

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094719.D
 Acq On : 30 Apr 2017 17:20
 Operator : SJ/MA
 Sample : I2873-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:21:05 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

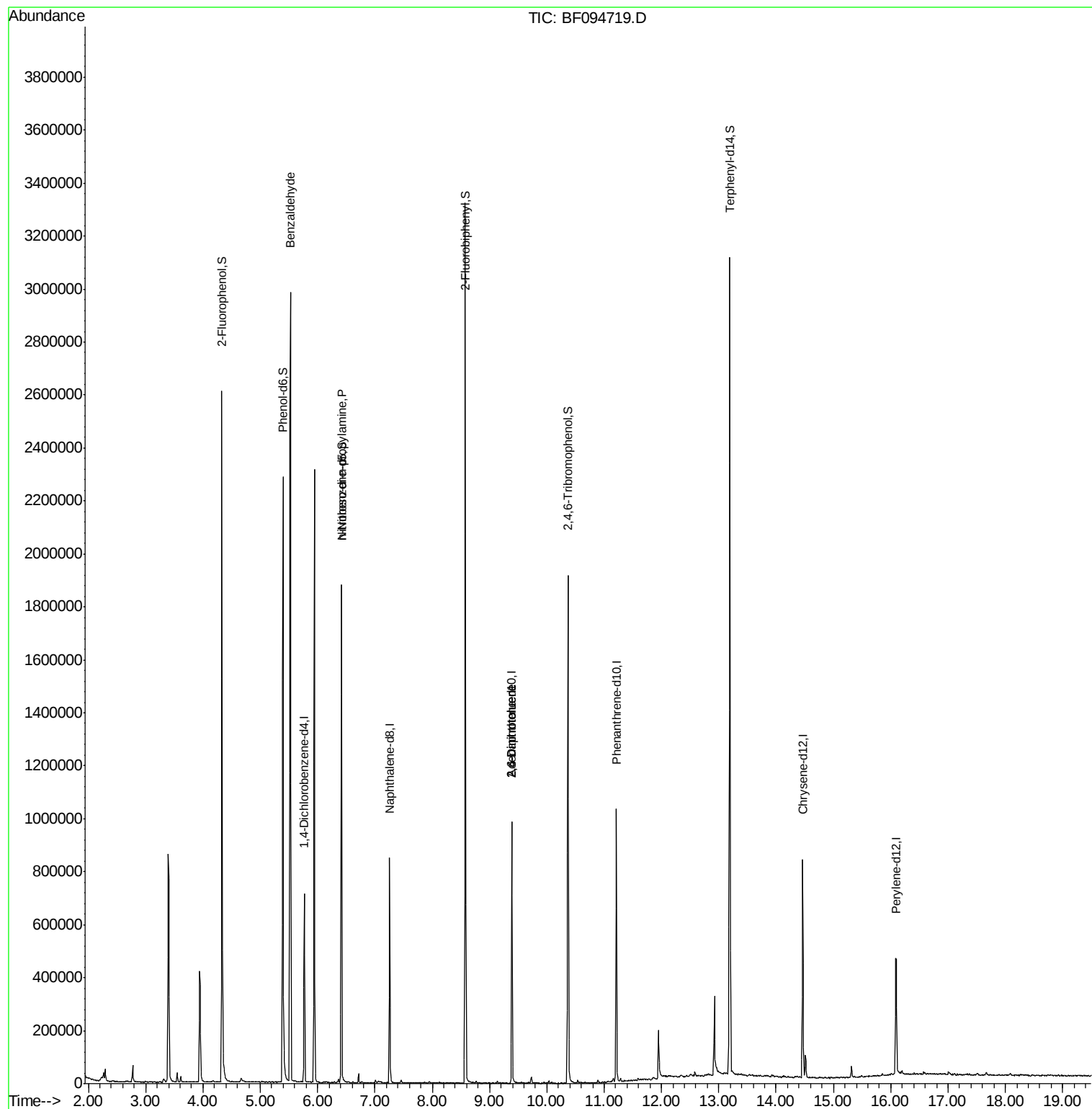
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	111449	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	444250	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	215516	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	406341	20.00	ng	0.00
75) Chrysene-d12	14.47	240	322419	20.00	ng	0.00
86) Perylene-d12	16.09	264	180413	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	817162	121.65	ng	0.03
7) Phenol-d6	5.40	99	966939	122.10	ng	0.00
23) Nitrobenzene-d5	6.42	82	640131	88.97	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	260478	154.52	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1265677	86.41	ng	0.00
78) Terphenyl-d14	13.19	244	1229860	101.96	ng	0.00
Target Compounds						
9) Benzaldehyde	5.52	77	17693	2.94	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	6.42	70	85025	16.20	ng	# 77
50) 2,6-Dinitrotoluene	9.39	165	27381	7.60	ng	# 33
56) 2,4-Dinitrotoluene	9.39	165	27381	6.19	ng	# 33

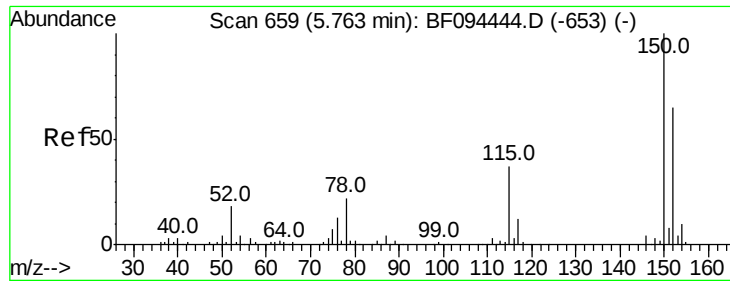
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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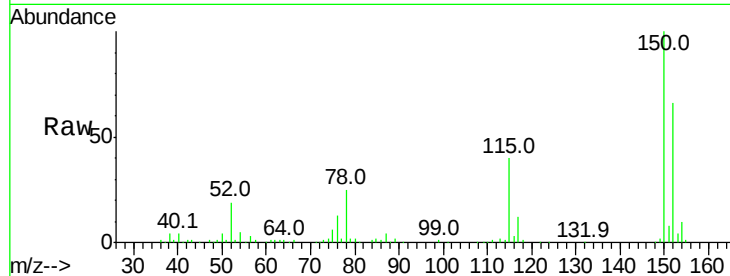


#1

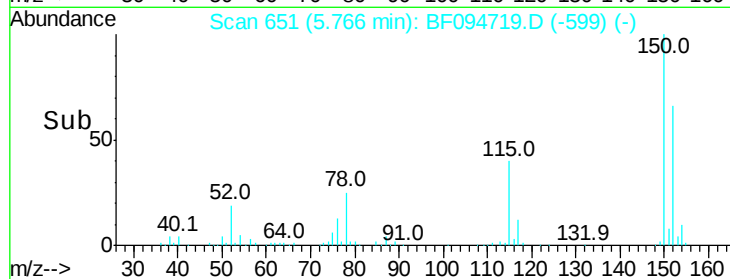
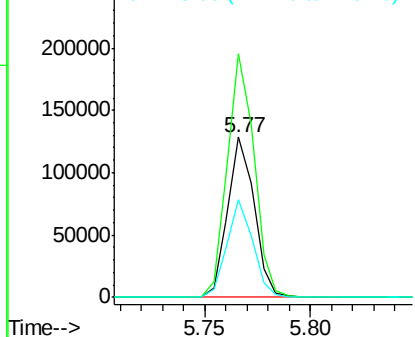
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094719.D
Acq: 30 Apr 2017 17:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 111449
Ion Ratio Lower Upper
152 100
150 152.3 126.2 189.2
115 61.3 52.2 78.2



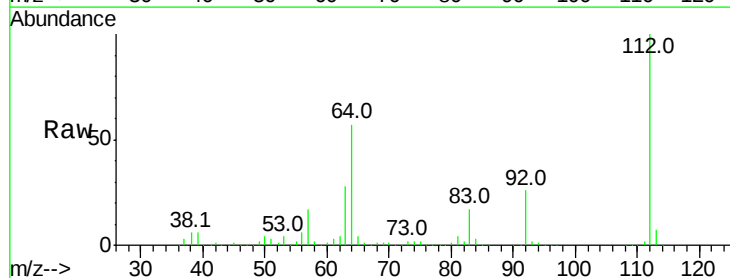
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



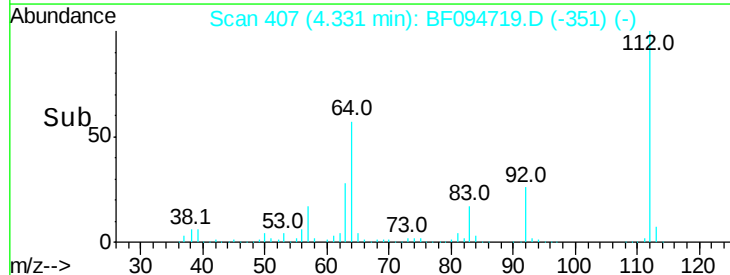
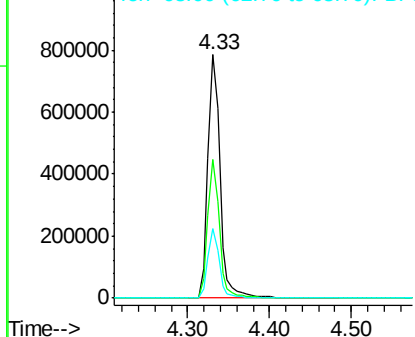
#5

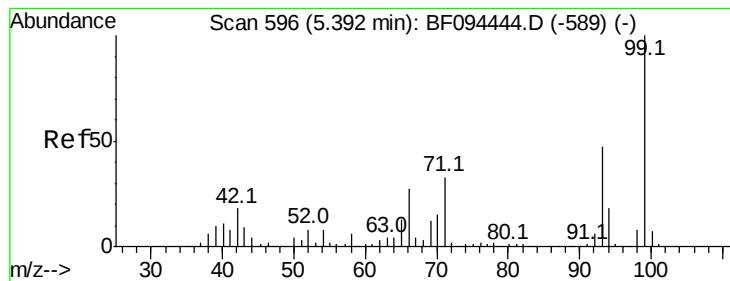
2-Fluorophenol
Concen: 121.65 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094719.D
Acq: 30 Apr 2017 17:20

Tgt Ion:112 Resp: 817162
Ion Ratio Lower Upper
112 100
64 57.0 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: 122.10 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094719.D

Acq: 30 Apr 2017 17:20

Instrument :

BNA_F

ClientSampled :

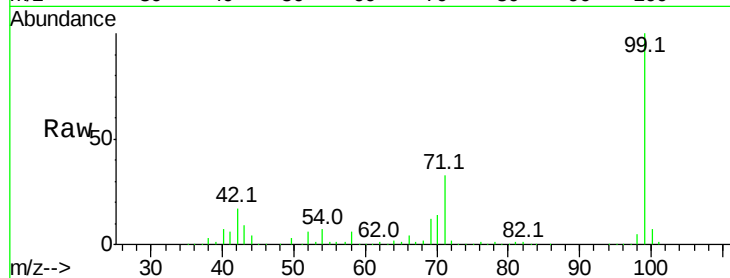
Tot Ion: 99 Resp: 966939

Ion Ratio Lower Upper

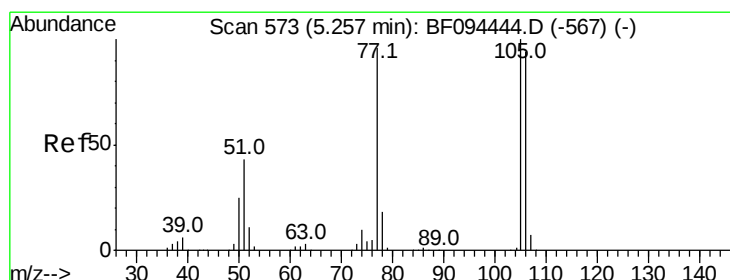
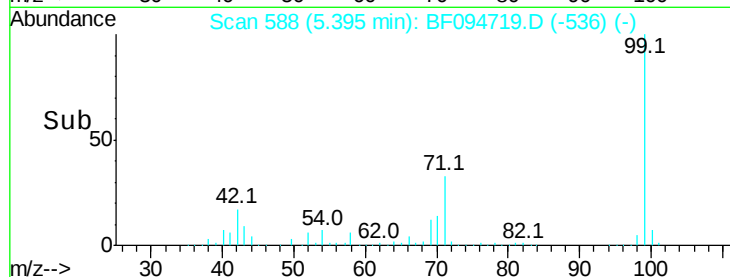
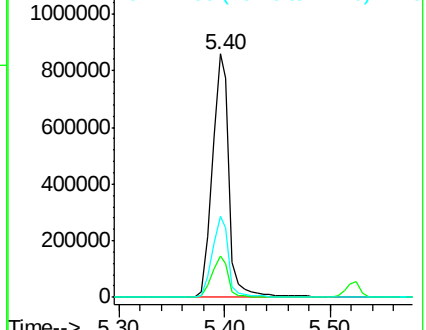
99 100

42 17.0 13.5 20.3

71 33.2 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: 2.94 ng

RT: 5.52 min Scan# 610

Delta R.T. 0.27 min

Lab File: BF094719.D

Acq: 30 Apr 2017 17:20

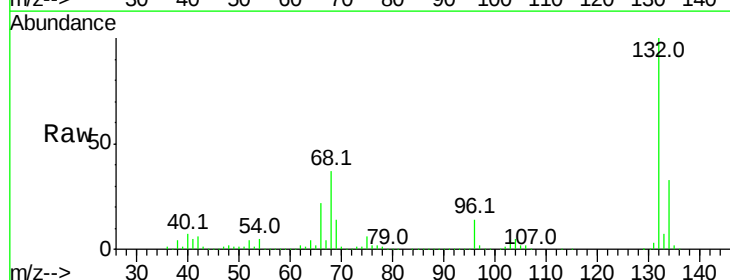
Tgt Ion: 77 Resp: 17693

Ion Ratio Lower Upper

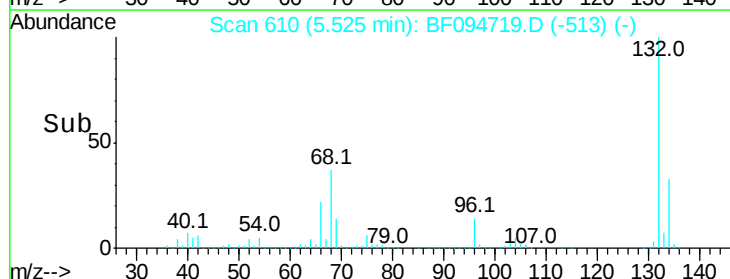
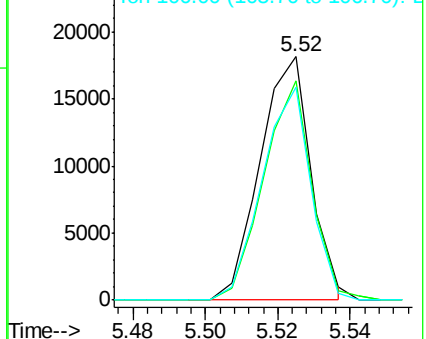
77 100

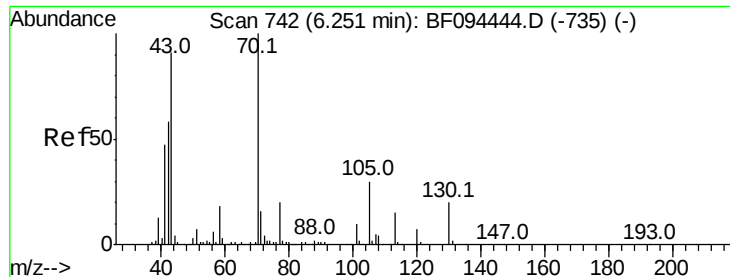
105 90.1 83.8 123.8

106 87.2 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

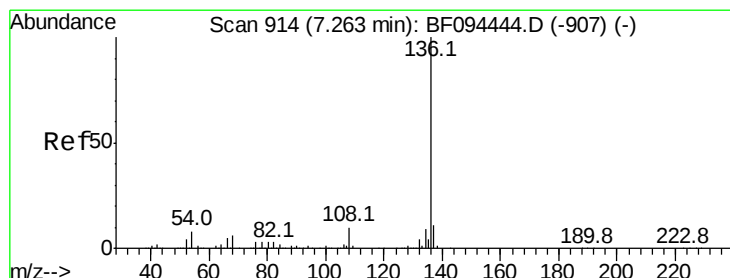
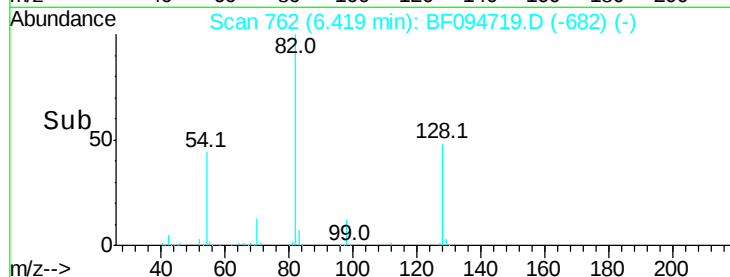
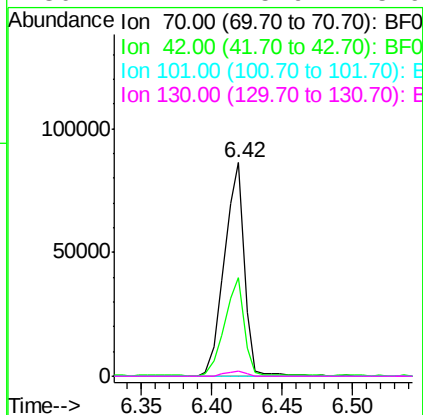
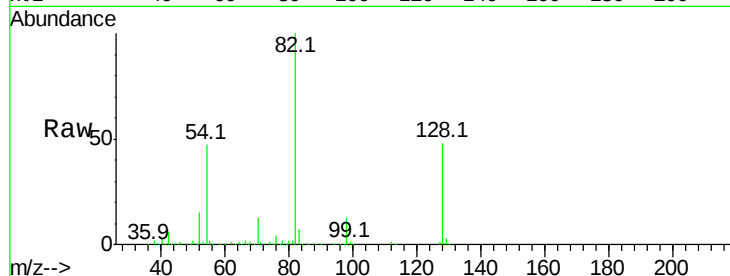




#19
n-Nitroso-di-n-propylamine
Concen: 16.20 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.17 min
Lab File: BF094719.D
Acq: 30 Apr 2017 17:20

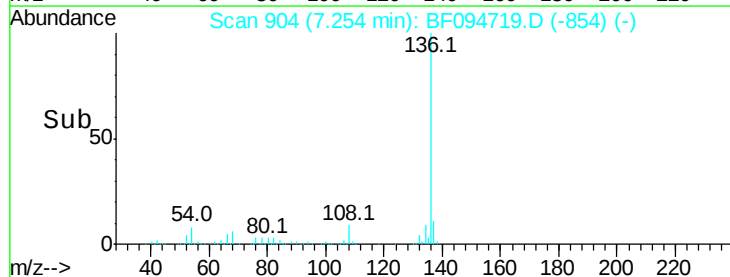
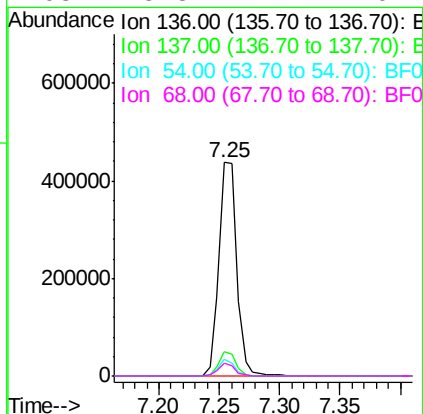
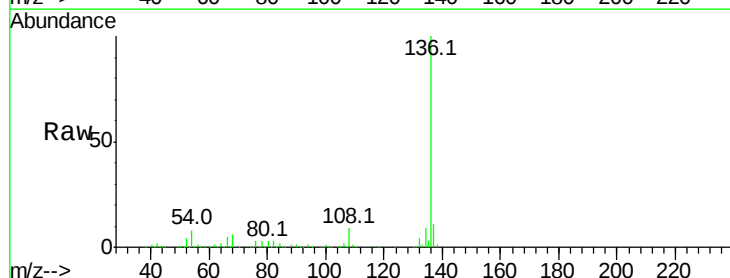
Instrument :
BNA_F
ClientSampleId :

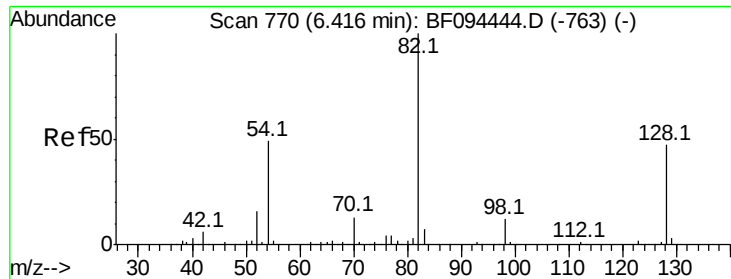
Tot Ion: 70 Resp: 85025
Ion Ratio Lower Upper
70 100
42 46.0 47.2 70.8#
101 0.0 7.2 10.8#
130 2.7 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094719.D
Acq: 30 Apr 2017 17:20

Tgt Ion: 136 Resp: 444250
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 7.6 4.9 7.3#
68 5.8 4.1 6.1

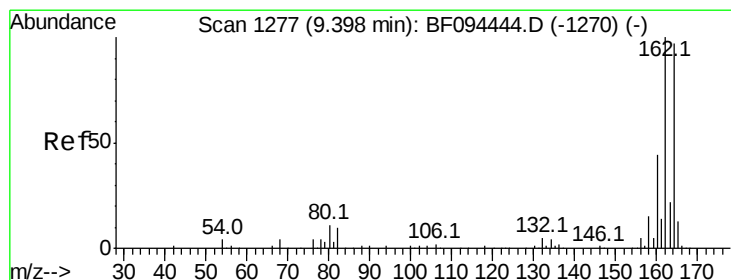
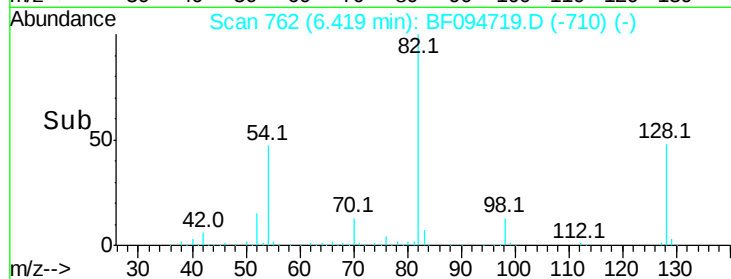
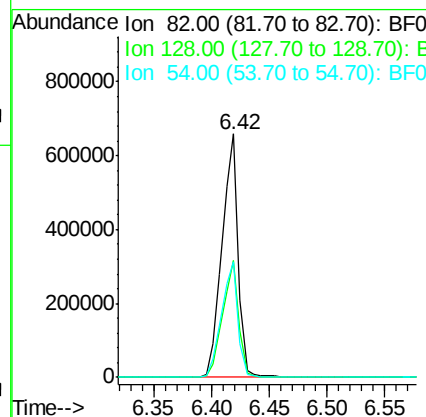
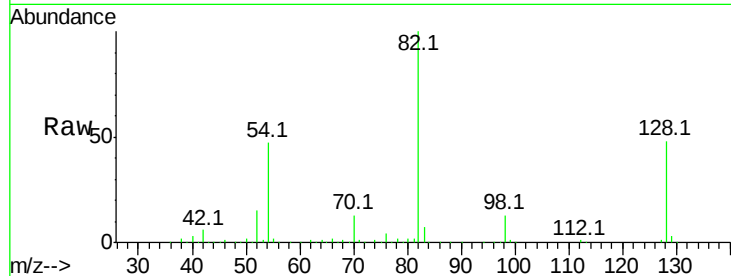




#23
 Nitrobenzene-d5
 Concen: 88.97 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094719.D
 Acq: 30 Apr 2017 17:20

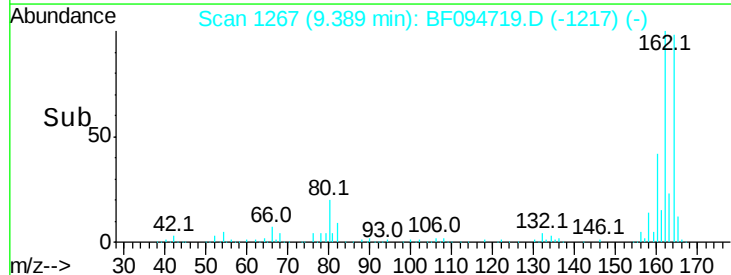
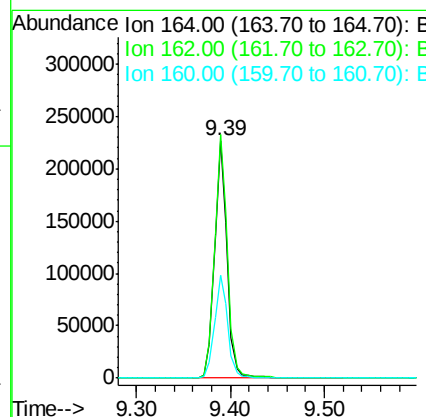
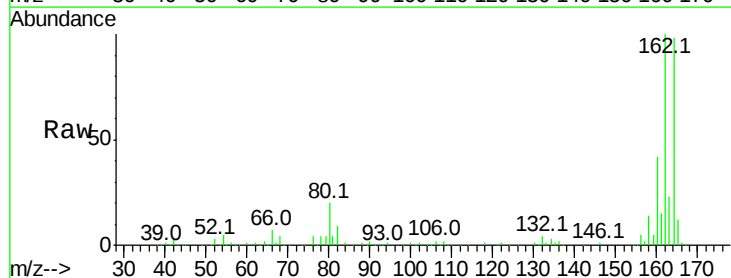
Instrument :
 BNA_F
 ClientSampleId :

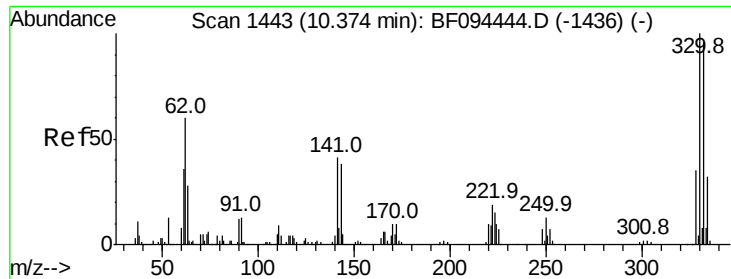
Tot Ion	82	Resp	640131
Ion Ratio	100		
Lower		34.0	51.0
Upper		42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094719.D
 Acq: 30 Apr 2017 17:20

Tgt Ion	164	Resp	215516
Ion Ratio	100		
Lower		82.6	123.8
Upper		36.2	54.2

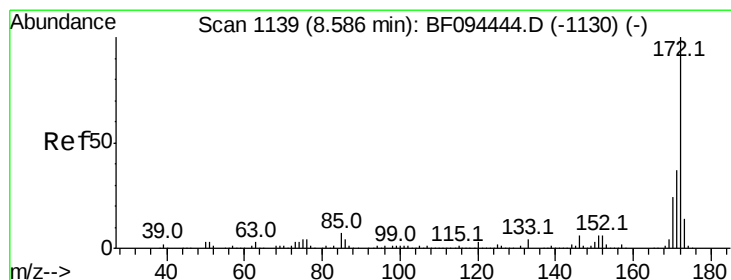
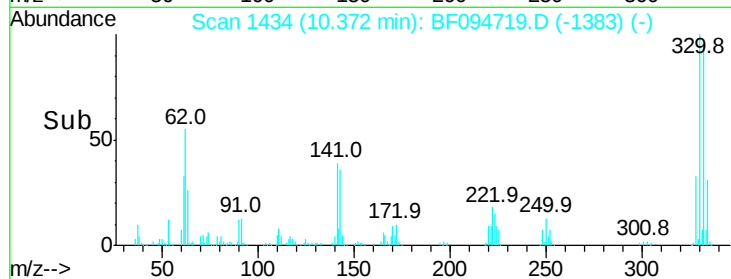
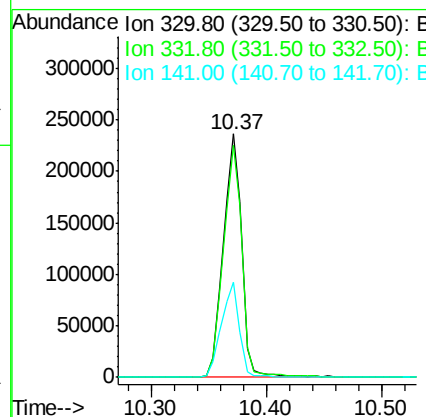
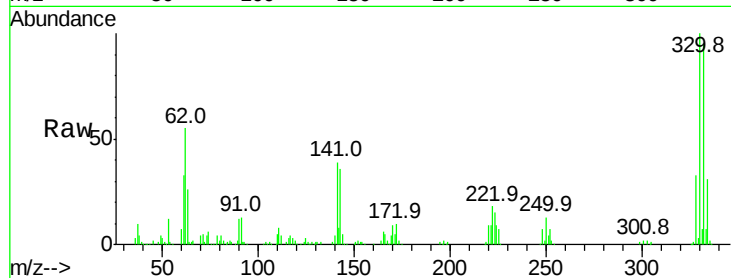




#41
 2,4,6-Tribromophenol
 Concen: 154.52 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094719.D
 Acq: 30 Apr 2017 17:20

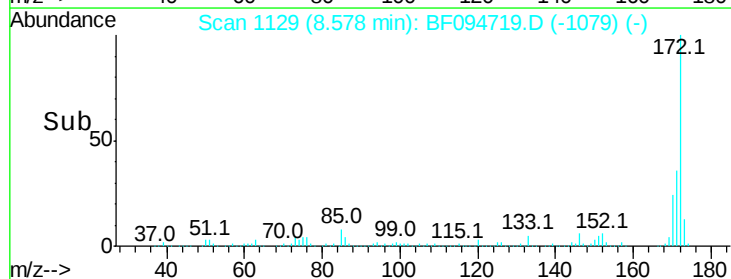
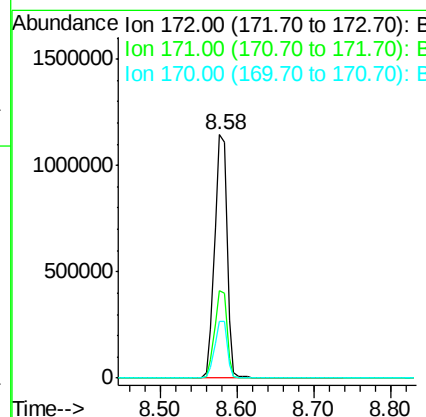
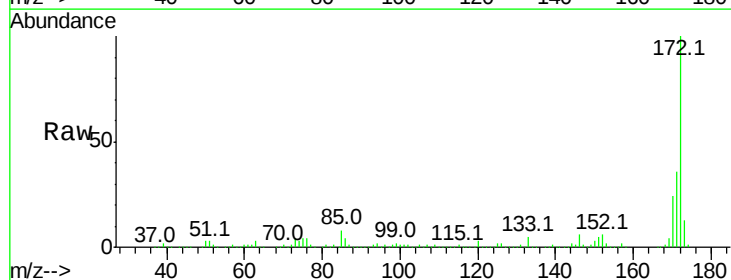
Instrument :
 BNA_F
 ClientSampleId :

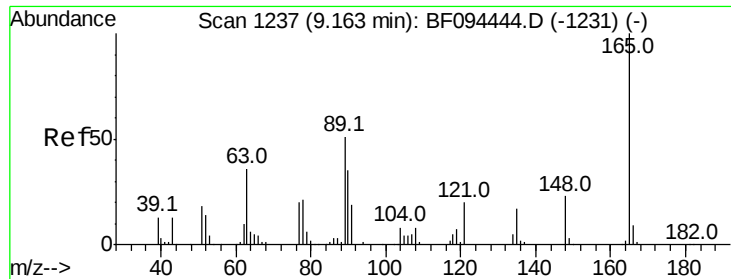
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	38.6	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 86.41 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094719.D
 Acq: 30 Apr 2017 17:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.5	19.8	29.8

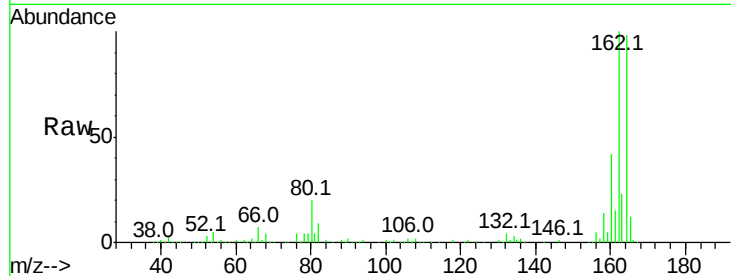




#50
 2,6-Dinitrotoluene
 Concen: 7.60 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. 0.23 min
 Lab File: BF094719.D
 Acq: 30 Apr 2017 17:20

Instrument :
 BNA_F
 ClientSampleId :

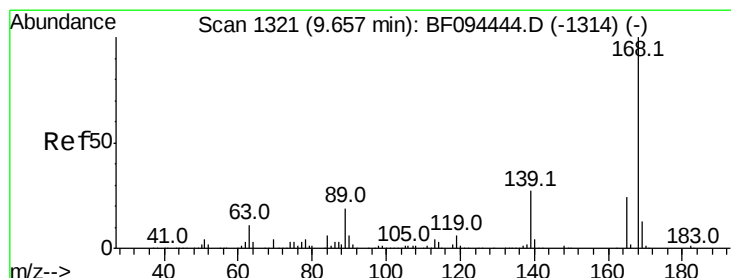
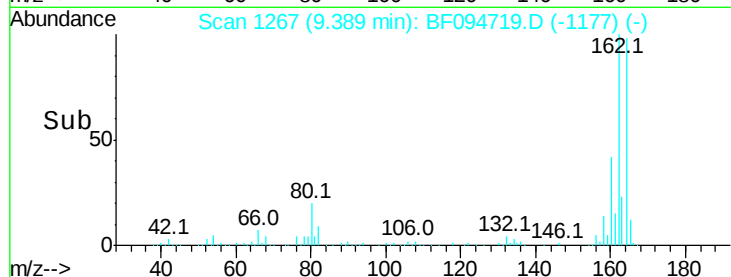
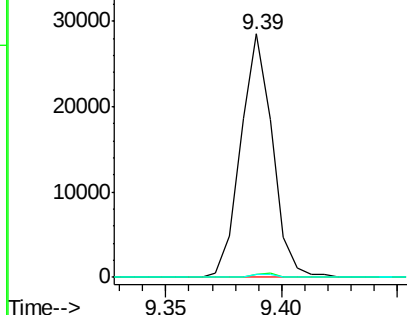
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.5	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

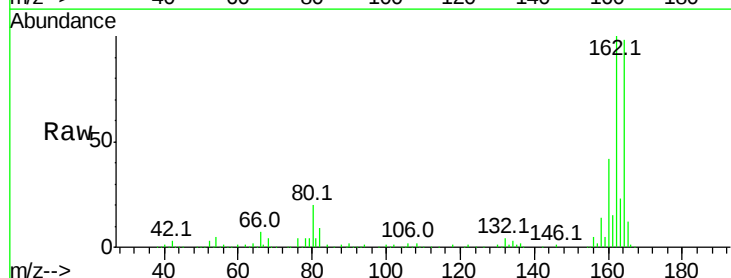
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.19 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094719.D
 Acq: 30 Apr 2017 17:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

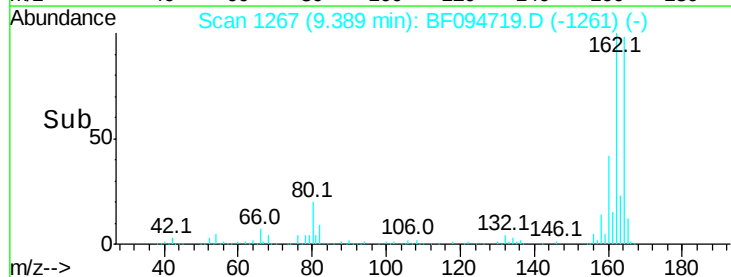
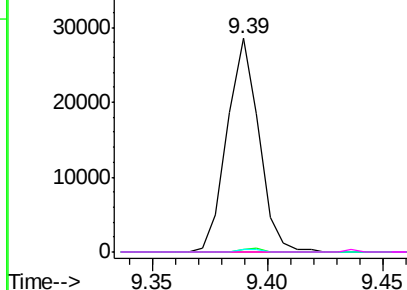


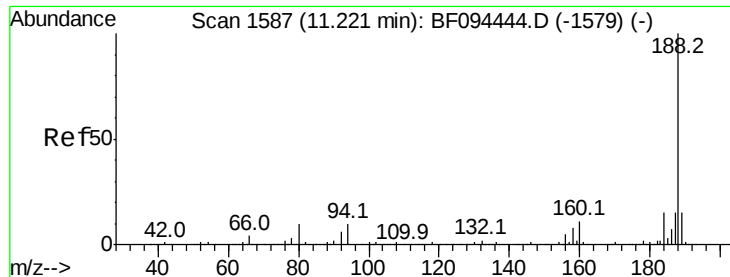
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

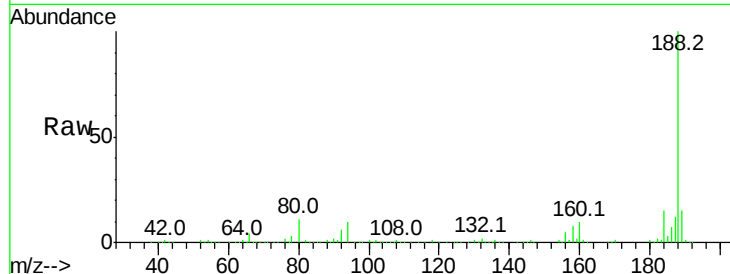




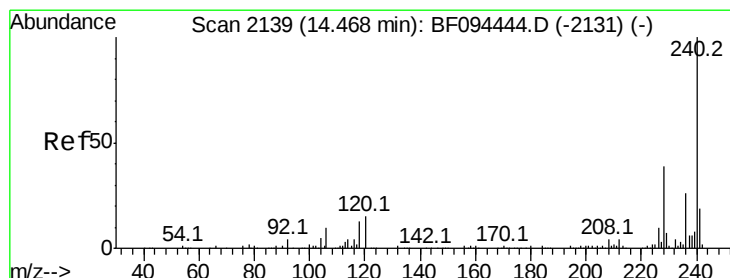
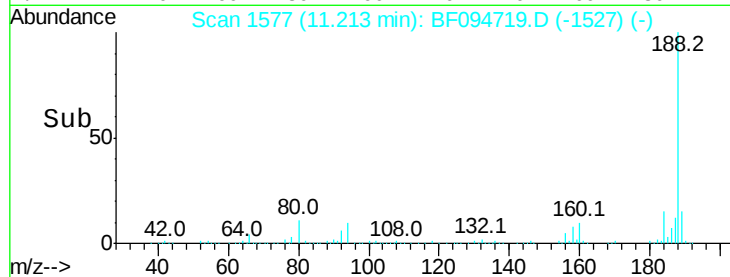
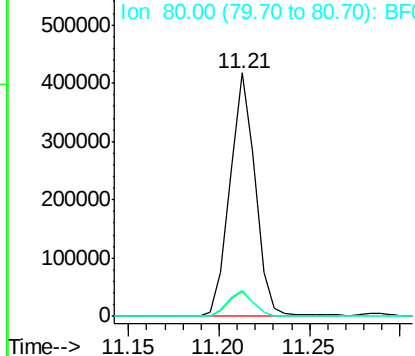
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094719.D
Acq: 30 Apr 2017 17:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 406341
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 10.6 10.2 15.2

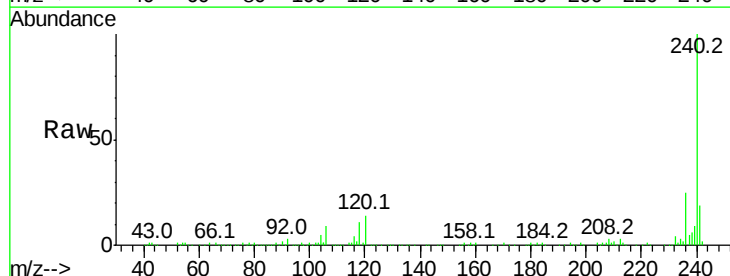


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

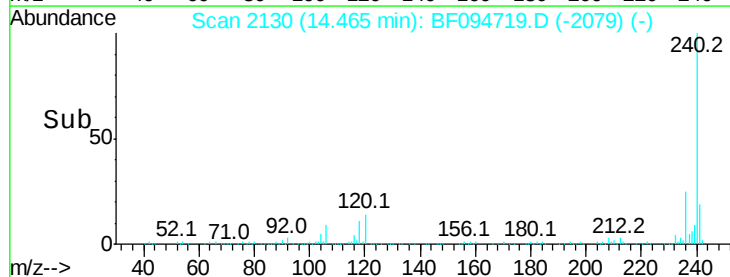
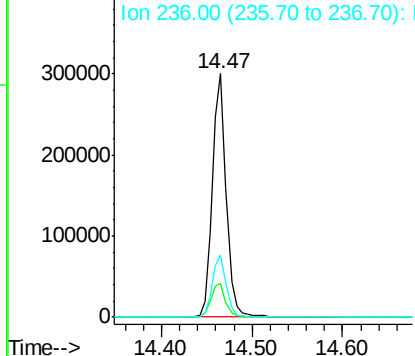


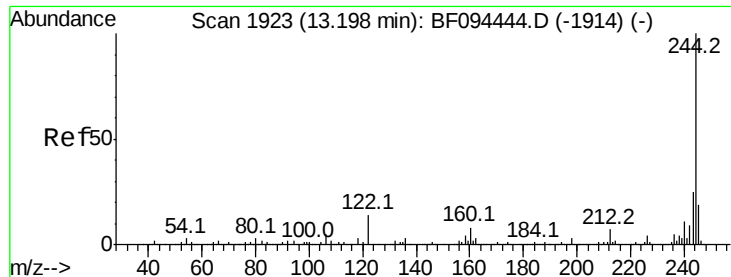
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094719.D
Acq: 30 Apr 2017 17:20

Tgt Ion:240 Resp: 322419
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 25.3 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

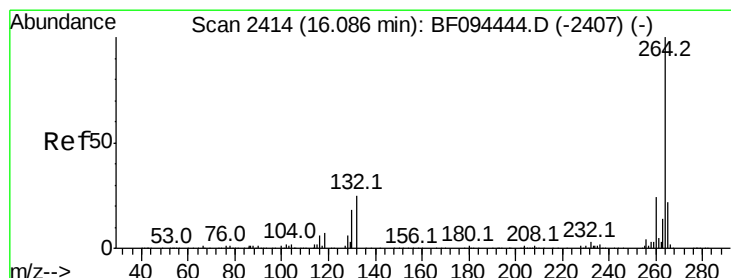
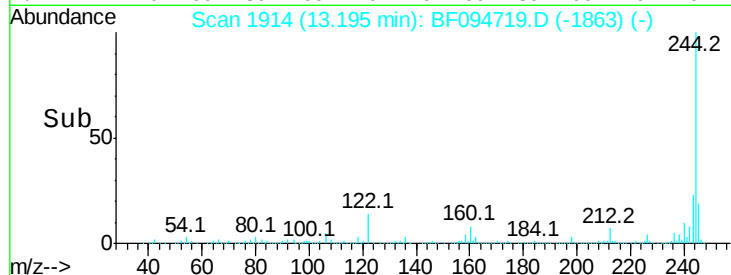
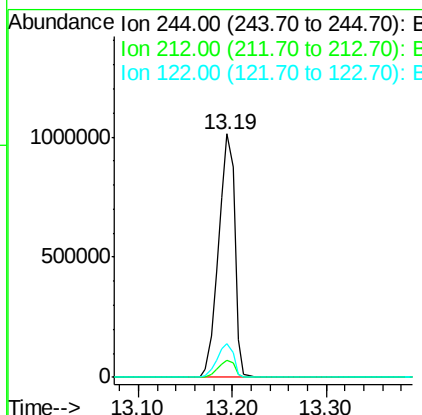
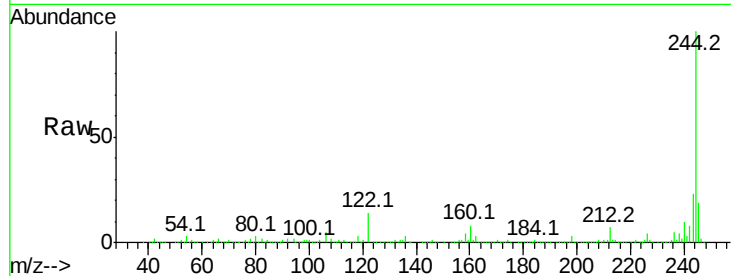




#78
 Terphenyl-d14
 Concen: 101.96 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094719.D
 Acq: 30 Apr 2017 17:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1229860
 Ion Ratio Lower Upper
 244 100
 212 7.1 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: BF094719.D
 Acq: 30 Apr 2017 17:20

Tgt Ion:264 Resp: 180413
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.9 17.2 25.8

