

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
 Data File : BF115770.D
 Acq On : 25 Jul 2019 20:54
 Operator : HP/JU
 Sample : K3990-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-A

Quant Time: Jul 26 05:59:34 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

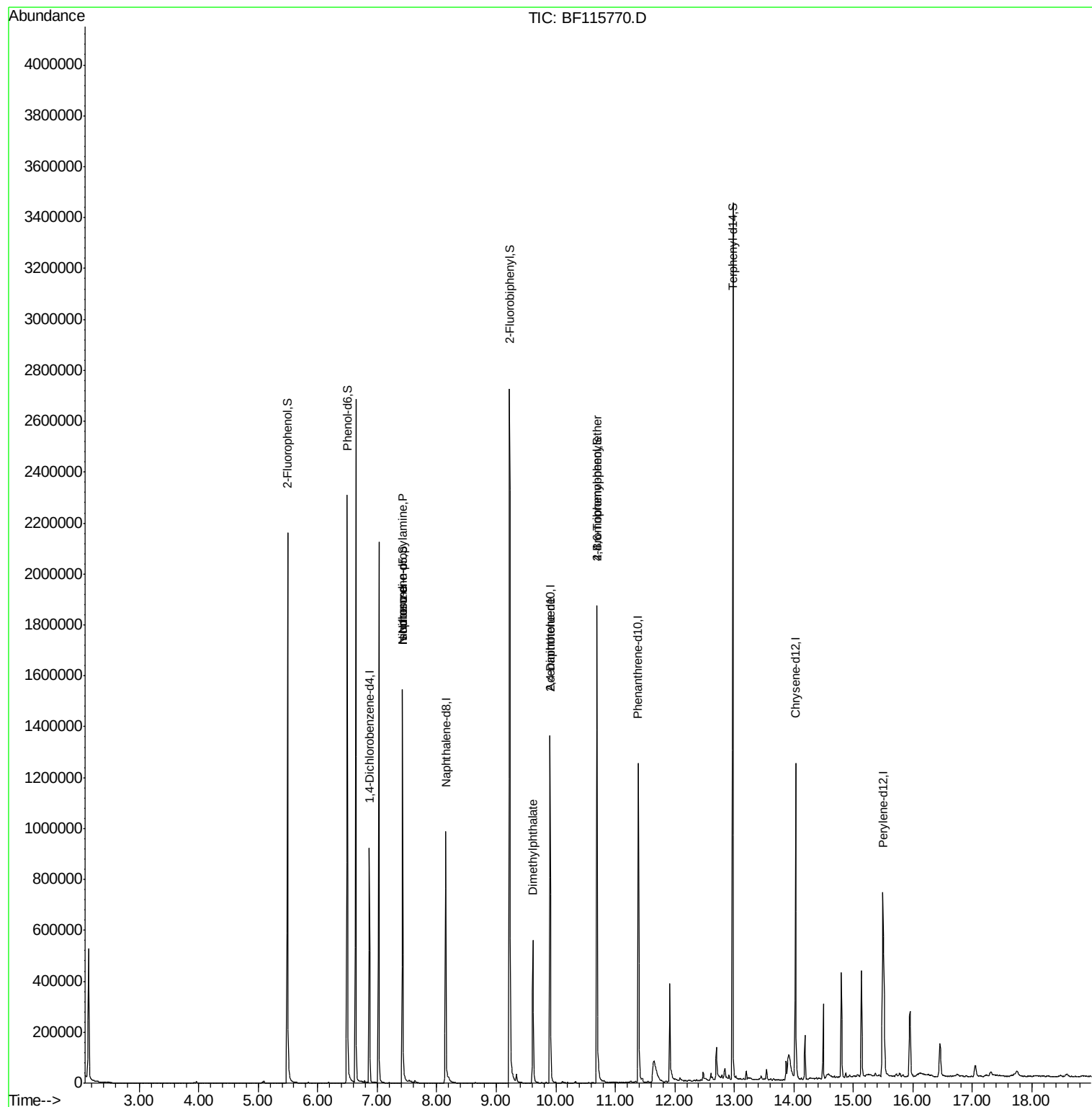
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	127537	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	505172	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	279061	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	532713	20.00	ng	0.00
76) Chrysene-d12	14.03	240	422729	20.00	ng	0.00
87) Perylene-d12	15.49	264	404146	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	629070	80.68	ng	0.00
7) Phenol-d6	6.50	99	825819	83.47	ng	0.00
23) Nitrobenzene-d5	7.43	82	517892	59.61	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	252938	77.65	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	953531	59.81	ng	-0.01
79) Terphenyl-d14	12.97	244	1192043	52.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	68607	10.633	ng	# 79
25) Isophorone	7.43	82	517886	29.790	ng	# 65
50) Dimethylphthalate	9.62	163	248937	11.857	ng	99
57) 2,4-Dinitrotoluene	9.90	165	36177	5.852	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	15176	2.493	ng	# 1

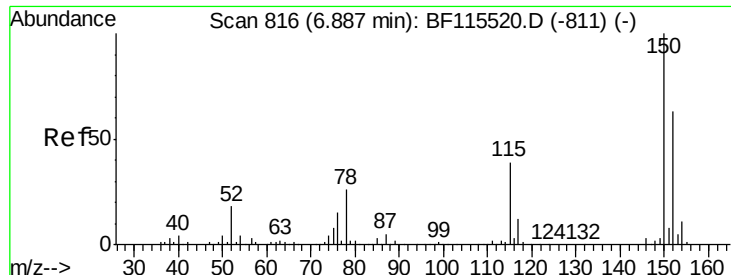
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5-A

Quant Time: Jul 26 05:59:34 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



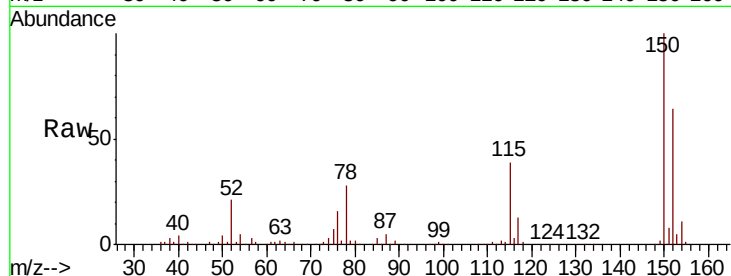


#1

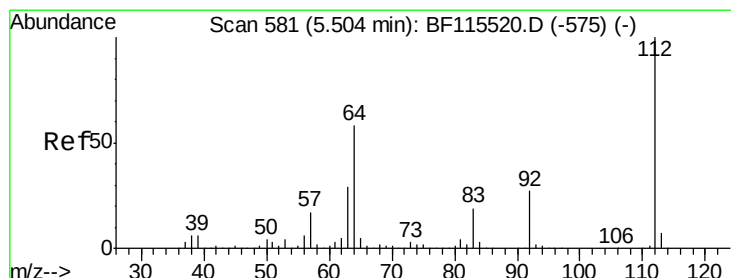
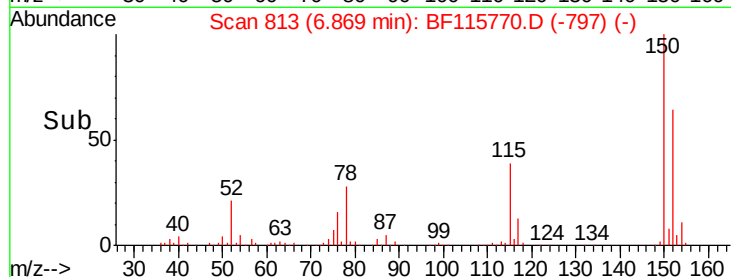
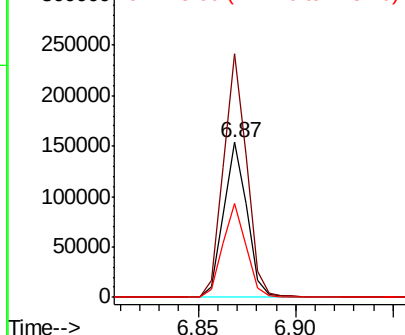
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115770.D
Acq: 25 Jul 2019 20:54

Instrument :
BNA_F
ClientSampleId :
TP-5-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.6	189.8
115	60.6	47.8	71.6



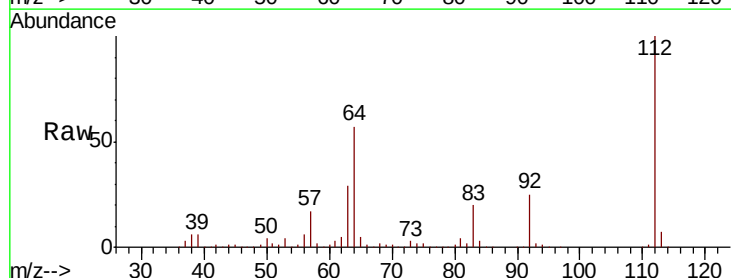
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



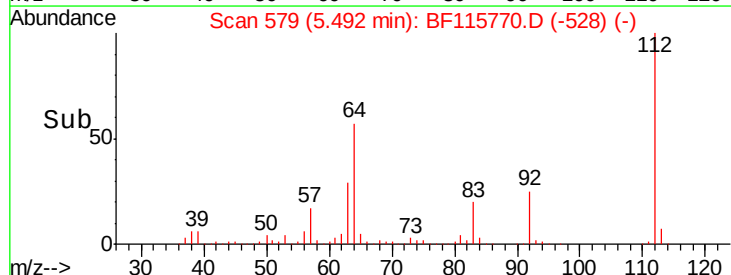
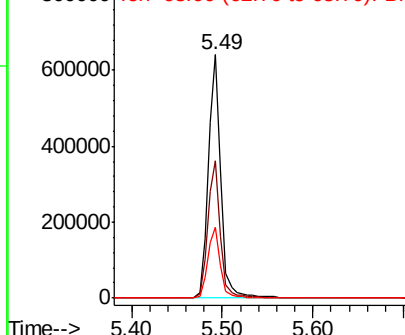
#5

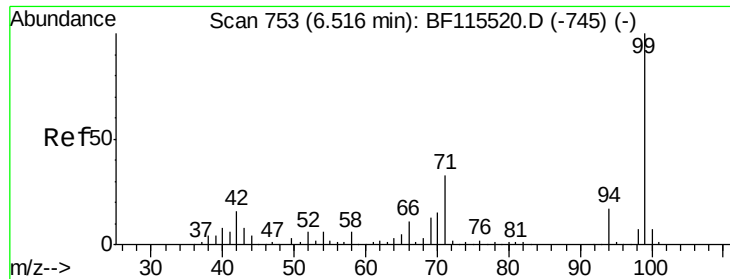
2-Fluorophenol
Concen: 80.681 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF115770.D
Acq: 25 Jul 2019 20:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	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: 83.470 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115770.D

Acq: 25 Jul 2019 20:54

Instrument :

BNA_F

ClientSampled :

TP-5-A

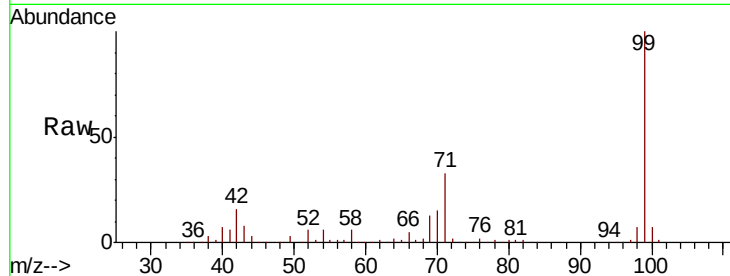
Tot Ion: 99 Resp: 825819

Ion Ratio Lower Upper

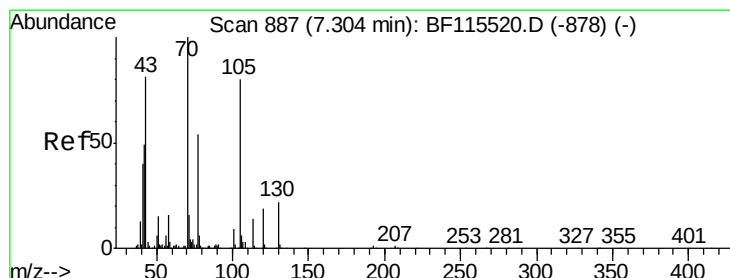
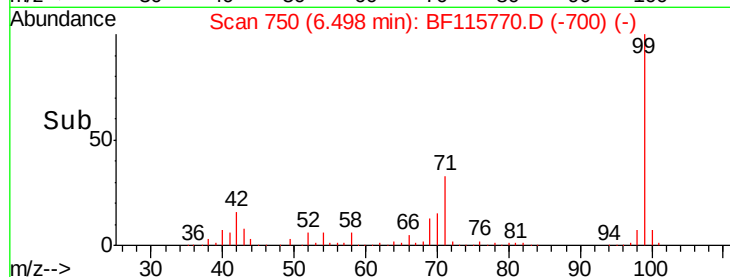
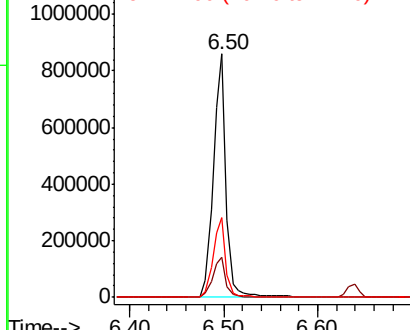
99 100

42 16.5 13.4 20.2

71 32.7 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: 10.633 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF115770.D

Acq: 25 Jul 2019 20:54

Tgt Ion: 70 Resp: 68607

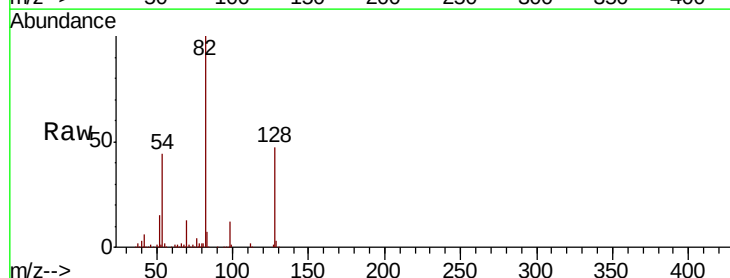
Ion Ratio Lower Upper

70 100

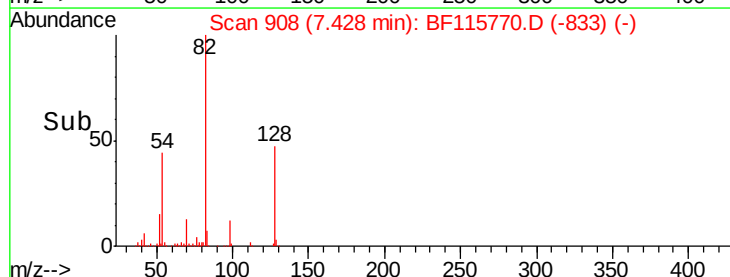
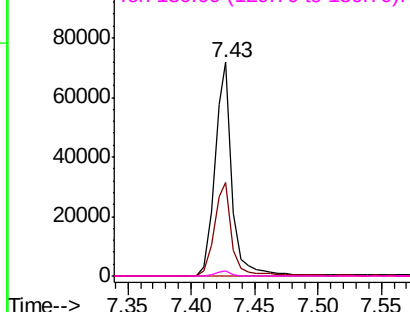
42 43.7 41.8 62.8

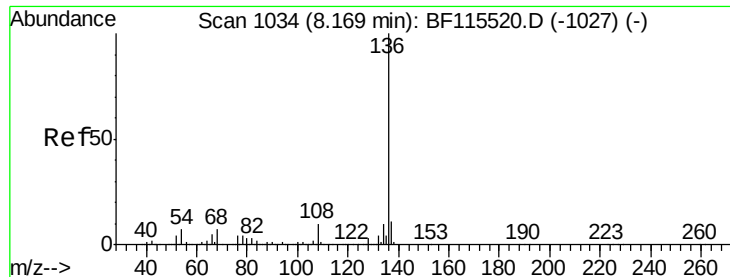
101 0.0 7.6 11.4#

130 2.3 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

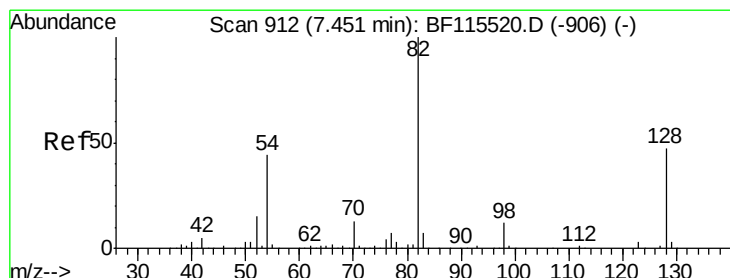
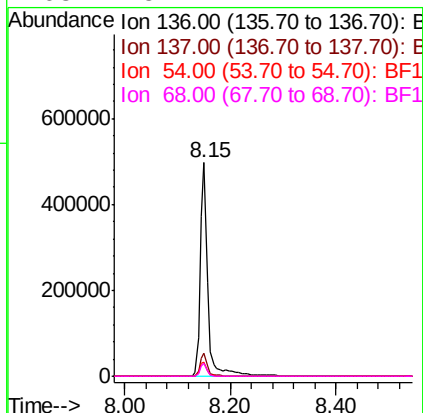
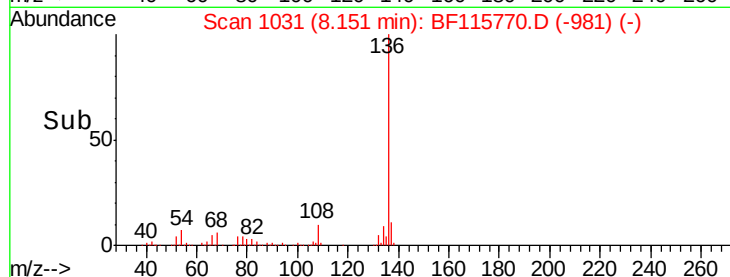
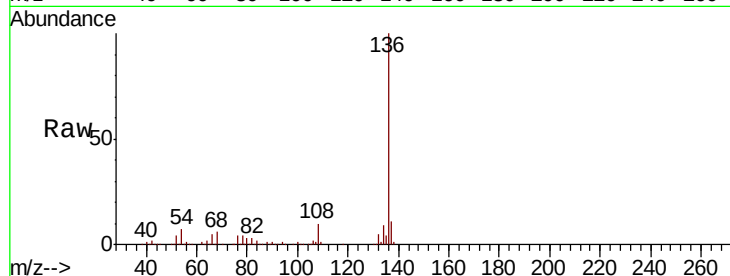




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115770.D
Acq: 25 Jul 2019 20:54

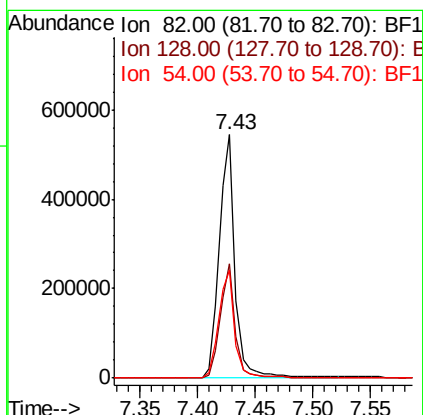
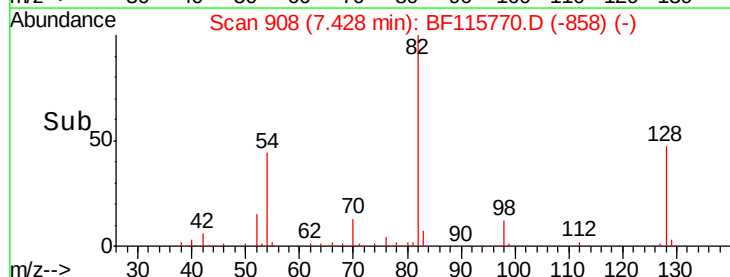
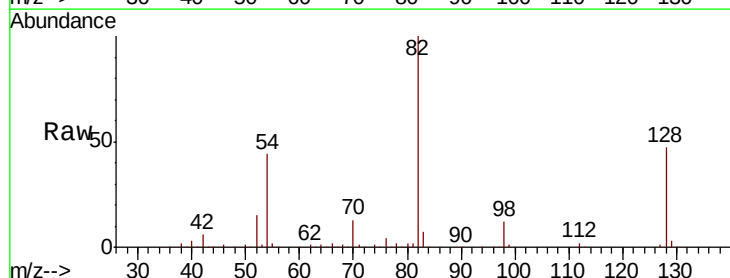
Instrument :
BNA_F
ClientSampleId :
TP-5-A

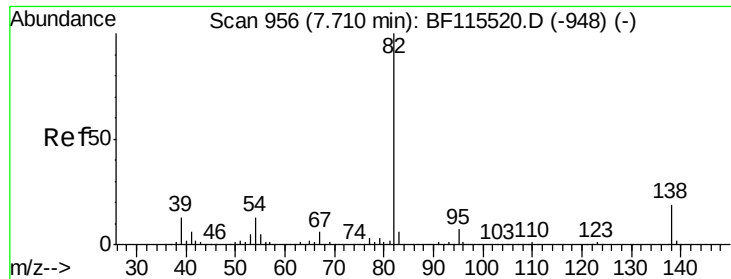
Tot Ion:136	Resp:	505172
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.7 13.1
54	6.7	5.0 7.6
68	5.7	4.7 7.1



#23
Nitrobenzene-d5
Concen: 59.611 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF115770.D
Acq: 25 Jul 2019 20:54

Tgt Ion: 82	Resp:	517892
Ion	Ratio	Lower Upper
82	100	
128	46.8	36.6 55.0
54	44.4	36.6 54.8





#25

Isophorone

Concen: 29.790 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF115770.D

Acq: 25 Jul 2019 20:54

Instrument :

BNA_F

ClientSampleId :

TP-5-A

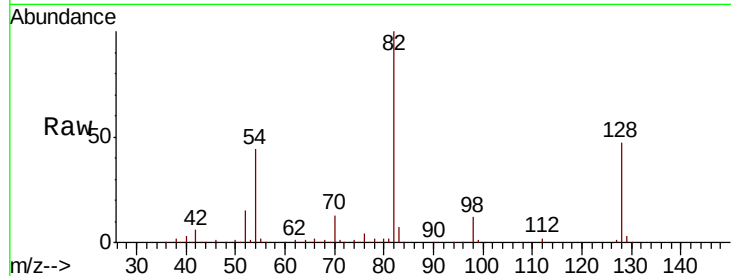
Tot Ion: 82 Resp: 517886

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

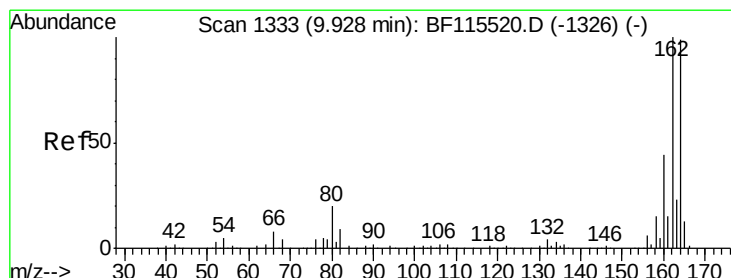
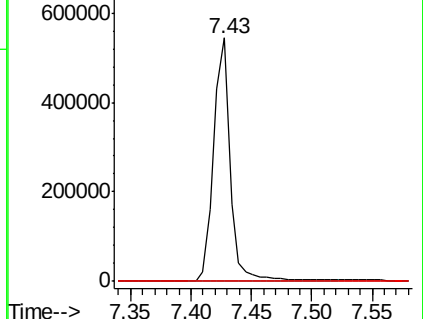
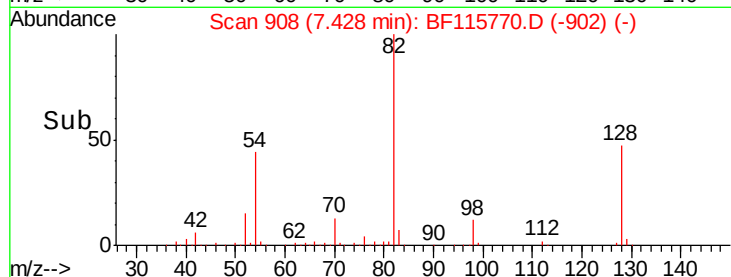
138 0.0 14.2 21.4#



Abundance Ion 82.00 (81.70 to 82.70): BF115770.D (-902) (-)

Ion 95.00 (94.70 to 95.70): BF115770.D (-902) (-)

Ion 138.00 (137.70 to 138.70): BF115770.D (-902) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF115770.D

Acq: 25 Jul 2019 20:54

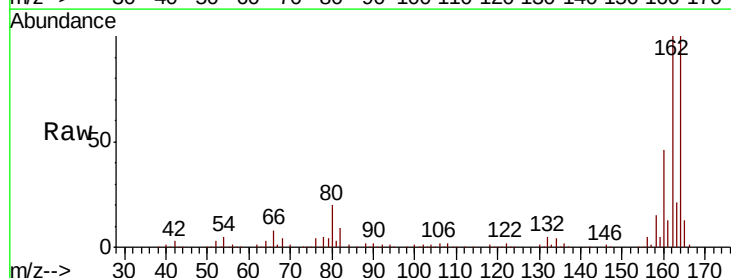
Tgt Ion: 164 Resp: 279061

Ion Ratio Lower Upper

164 100

162 100.3 81.8 122.6

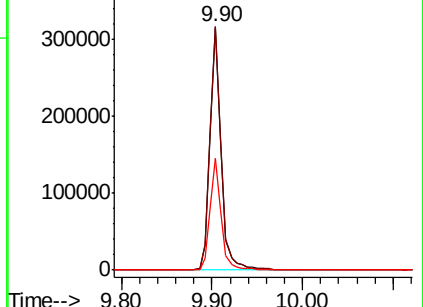
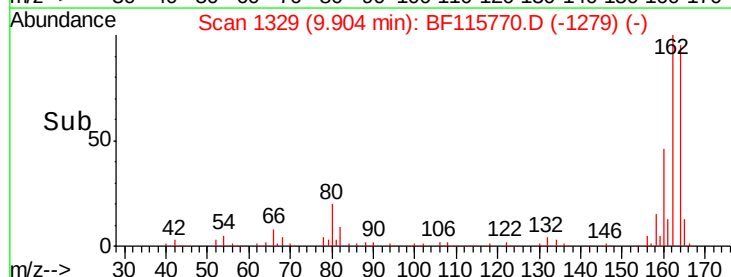
160 45.9 37.5 56.3

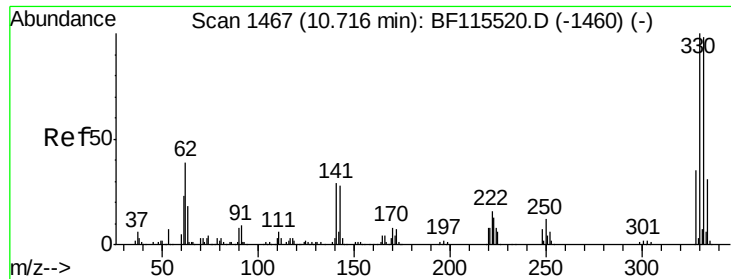


Abundance Ion 164.00 (163.70 to 164.70): BF115770.D (-1279) (-)

Ion 162.00 (161.70 to 162.70): BF115770.D (-1279) (-)

Ion 160.00 (159.70 to 160.70): BF115770.D (-1279) (-)





#42

2,4,6-Tribromophenol

Concen: 77.652 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF115770.D

Acq: 25 Jul 2019 20:54

Instrument :

BNA_F

ClientSampleId :

TP-5-A

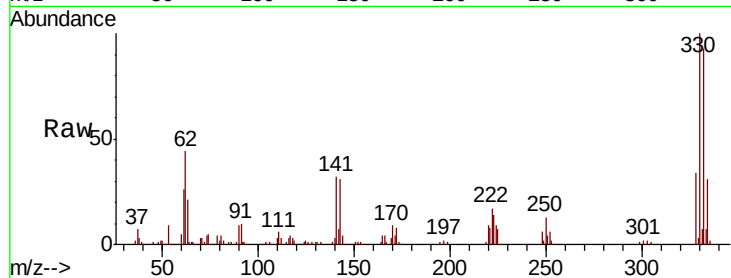
Tot Ion:330 Resp: 252938

Ion Ratio Lower Upper

330 100

332 95.0 76.1 114.1

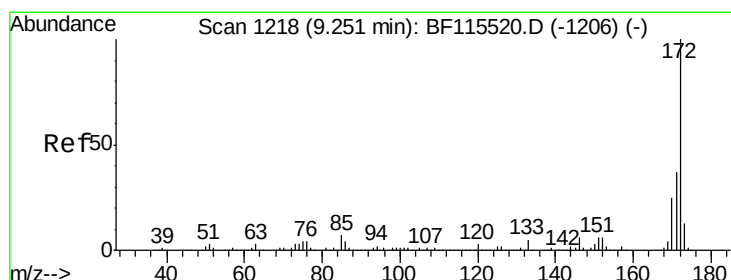
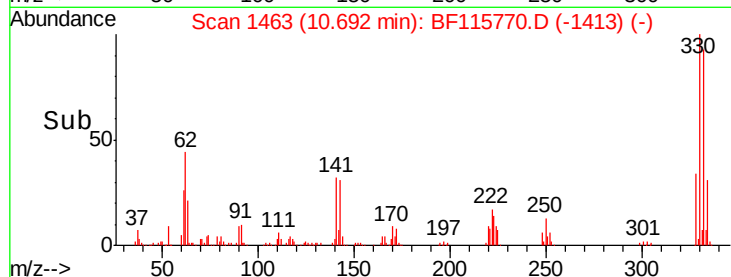
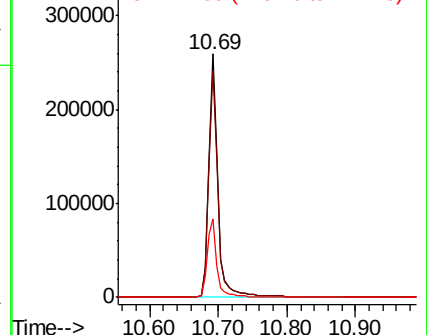
141 33.9 25.9 38.9



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: 59.806 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF115770.D

Acq: 25 Jul 2019 20:54

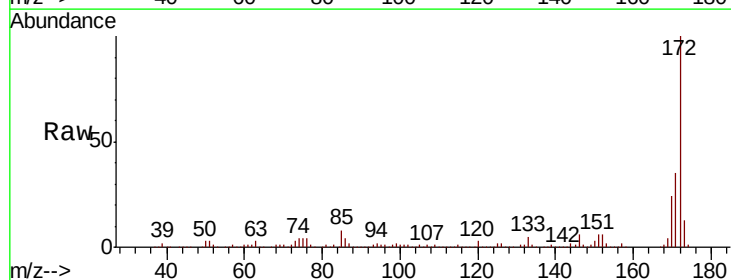
Tgt Ion:172 Resp: 953531

Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.4

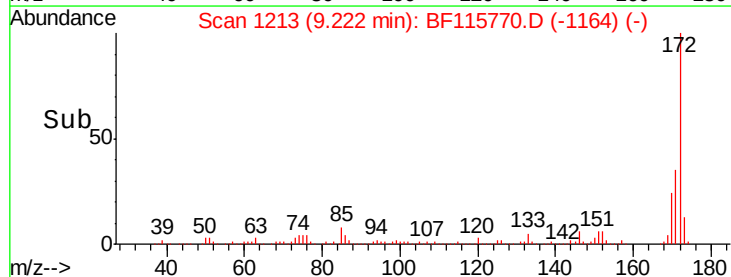
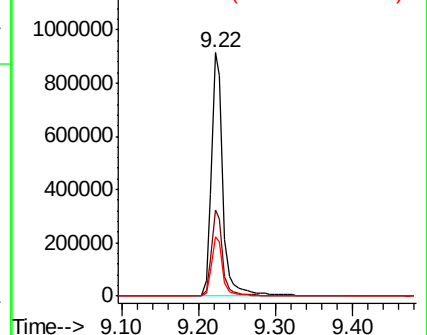
170 24.3 20.1 30.1

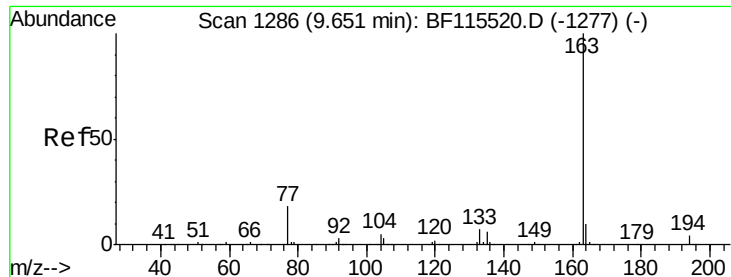


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

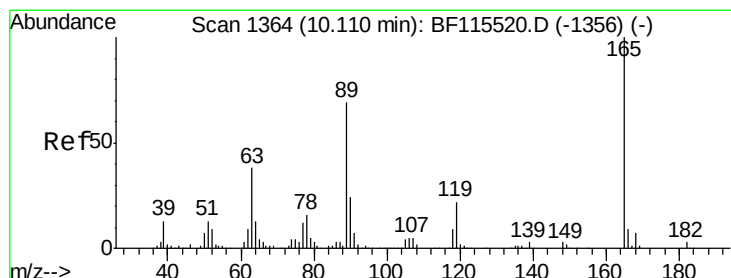
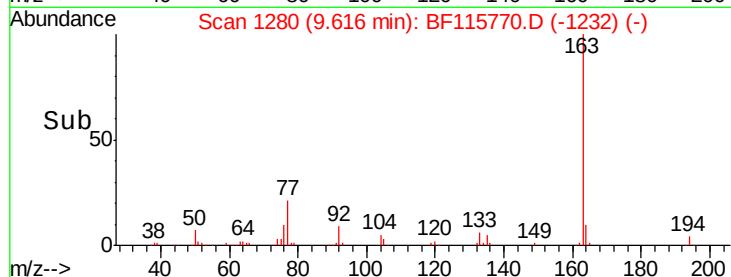
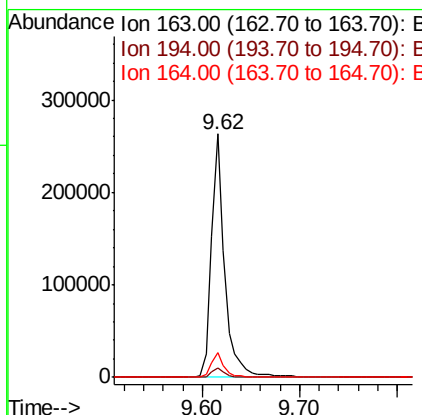
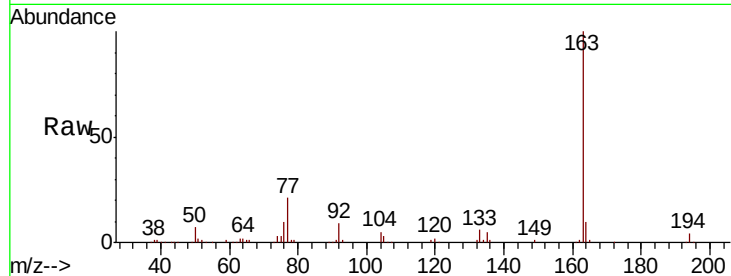




#50
Dimethylphthalate
Concen: 11.857 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF115770.D
Acq: 25 Jul 2019 20:54

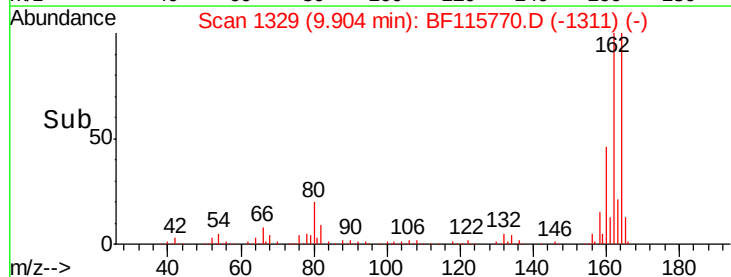
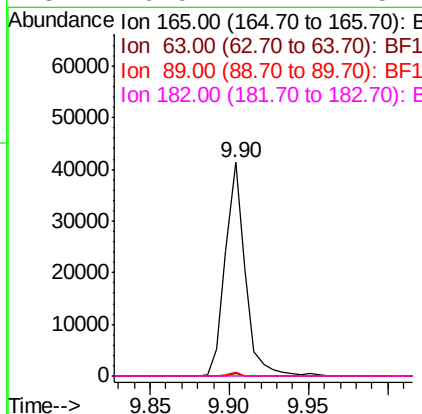
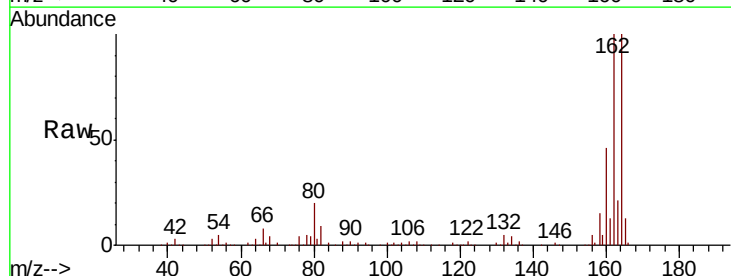
Instrument :
BNA_F
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TP-5-A

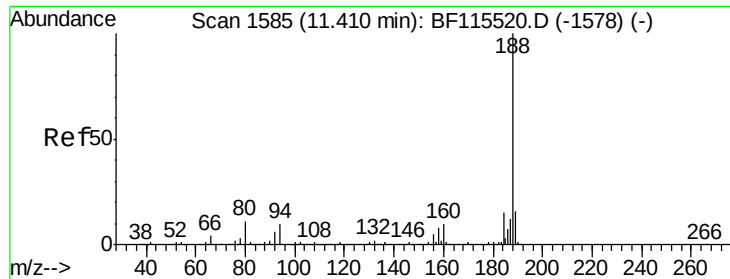
Tot Ion:163 Resp: 248937
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.0 8.3 12.5



#57
2,4-Dinitrotoluene
Concen: 5.852 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF115770.D
Acq: 25 Jul 2019 20:54

Tgt Ion:165 Resp: 36177
Ion Ratio Lower Upper
165 100
63 1.2 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# 1582

Delta R.T. -0.00 min

Lab File: BF115770.D

Acq: 25 Jul 2019 20:54

Instrument :

BNA_F

ClientSampleId :

TP-5-A

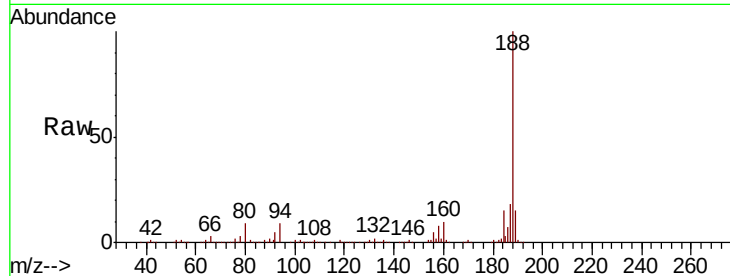
Tot Ion:188 Resp: 532713

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

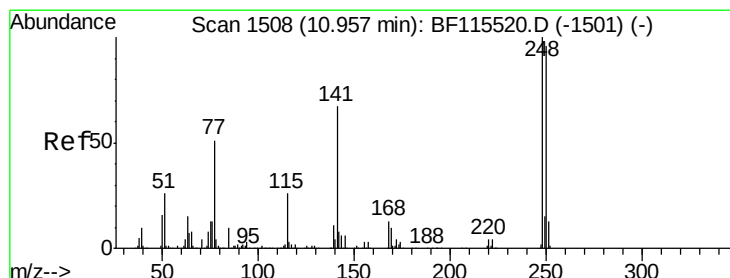
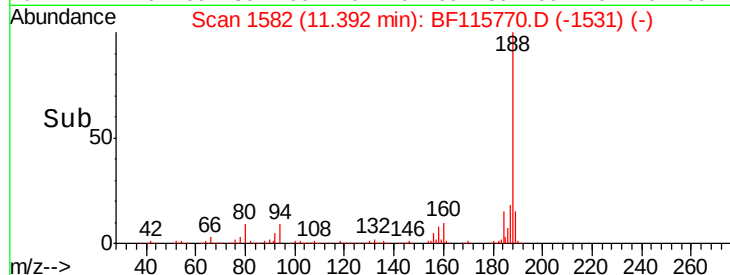
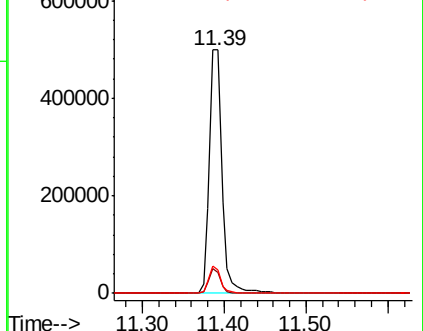
80 9.4 9.0 13.6



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: 2.493 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.25 min

Lab File: BF115770.D

Acq: 25 Jul 2019 20:54

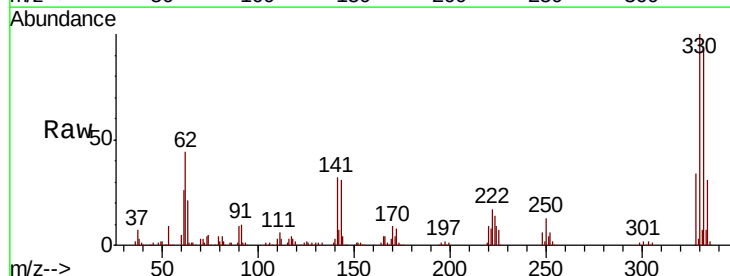
Tgt Ion:248 Resp: 15176

Ion Ratio Lower Upper

248 100

250 201.0 77.0 115.4#

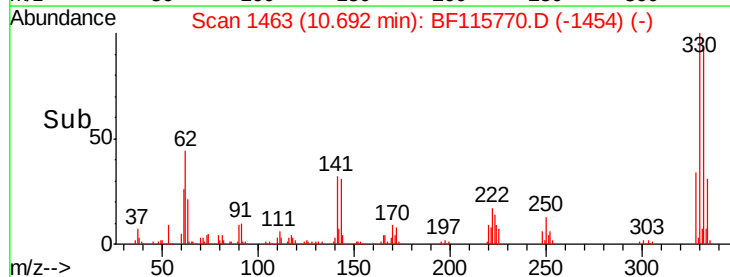
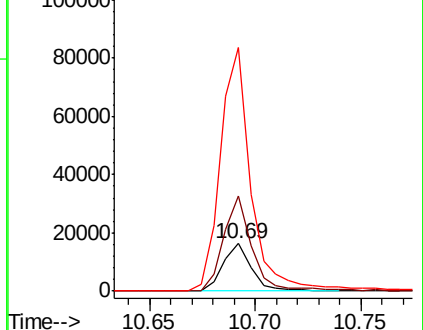
141 513.0 52.1 78.1#

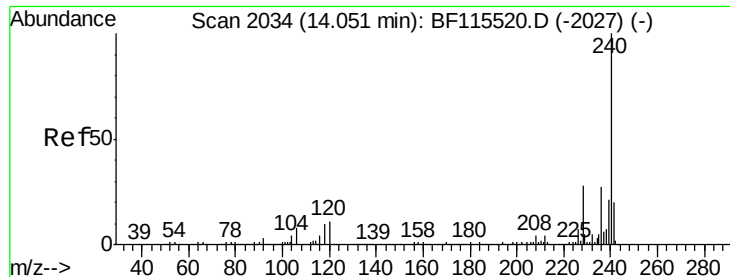


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

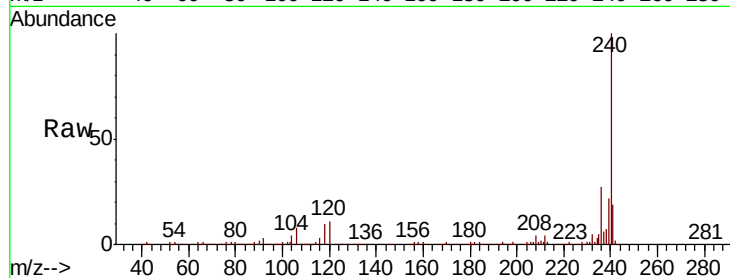




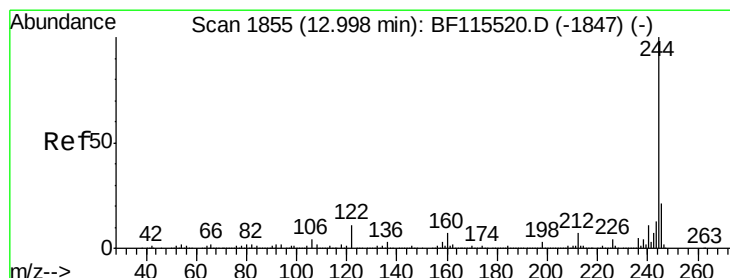
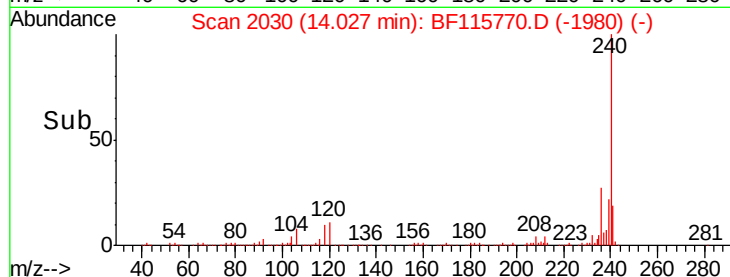
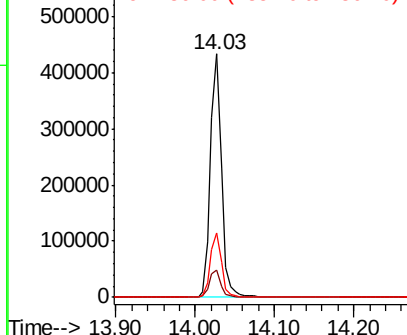
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF115770.D
 Acq: 25 Jul 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-A

Tot Ion:240 Resp: 422729
 Ion Ratio Lower Upper
 240 100
 120 11.3 10.0 15.0
 236 26.6 21.8 32.6

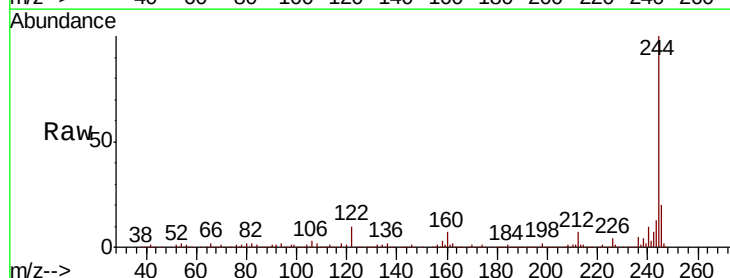


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

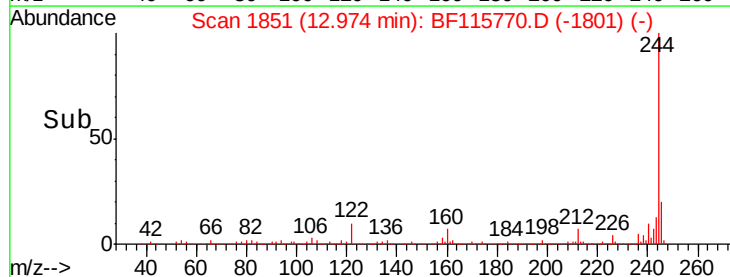
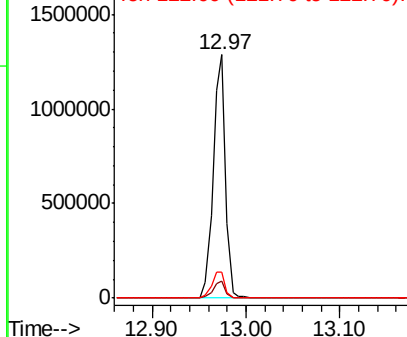


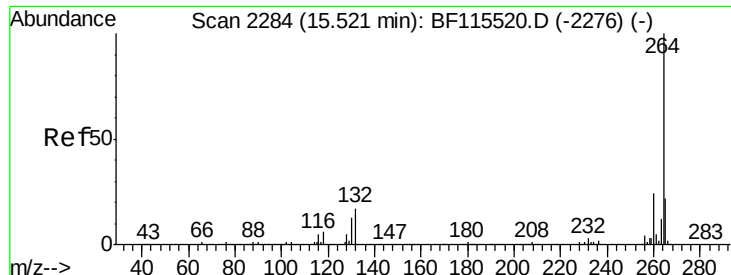
#79
 Terphenyl-d14
 Concen: 52.031 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF115770.D
 Acq: 25 Jul 2019 20:54

Tgt Ion:244 Resp: 1192043
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.5 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: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF115770.D
 Acq: 25 Jul 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-A

Tot Ion:	264	Resp:	404146
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	22.5	17.5	26.3

