

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094492.D
 Acq On : 18 Apr 2017 17:58
 Operator : SJ/MA
 Sample : PB98306BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 01:14:03 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

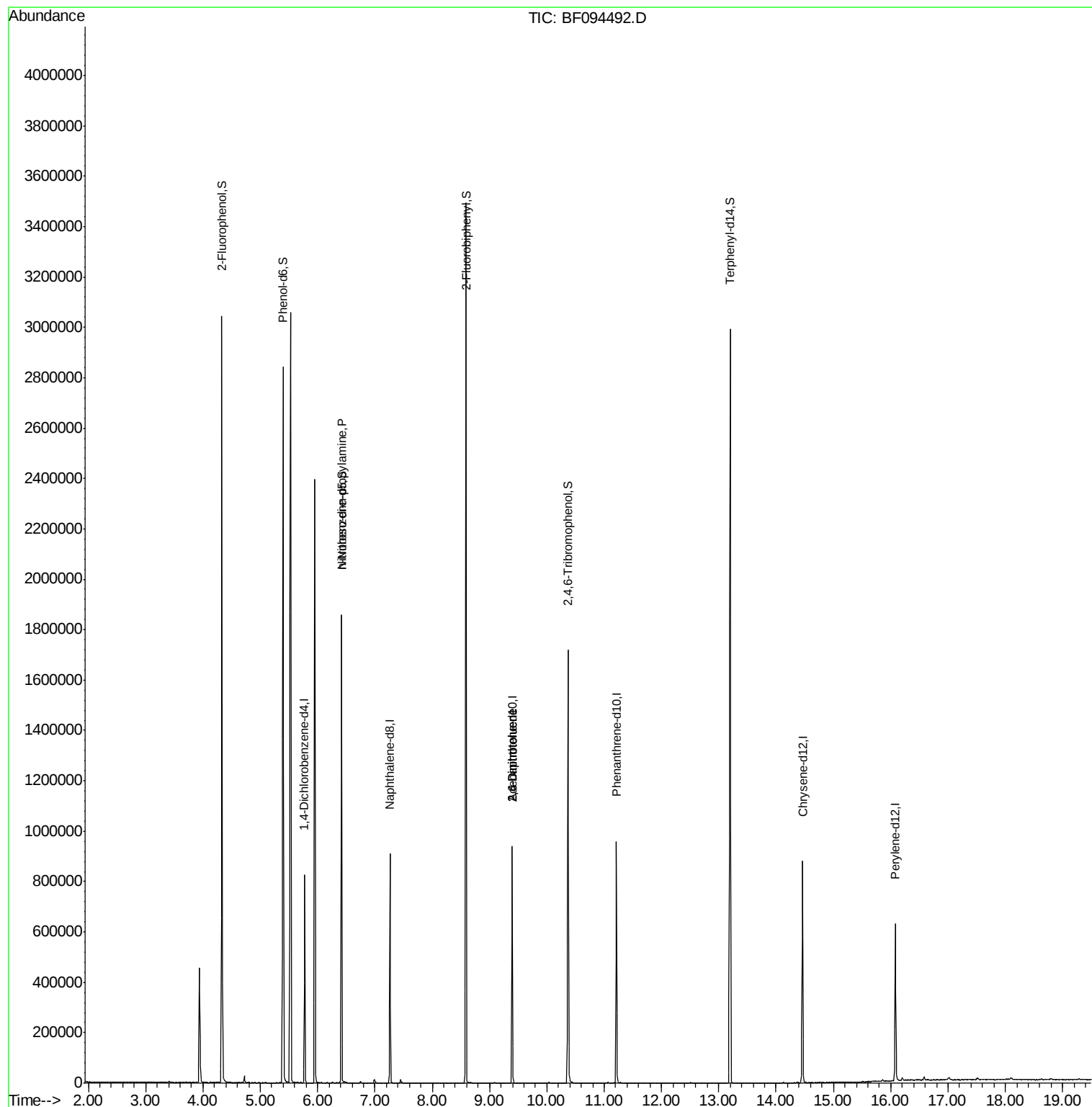
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	117499	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	444437	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	189719	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	391465	20.00	ng	0.00
75) Chrysene-d12	14.46	240	334884	20.00	ng	0.00
86) Perylene-d12	16.08	264	234286	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	931564	131.54	ng	0.03
7) Phenol-d6	5.40	99	1127459	135.04	ng	0.00
23) Nitrobenzene-d5	6.42	82	692823	96.26	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	215118	144.96	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1221507	94.73	ng	0.00
78) Terphenyl-d14	13.20	244	1153842	92.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.42	70	90282	16.32	ng	# 79
50) 2,6-Dinitrotoluene	9.40	165	24122	7.60	ng	# 33
56) 2,4-Dinitrotoluene	9.40	165	24122	6.19	ng	# 32

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

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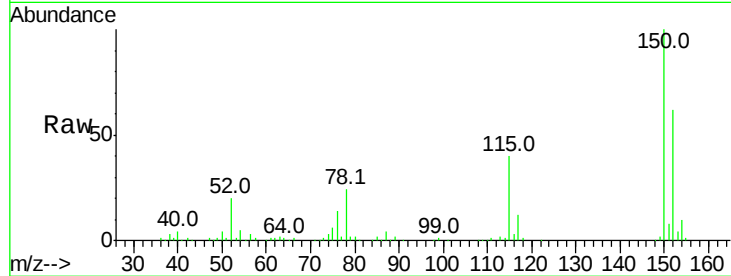


#1

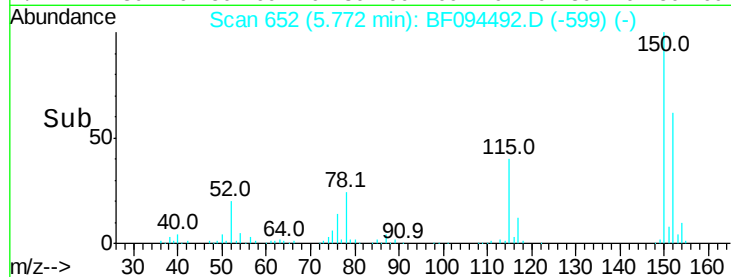
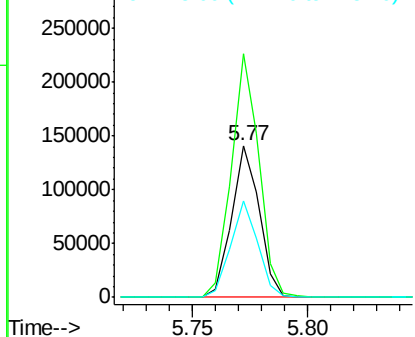
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094492.D
Acq: 18 Apr 2017 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117499
Ion Ratio Lower Upper
152 100
150 160.6 126.2 189.2
115 63.7 52.2 78.2



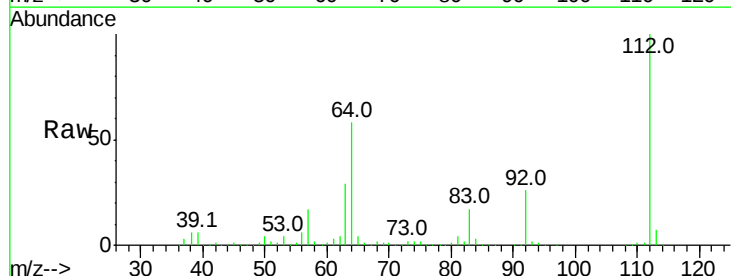
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



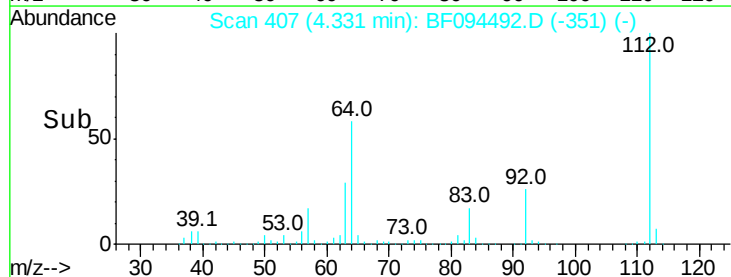
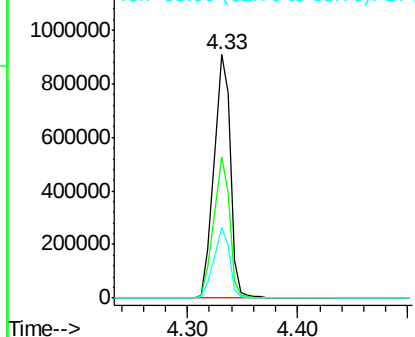
#5

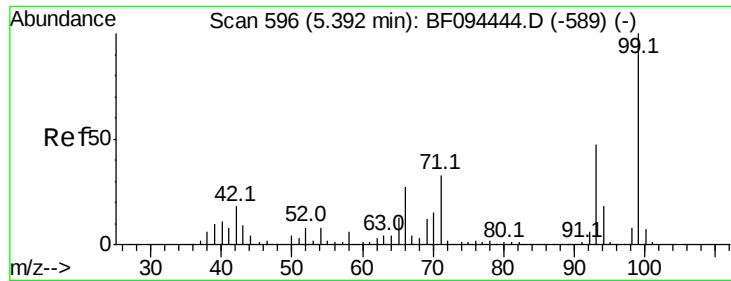
2-Fluorophenol
Concen: 131.54 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094492.D
Acq: 18 Apr 2017 17:58

Tgt Ion:112 Resp: 931564
Ion Ratio Lower Upper
112 100
64 58.0 46.0 69.0
63 28.9 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: 135.04 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

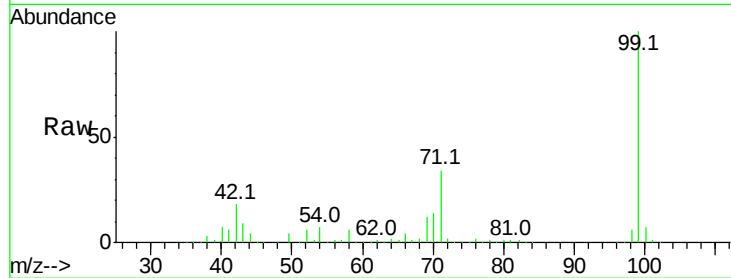
Lab File: BF094492.D

Acq: 18 Apr 2017 17:58

Instrument :
BNA_F
ClientSampled :

Tot Ion: 99 Resp: 1127459

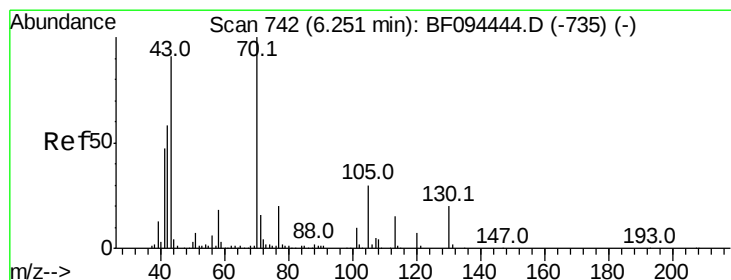
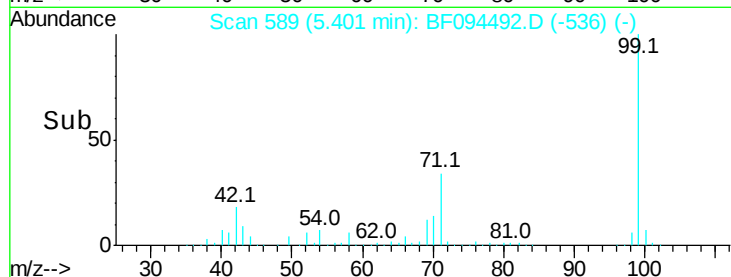
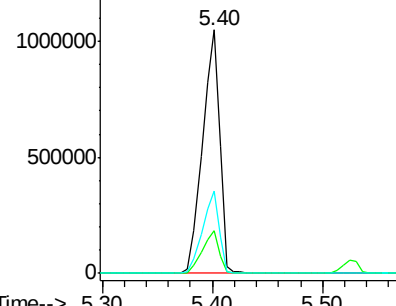
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.5	20.3
71	33.6	24.5	36.7



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: 16.32 ng

RT: 6.42 min Scan# 762

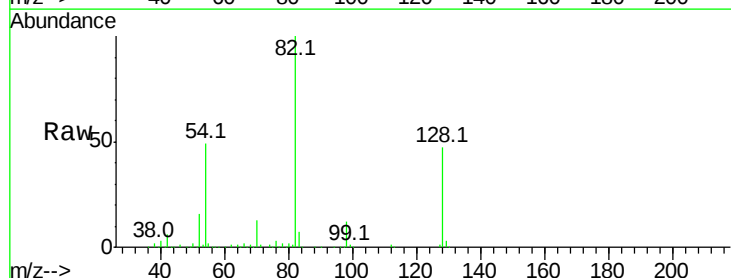
Delta R.T. 0.17 min

Lab File: BF094492.D

Acq: 18 Apr 2017 17:58

Tgt Ion: 70 Resp: 90282

Ion	Ratio	Lower	Upper
70	100		
42	47.7	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

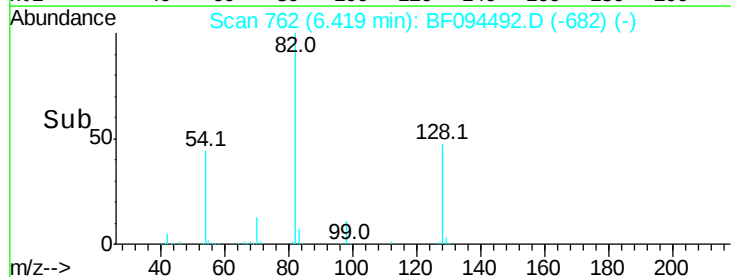
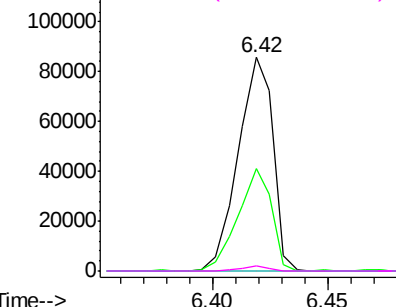


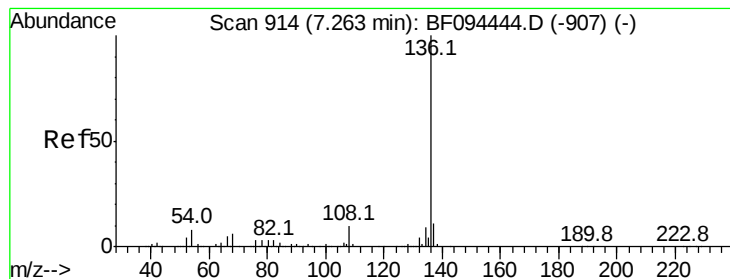
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF094492.D

Acq: 18 Apr 2017 17:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 444437

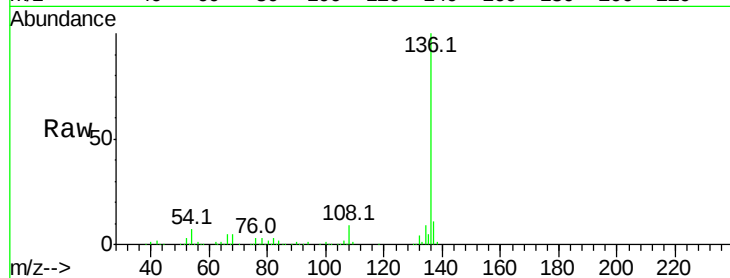
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.6 4.9 7.3

68 5.0 4.1 6.1

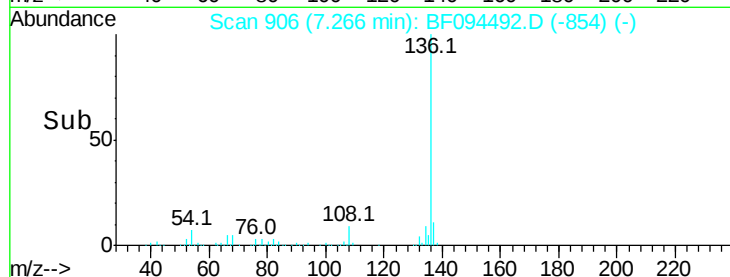


Abundance Ion 136.00 (135.70 to 136.70): E

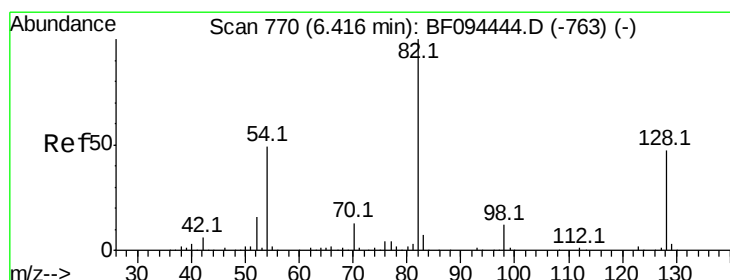
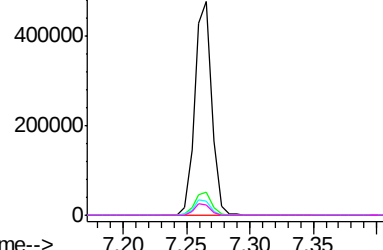
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 96.26 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094492.D

Acq: 18 Apr 2017 17:58

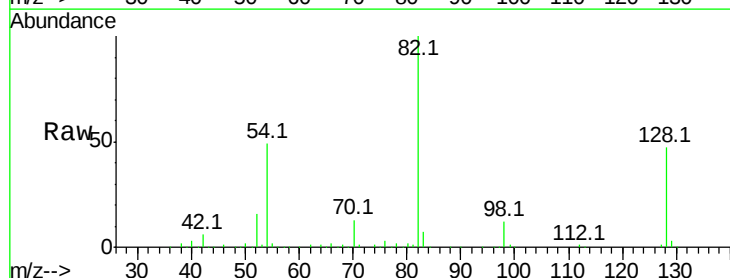
Tgt Ion: 82 Resp: 692823

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

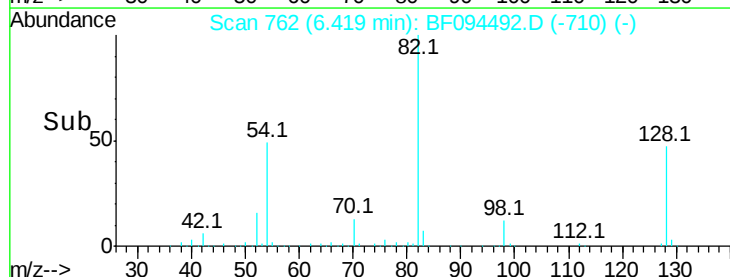
54 48.7 42.2 63.2



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



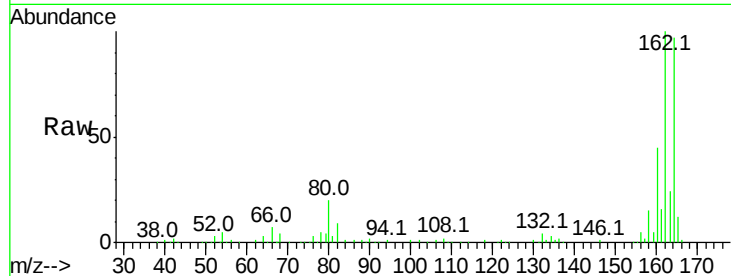
Time-->



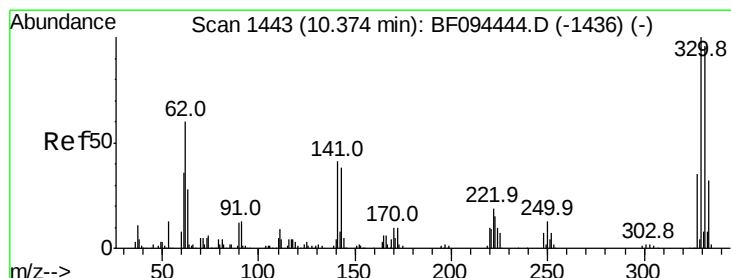
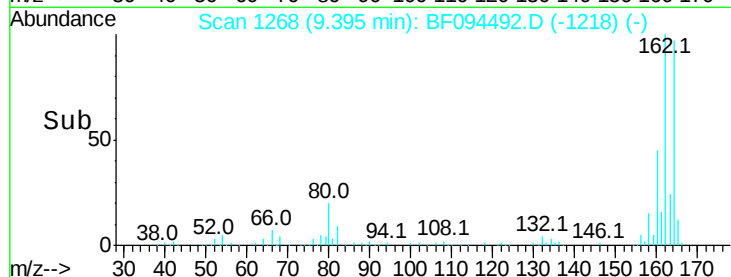
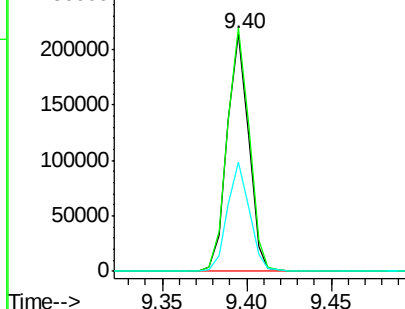
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094492.D
 Acq: 18 Apr 2017 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 189719
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 123.8
 160 45.9 36.2 54.2

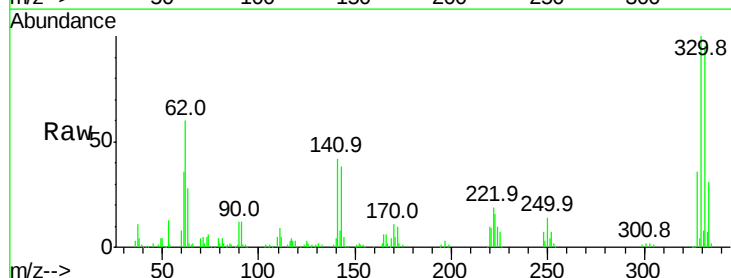


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

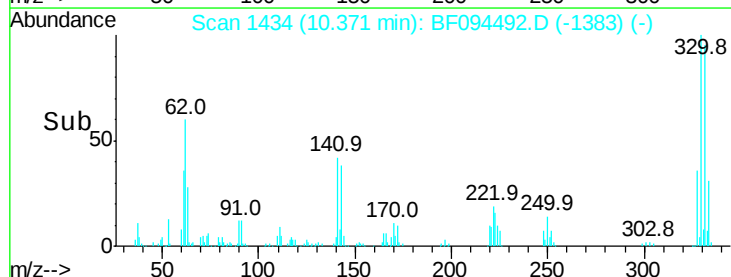
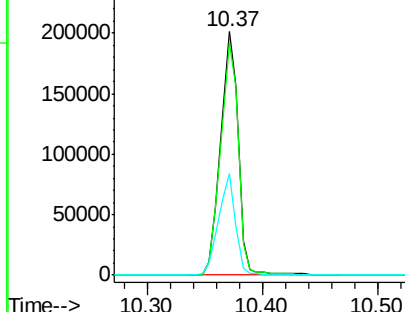


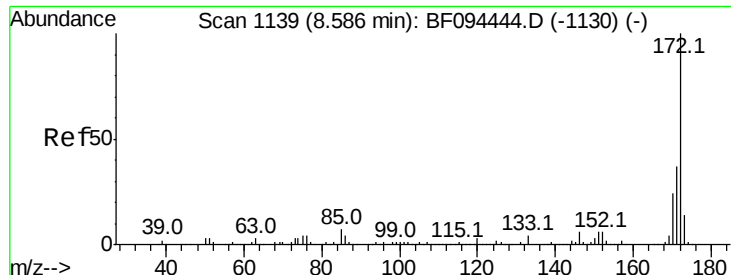
#41
 2,4,6-Tribromophenol
 Concen: 144.96 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094492.D
 Acq: 18 Apr 2017 17:58

Tgt Ion:330 Resp: 215118
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 40.2 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



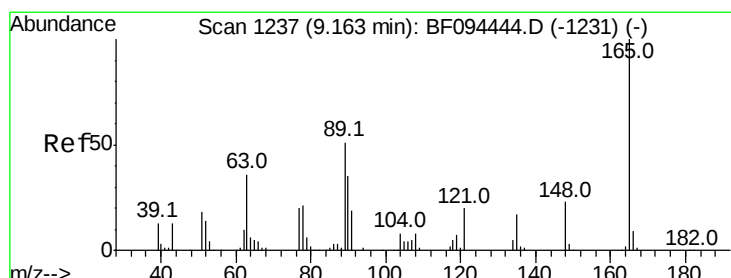
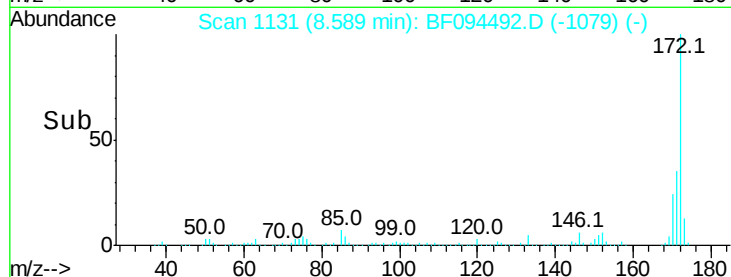
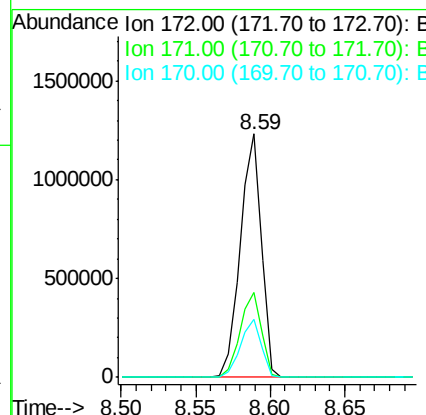
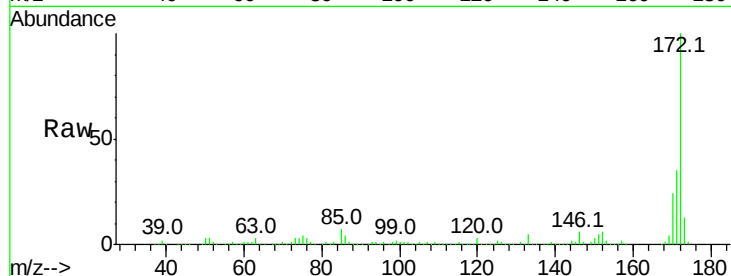


#44
 2-Fluorobiphenyl
 Concen: 94.73 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094492.D
 Acq: 18 Apr 2017 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1221507

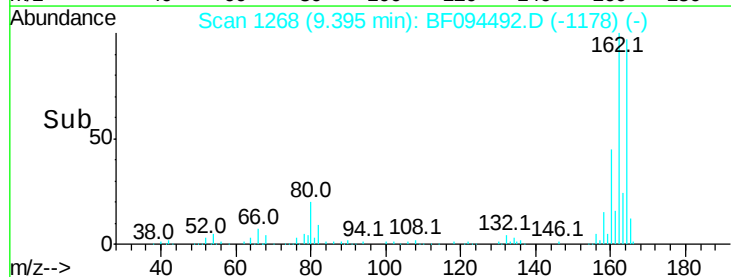
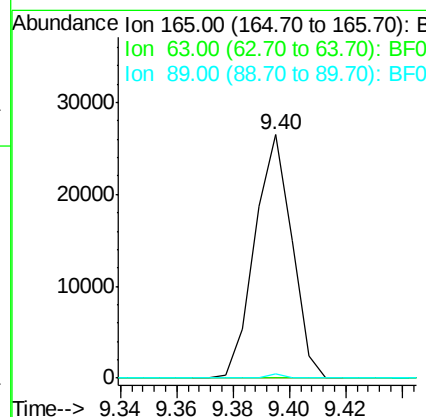
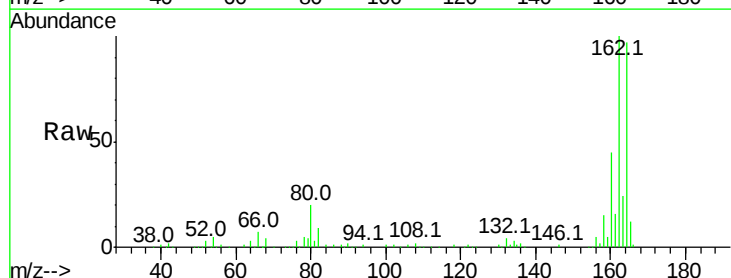
Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.6	19.8	29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.60 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. 0.23 min
 Lab File: BF094492.D
 Acq: 18 Apr 2017 17:58

Tgt Ion:165 Resp: 24122

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	1.6	37.1	55.7#

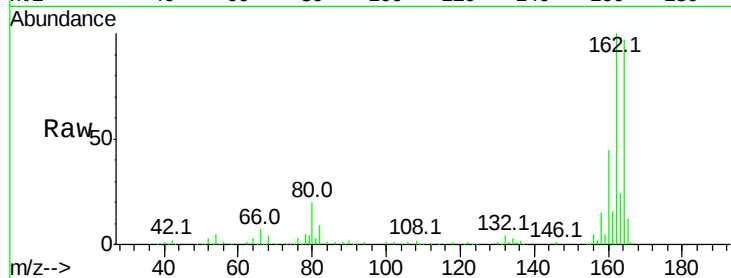




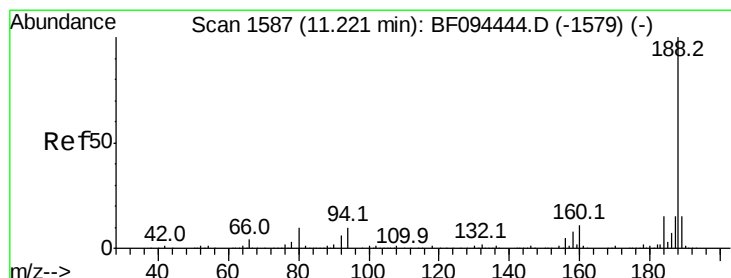
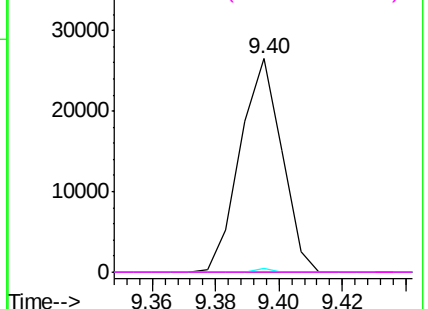
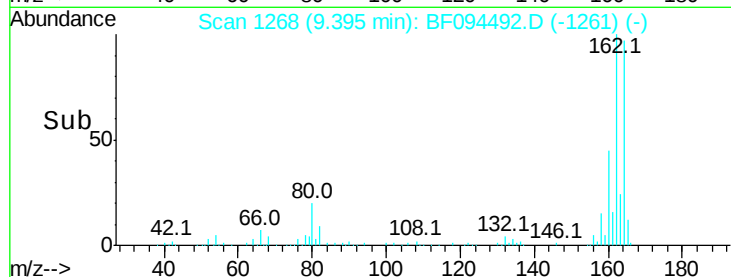
#56
 2,4-Dinitrotoluene
 Concen: 6.19 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.26 min
 Lab File: BF094492.D
 Acq: 18 Apr 2017 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 24122
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 1.6 46.4 69.6#
 182 0.0 1.8 2.6#

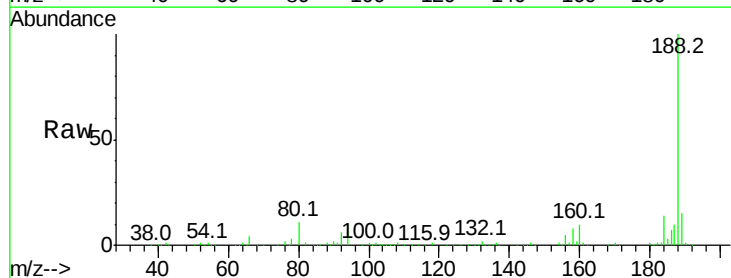


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

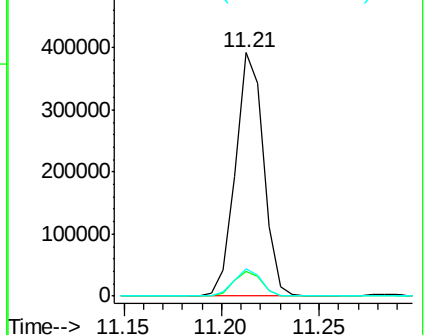
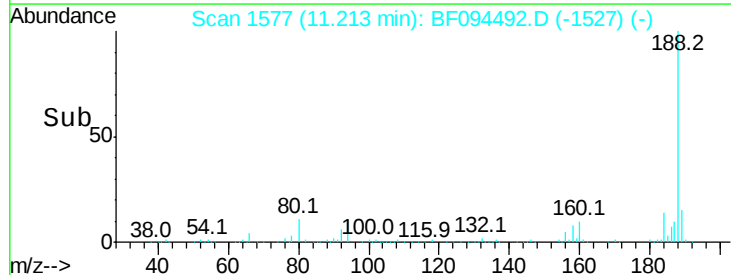


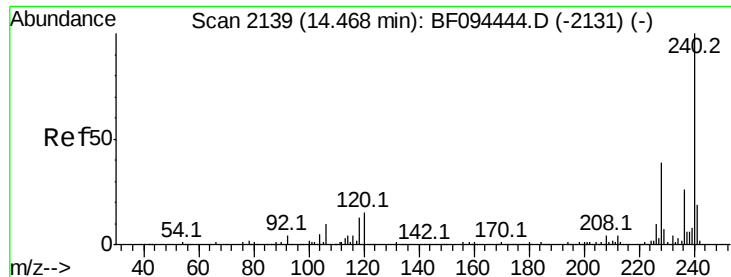
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094492.D
 Acq: 18 Apr 2017 17:58

Tgt Ion:188 Resp: 391465
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 11.2 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: BF094492.D

Acq: 18 Apr 2017 17:58

Instrument :

BNA_F

ClientSampleId :

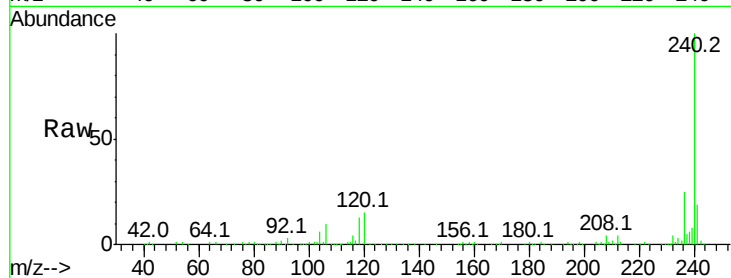
Tot Ion:240 Resp: 334884

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

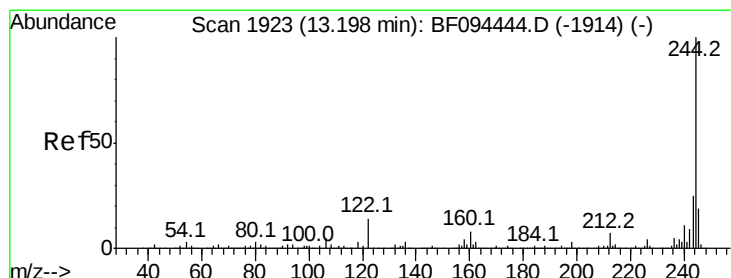
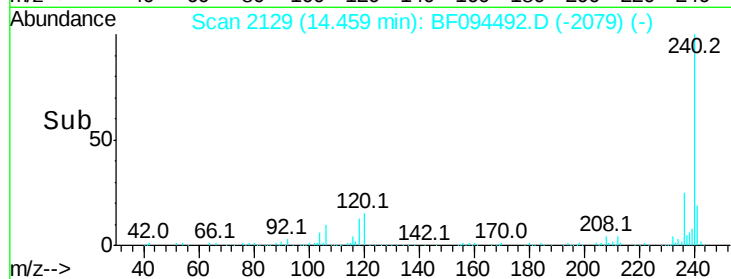
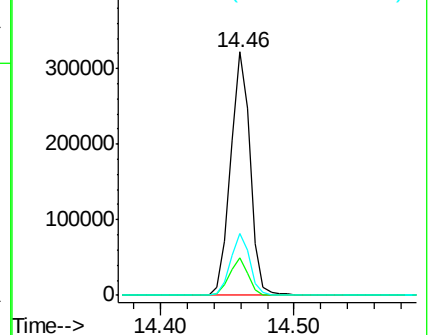
236 25.2 20.5 30.7



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: 92.10 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094492.D

Acq: 18 Apr 2017 17:58

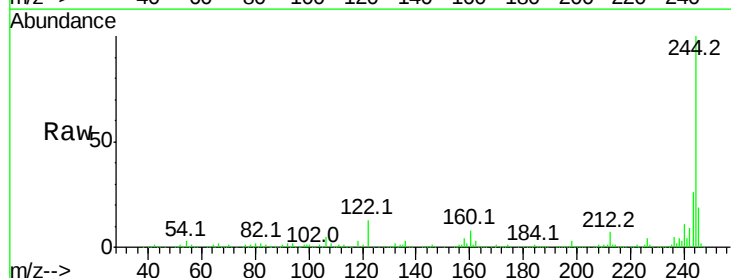
Tgt Ion:244 Resp: 1153842

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

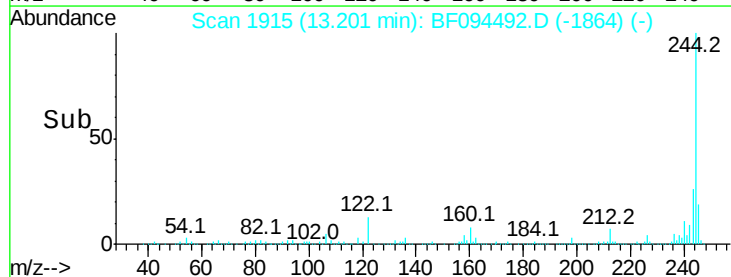
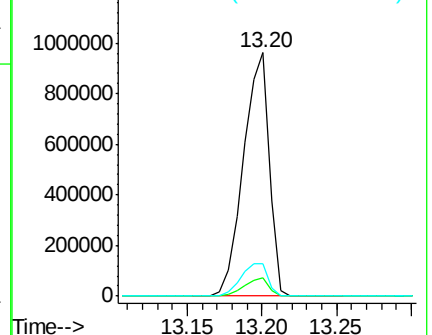
122 13.3 10.3 15.5

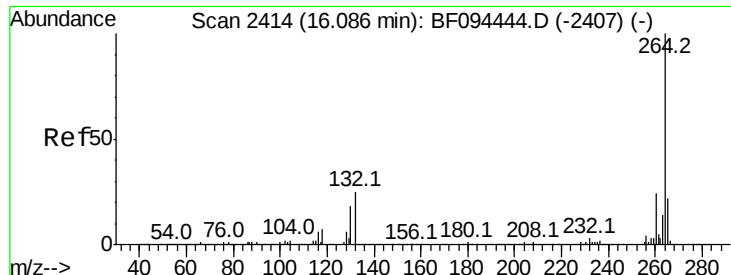


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

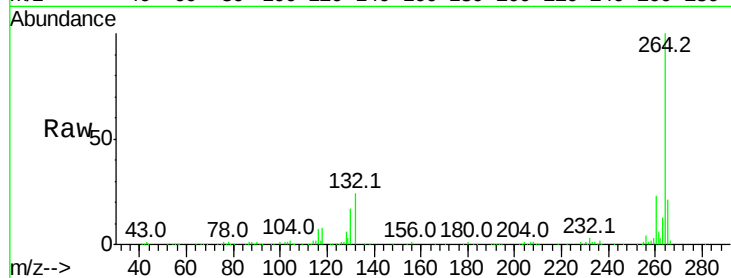




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094492.D
Acq: 18 Apr 2017 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.0	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

