

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
 Data File : BF118872.D
 Acq On : 10 Feb 2020 16:49
 Operator : CG/JU
 Sample : L1472-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Feb 11 00:15:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

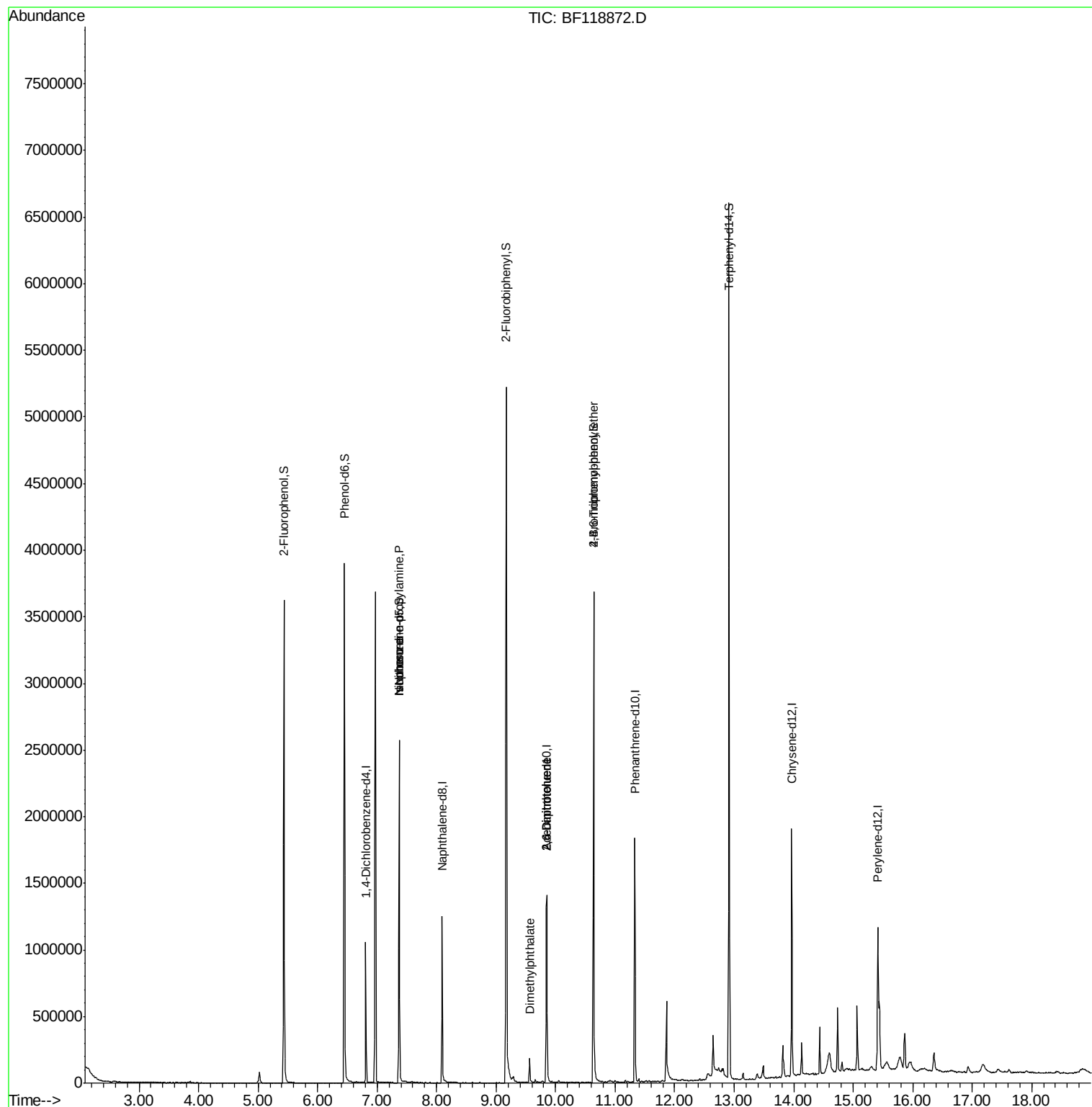
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	165341	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	603256	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	345353	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	717004	20.00	ng	0.00
76) Chrysene-d12	13.97	240	665857	20.00	ng	-0.01
87) Perylene-d12	15.42	264	609567	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1128205	129.16	ng	0.00
7) Phenol-d6	6.45	99	1351176	124.61	ng	0.00
23) Nitrobenzene-d5	7.37	82	858154	84.79	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	525527	127.18	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1870692	96.84	ng	-0.01
79) Terphenyl-d14	12.92	244	2578806	79.55	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.45	77	2151	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.37	70	117848	17.764	ng	# 77
25) Isophorone	7.37	82	858144	47.178	ng	# 63
50) Dimethylphthalate	9.56	163	88590	3.767	ng	# 99
51) 2,6-Dinitrotoluene	9.85	165	45126	8.387	ng	# 31
57) 2,4-Dinitrotoluene	9.85	165	45127	6.338	ng	# 34
67) 4-Bromophenyl-phenylether	10.64	248	34740	4.096	ng	# 1

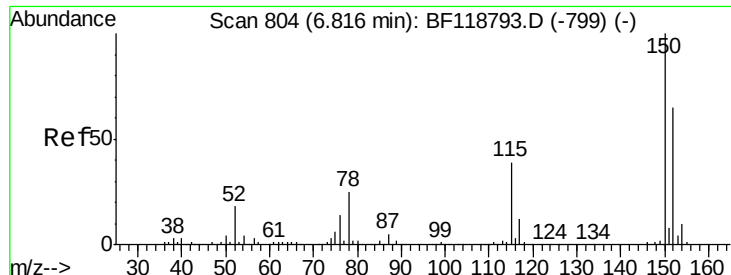
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
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Quant Time: Feb 11 00:15:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



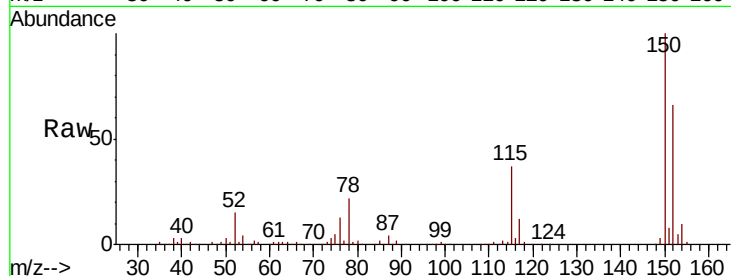


#1

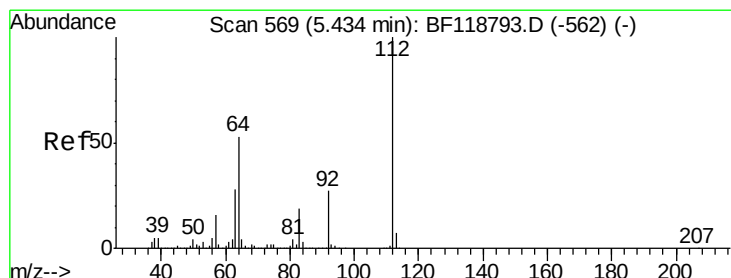
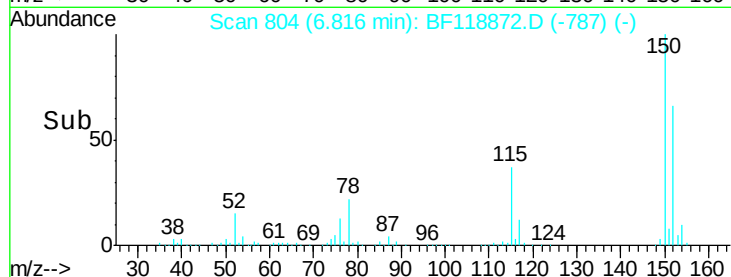
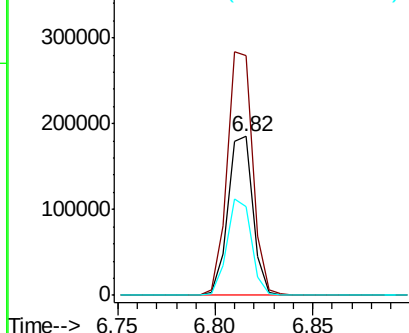
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF118872.D
Acq: 10 Feb 2020 16:49

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	123.6	185.4
115	55.8	48.2	72.2



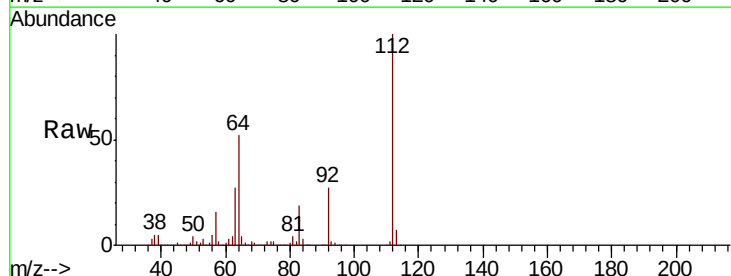
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



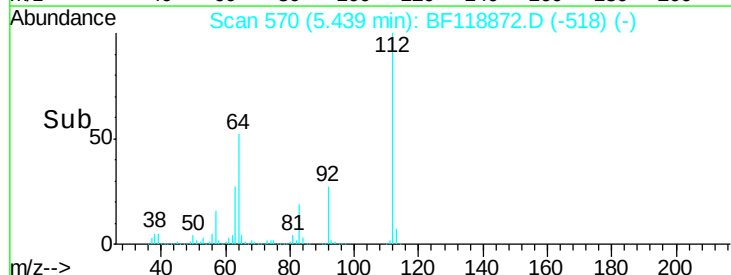
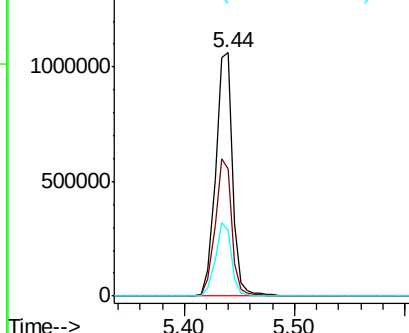
#5

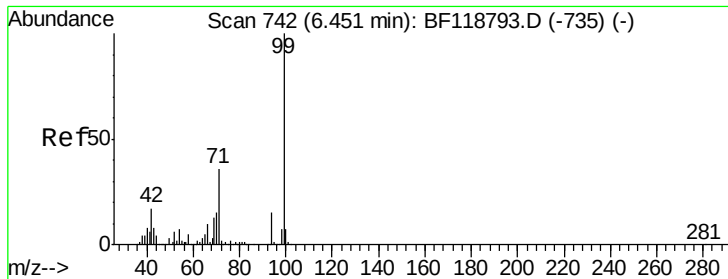
2-Fluorophenol
Concen: 129.164 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF118872.D
Acq: 10 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	42.6	63.8
63	27.1	22.2	33.4



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: 124.615 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF118872.D

Acq: 10 Feb 2020 16:49

Instrument :

BNA_F

ClientSampleId :

TP-4

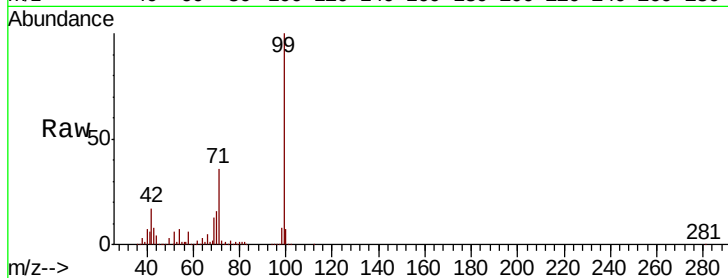
Tot Ion: 99 Resp: 1351176

Ion Ratio Lower Upper

99 100

42 16.7 13.4 20.0

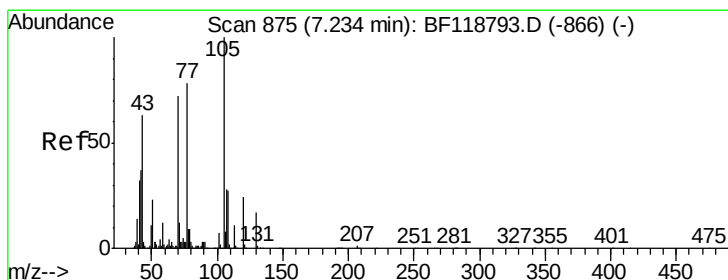
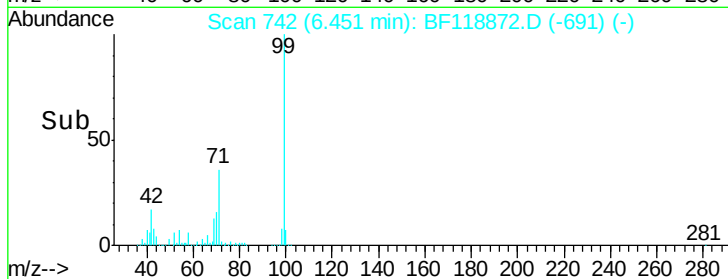
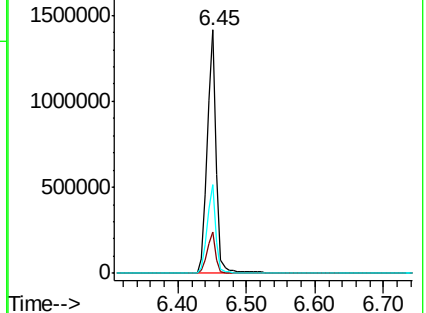
71 36.4 29.0 43.6



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: 17.764 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF118872.D

Acq: 10 Feb 2020 16:49

Tgt Ion: 70 Resp: 117848

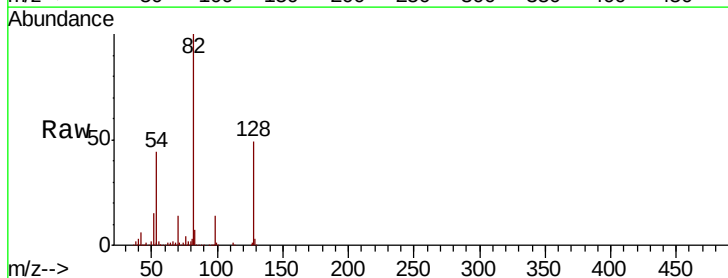
Ion Ratio Lower Upper

70 100

42 43.1 41.5 62.3

101 0.0 8.3 12.5#

130 2.4 19.2 28.8#

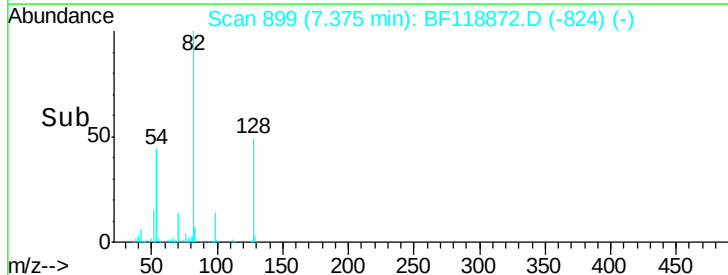
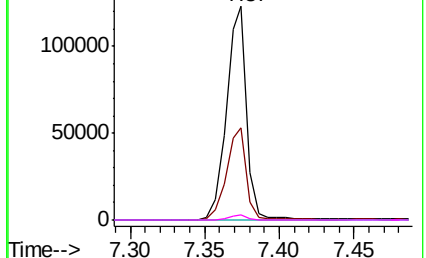


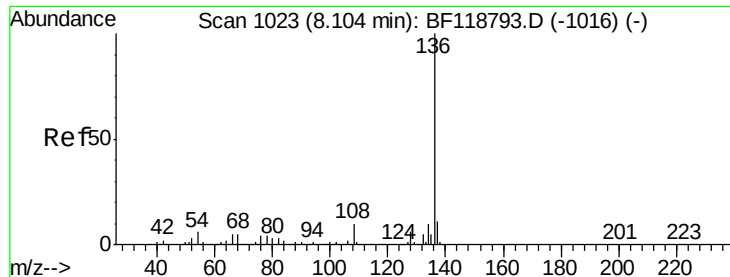
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

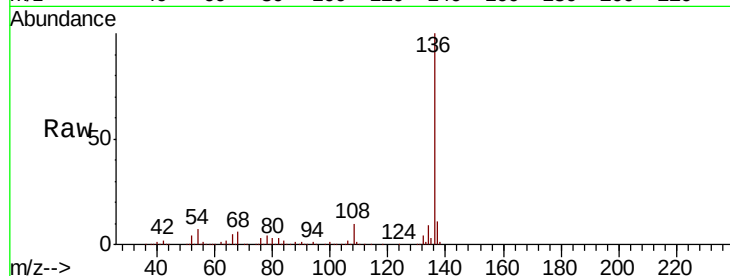




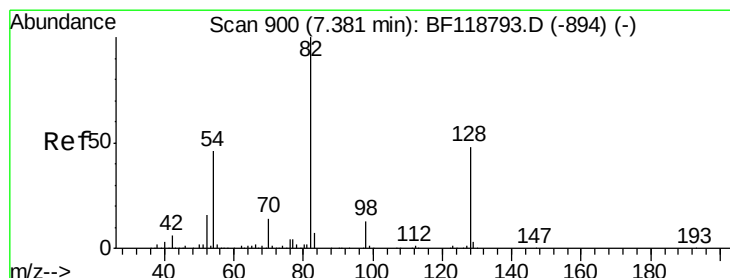
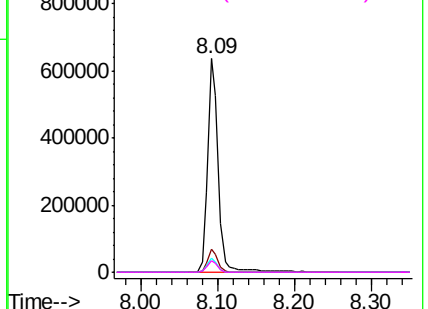
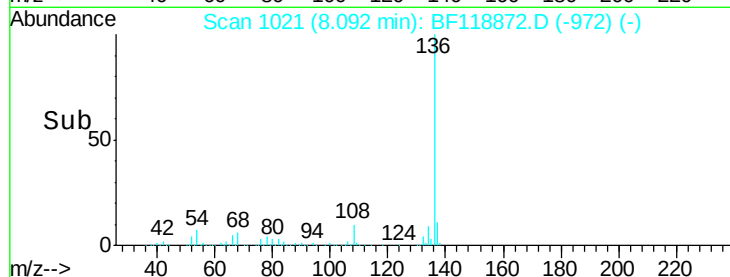
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118872.D
Acq: 10 Feb 2020 16:49

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion:136	Resp: 603256
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 6.7	5.0 7.6
68 5.6	4.2 6.4

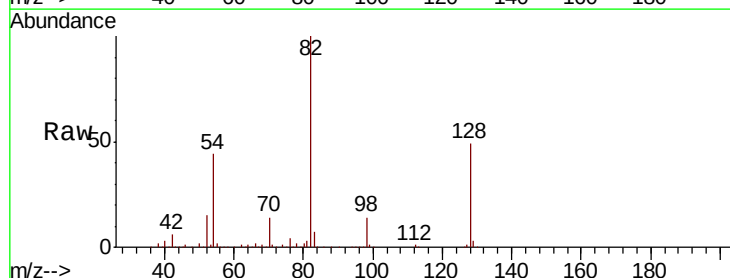


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

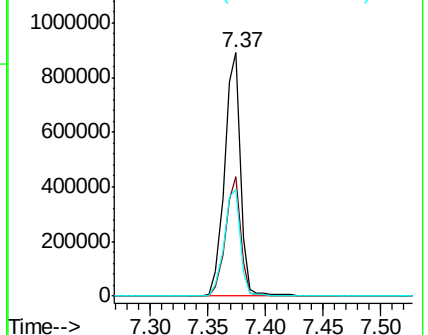
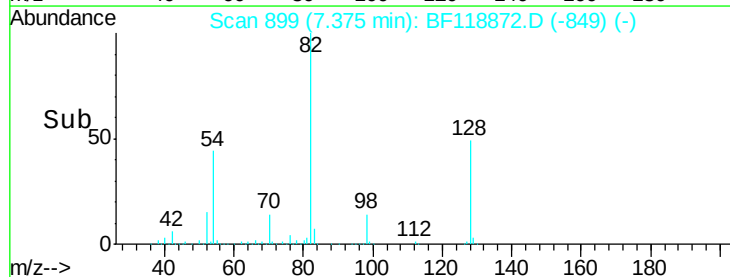


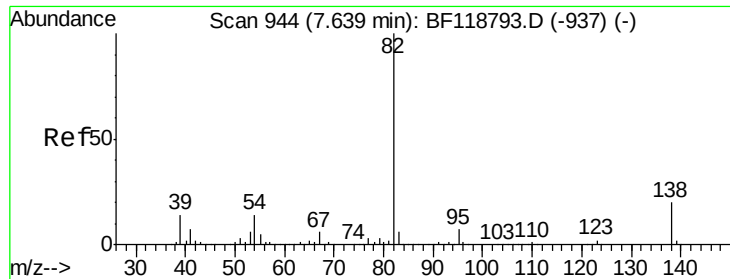
#23
Nitrobenzene-d5
Concen: 84.790 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118872.D
Acq: 10 Feb 2020 16:49

Tgt Ion: 82	Resp: 858154
Ion Ratio	Lower Upper
82 100	
128 48.9	38.5 57.7
54 43.9	36.7 55.1



Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.178 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF118872.D

Acq: 10 Feb 2020 16:49

Instrument :

BNA_F

ClientSampleId :

TP-4

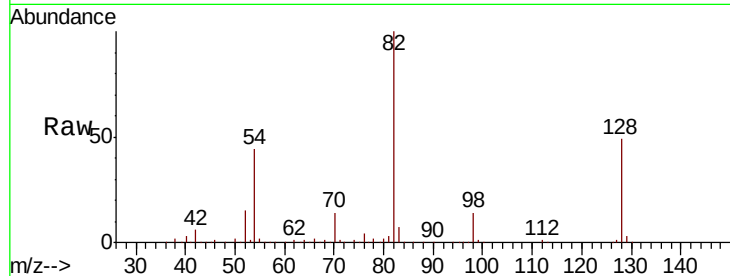
Tot Ion: 82 Resp: 858144

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

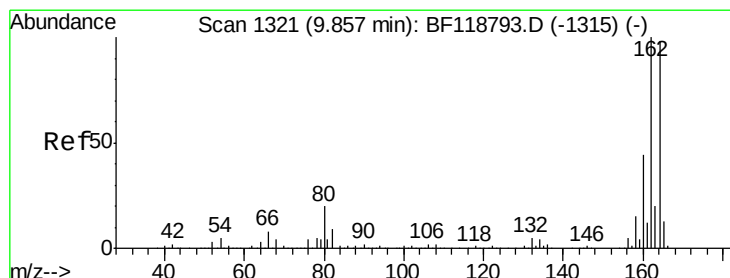
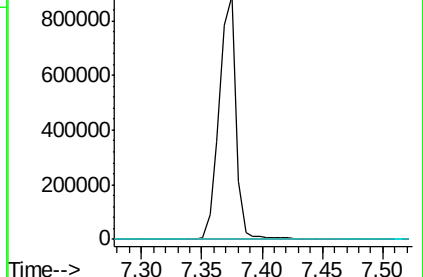
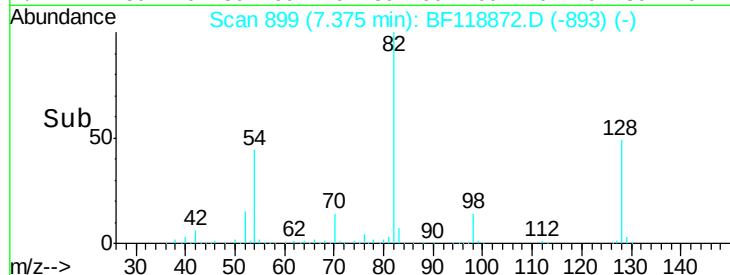
138 0.0 15.7 23.5#



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: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF118872.D

Acq: 10 Feb 2020 16:49

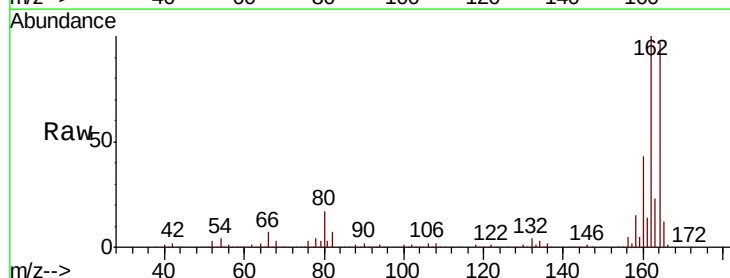
Tgt Ion: 164 Resp: 345353

Ion Ratio Lower Upper

164 100

162 102.9 81.4 122.2

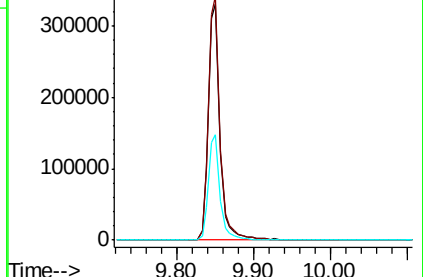
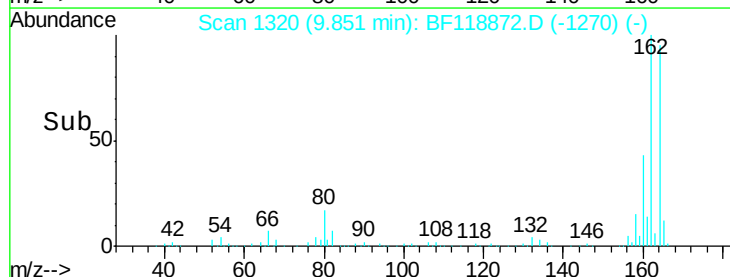
160 44.7 35.6 53.4

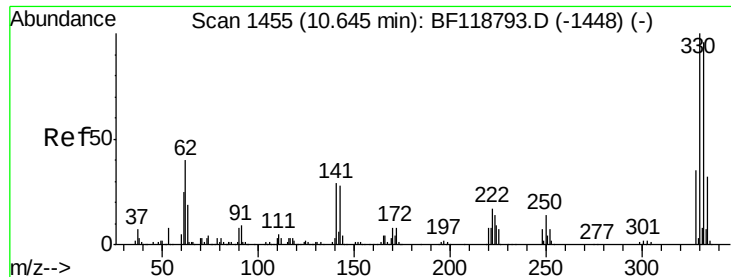


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 127.177 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118872.D

Acq: 10 Feb 2020 16:49

Instrument :

BNA_F

ClientSampleId :

TP-4

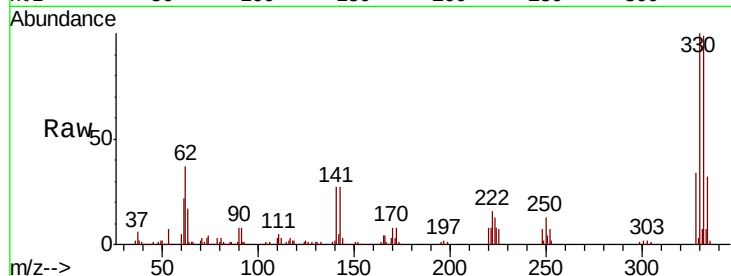
Tot Ion:330 Resp: 525527

Ion Ratio Lower Upper

330 100

332 98.0 77.3 115.9

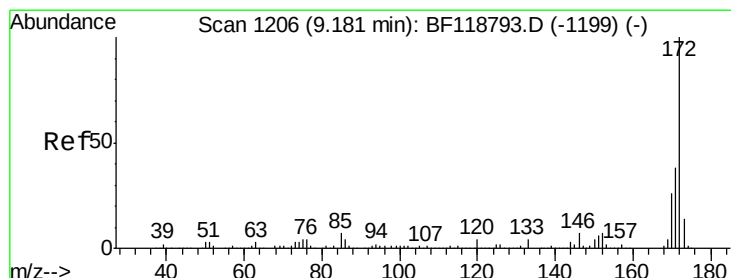
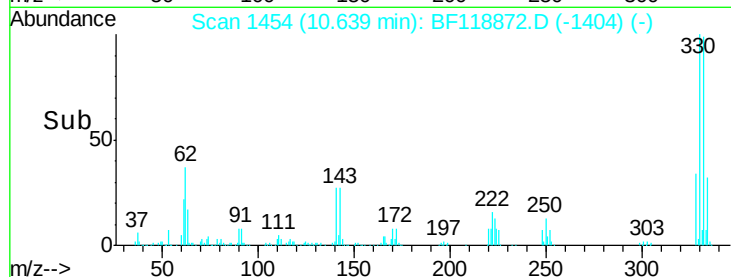
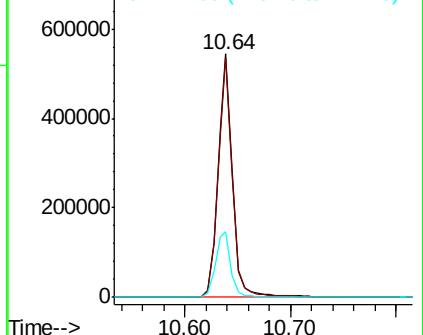
141 29.2 22.4 33.6



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: 96.835 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF118872.D

Acq: 10 Feb 2020 16:49

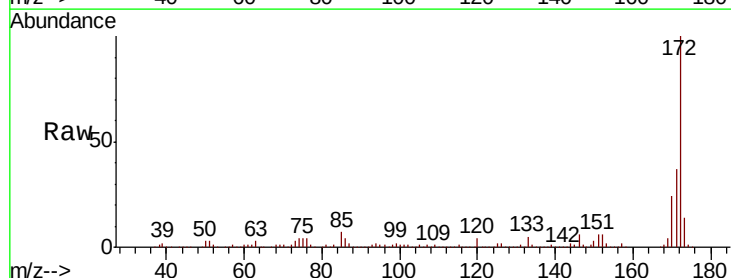
Tgt Ion:172 Resp: 1870692

Ion Ratio Lower Upper

172 100

171 36.8 30.8 46.2

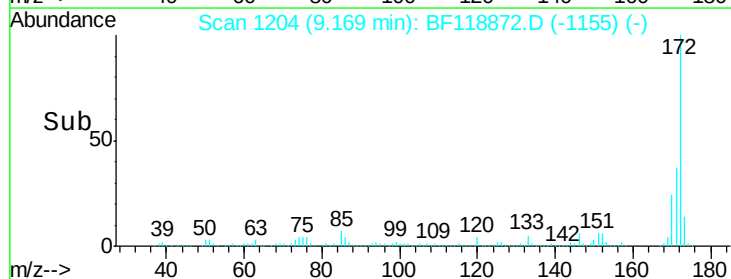
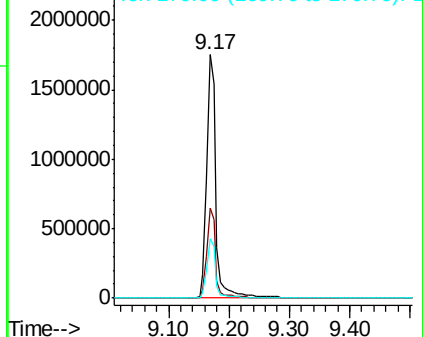
170 24.5 20.5 30.7

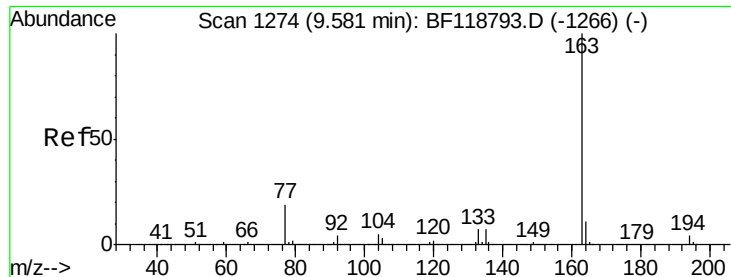


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.767 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF118872.D

Acq: 10 Feb 2020 16:49

Instrument :

BNA_F

ClientSampled :

TP-4

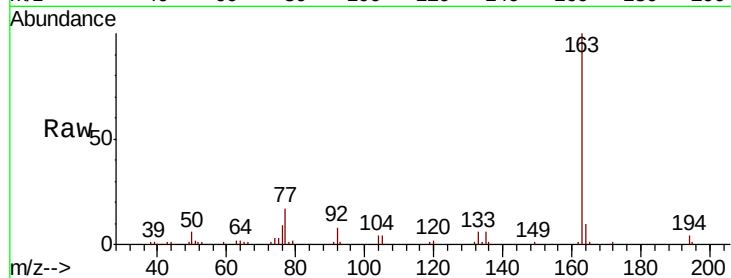
Tot Ion:163 Resp: 88590

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

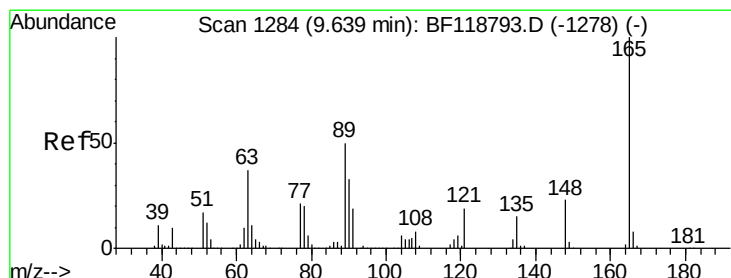
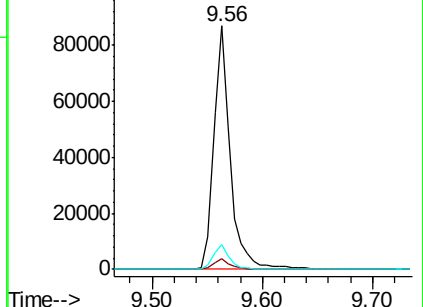
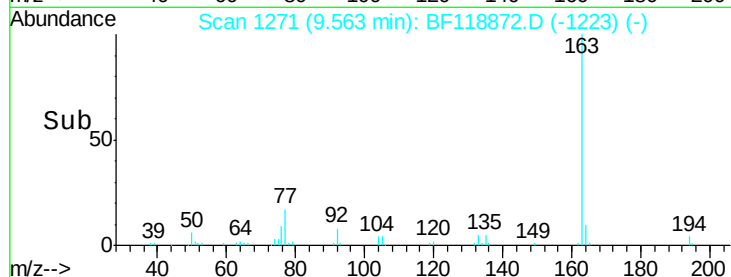
164 10.3 8.7 13.1



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: 8.387 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.21 min

Lab File: BF118872.D

Acq: 10 Feb 2020 16:49

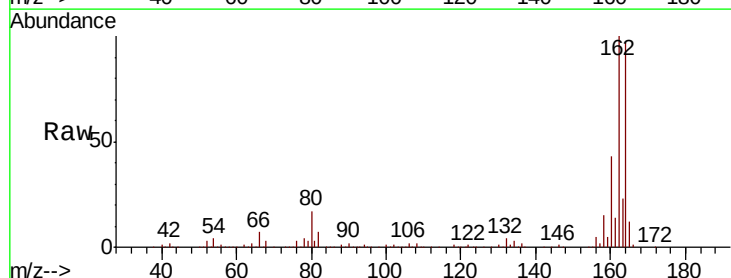
Tgt Ion:165 Resp: 45126

Ion Ratio Lower Upper

165 100

63 1.4 37.4 56.0#

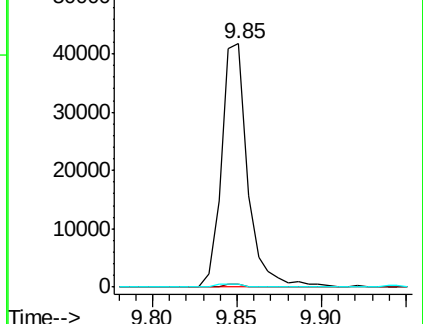
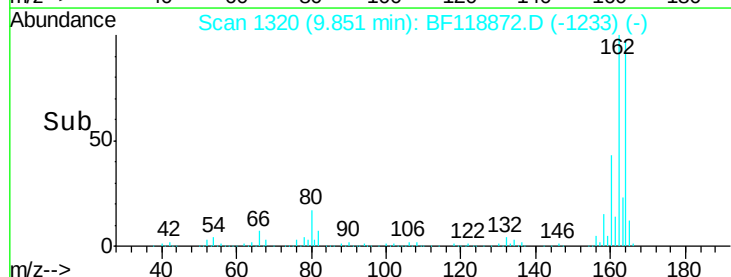
89 1.0 39.7 59.5#

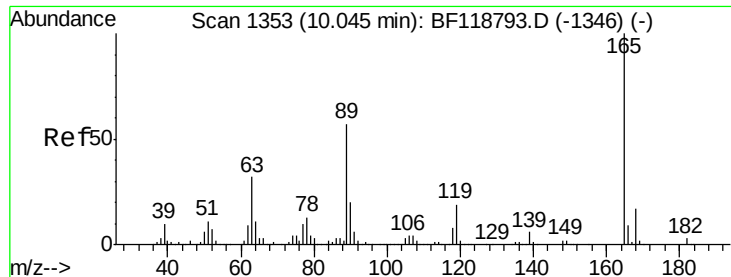


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.338 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.19 min

Lab File: BF118872.D

Acq: 10 Feb 2020 16:49

Instrument :

BNA_F

ClientSampleId :

TP-4

Tot Ion:165 Resp: 45127

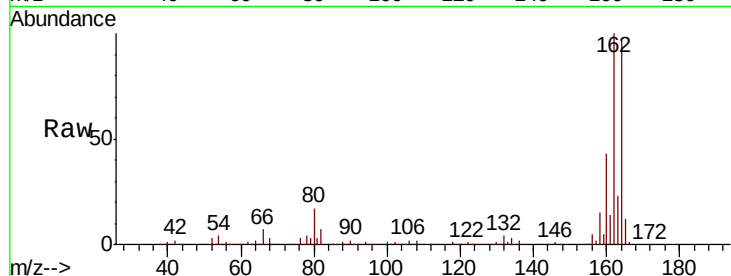
Ion Ratio Lower Upper

165 100

63 1.4 25.5 38.3#

89 1.0 45.4 68.0#

182 0.0 2.4 3.6#

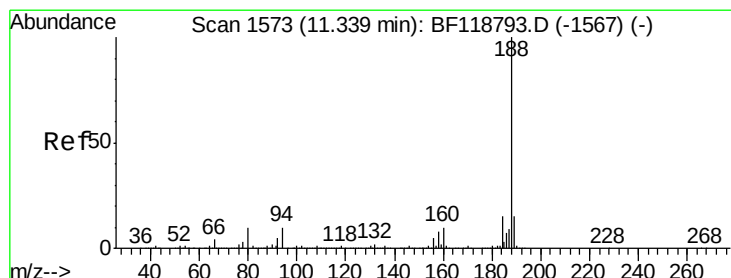
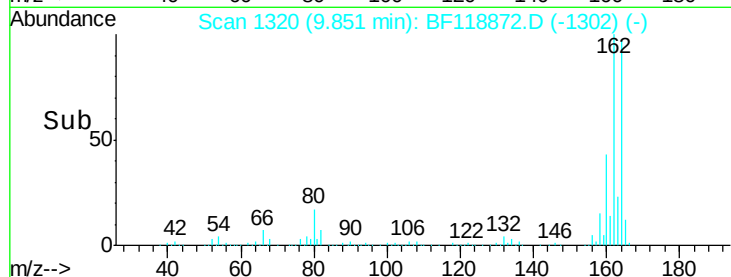
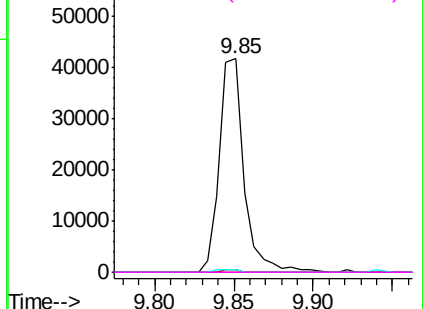


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF118872.D

Acq: 10 Feb 2020 16:49

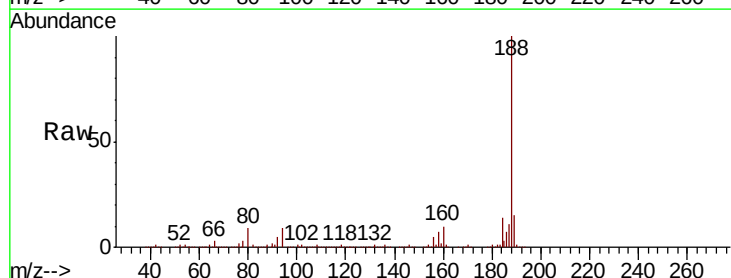
Tgt Ion:188 Resp: 717004

Ion Ratio Lower Upper

188 100

94 8.6 7.9 11.9

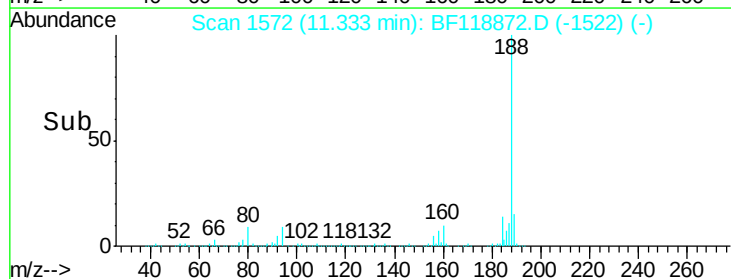
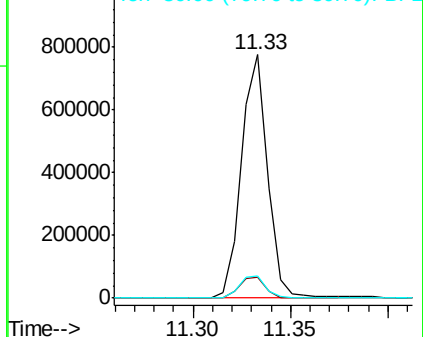
80 9.2 8.4 12.6

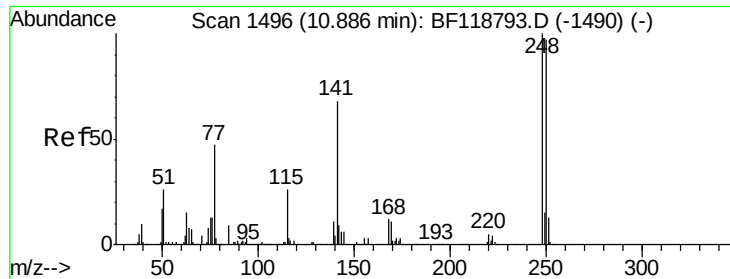


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

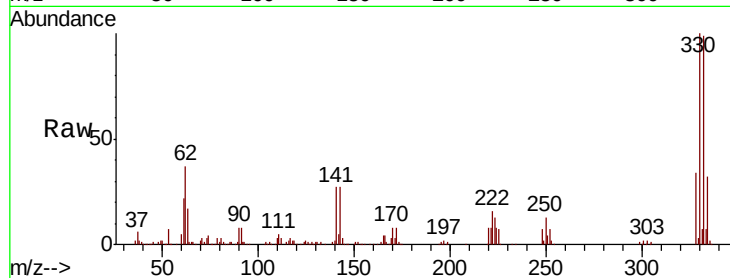




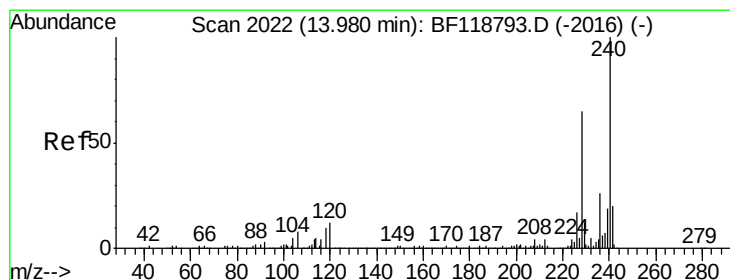
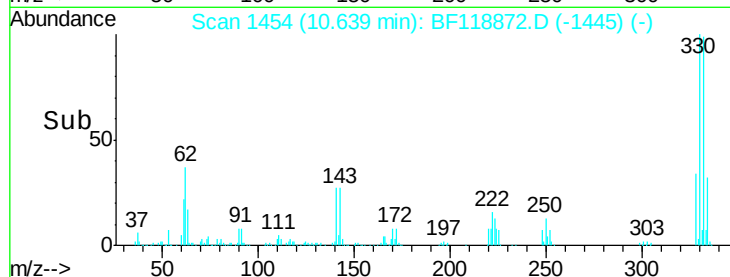
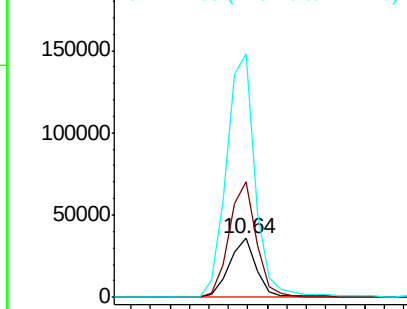
#67
4-Bromophenyl-phenylether
Concen: 4.096 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF118872.D
Acq: 10 Feb 2020 16:49

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion:248 Resp: 34740
Ion Ratio Lower Upper
248 100
250 197.0 77.6 116.4#
141 414.3 54.4 81.6#

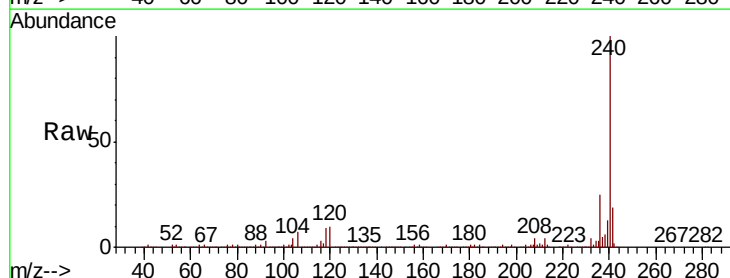


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

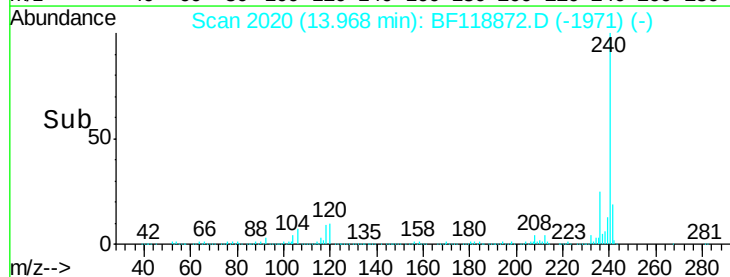
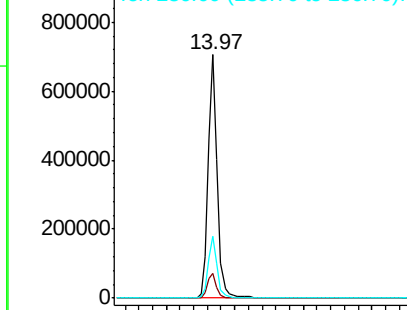


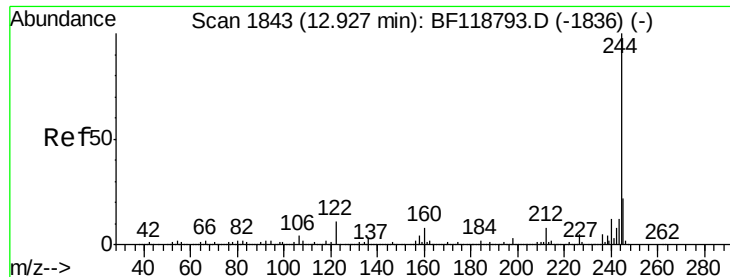
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF118872.D
Acq: 10 Feb 2020 16:49

Tgt Ion:240 Resp: 665857
Ion Ratio Lower Upper
240 100
120 9.9 9.4 14.0
236 25.5 21.0 31.6



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: 79.551 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF118872.D

Acq: 10 Feb 2020 16:49

Instrument :

BNA_F

ClientSampleId :

TP-4

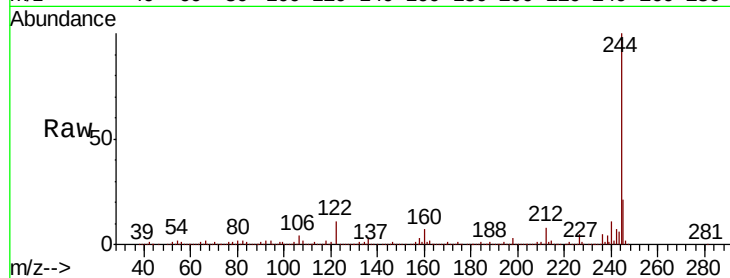
Tot Ion:244 Resp: 2578806

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

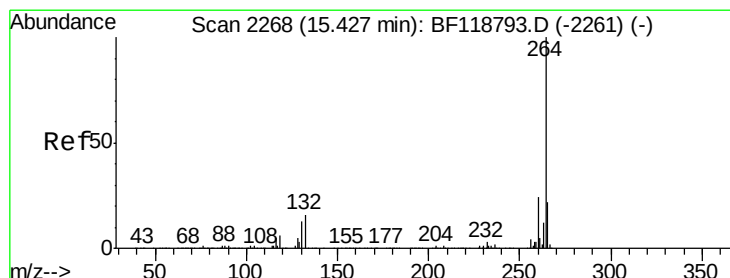
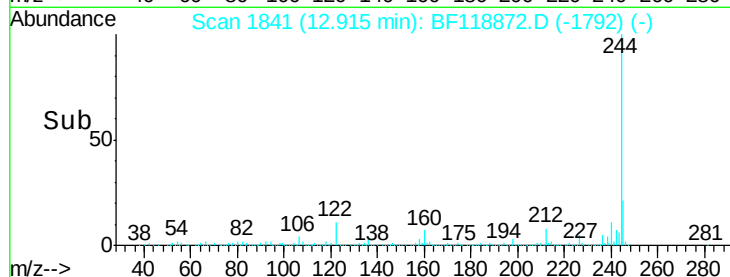
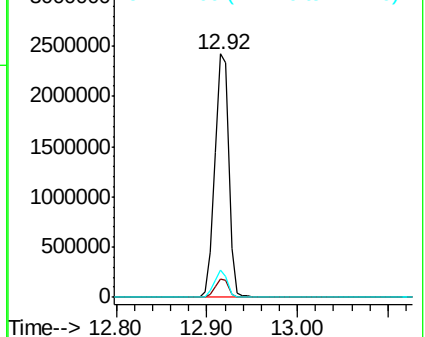
122 11.1 8.9 13.3



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: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF118872.D

Acq: 10 Feb 2020 16:49

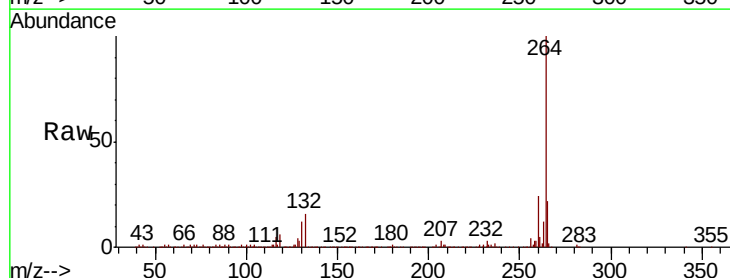
Tgt Ion:264 Resp: 609567

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 22.0 17.2 25.8



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

