

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090919\
 Data File : BF116908.D
 Acq On : 9 Sep 2019 20:32
 Operator : HP/JU
 Sample : K4752-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Quant Time: Sep 10 03:03:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

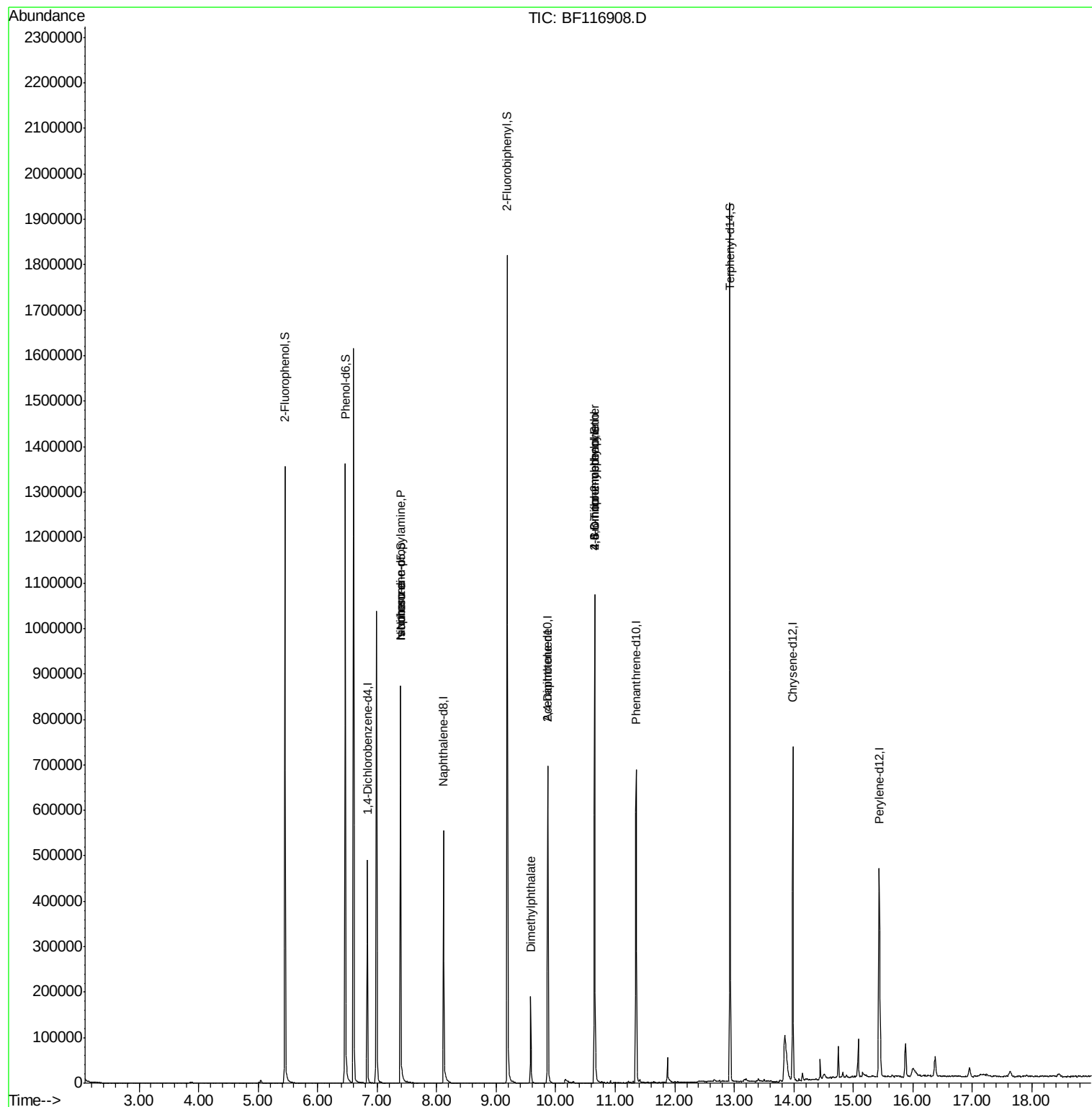
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	70502	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	284085	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	152490	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	267603	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	233643	20.00	ng	-0.02
87) Perylene-d12	15.43	264	218834	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	375553	86.30	ng	-0.01
7) Phenol-d6	6.46	99	511107	89.44	ng	-0.02
23) Nitrobenzene-d5	7.39	82	307561	61.80	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	121613	119.30	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	541660	59.92	ng	-0.02
79) Terphenyl-d14	12.93	244	620076	49.10	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	40474	10.757	ng	# 71
25) Isophorone	7.39	82	307557	30.500	ng	# 66
50) Dimethylphthalate	9.58	163	86797	8.245	ng	100
57) 2,4-Dinitrotoluene	9.86	165	19194	7.815	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.65	198	132	7.564	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	7403	2.723	ng	# 1

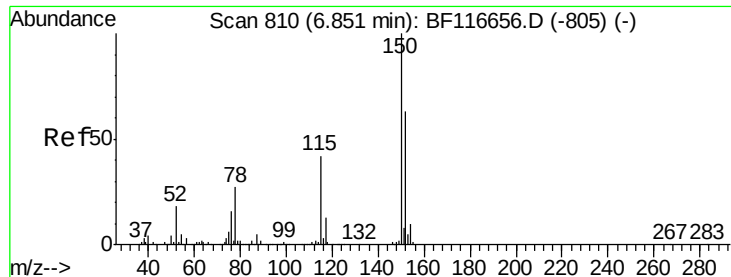
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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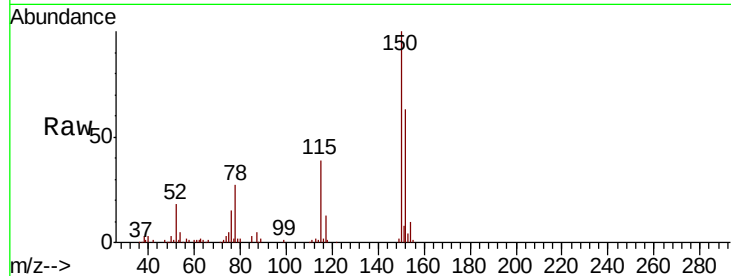


#1

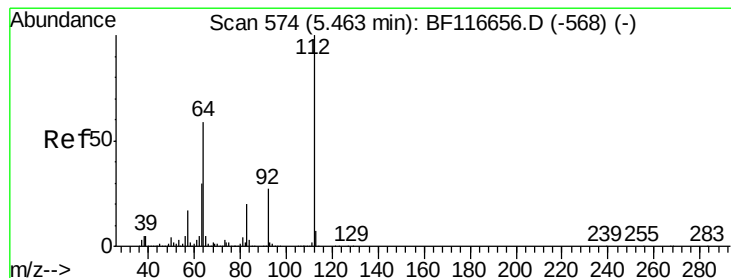
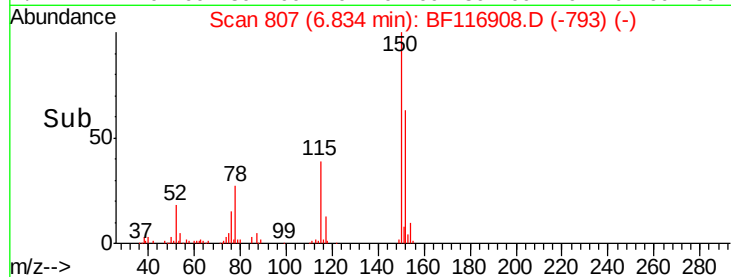
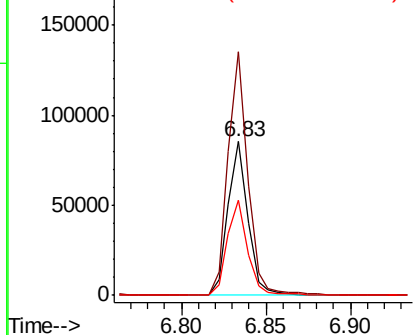
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116908.D
Acq: 9 Sep 2019 20:32

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.4	186.6
115	61.7	49.9	74.9



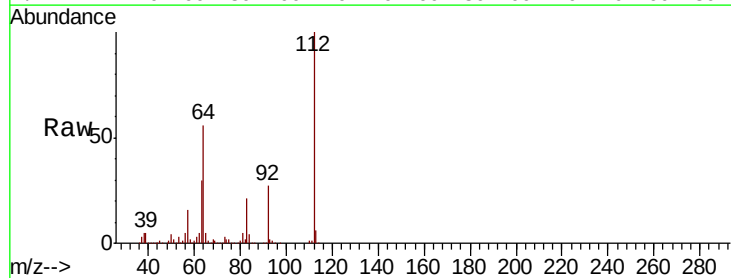
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



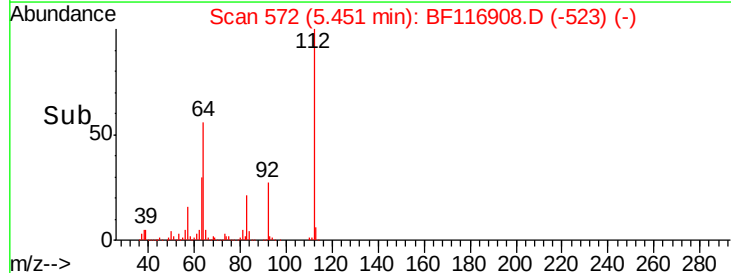
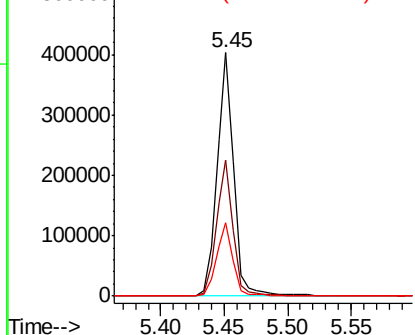
#5

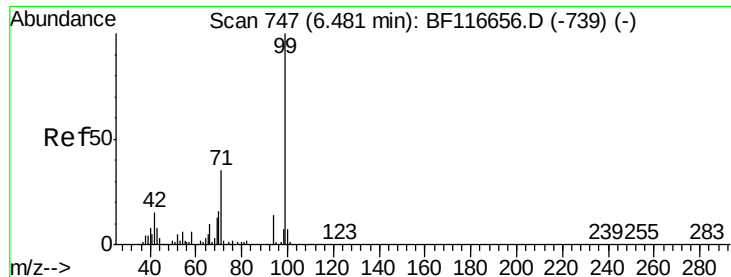
2-Fluorophenol
Concen: 86.298 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF116908.D
Acq: 9 Sep 2019 20:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.1	70.7
63	30.1	24.9	37.3



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: 89.442 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116908.D

Acq: 9 Sep 2019 20:32

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

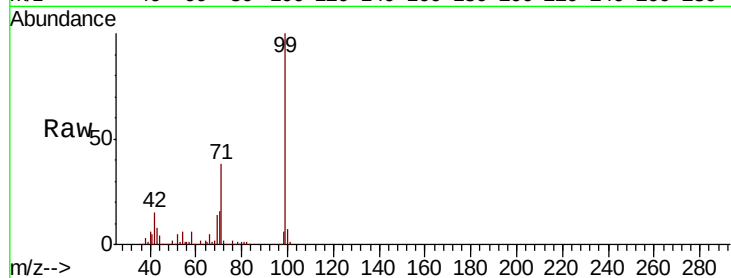
Tgt Ion: 99 Resp: 511107

Ion Ratio Lower Upper

99 100

42 15.4 13.7 20.5

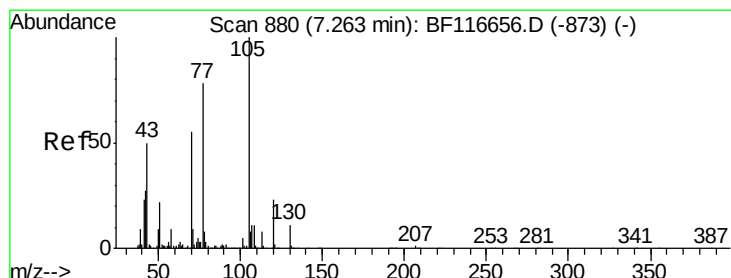
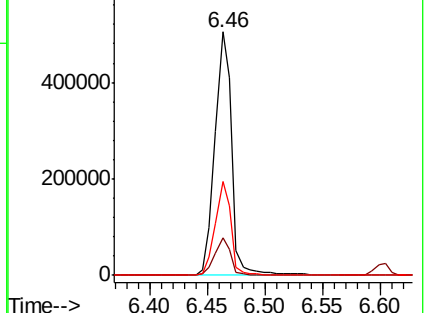
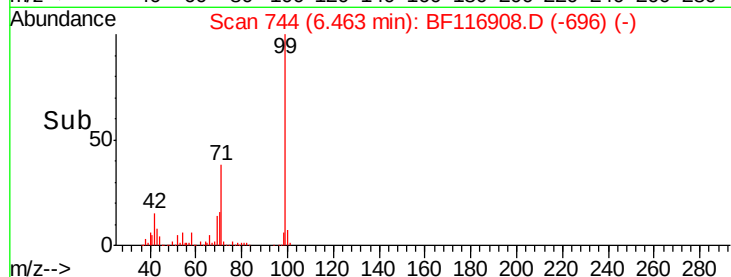
71 38.3 30.8 46.2



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: 10.757 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.13 min

Lab File: BF116908.D

Acq: 9 Sep 2019 20:32

Tgt Ion: 70 Resp: 40474

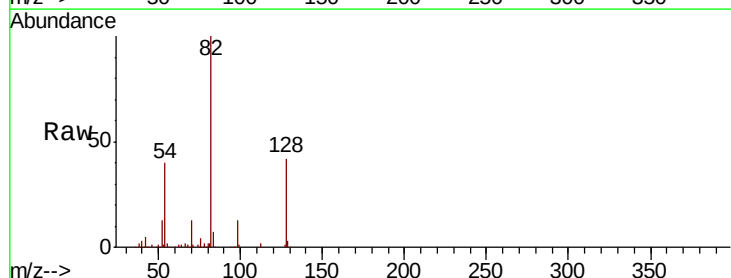
Ion Ratio Lower Upper

70 100

42 36.5 43.5 65.3#

101 0.0 7.8 11.6#

130 2.3 16.6 24.8#

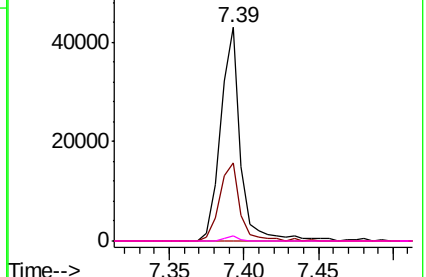
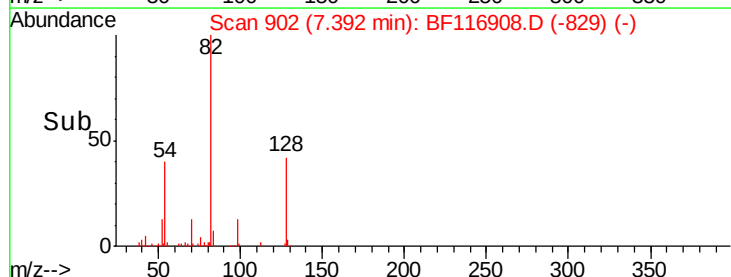


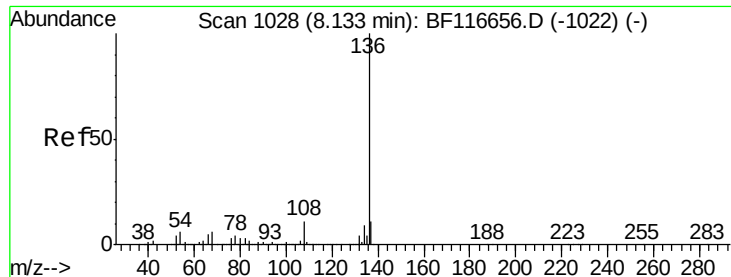
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

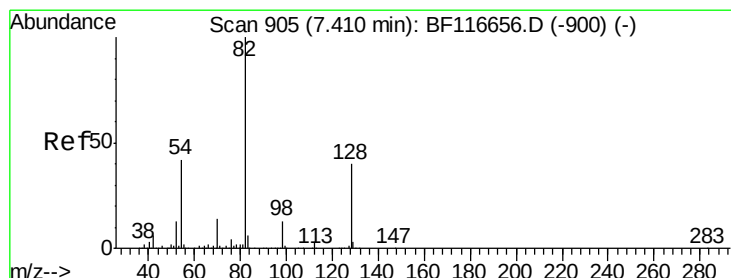
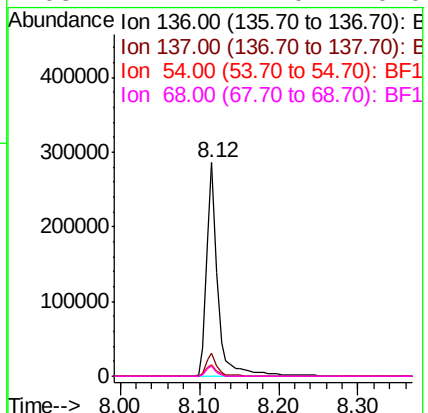
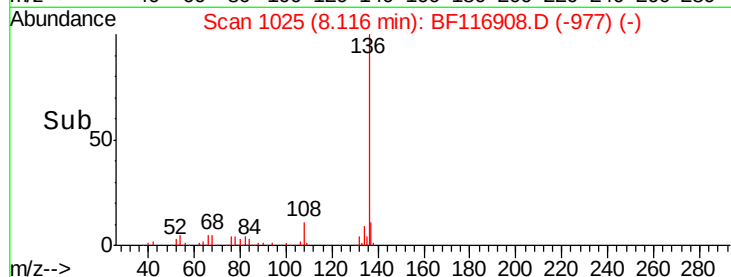
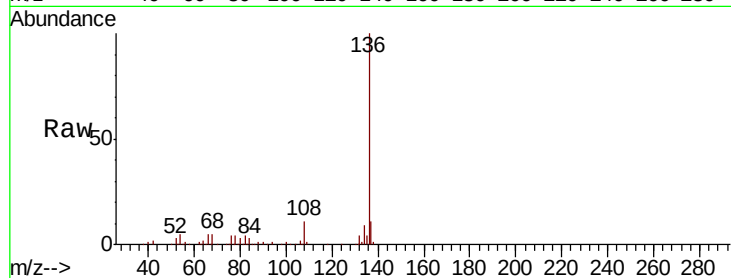




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF116908.D
Acq: 9 Sep 2019 20:32

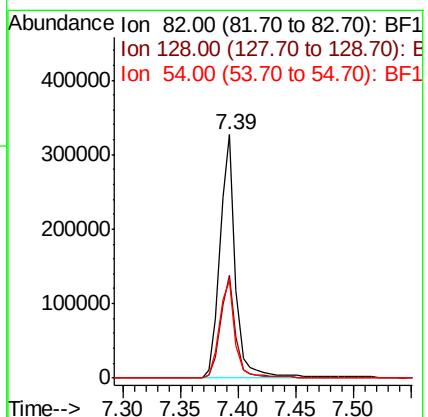
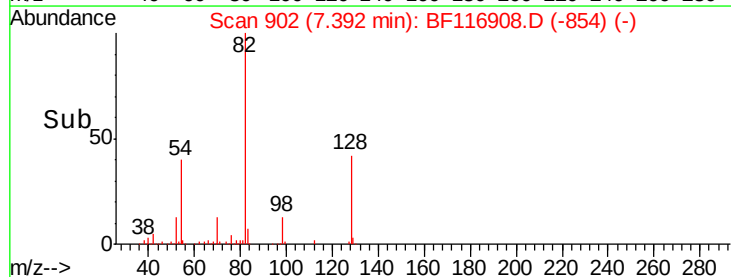
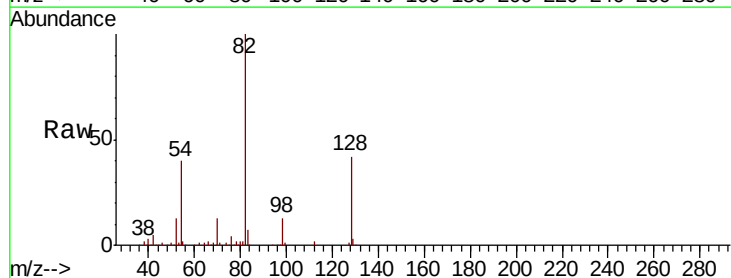
Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

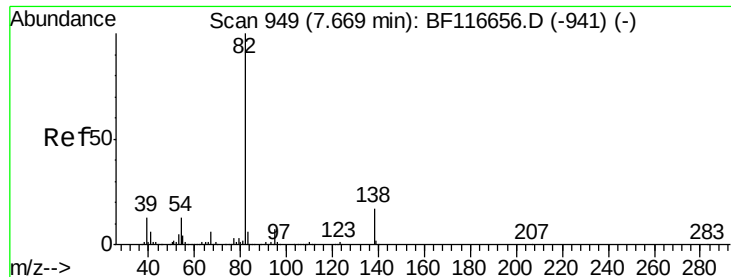
Tgt Ion:	136	Resp:	284085
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.4	4.8	7.2
68	4.7	4.0	6.0



#23
Nitrobenzene-d5
Concen: 61.805 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF116908.D
Acq: 9 Sep 2019 20:32

Tgt Ion:	82	Resp:	307561
Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.8	49.2
54	40.0	36.9	55.3





#25

Isophorone

Concen: 30.500 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.28 min

Lab File: BF116908.D

Acq: 9 Sep 2019 20:32

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

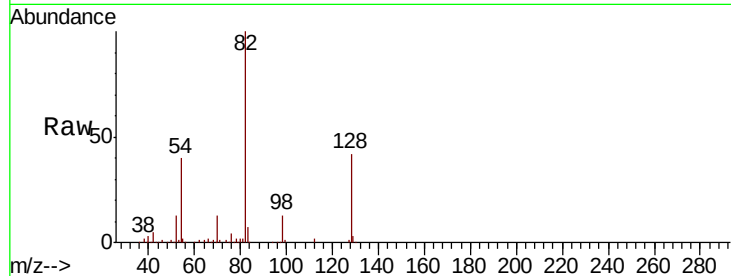
Tgt Ion: 82 Resp: 307557

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

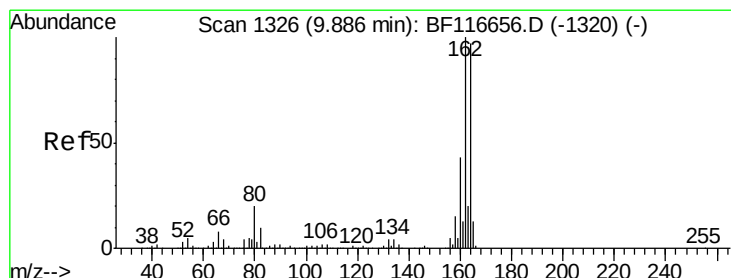
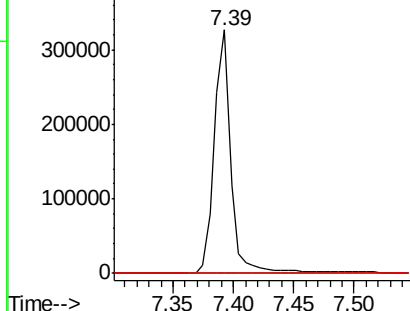
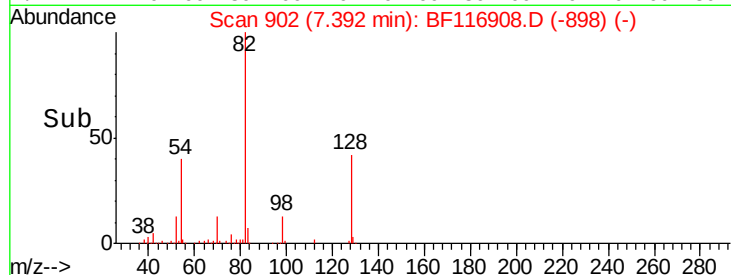
138 0.0 13.5 20.3#



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: 9.86 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF116908.D

Acq: 9 Sep 2019 20:32

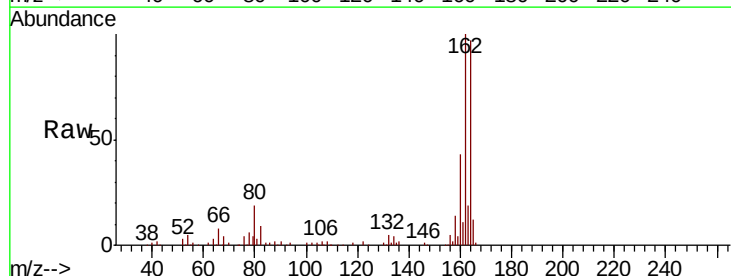
Tgt Ion: 164 Resp: 152490

Ion Ratio Lower Upper

164 100

162 103.3 81.4 122.0

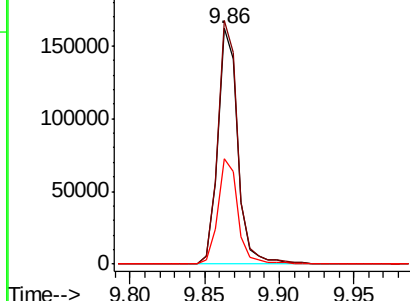
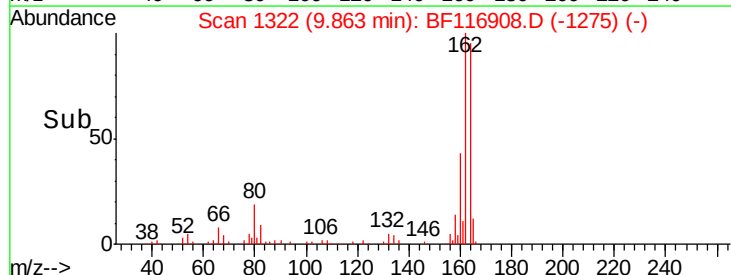
160 44.7 35.4 53.2

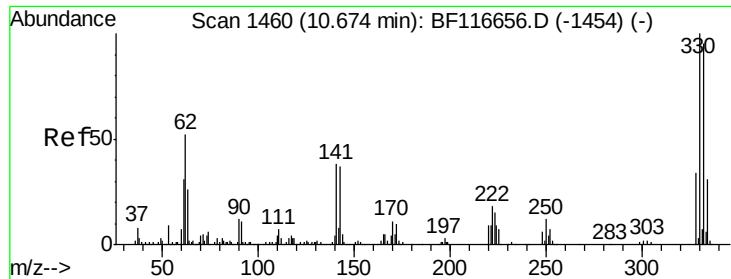


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 119.295 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BF116908.D

Acq: 9 Sep 2019 20:32

Instrument :

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ClientSampleId :

SB-10-COMP

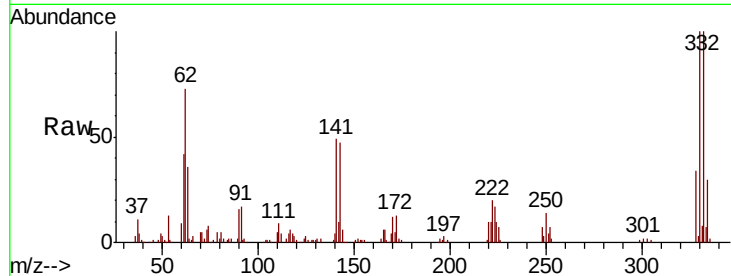
Tgt Ion:330 Resp: 121613

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

141 43.4 31.4 47.2

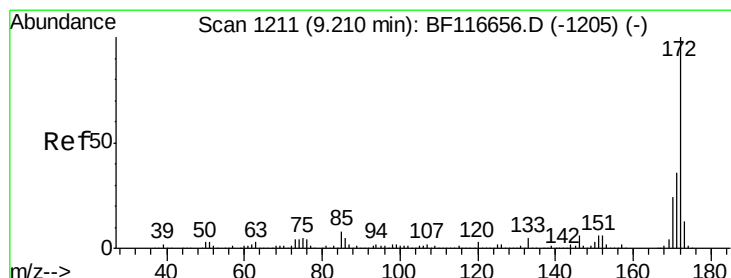
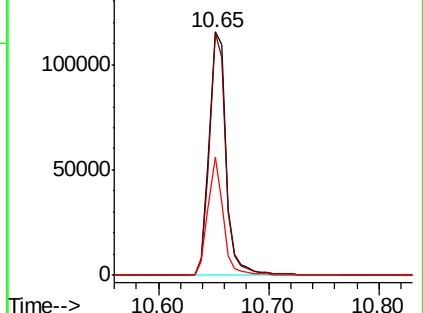
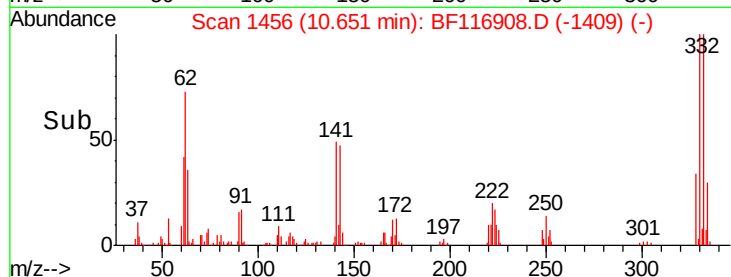


Abundance

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: 59.920 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116908.D

Acq: 9 Sep 2019 20:32

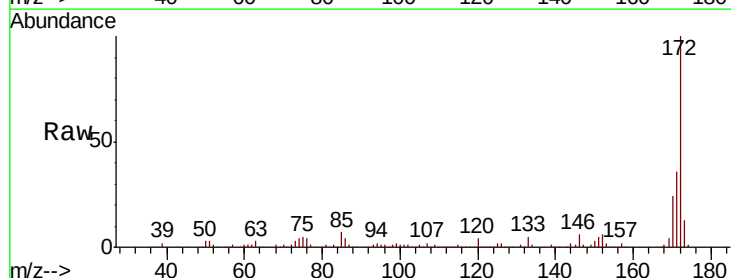
Tgt Ion:172 Resp: 541660

Ion Ratio Lower Upper

172 100

171 35.7 27.8 41.6

170 23.9 18.9 28.3

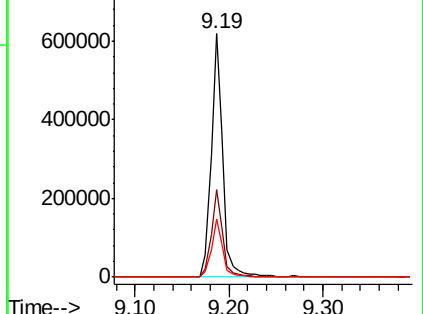
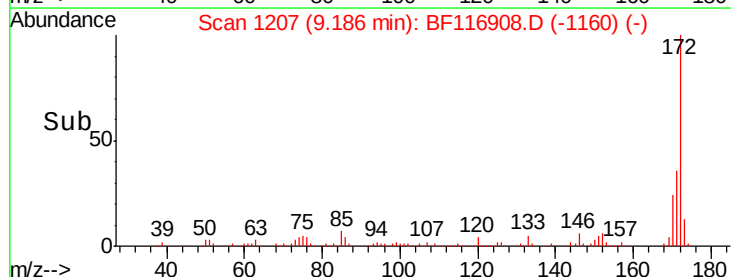


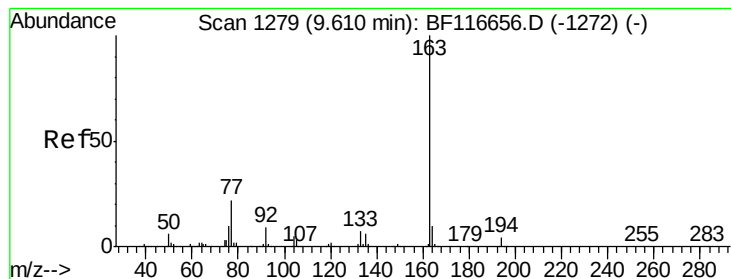
Abundance

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: 8.245 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.03 min

Lab File: BF116908.D

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SB-10-COMP

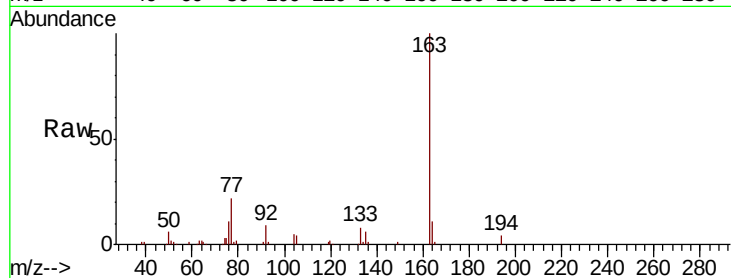
Tgt Ion:163 Resp: 86797

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

164 10.6 8.6 12.8

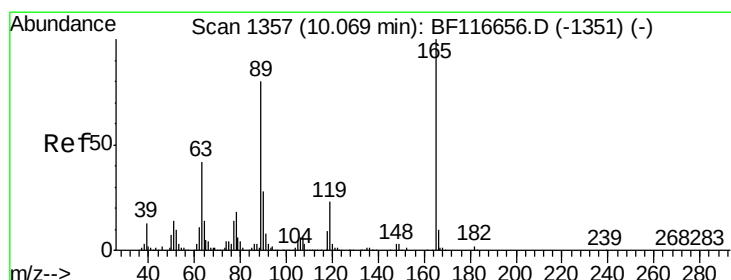
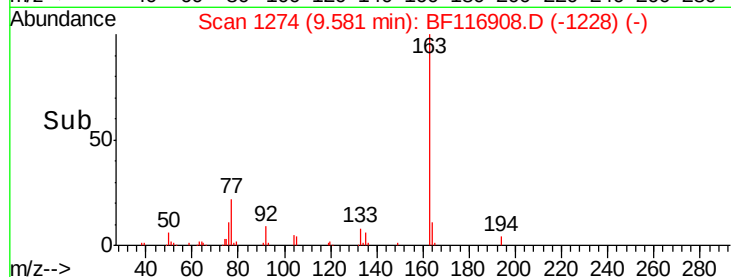
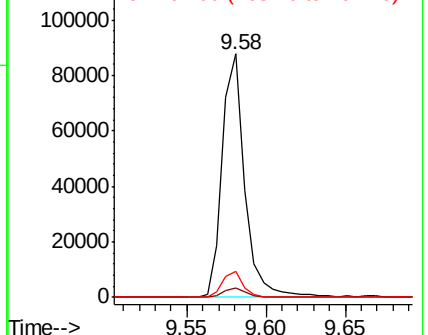


Abundance

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: 7.815 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.21 min

Lab File: BF116908.D

Acq: 9 Sep 2019 20:32

Tgt Ion:165 Resp: 19194

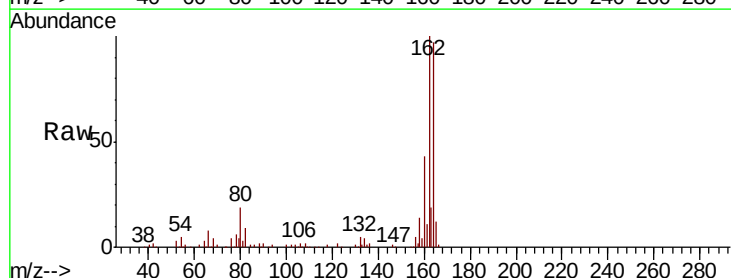
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 2.4 62.6 94.0#

182 0.0 2.1 3.1#



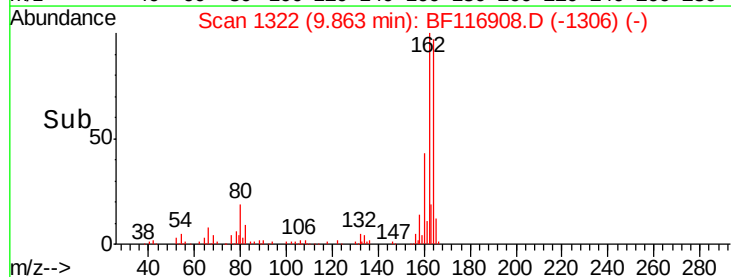
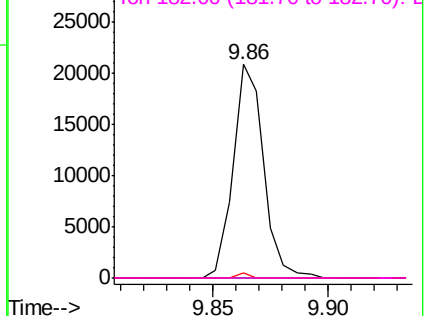
Abundance

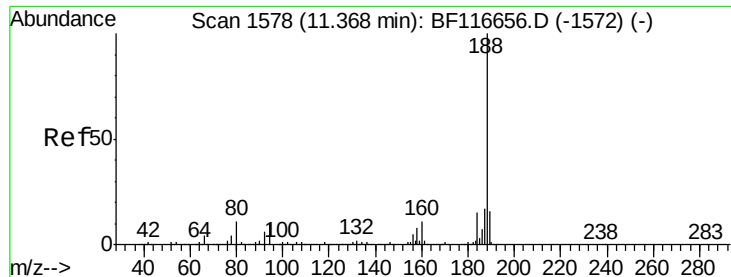
Ion 165.00 (164.70 to 165.70): E

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: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF116908.D

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SB-10-COMP

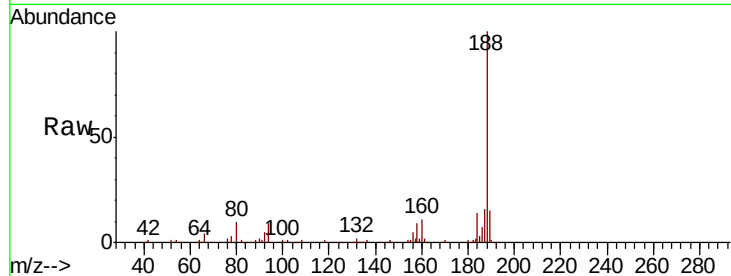
Tgt Ion:188 Resp: 267603

Ion Ratio Lower Upper

188 100

94 8.6 7.3 10.9

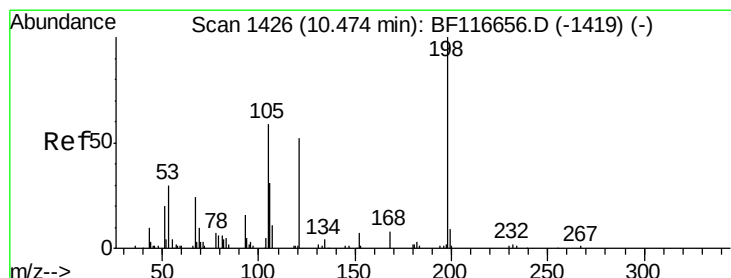
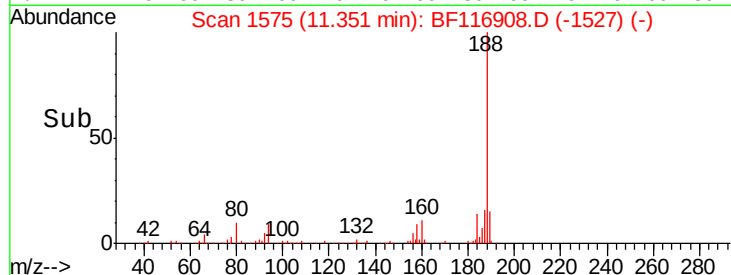
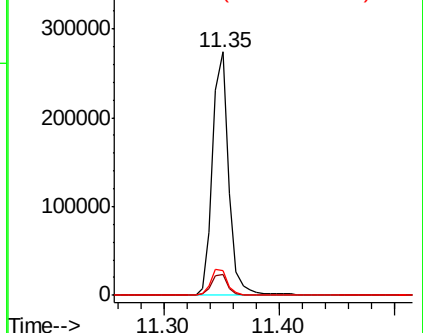
80 10.1 8.4 12.6



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



#65

4,6-Dinitro-2-methylphenol

Concen: 7.564 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.18 min

Lab File: BF116908.D

Acq: 9 Sep 2019 20:32

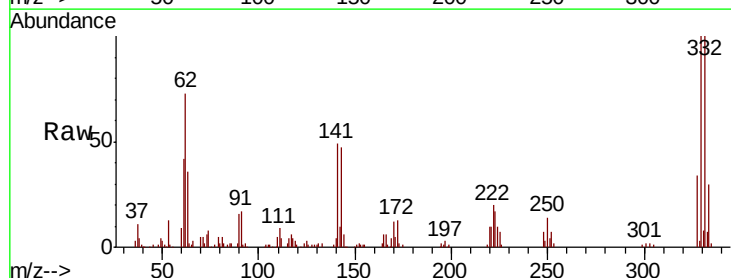
Tgt Ion:198 Resp: 132

Ion Ratio Lower Upper

198 100

51 204.6 18.4 58.4#

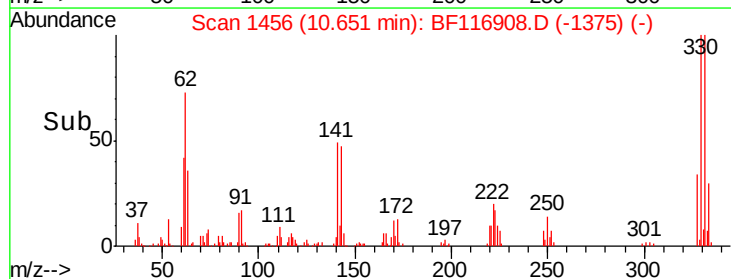
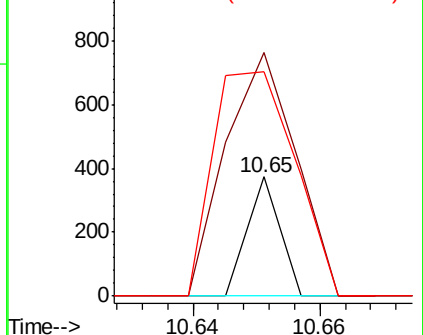
105 188.2 22.9 62.9#

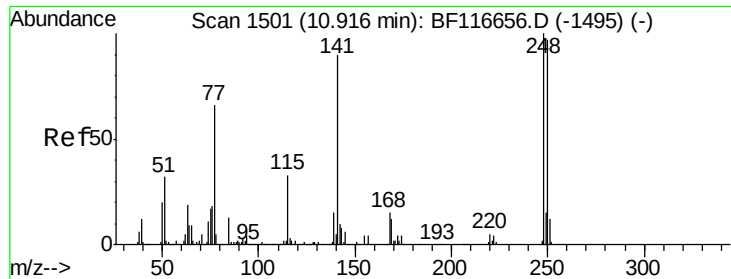


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

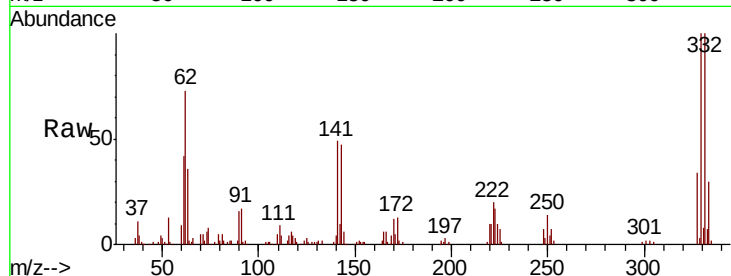




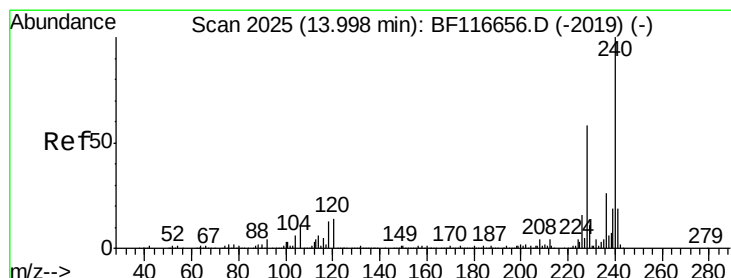
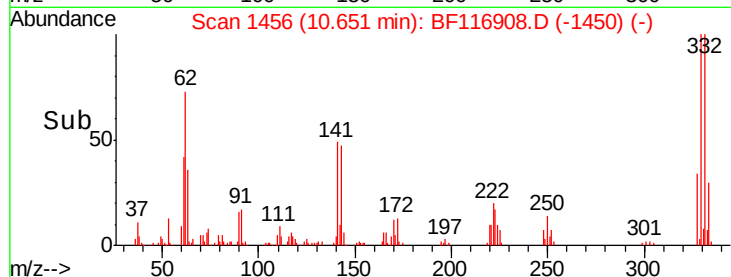
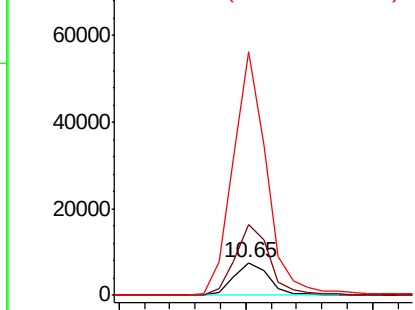
#67
 4-Bromophenyl-phenylether
 Concen: 2.723 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.26 min
 Lab File: BF116908.D
 Acq: 9 Sep 2019 20:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tgt Ion: 248 Resp: 7403
 Ion Ratio Lower Upper
 248 100
 250 216.9 77.8 116.8#
 141 741.0 75.9 113.9#

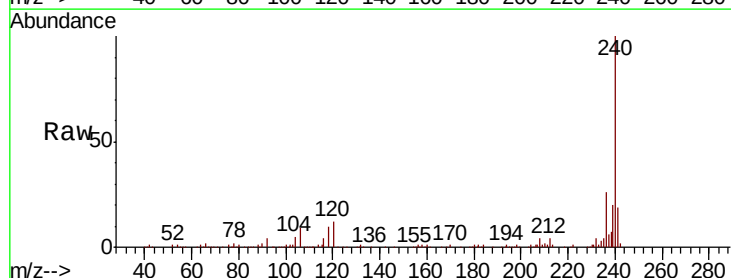


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

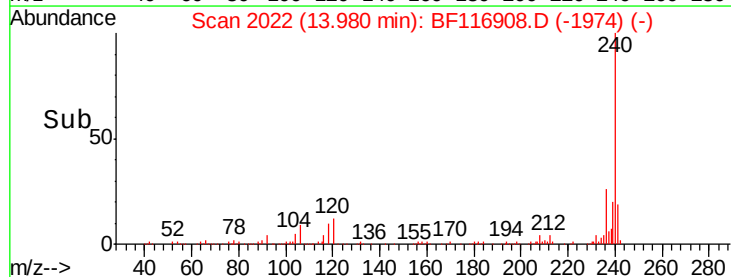
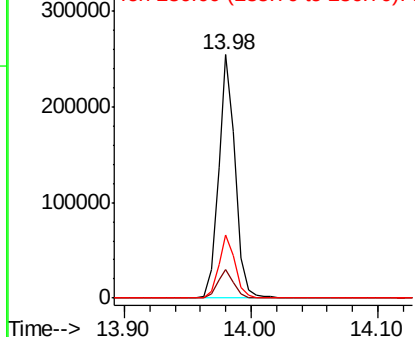


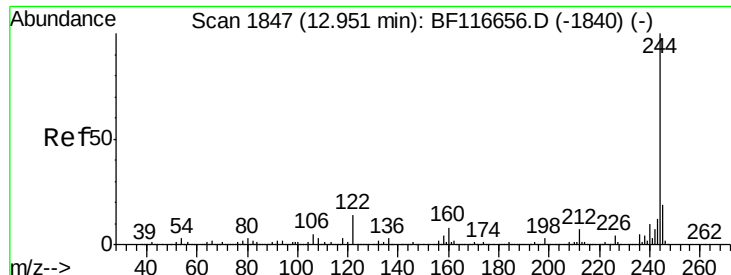
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF116908.D
 Acq: 9 Sep 2019 20:32

Tgt Ion: 240 Resp: 233643
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.1 13.7
 236 26.1 21.1 31.7



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: 49.096 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BF116908.D

Acq: 9 Sep 2019 20:32

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

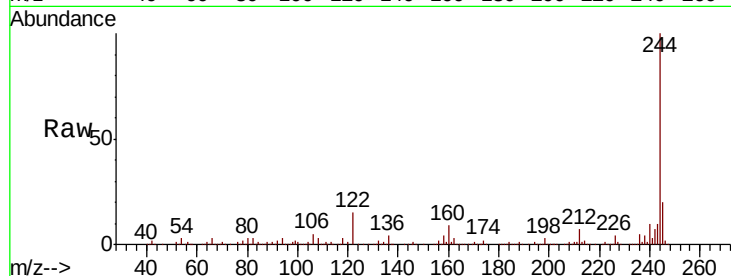
Tgt Ion:244 Resp: 620076

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

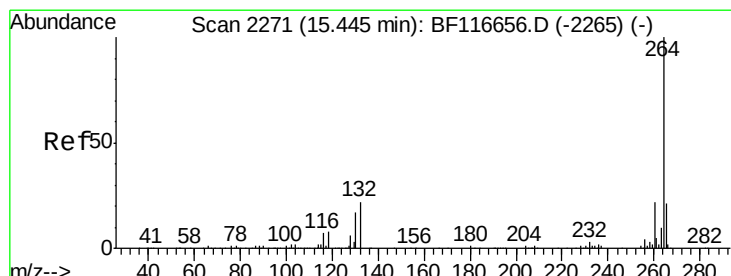
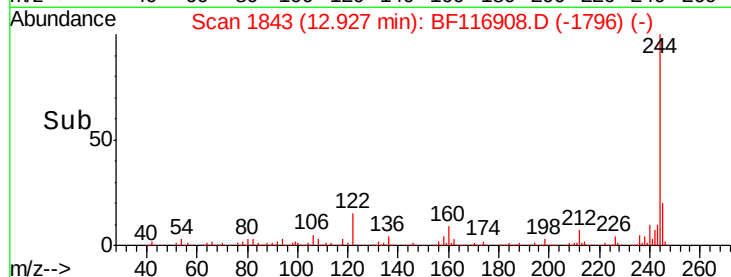
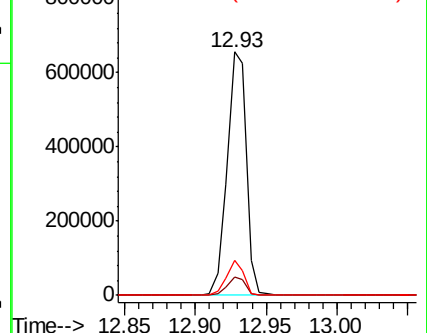
122 14.5 10.2 15.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF116908.D

Acq: 9 Sep 2019 20:32

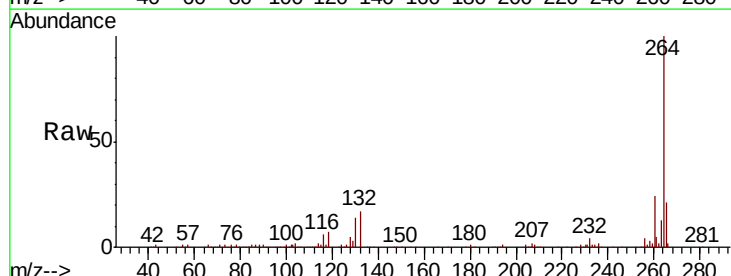
Tgt Ion:264 Resp: 218834

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 20.9 16.5 24.7



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

