

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115902.D
 Acq On : 1 Aug 2019 12:46
 Operator : HP/JU
 Sample : K4021-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 18:01:58 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

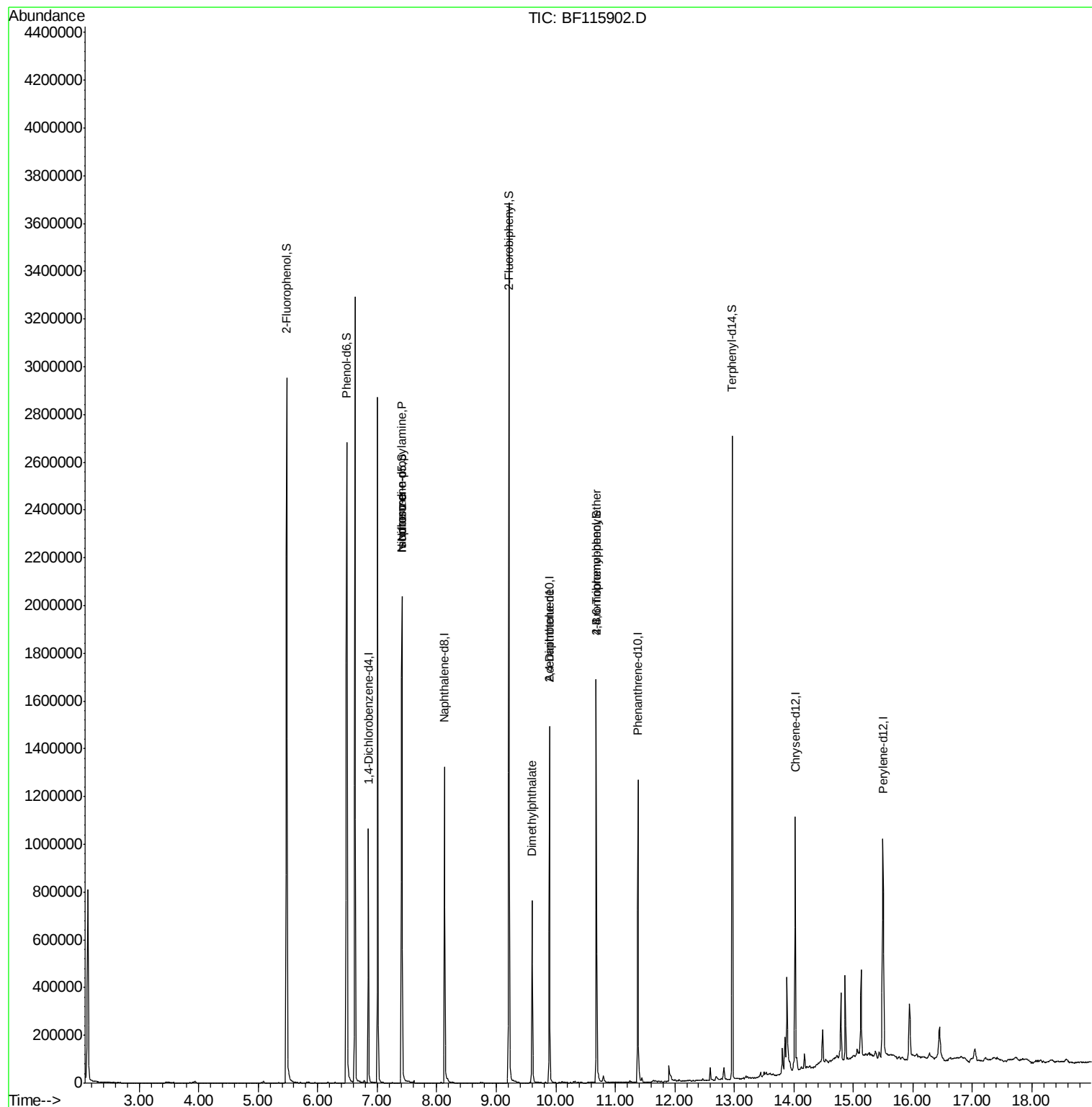
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	153085	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	577987	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	290538	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	434312	20.00	ng	0.00
76) Chrysene-d12	14.02	240	316168	20.00	ng	0.00
87) Perylene-d12	15.49	264	401163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	856277	93.64	ng	0.01
7) Phenol-d6	6.49	99	1120421	97.11	ng	0.00
23) Nitrobenzene-d5	7.42	82	703088	70.22	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	233712	82.97	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1163333	75.00	ng	0.00
79) Terphenyl-d14	12.96	244	942185	62.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	95841	13.405	ng	# 77
25) Isophorone	7.42	82	703080	36.721	ng	# 66
50) Dimethylphthalate	9.60	163	297651	15.046	ng	99
57) 2,4-Dinitrotoluene	9.89	165	37067	6.476	ng	# 24
67) 4-Bromophenyl-phenylether	10.69	248	14148	3.043	ng	# 1

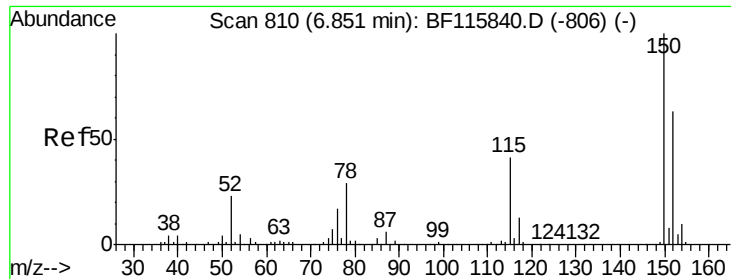
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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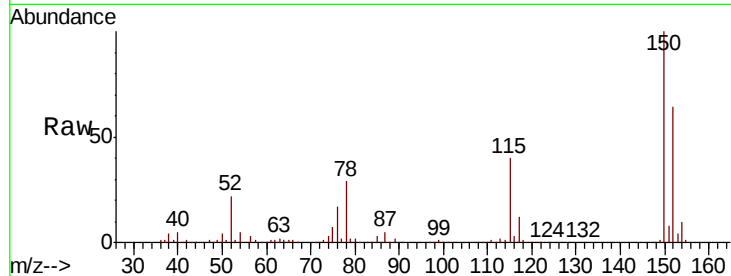


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF115902.D
 Acq: 1 Aug 2019 12:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	127.4	191.0
115	62.5	51.8	77.8

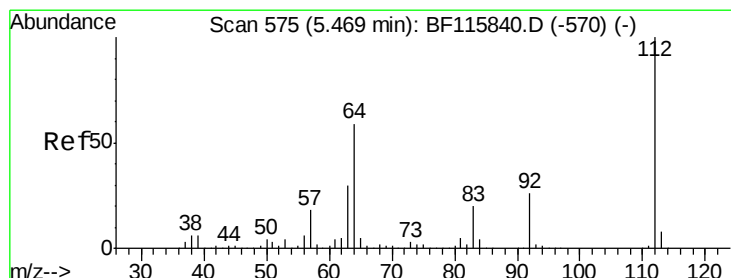
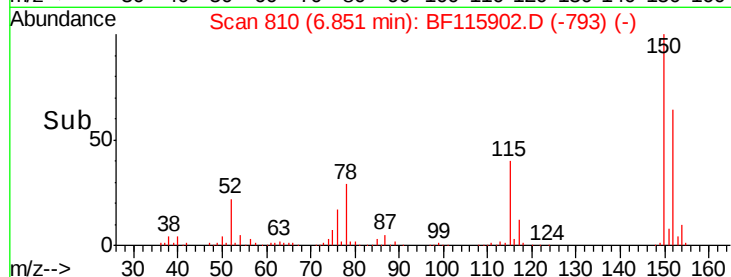
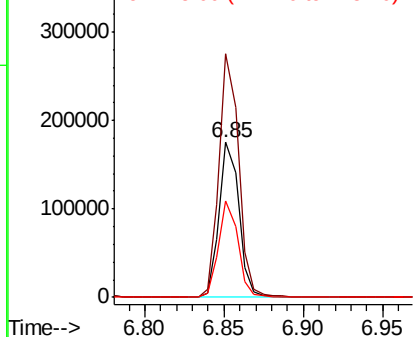


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

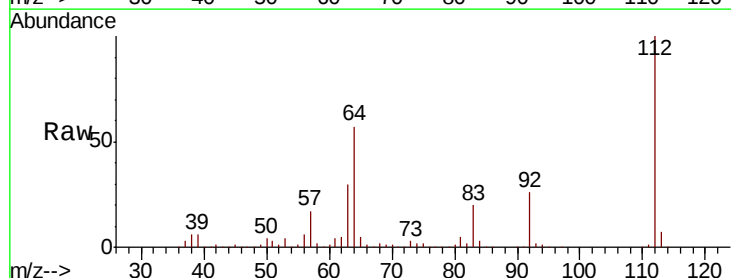
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 93.638 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF115902.D
 Acq: 1 Aug 2019 12:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.8	70.2
63	30.2	24.2	36.2

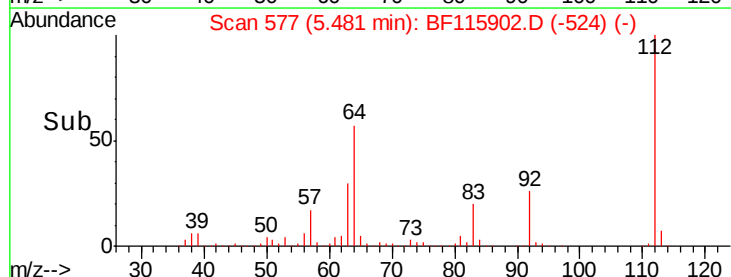
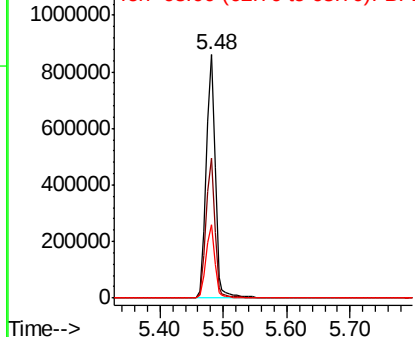


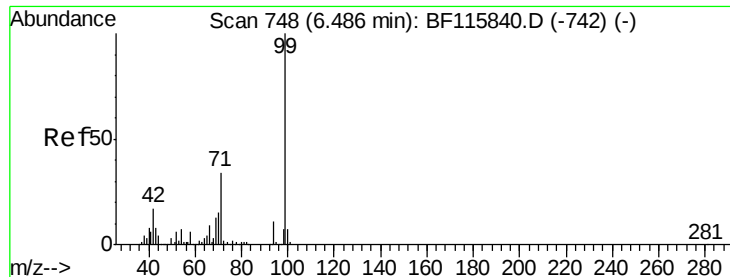
Abundance

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: 97.112 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115902.D

Acq: 1 Aug 2019 12:46

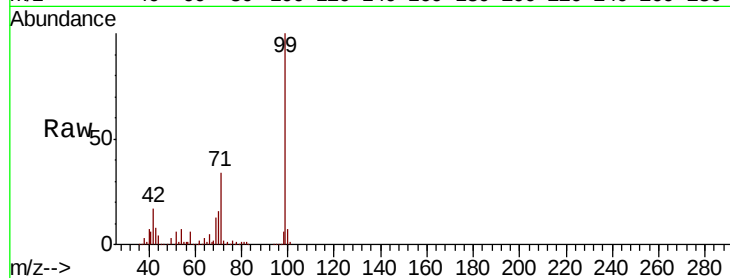
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1120421

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.6
71	34.0	27.1	40.7

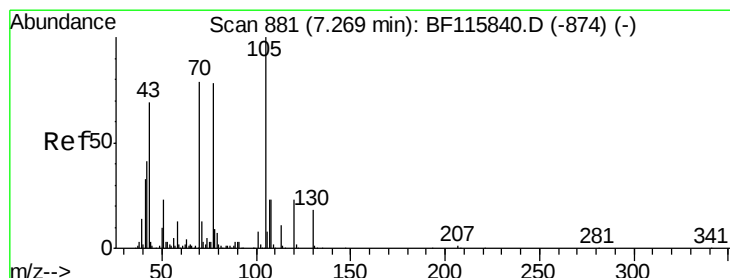
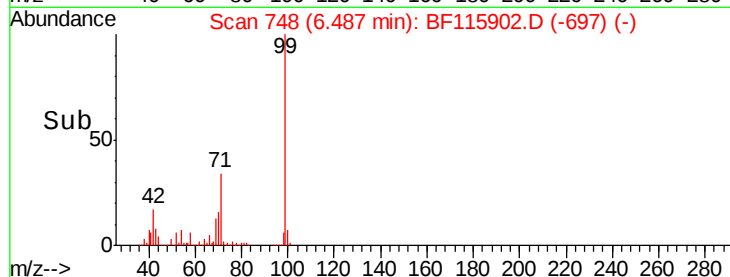
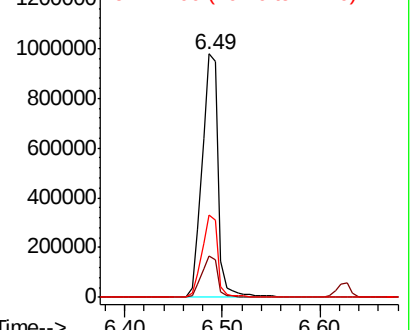


Abundance

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: 13.405 ng

RT: 7.42 min Scan# 906

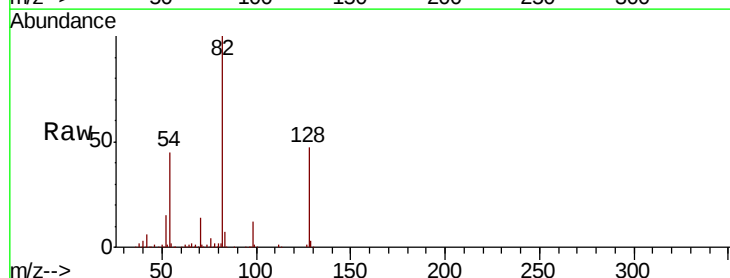
Delta R.T. 0.15 min

Lab File: BF115902.D

Acq: 1 Aug 2019 12:46

Tgt Ion: 70 Resp: 95841

Ion	Ratio	Lower	Upper
70	100		
42	42.7	41.8	62.8
101	0.0	7.7	11.5#
130	2.2	17.8	26.6#



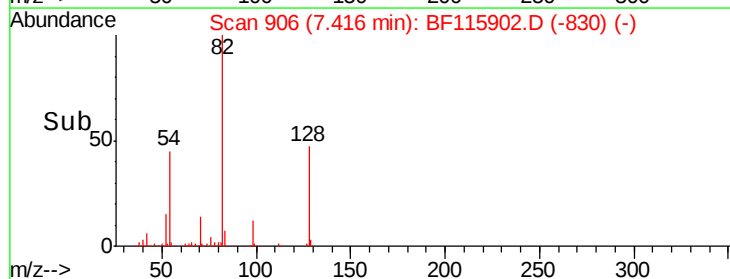
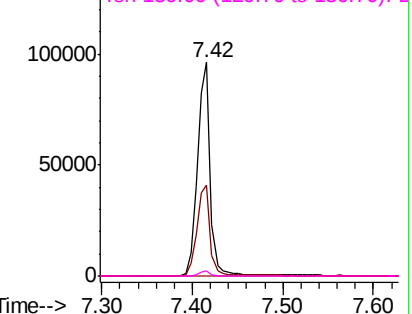
Abundance

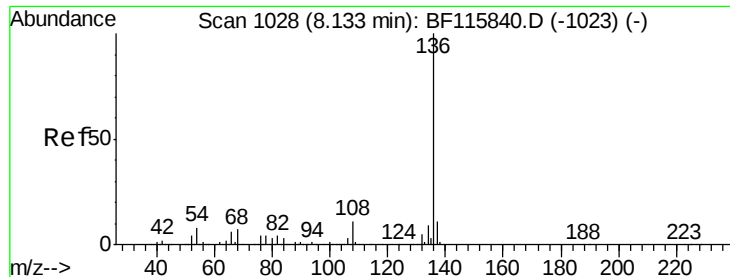
Ion 70.00 (69.70 to 70.70): BF1

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: BF115902.D

Acq: 1 Aug 2019 12:46

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 577987

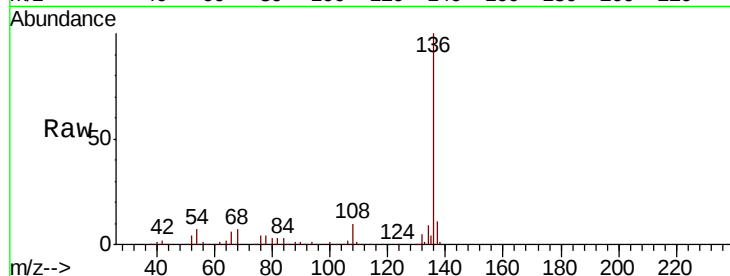
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.2 6.1 9.1

68 6.5 5.4 8.2

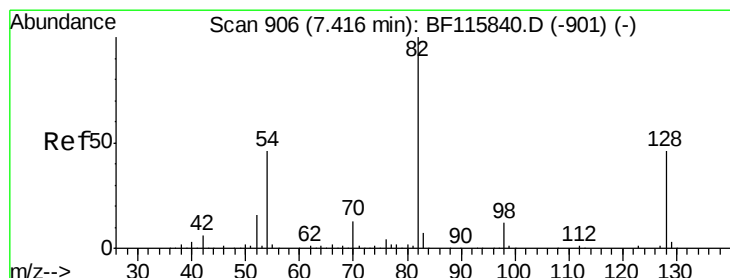
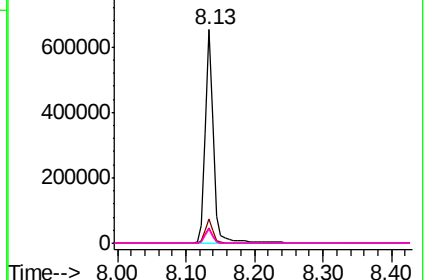
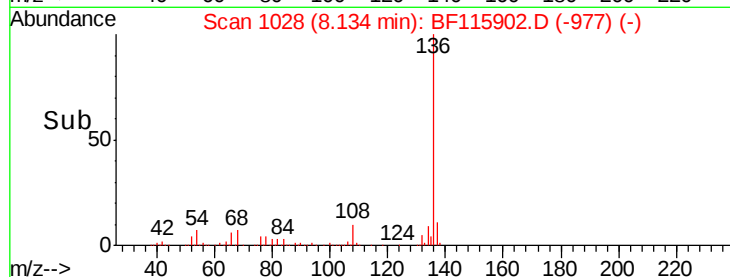


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.217 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF115902.D

Acq: 1 Aug 2019 12:46

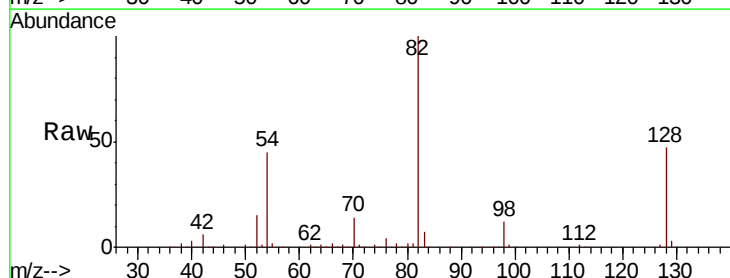
Tgt Ion: 82 Resp: 703088

Ion Ratio Lower Upper

82 100

128 47.0 36.6 55.0

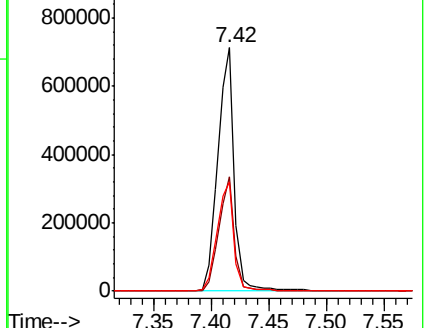
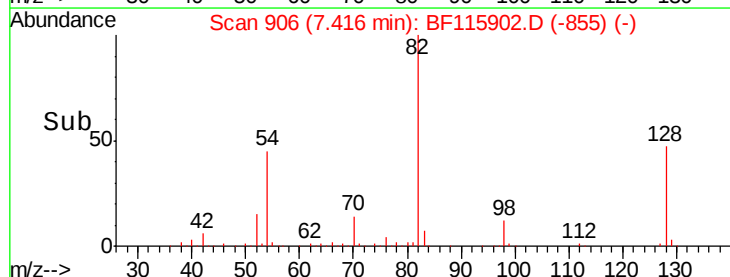
54 44.8 36.6 55.0

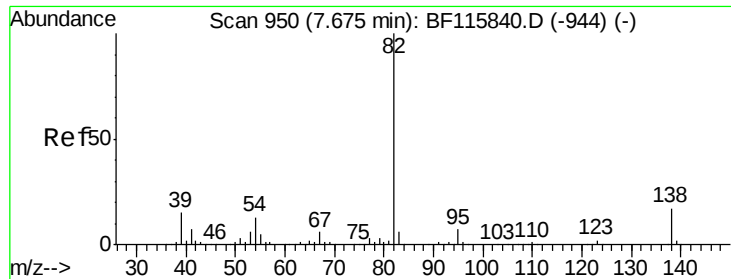


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.721 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF115902.D

Acq: 1 Aug 2019 12:46

Instrument :

BNA_F

ClientSampled :

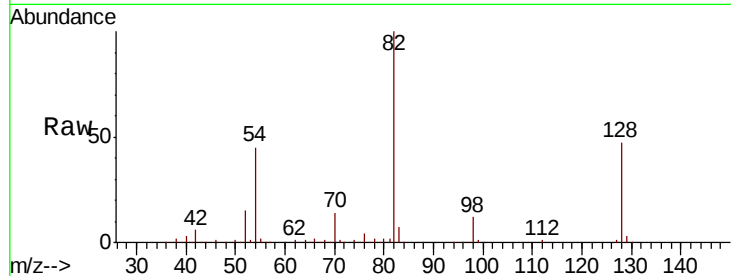
Tot Ion: 82 Resp: 703080

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

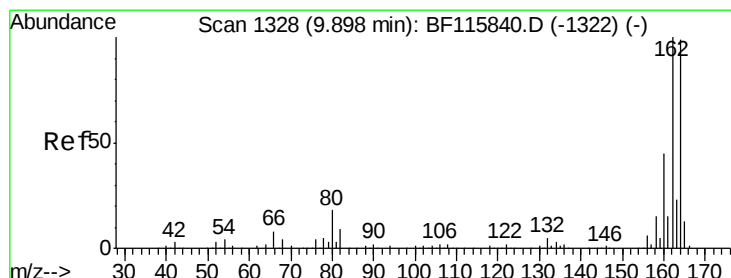
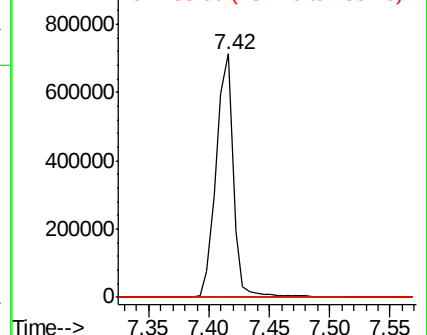
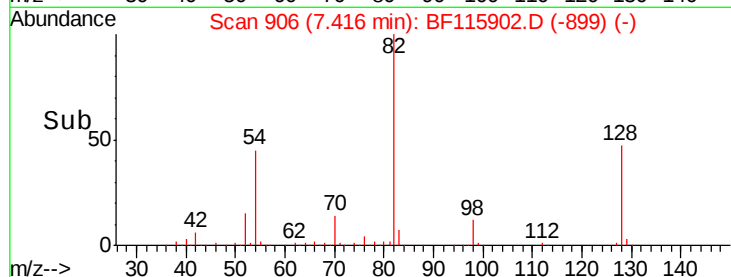
138 0.0 13.9 20.9#



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: BF115902.D

Acq: 1 Aug 2019 12:46

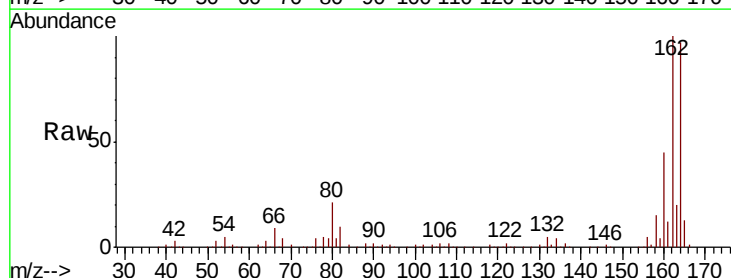
Tgt Ion: 164 Resp: 290538

Ion Ratio Lower Upper

164 100

162 102.6 80.8 121.2

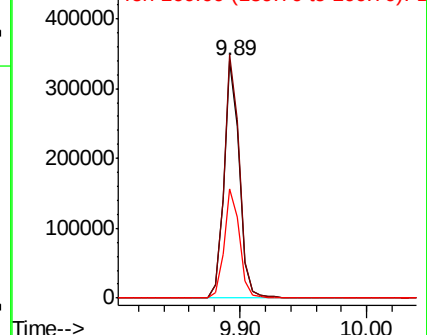
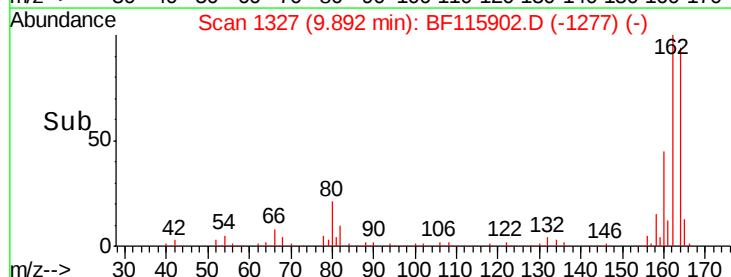
160 45.9 36.2 54.4

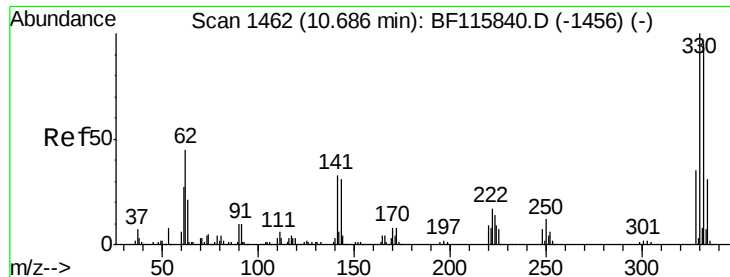


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 82.969 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115902.D

Acq: 1 Aug 2019 12:46

Instrument :

BNA_F

ClientSampleId :

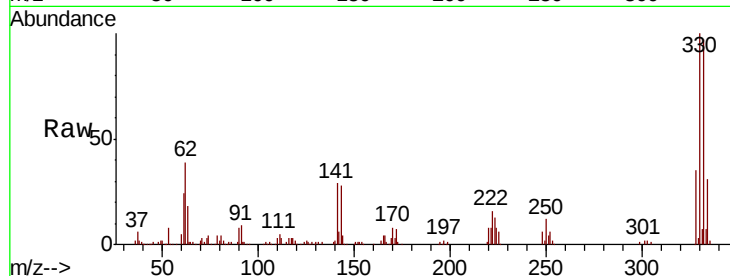
Tot Ion:330 Resp: 233712

Ion Ratio Lower Upper

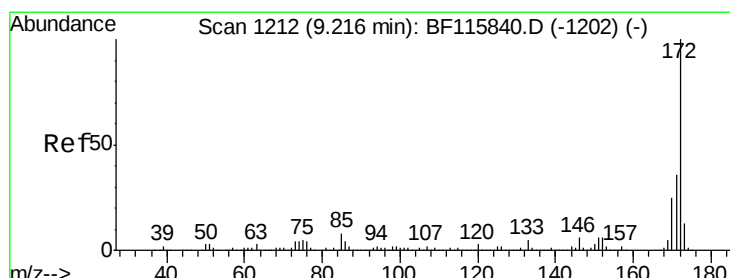
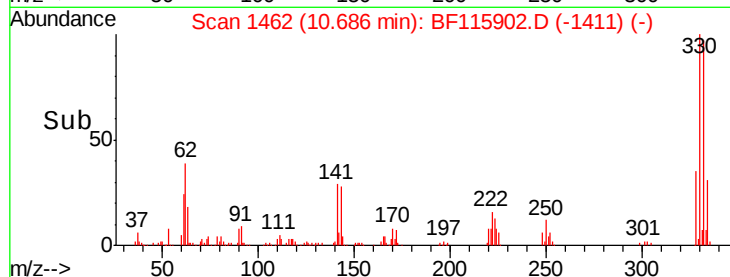
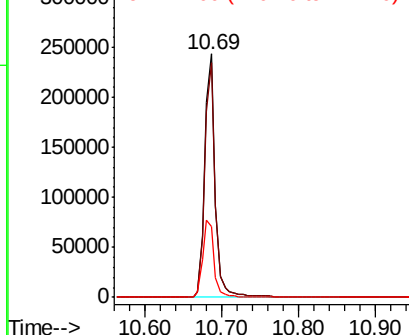
330 100

332 96.3 77.7 116.5

141 34.2 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: 74.999 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF115902.D

Acq: 1 Aug 2019 12:46

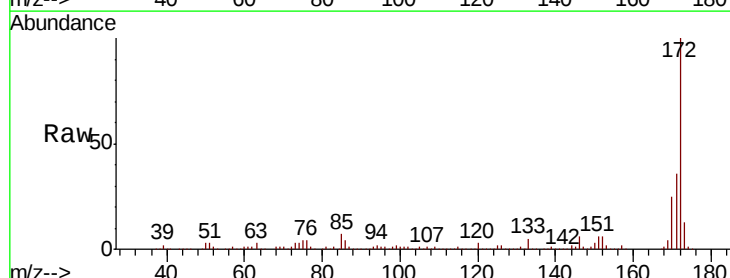
Tgt Ion:172 Resp: 1163333

Ion Ratio Lower Upper

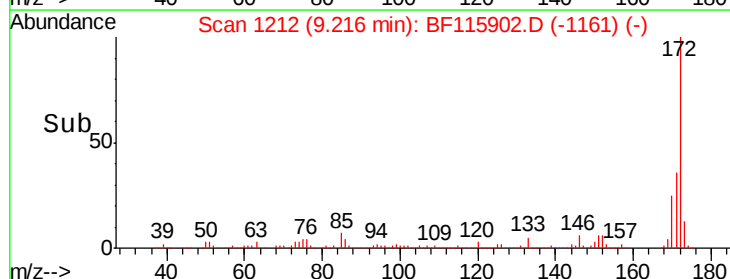
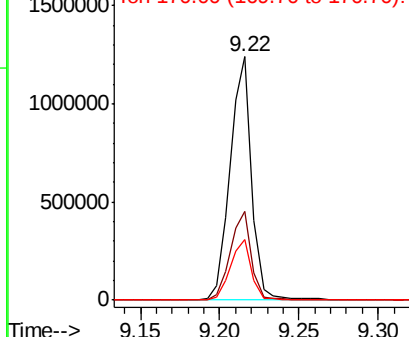
172 100

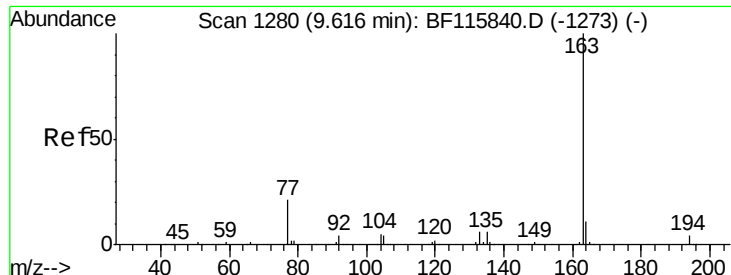
171 36.5 29.1 43.7

170 25.1 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: 15.046 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115902.D

Acq: 1 Aug 2019 12:46

Instrument :

BNA_F

ClientSampleId :

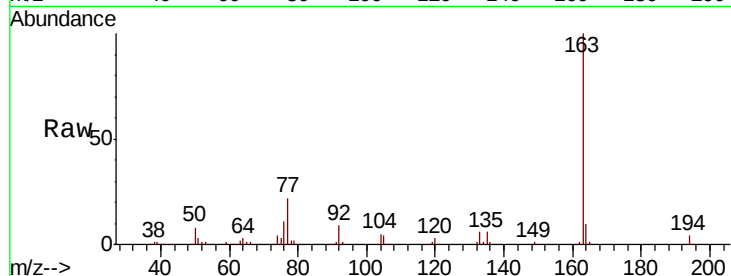
Tot Ion:163 Resp: 297651

Ion Ratio Lower Upper

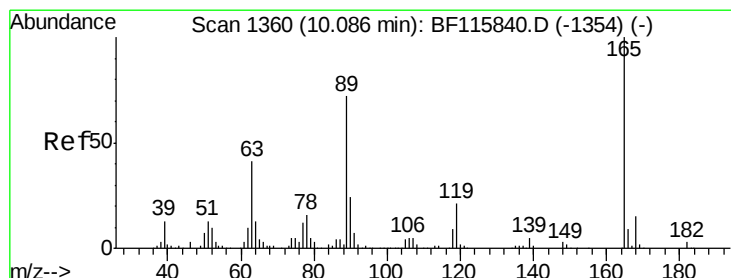
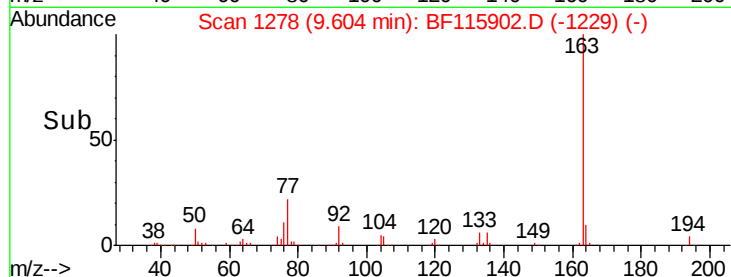
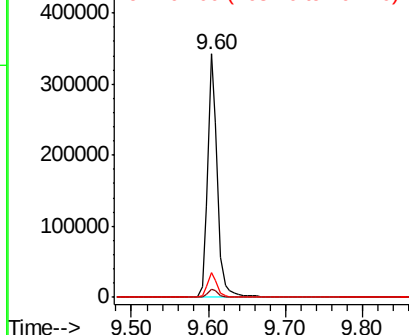
163 100

194 3.5 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



#57

2,4-Dinitrotoluene

Concen: 6.476 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF115902.D

Acq: 1 Aug 2019 12:46

Tgt Ion:165 Resp: 37067

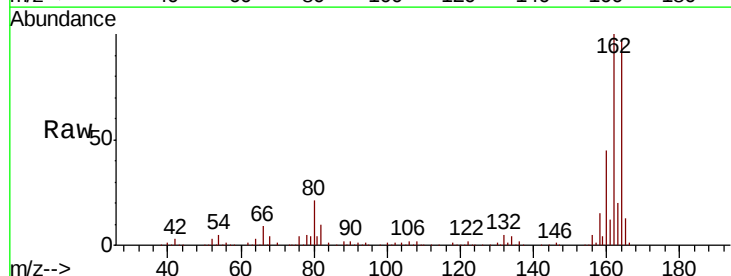
Ion Ratio Lower Upper

165 100

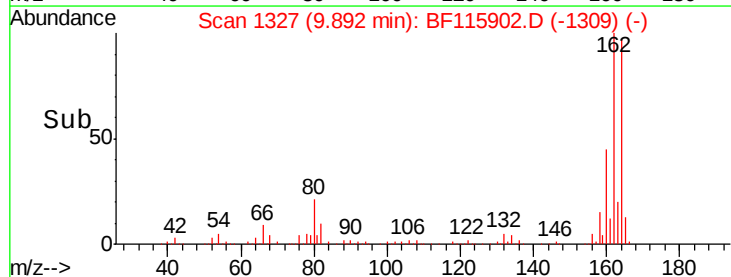
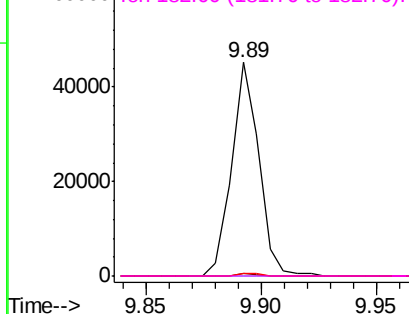
63 1.1 33.2 49.8#

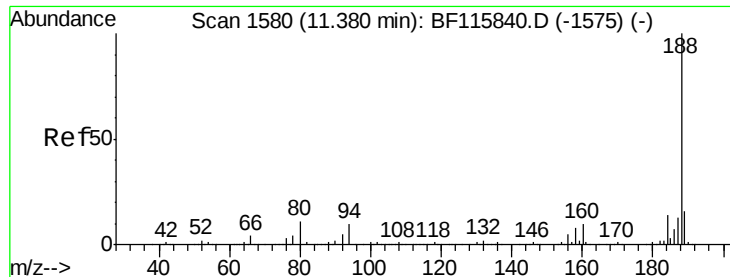
89 1.2 57.3 85.9#

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

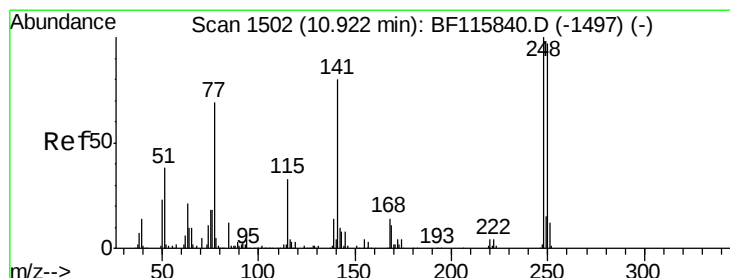
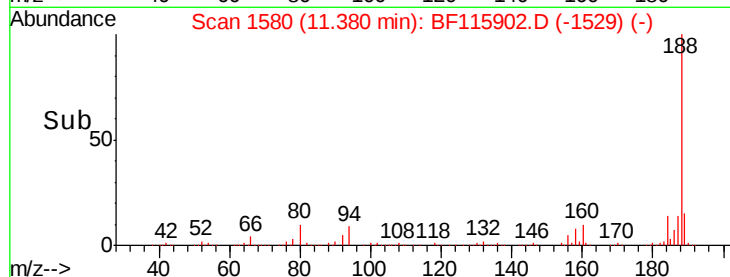
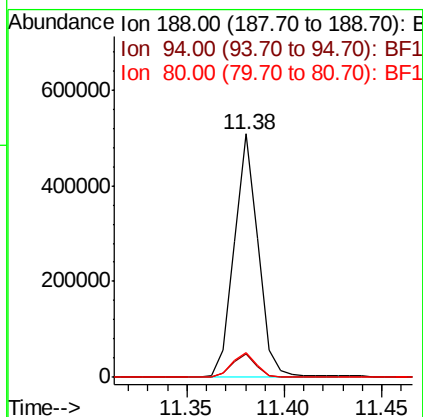
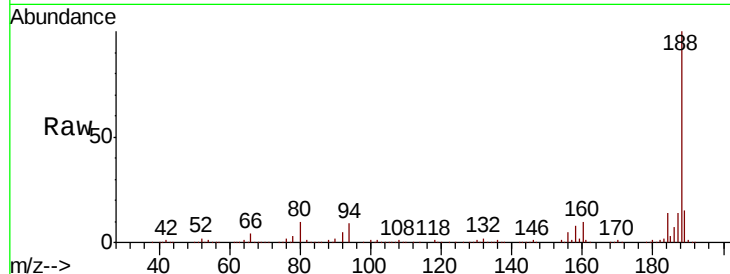




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF115902.D
 Acq: 1 Aug 2019 12:46

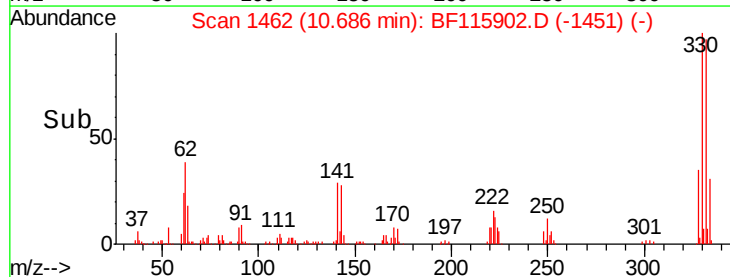
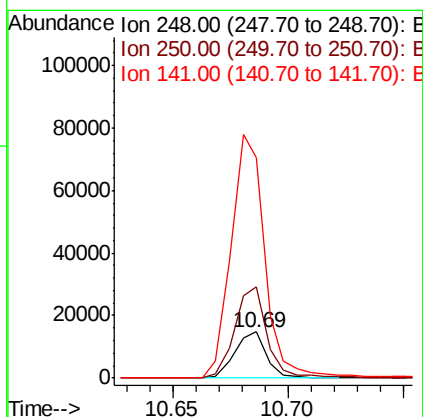
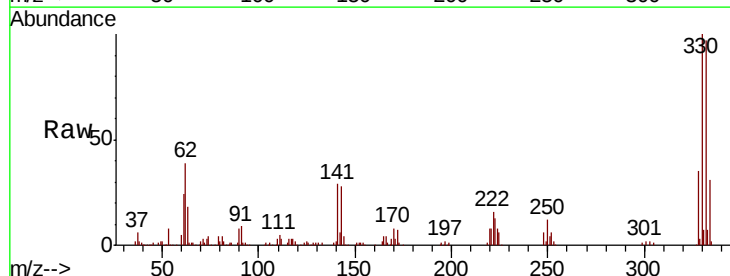
Instrument :
 BNA_F
 ClientSampleId :

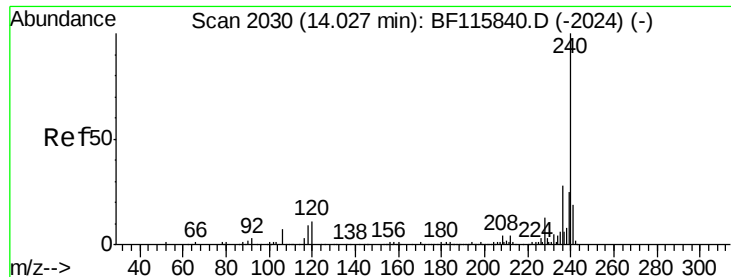
Tot Ion:188 Resp: 434312
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.0 12.0
 80 10.2 8.6 12.8



#67
 4-Bromophenyl-phenylether
 Concen: 3.043 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.24 min
 Lab File: BF115902.D
 Acq: 1 Aug 2019 12:46

Tgt Ion:248 Resp: 14148
 Ion Ratio Lower Upper
 248 100
 250 197.5 77.8 116.6#
 141 478.1 64.3 96.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115902.D

Acq: 1 Aug 2019 12:46

Instrument :

BNA_F

ClientSampled :

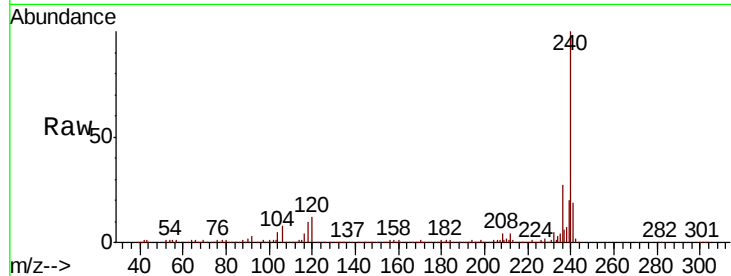
Tot Ion:240 Resp: 316168

Ion Ratio Lower Upper

240 100

120 11.7 8.5 12.7

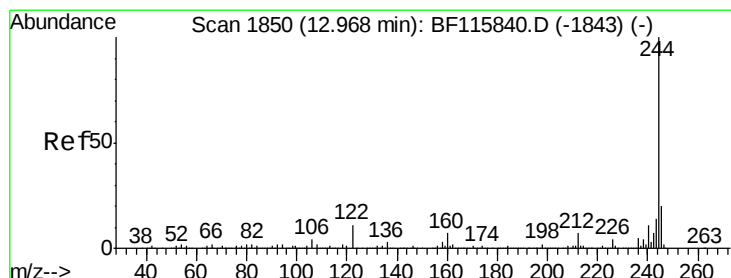
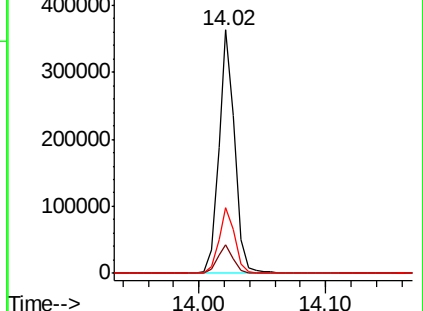
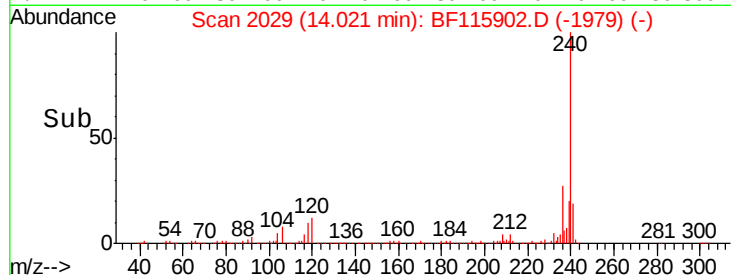
236 27.2 22.2 33.2



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: 62.794 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115902.D

Acq: 1 Aug 2019 12:46

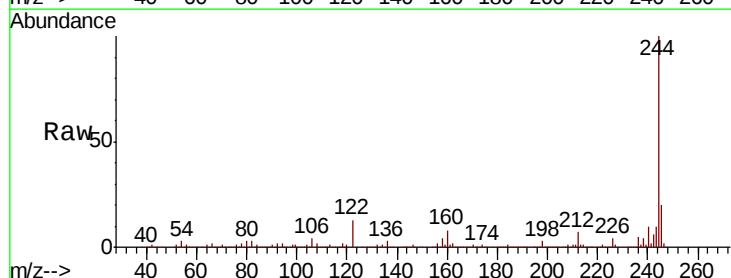
Tgt Ion:244 Resp: 942185

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

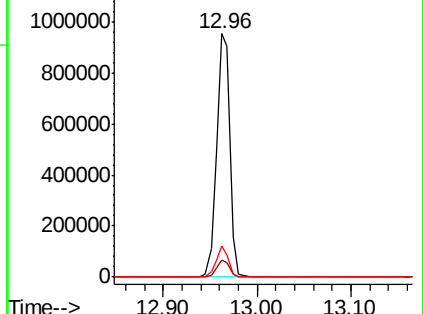
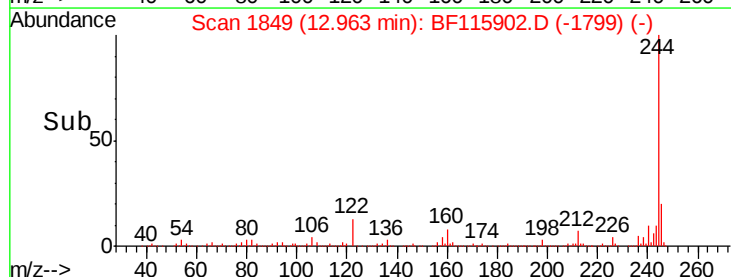
122 12.9 8.6 13.0

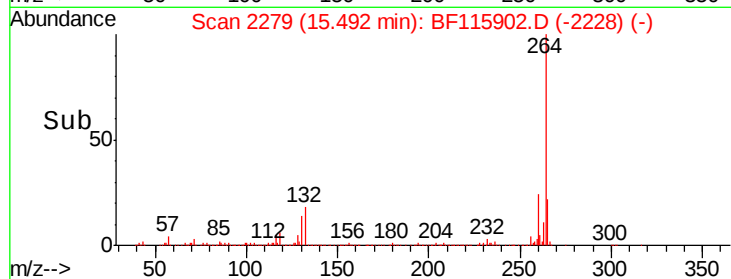
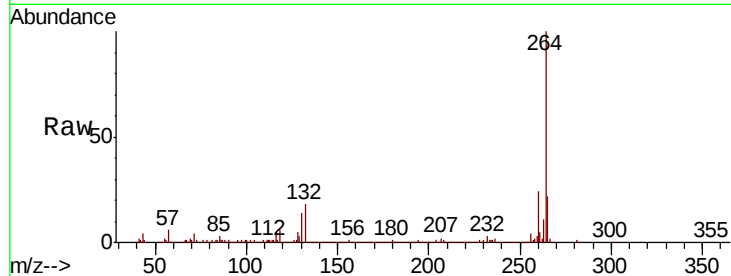
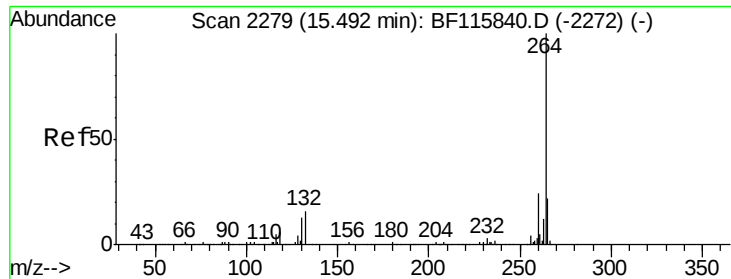


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF115902.D
Acq: 1 Aug 2019 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.8	17.5	26.3

