

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
 Data File : BF115762.D
 Acq On : 25 Jul 2019 16:53
 Operator : HP/JU
 Sample : K3990-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-B

Quant Time: Jul 26 05:47:09 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

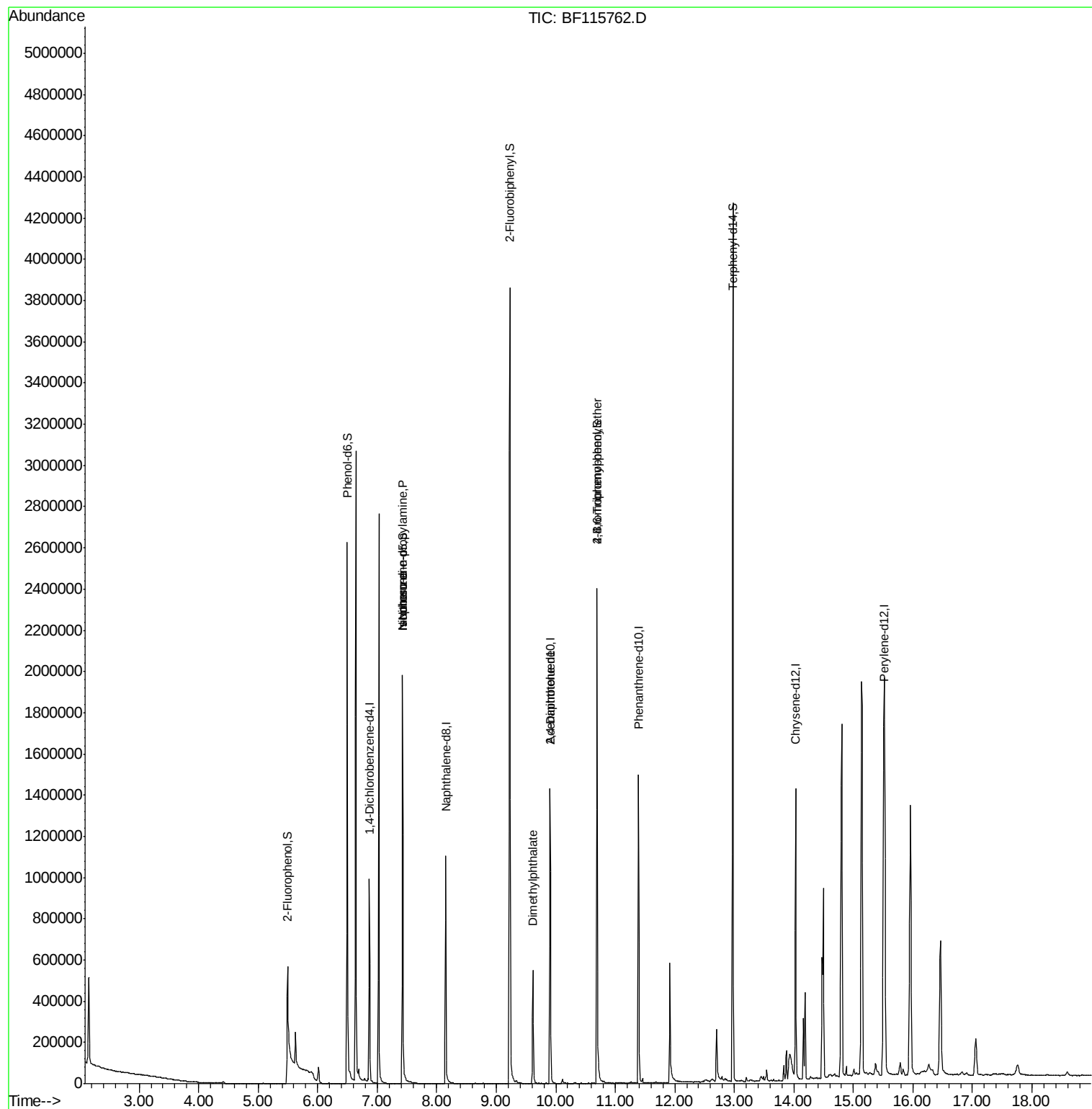
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	135145	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	530646	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	296088	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	561204	20.00	ng	0.00
76) Chrysene-d12	14.03	240	464505	20.00	ng	0.00
87) Perylene-d12	15.50	264	458893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	449527	54.41	ng	0.00
7) Phenol-d6	6.50	99	1097333	104.67	ng	0.00
23) Nitrobenzene-d5	7.43	82	714170	78.26	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	342879	99.21	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1288354	76.16	ng	0.00
79) Terphenyl-d14	12.97	244	1619329	64.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	95271	13.934	ng	# 78
25) Isophorone	7.43	82	714165	39.108	ng	# 65
50) Dimethylphthalate	9.62	163	233958	10.502	ng	# 98
57) 2,4-Dinitrotoluene	9.90	165	38118	5.812	ng	# 24
67) 4-Bromophenyl-phenylether	10.69	248	20649	3.220	ng	# 1

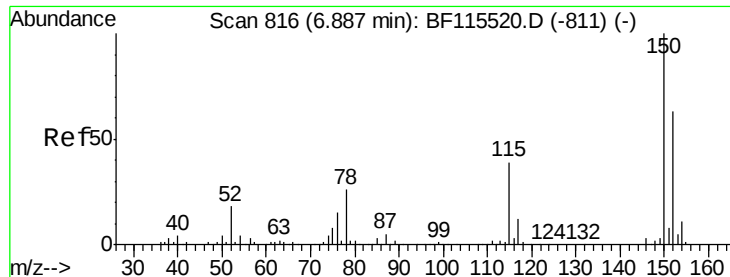
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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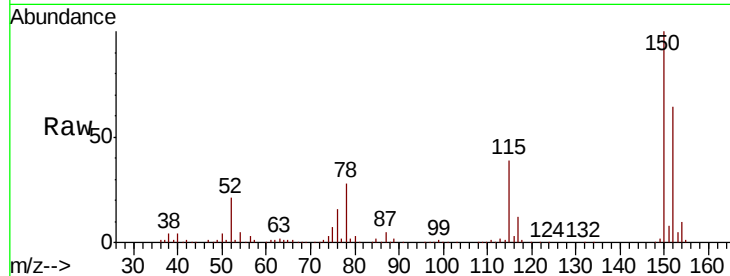


#1

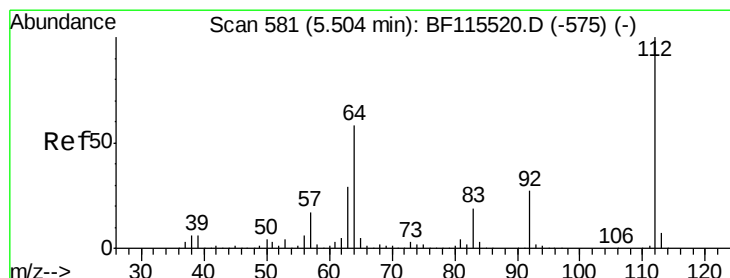
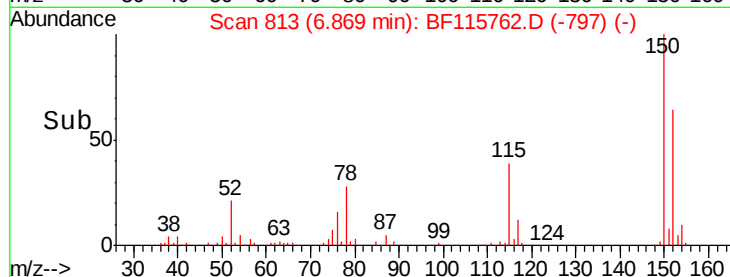
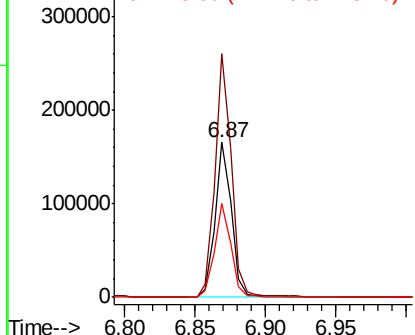
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115762.D
Acq: 25 Jul 2019 16:53

Instrument :
BNA_F
ClientSampleId :
TP-1-B

Tot Ion:152 Resp: 135145
Ion Ratio Lower Upper
152 100
150 157.0 126.6 189.8
115 60.8 47.8 71.6



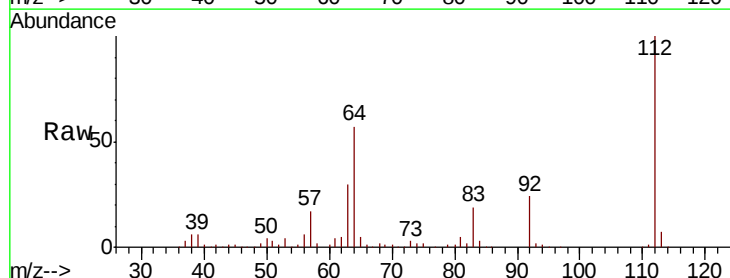
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



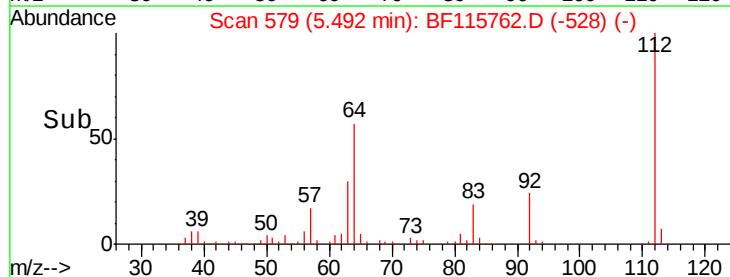
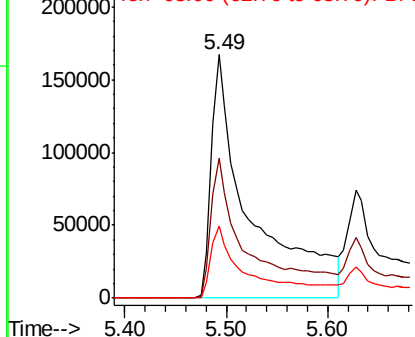
#5

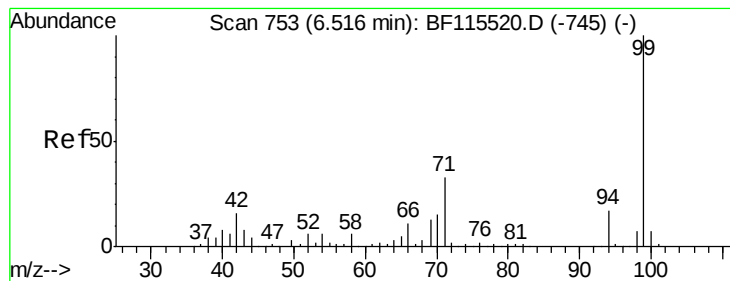
2-Fluorophenol
Concen: 54.408 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF115762.D
Acq: 25 Jul 2019 16:53

Tgt Ion:112 Resp: 449527
Ion Ratio Lower Upper
112 100
64 57.4 45.8 68.8
63 29.7 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: 104.670 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115762.D

Acq: 25 Jul 2019 16:53

Instrument :

BNA_F

ClientSampleId :

TP-1-B

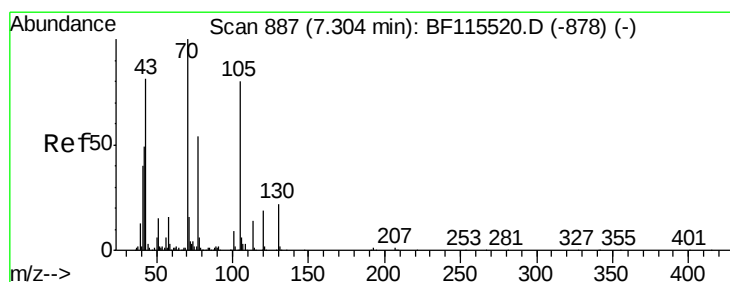
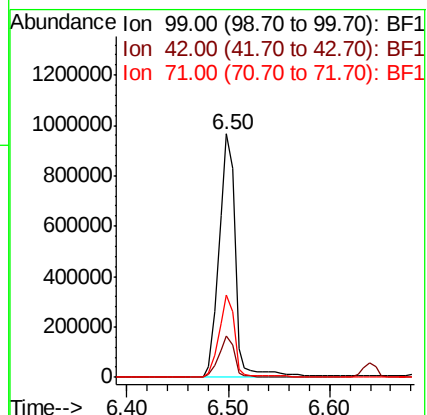
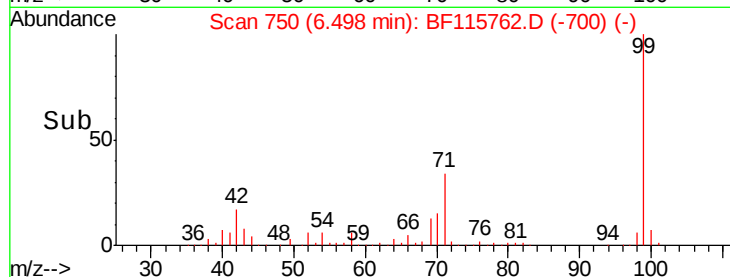
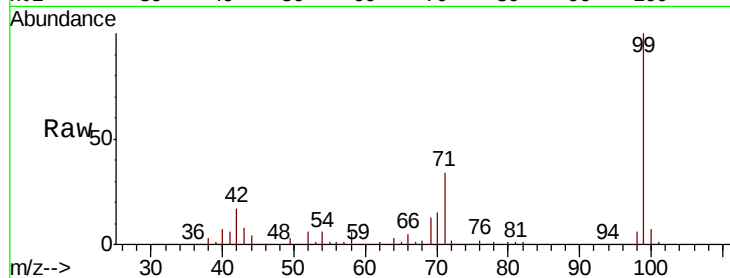
Tot Ion: 99 Resp: 1097333

Ion Ratio Lower Upper

99 100

42 17.0 13.4 20.2

71 34.0 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 13.934 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF115762.D

Acq: 25 Jul 2019 16:53

Tgt Ion: 70 Resp: 95271

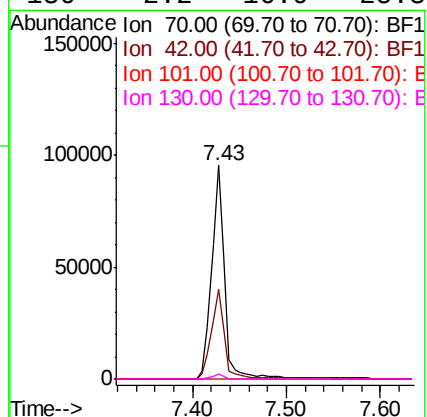
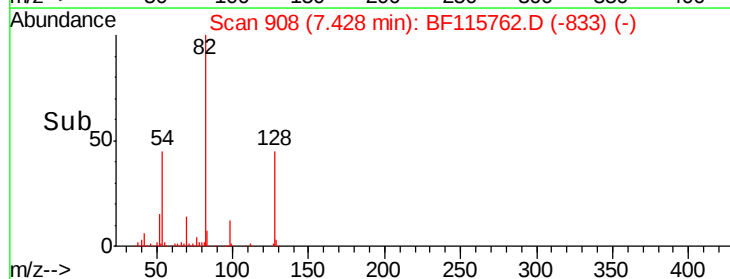
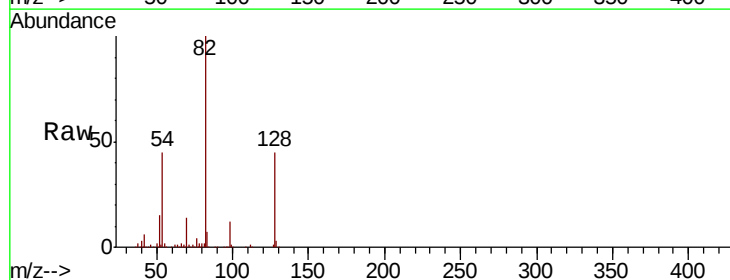
Ion Ratio Lower Upper

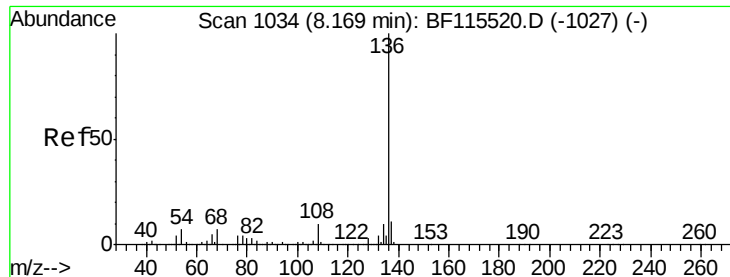
70 100

42 42.1 41.8 62.8

101 0.0 7.6 11.4#

130 2.2 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: BF115762.D

Acq: 25 Jul 2019 16:53

Instrument :

BNA_F

ClientSampleId :

TP-1-B

Tot Ion:136 Resp: 530646

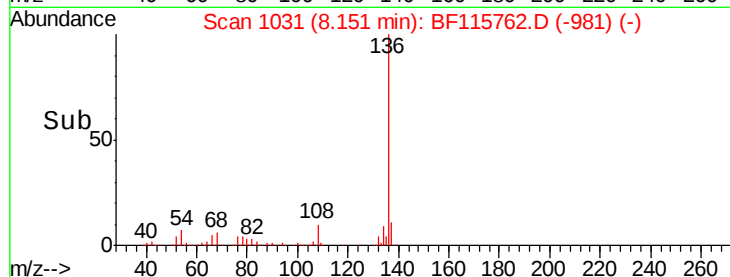
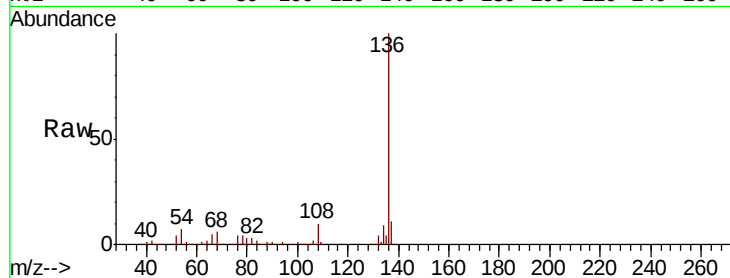
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.5 5.0 7.6

68 5.9 4.7 7.1



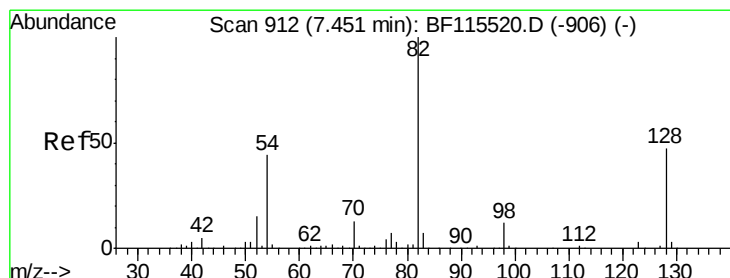
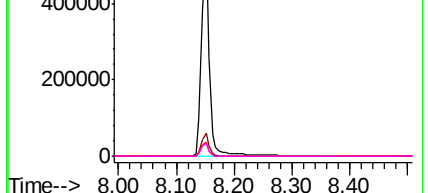
Abundance Ion 136.00 (135.70 to 136.70): E

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

8.15



#23

Nitrobenzene-d5

Concen: 78.257 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF115762.D

Acq: 25 Jul 2019 16:53

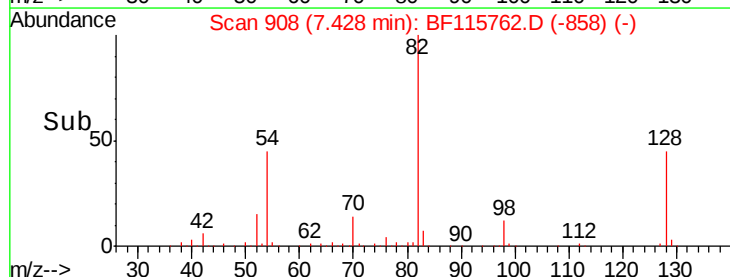
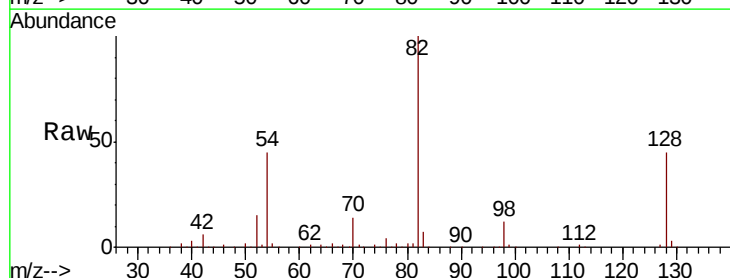
Tgt Ion: 82 Resp: 714170

Ion Ratio Lower Upper

82 100

128 44.9 36.6 55.0

54 44.7 36.6 54.8

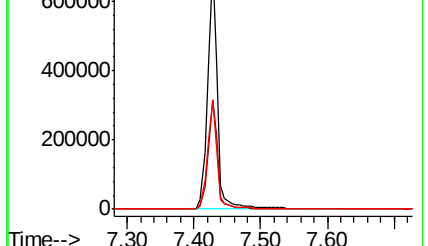


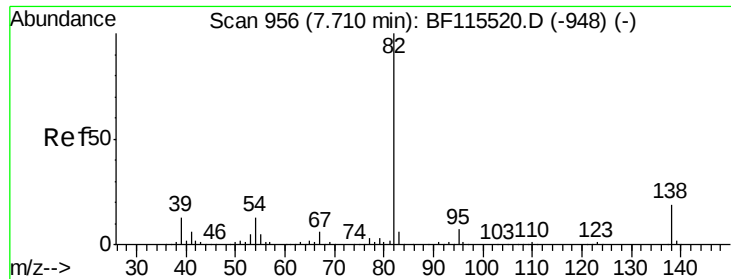
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

7.43





#25

Isophorone

Concen: 39.108 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF115762.D

Acq: 25 Jul 2019 16:53

Instrument :

BNA_F

ClientSampleId :

TP-1-B

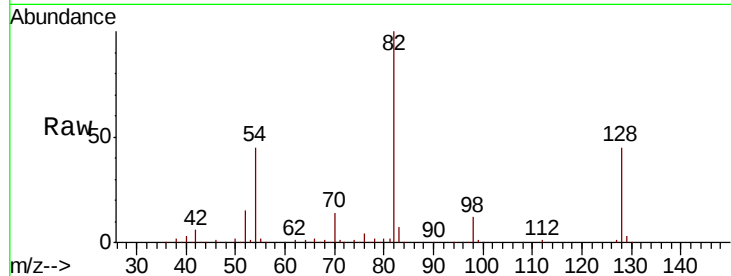
Tot Ion: 82 Resp: 714165

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

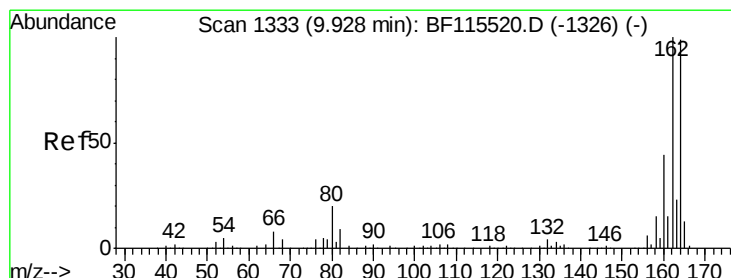
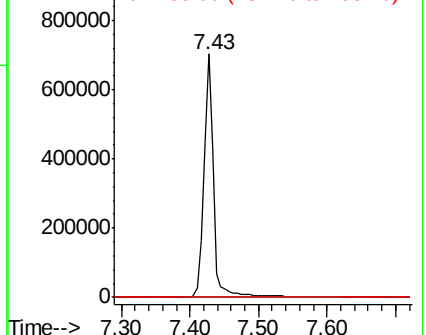
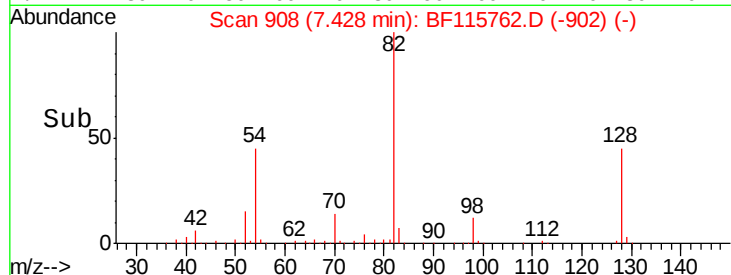
138 0.0 14.2 21.4#



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: BF115762.D

Acq: 25 Jul 2019 16:53

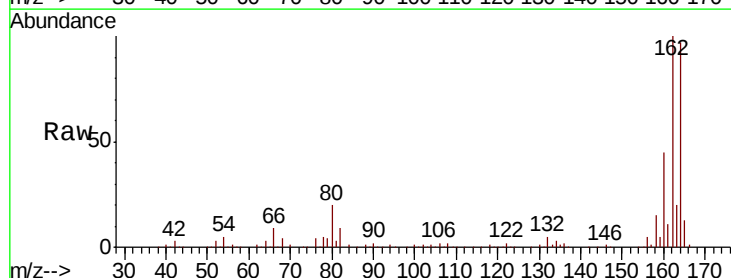
Tgt Ion: 164 Resp: 296088

Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.6

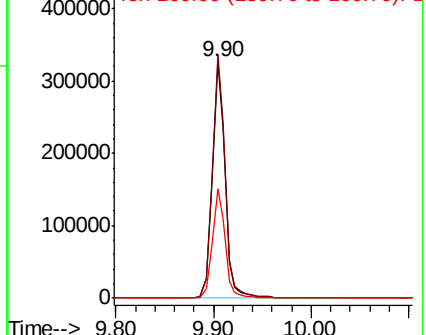
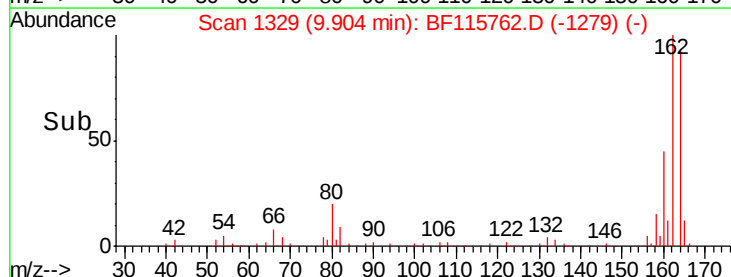
160 46.1 37.5 56.3

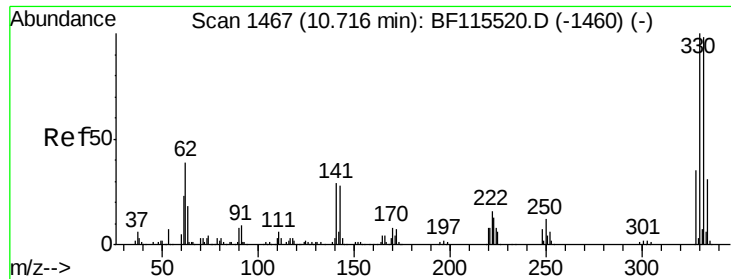


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

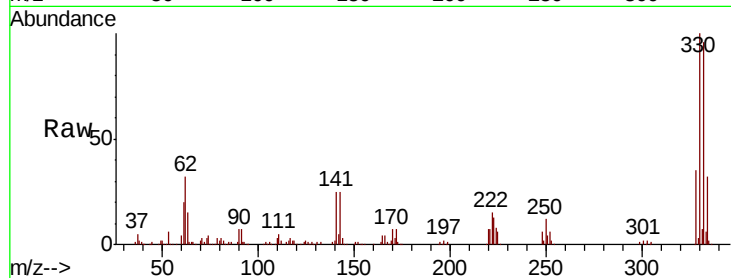




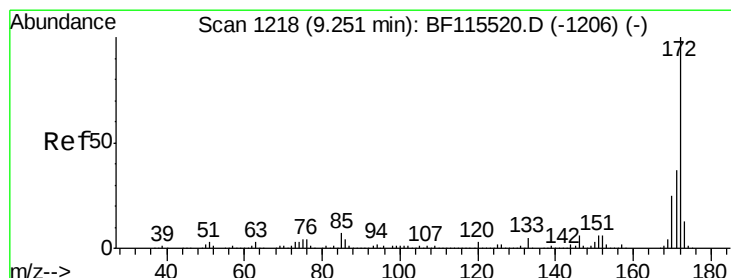
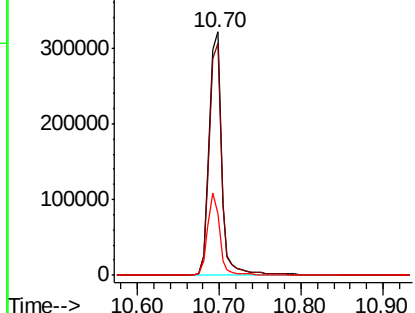
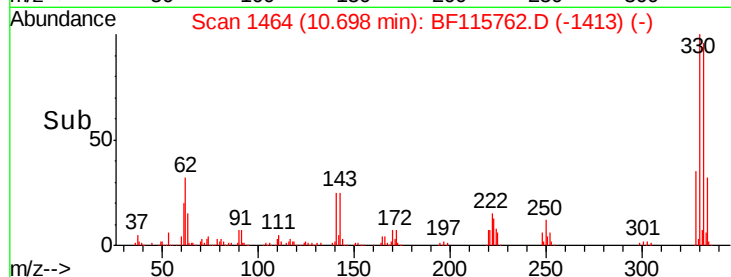
#42
 2,4,6-Tribromophenol
 Concen: 99.211 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF115762.D
 Acq: 25 Jul 2019 16:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-B

Tot Ion:330 Resp: 342879
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.1 114.1
 141 33.4 25.9 38.9

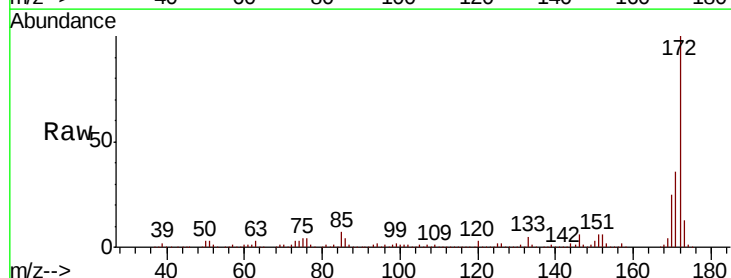


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

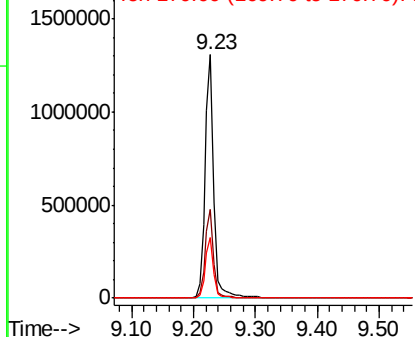
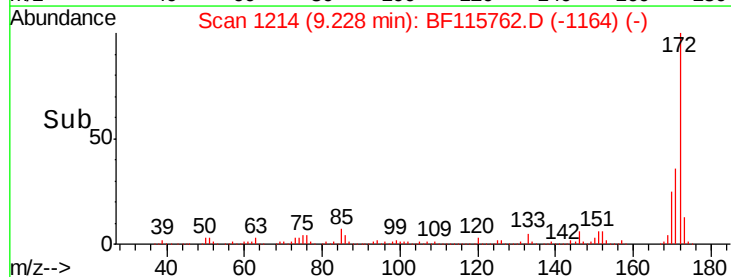


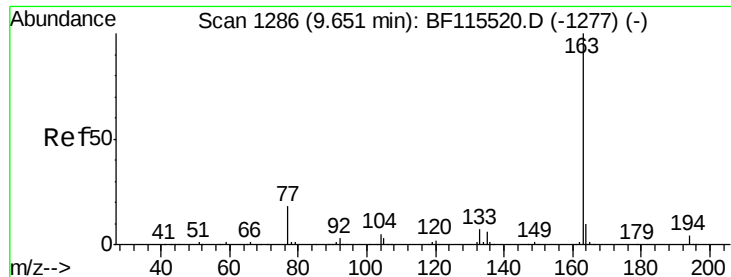
#45
 2-Fluorobiphenyl
 Concen: 76.159 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115762.D
 Acq: 25 Jul 2019 16:53

Tgt Ion:172 Resp: 1288354
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.4
 170 24.7 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: 10.502 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF115762.D

Acq: 25 Jul 2019 16:53

Instrument :

BNA_F

ClientSampleId :

TP-1-B

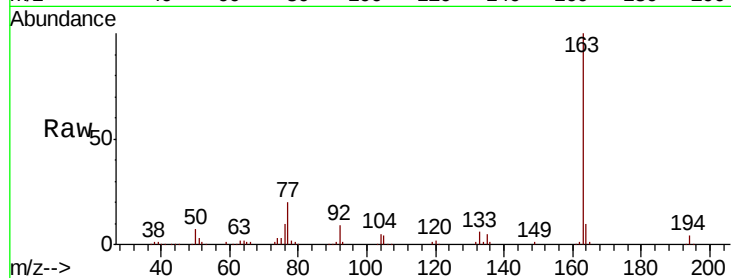
Tot Ion:163 Resp: 233958

Ion Ratio Lower Upper

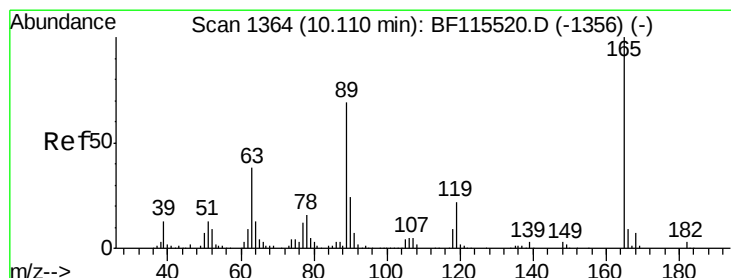
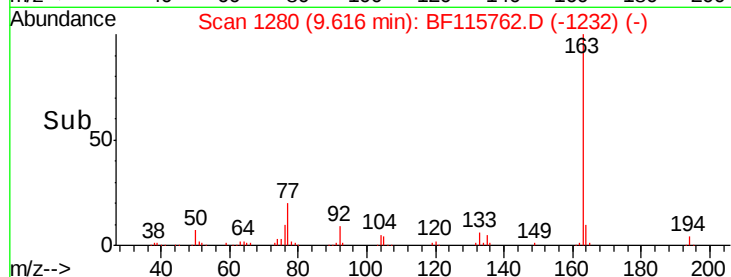
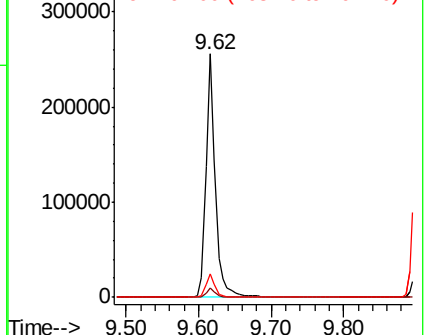
163 100

194 3.6 3.2 4.8

164 9.7 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: 5.812 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.19 min

Lab File: BF115762.D

Acq: 25 Jul 2019 16:53

Tgt Ion:165 Resp: 38118

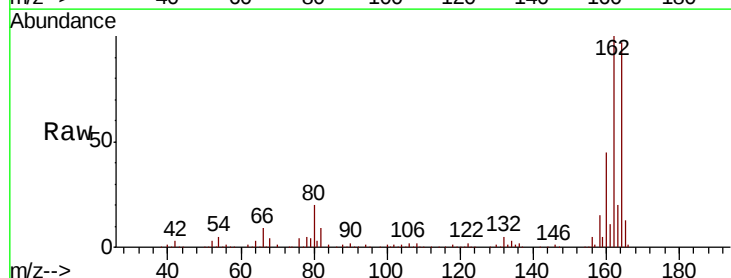
Ion Ratio Lower Upper

165 100

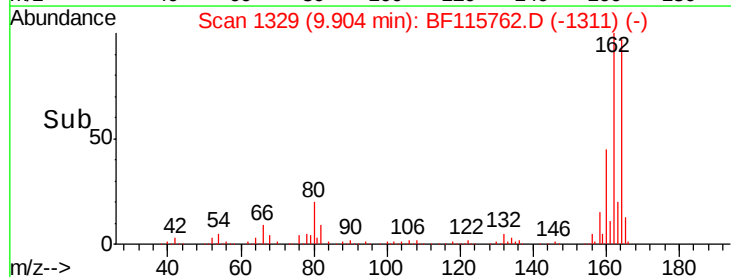
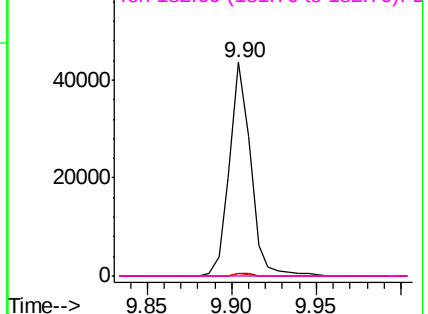
63 1.2 33.4 50.2#

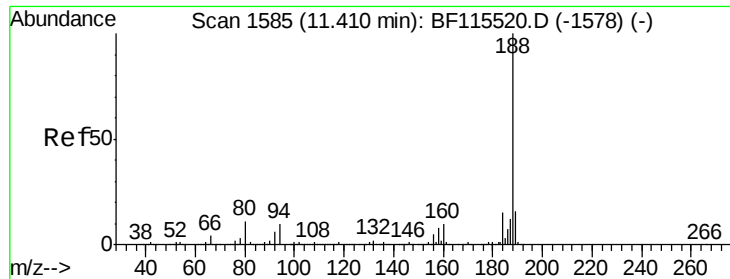
89 1.2 57.3 85.9#

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

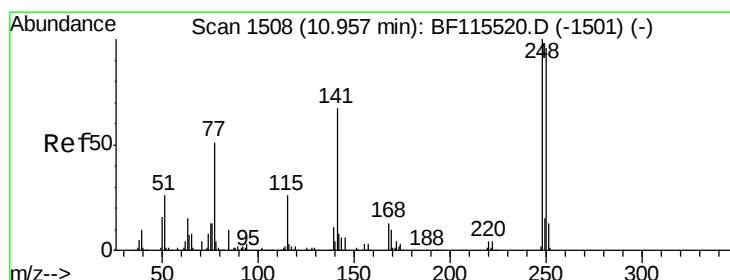
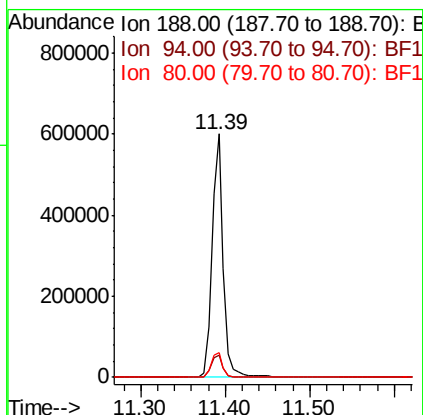
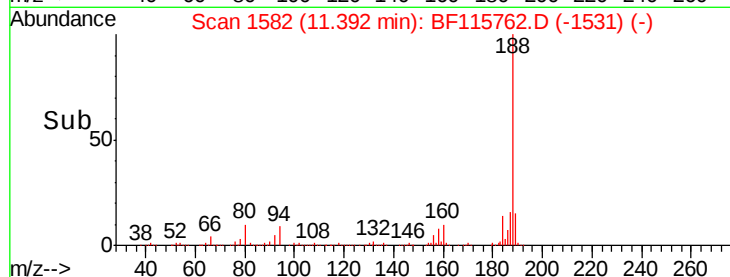
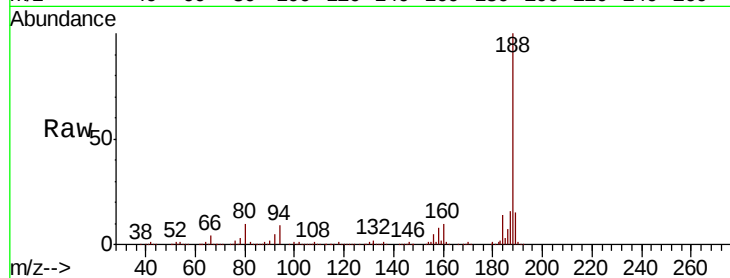




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF115762.D
Acq: 25 Jul 2019 16:53

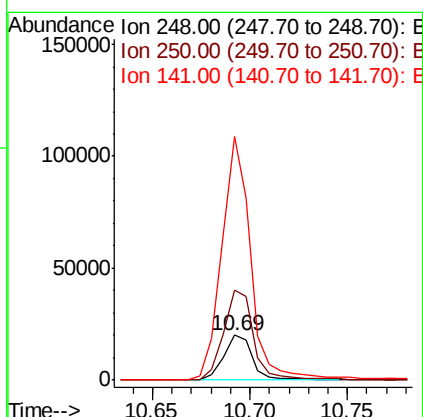
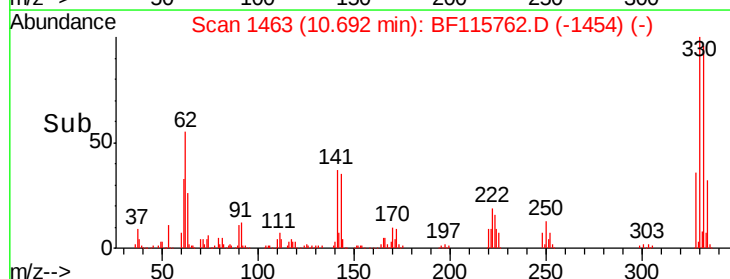
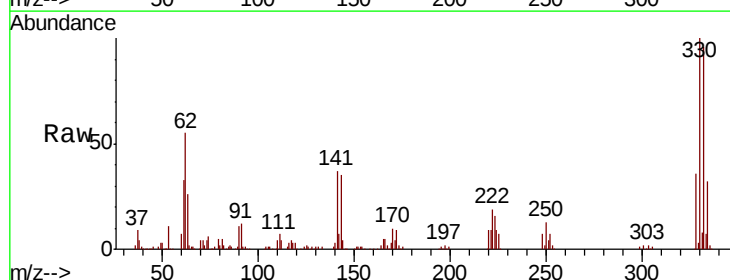
Instrument :
BNA_F
ClientSampleId :
TP-1-B

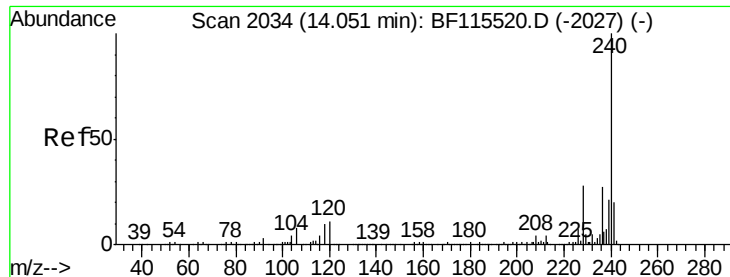
Tot Ion:188 Resp: 561204
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.2
80 9.9 9.0 13.6



#67
4-Bromophenyl-phenylether
Concen: 3.220 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.25 min
Lab File: BF115762.D
Acq: 25 Jul 2019 16:53

Tgt Ion:248 Resp: 20649
Ion Ratio Lower Upper
248 100
250 200.4 77.0 115.4#
141 545.4 52.1 78.1#

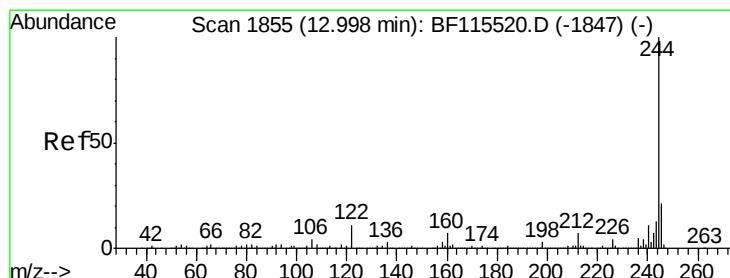
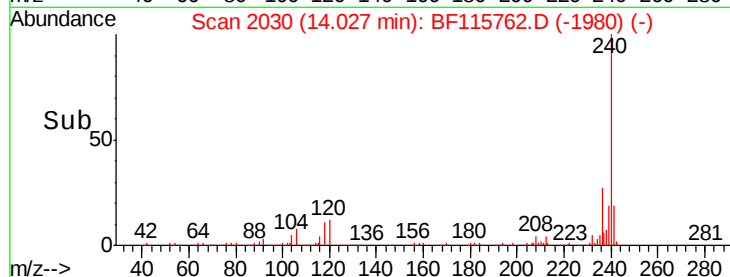
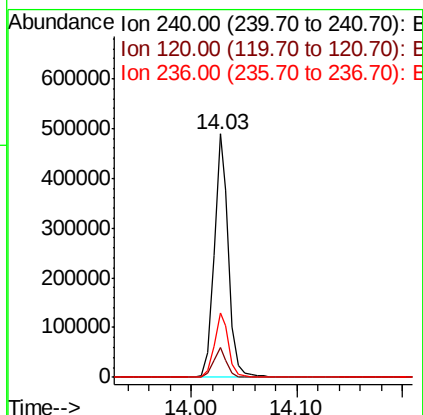
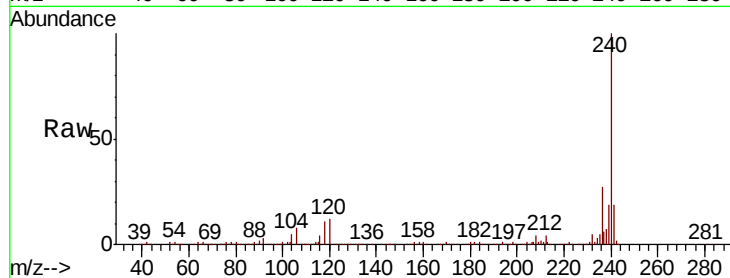




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF115762.D
 Acq: 25 Jul 2019 16:53

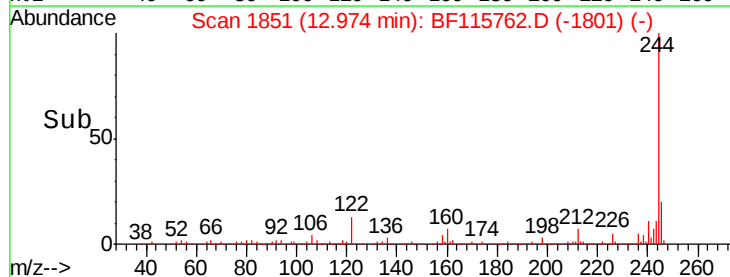
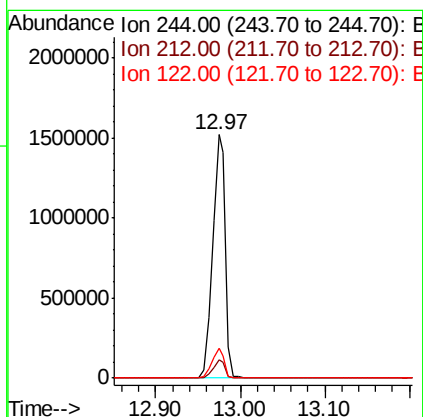
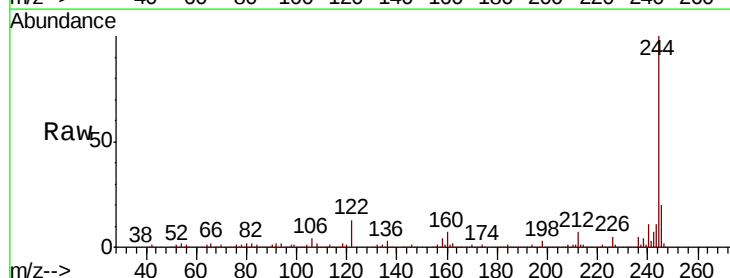
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-B

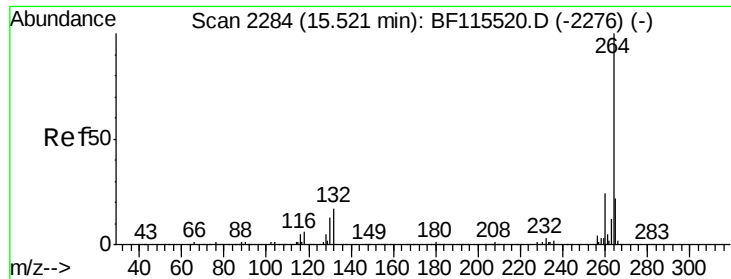
Tot Ion:240 Resp: 464505
 Ion Ratio Lower Upper
 240 100
 120 12.3 10.0 15.0
 236 26.7 21.8 32.6



#79
 Terphenyl-d14
 Concen: 64.325 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF115762.D
 Acq: 25 Jul 2019 16:53

Tgt Ion:244 Resp: 1619329
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 12.5 8.2 12.4#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.01 min
 Lab File: BF115762.D
 Acq: 25 Jul 2019 16:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	21.6	17.5	26.3

