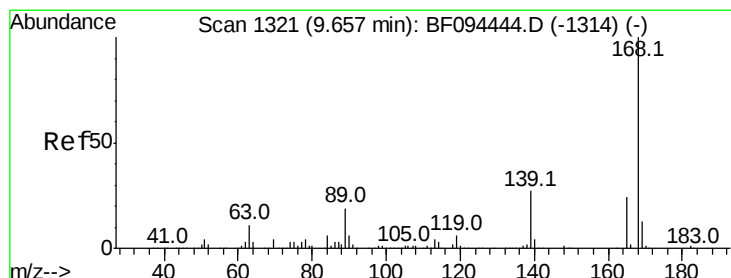
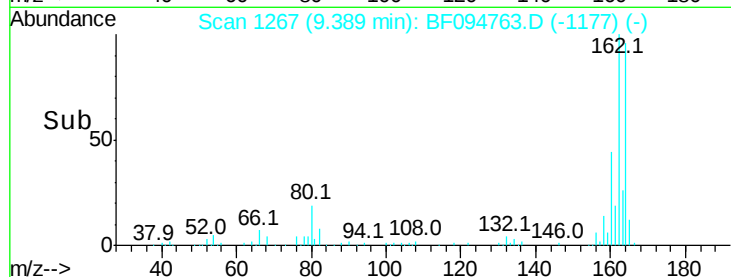
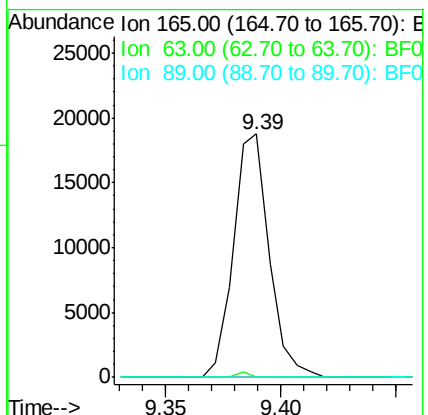
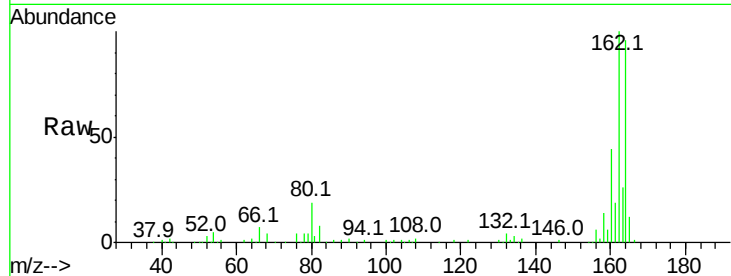




#50
 2,6-Dinitrotoluene
 Concen: 7.59 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. 0.23 min
 Lab File: BF094763.D
 Acq: 1 May 2017 21:48

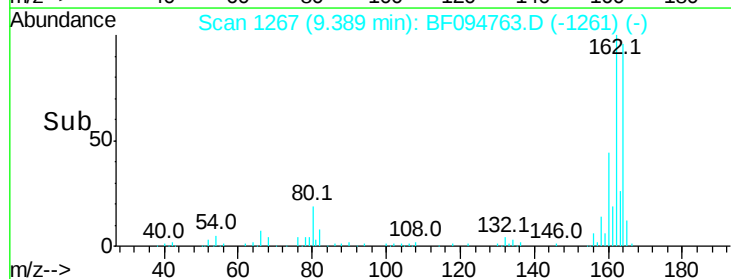
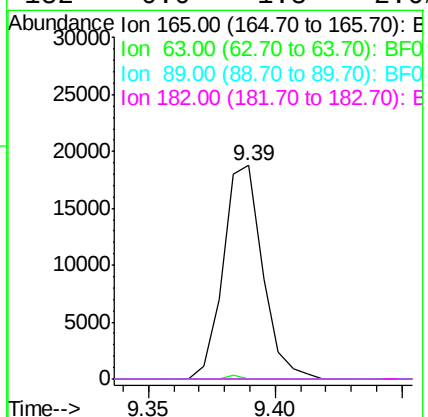
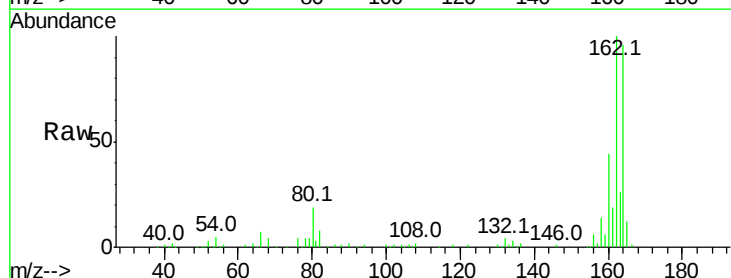
Instrument :
 BNA_F
 ClientSampled :

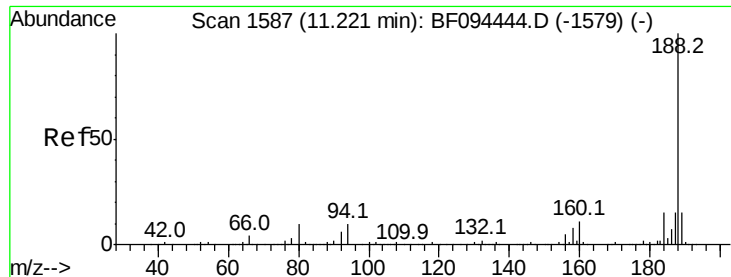
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.19 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094763.D
 Acq: 1 May 2017 21:48

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#

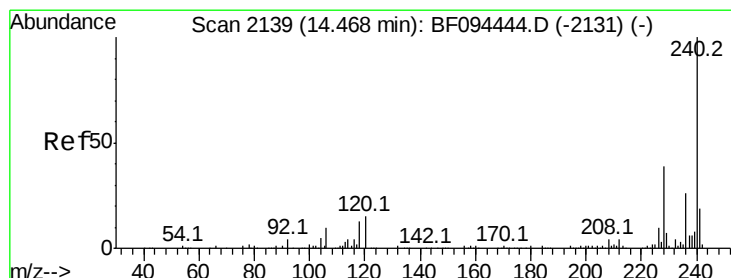
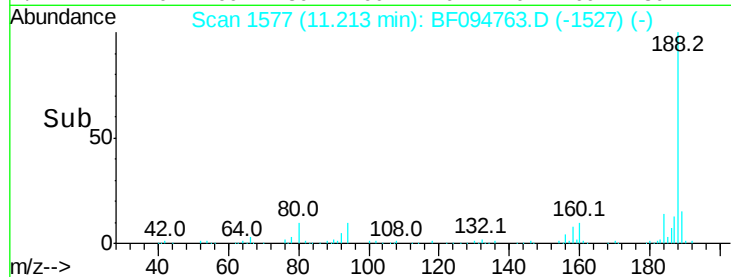
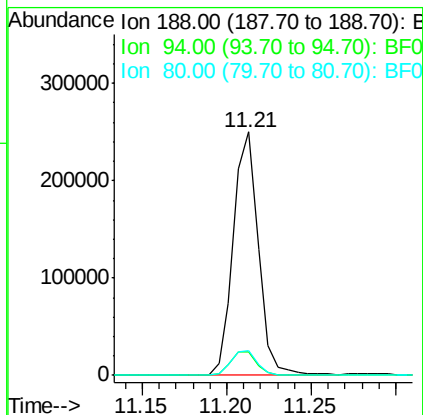
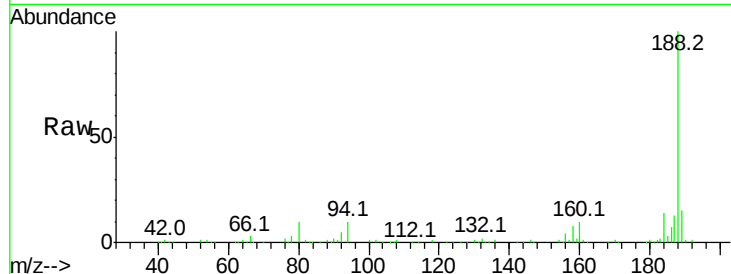




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094763.D
Acq: 1 May 2017 21:48

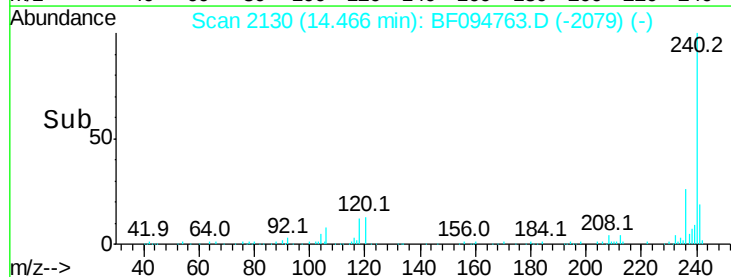
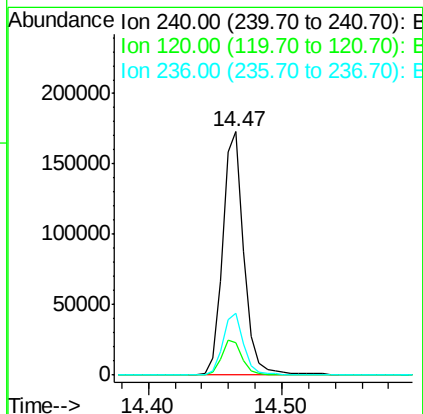
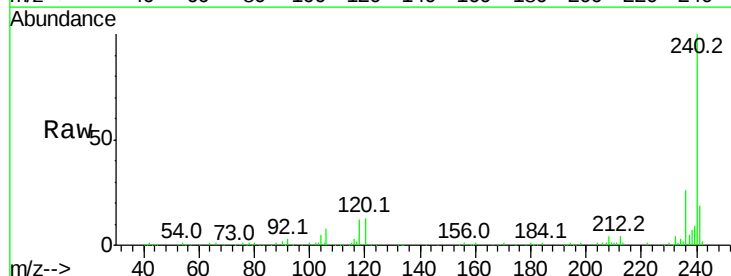
Instrument :
BNA_F
ClientSampleId :

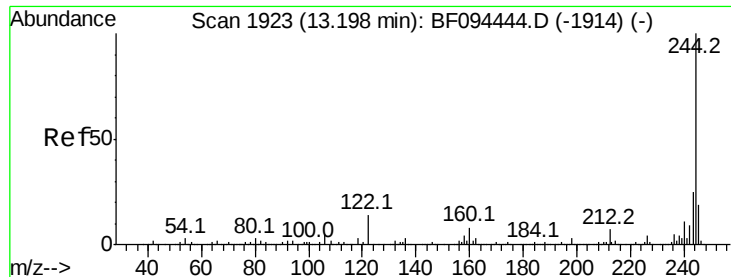
Tot Ion:188 Resp: 258926
Ion Ratio Lower Upper
188 100
94 9.5 9.4 14.2
80 9.9 10.2 15.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094763.D
Acq: 1 May 2017 21:48

Tgt Ion:240 Resp: 194498
Ion Ratio Lower Upper
240 100
120 13.5 5.8 8.8#
236 25.5 20.5 30.7

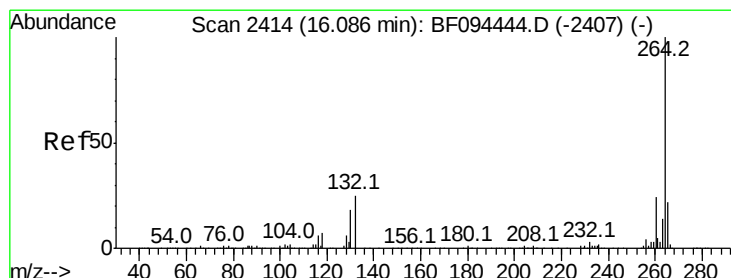
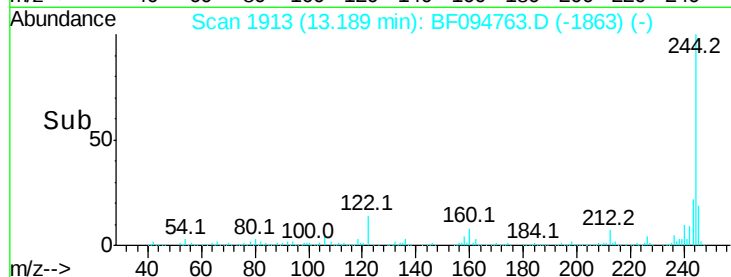
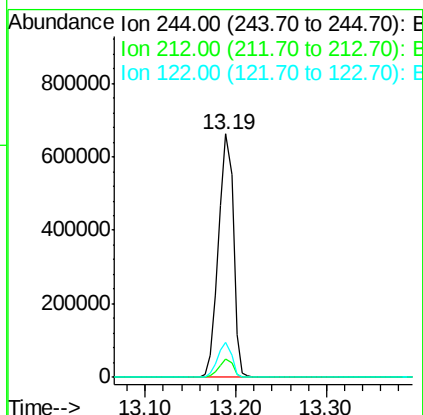
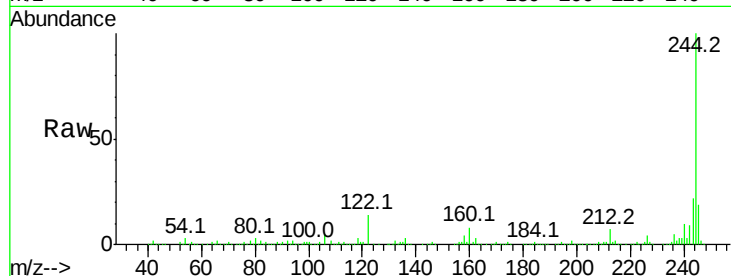




#78
 Terphenyl-d14
 Concen: 103.00 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094763.D
 Acq: 1 May 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 749509
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.5 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: BF094763.D
 Acq: 1 May 2017 21:48

Tgt Ion:264 Resp: 163130
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 21.4 17.2 25.8

