

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040819\
 Data File : BF113650.D
 Acq On : 8 Apr 2019 20:28
 Operator : JU/SJ
 Sample : K2294-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-D

Quant Time: Apr 09 01:51:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

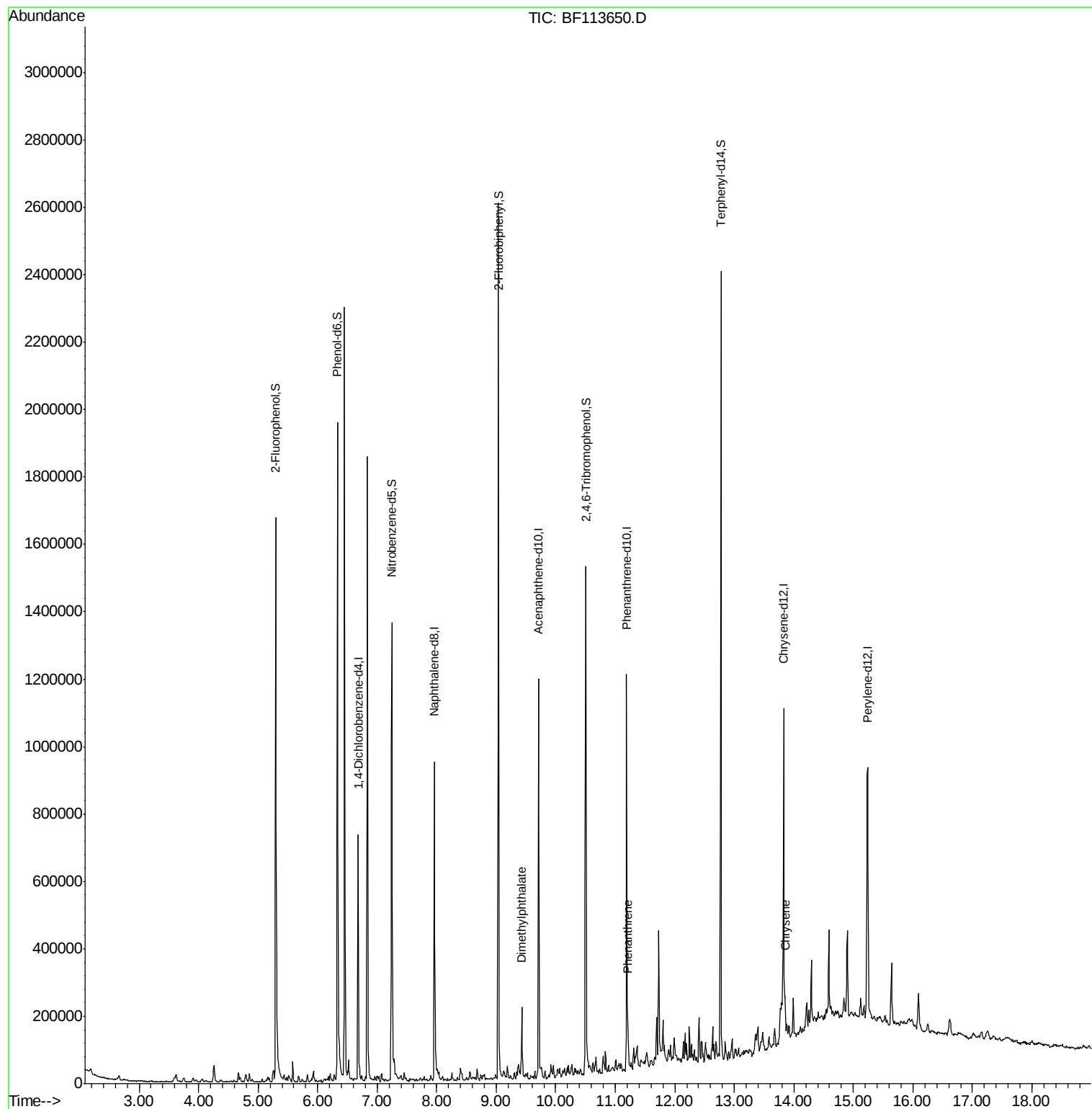
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	122530	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	467056	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	228558	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	438003	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	308094	20.00	ng	-0.02
87) Perylene-d12	15.23	264	300366	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	610490	84.96	ng	0.00
7) Phenol-d6	6.33	99	810356	91.50	ng	0.00
23) Nitrobenzene-d5	7.25	82	469705	58.91	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	232962	84.85	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	893268	62.92	ng	-0.01
79) Terphenyl-d14	12.77	244	797796	52.72	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.43	163	94681	5.620	ng	99
71) Phenanthrene	11.22	178	49859	2.291	ng	99
83) Chrysene	13.85	228	44719	2.482	ng	# 86

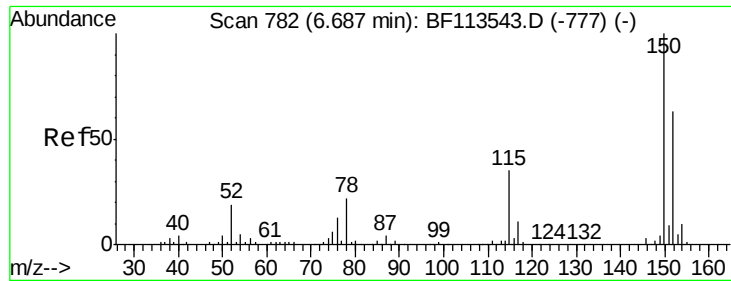
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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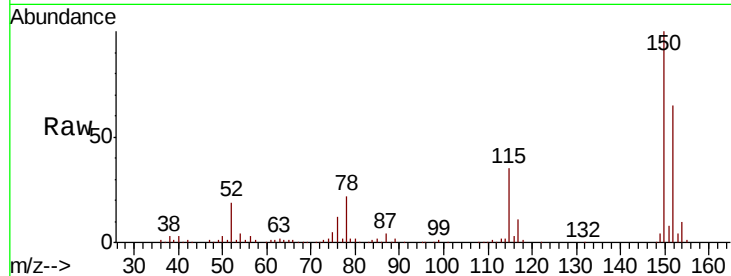


#1

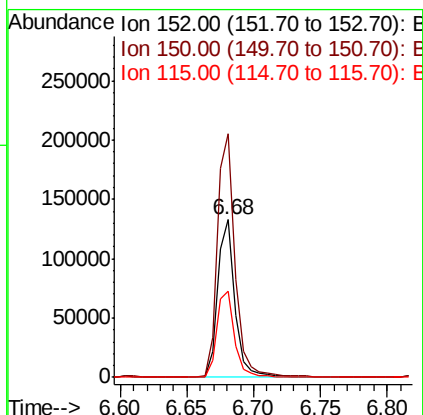
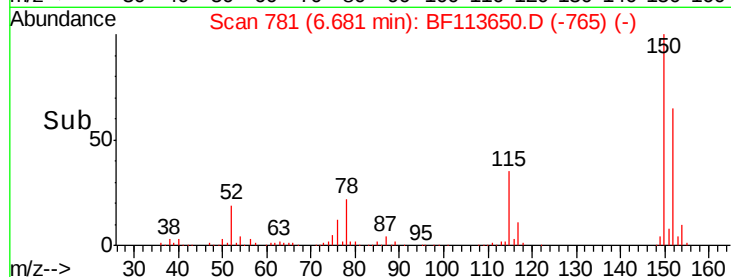
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113650.D
Acq: 8 Apr 2019 20:28

Instrument :
BNA_F
ClientSampleId :
TP-14-D

Tot Ion:152 Resp: 122530
Ion Ratio Lower Upper
152 100
150 154.7 124.7 187.1
115 54.6 46.0 69.0



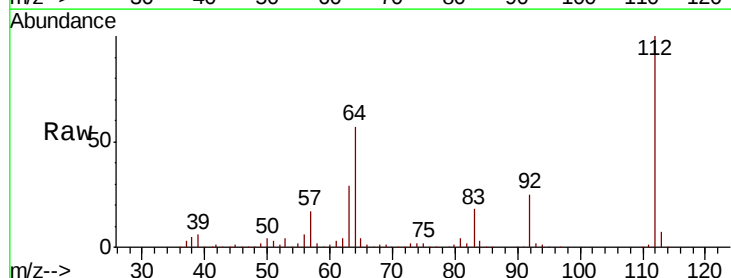
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



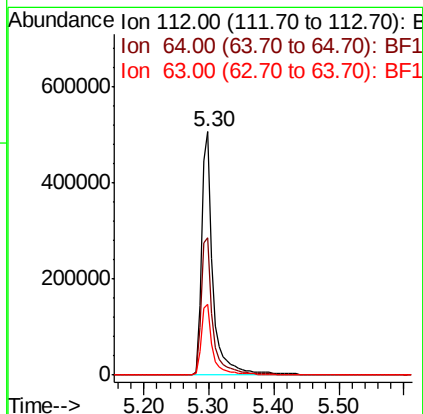
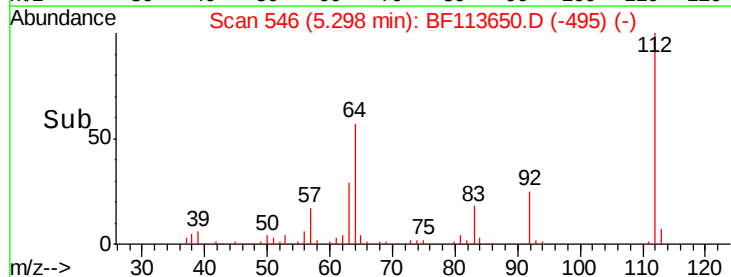
#5

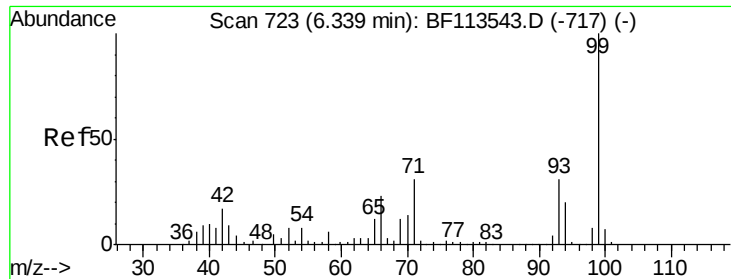
2-Fluorophenol
Concen: 84.961 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113650.D
Acq: 8 Apr 2019 20:28

Tgt Ion:112 Resp: 610490
Ion Ratio Lower Upper
112 100
64 56.6 49.2 73.8
63 29.1 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 91.501 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113650.D

Acq: 8 Apr 2019 20:28

Instrument :

BNA_F

ClientSampleId :

TP-14-D

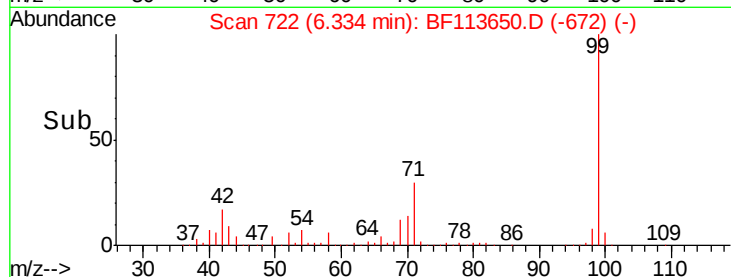
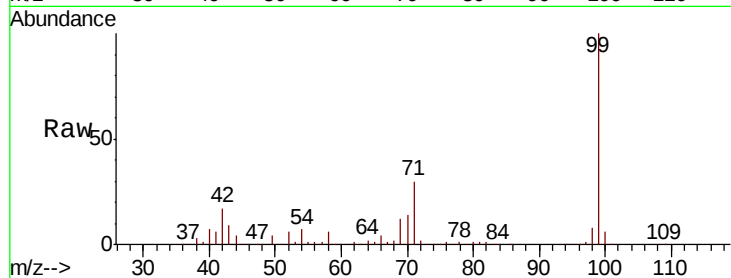
Tot Ion: 99 Resp: 810356

Ion Ratio Lower Upper

99 100

42 17.4 14.8 22.2

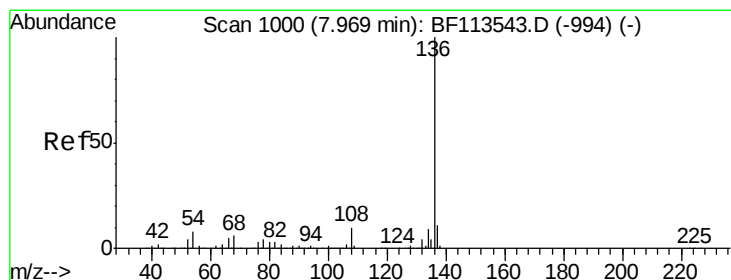
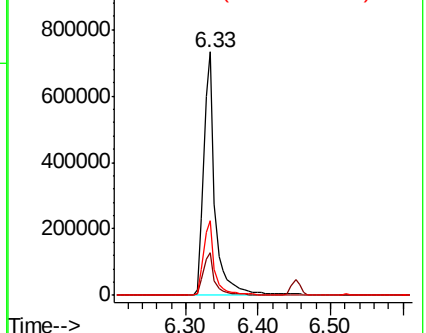
71 30.4 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113650.D

Acq: 8 Apr 2019 20:28

Tgt Ion: 136 Resp: 467056

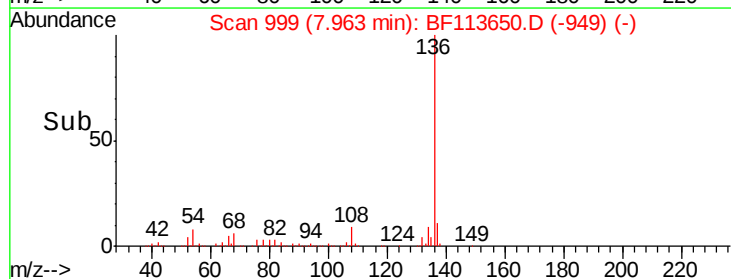
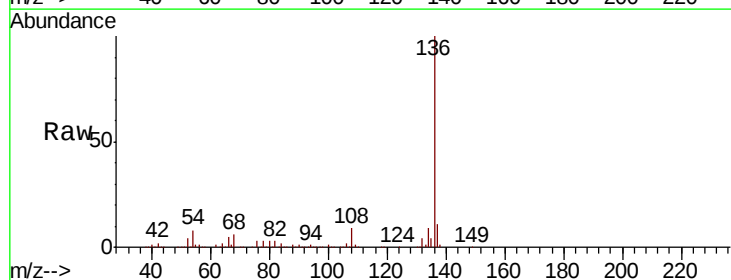
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.7 7.0 10.6

68 5.9 4.8 7.2

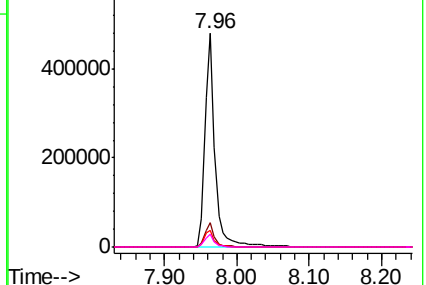


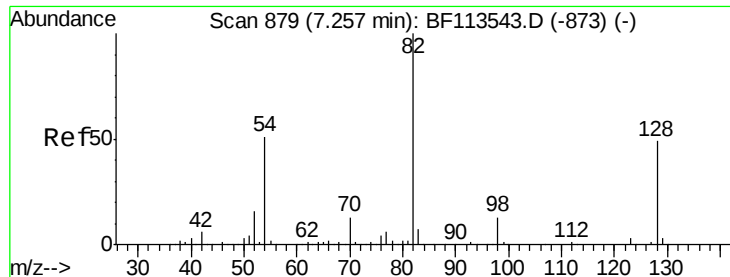
Abundance Ion 136.00 (135.70 to 136.70): E

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

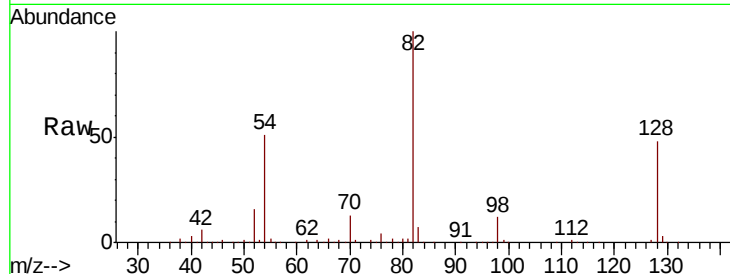




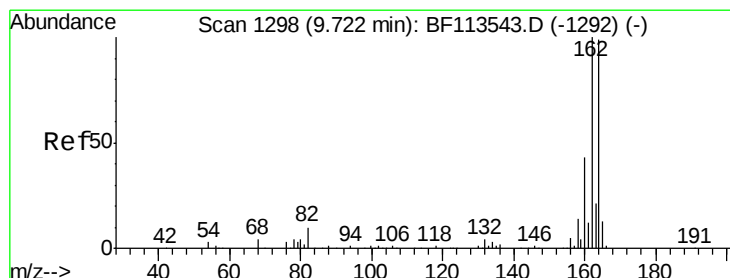
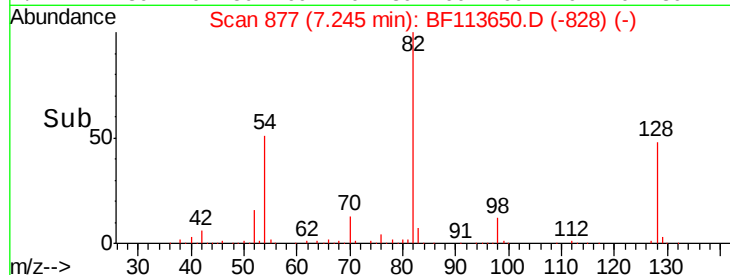
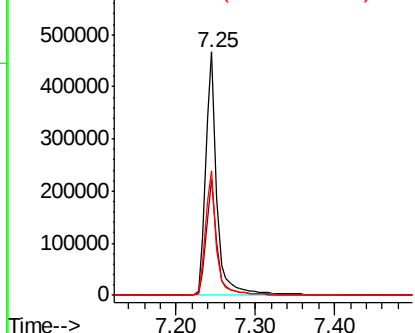
#23
 Nitrobenzene-d5
 Concen: 58.907 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113650.D
 Acq: 8 Apr 2019 20:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-D

Tot Ion: 82 Resp: 469705
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.5 54.7
 54 51.2 42.2 63.2

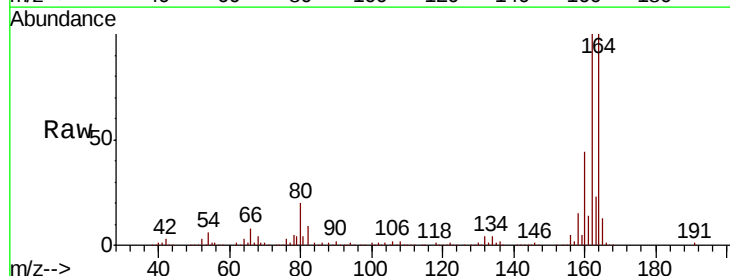


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

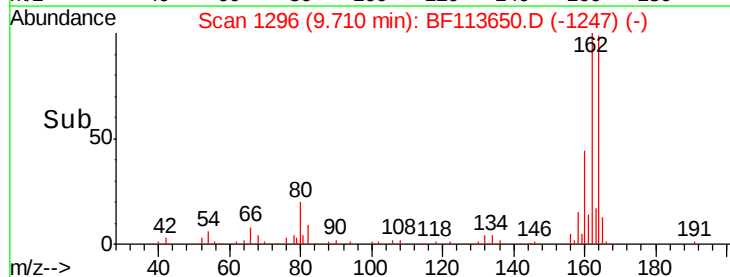
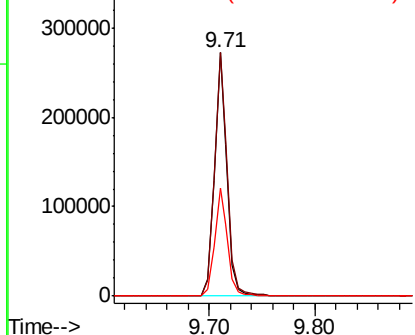


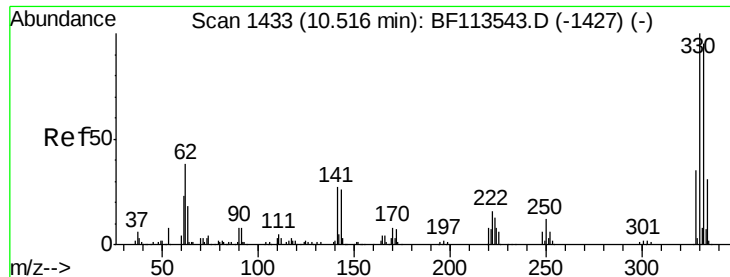
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113650.D
 Acq: 8 Apr 2019 20:28

Tgt Ion:164 Resp: 228558
 Ion Ratio Lower Upper
 164 100
 162 100.1 81.8 122.6
 160 44.3 36.4 54.6



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

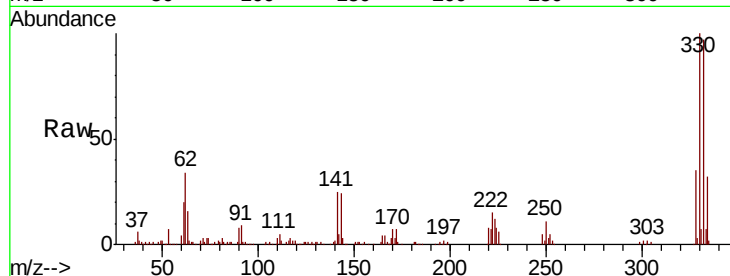




#42
 2,4,6-Tribromophenol
 Concen: 84.851 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113650.D
 Acq: 8 Apr 2019 20:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.8	116.6
141	27.6	22.7	34.1

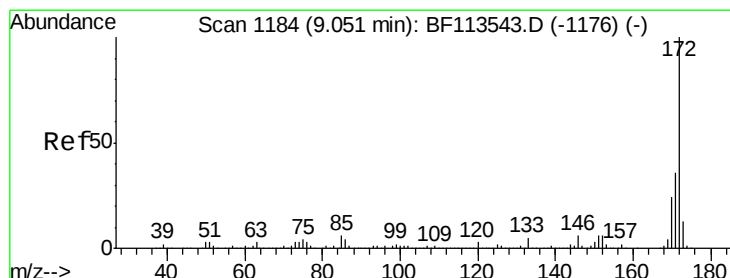
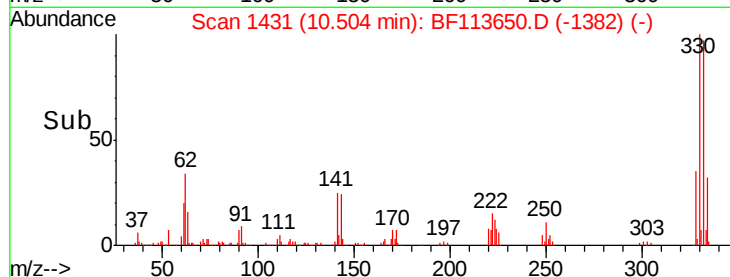
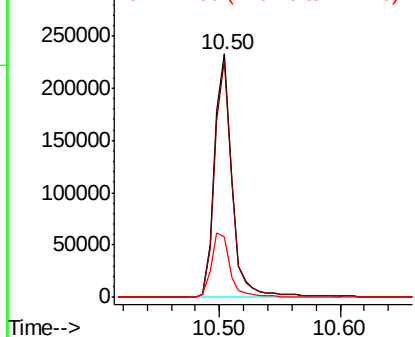


Abundance

Ion 329.80 (329.50 to 330.50): E

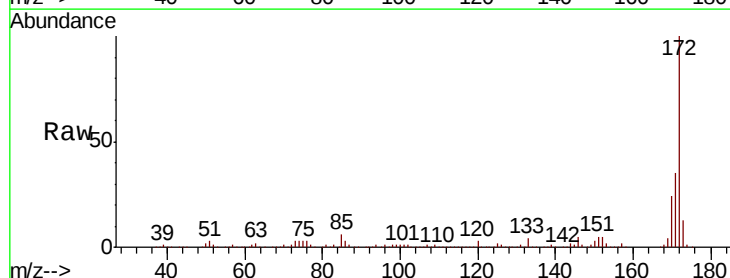
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 62.919 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113650.D
 Acq: 8 Apr 2019 20:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.6
170	23.5	19.5	29.3

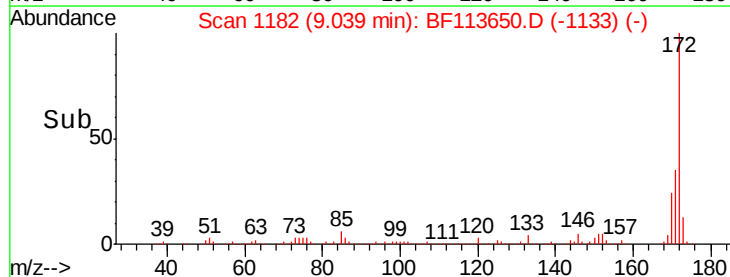
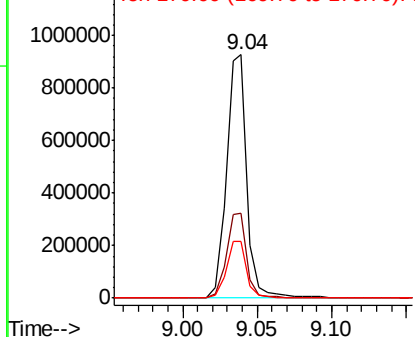


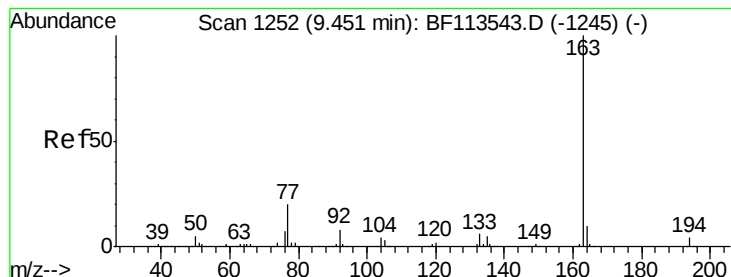
Abundance

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

Dimethylphthalate

Concen: 5.620 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BF113650.D

Acq: 8 Apr 2019 20:28

Instrument :

BNA_F

ClientSampleID :

TP-14-D

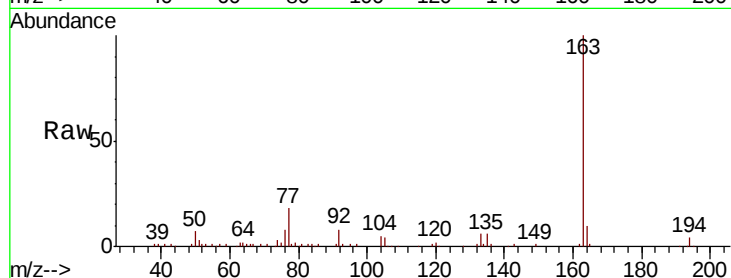
Tot Ion:163 Resp: 94681

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

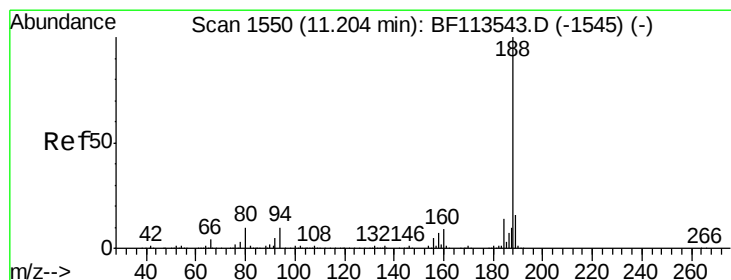
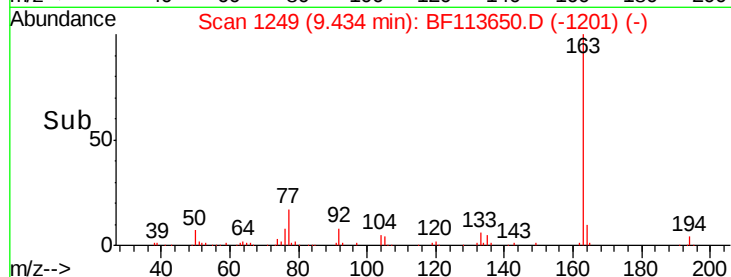
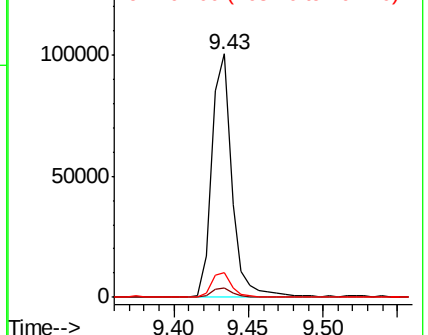
164 10.4 8.1 12.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF113650.D

Acq: 8 Apr 2019 20:28

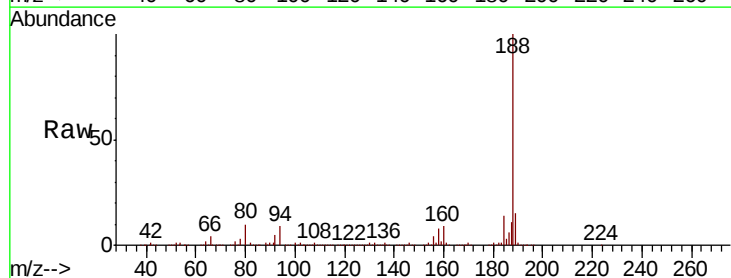
Tgt Ion:188 Resp: 438003

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

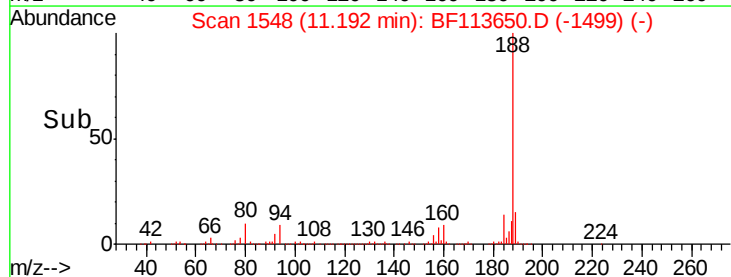
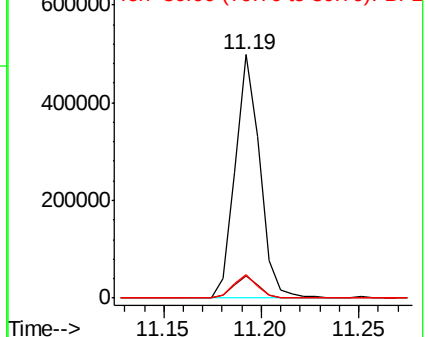
80 9.7 7.7 11.5

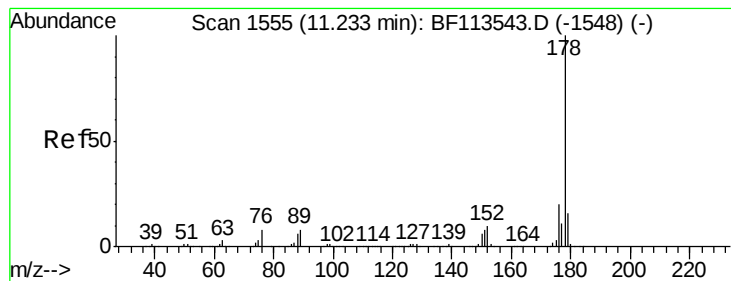


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 2.291 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BF113650.D

Acq: 8 Apr 2019 20:28

Instrument :

BNA_F

ClientSampleId :

TP-14-D

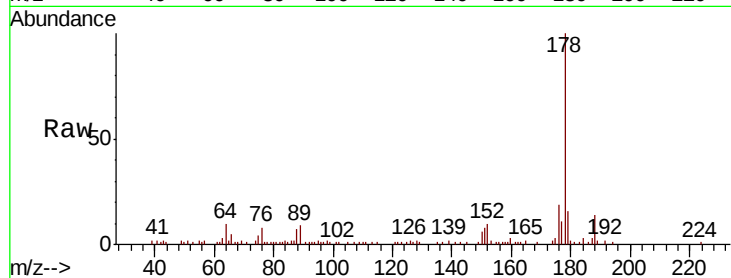
Tot Ion:178 Resp: 49859

Ion Ratio Lower Upper

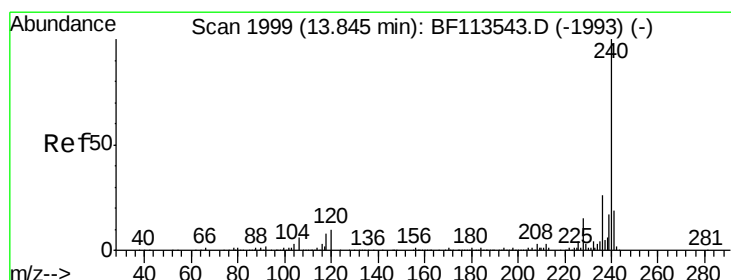
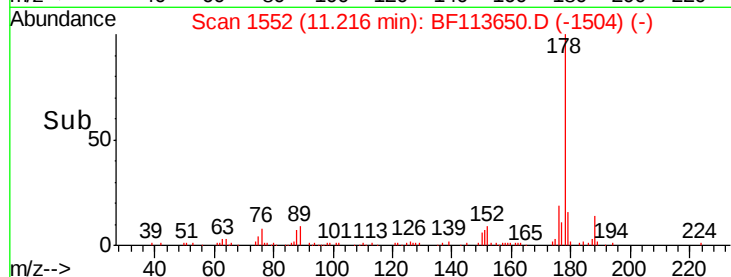
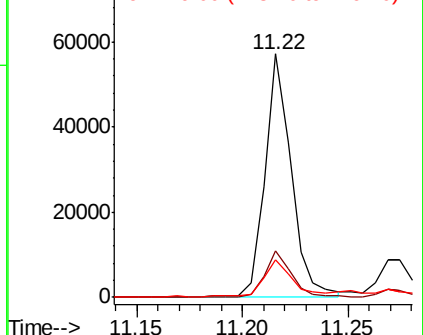
178 100

176 19.4 16.2 24.2

179 15.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113650.D

Acq: 8 Apr 2019 20:28

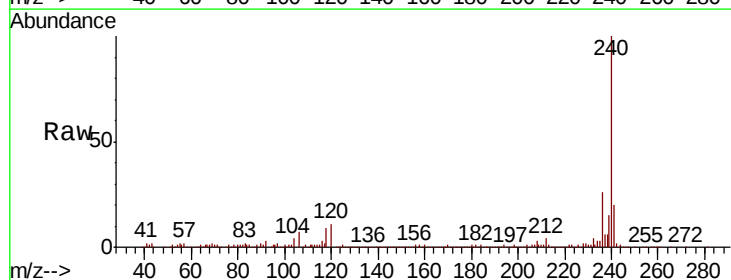
Tgt Ion:240 Resp: 308094

Ion Ratio Lower Upper

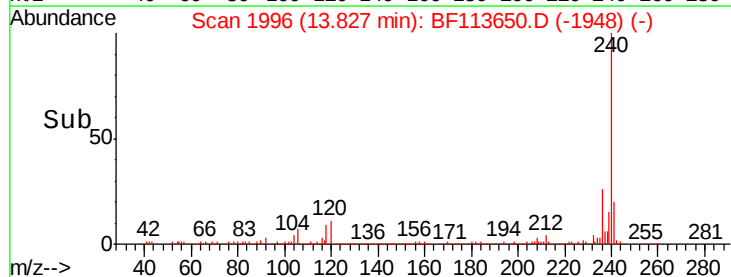
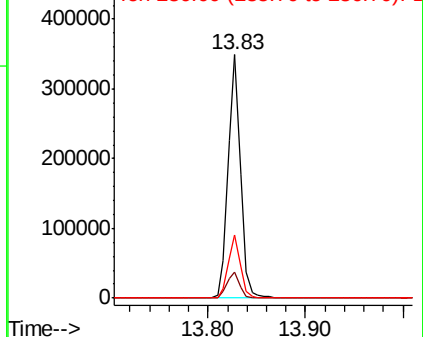
240 100

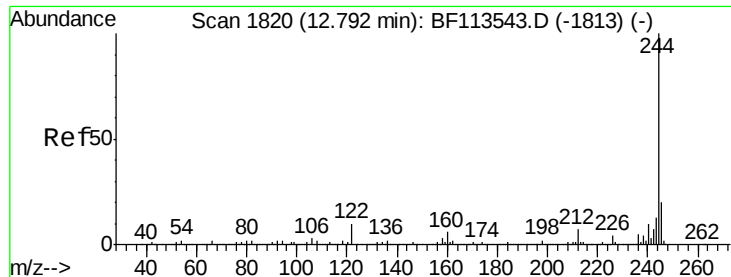
120 10.7 8.8 13.2

236 26.0 20.9 31.3



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





#79

Terphenyl-d14

Concen: 52.722 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113650.D

Acq: 8 Apr 2019 20:28

Instrument :

BNA_F

ClientSampleId :

TP-14-D

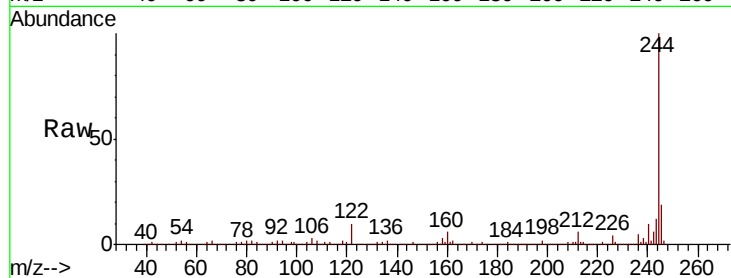
Tot Ion:244 Resp: 797796

Ion Ratio Lower Upper

244 100

212 6.2 5.5 8.3

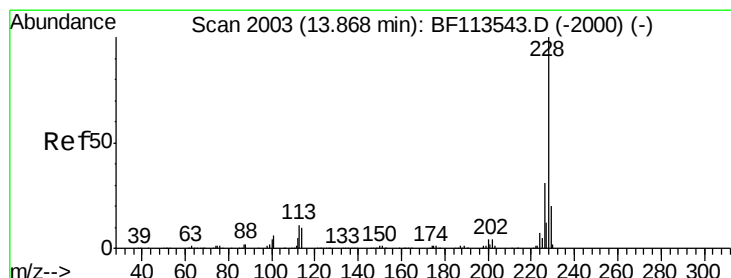
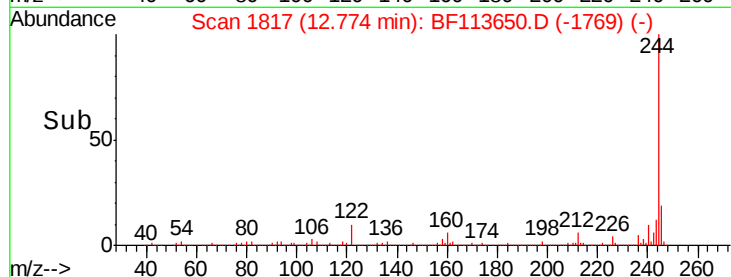
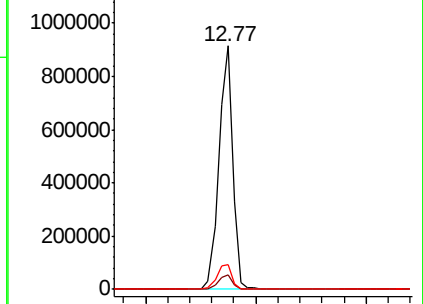
122 10.1 8.6 13.0



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



#83

Chrysene

Concen: 2.482 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BF113650.D

Acq: 8 Apr 2019 20:28

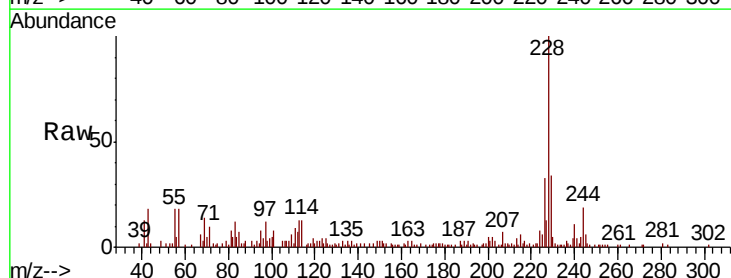
Tgt Ion:228 Resp: 44719

Ion Ratio Lower Upper

228 100

226 32.8 24.3 36.5

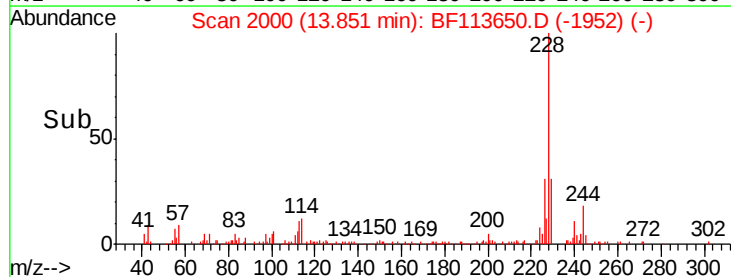
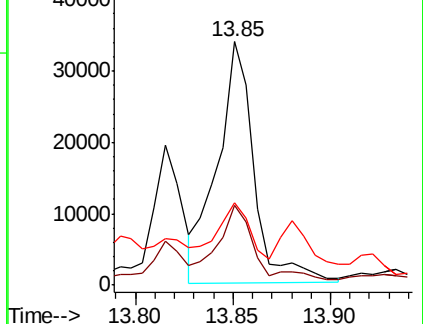
229 33.9 16.3 24.5#

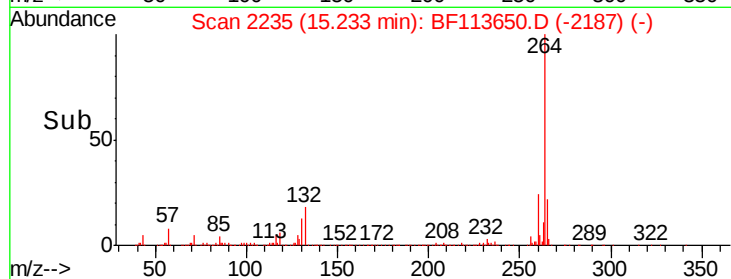
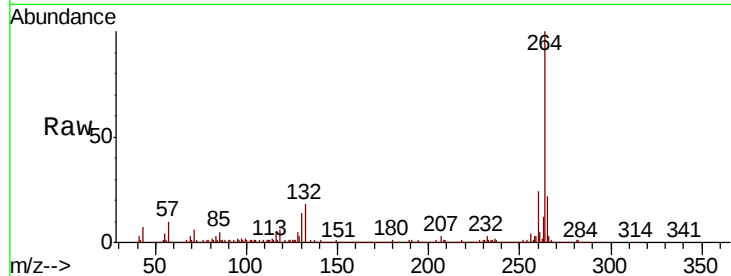
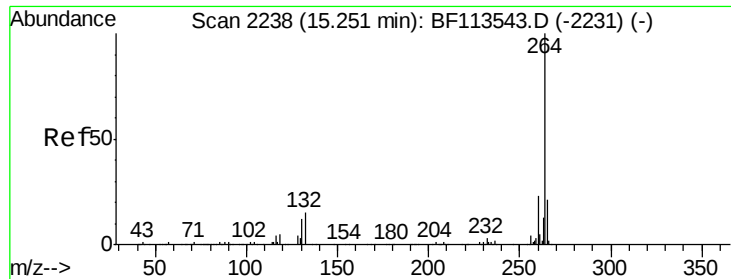


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113650.D
Acq: 8 Apr 2019 20:28

Instrument :
BNA_F
ClientSampleId :
TP-14-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	22.0	17.1	25.7

