

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
 Data File : BF115769.D
 Acq On : 25 Jul 2019 20:27
 Operator : HP/JU
 Sample : K3990-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-A

Quant Time: Jul 26 05:59:23 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

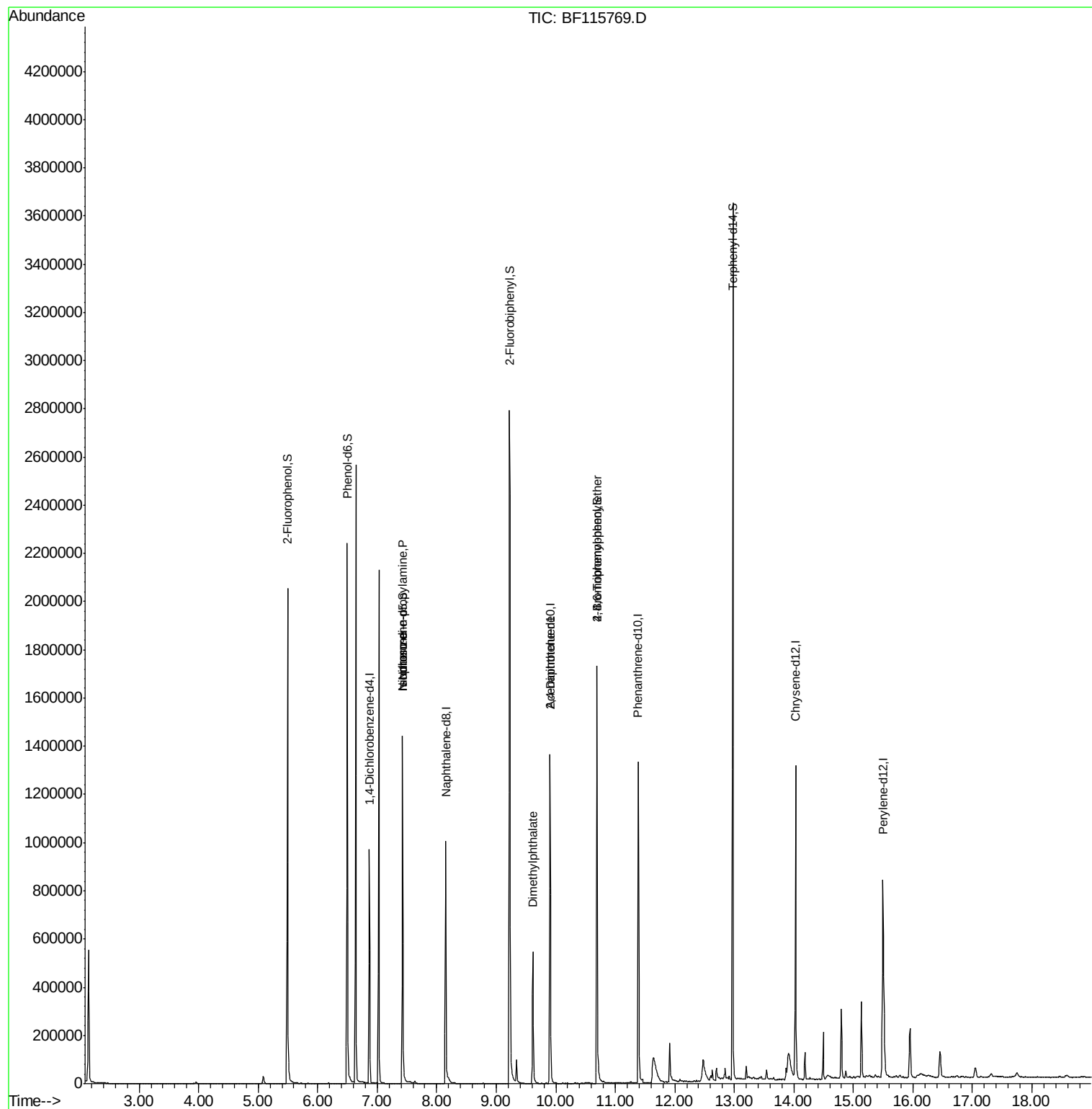
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	130416	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	518482	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	287054	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	547338	20.00	ng	0.00
76) Chrysene-d12	14.03	240	446247	20.00	ng	0.00
87) Perylene-d12	15.50	264	425725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	606917	76.12	ng	0.00
7) Phenol-d6	6.50	99	802045	79.28	ng	0.00
23) Nitrobenzene-d5	7.43	82	504682	56.60	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	242307	72.32	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	997732	60.84	ng	-0.01
79) Terphenyl-d14	12.97	244	1253700	51.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	65661	9.952	ng	# 77
25) Isophorone	7.43	82	504746	28.289	ng	# 65
50) Dimethylphthalate	9.62	163	240945	11.156	ng	99
57) 2,4-Dinitrotoluene	9.90	165	36068	5.672	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	14281	2.283	ng	# 1

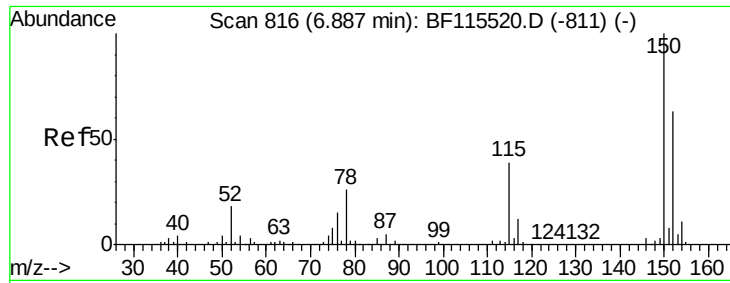
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
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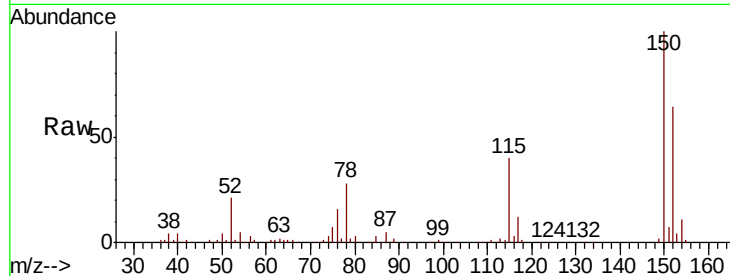


#1

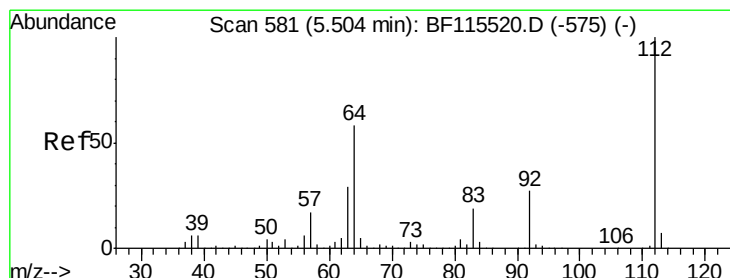
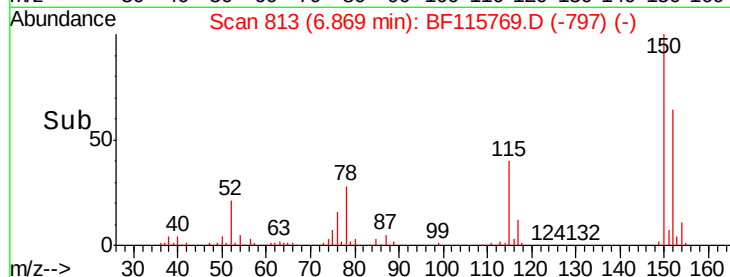
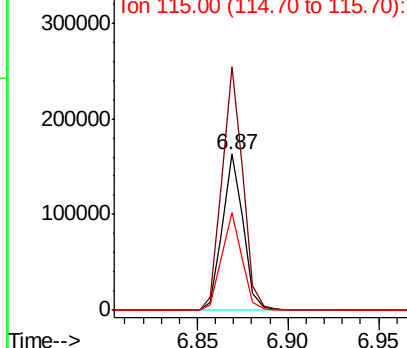
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115769.D
Acq: 25 Jul 2019 20:27

Instrument :
BNA_F
ClientSampleId :
TP-4-A

Tot Ion:152 Resp: 130416
Ion Ratio Lower Upper
152 100
150 155.8 126.6 189.8
115 62.1 47.8 71.6



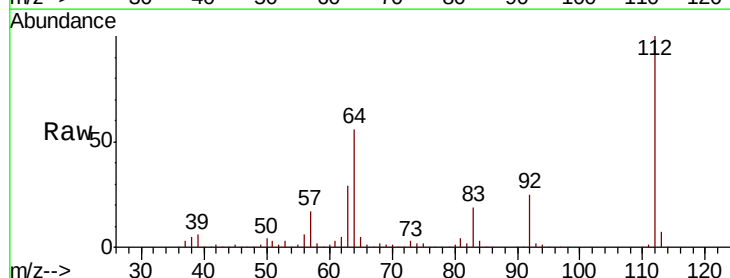
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



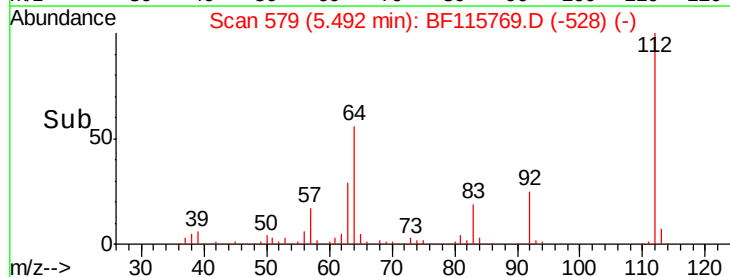
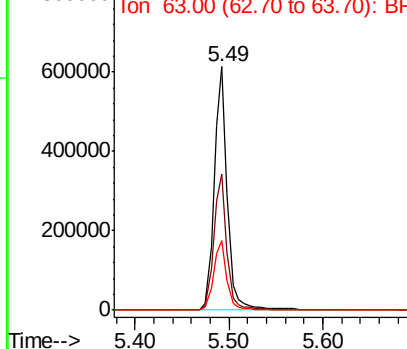
#5

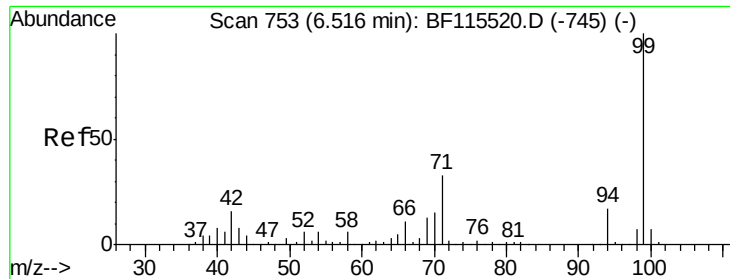
2-Fluorophenol
Concen: 76.121 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF115769.D
Acq: 25 Jul 2019 20:27

Tgt Ion:112 Resp: 606917
Ion Ratio Lower Upper
112 100
64 55.8 45.8 68.8
63 28.7 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: 79.278 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115769.D

Acq: 25 Jul 2019 20:27

Instrument :

BNA_F

ClientSampled :

TP-4-A

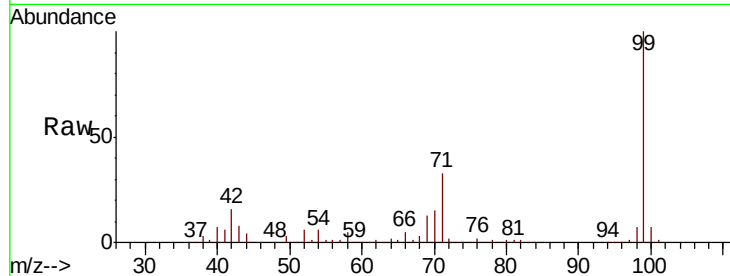
Tot Ion: 99 Resp: 802045

Ion Ratio Lower Upper

99 100

42 16.3 13.4 20.2

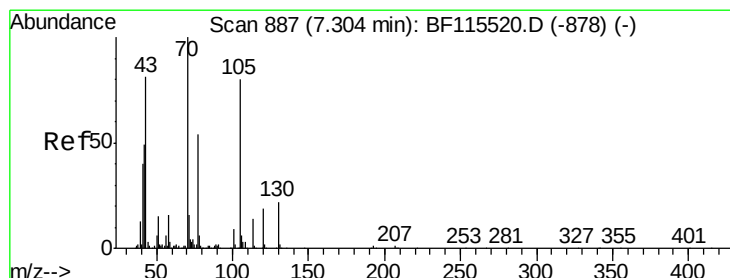
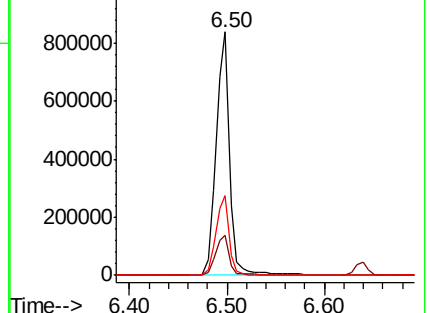
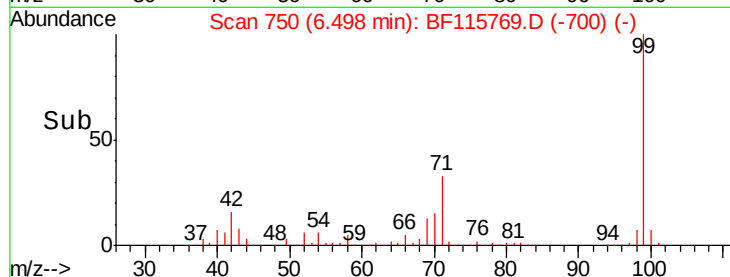
71 33.0 26.7 40.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.952 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF115769.D

Acq: 25 Jul 2019 20:27

Tgt Ion: 70 Resp: 65661

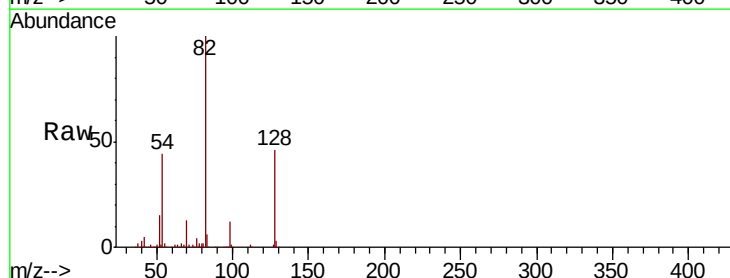
Ion Ratio Lower Upper

70 100

42 41.6 41.8 62.8#

101 0.0 7.6 11.4#

130 2.7 16.9 25.3#

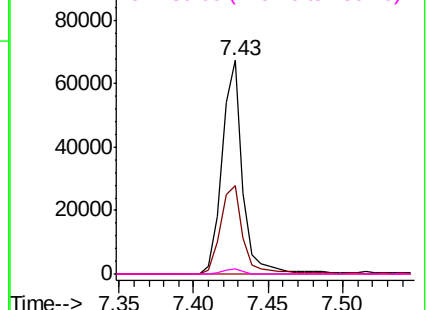
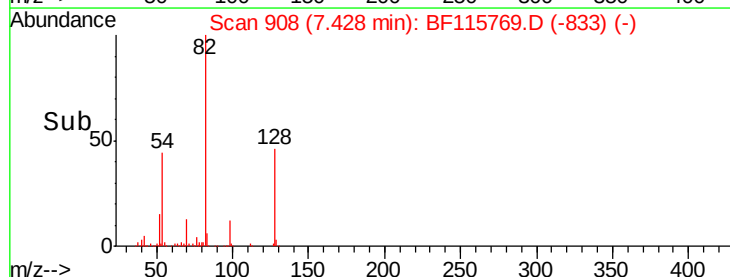


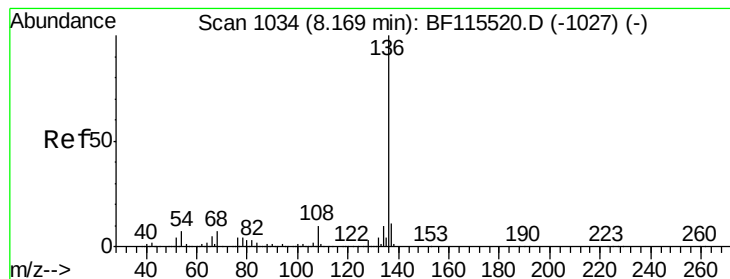
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115769.D

Acq: 25 Jul 2019 20:27

Instrument :

BNA_F

ClientSampleId :

TP-4-A

Tot Ion:136 Resp: 518482

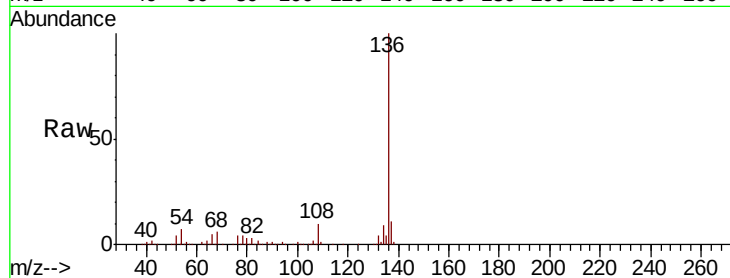
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.6 5.0 7.6

68 5.9 4.7 7.1

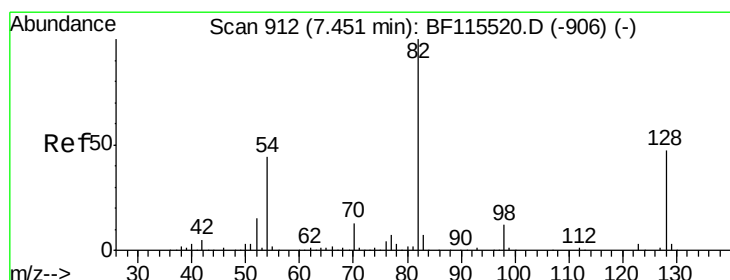
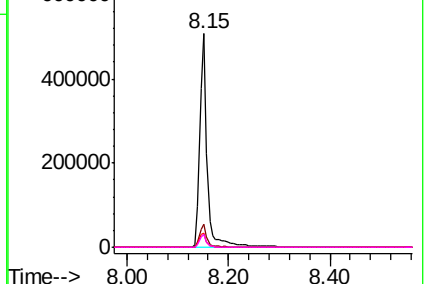
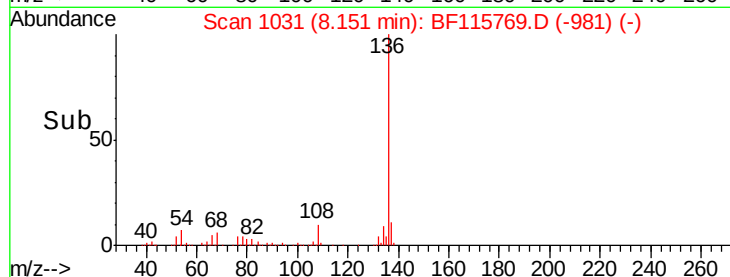


Abundance Ion 136.00 (135.70 to 136.70): E

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: 56.599 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF115769.D

Acq: 25 Jul 2019 20:27

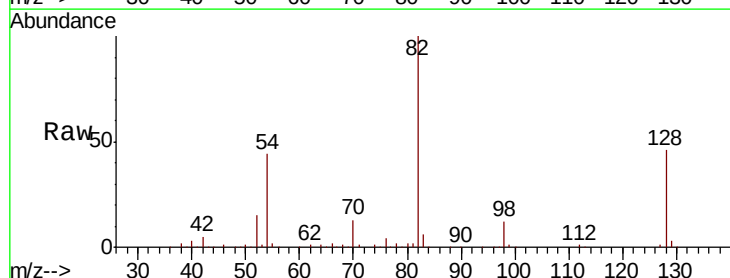
Tgt Ion: 82 Resp: 504682

Ion Ratio Lower Upper

82 100

128 45.9 36.6 55.0

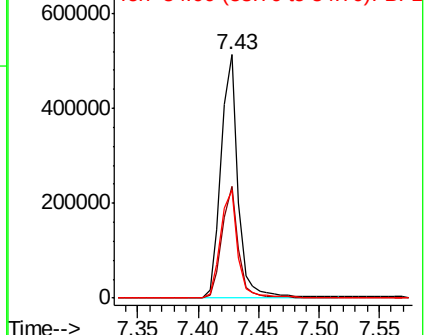
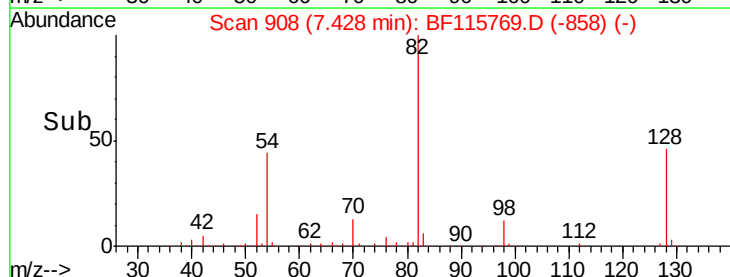
54 44.1 36.6 54.8

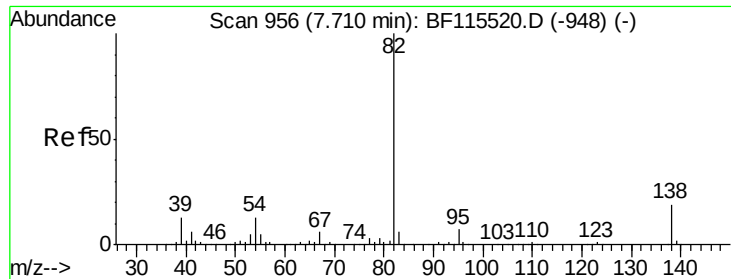


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 28.289 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF115769.D

Acq: 25 Jul 2019 20:27

Instrument :

BNA_F

ClientSampleId :

TP-4-A

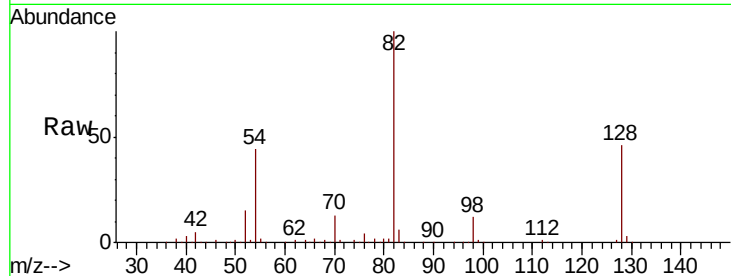
Tot Ion: 82 Resp: 504746

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

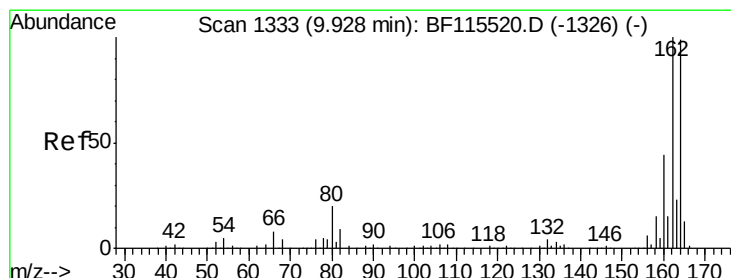
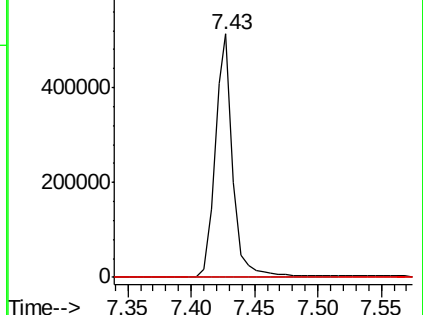
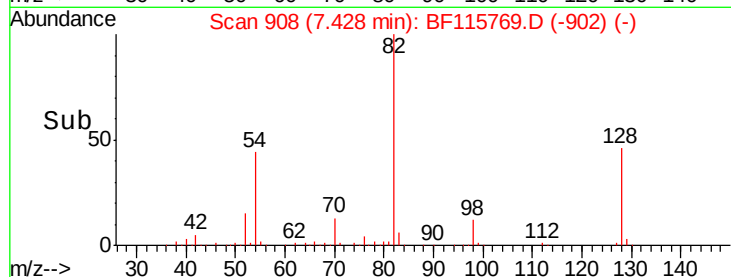
138 0.0 14.2 21.4#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF115769.D

Acq: 25 Jul 2019 20:27

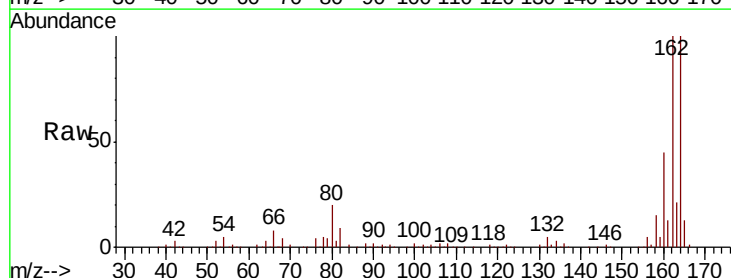
Tgt Ion: 164 Resp: 287054

Ion Ratio Lower Upper

164 100

162 100.1 81.8 122.6

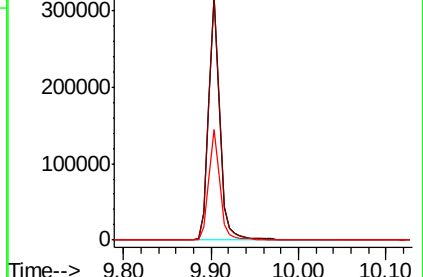
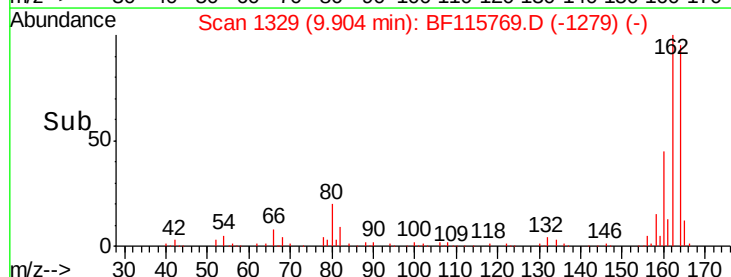
160 45.4 37.5 56.3

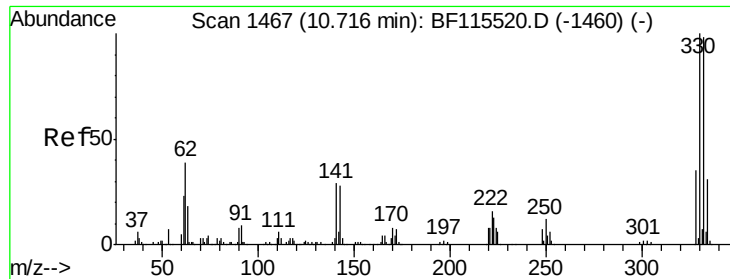


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 72.317 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF115769.D

Acq: 25 Jul 2019 20:27

Instrument :

BNA_F

ClientSampleId :

TP-4-A

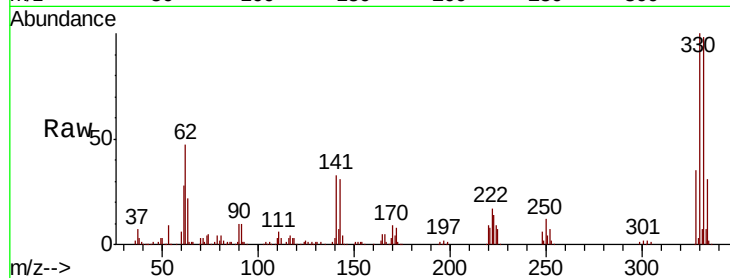
Tot Ion:330 Resp: 242307

Ion Ratio Lower Upper

330 100

332 95.8 76.1 114.1

141 34.1 25.9 38.9

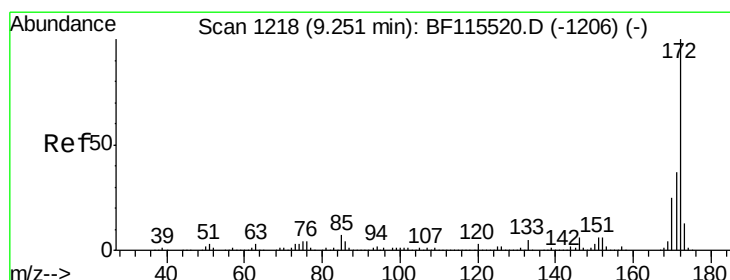
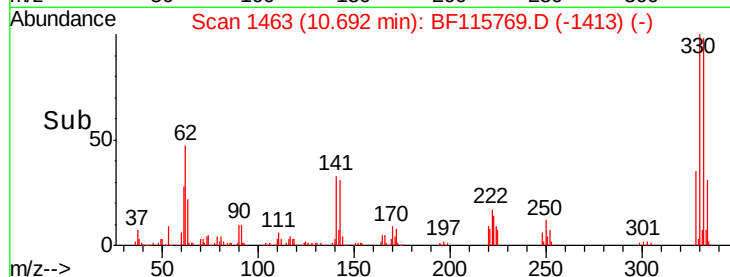
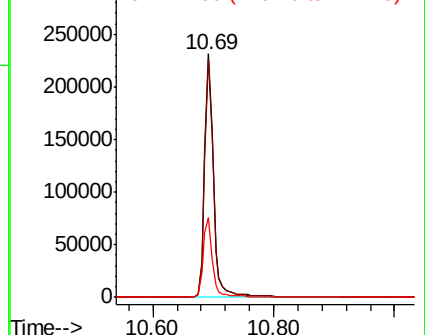


Abundance

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: 60.836 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF115769.D

Acq: 25 Jul 2019 20:27

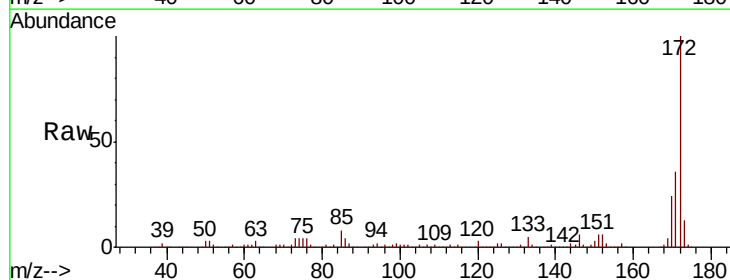
Tgt Ion:172 Resp: 997732

Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.4

170 24.5 20.1 30.1

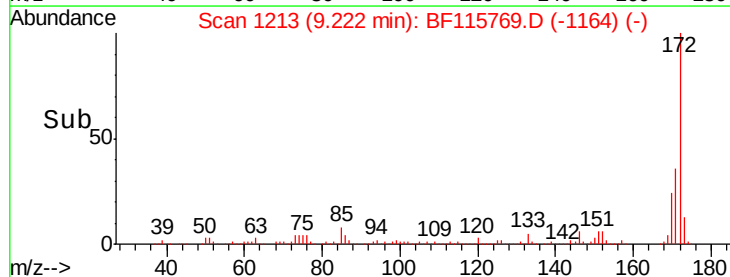
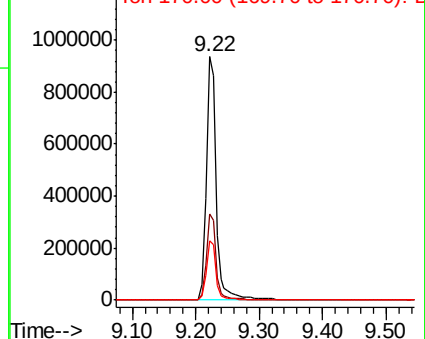


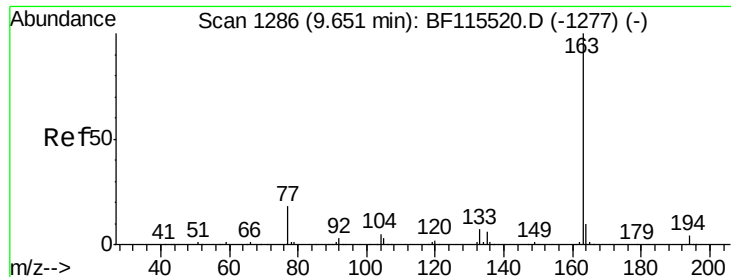
Abundance

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

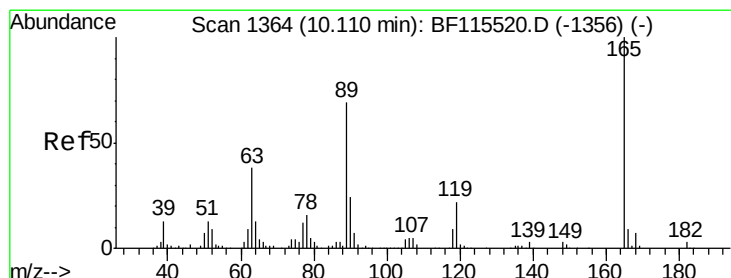
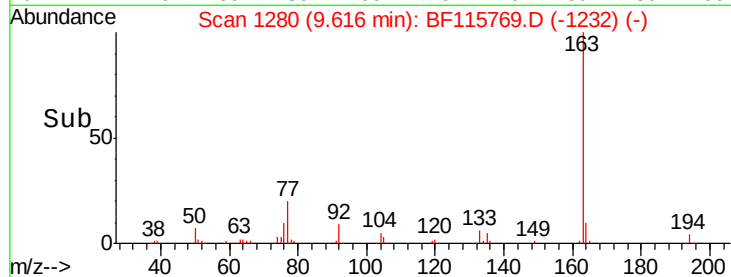
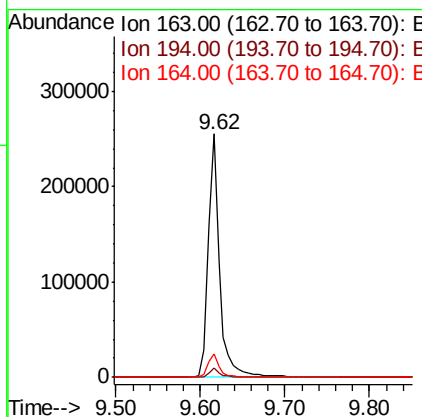
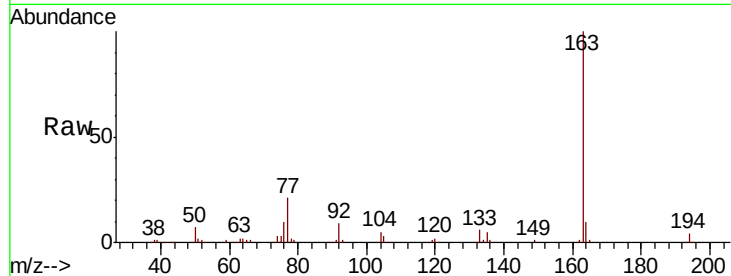




#50
Dimethylphthalate
Concen: 11.156 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF115769.D
Acq: 25 Jul 2019 20:27

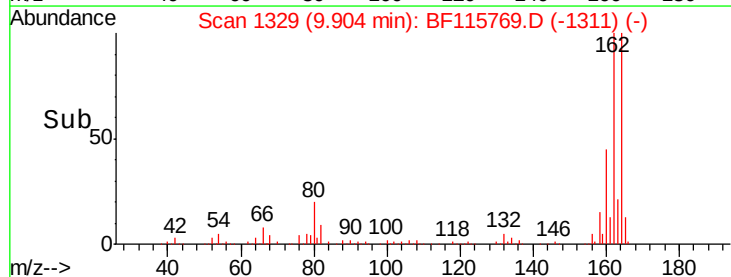
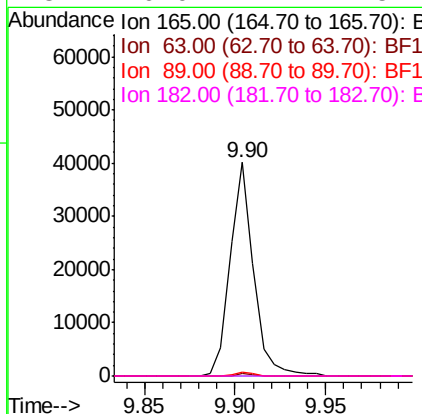
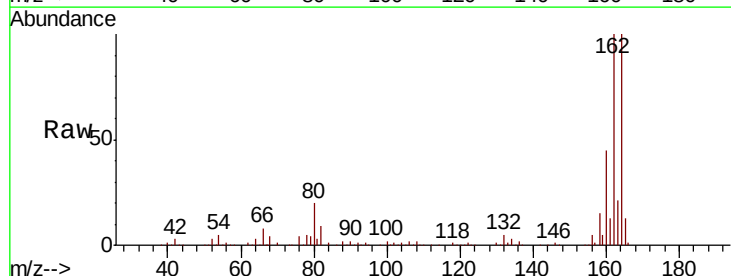
Instrument :
BNA_F
ClientSampleId :
TP-4-A

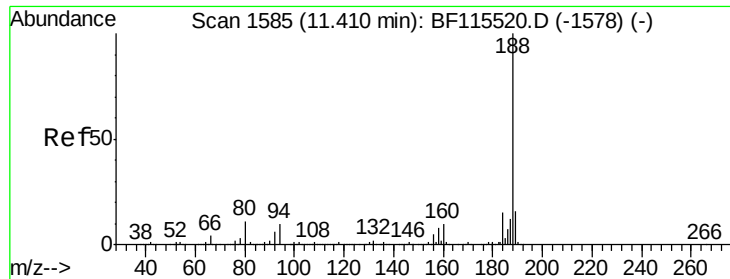
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.7	8.3	12.5



#57
2,4-Dinitrotoluene
Concen: 5.672 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF115769.D
Acq: 25 Jul 2019 20:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.4	50.2#
89	1.6	57.3	85.9#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF115769.D

Acq: 25 Jul 2019 20:27

Instrument :

BNA_F

ClientSampleId :

TP-4-A

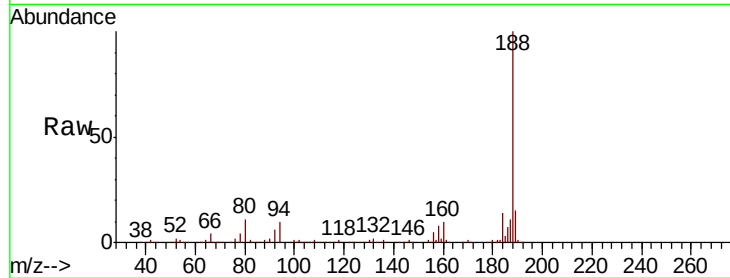
Tot Ion:188 Resp: 547338

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

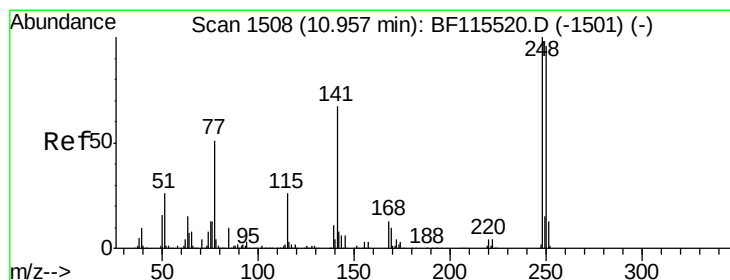
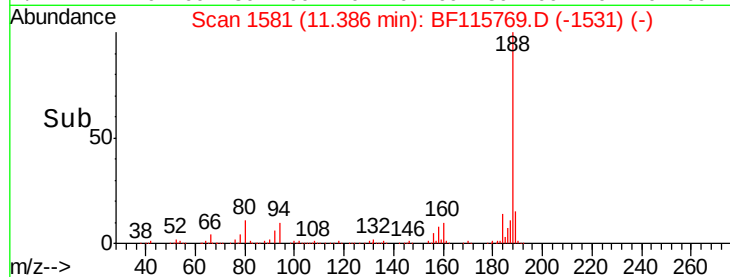
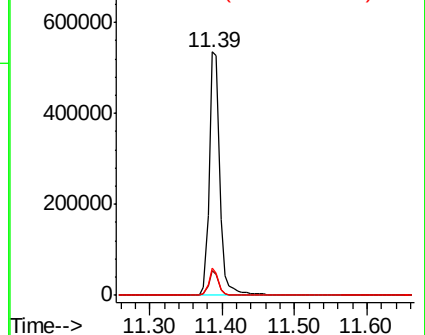
80 11.3 9.0 13.6



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: 2.283 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.25 min

Lab File: BF115769.D

Acq: 25 Jul 2019 20:27

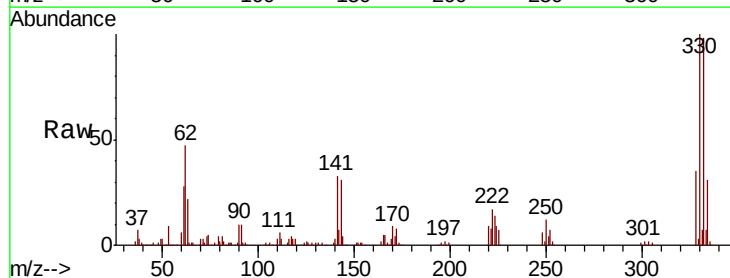
Tgt Ion:248 Resp: 14281

Ion Ratio Lower Upper

248 100

250 196.3 77.0 115.4#

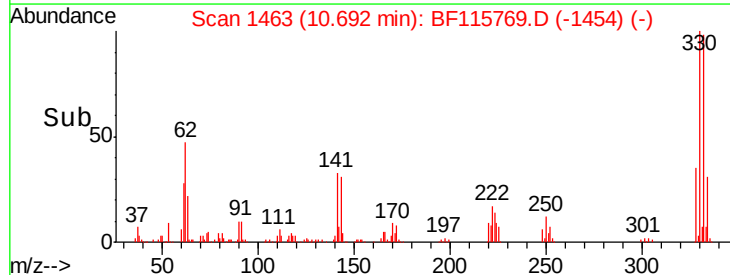
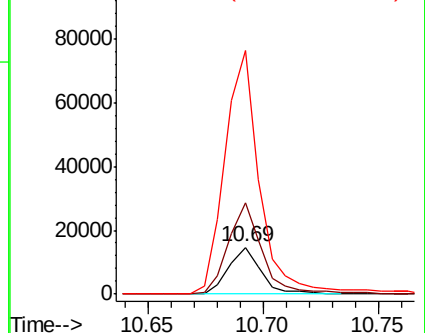
141 520.3 52.1 78.1#

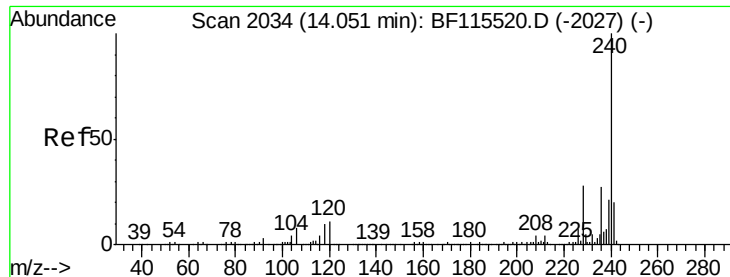


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF115769.D

Acq: 25 Jul 2019 20:27

Instrument :

BNA_F

ClientSampleId :

TP-4-A

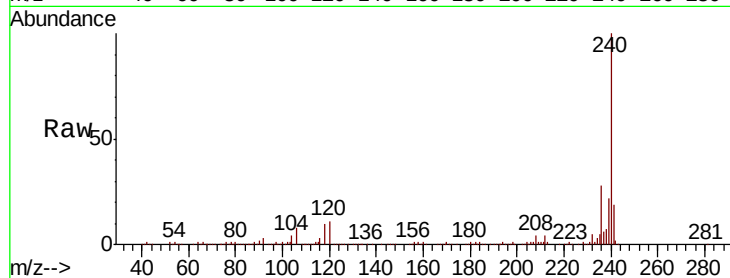
Tot Ion:240 Resp: 446247

Ion Ratio Lower Upper

240 100

120 10.8 10.0 15.0

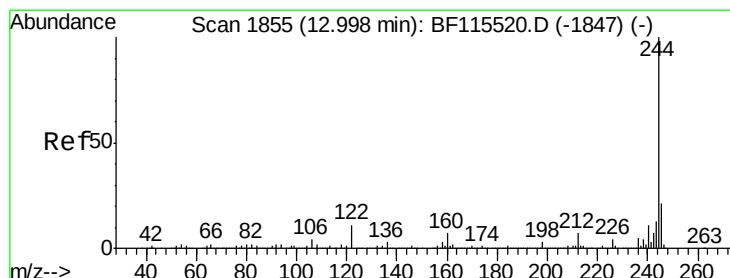
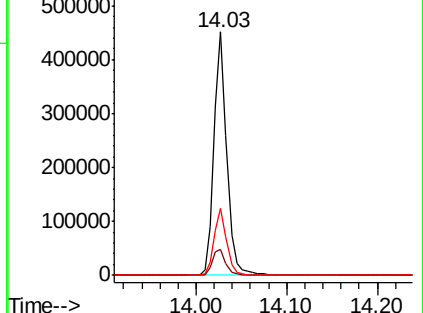
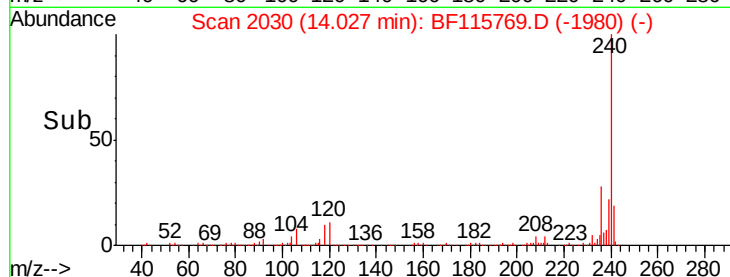
236 27.7 21.8 32.6



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: 51.839 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF115769.D

Acq: 25 Jul 2019 20:27

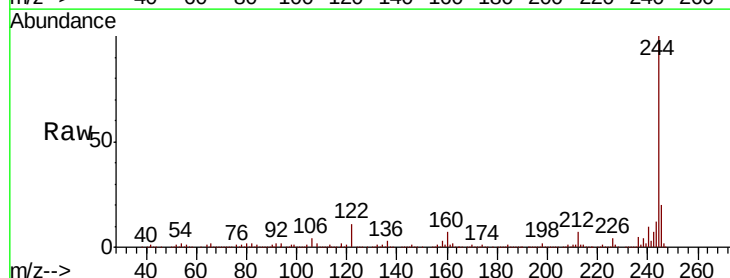
Tgt Ion:244 Resp: 1253700

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

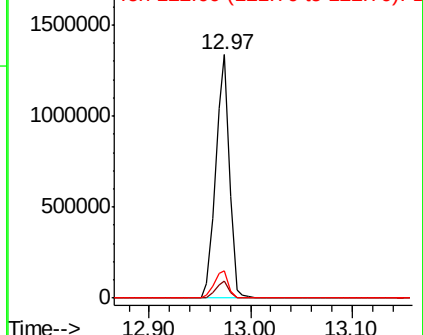
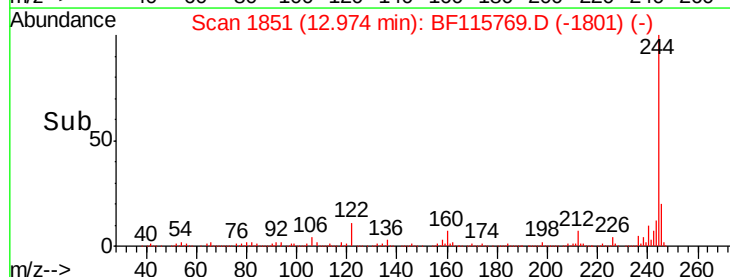
122 11.2 8.2 12.4

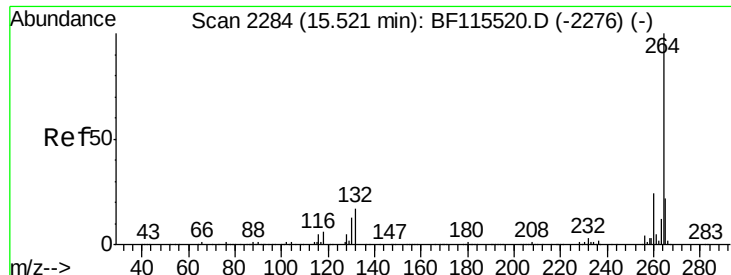


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

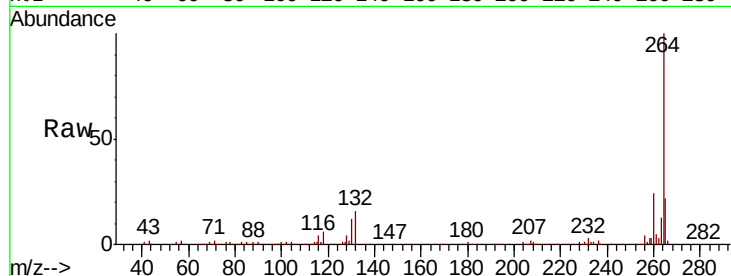




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BF115769.D
 Acq: 25 Jul 2019 20:27

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	21.8	17.5	26.3



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

