

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
 Data File : BF120648.D
 Acq On : 18 Jun 2020 18:08
 Operator : JU/CG
 Sample : L3034-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Jun 18 18:44:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

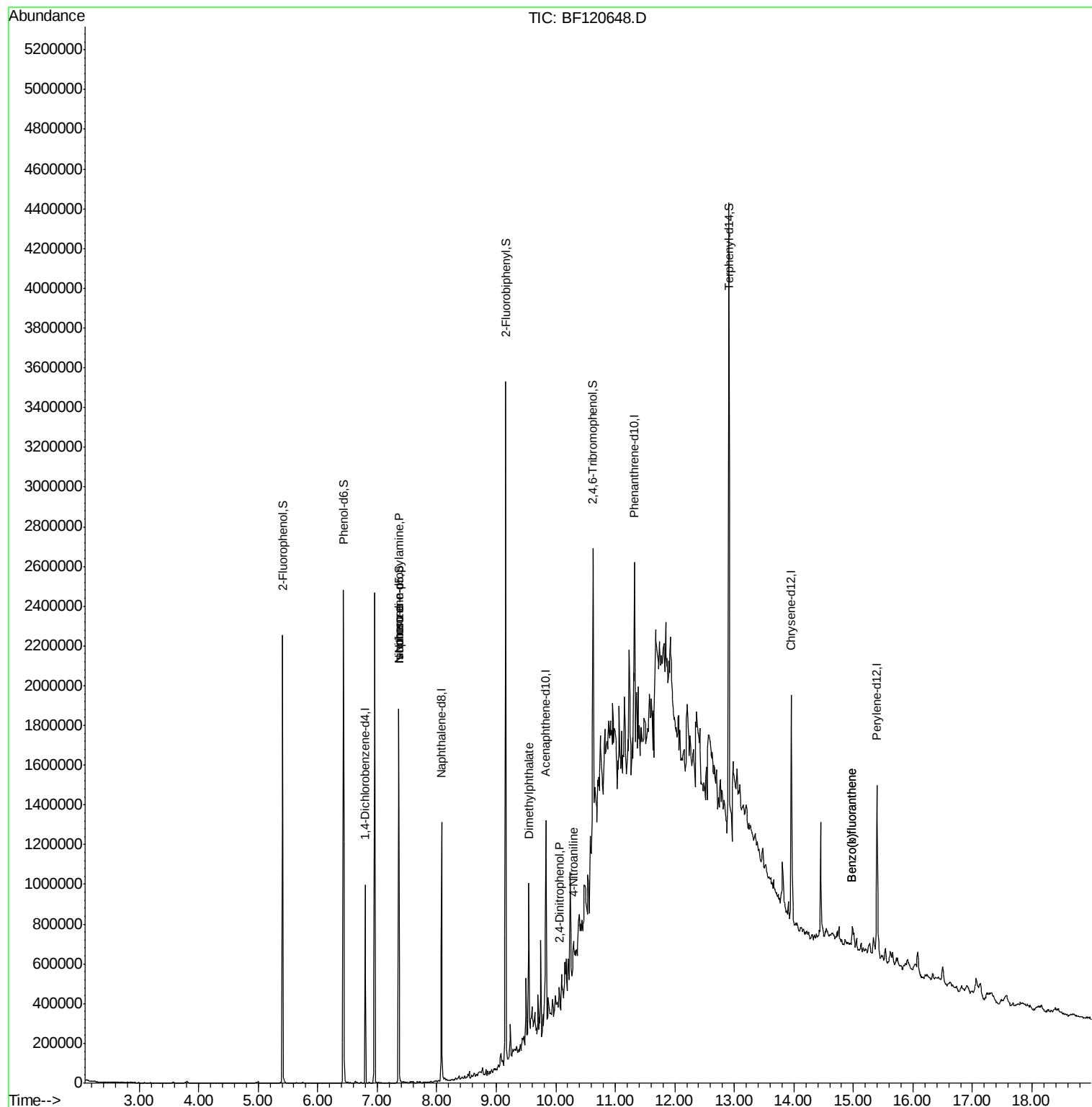
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	129455	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	553582	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	198903	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	367925	20.00	ng	0.00
76) Chrysene-d12	13.96	240	408239	20.00	ng	0.00
86) Perylene-d12	15.40	264	413114	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	602482	79.79	ng	0.00
7) Phenol-d6	6.43	99	870996	92.61	ng	0.00
23) Nitrobenzene-d5	7.36	82	564786	57.03	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	216148	93.47	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1078681	82.97	ng	0.00
79) Terphenyl-d14	12.91	244	1191298	64.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	73713	13.512	ng	# 77
25) Isophorone	7.36	82	564778	29.275	ng	# 62
50) Dimethylphthalate	9.55	163	102195	7.134	ng	# 94
54) 2,4-Dinitrophenol	10.05	184	149	3.138	ng	# 1
62) 4-Nitroaniline	10.30	138	8251	2.131	ng	# 81
88) Benzo(b)fluoranthene	14.98	252	52904	2.150	ng	# 66
89) Benzo(k)fluoranthene	14.98	252	52904	2.430	ng	# 65

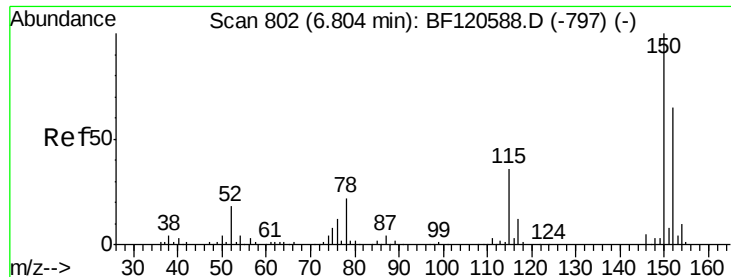
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF120648.D

Acq: 18 Jun 2020 18:08

Instrument :

BNA_F

ClientSampleId :

TP-1

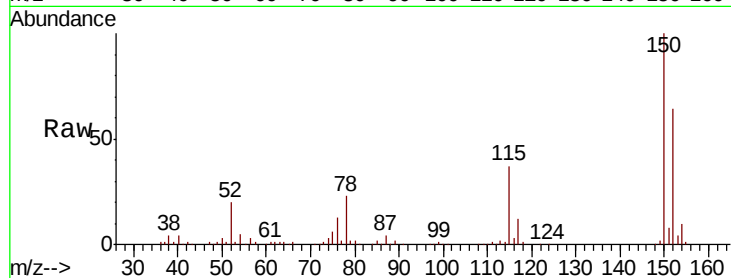
Tot Ion:152 Resp: 129455

Ion Ratio Lower Upper

152 100

150 157.0 123.2 184.8

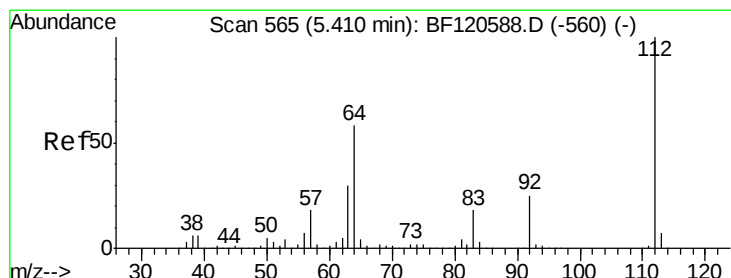
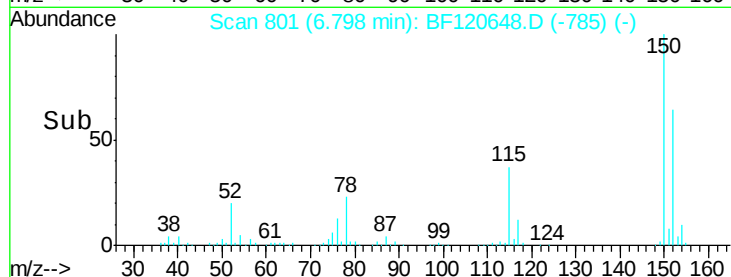
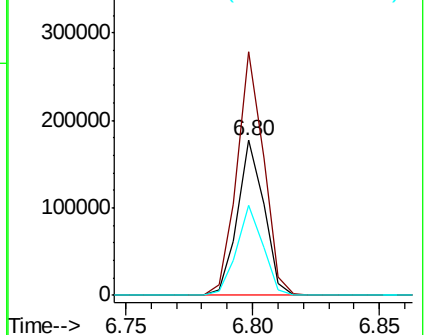
115 58.2 43.9 65.9



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: 79.790 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF120648.D

Acq: 18 Jun 2020 18:08

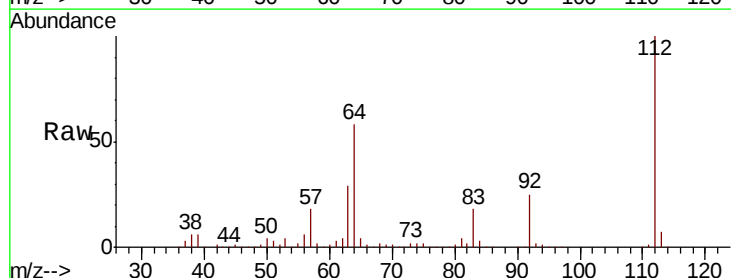
Tgt Ion:112 Resp: 602482

Ion Ratio Lower Upper

112 100

64 57.5 46.1 69.1

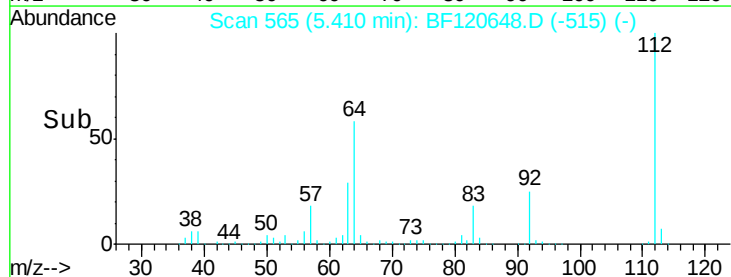
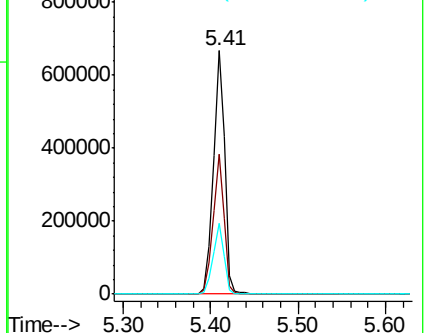
63 29.1 23.7 35.5

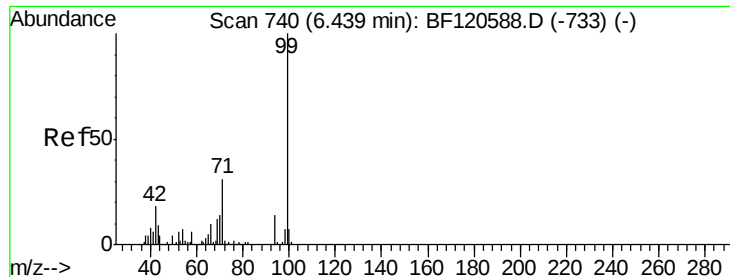


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 92.615 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120648.D

Acq: 18 Jun 2020 18:08

Instrument :

BNA_F

ClientSampled :

TP-1

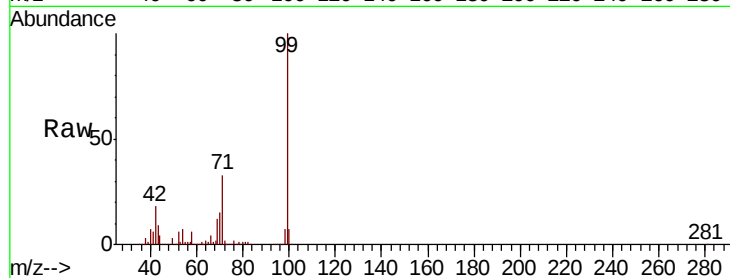
Tot Ion: 99 Resp: 870996

Ion Ratio Lower Upper

99 100

42 18.2 14.0 21.0

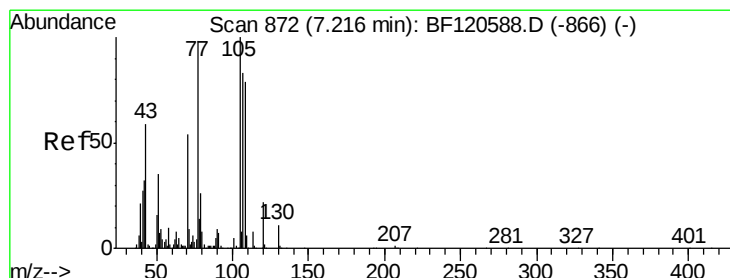
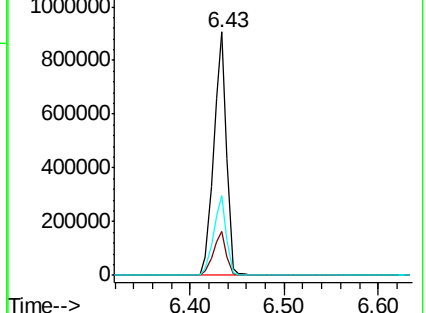
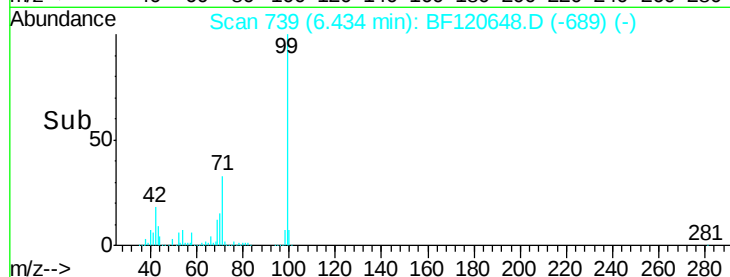
71 32.9 24.9 37.3



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: 13.512 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF120648.D

Acq: 18 Jun 2020 18:08

Tgt Ion: 70 Resp: 73713

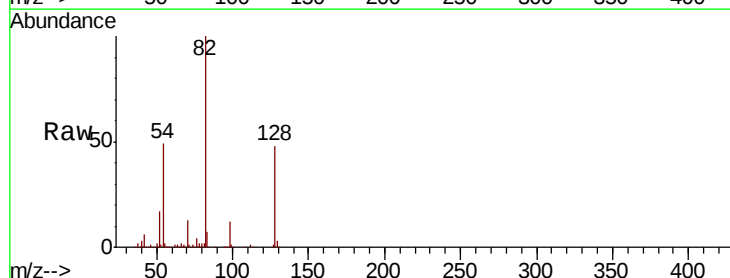
Ion Ratio Lower Upper

70 100

42 46.5 47.7 71.5#

101 0.0 7.6 11.4#

130 2.3 16.7 25.1#

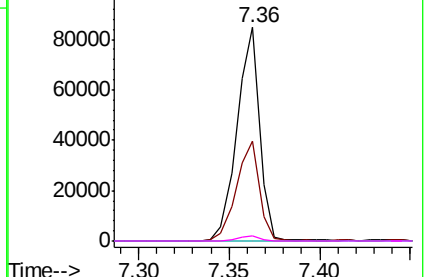
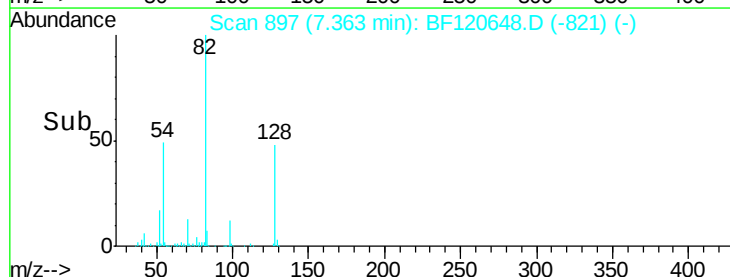


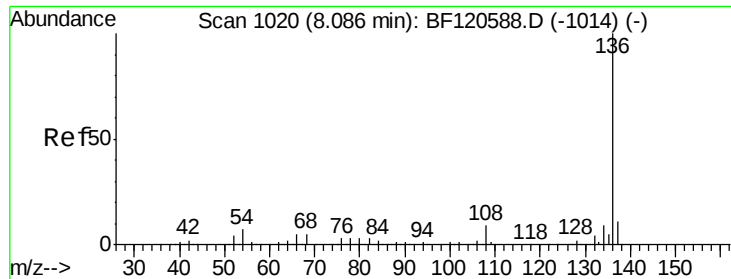
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

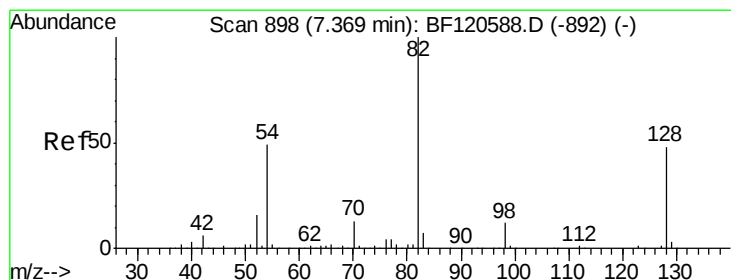
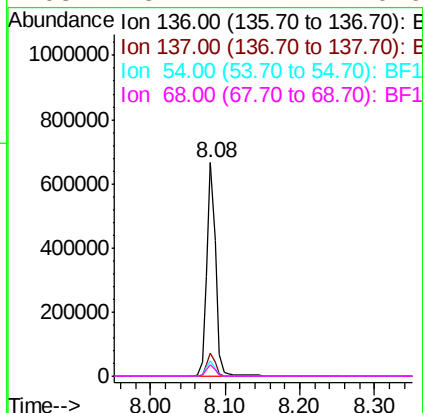
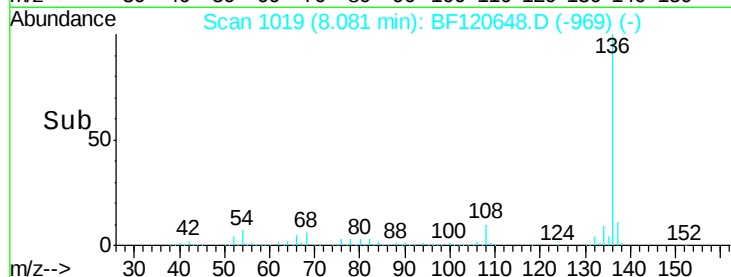
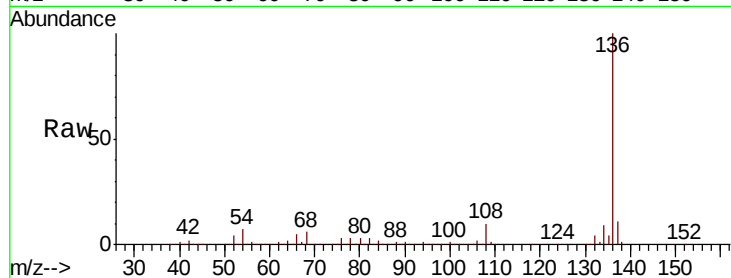




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120648.D
Acq: 18 Jun 2020 18:08

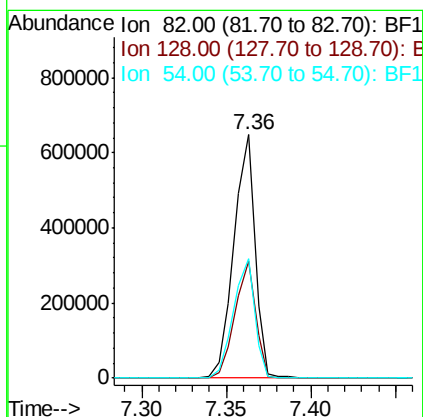
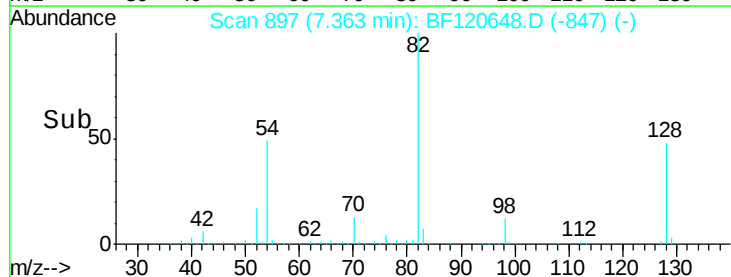
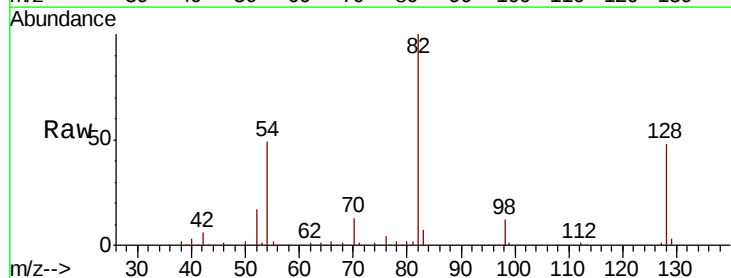
Instrument :
BNA_F
ClientSampleId :
TP-1

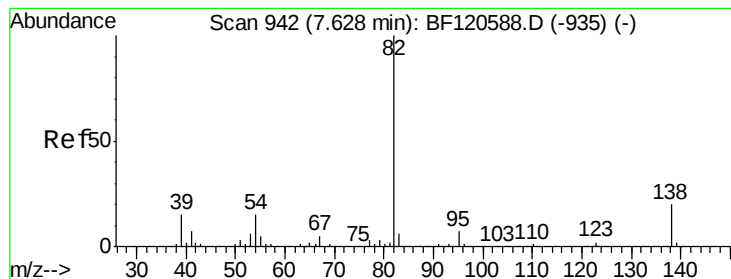
Tot Ion:136	Resp:	553582
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.6	13.0
54 7.5	5.8	8.6
68 5.7	4.4	6.6



#23
Nitrobenzene-d5
Concen: 57.028 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120648.D
Acq: 18 Jun 2020 18:08

Tgt	Ion: 82	Resp:	564786
Ion	Ratio	Lower	Upper
82	100		
128	48.0	38.0	57.0
54	49.2	38.8	58.2





#25

Isophorone

Concen: 29.275 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF120648.D

Acq: 18 Jun 2020 18:08

Instrument :

BNA_F

ClientSampled :

TP-1

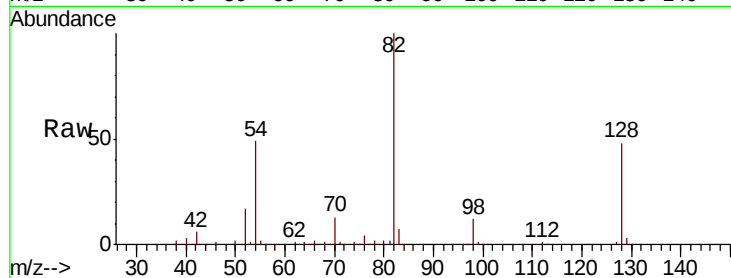
Tot Ion: 82 Resp: 564778

Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

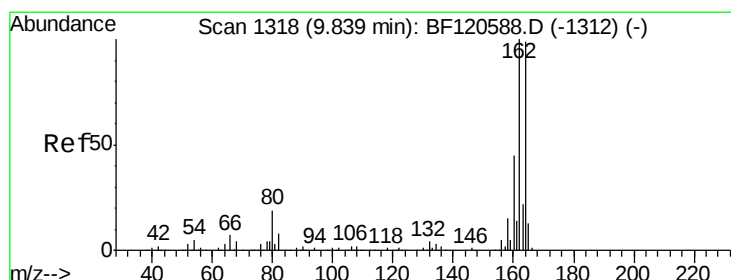
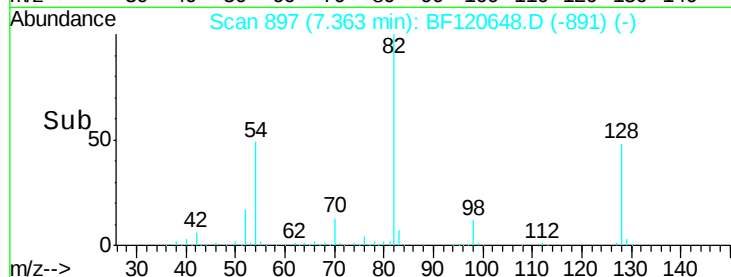
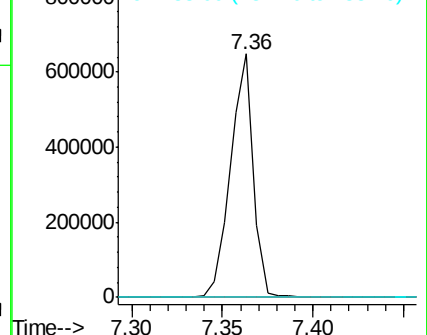
138 0.0 16.2 24.4#



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: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF120648.D

Acq: 18 Jun 2020 18:08

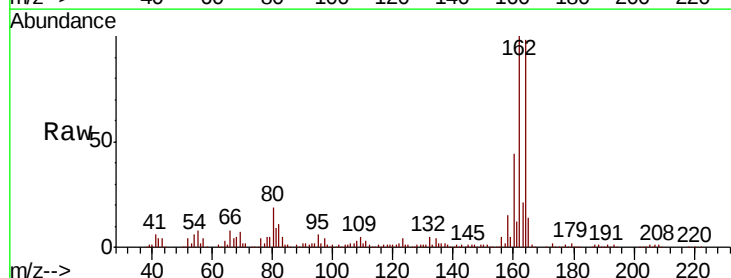
Tgt Ion: 164 Resp: 198903

Ion Ratio Lower Upper

164 100

162 101.6 80.6 120.8

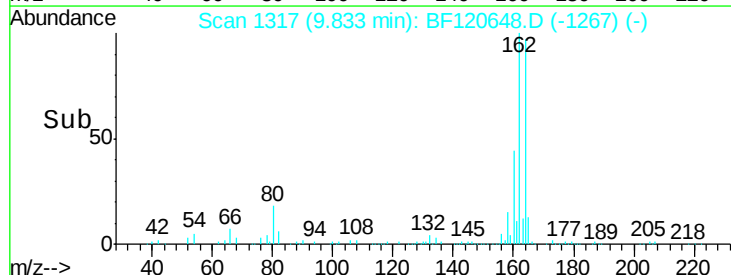
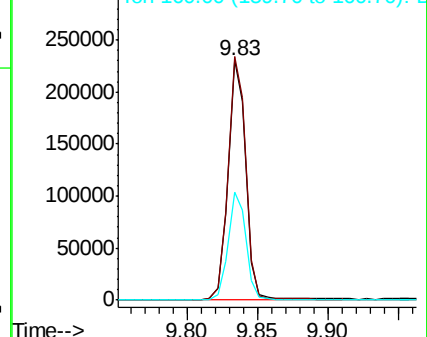
160 45.1 36.2 54.2

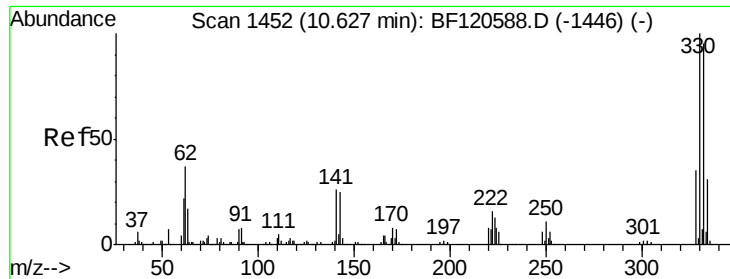


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

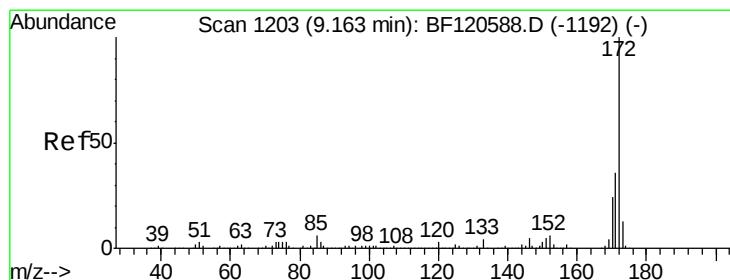
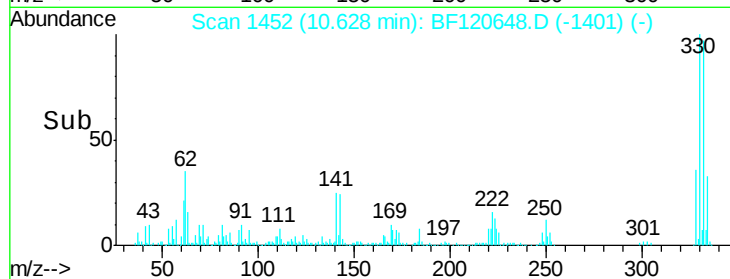
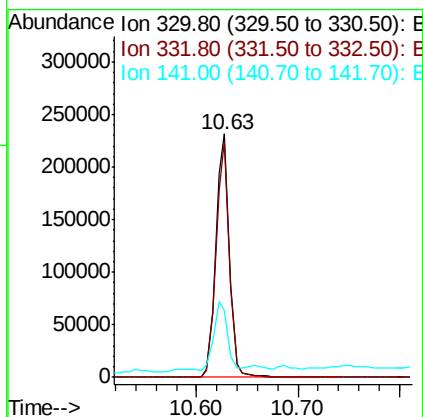
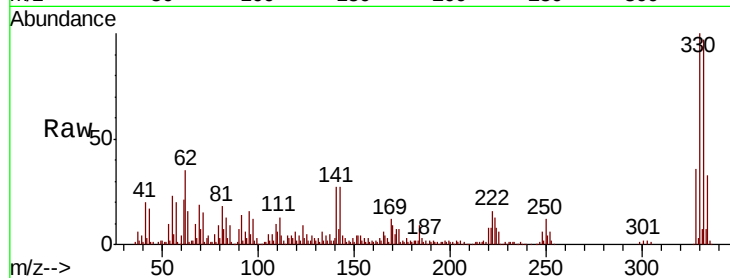




#42
 2,4,6-Tribromophenol
 Concen: 93.468 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120648.D
 Acq: 18 Jun 2020 18:08

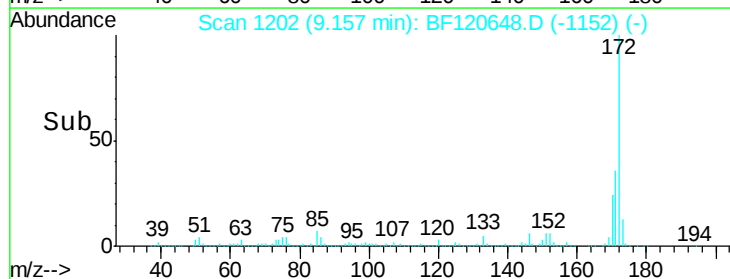
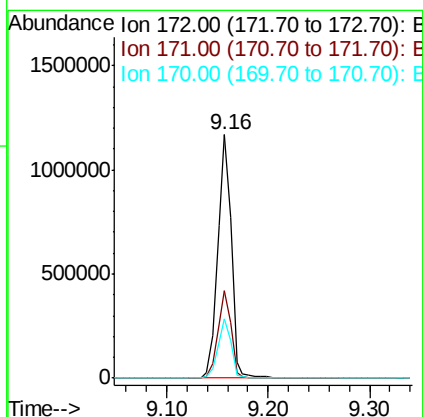
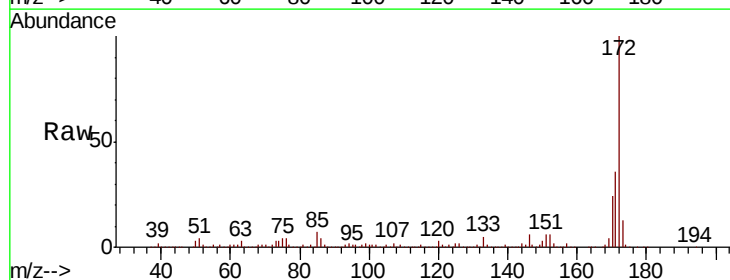
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

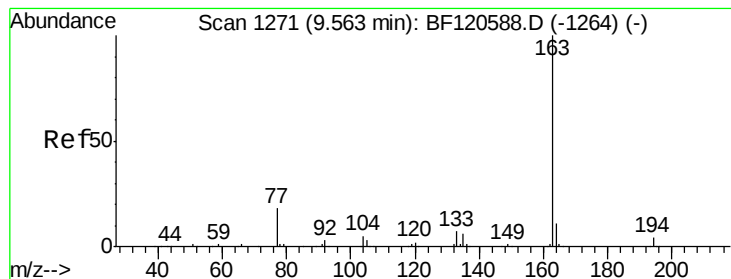
Tot Ion:330 Resp: 216148
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.8 115.2
 141 27.7 23.2 34.8



#45
 2-Fluorobiphenyl
 Concen: 82.973 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120648.D
 Acq: 18 Jun 2020 18:08

Tgt Ion:172 Resp: 1078681
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.4
 170 24.2 19.4 29.2





#50

Dimethylphthalate

Concen: 7.134 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF120648.D

Acq: 18 Jun 2020 18:08

Instrument :

BNA_F

ClientSampleId :

TP-1

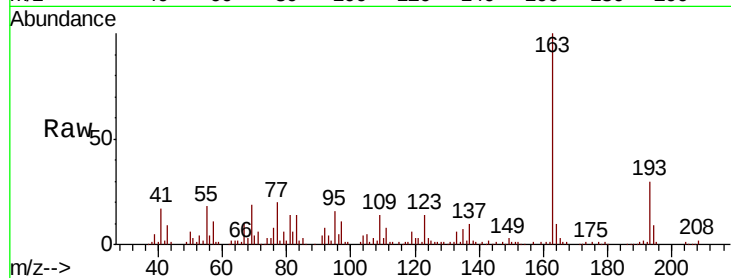
Tot Ion:163 Resp: 102195

Ion Ratio Lower Upper

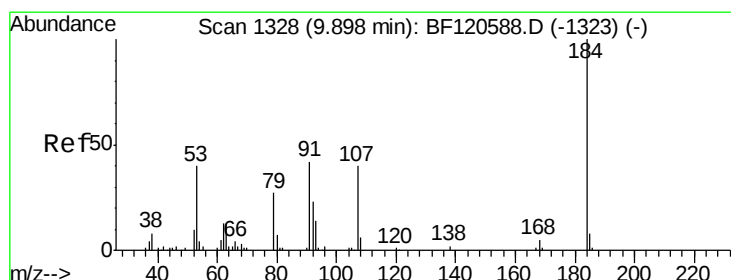
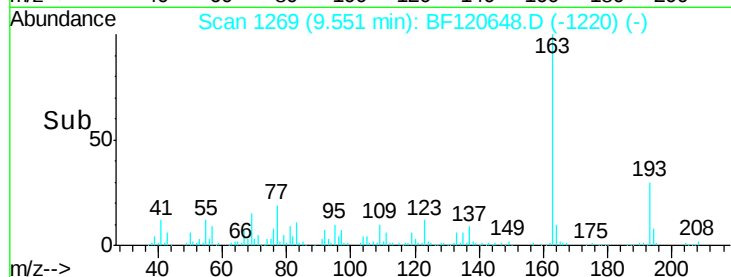
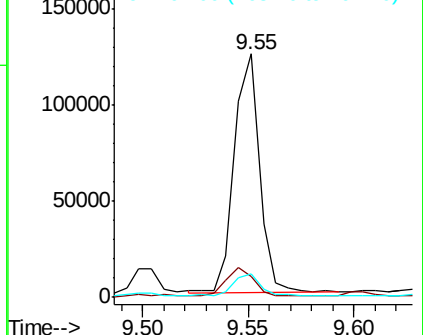
163 100

194 8.7 3.1 4.7#

164 9.8 8.5 12.7



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



#54

2,4-Dinitrophenol

Concen: 3.138 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.15 min

Lab File: BF120648.D

Acq: 18 Jun 2020 18:08

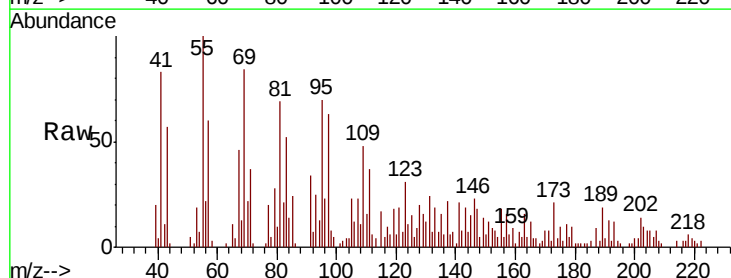
Tgt Ion:184 Resp: 149

Ion Ratio Lower Upper

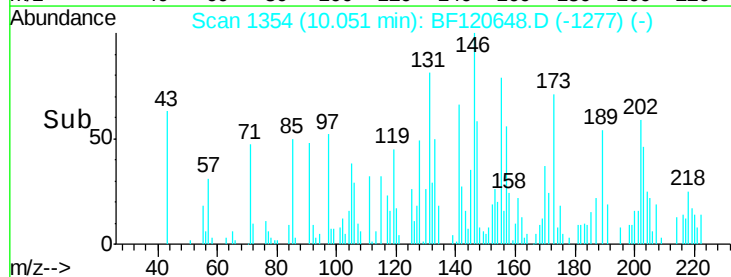
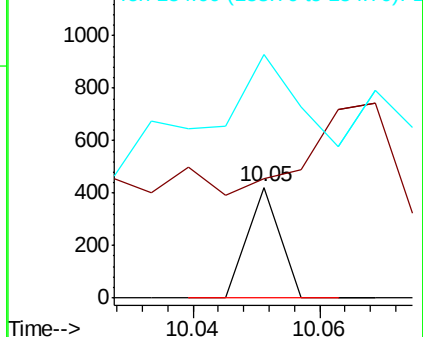
184 100

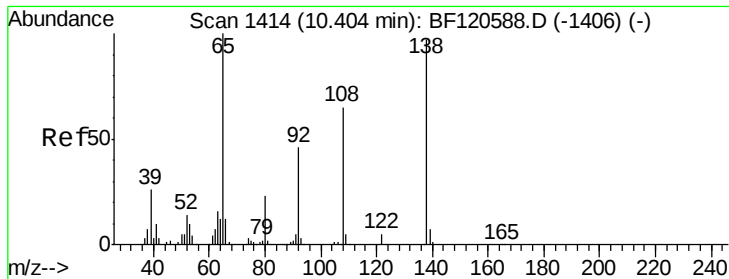
63 108.1 44.2 66.2#

154 219.9 45.9 68.9#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#62

4-Nitroaniline

Concen: 2.131 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.11 min

Lab File: BF120648.D

Acq: 18 Jun 2020 18:08

Instrument :

BNA_F

ClientSampled :

TP-1

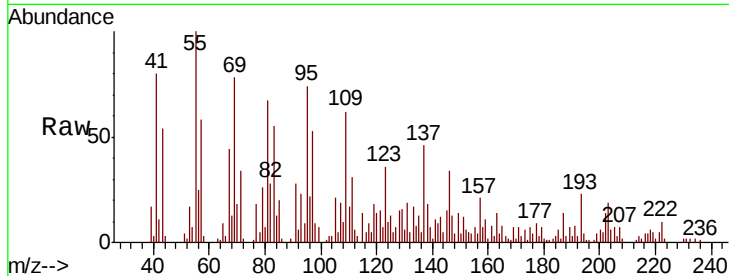
Tot Ion:138 Resp: 8251

Ion Ratio Lower Upper

138 100

92 31.2 27.3 67.3

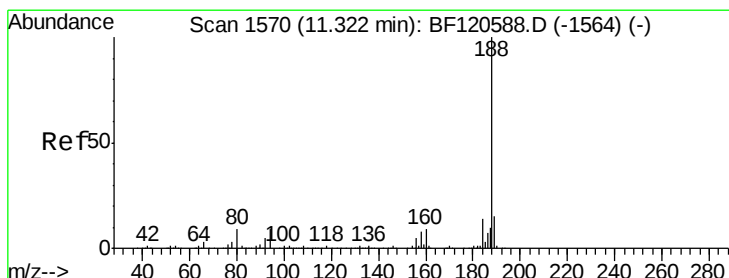
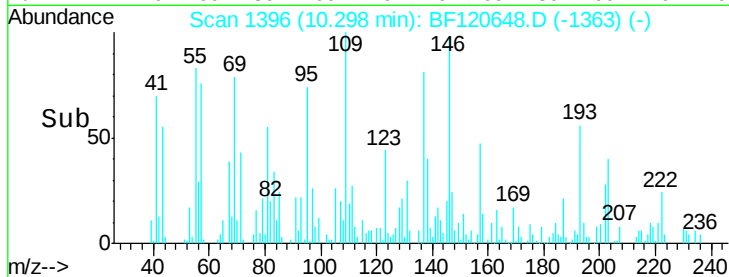
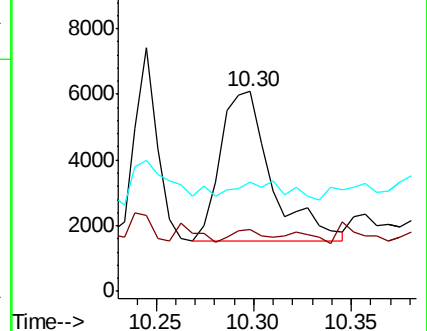
108 54.6 47.4 87.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF120648.D

Acq: 18 Jun 2020 18:08

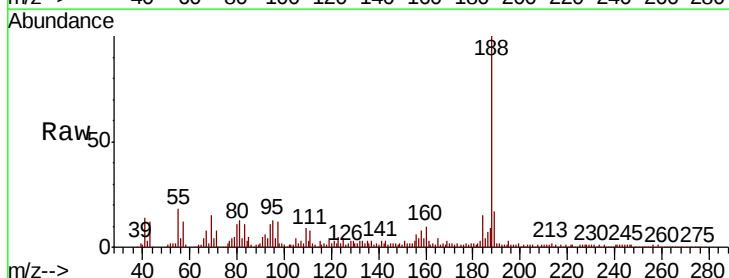
Tgt Ion:188 Resp: 367925

Ion Ratio Lower Upper

188 100

94 10.6 7.2 10.8

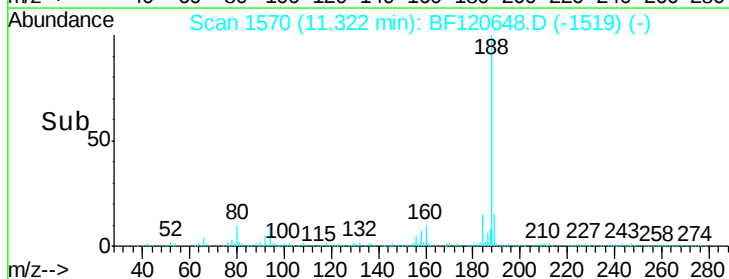
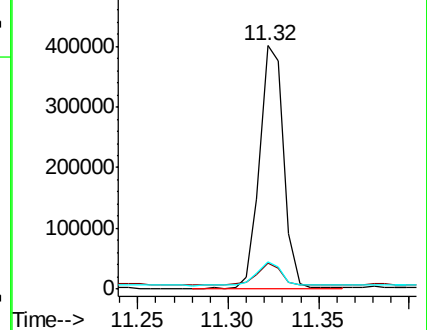
80 11.1 7.4 11.2

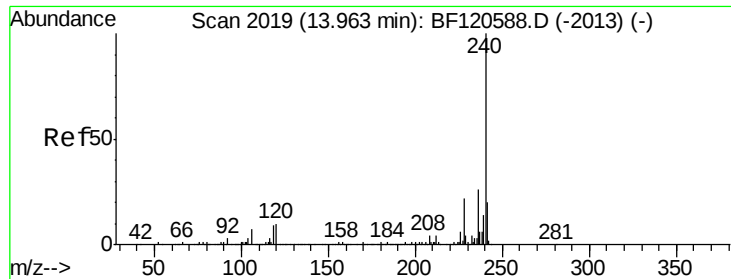


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF120648.D

Acq: 18 Jun 2020 18:08

Instrument :

BNA_F

ClientSampleId :

TP-1

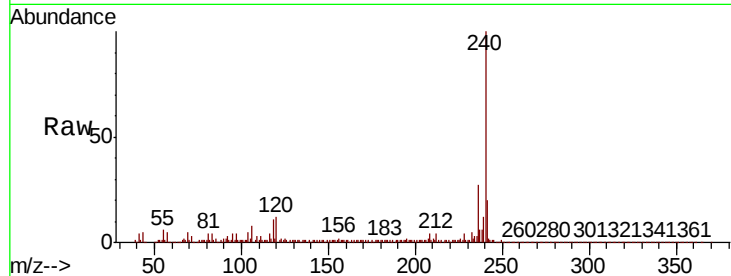
Tot Ion:240 Resp: 408239

Ion Ratio Lower Upper

240 100

120 12.5 8.3 12.5#

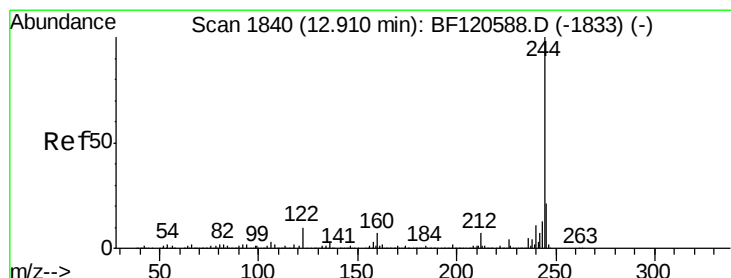
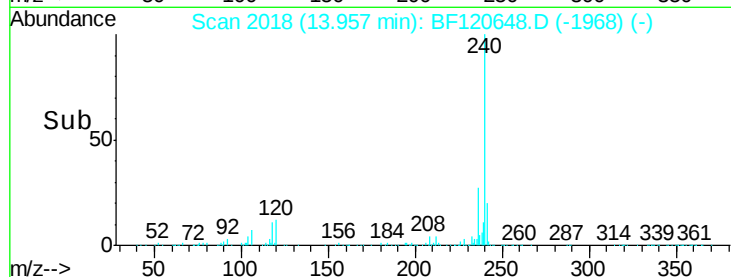
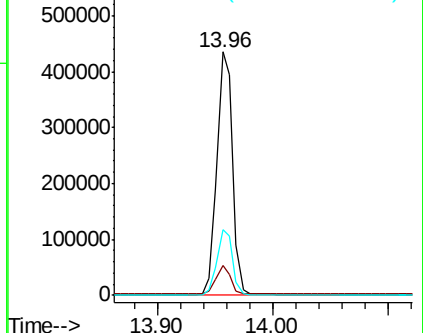
236 26.8 21.0 31.4



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: 64.458 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120648.D

Acq: 18 Jun 2020 18:08

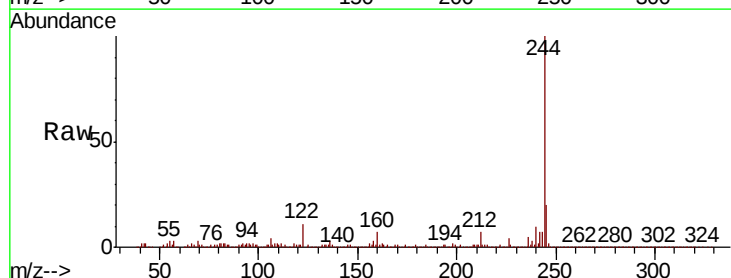
Tgt Ion:244 Resp: 1191298

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

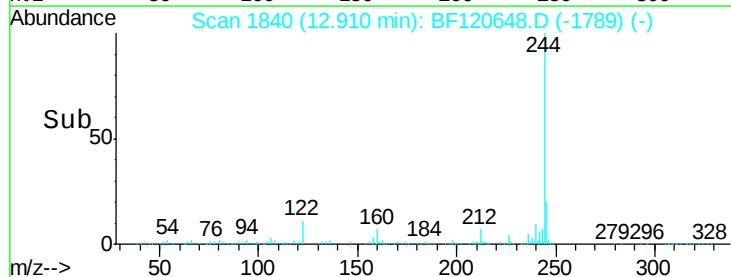
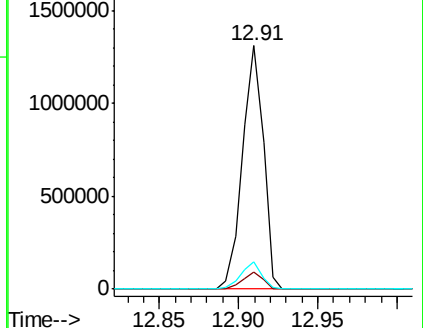
122 11.2 8.3 12.5

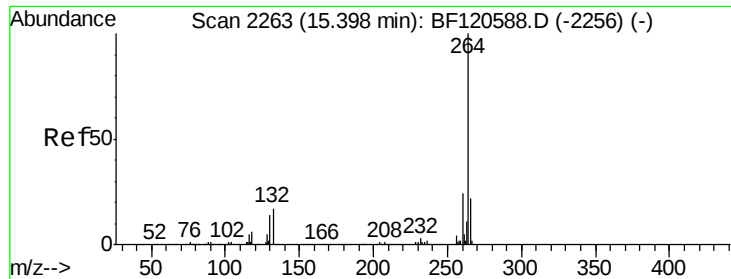


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

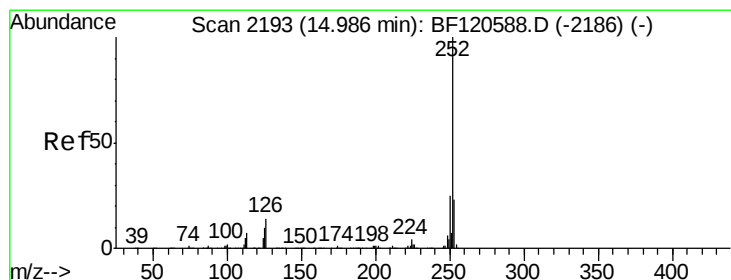
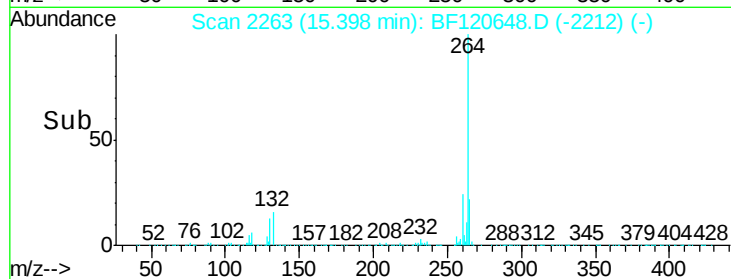
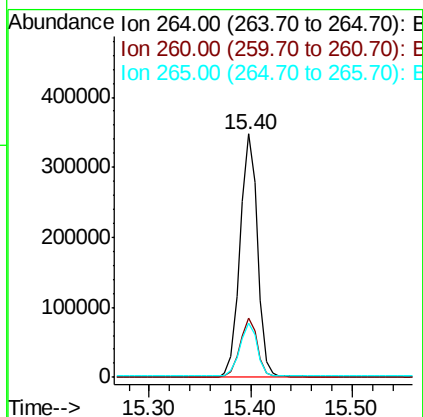
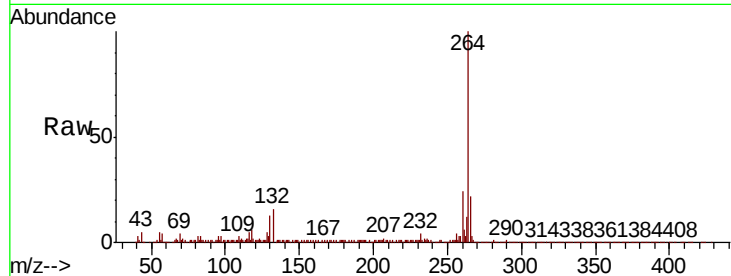




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF120648.D
Acq: 18 Jun 2020 18:08

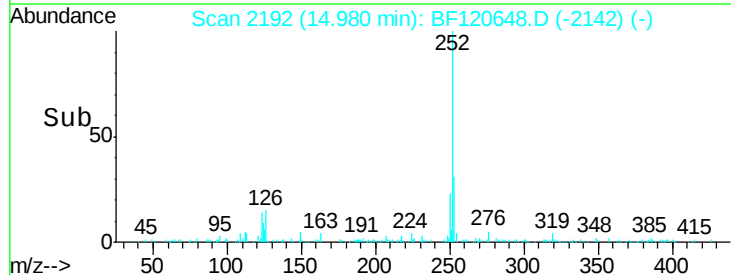
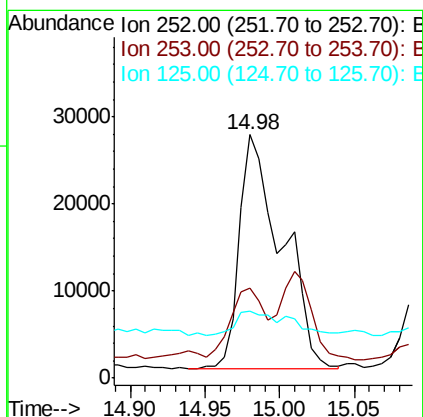
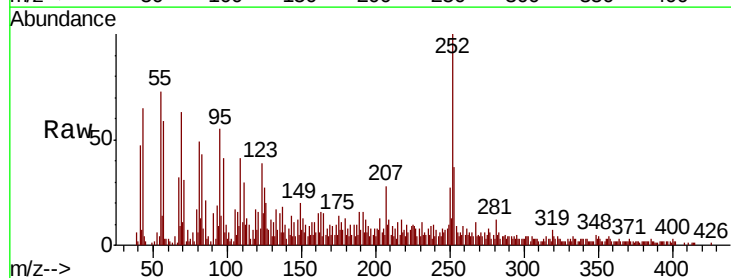
Instrument :
BNA_F
ClientSampleId :
TP-1

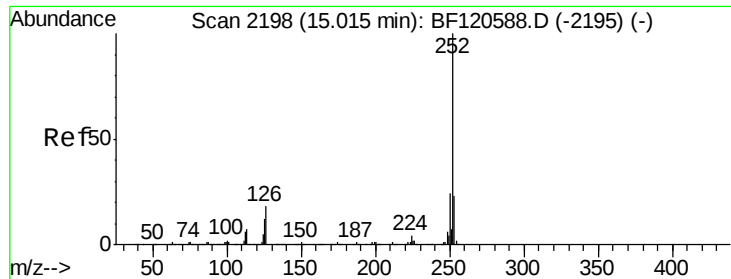
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	22.0	17.8	26.8



#88
Benzo(b)fluoranthene
Concen: 2.150 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF120648.D
Acq: 18 Jun 2020 18:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.8	18.1	27.1#
125	27.3	8.3	12.5#





#89

Benzo(k)fluoranthene

Concen: 2.430 ng

RT: 14.98 min Scan# 2192

Delta R.T. -0.04 min

Lab File: BF120648.D

Acq: 18 Jun 2020 18:08

Instrument :

BNA_F

ClientSampleId :

TP-1

Tot Ion:252 Resp: 52904

Ion Ratio Lower Upper

252 100

253 36.8 18.0 27.0#

125 27.3 8.3 12.5#

