

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
 Data File : BF094672.D
 Acq On : 27 Apr 2017 19:14
 Operator : SJ/MA
 Sample : I2869-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 02:20:45 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

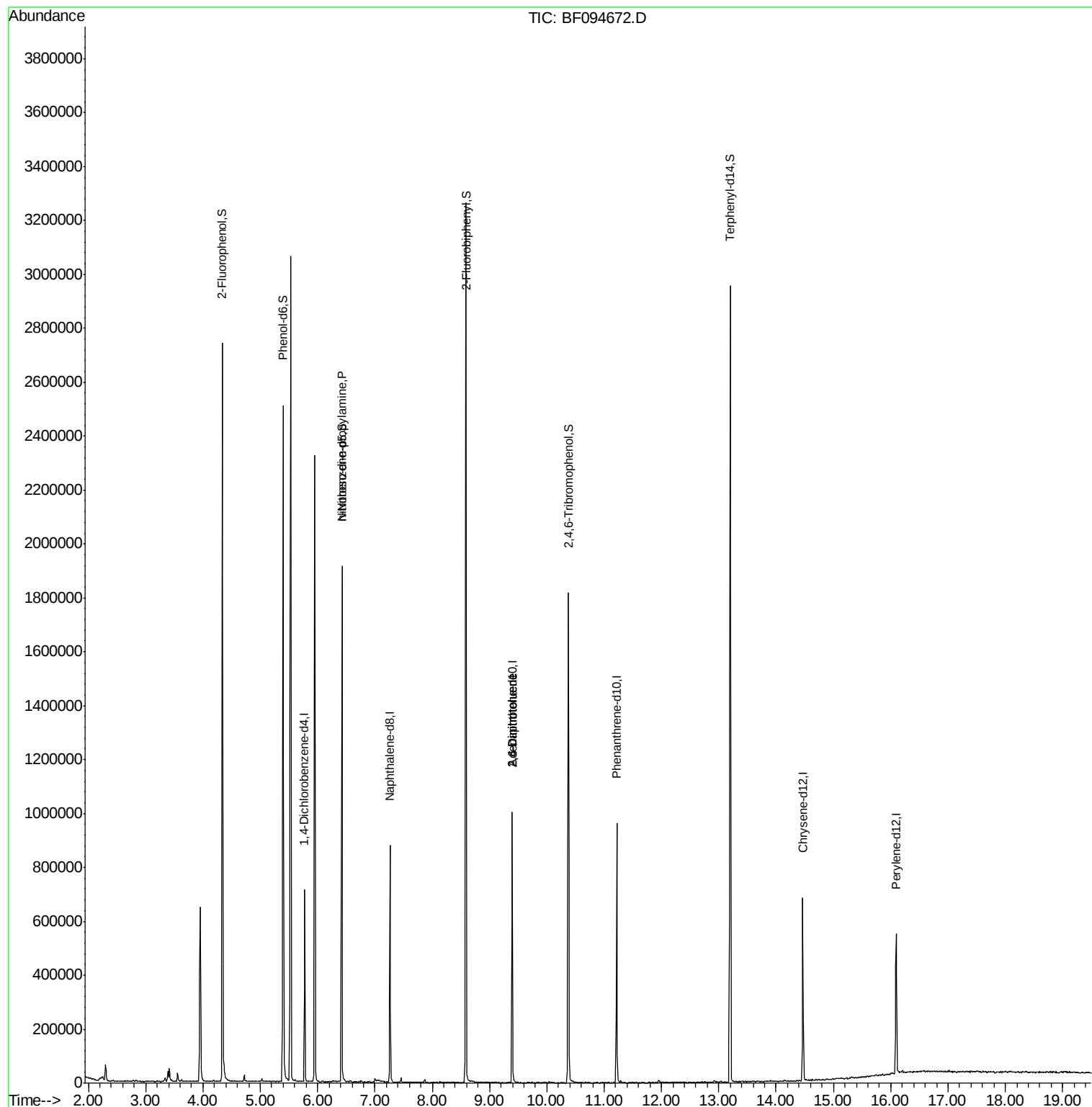
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	108943	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	443842	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	208337	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	375627	20.00	ng	0.00
75) Chrysene-d12	14.47	240	281295	20.00	ng	0.00
86) Perylene-d12	16.09	264	203004	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	829479	126.32	ng	0.03
7) Phenol-d6	5.40	99	957259	123.66	ng	0.00
23) Nitrobenzene-d5	6.42	82	663784	92.35	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	240836	147.79	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1241983	87.71	ng	0.00
78) Terphenyl-d14	13.20	244	1128465	107.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.42	70	87358	17.03	ng	# 75
50) 2,6-Dinitrotoluene	9.40	165	26404	7.58	ng	# 34
56) 2,4-Dinitrotoluene	9.40	165	26404	6.17	ng	# 33

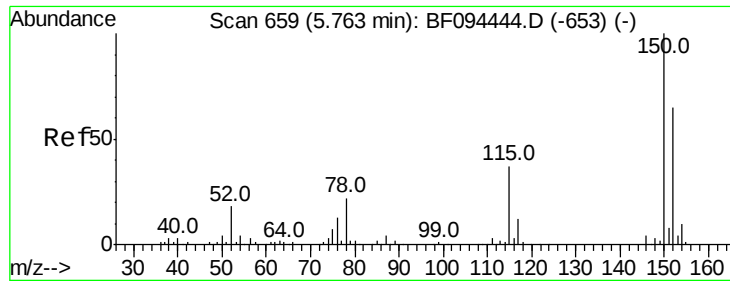
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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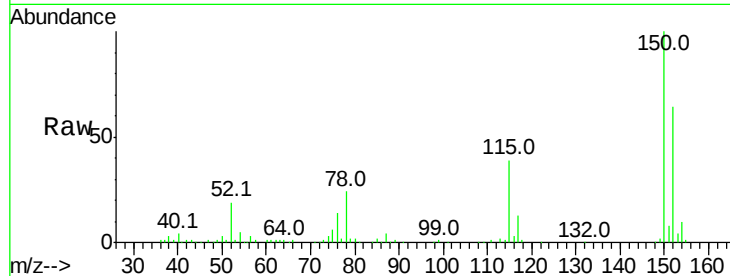


#1

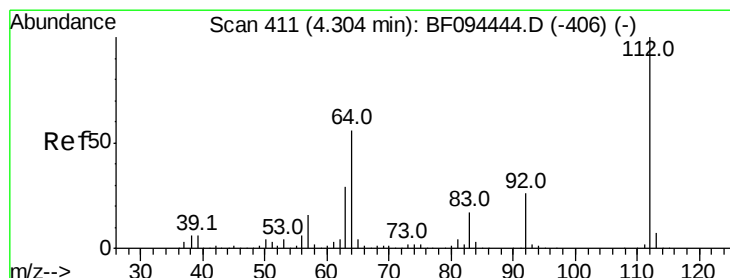
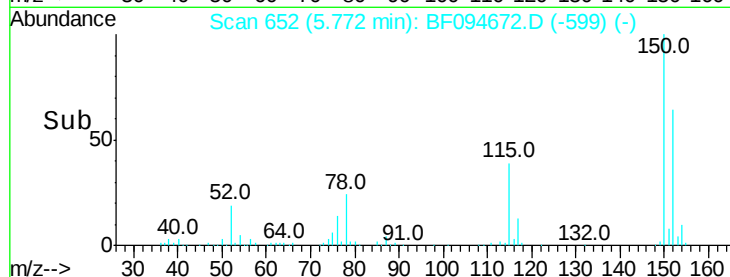
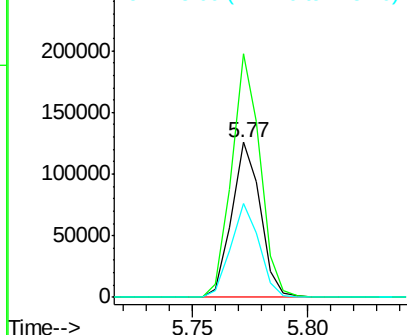
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094672.D
Acq: 27 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 108943
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 60.5 52.2 78.2



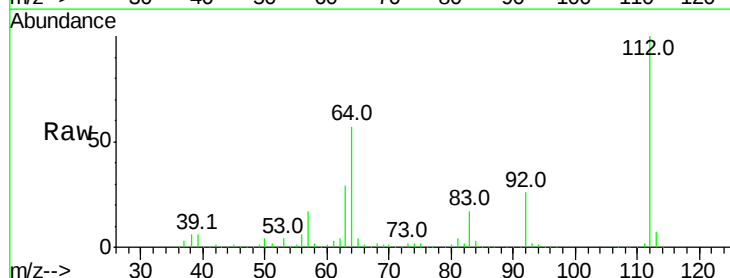
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



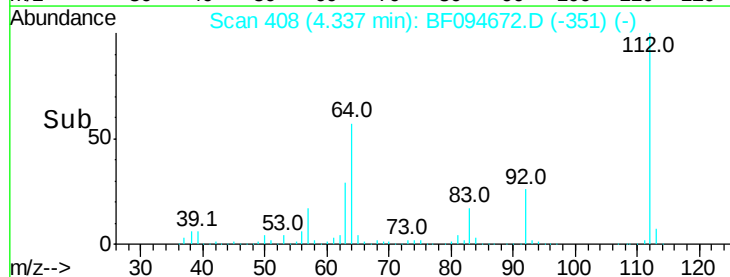
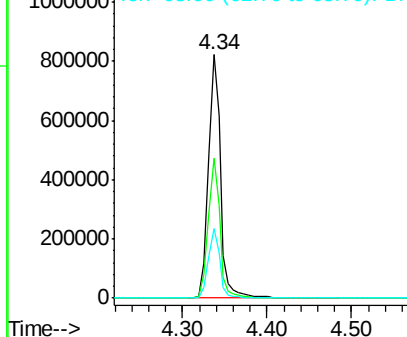
#5

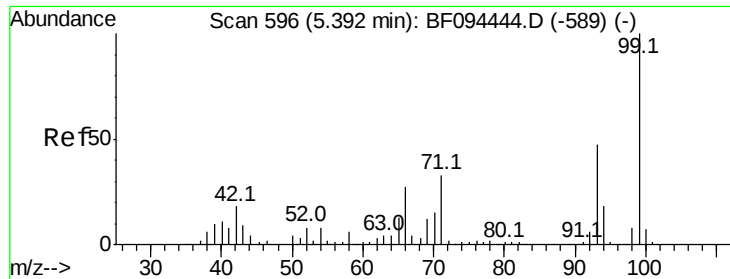
2-Fluorophenol
Concen: 126.32 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094672.D
Acq: 27 Apr 2017 19:14

Tgt Ion:112 Resp: 829479
Ion Ratio Lower Upper
112 100
64 57.4 46.0 69.0
63 28.7 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: 123.66 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094672.D

Acq: 27 Apr 2017 19:14

Instrument :
BNA_F
ClientSampled :

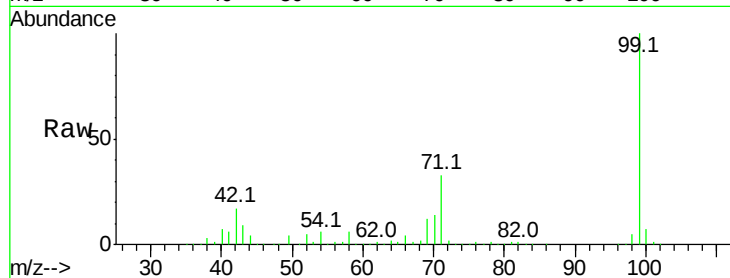
Tot Ion: 99 Resp: 957259

Ion Ratio Lower Upper

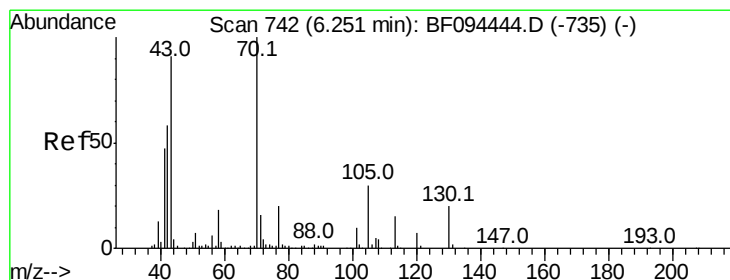
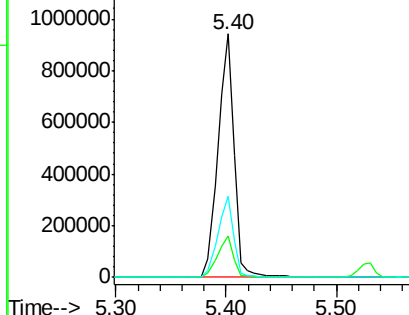
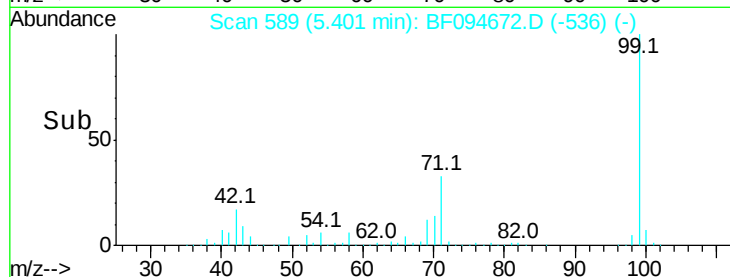
99 100

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



#19

n-Nitroso-di-n-propylamine

Concen: 17.03 ng

RT: 6.42 min Scan# 763

Delta R.T. 0.17 min

Lab File: BF094672.D

Acq: 27 Apr 2017 19:14

Tgt Ion: 70 Resp: 87358

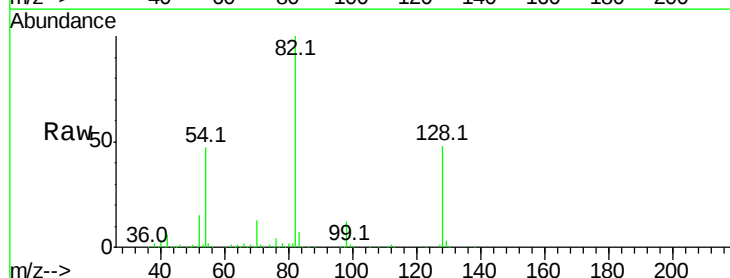
Ion Ratio Lower Upper

70 100

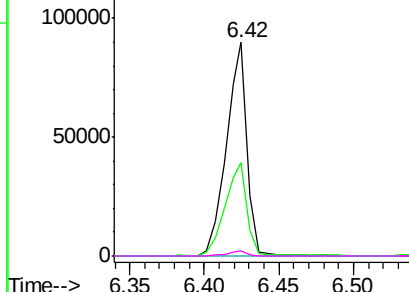
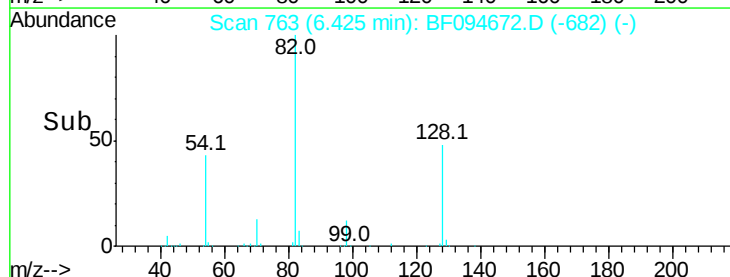
42 43.5 47.2 70.8#

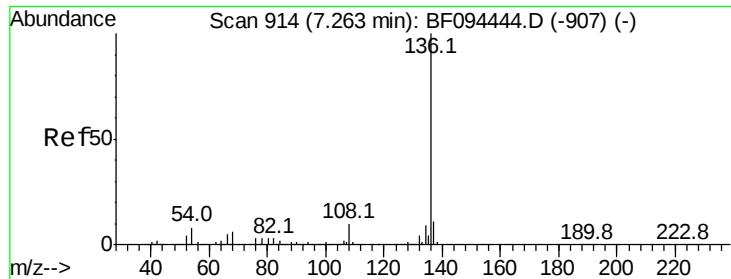
101 0.0 7.2 10.8#

130 2.3 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

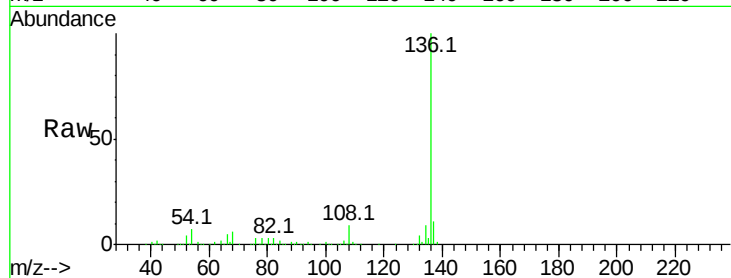




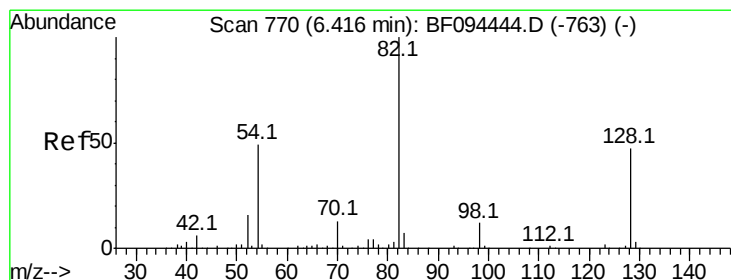
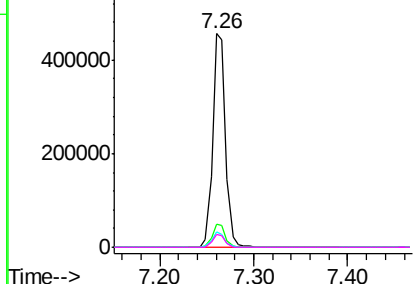
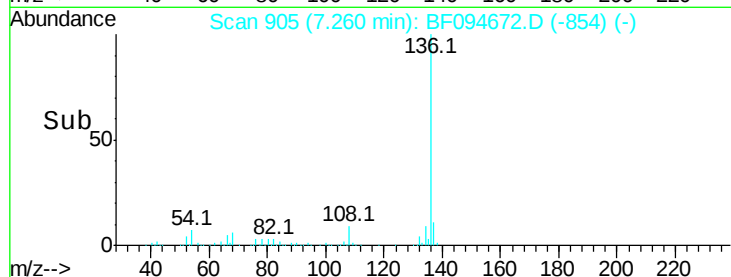
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094672.D
Acq: 27 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	443842
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	7.1	4.9 7.3
68	5.7	4.1 6.1

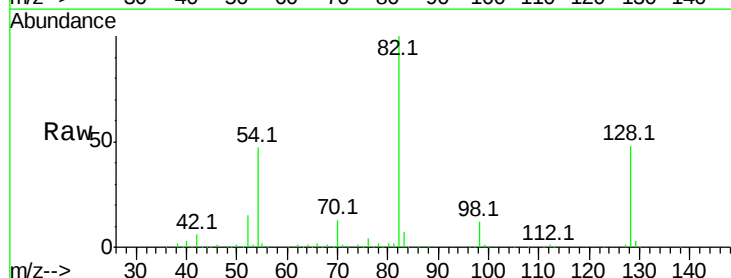


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

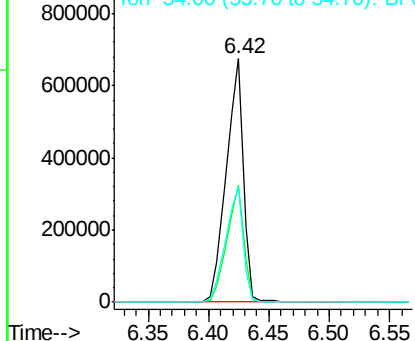
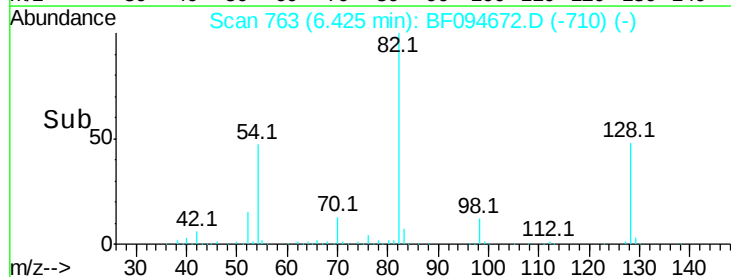


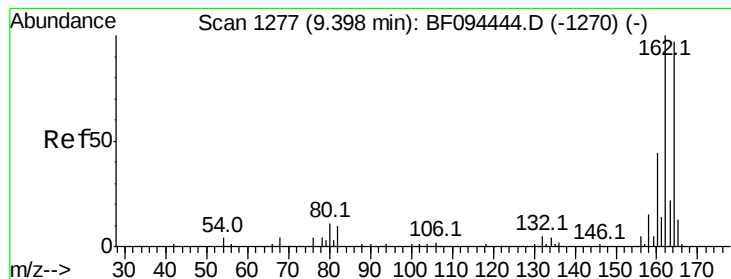
#23
Nitrobenzene-d5
Concen: 92.35 ng
RT: 6.42 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF094672.D
Acq: 27 Apr 2017 19:14

Tgt Ion: 82	Resp:	663784
Ion Ratio	Lower	Upper
82	100	
128	47.8	34.0 51.0
54	47.3	42.2 63.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF094672.D

Acq: 27 Apr 2017 19:14

Instrument :

BNA_F

ClientSampleId :

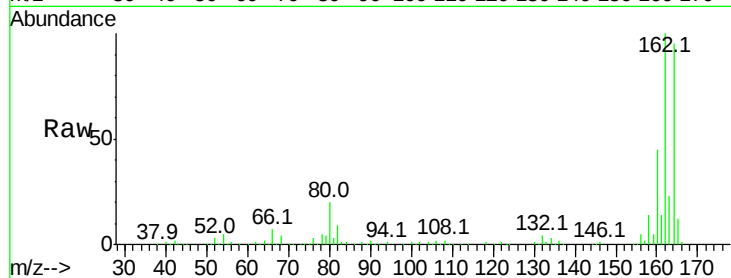
Tot Ion:164 Resp: 208337

Ion Ratio Lower Upper

164 100

162 105.1 82.6 123.8

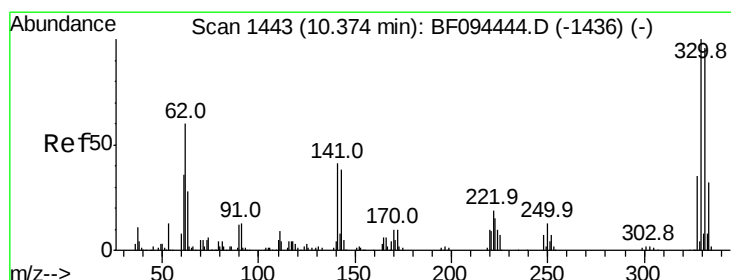
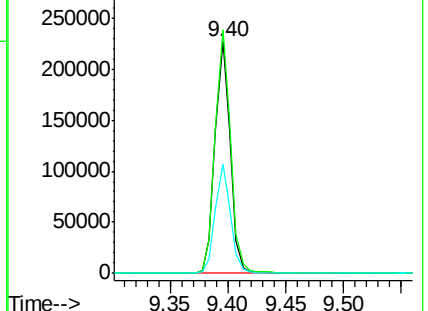
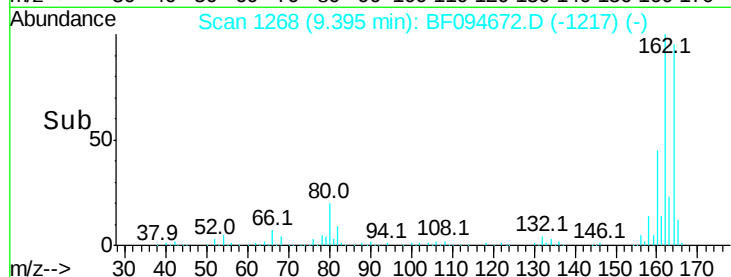
160 47.0 36.2 54.2



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: 147.79 ng

RT: 10.38 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF094672.D

Acq: 27 Apr 2017 19:14

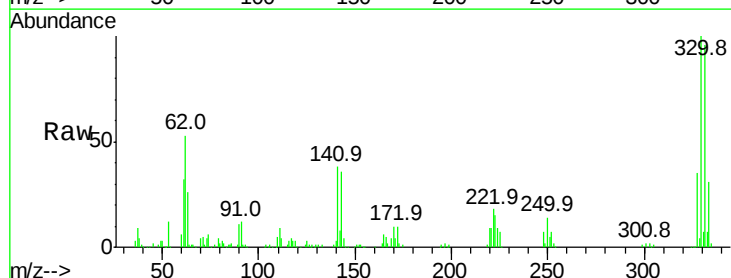
Tgt Ion:330 Resp: 240836

Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

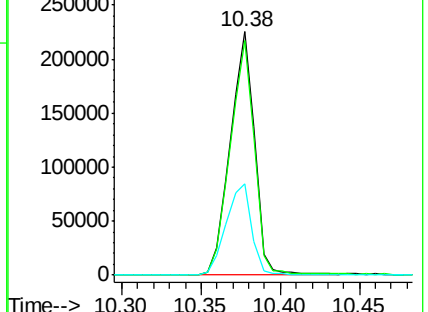
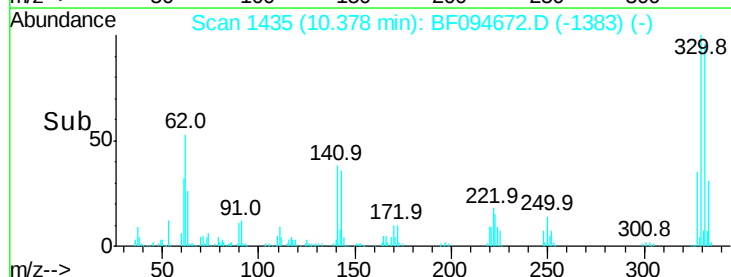
141 39.8 31.4 47.2

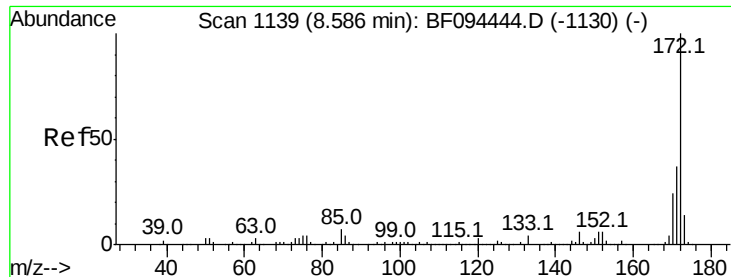


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



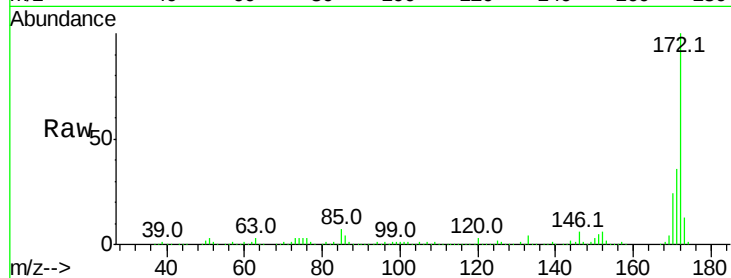


#44
 2-Fluorobiphenyl
 Concen: 87.71 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094672.D
 Acq: 27 Apr 2017 19:14

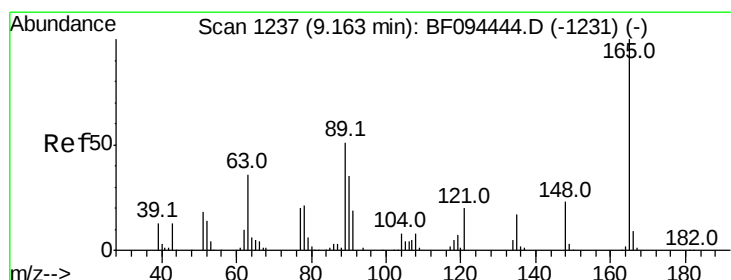
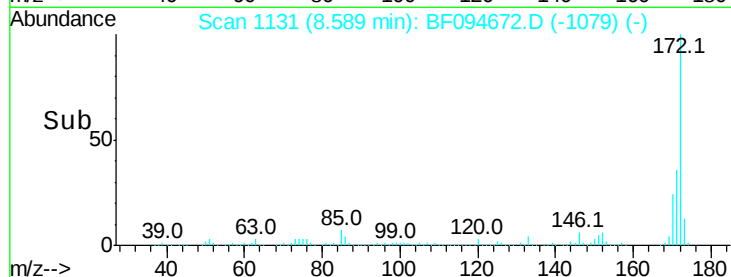
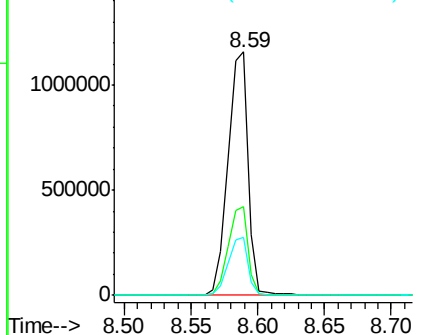
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1241983

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.9	19.8	29.8



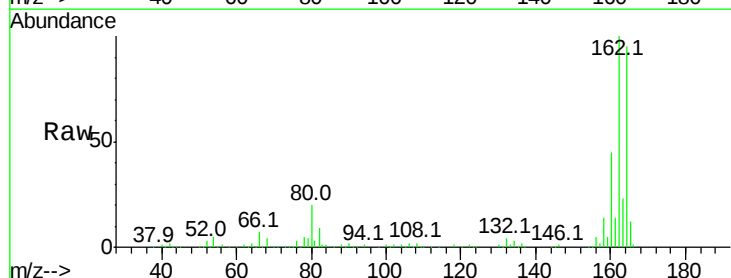
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



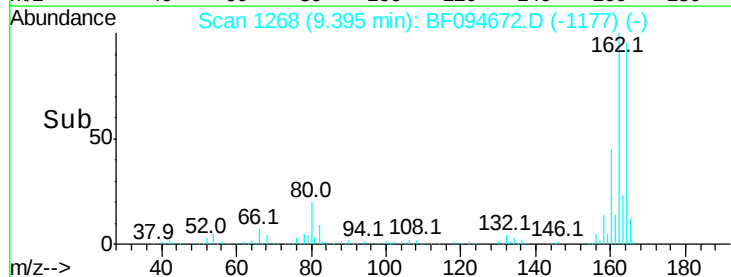
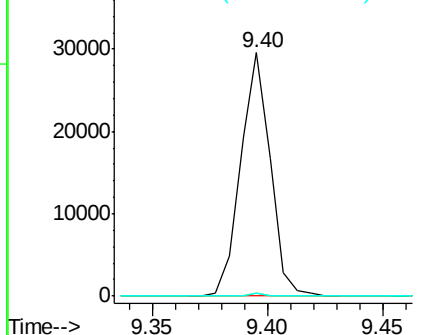
#50
 2,6-Dinitrotoluene
 Concen: 7.58 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. 0.23 min
 Lab File: BF094672.D
 Acq: 27 Apr 2017 19:14

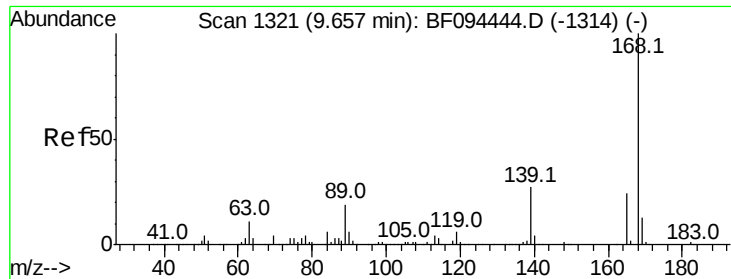
Tgt Ion:165 Resp: 26404

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.3	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

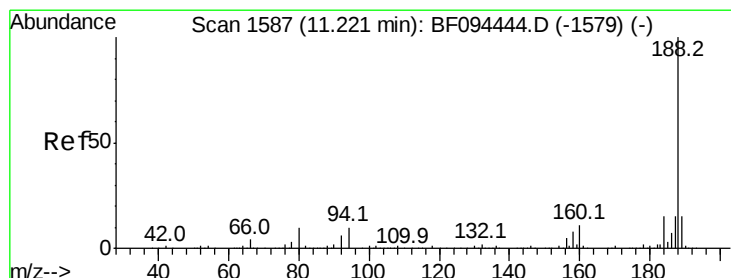
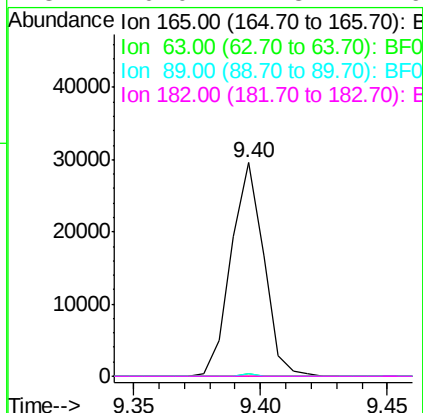
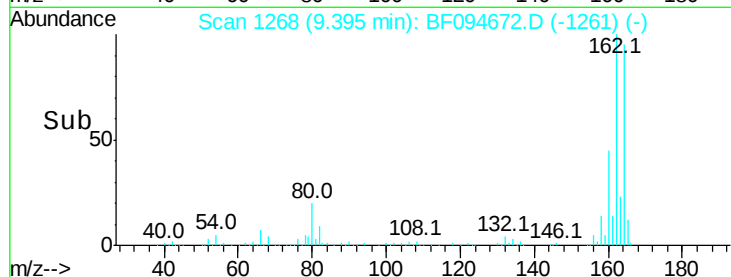
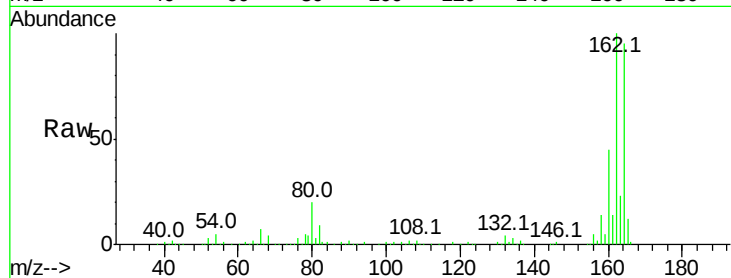




#56
 2,4-Dinitrotoluene
 Concen: 6.17 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.26 min
 Lab File: BF094672.D
 Acq: 27 Apr 2017 19:14

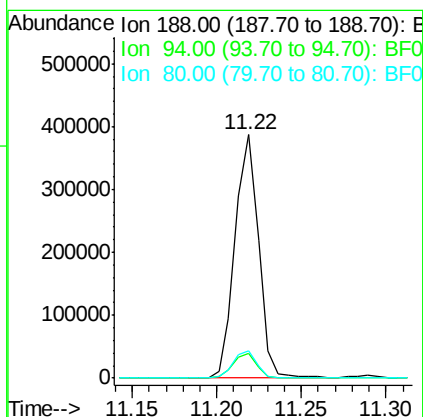
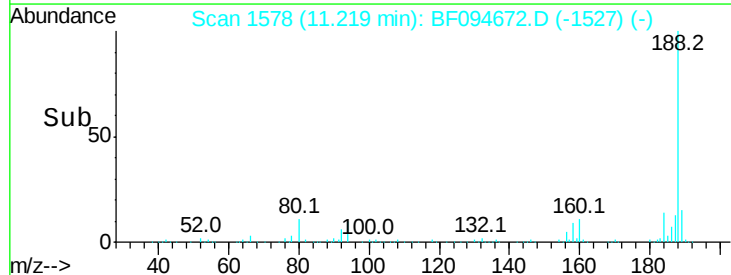
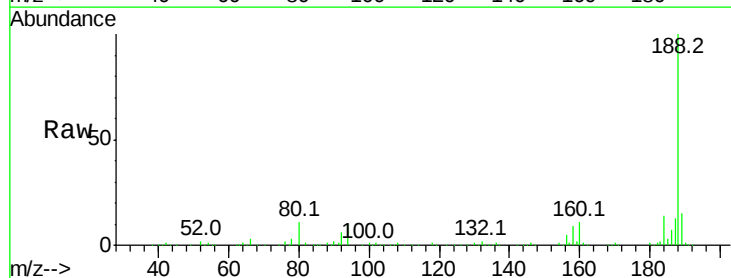
Instrument :
 BNA_F
 ClientSampleId :

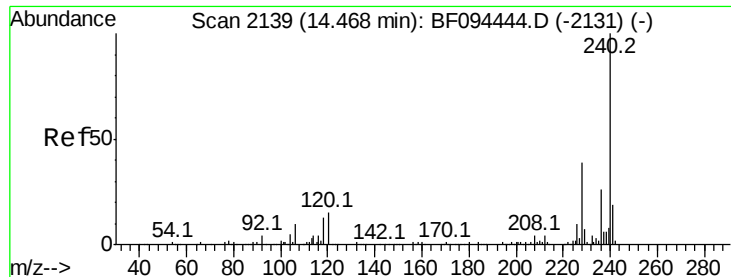
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF094672.D
 Acq: 27 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.3	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: BF094672.D

Acq: 27 Apr 2017 19:14

Instrument :

BNA_F

ClientSampleId :

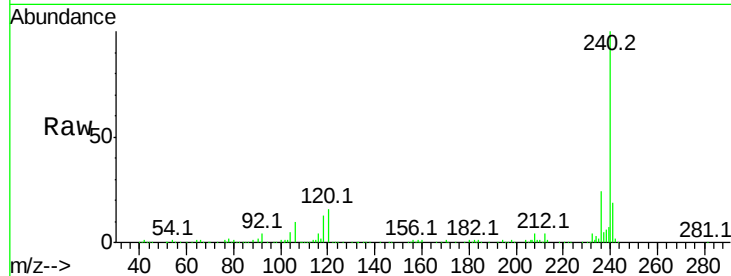
Tot Ion:240 Resp: 281295

Ion Ratio Lower Upper

240 100

120 16.0 5.8 8.8#

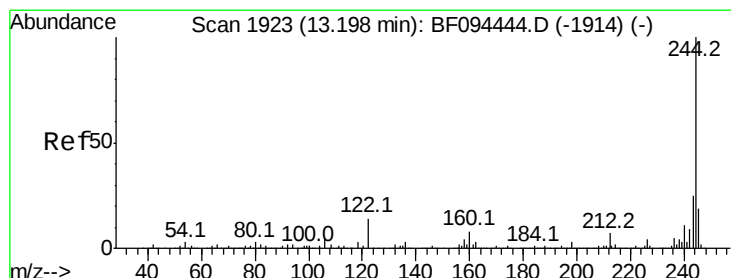
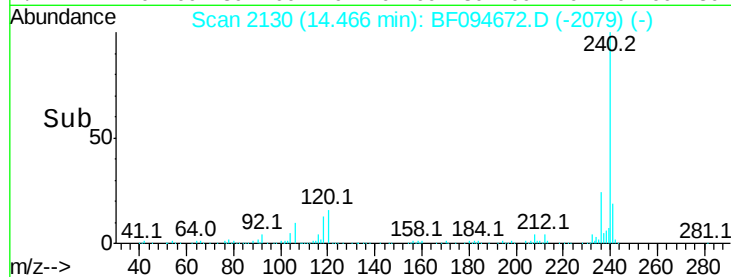
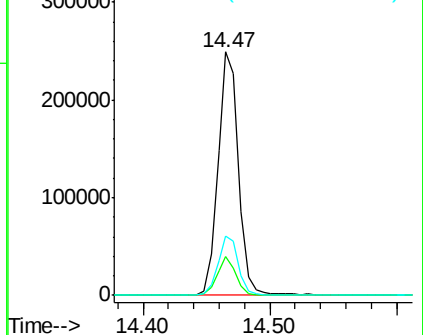
236 24.2 20.5 30.7



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: 107.23 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094672.D

Acq: 27 Apr 2017 19:14

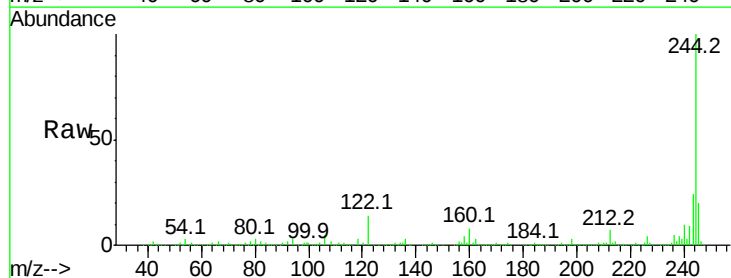
Tgt Ion:244 Resp: 1128465

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

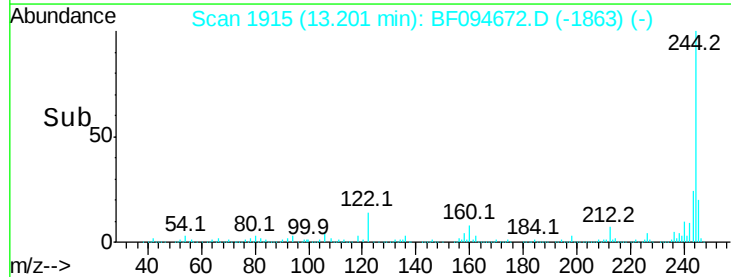
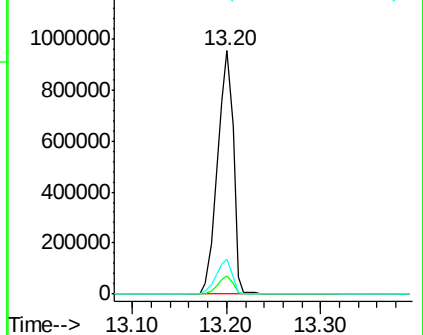
122 14.4 10.3 15.5

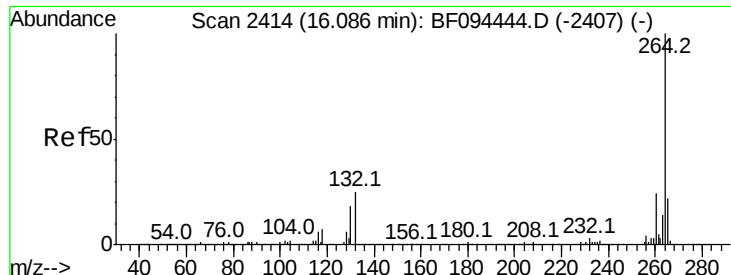


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

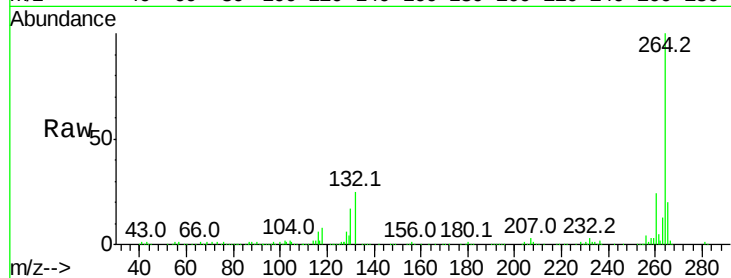




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094672.D
 Acq: 27 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	20.5	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

