

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
 Data File : BF115921.D
 Acq On : 1 Aug 2019 21:55
 Operator : HP/JU
 Sample : K4066-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11

Quant Time: Aug 02 05:02:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

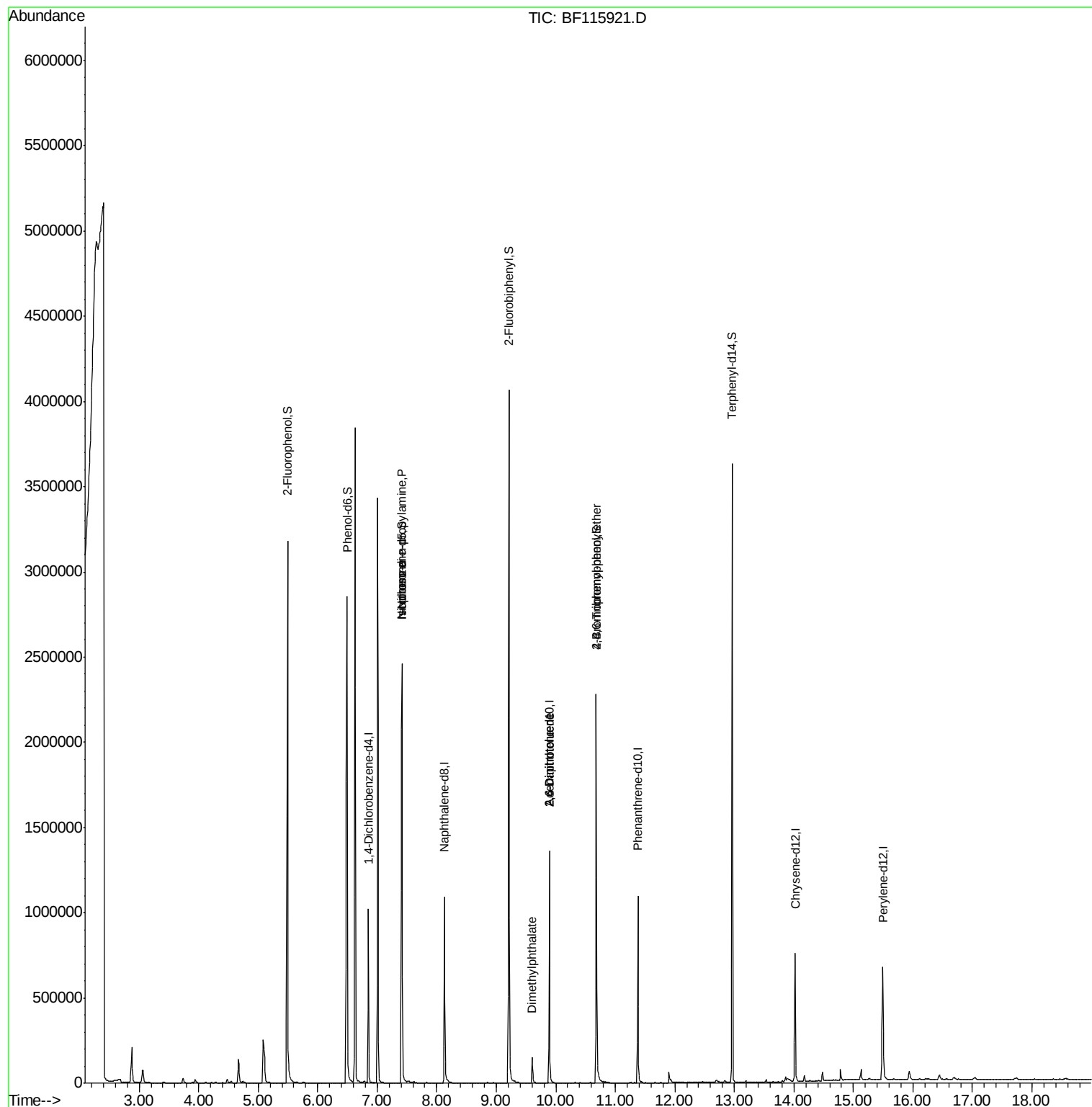
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142200	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	535889	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	270839	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	419998	20.00	ng	0.00
76) Chrysene-d12	14.02	240	273092	20.00	ng	0.00
87) Perylene-d12	15.49	264	337668	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	992930	116.89	ng	0.02
7) Phenol-d6	6.49	99	1195653	111.57	ng	0.00
23) Nitrobenzene-d5	7.42	82	877382	94.51	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	323915	123.36	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1468369	101.55	ng	0.00
79) Terphenyl-d14	12.96	244	1225964	94.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	117959	17.762	ng	# 78
25) Isophorone	7.42	82	877376	49.424	ng	# 66
50) Dimethylphthalate	9.60	163	71567	3.881	ng	99
51) 2,6-Dinitrotoluene	9.89	165	34915	8.712	ng	# 28
57) 2,4-Dinitrotoluene	9.89	165	34915	6.544	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	20056	4.461	ng	# 1

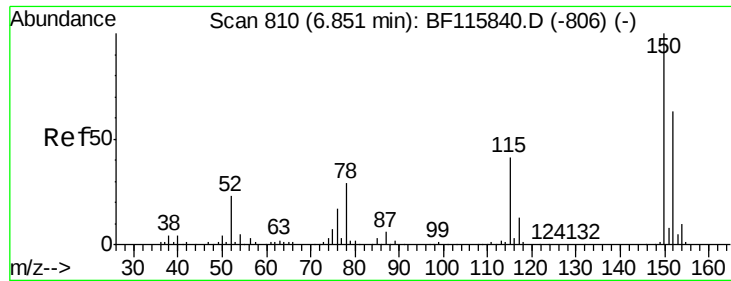
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
Data File : BF115921.D
Acq On : 1 Aug 2019 21:55
Operator : HP/JU
Sample : K4066-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11

Quant Time: Aug 02 05:02:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

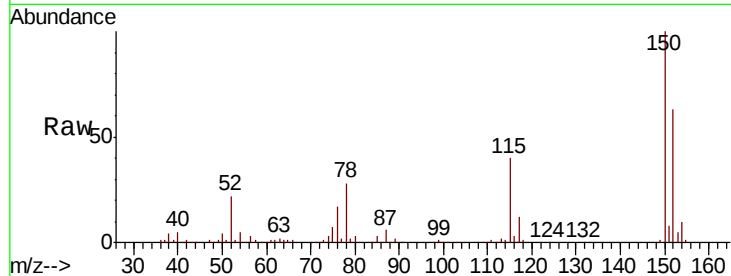




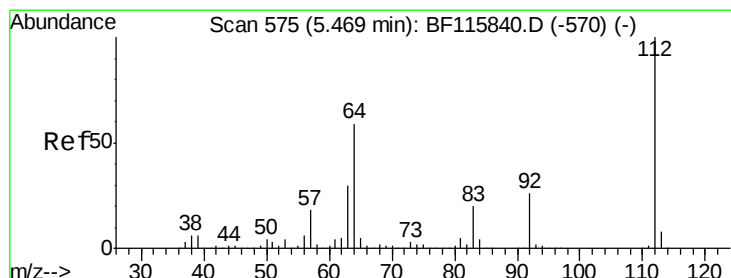
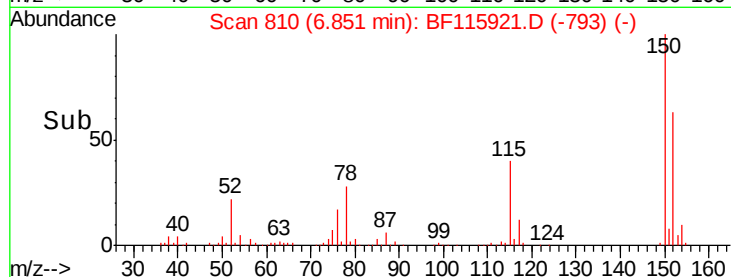
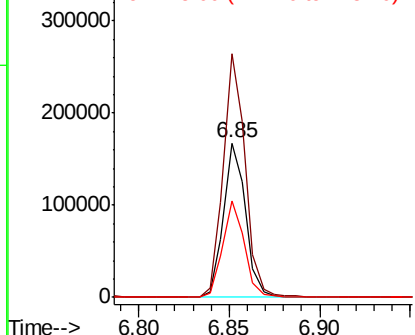
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF115921.D
 Acq: 1 Aug 2019 21:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-11

Tgt Ion:152 Resp: 142200
 Ion Ratio Lower Upper
 152 100
 150 158.1 127.4 191.0
 115 62.7 51.8 77.8

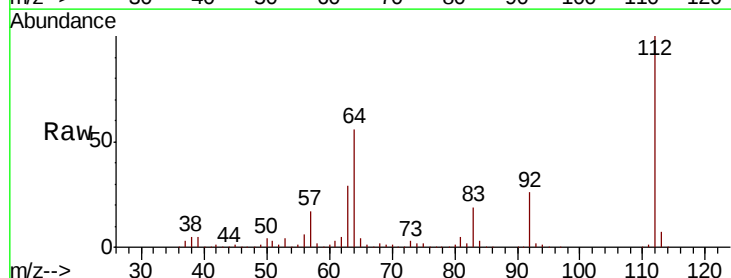


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

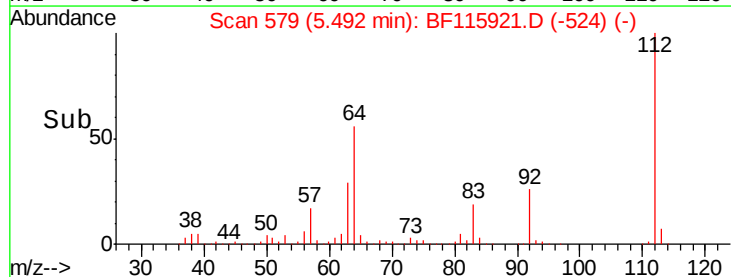
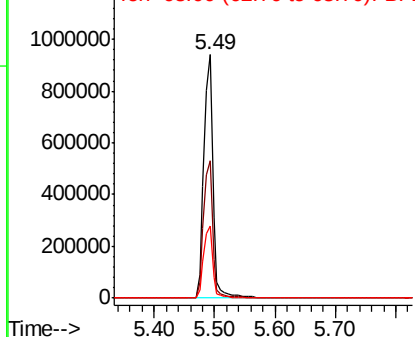


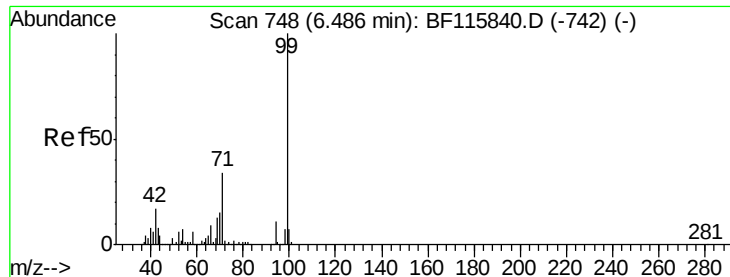
#5
 2-Fluorophenol
 Concen: 116.894 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.02 min
 Lab File: BF115921.D
 Acq: 1 Aug 2019 21:55

Tgt Ion:112 Resp: 992930
 Ion Ratio Lower Upper
 112 100
 64 56.2 46.8 70.2
 63 29.5 24.2 36.2



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: 111.565 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115921.D

Acq: 1 Aug 2019 21:55

Instrument :

BNA_F

ClientSampled :

TP-11

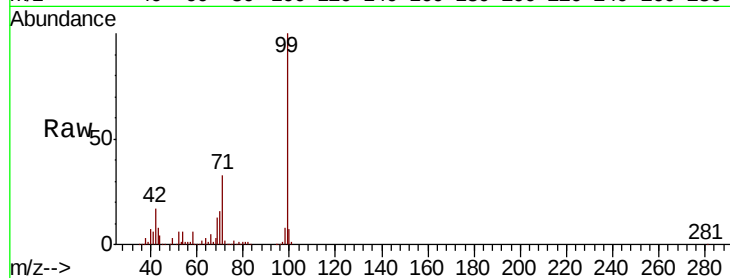
Tgt Ion: 99 Resp: 1195653

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.6

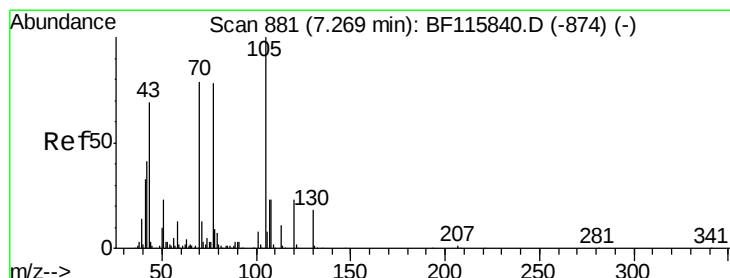
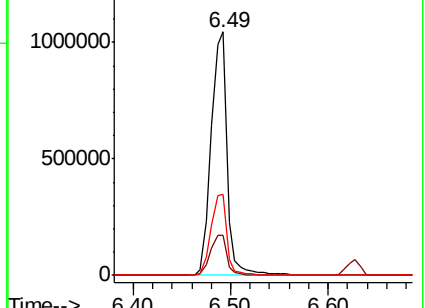
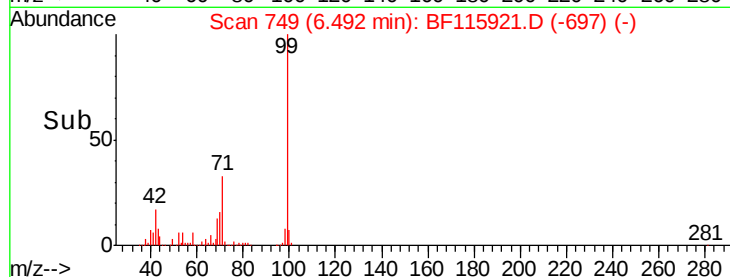
71 33.4 27.1 40.7



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: 17.762 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF115921.D

Acq: 1 Aug 2019 21:55

Tgt Ion: 70 Resp: 117959

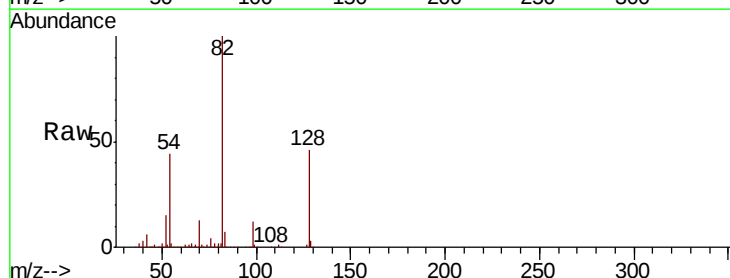
Ion Ratio Lower Upper

70 100

42 43.3 41.8 62.8

101 0.0 7.7 11.5#

130 2.2 17.8 26.6#

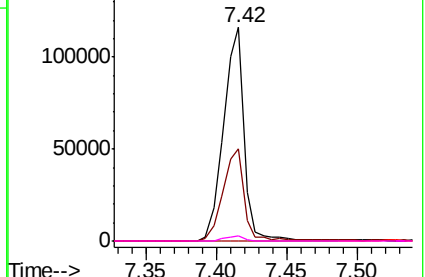
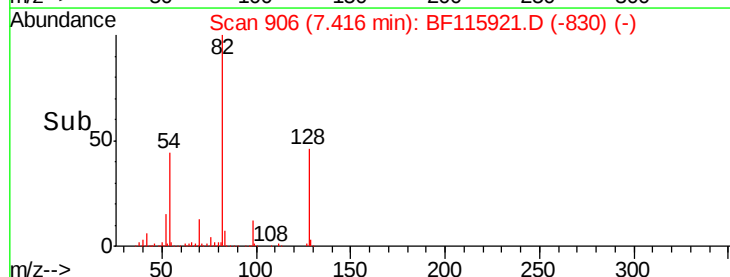


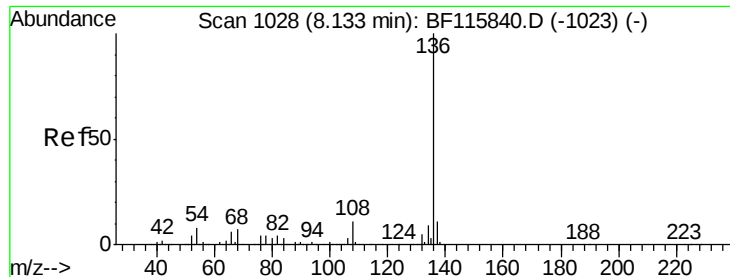
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

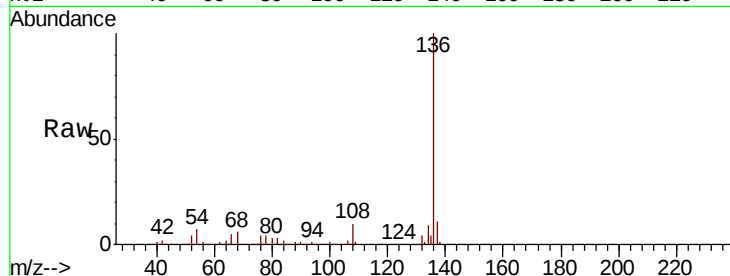




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115921.D
Acq: 1 Aug 2019 21:55

Instrument :
BNA_F
ClientSampleId :
TP-11

Tgt Ion:	136	Resp:	535889
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.6	6.1	9.1
68	5.8	5.4	8.2



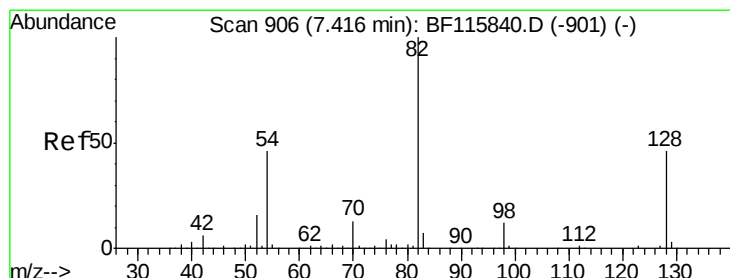
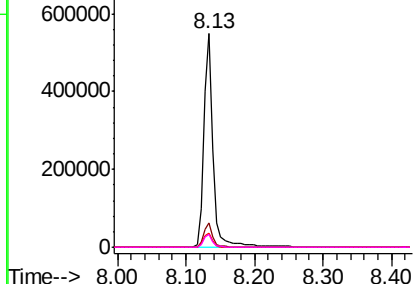
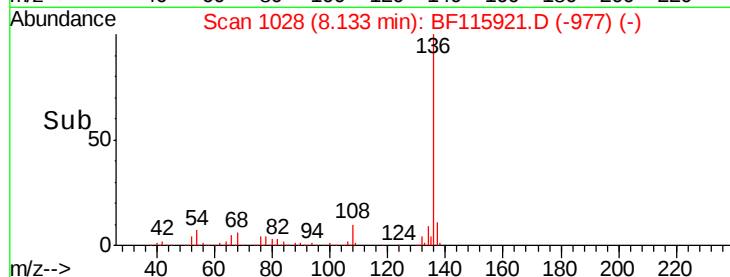
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

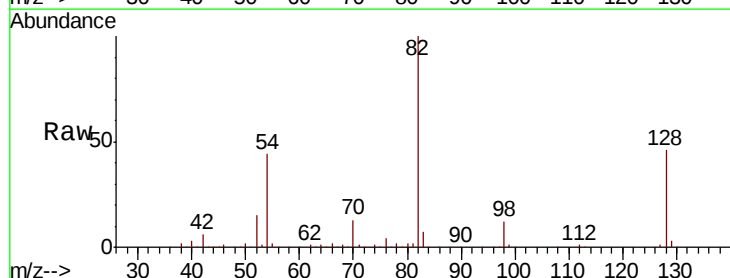
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 94.507 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115921.D
Acq: 1 Aug 2019 21:55

Tgt Ion:	82	Resp:	877382
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.6	55.0
54	44.2	36.6	55.0

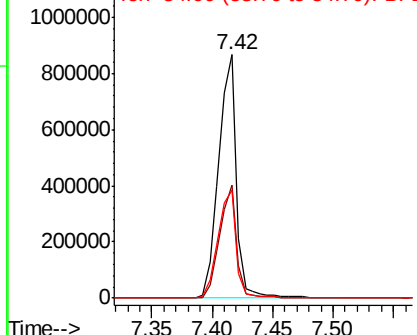
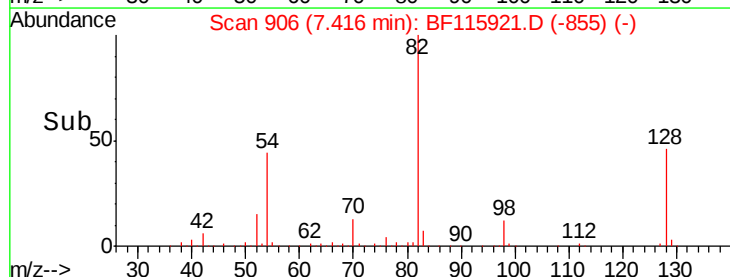


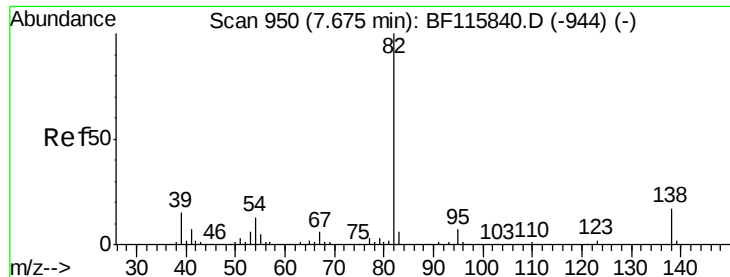
Abundance

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: 49.424 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF115921.D

Acq: 1 Aug 2019 21:55

Instrument :

BNA_F

ClientSampleId :

TP-11

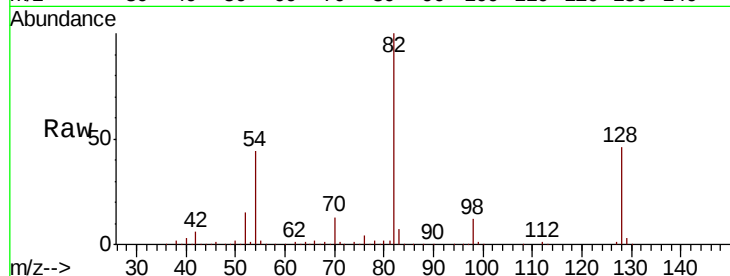
Tgt Ion: 82 Resp: 877376

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

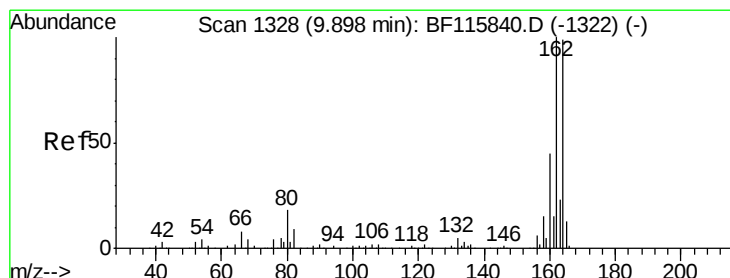
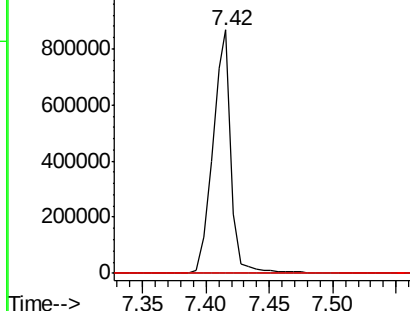
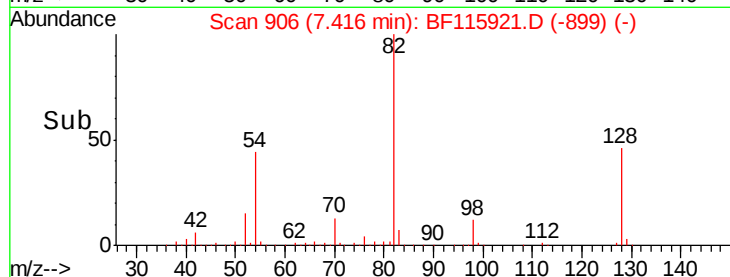
138 0.0 13.9 20.9#



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115921.D

Acq: 1 Aug 2019 21:55

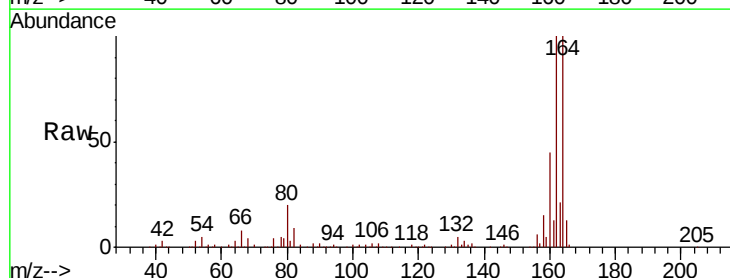
Tgt Ion: 164 Resp: 270839

Ion Ratio Lower Upper

164 100

162 100.5 80.8 121.2

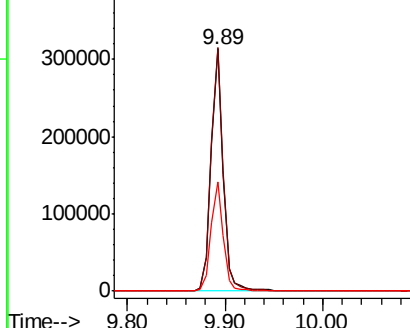
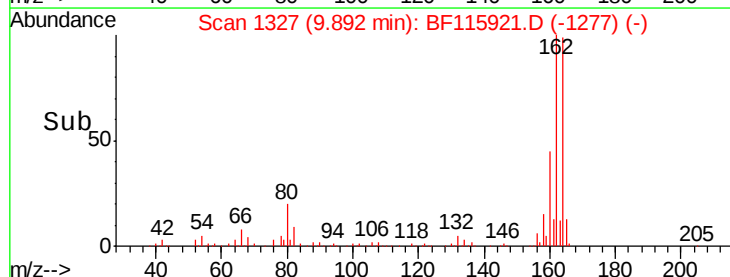
160 44.9 36.2 54.4

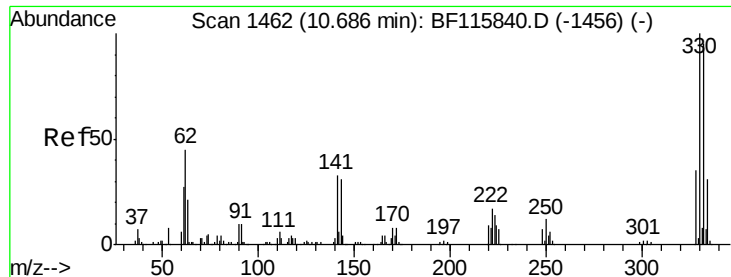


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 123.356 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115921.D

Acq: 1 Aug 2019 21:55

Instrument :

BNA_F

ClientSampleId :

TP-11

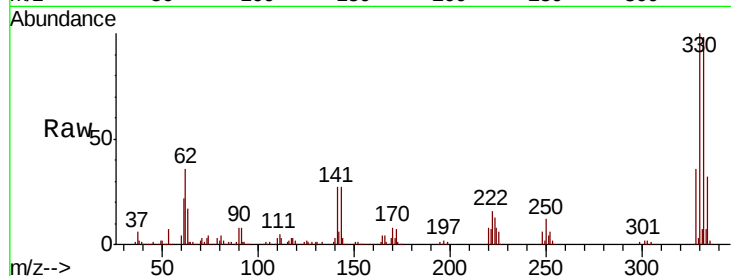
Tgt Ion:330 Resp: 323915

Ion Ratio Lower Upper

330 100

332 94.6 77.7 116.5

141 34.1 28.1 42.1

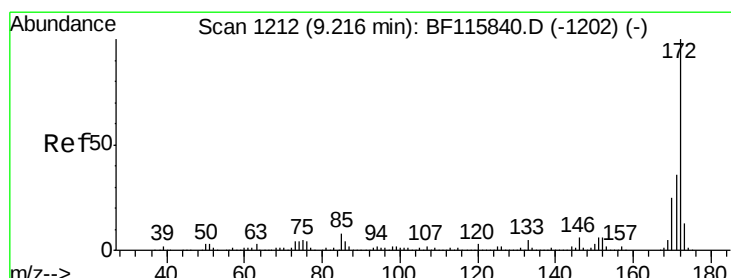
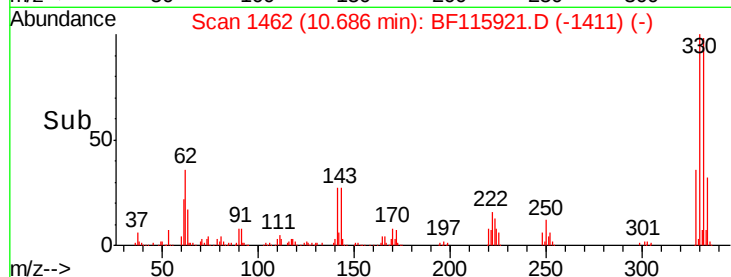
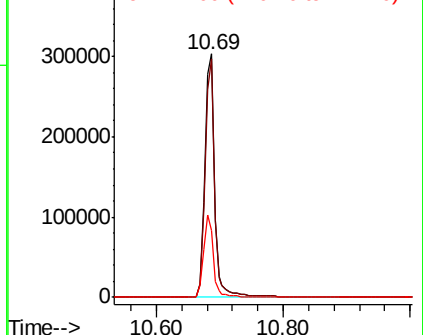


Abundance

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: 101.550 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF115921.D

Acq: 1 Aug 2019 21:55

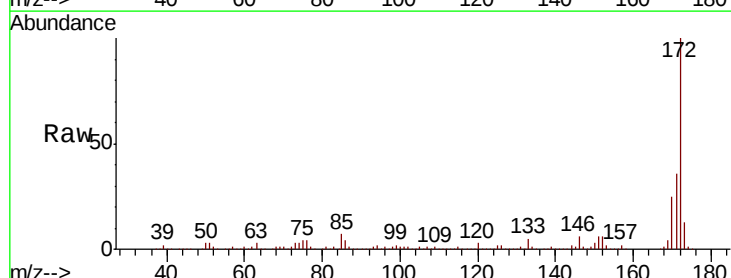
Tgt Ion:172 Resp: 1468369

Ion Ratio Lower Upper

172 100

171 36.0 29.1 43.7

170 25.0 20.1 30.1

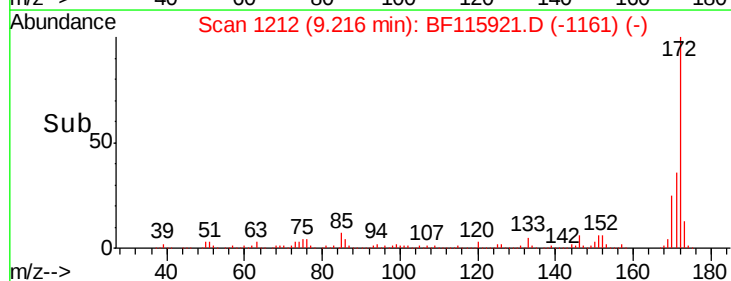
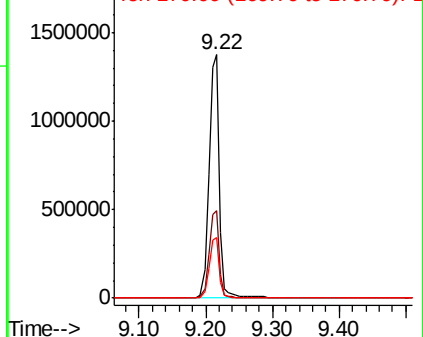


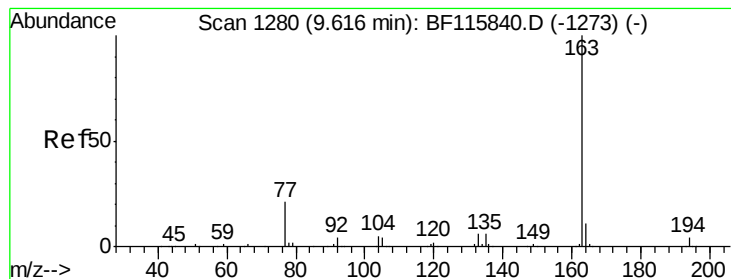
Abundance

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: 3.881 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115921.D

Acq: 1 Aug 2019 21:55

Instrument :

BNA_F

ClientSampleId :

TP-11

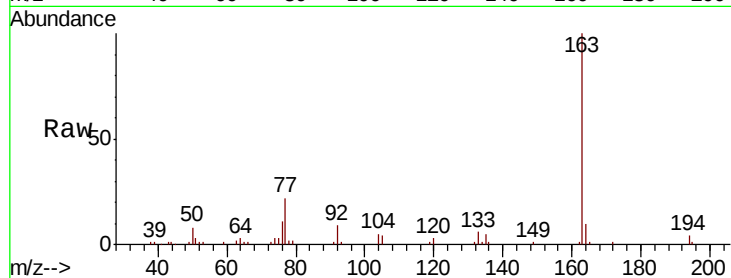
Tgt Ion:163 Resp: 71567

Ion Ratio Lower Upper

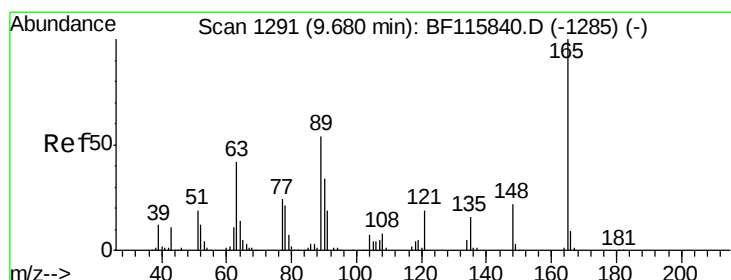
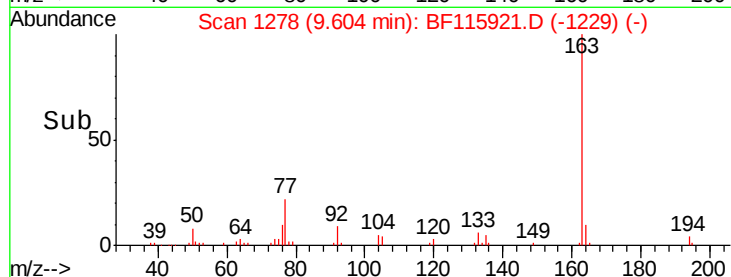
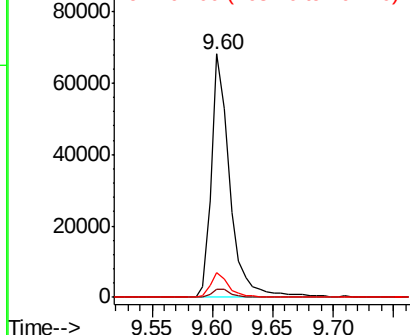
163 100

194 3.6 3.0 4.6

164 10.2 8.4 12.6



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



#51

2,6-Dinitrotoluene

Concen: 8.712 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.21 min

Lab File: BF115921.D

Acq: 1 Aug 2019 21:55

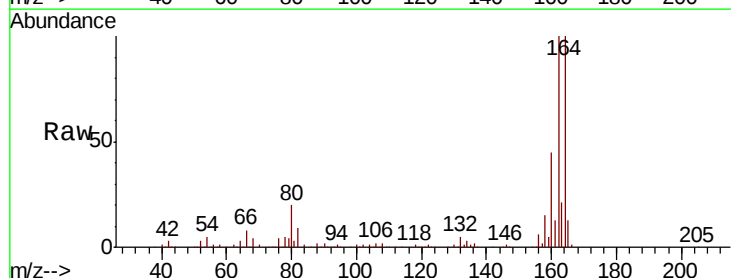
Tgt Ion:165 Resp: 34915

Ion Ratio Lower Upper

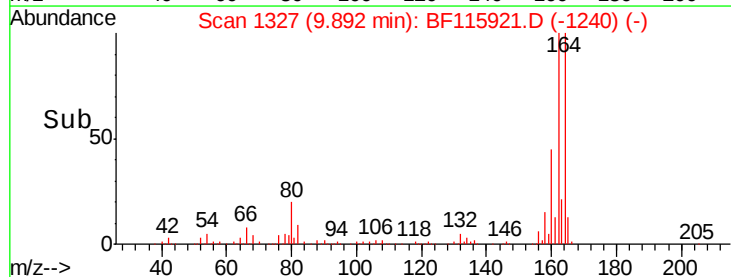
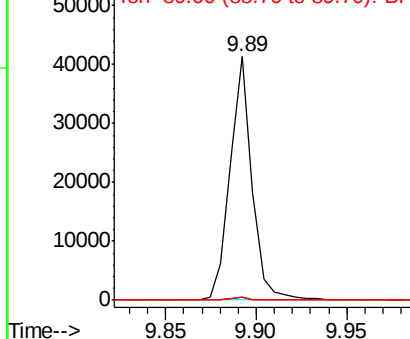
165 100

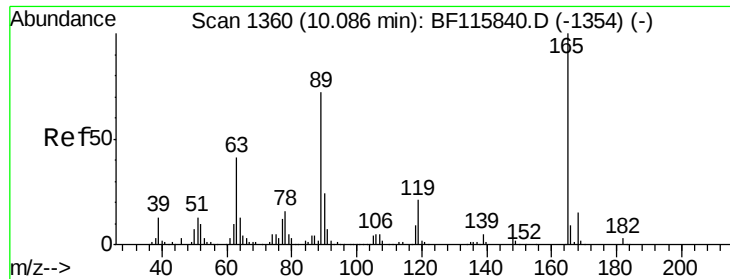
63 1.3 39.4 59.2#

89 1.4 43.0 64.6#



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

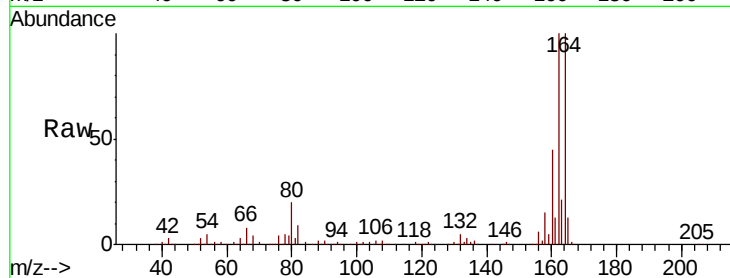




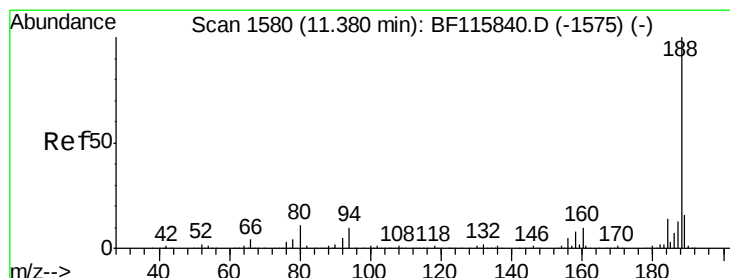
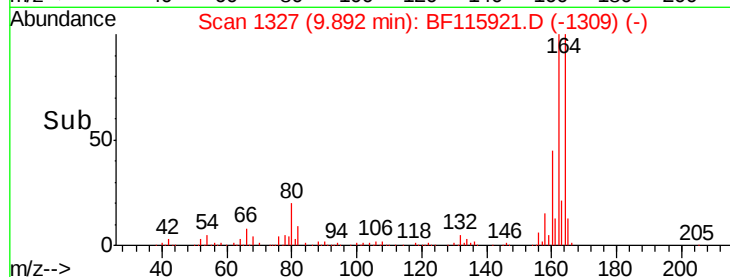
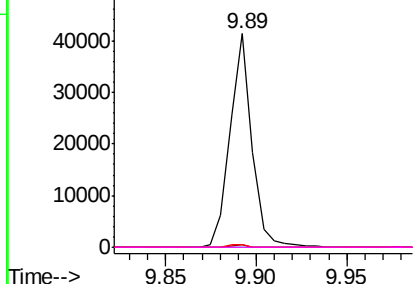
#57
 2,4-Dinitrotoluene
 Concen: 6.544 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF115921.D
 Acq: 1 Aug 2019 21:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-11

Tgt Ion:165 Resp: 34915
 Ion Ratio Lower Upper
 165 100
 63 1.3 33.2 49.8#
 89 1.4 57.3 85.9#
 182 0.0 2.1 3.1#

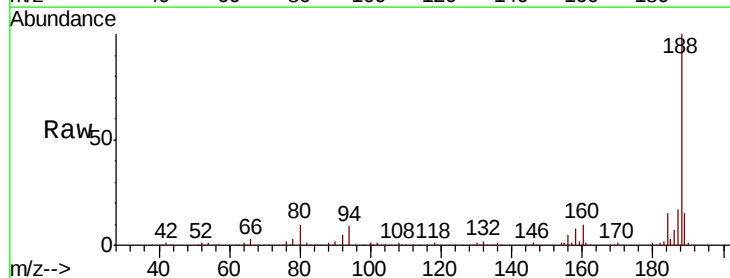


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

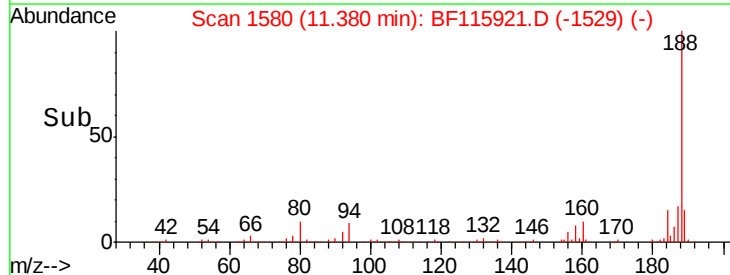
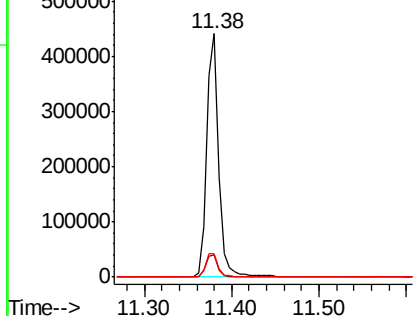


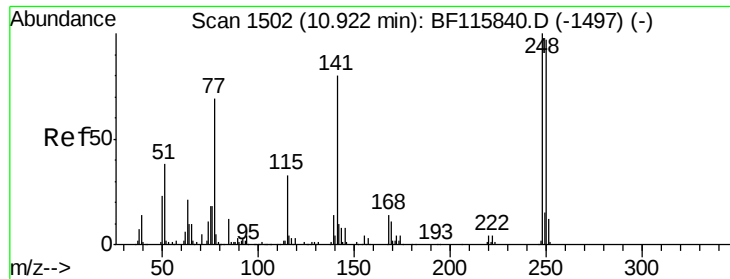
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF115921.D
 Acq: 1 Aug 2019 21:55

Tgt Ion:188 Resp: 419998
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.0 12.0
 80 9.7 8.6 12.8



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

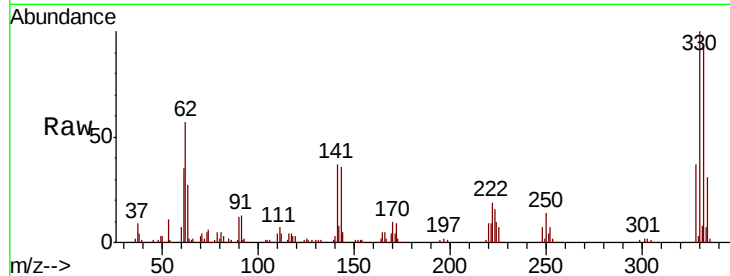




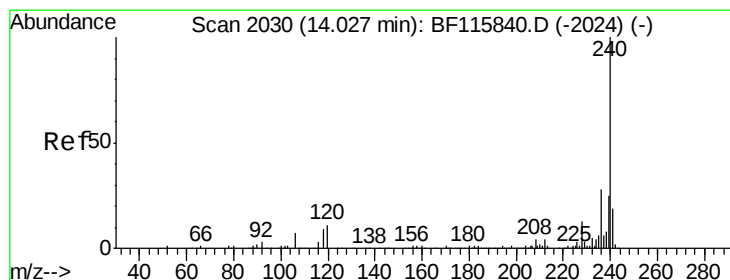
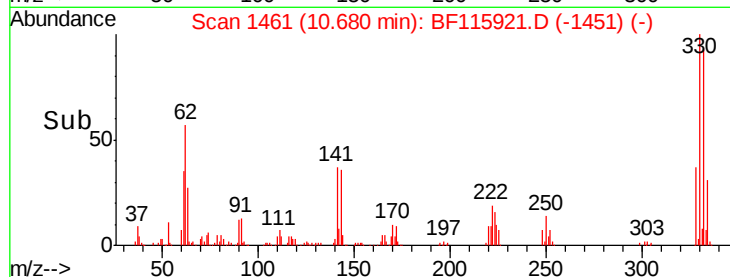
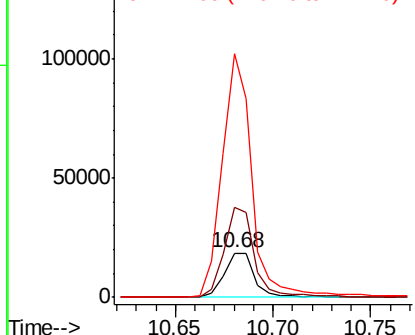
#67
 4-Bromophenyl-phenylether
 Concen: 4.461 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF115921.D
 Acq: 1 Aug 2019 21:55

Instrument :
 BNA_F
 ClientSampled :
 TP-11

Tgt Ion:248 Resp: 20056
 Ion Ratio Lower Upper
 248 100
 250 201.6 77.8 116.6#
 141 547.0 64.3 96.5#

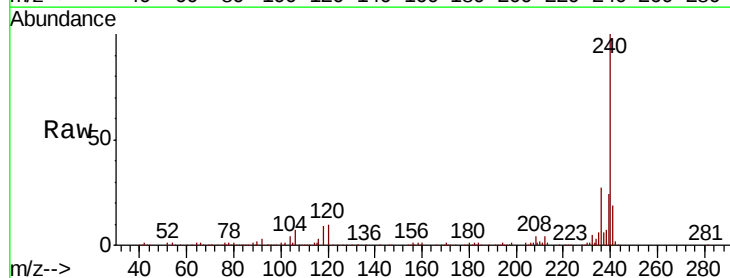


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

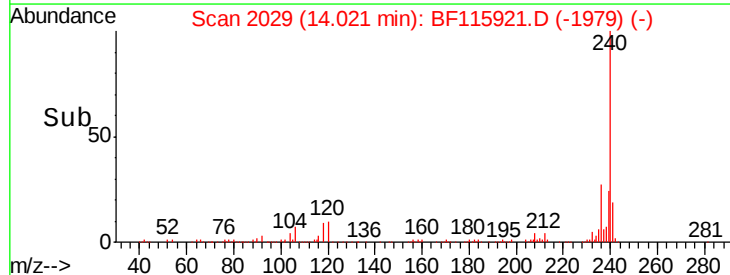
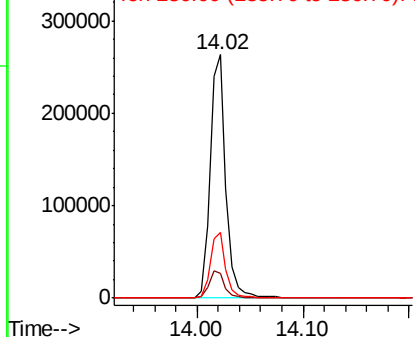


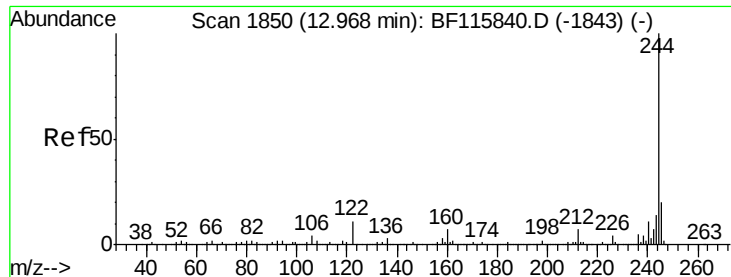
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115921.D
 Acq: 1 Aug 2019 21:55

Tgt Ion:240 Resp: 273092
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.5 12.7
 236 26.9 22.2 33.2



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: 94.595 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115921.D

Acq: 1 Aug 2019 21:55

Instrument :

BNA_F

ClientSampleId :

TP-11

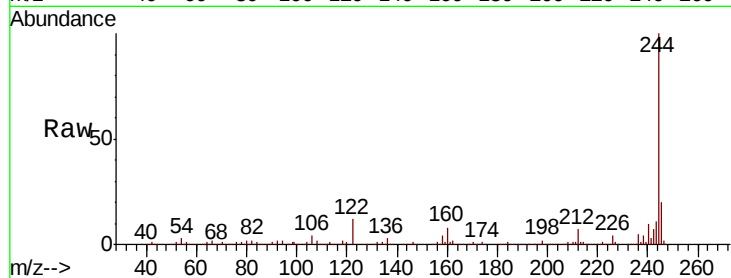
Tgt Ion:244 Resp: 1225964

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

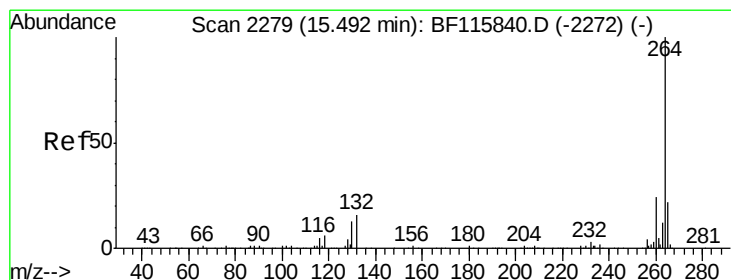
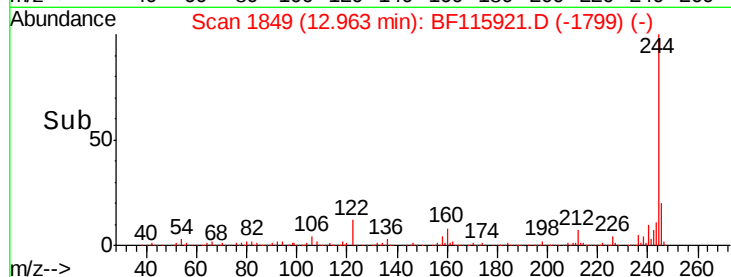
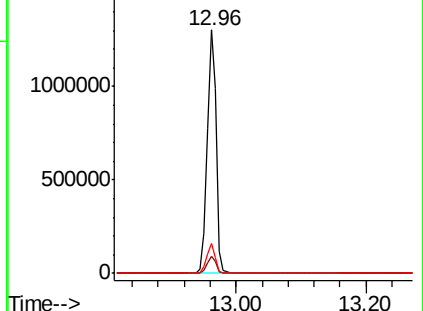
122 12.2 8.6 13.0



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF115921.D

Acq: 1 Aug 2019 21:55

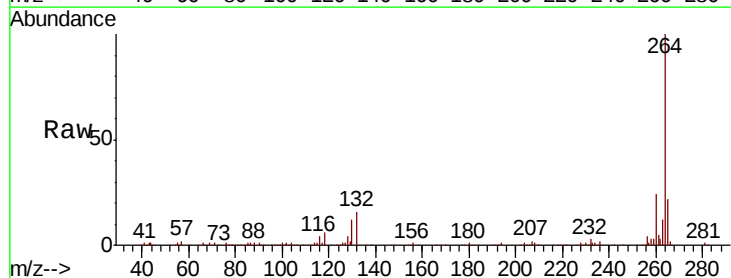
Tgt Ion:264 Resp: 337668

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

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

