

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094647.D
 Acq On : 26 Apr 2017 15:25
 Operator : SJ/MA
 Sample : I2847-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 01:22:55 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

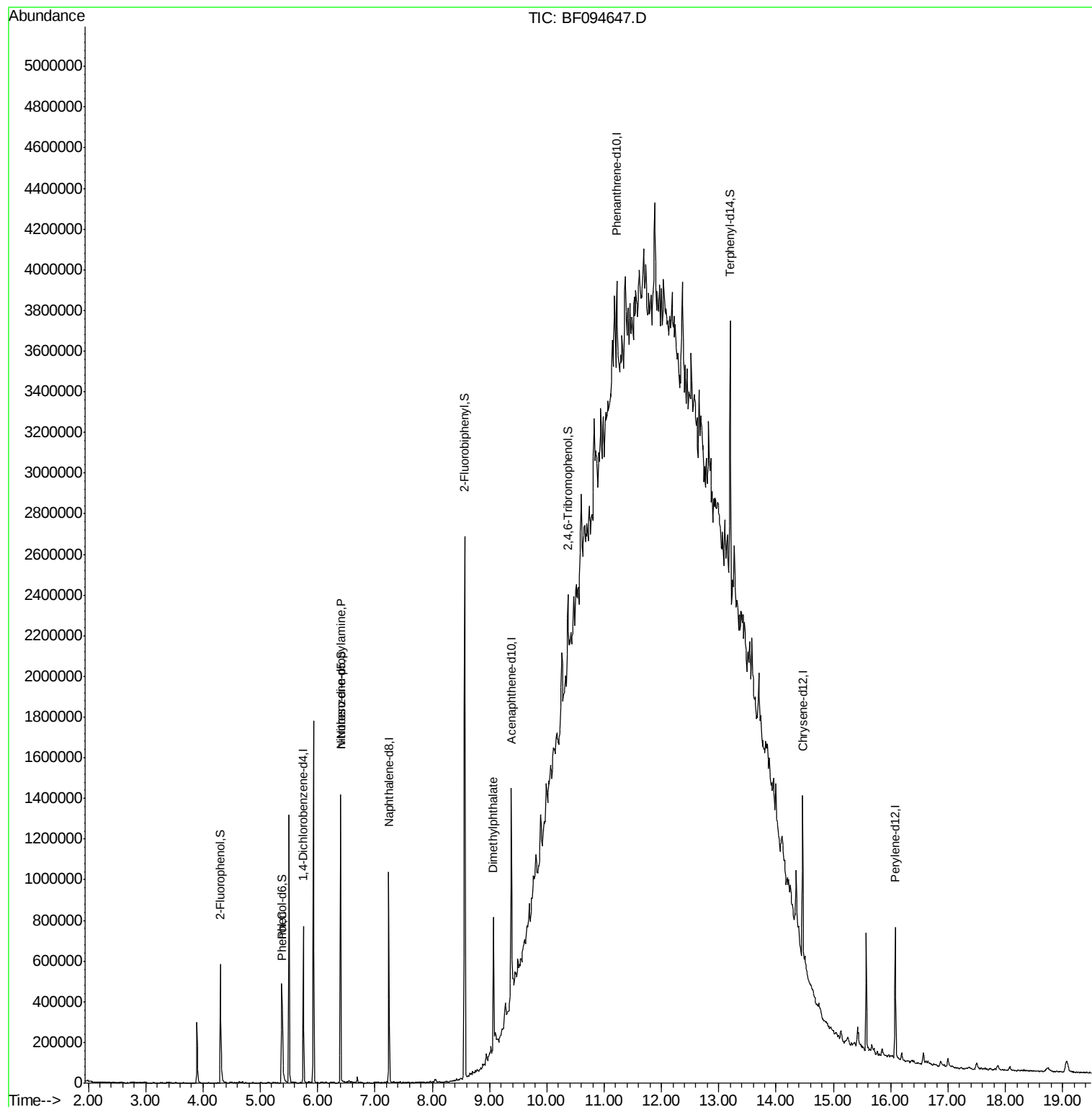
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	126996	20.00	ng	0.00
21) Naphthalene-d8	7.24	136	522108	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	233277	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	327229	20.00	ng	0.00
75) Chrysene-d12	14.47	240	365070	20.00	ng	0.00
86) Perylene-d12	16.08	264	261121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	198468	25.93	ng	0.00
7) Phenol-d6	5.37	99	164117	18.19	ng	-0.02
23) Nitrobenzene-d5	6.40	82	474582	56.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	80801	44.28	ng	0.00
44) 2-Fluorobiphenyl	8.57	172	914153	57.66	ng	-0.02
78) Terphenyl-d14	13.20	244	597587	43.75	ng	0.00
Target Compounds						
10) Phenol	5.39	94	144572	13.04	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	6.40	70	62792	10.50	ng	# 76
49) Dimethylphthalate	9.07	163	295895	17.02	ng	98

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

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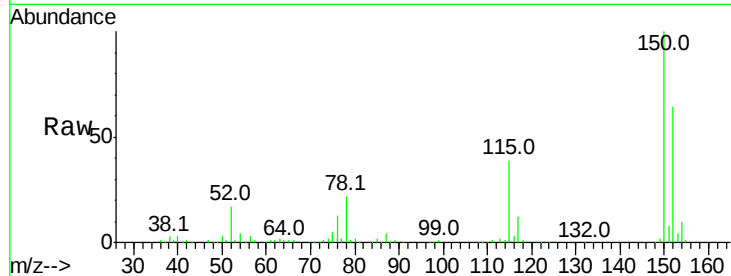


#1

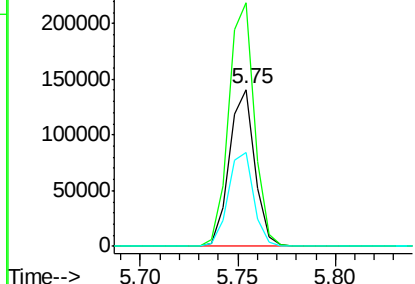
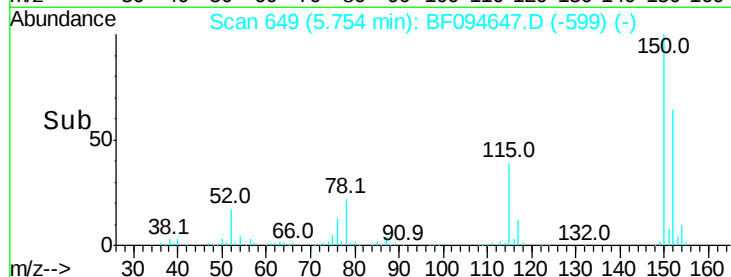
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094647.D
Acq: 26 Apr 2017 15:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 126996
Ion Ratio Lower Upper
152 100
150 155.2 126.2 189.2
115 59.9 52.2 78.2



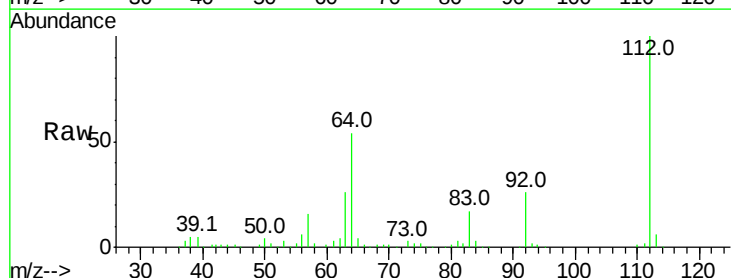
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



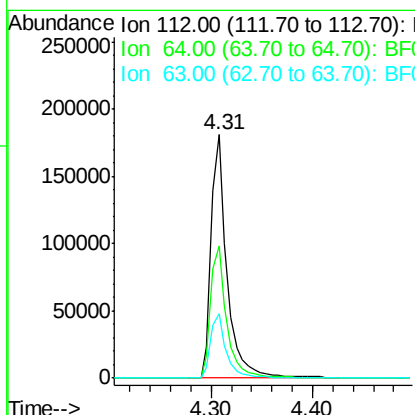
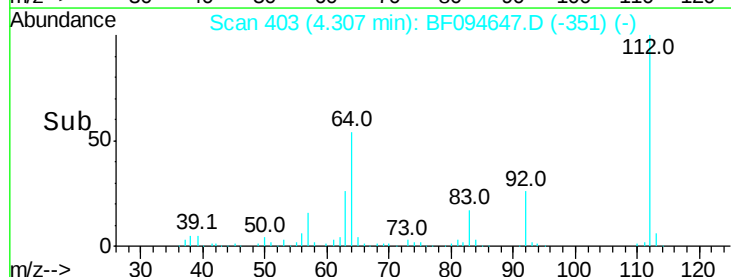
#5

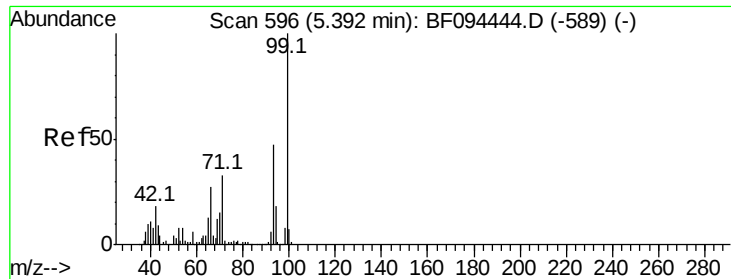
2-Fluorophenol
Concen: 25.93 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094647.D
Acq: 26 Apr 2017 15:25

Tgt Ion:112 Resp: 198468
Ion Ratio Lower Upper
112 100
64 54.5 46.0 69.0
63 26.5 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: 18.19 ng

RT: 5.37 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF094647.D

Acq: 26 Apr 2017 15:25

Instrument :

BNA_F

ClientSampled :

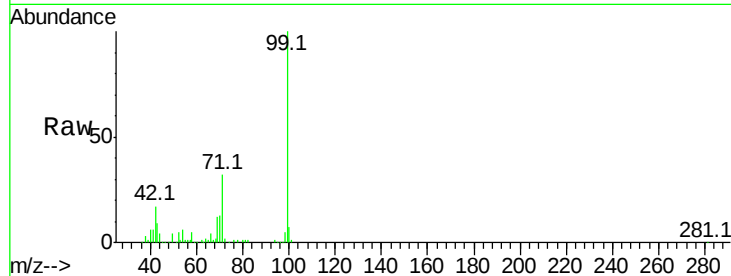
Tot Ion: 99 Resp: 164117

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

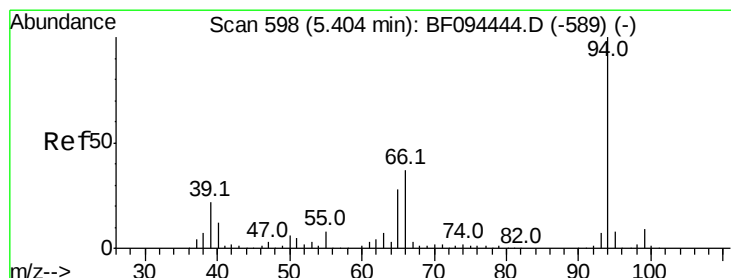
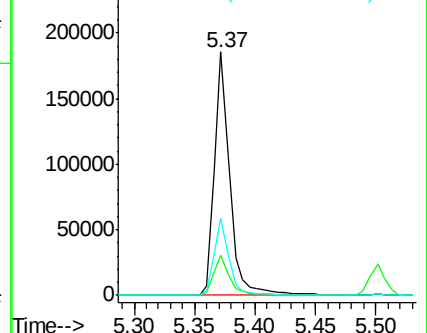
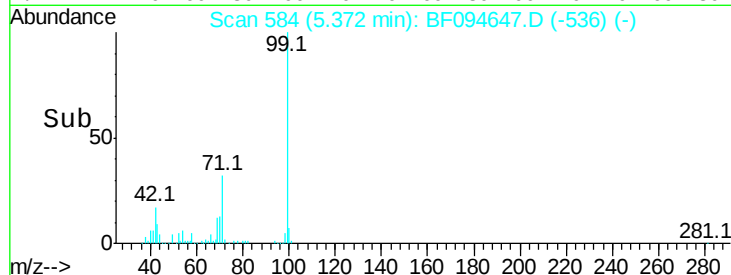
71 31.6 24.5 36.7



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



#10

Phenol

Concen: 13.04 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF094647.D

Acq: 26 Apr 2017 15:25

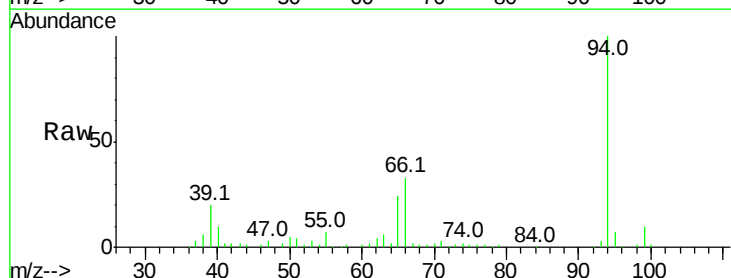
Tgt Ion: 94 Resp: 144572

Ion Ratio Lower Upper

94 100

65 24.3 9.9 49.9

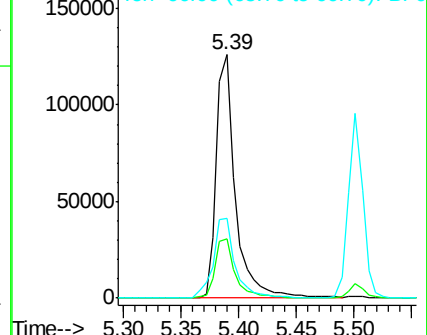
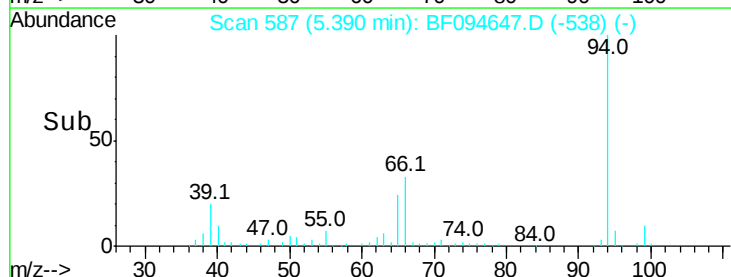
66 32.6 23.1 63.1

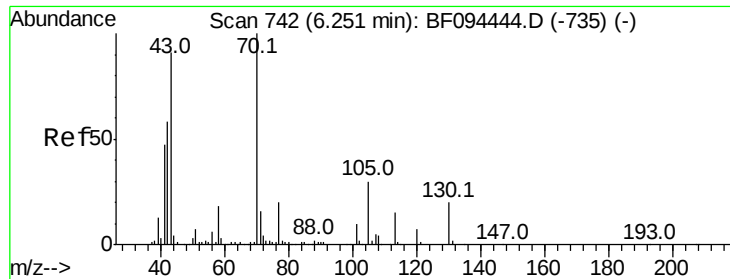


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

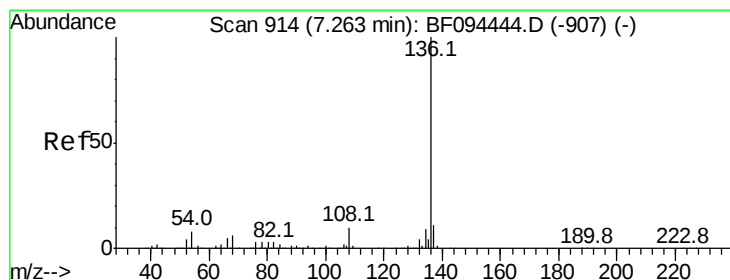
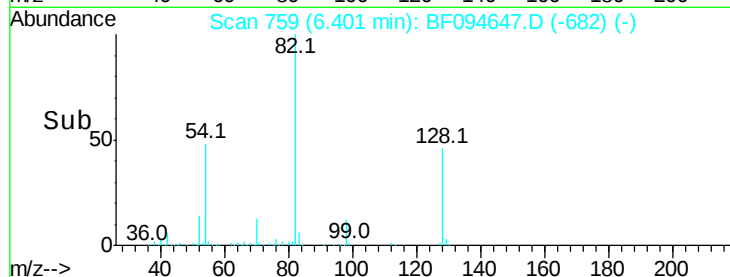
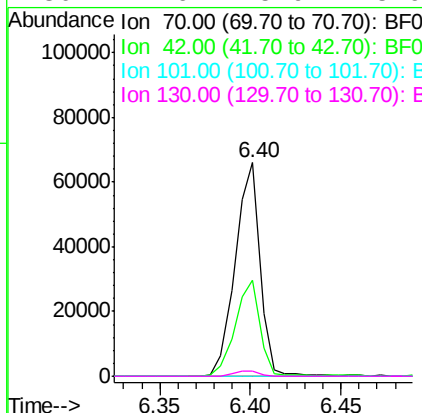
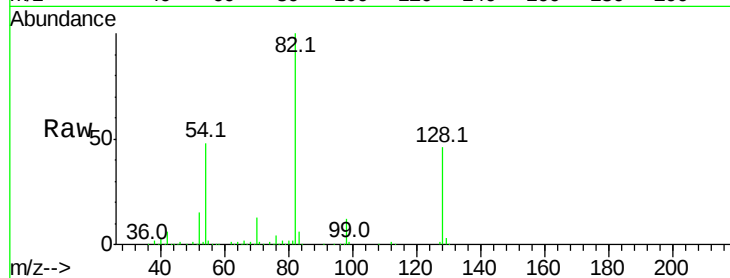




#19
n-Nitroso-di-n-propylamine
Concen: 10.50 ng
RT: 6.40 min Scan# 759
Delta R.T. 0.15 min
Lab File: BF094647.D
Acq: 26 Apr 2017 15:25

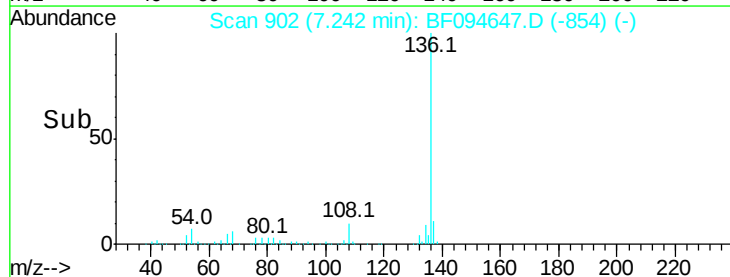
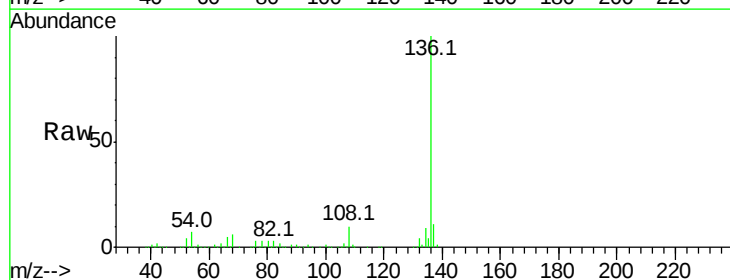
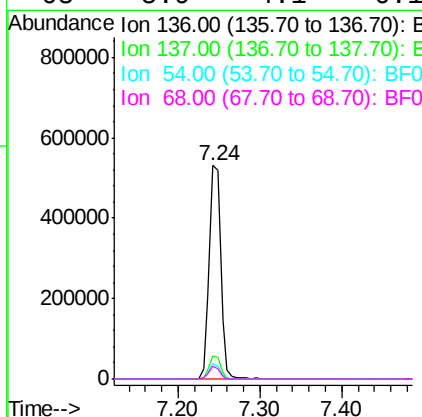
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 62792
Ion Ratio Lower Upper
70 100
42 44.9 47.2 70.8#
101 0.0 7.2 10.8#
130 2.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.24 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF094647.D
Acq: 26 Apr 2017 15:25

Tgt Ion:136 Resp: 522108
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 7.5 4.9 7.3#
68 5.9 4.1 6.1

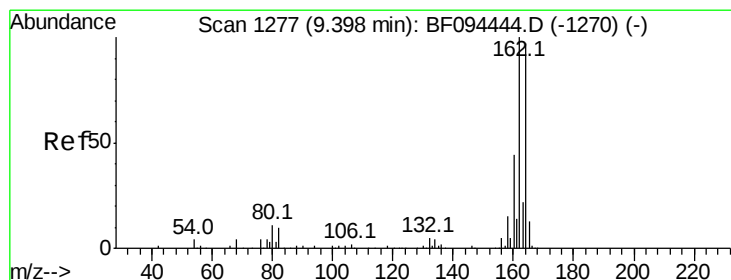
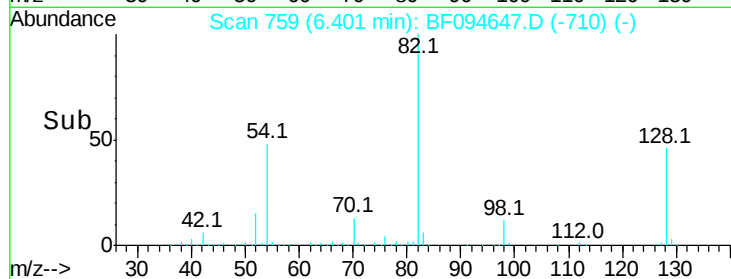
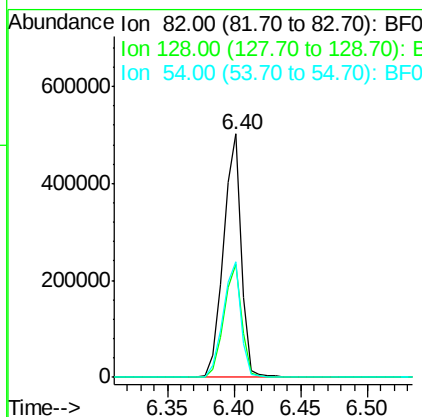
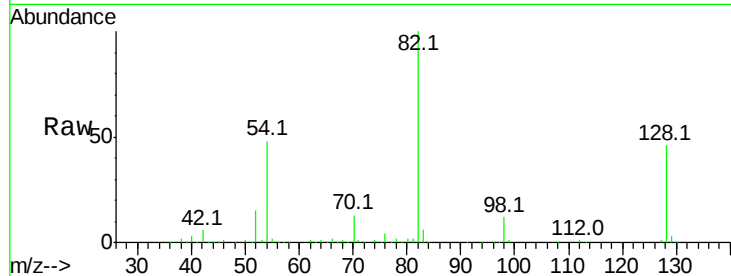




#23
 Nitrobenzene-d5
 Concen: 56.13 ng
 RT: 6.40 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: BF094647.D
 Acq: 26 Apr 2017 15:25

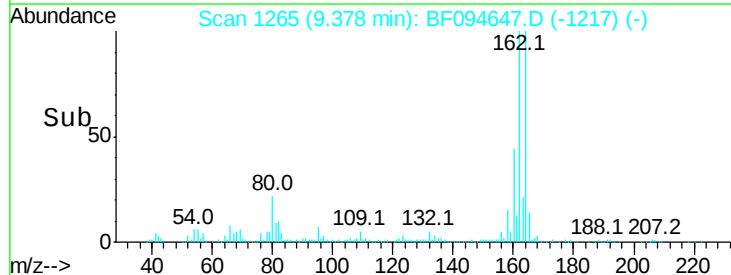
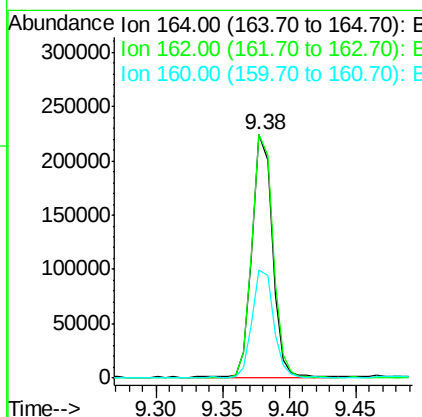
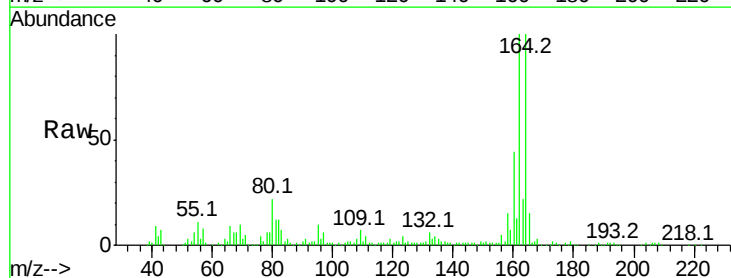
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	474582
Ion Ratio	Lower	Upper	
82	100		
128	46.3	34.0	51.0
54	47.7	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094647.D
 Acq: 26 Apr 2017 15:25

Tgt Ion	164	Resp	233277
Ion Ratio	Lower	Upper	
164	100		
162	99.9	82.6	123.8
160	44.1	36.2	54.2

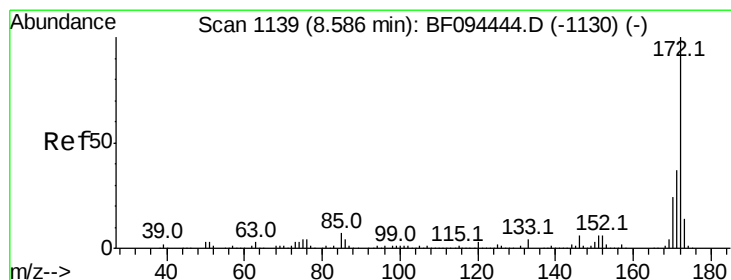
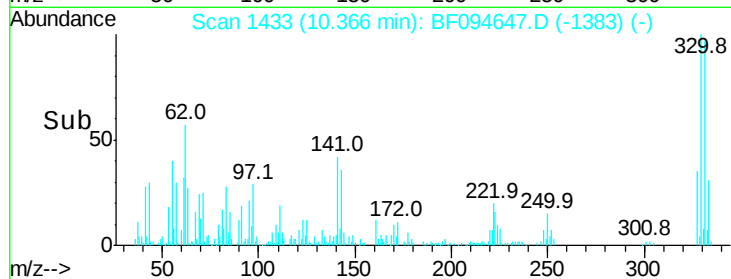
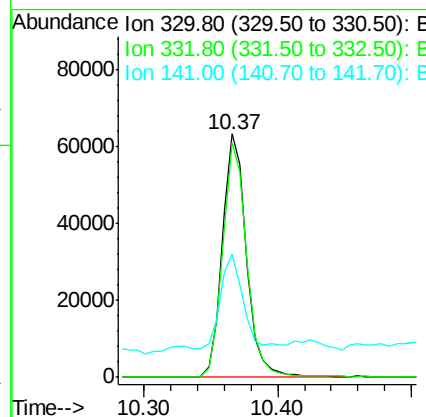
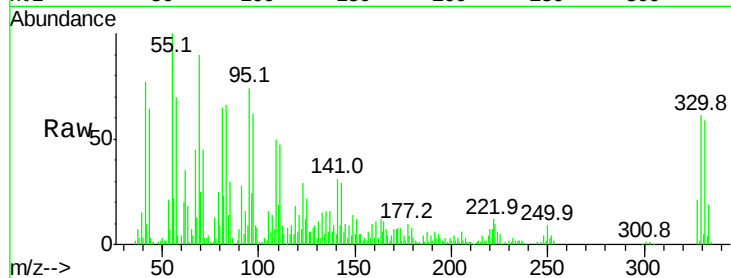




#41
 2,4,6-Tribromophenol
 Concen: 44.28 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094647.D
 Acq: 26 Apr 2017 15:25

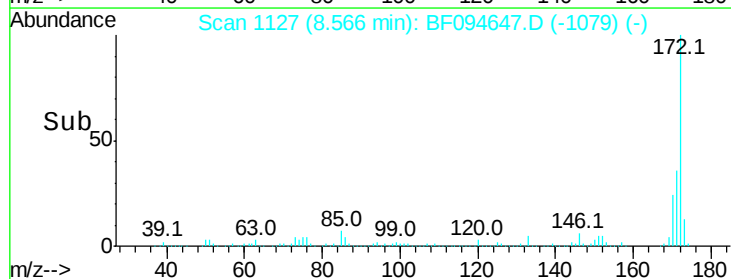
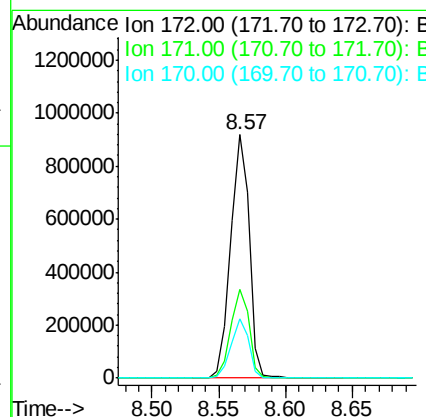
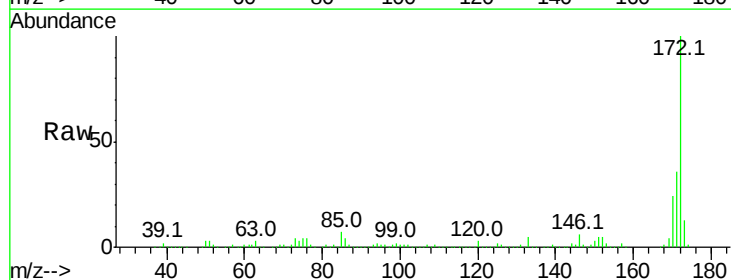
Instrument :
 BNA_F
 ClientSampleId :

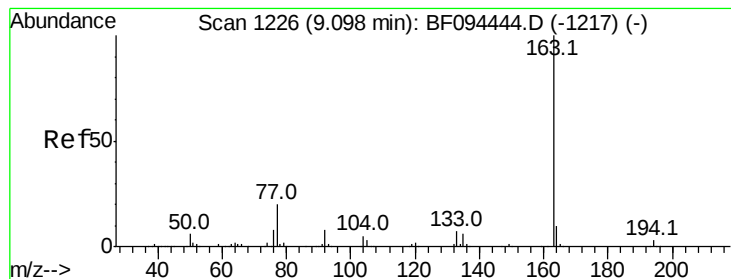
Tot Ion:330 Resp: 80801
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 37.6 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 57.66 ng
 RT: 8.57 min Scan# 1127
 Delta R.T. -0.02 min
 Lab File: BF094647.D
 Acq: 26 Apr 2017 15:25

Tgt Ion:172 Resp: 914153
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.2 19.8 29.8





#49

Dimethylphthalate

Concen: 17.02 ng

RT: 9.07 min Scan# 1212

Delta R.T. -0.03 min

Lab File: BF094647.D

Acq: 26 Apr 2017 15:25

Instrument :

BNA_F

ClientSampleId :

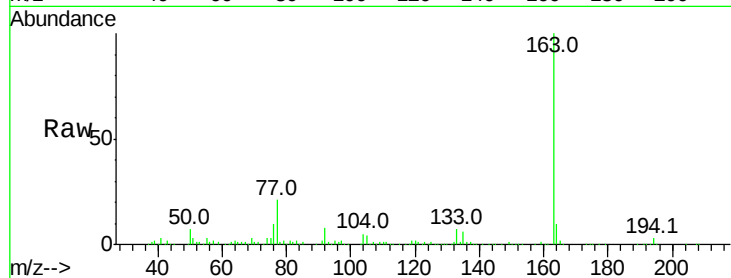
Tot Ion:163 Resp: 295895

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

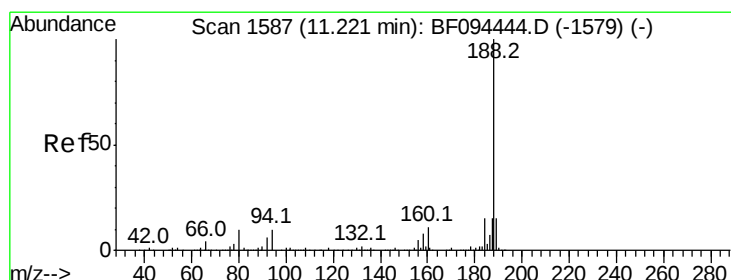
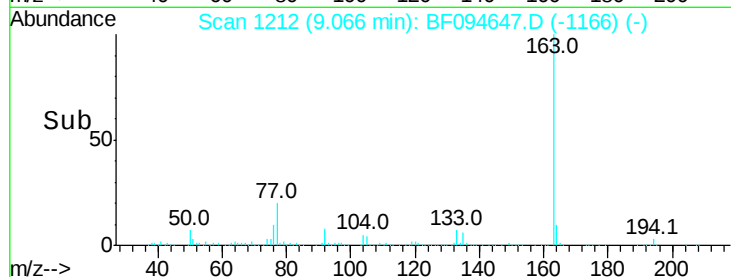
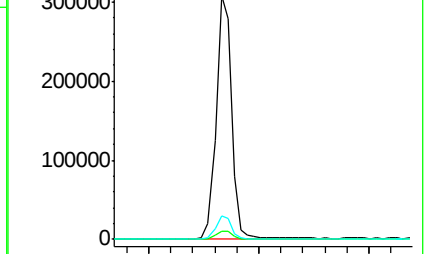
164 9.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF094647.D

Acq: 26 Apr 2017 15:25

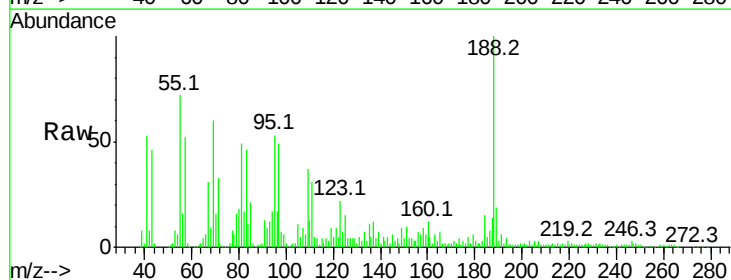
Tgt Ion:188 Resp: 327229

Ion Ratio Lower Upper

188 100

94 17.0 9.4 14.2#

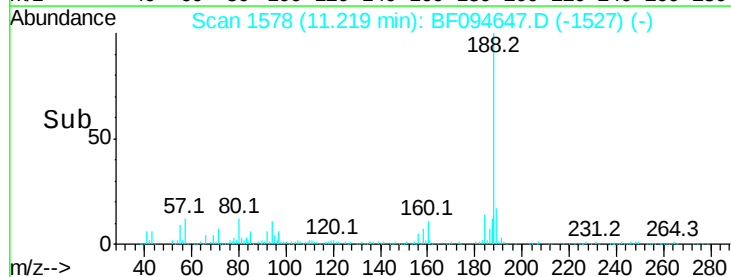
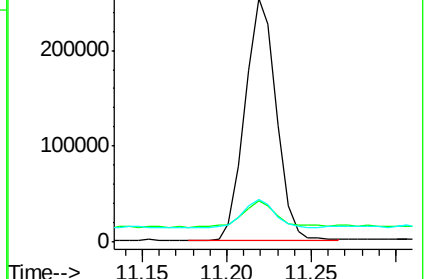
80 17.5 10.2 15.2#

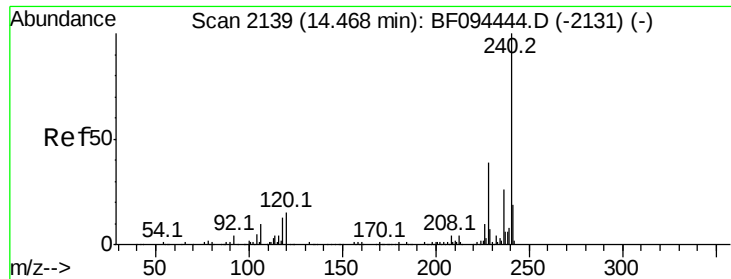


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF094647.D

Acq: 26 Apr 2017 15:25

Instrument :

BNA_F

ClientSampleId :

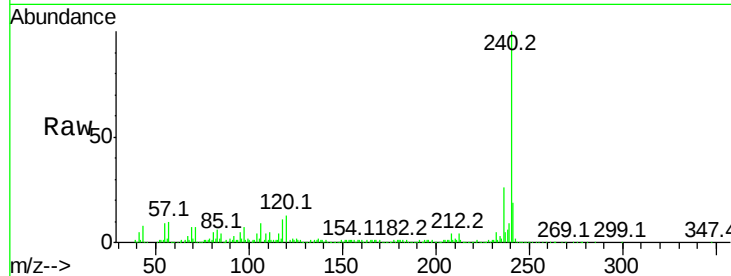
Tot Ion:240 Resp: 365070

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

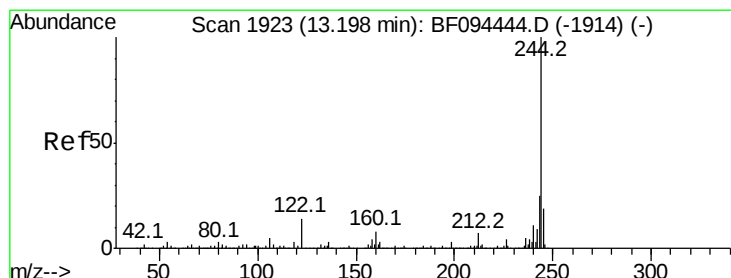
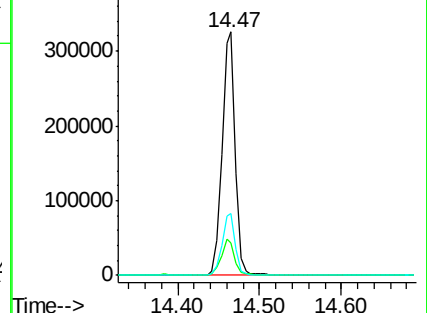
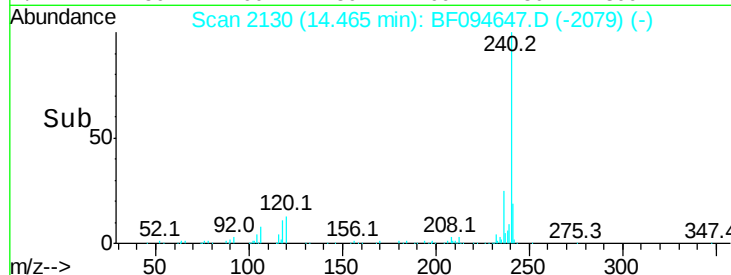
236 25.6 20.5 30.7



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: 43.75 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094647.D

Acq: 26 Apr 2017 15:25

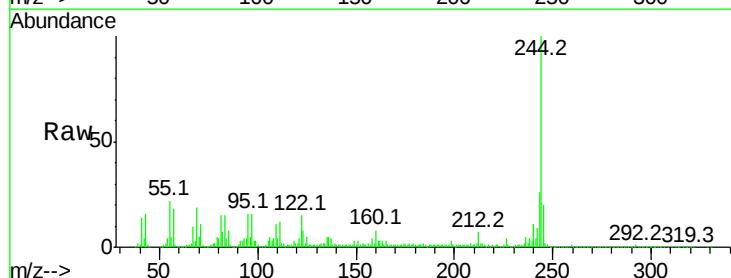
Tgt Ion:244 Resp: 597587

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

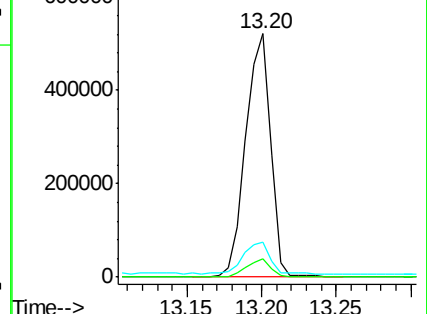
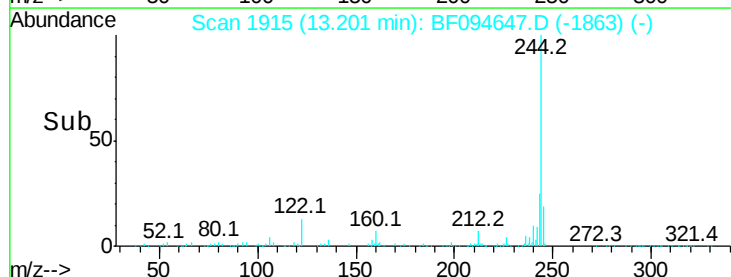
122 14.5 10.3 15.5

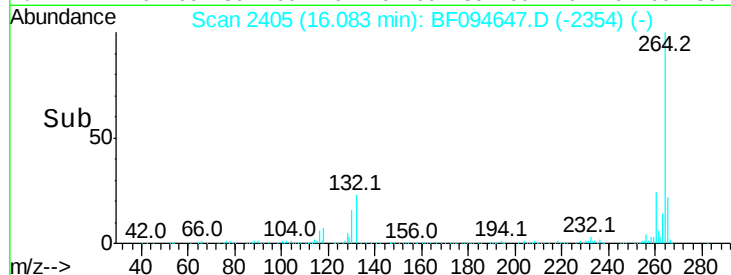
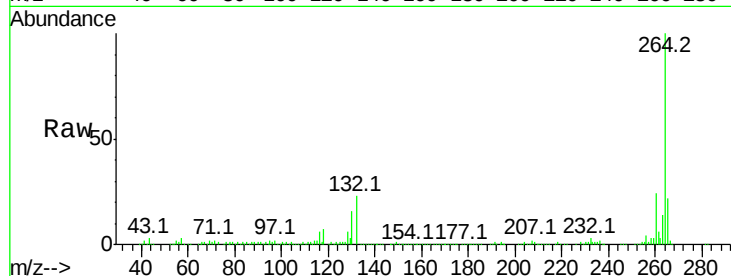
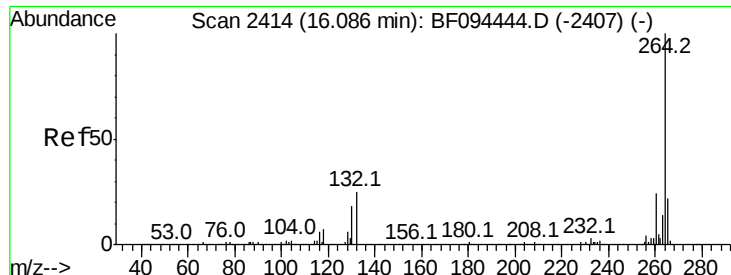


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF094647.D
 Acq: 26 Apr 2017 15:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	261121
Ion Ratio	Lower	Upper
264	100	
260	23.9	19.5 29.3
265	22.2	17.2 25.8

