

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
 Data File : BF101456.D
 Acq On : 15 Dec 2017 21:15
 Operator : SJ/JU
 Sample : I6744-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PROS-3-E(13-14)

Quant Time: Dec 15 22:42:08 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

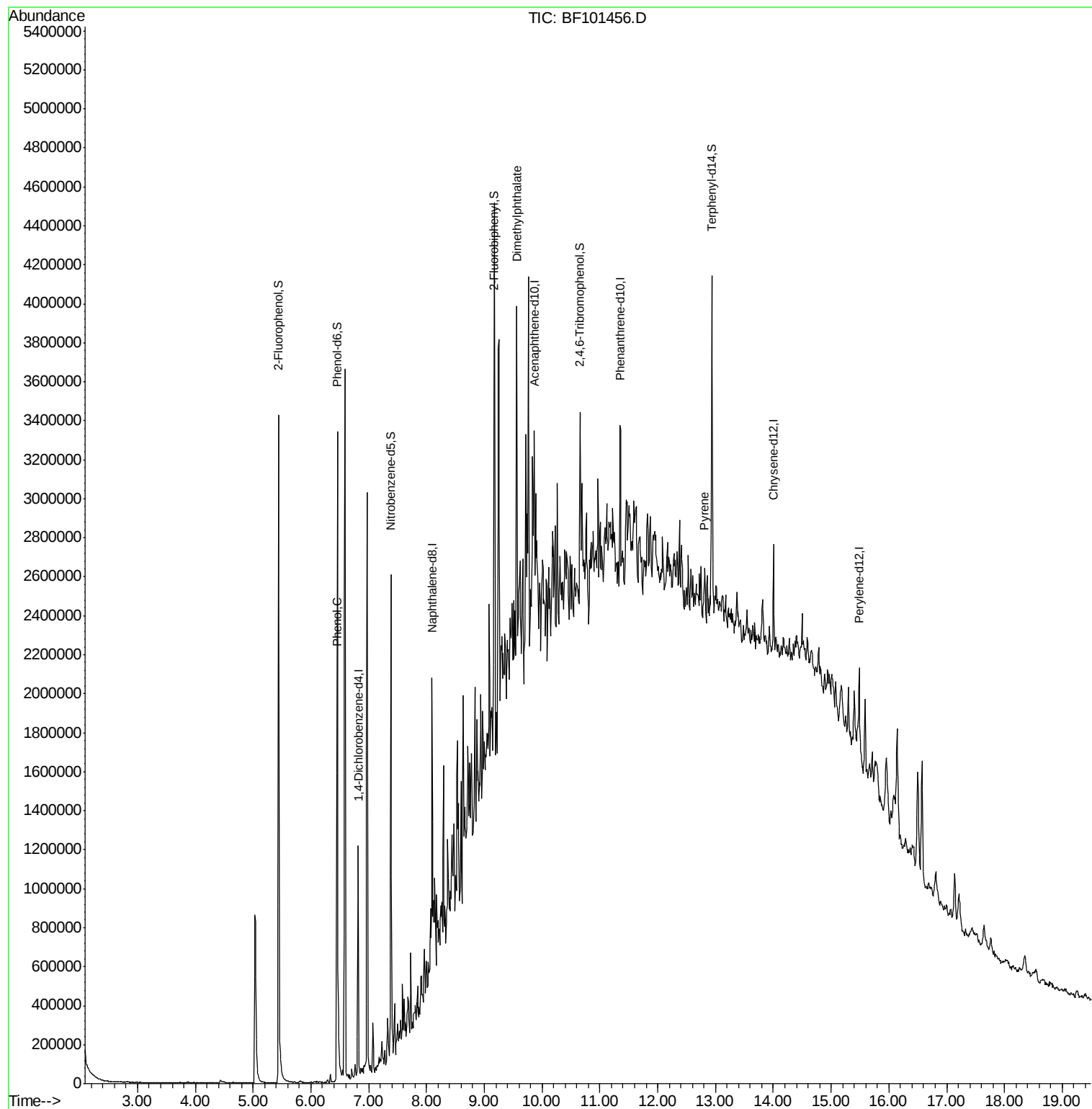
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	169396	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	623707	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	221432	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	344737	20.00	ng	0.01
75) Chrysene-d12	14.00	240	268471	20.00	ng	0.00
86) Perylene-d12	15.49	264	251817	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1140744	100.31	ng	0.01
7) Phenol-d6	6.46	99	1411089	99.70	ng	0.00
23) Nitrobenzene-d5	7.39	82	857564	76.54	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	229360	107.50	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1207303	84.58	ng	0.00
78) Terphenyl-d14	12.94	244	861642	77.37	ng	0.00
Target Compounds						
10) Phenol	6.47	94	50221	3.113	ng	94
49) Dimethylphthalate	9.57	163	102502	5.755	ng	# 86
77) Pyrene	12.80	202	40481	2.009	ng	# 72

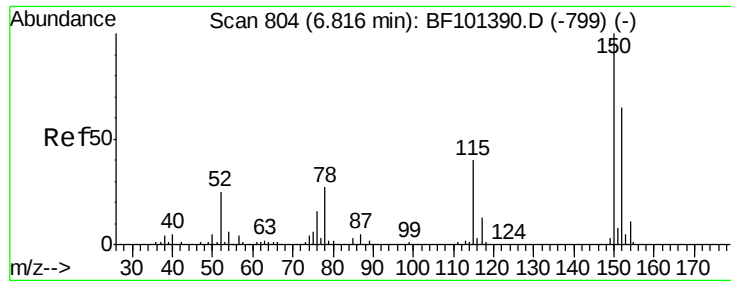
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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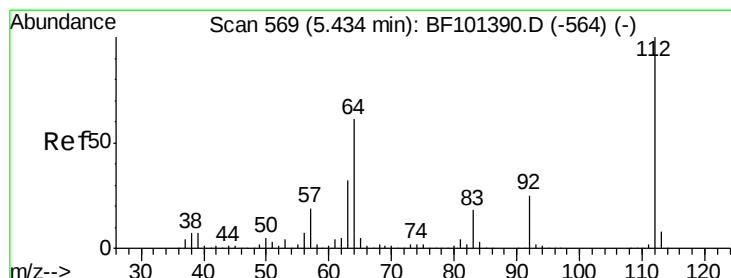
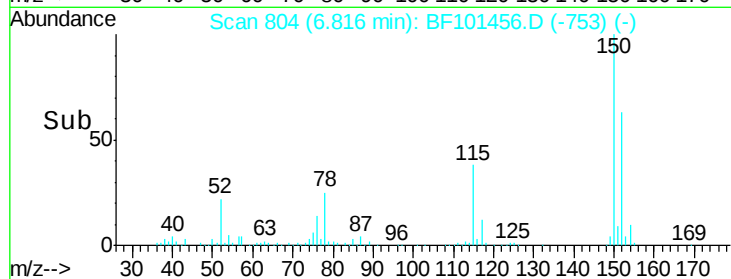
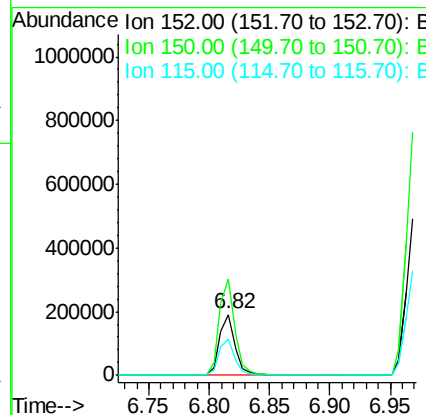
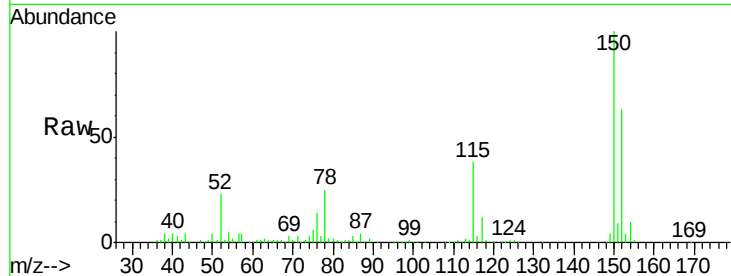


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101456.D
Acq: 15 Dec 2017 21:15

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(13-14)

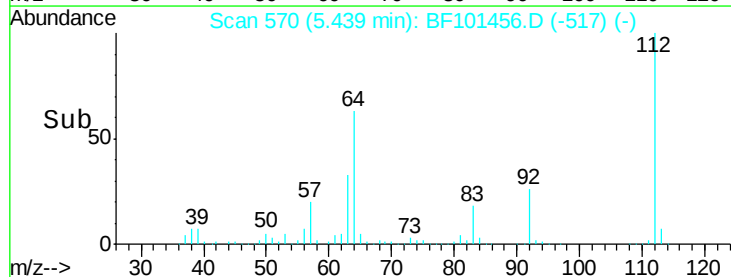
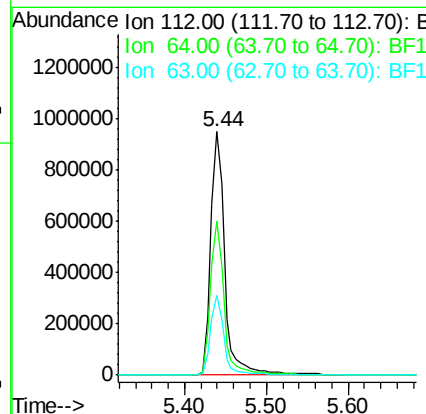
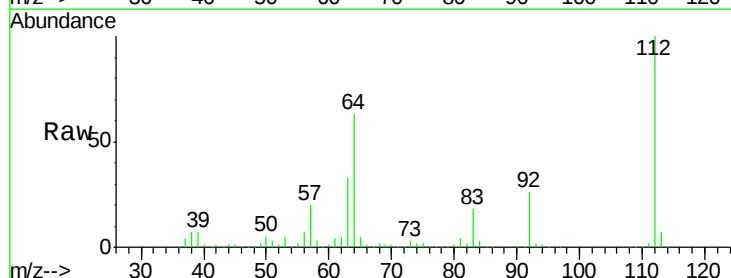
Tgt Ion:152 Resp: 169396
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 60.4 50.1 75.1

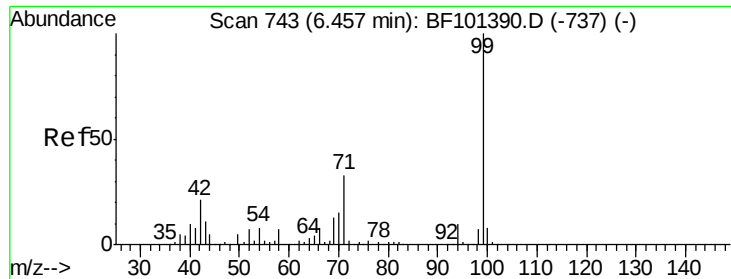


#5

2-Fluorophenol
Concen: 100.311 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF101456.D
Acq: 15 Dec 2017 21:15

Tgt Ion:112 Resp: 1140744
Ion Ratio Lower Upper
112 100
64 63.1 47.9 71.9
63 32.8 23.7 35.5





#7

Phenol-d6

Concen: 99.703 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF101456.D

Acq: 15 Dec 2017 21:15

Instrument :

BNA_F

ClientSampleId :

PROS-3-E(13-14)

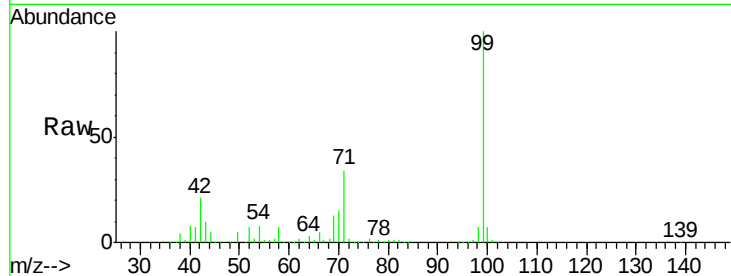
Tgt Ion: 99 Resp: 1411089

Ion Ratio Lower Upper

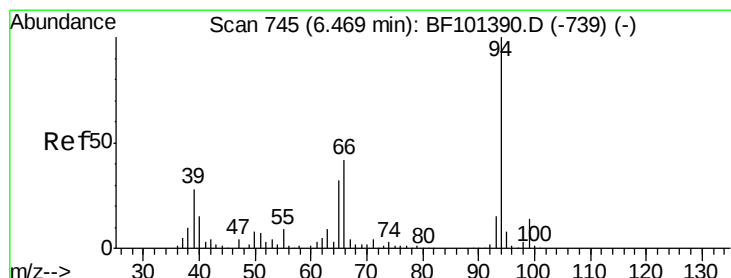
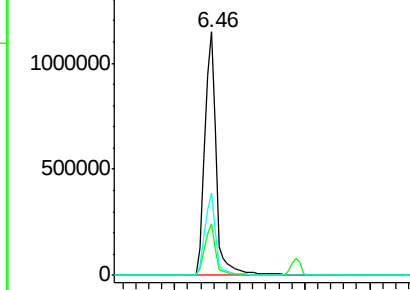
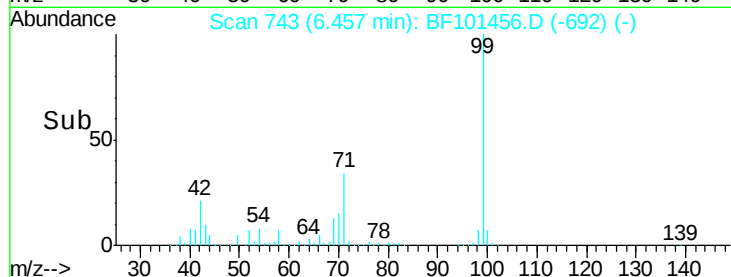
99 100

42 21.1 14.5 21.7

71 33.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.113 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF101456.D

Acq: 15 Dec 2017 21:15

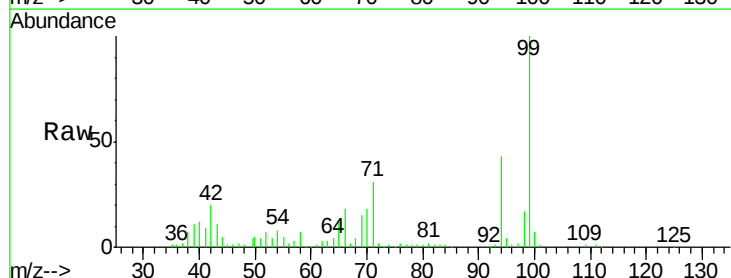
Tgt Ion: 94 Resp: 50221

Ion Ratio Lower Upper

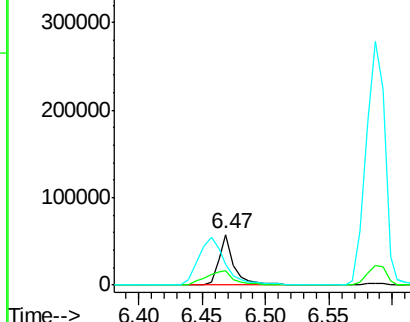
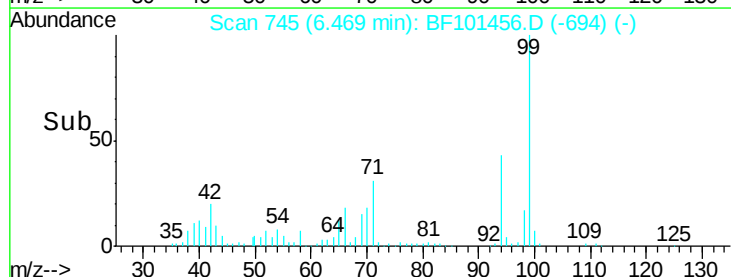
94 100

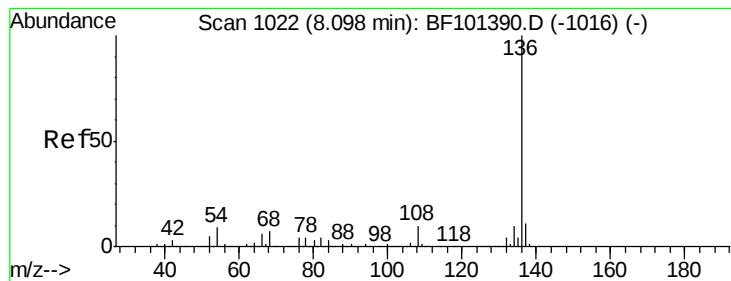
65 28.8 7.9 47.9

66 42.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF101456.D

Acq: 15 Dec 2017 21:15

Instrument :

BNA_F

ClientSampleId :

PROS-3-E(13-14)

Tgt Ion: 136 Resp: 623707

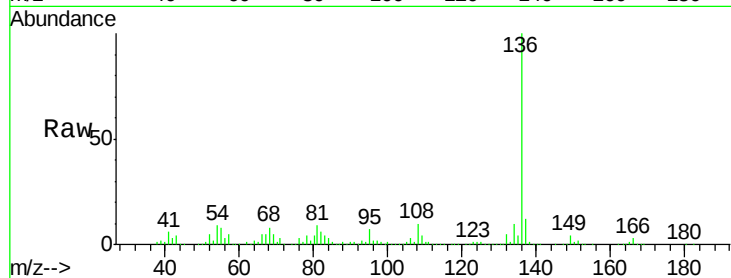
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.5 6.6 9.8

68 8.0 5.0 7.4#

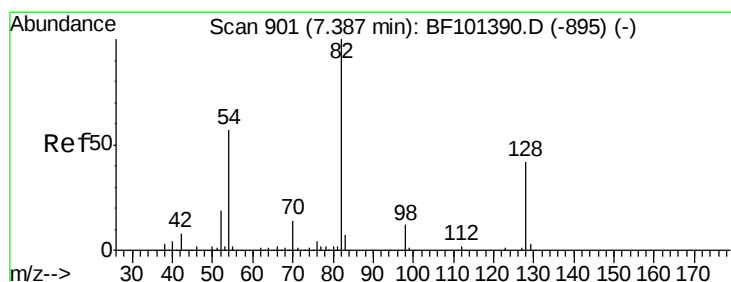
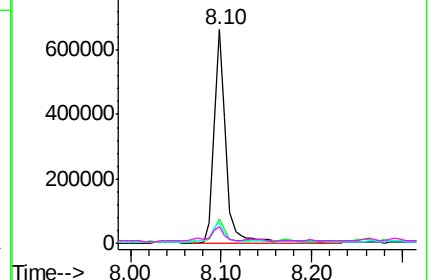
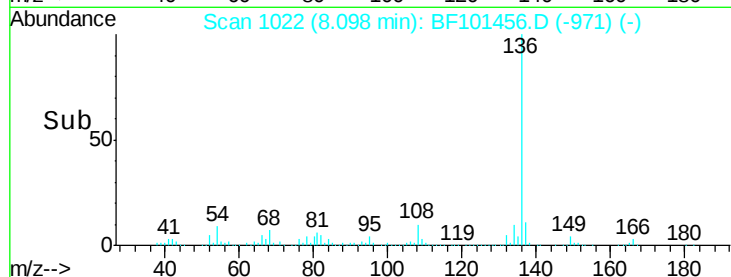


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 76.538 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF101456.D

Acq: 15 Dec 2017 21:15

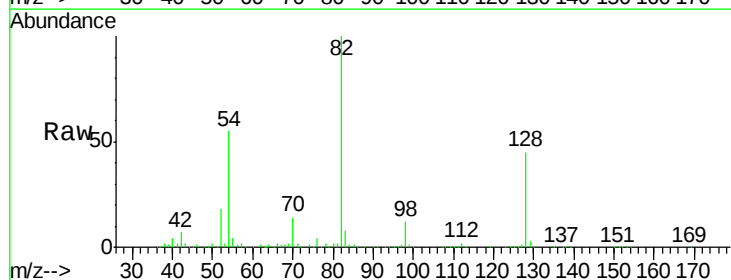
Tgt Ion: 82 Resp: 857564

Ion Ratio Lower Upper

82 100

128 44.8 36.1 54.1

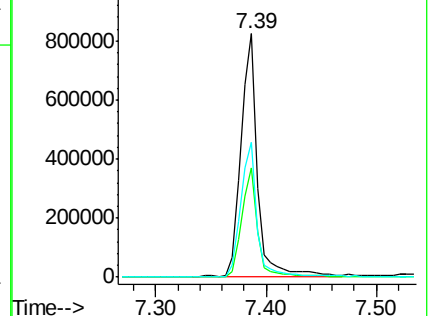
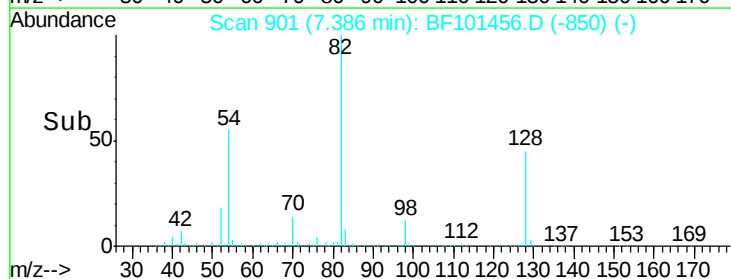
54 55.3 41.4 62.2

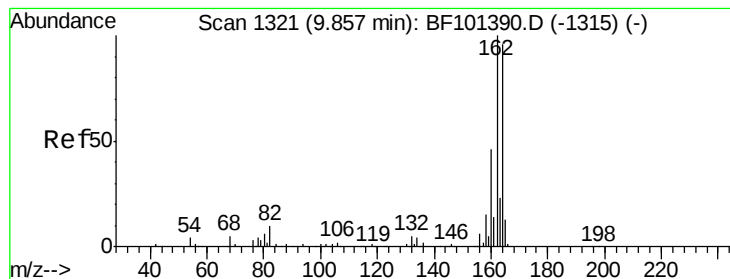


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF101456.D

Acq: 15 Dec 2017 21:15

Instrument :

BNA_F

ClientSampleId :

PROS-3-E(13-14)

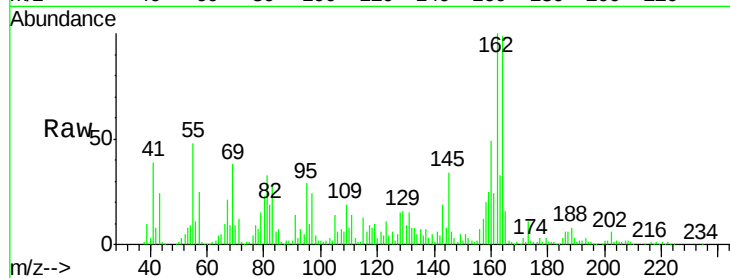
Tgt Ion:164 Resp: 221432

Ion Ratio Lower Upper

164 100

162 100.5 86.1 129.1

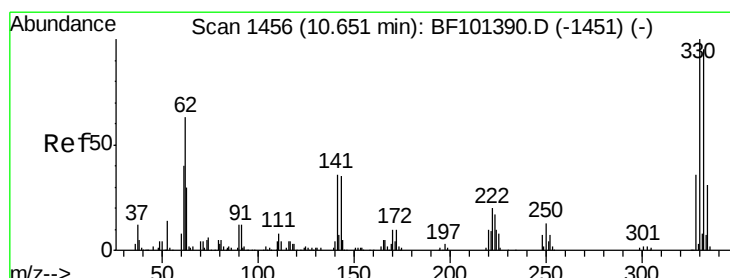
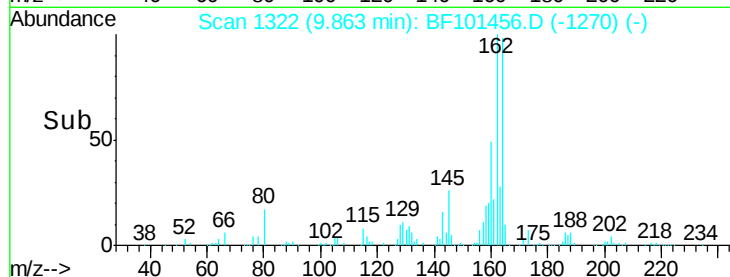
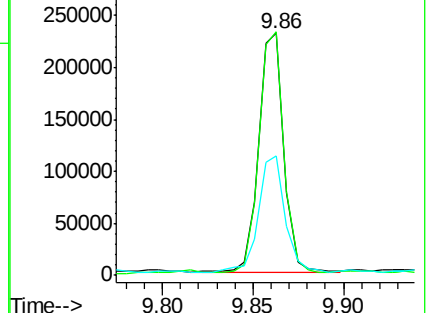
160 49.5 38.3 57.5



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: 107.496 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.01 min

Lab File: BF101456.D

Acq: 15 Dec 2017 21:15

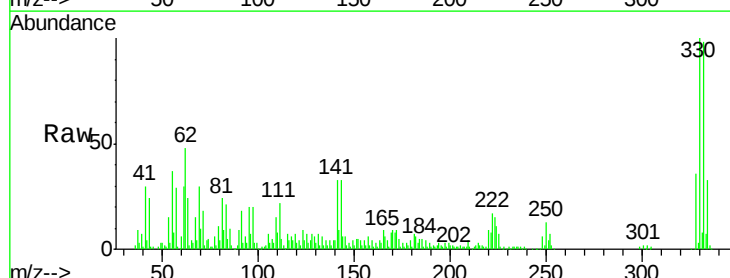
Tgt Ion:330 Resp: 229360

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

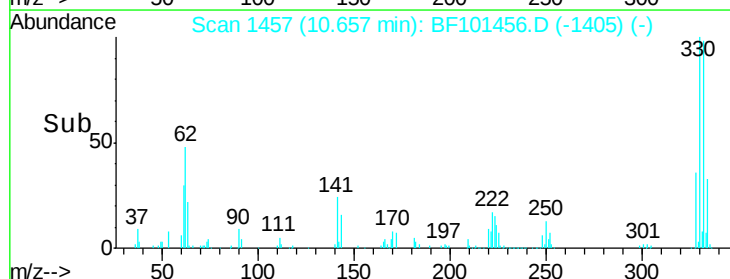
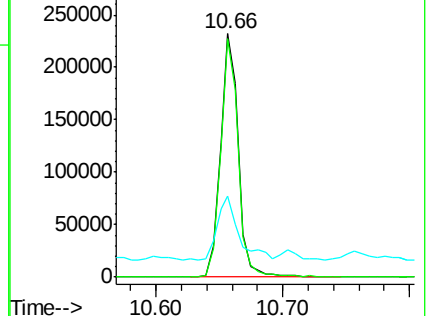
141 30.8 29.9 44.9

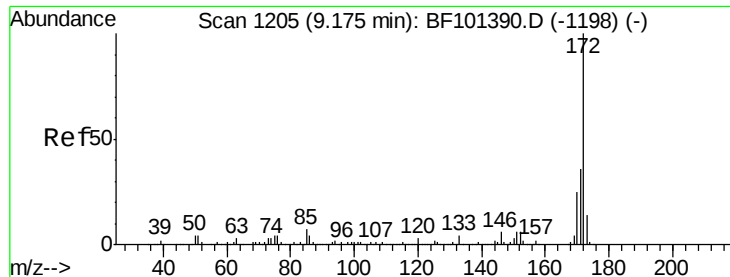


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

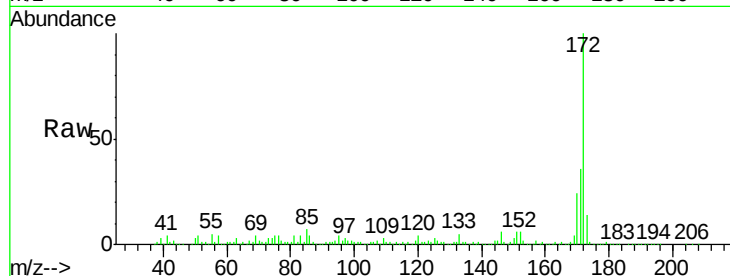




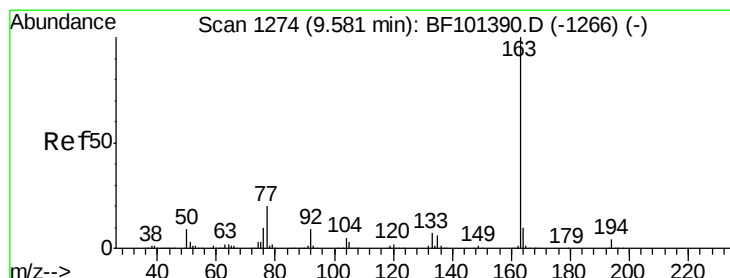
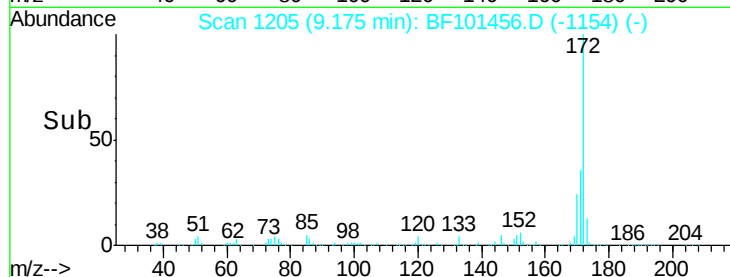
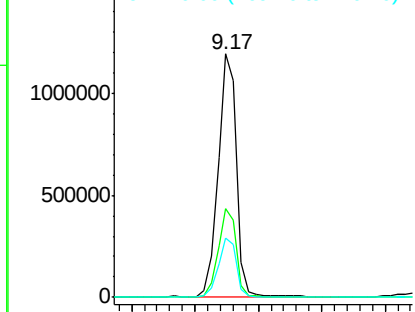
#44
2-Fluorobiphenyl
Concen: 84.578 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF101456.D
Acq: 15 Dec 2017 21:15

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(13-14)

Tgt Ion:172 Resp: 1207303
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.2 19.6 29.4

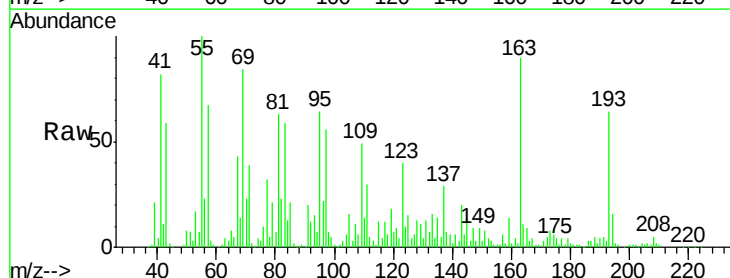


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

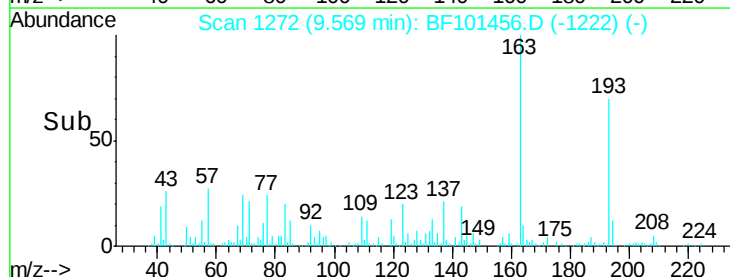
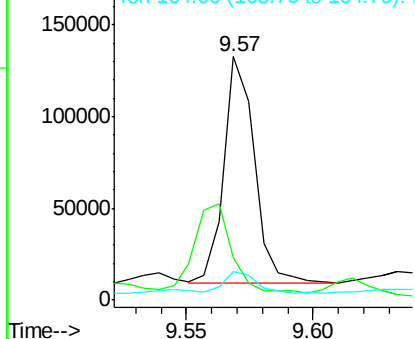


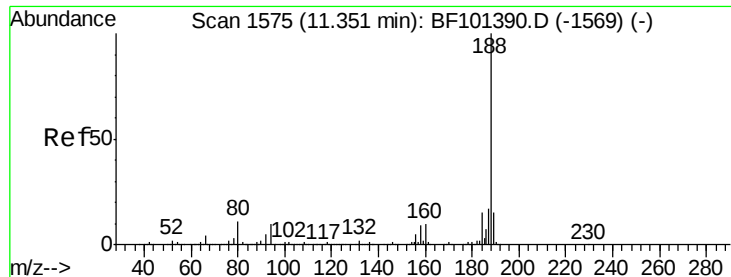
#49
Dimethylphthalate
Concen: 5.755 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF101456.D
Acq: 15 Dec 2017 21:15

Tgt Ion:163 Resp: 102502
Ion Ratio Lower Upper
163 100
194 17.4 2.7 4.1#
164 12.0 8.2 12.2



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

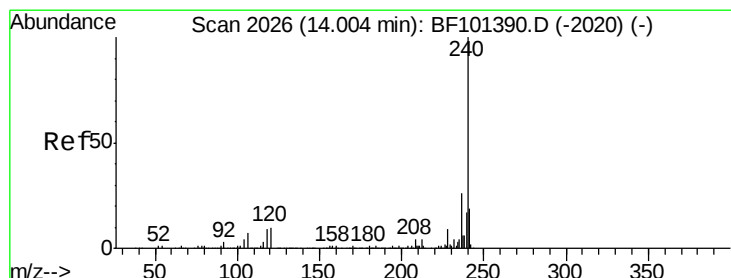
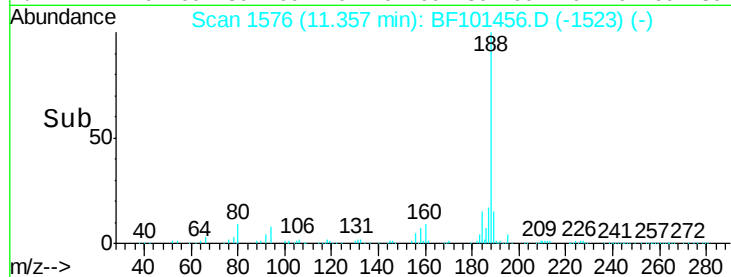
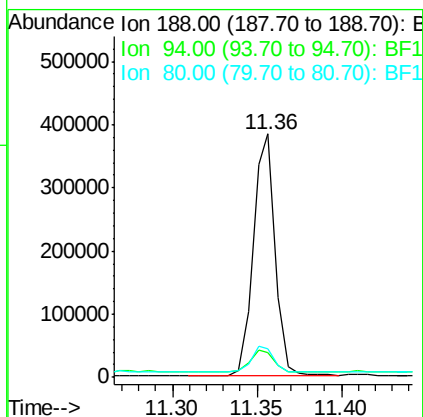
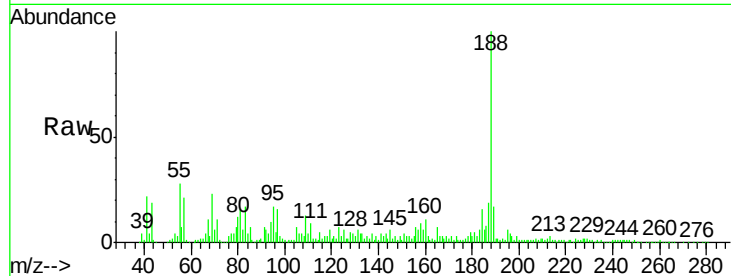




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BF101456.D
Acq: 15 Dec 2017 21:15

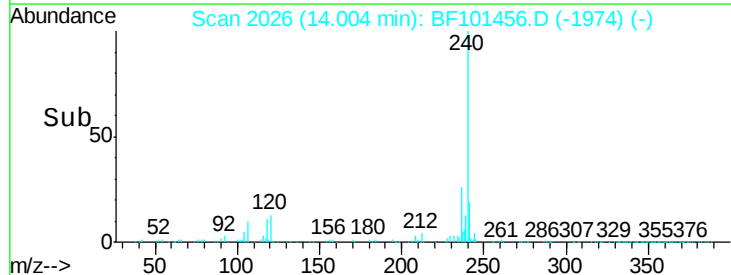
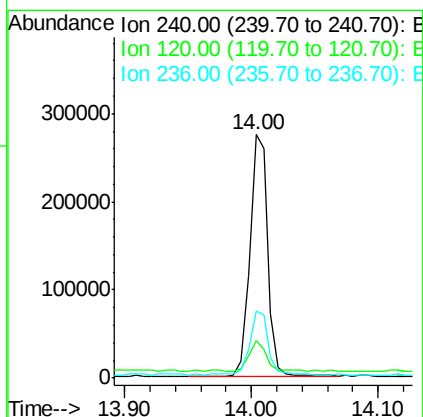
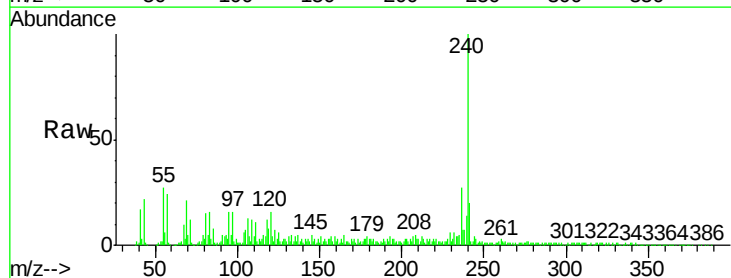
Instrument :
BNA_F
ClientSampleId :
PROS-3-E(13-14)

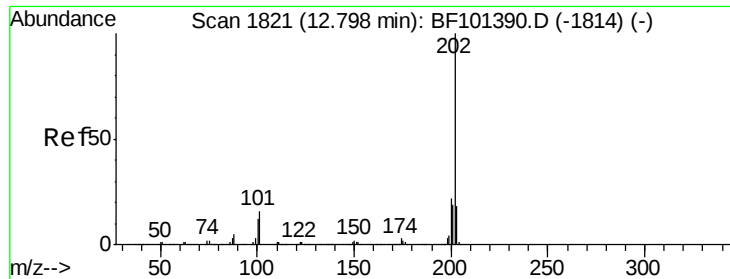
Tgt Ion:188 Resp: 344737
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF101456.D
Acq: 15 Dec 2017 21:15

Tgt Ion:240 Resp: 268471
Ion Ratio Lower Upper
240 100
120 15.6 9.5 14.3#
236 27.4 20.7 31.1

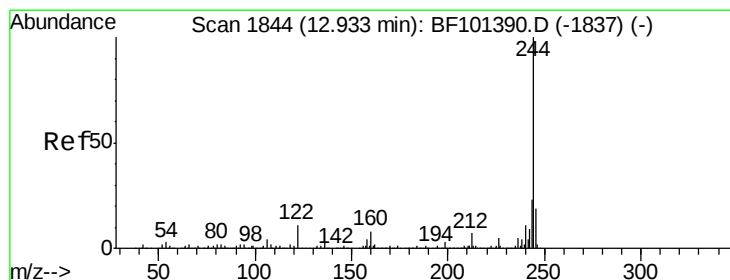
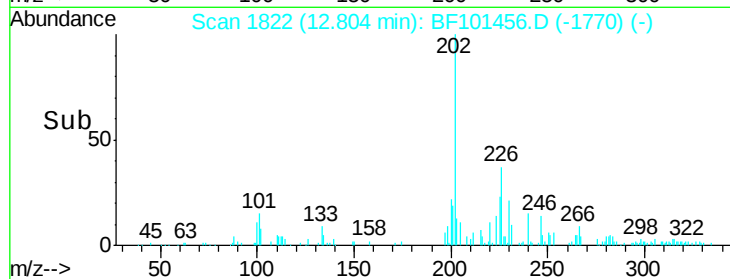
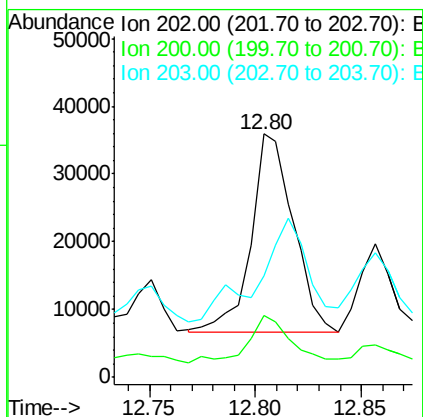
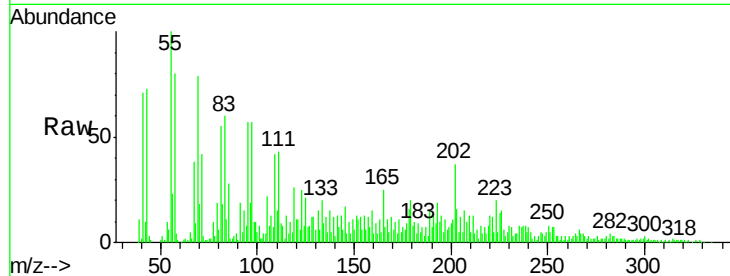




#77
 Pyrene
 Concen: 2.009 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: BF101456.D
 Acq: 15 Dec 2017 21:15

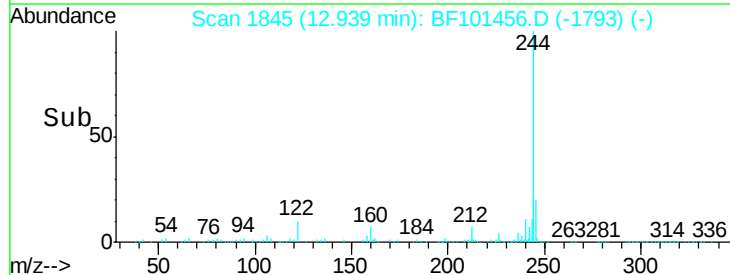
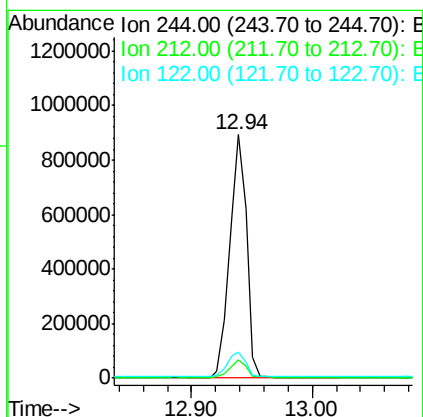
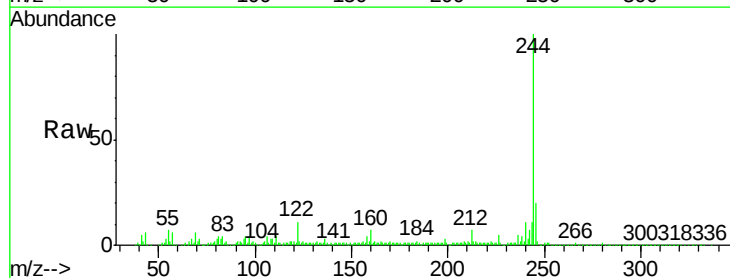
Instrument :
 BNA_F
 ClientSampleId :
 PROS-3-E(13-14)

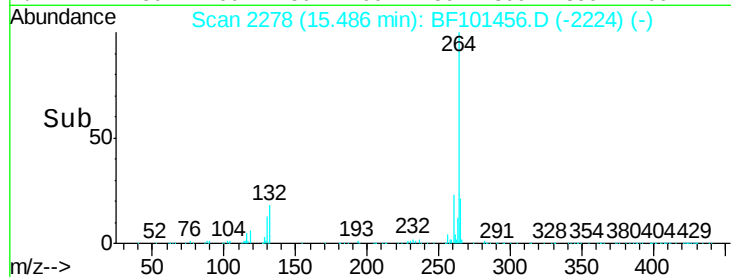
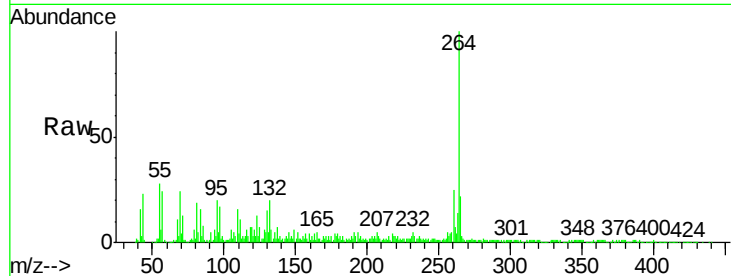
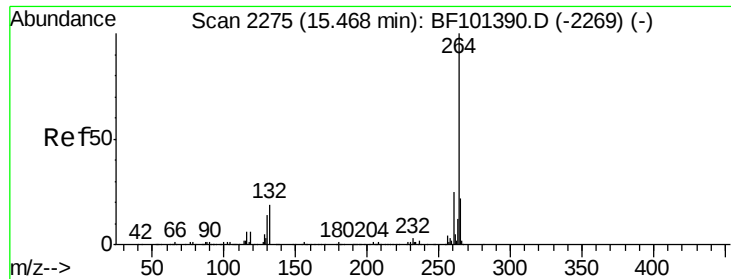
Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.1	17.4	26.2
203	41.9	14.3	21.5#



#78
 Terphenyl-d14
 Concen: 77.372 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BF101456.D
 Acq: 15 Dec 2017 21:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.6	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101456.D
Acq: 15 Dec 2017 21:15

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(13-14)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.0	17.5	26.3

