

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
 Data File : BF115768.D
 Acq On : 25 Jul 2019 20:00
 Operator : HP/JU
 Sample : K3990-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-B

Quant Time: Jul 26 05:59:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

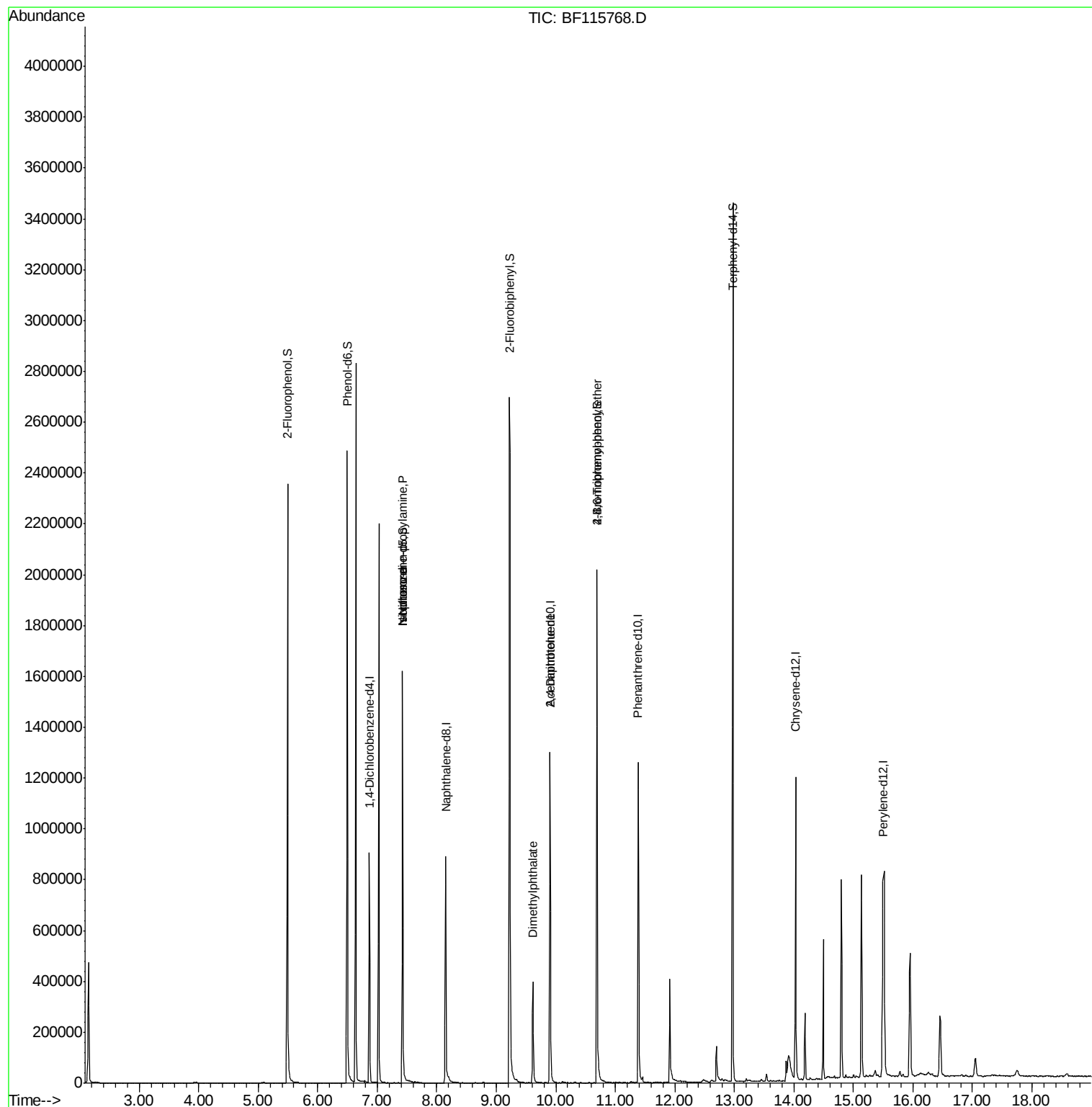
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	121414	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	476932	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	270244	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	509506	20.00	ng	0.00
76) Chrysene-d12	14.03	240	408063	20.00	ng	0.00
87) Perylene-d12	15.50	264	390907	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	674936	90.93	ng	0.00
7) Phenol-d6	6.50	99	888367	94.32	ng	0.00
23) Nitrobenzene-d5	7.43	82	544399	66.37	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	271529	86.08	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1003800	65.01	ng	-0.01
79) Terphenyl-d14	12.97	244	1241531	56.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	71937	11.711	ng	# 80
25) Isophorone	7.43	82	544395	33.169	ng	# 65
50) Dimethylphthalate	9.62	163	186575	9.176	ng	99
57) 2,4-Dinitrotoluene	9.90	165	34370	5.741	ng	# 24
67) 4-Bromophenyl-phenylether	10.69	248	16231	2.788	ng	# 1

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

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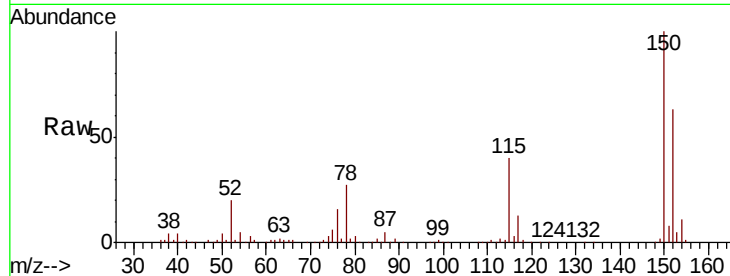


#1

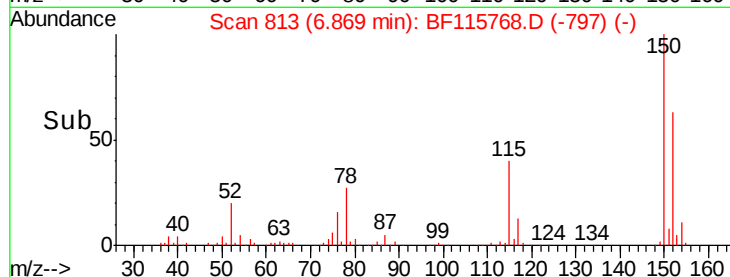
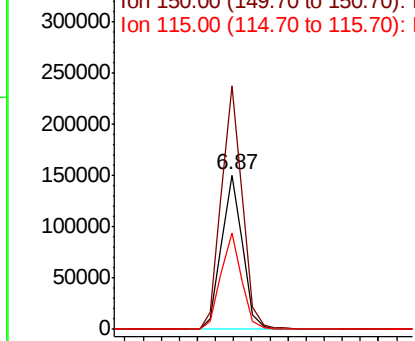
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF115768.D
 Acq: 25 Jul 2019 20:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-B

Tot Ion:152 Resp: 121414
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.6 189.8
 115 62.7 47.8 71.6



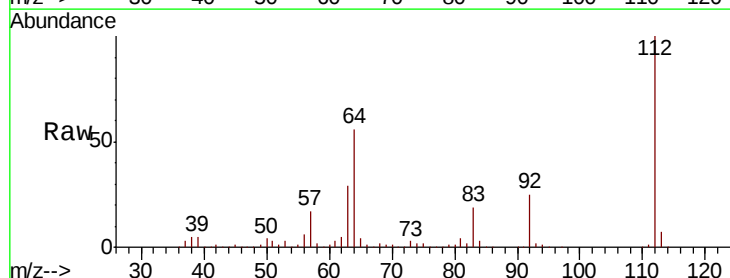
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



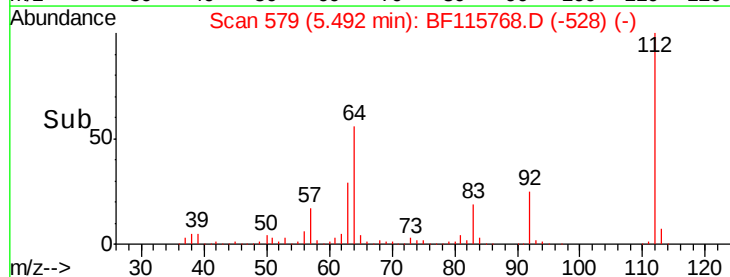
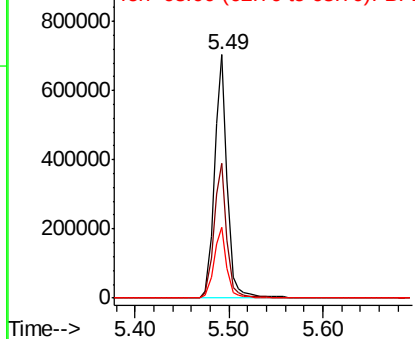
#5

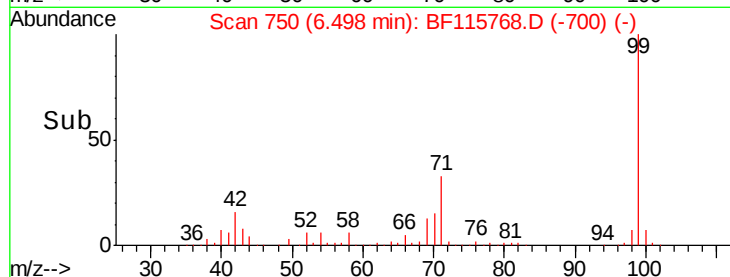
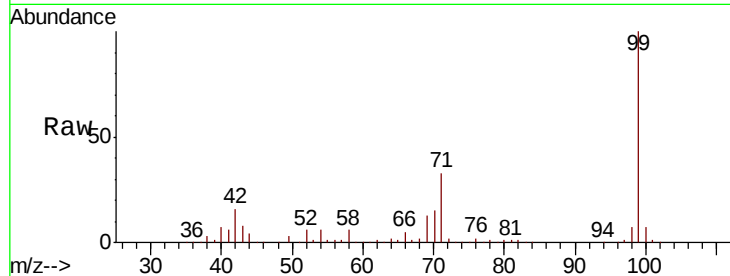
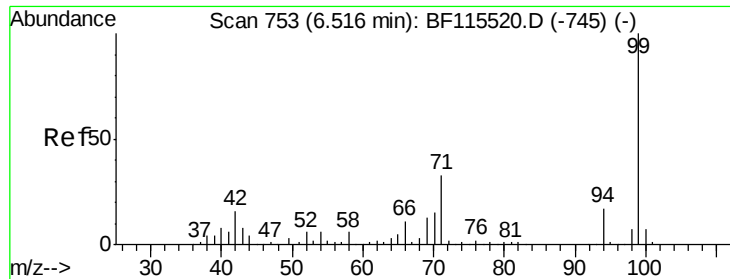
2-Fluorophenol
 Concen: 90.929 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF115768.D
 Acq: 25 Jul 2019 20:00

Tgt Ion:112 Resp: 674936
 Ion Ratio Lower Upper
 112 100
 64 55.5 45.8 68.8
 63 29.2 23.6 35.4



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: 94.321 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115768.D

Acq: 25 Jul 2019 20:00

Instrument :

BNA_F

ClientSampleId :

TP-2-B

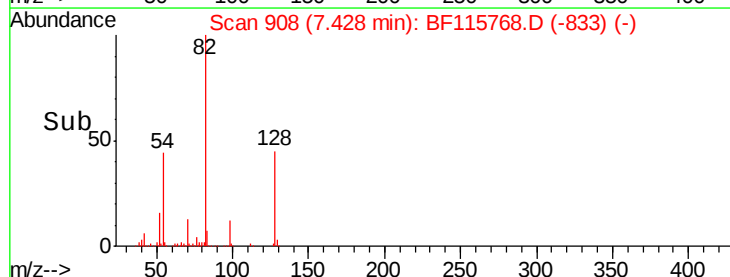
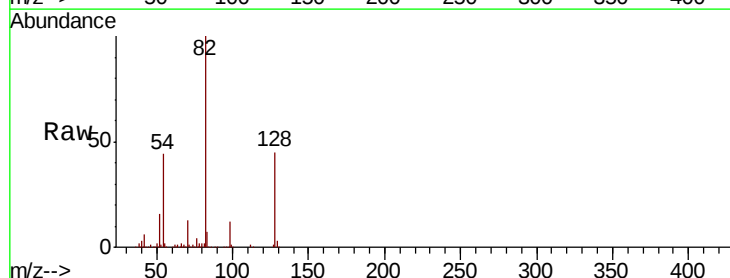
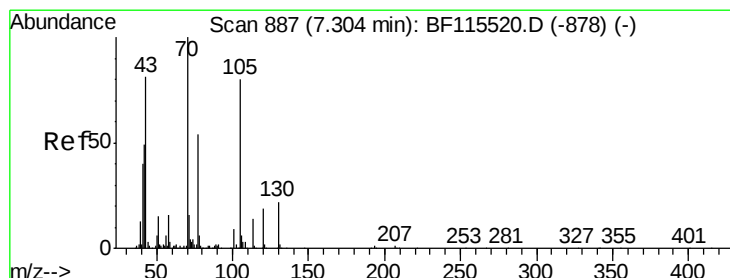
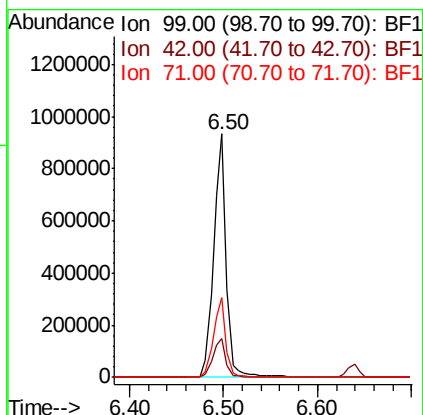
Tot Ion: 99 Resp: 888367

Ion Ratio Lower Upper

99 100

42 16.1 13.4 20.2

71 32.8 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 11.711 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF115768.D

Acq: 25 Jul 2019 20:00

Tgt Ion: 70 Resp: 71937

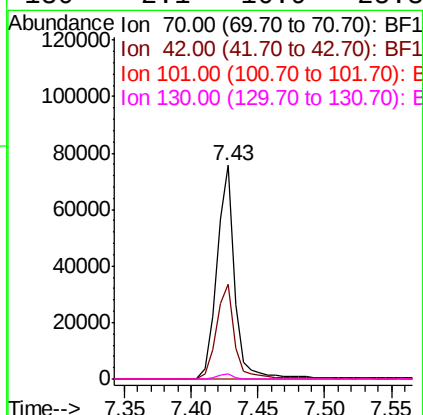
Ion Ratio Lower Upper

70 100

42 44.4 41.8 62.8

101 0.0 7.6 11.4#

130 2.1 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115768.D

Acq: 25 Jul 2019 20:00

Instrument :

BNA_F

ClientSampleId :

TP-2-B

Tot Ion:136 Resp: 476932

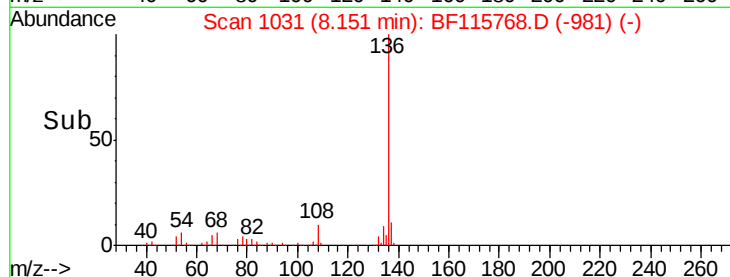
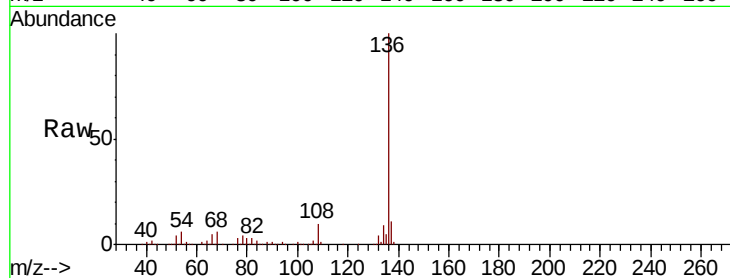
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.5 5.0 7.6

68 5.6 4.7 7.1

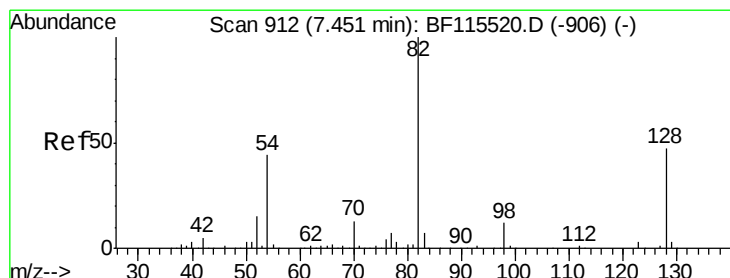
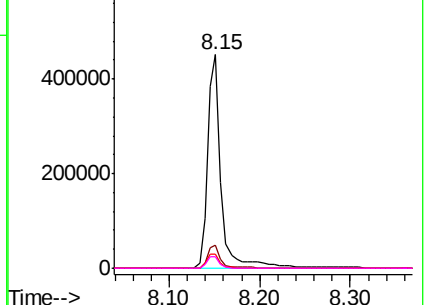


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 66.372 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF115768.D

Acq: 25 Jul 2019 20:00

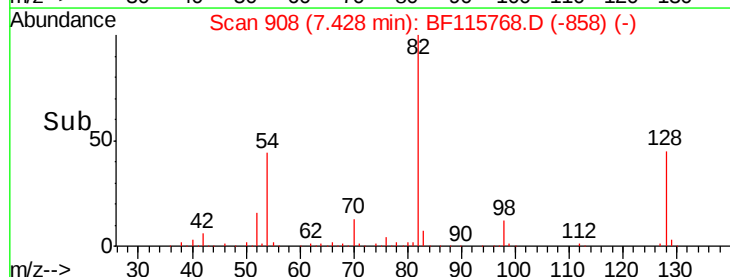
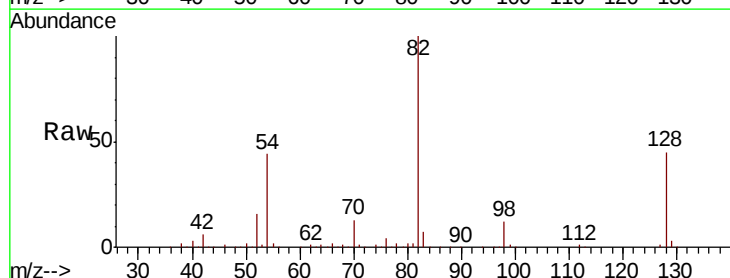
Tgt Ion: 82 Resp: 544399

Ion Ratio Lower Upper

82 100

128 45.4 36.6 55.0

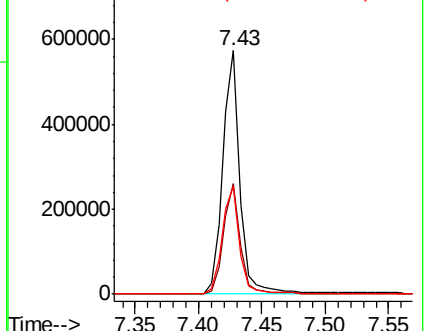
54 44.5 36.6 54.8

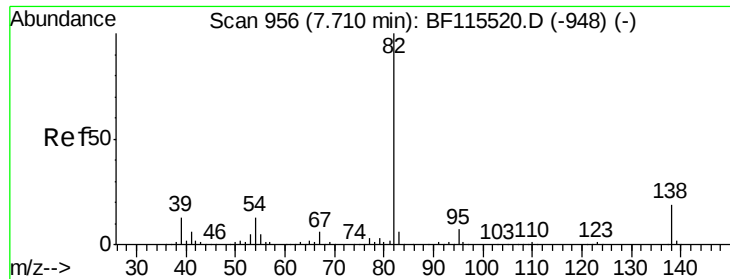


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.169 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF115768.D

Acq: 25 Jul 2019 20:00

Instrument :

BNA_F

ClientSampleId :

TP-2-B

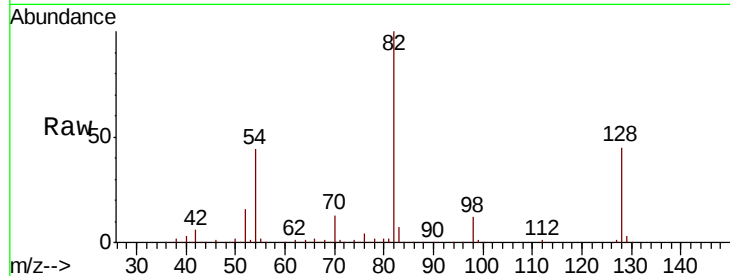
Tot Ion: 82 Resp: 544395

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

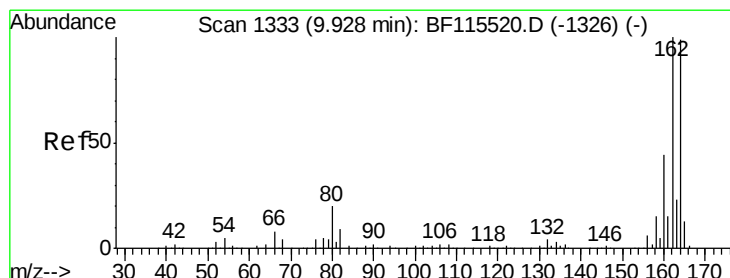
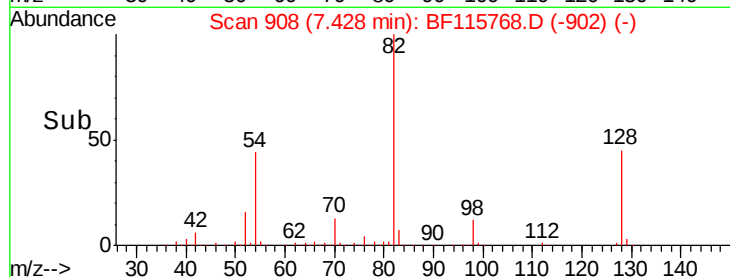
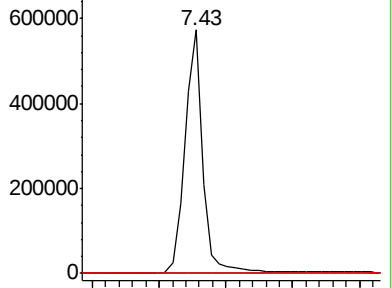
138 0.0 14.2 21.4#



Abundance Ion 82.00 (81.70 to 82.70): BF115520.D (-948) (-)

Ion 95.00 (94.70 to 95.70): BF115520.D (-948) (-)

Ion 138.00 (137.70 to 138.70): BF115520.D (-948) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF115768.D

Acq: 25 Jul 2019 20:00

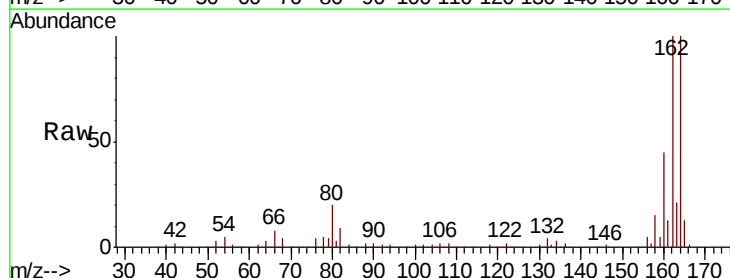
Tgt Ion: 164 Resp: 270244

Ion Ratio Lower Upper

164 100

162 100.1 81.8 122.6

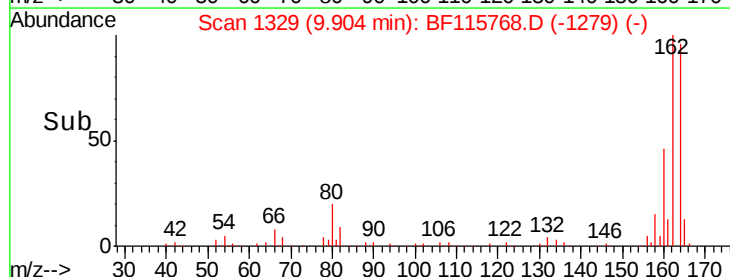
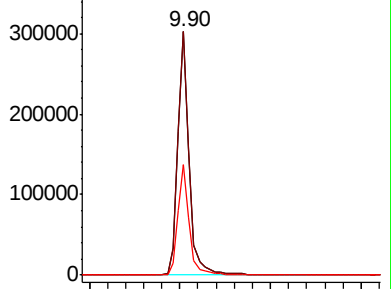
160 45.5 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): BF115520.D (-1326) (-)

Ion 162.00 (161.70 to 162.70): BF115520.D (-1326) (-)

Ion 160.00 (159.70 to 160.70): BF115520.D (-1326) (-)





#42

2,4,6-Tribromophenol

Concen: 86.079 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF115768.D

Acq: 25 Jul 2019 20:00

Instrument :

BNA_F

ClientSampleId :

TP-2-B

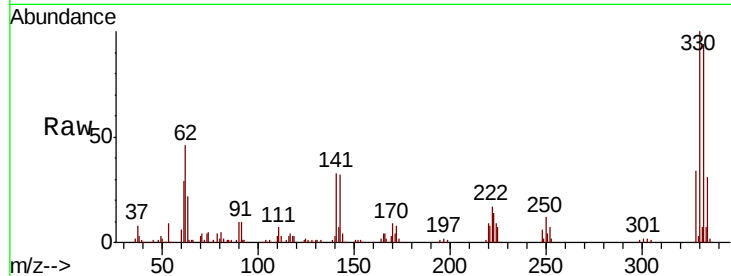
Tot Ion:330 Resp: 271529

Ion Ratio Lower Upper

330 100

332 96.7 76.1 114.1

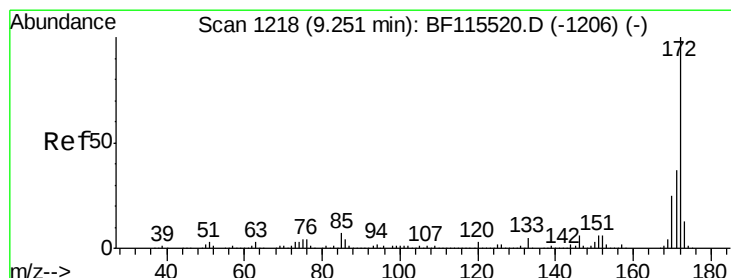
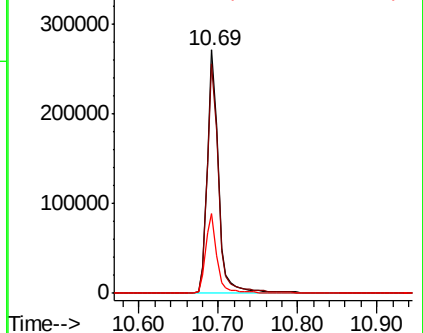
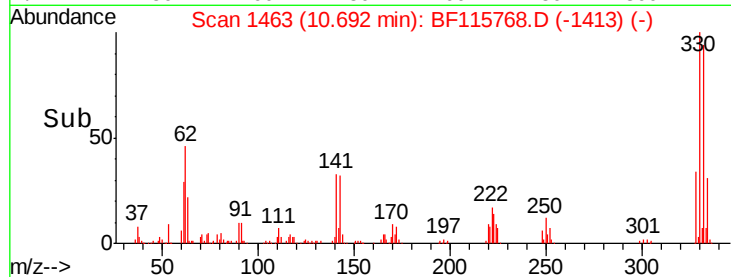
141 33.5 25.9 38.9



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



#45

2-Fluorobiphenyl

Concen: 65.013 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF115768.D

Acq: 25 Jul 2019 20:00

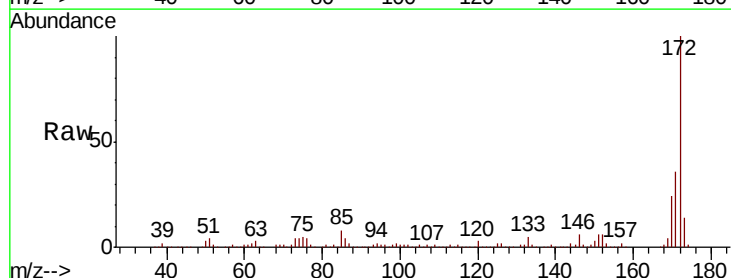
Tgt Ion:172 Resp: 1003800

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.4

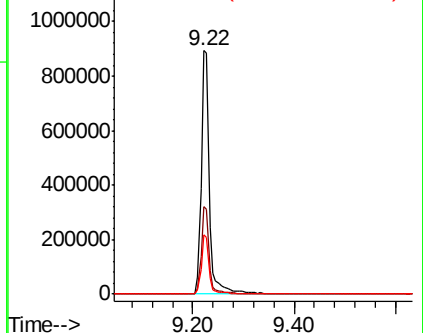
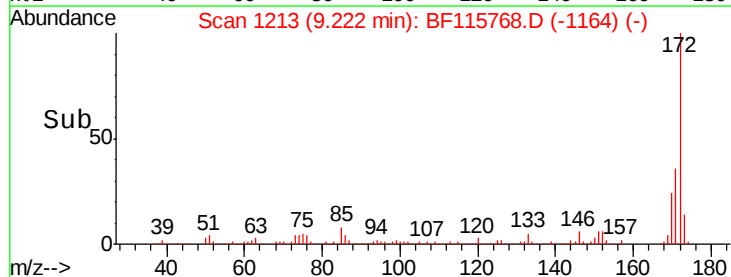
170 24.2 20.1 30.1

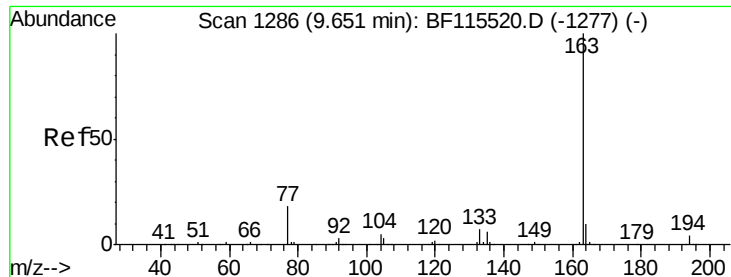


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

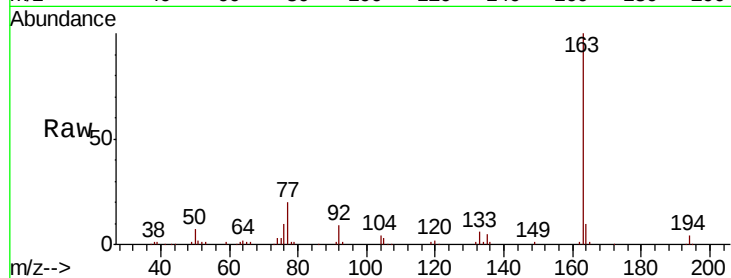




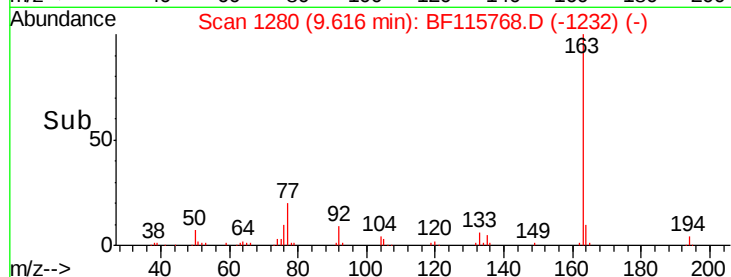
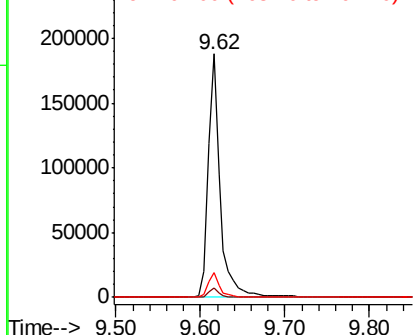
#50
Dimethylphthalate
Concen: 9.176 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF115768.D
Acq: 25 Jul 2019 20:00

Instrument :
BNA_F
ClientSampleId :
TP-2-B

Tot Ion:163 Resp: 186575
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.0 8.3 12.5

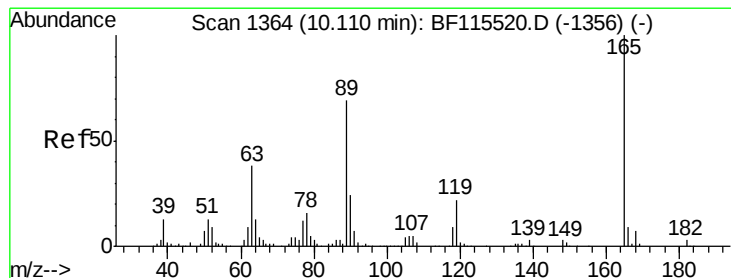


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

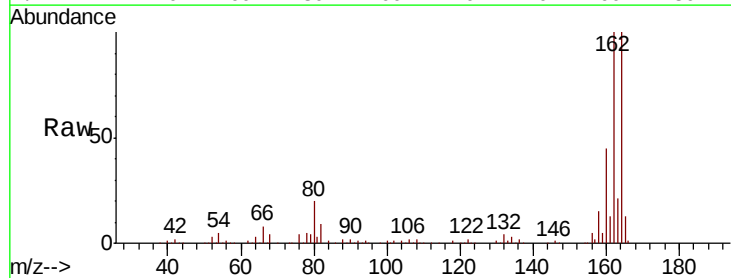
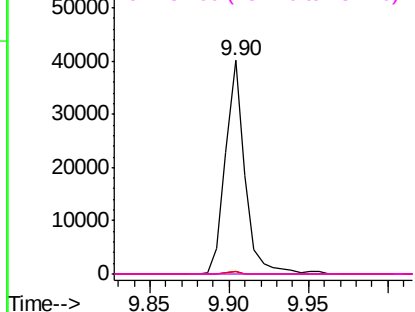


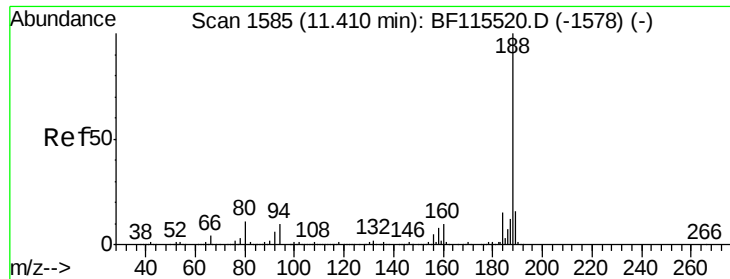
#57
2,4-Dinitrotoluene
Concen: 5.741 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF115768.D
Acq: 25 Jul 2019 20:00

Tgt Ion:165 Resp: 34370
Ion Ratio Lower Upper
165 100
63 1.2 33.4 50.2#
89 1.4 57.3 85.9#
182 0.0 2.1 3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF115768.D

Acq: 25 Jul 2019 20:00

Instrument :

BNA_F

ClientSampleId :

TP-2-B

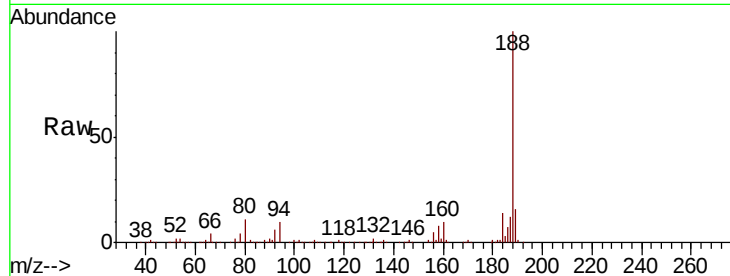
Tot Ion:188 Resp: 509506

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

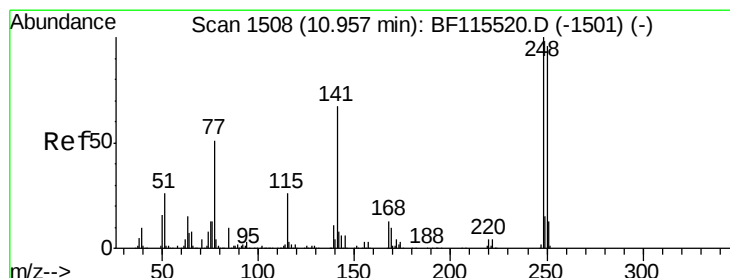
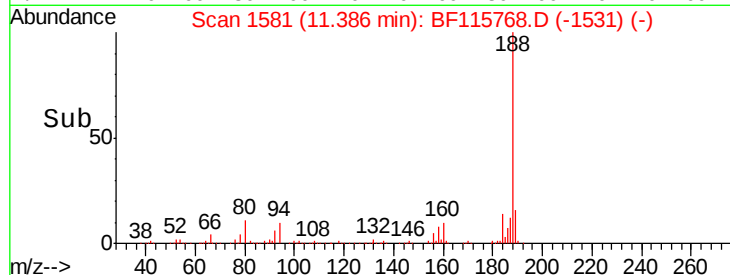
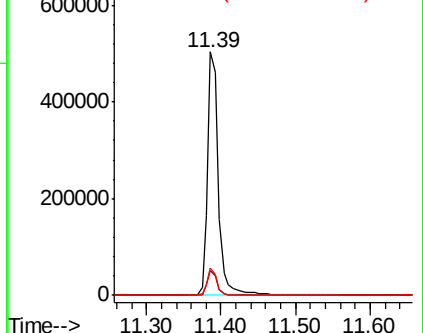
80 11.1 9.0 13.6



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



#67

4-Bromophenyl-phenylether

Concen: 2.788 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.25 min

Lab File: BF115768.D

Acq: 25 Jul 2019 20:00

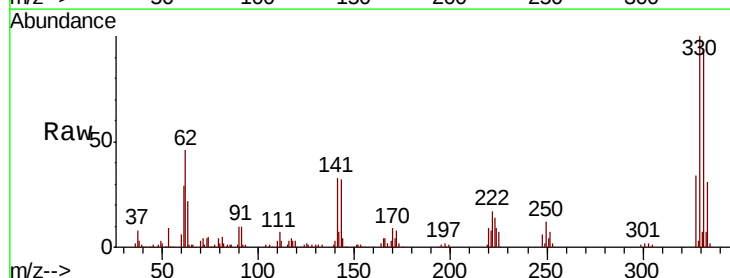
Tgt Ion:248 Resp: 16231

Ion Ratio Lower Upper

248 100

250 197.6 77.0 115.4#

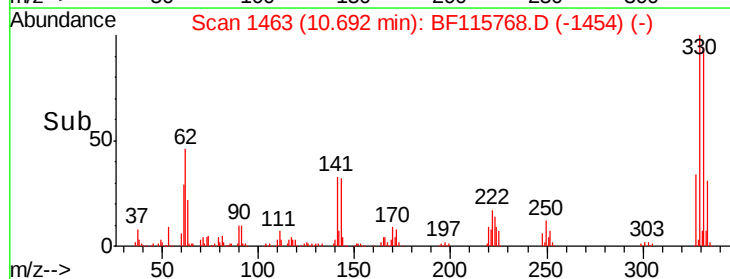
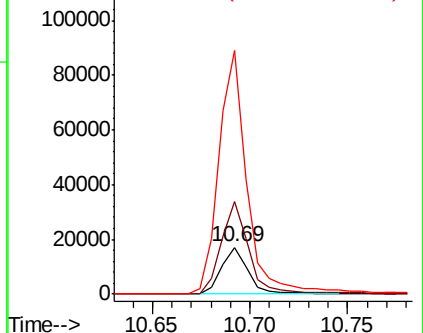
141 521.6 52.1 78.1#

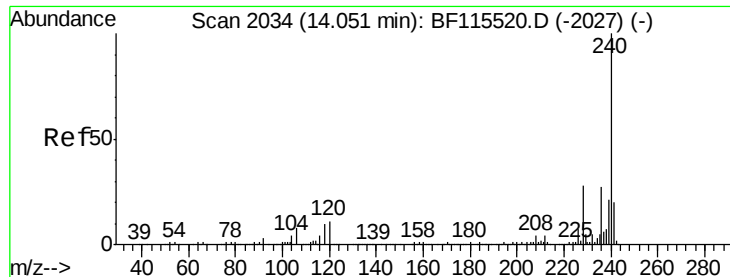


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

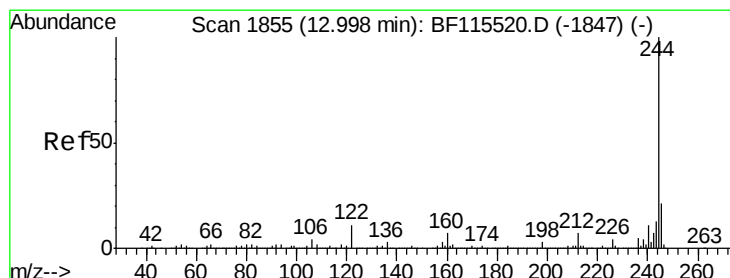
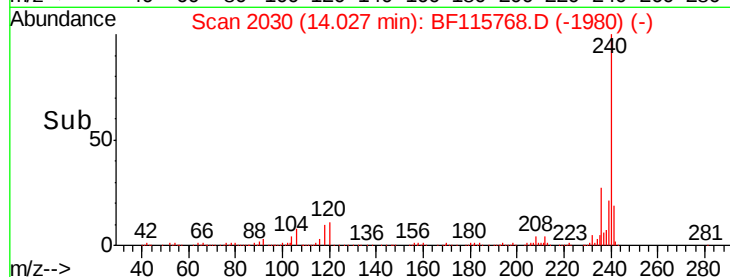
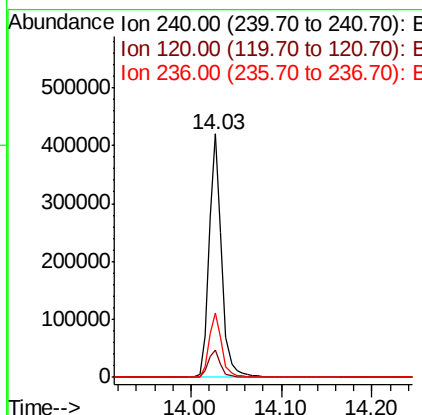
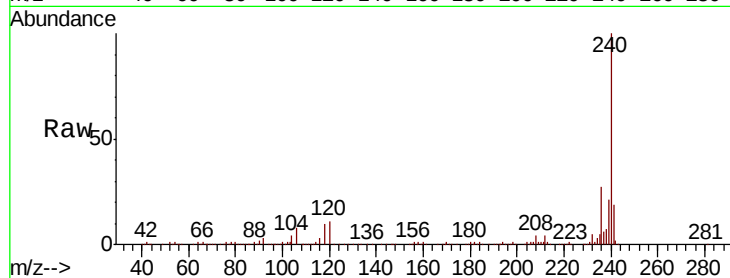




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF115768.D
 Acq: 25 Jul 2019 20:00

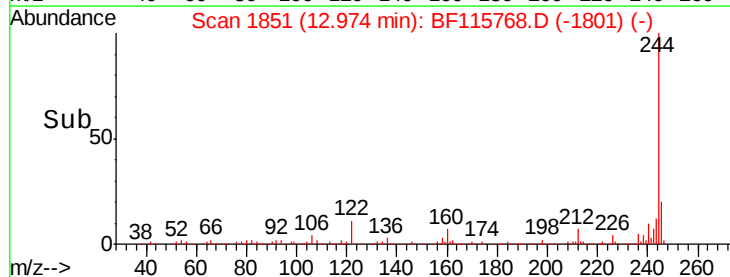
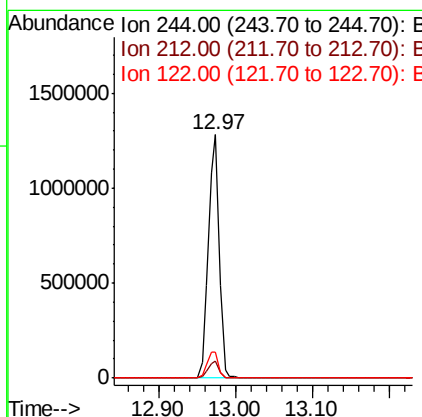
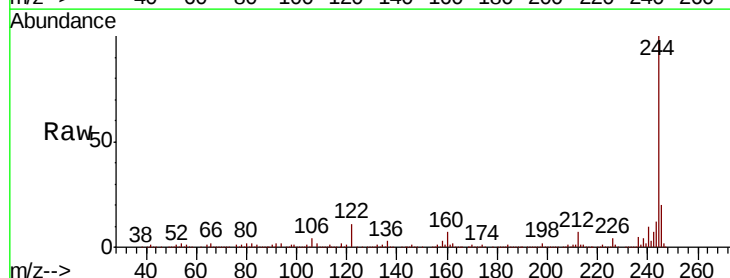
Instrument :
 BNA_F
 ClientSampleID :
 TP-2-B

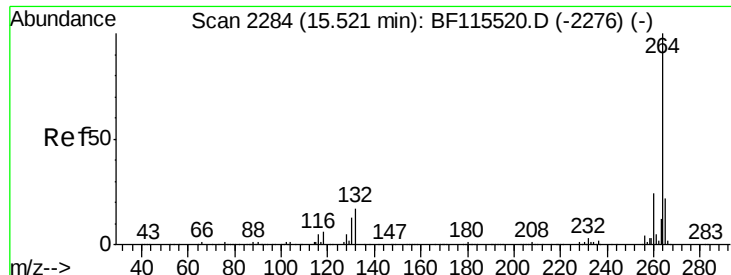
Tot Ion:240 Resp: 408063
 Ion Ratio Lower Upper
 240 100
 120 11.2 10.0 15.0
 236 26.7 21.8 32.6



#79
 Terphenyl-d14
 Concen: 56.139 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF115768.D
 Acq: 25 Jul 2019 20:00

Tgt Ion:244 Resp: 1241531
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.8 8.2 12.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF115768.D
Acq: 25 Jul 2019 20:00

Instrument :
BNA_F
ClientSampleId :
TP-2-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	21.1	17.5	26.3

