

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
 Data File : BF120690.D
 Acq On : 22 Jun 2020 22:05
 Operator : JU/CG
 Sample : L3082-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20

Quant Time: Jun 23 01:37:55 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

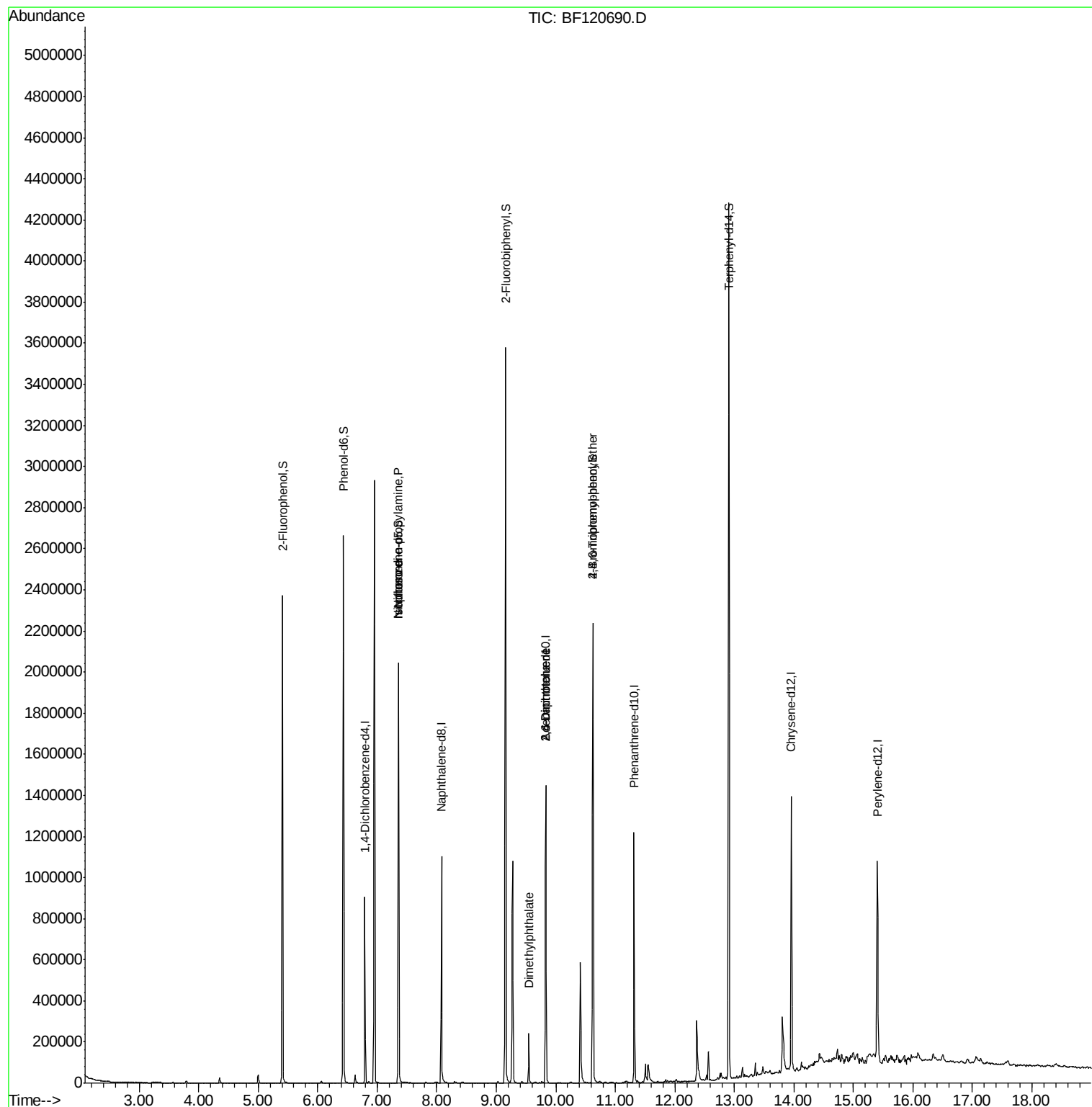
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140995	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	544853	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	279597	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	487121	20.00	ng	0.00
76) Chrysene-d12	13.96	240	479569	20.00	ng	0.00
86) Perylene-d12	15.40	264	463154	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	732197	89.03	ng	0.00
7) Phenol-d6	6.43	99	959009	93.63	ng	0.00
23) Nitrobenzene-d5	7.36	82	703946	72.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	318005	97.83	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1163777	63.68	ng	0.00
79) Terphenyl-d14	12.91	244	1591064	73.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	92193	15.517	ng	# 78
25) Isophorone	7.36	82	699035	36.815	ng	# 62
50) Dimethylphthalate	9.55	163	96076	4.771	ng	# 99
51) 2,6-Dinitrotoluene	9.83	165	35373	7.751	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	35373	5.841	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	18255	3.302	ng	# 1

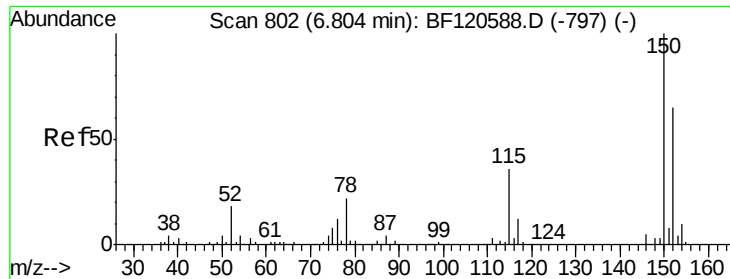
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Jun 23 01:37:55 2020
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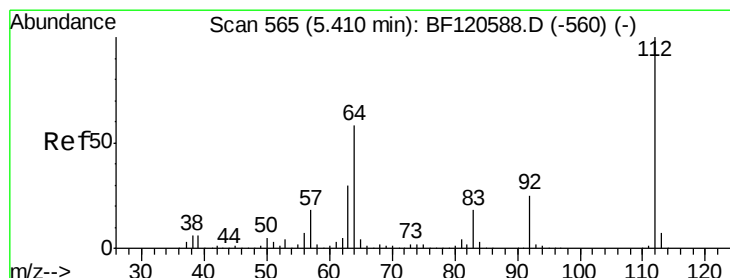
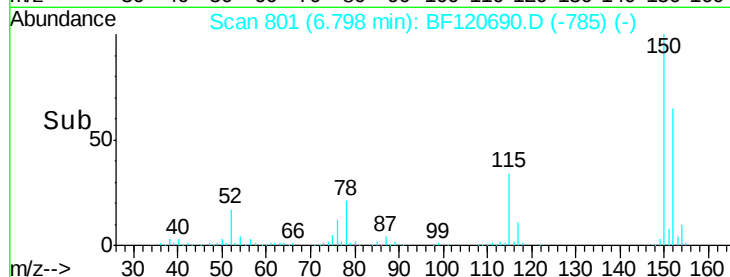
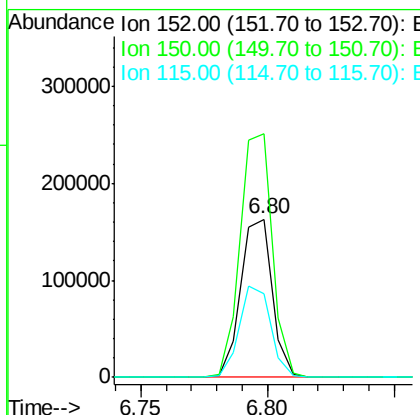
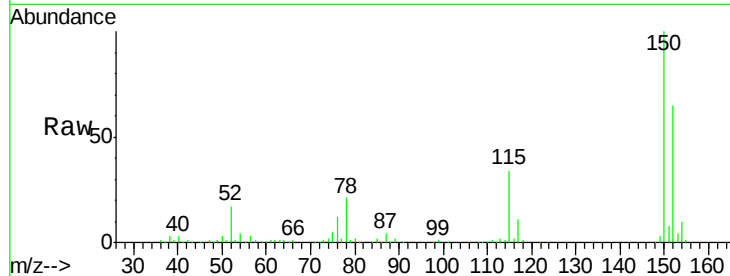




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF120690.D
 Acq: 22 Jun 2020 22:05

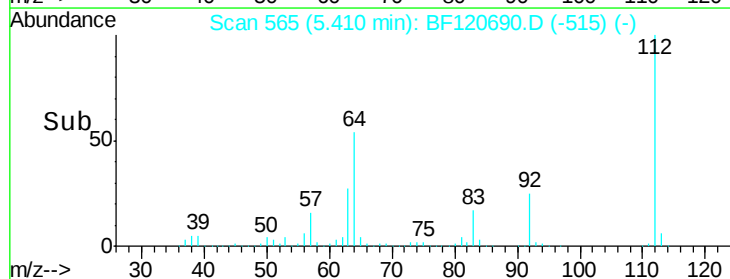
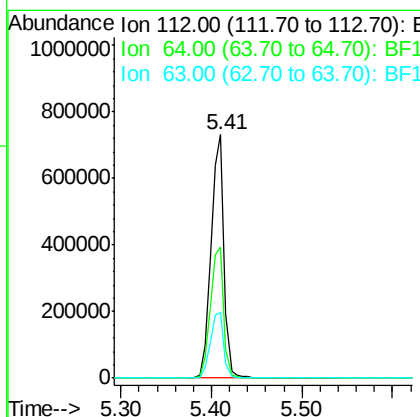
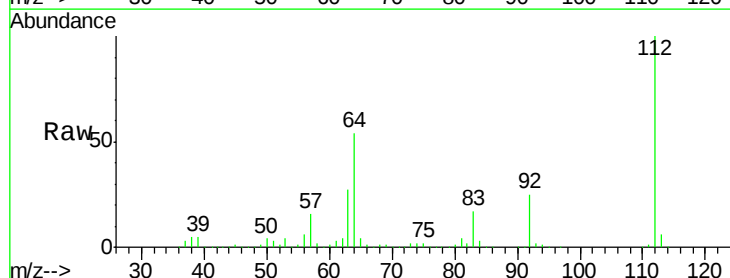
Instrument :
 BNA_F
 ClientSampleId :
 SB-20

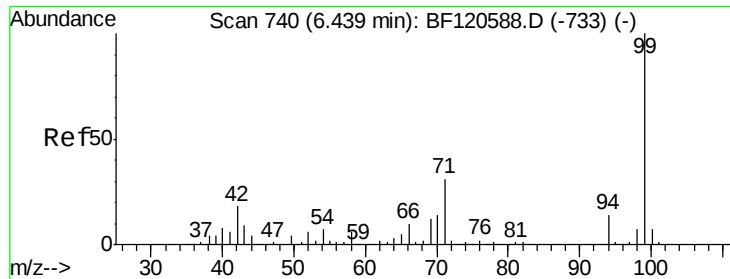
Tot Ion:152 Resp: 140995
 Ion Ratio Lower Upper
 152 100
 150 154.2 123.2 184.8
 115 53.1 43.9 65.9



#5
 2-Fluorophenol
 Concen: 89.033 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF120690.D
 Acq: 22 Jun 2020 22:05

Tgt Ion:112 Resp: 732197
 Ion Ratio Lower Upper
 112 100
 64 53.7 46.1 69.1
 63 27.1 23.7 35.5





#7

Phenol-d6

Concen: 93.627 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120690.D

Acq: 22 Jun 2020 22:05

Instrument :

BNA_F

ClientSampleId :

SB-20

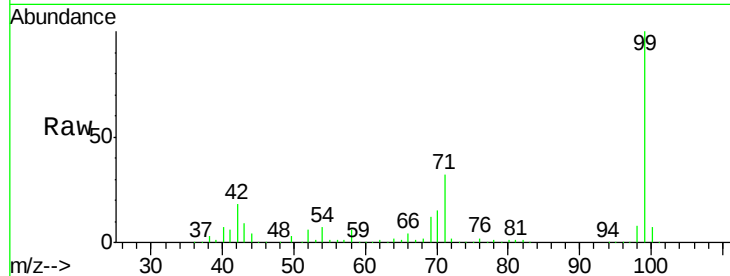
Tot Ion: 99 Resp: 959009

Ion Ratio Lower Upper

99 100

42 17.5 14.0 21.0

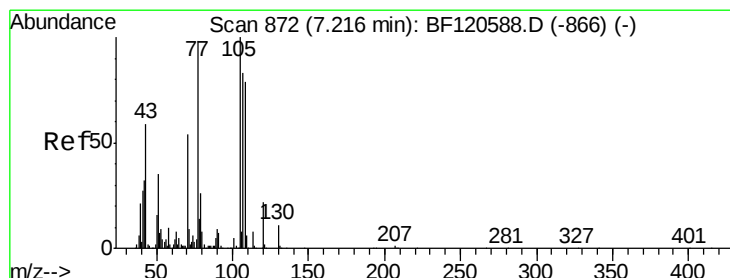
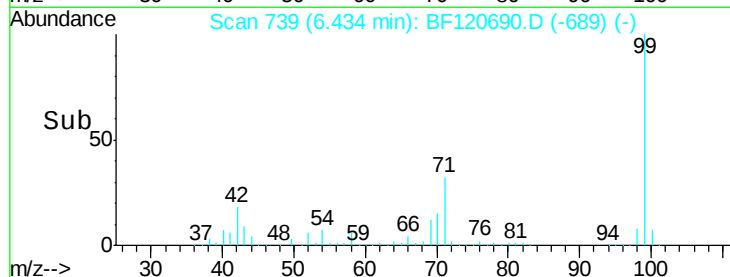
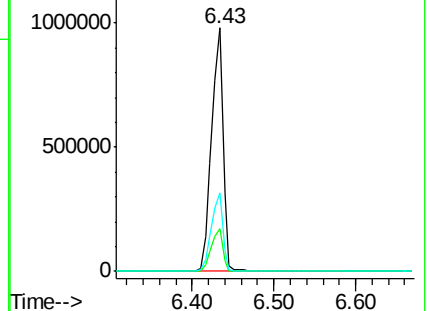
71 32.4 24.9 37.3



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: 15.517 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120690.D

Acq: 22 Jun 2020 22:05

Tgt Ion: 70 Resp: 92193

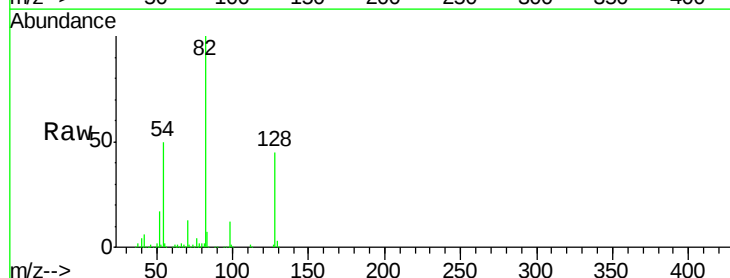
Ion Ratio Lower Upper

70 100

42 48.1 47.7 71.5

101 0.0 7.6 11.4#

130 2.4 16.7 25.1#

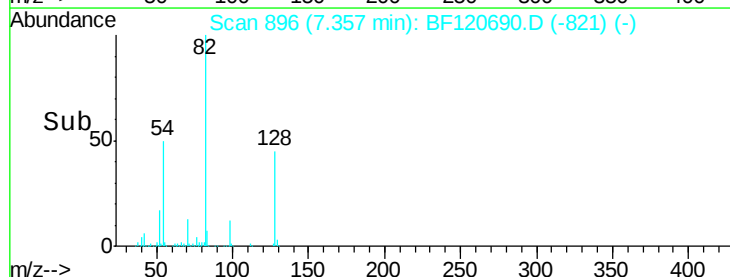
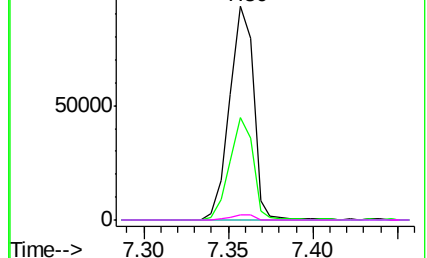


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

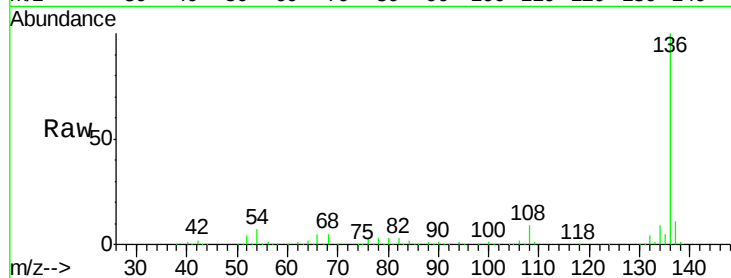




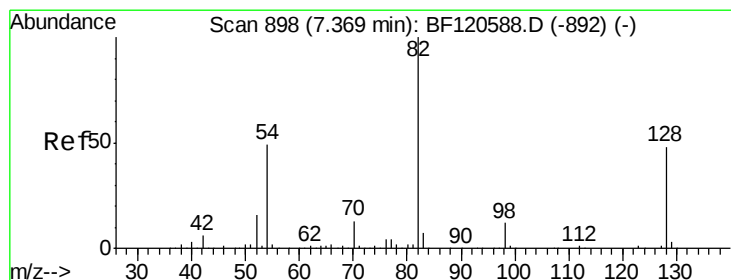
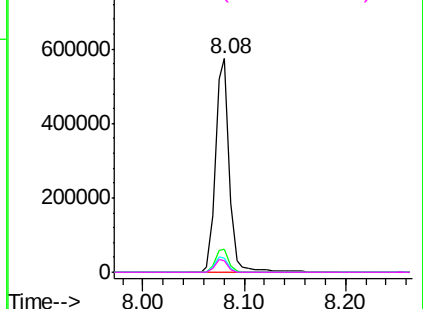
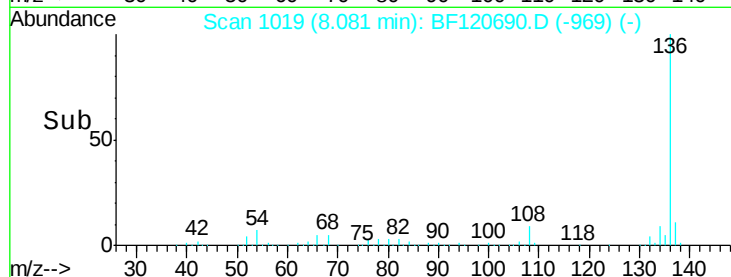
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120690.D
Acq: 22 Jun 2020 22:05

Instrument :
BNA_F
ClientSampled :
SB-20

Tot Ion:136 Resp: 544853
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.8 5.8 8.6
68 5.4 4.4 6.6

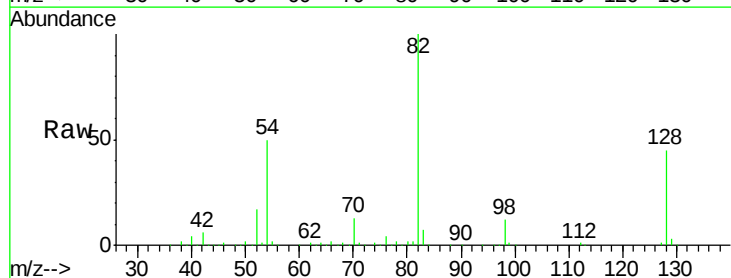


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

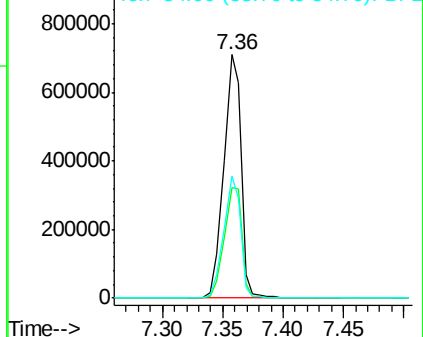
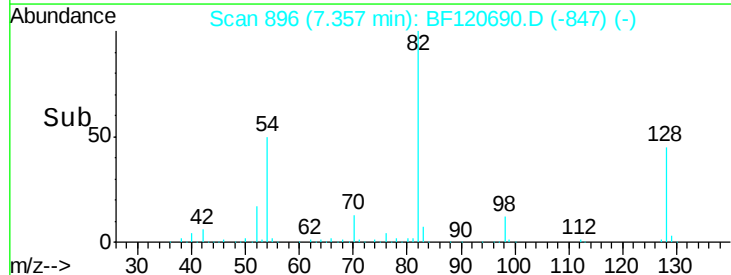


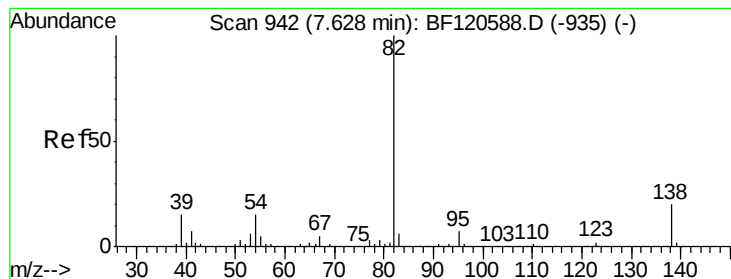
#23
Nitrobenzene-d5
Concen: 72.218 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120690.D
Acq: 22 Jun 2020 22:05

Tgt Ion: 82 Resp: 703946
Ion Ratio Lower Upper
82 100
128 45.2 38.0 57.0
54 49.9 38.8 58.2



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: 36.815 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF120690.D

Acq: 22 Jun 2020 22:05

Instrument :

BNA_F

ClientSampled :

SB-20

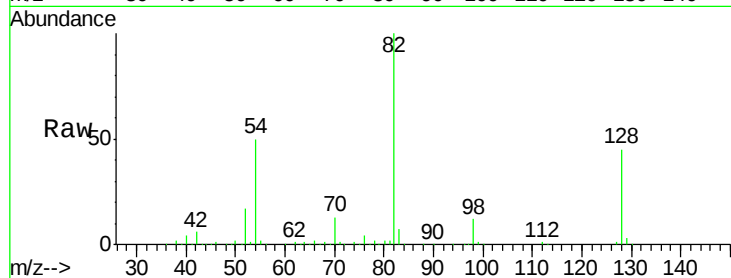
Tot Ion: 82 Resp: 699035

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

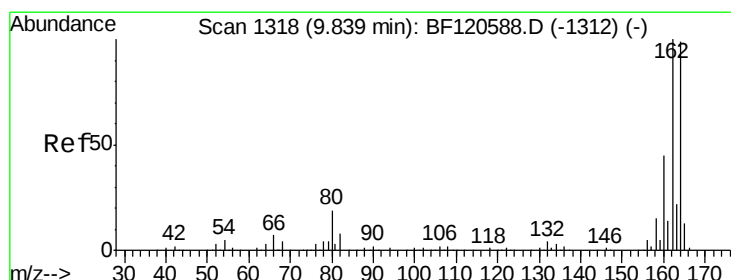
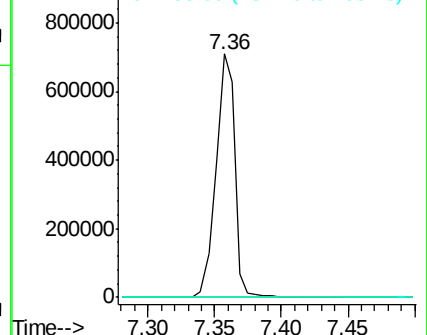
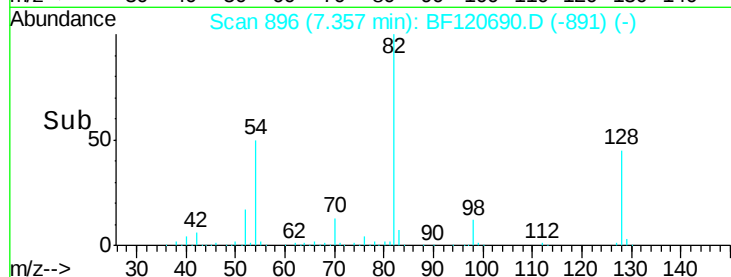
138 0.0 16.2 24.4#



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: BF120690.D

Acq: 22 Jun 2020 22:05

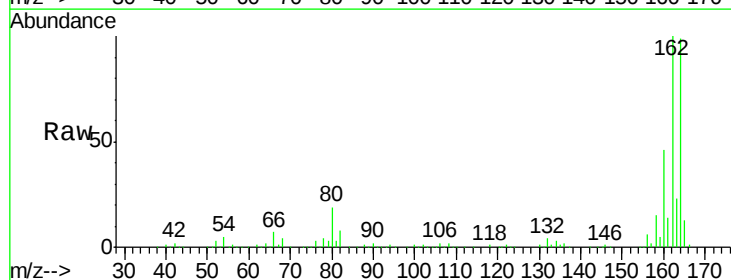
Tgt Ion: 164 Resp: 279597

Ion Ratio Lower Upper

164 100

162 101.4 80.6 120.8

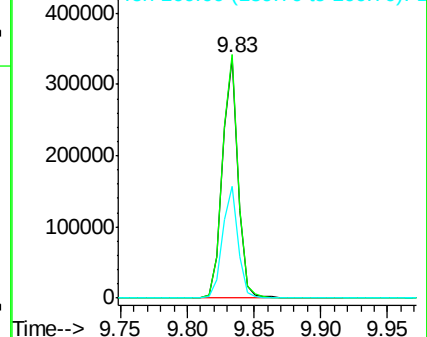
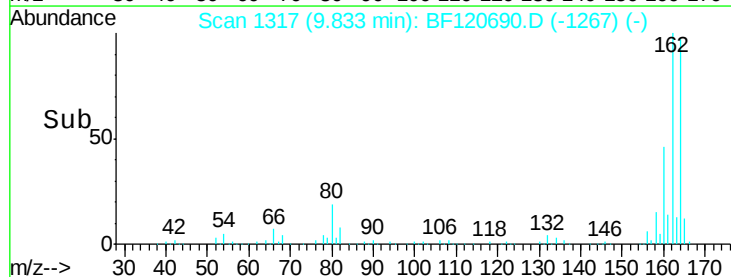
160 46.4 36.2 54.2

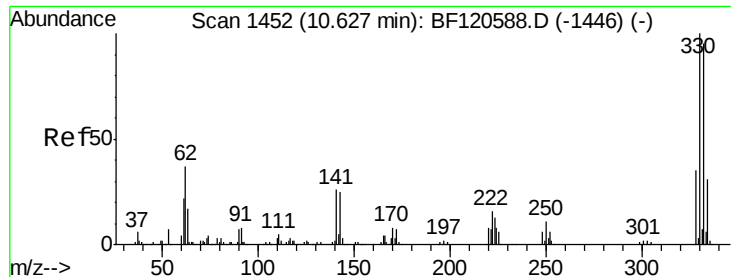


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 97.826 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF120690.D

Acq: 22 Jun 2020 22:05

Instrument :

BNA_F

ClientSampleId :

SB-20

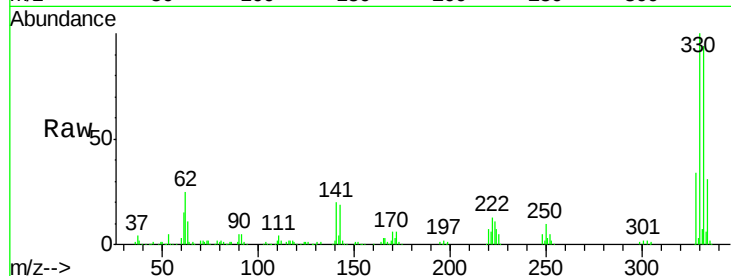
Tot Ion:330 Resp: 318005

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

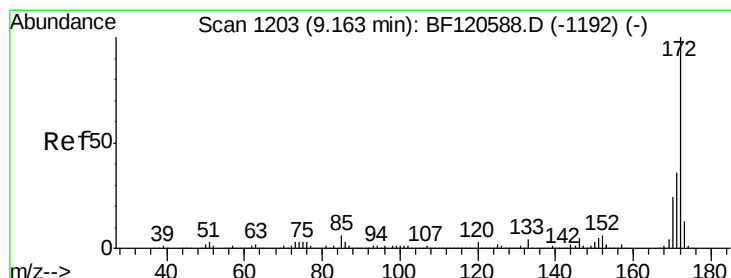
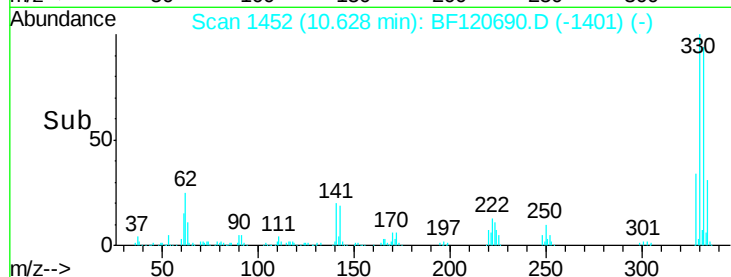
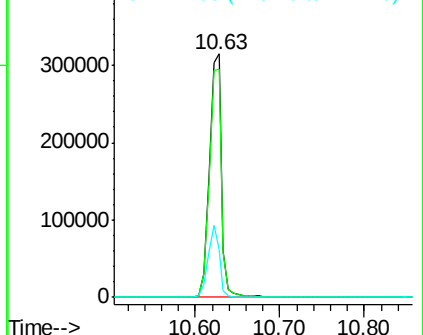
141 27.7 23.2 34.8



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: 63.683 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF120690.D

Acq: 22 Jun 2020 22:05

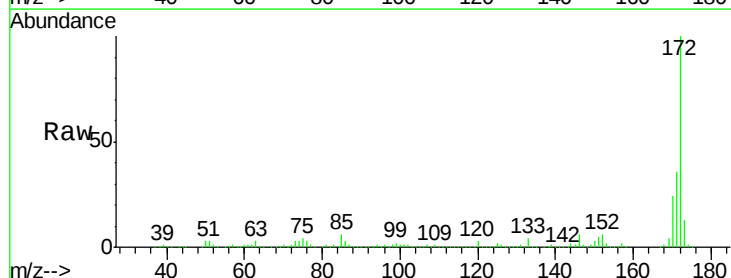
Tgt Ion:172 Resp: 1163777

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.4

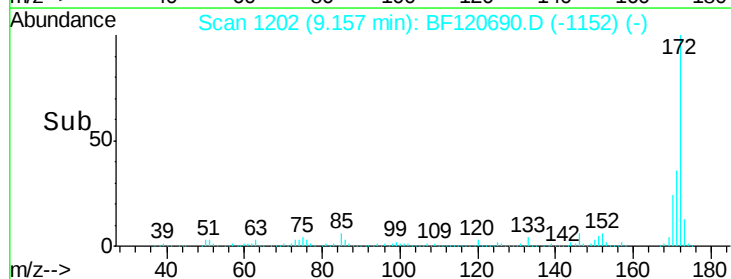
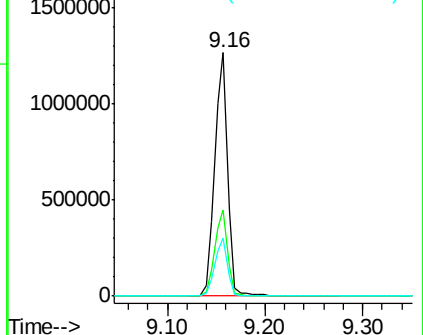
170 23.9 19.4 29.2

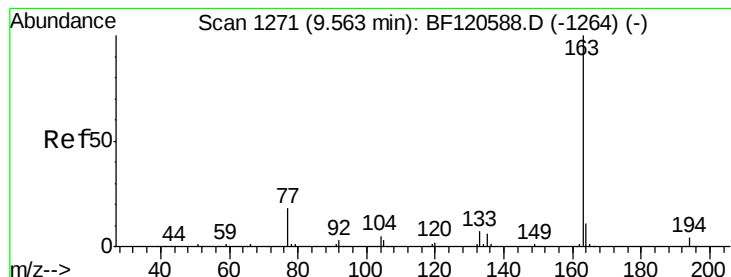


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.771 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120690.D

Acq: 22 Jun 2020 22:05

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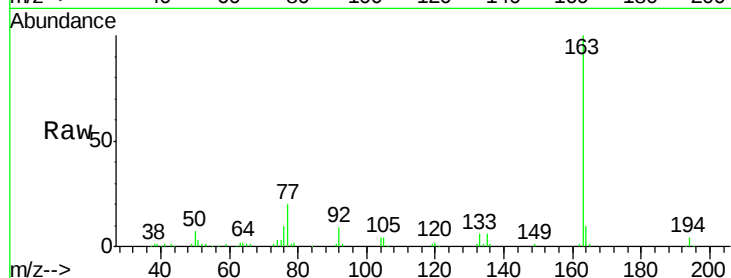
Tot Ion:163 Resp: 96076

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

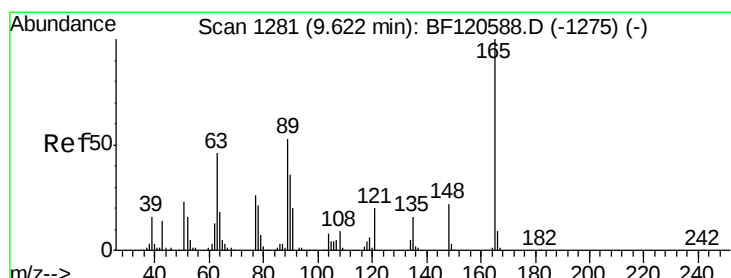
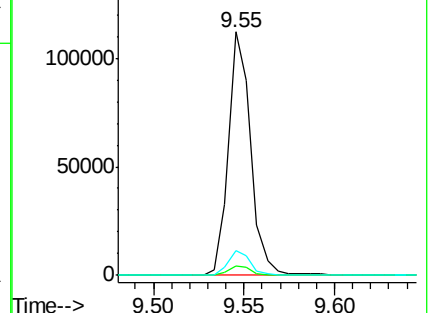
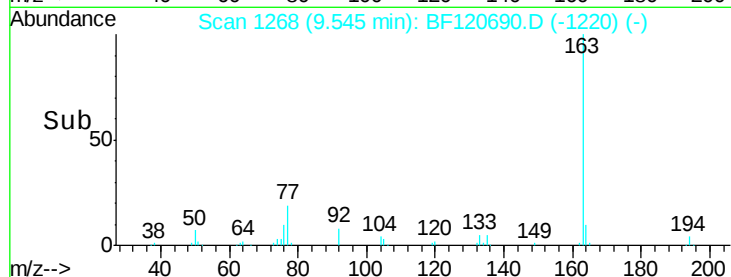
164 10.1 8.5 12.7



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



#51

2,6-Dinitrotoluene

Concen: 7.751 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF120690.D

Acq: 22 Jun 2020 22:05

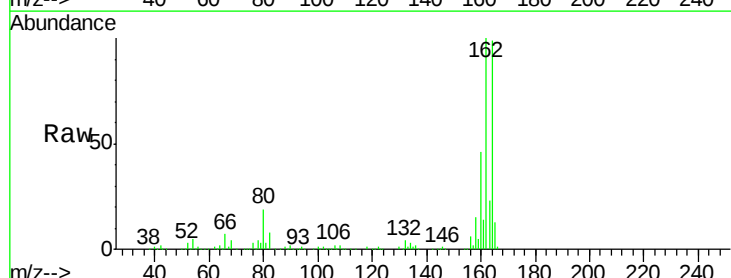
Tgt Ion:165 Resp: 35373

Ion Ratio Lower Upper

165 100

63 1.0 41.7 62.5#

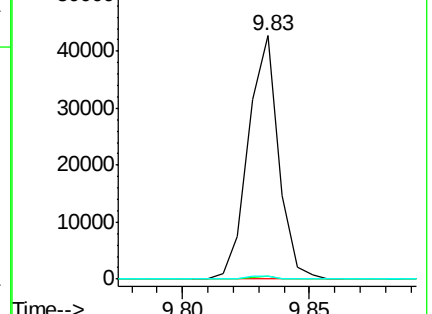
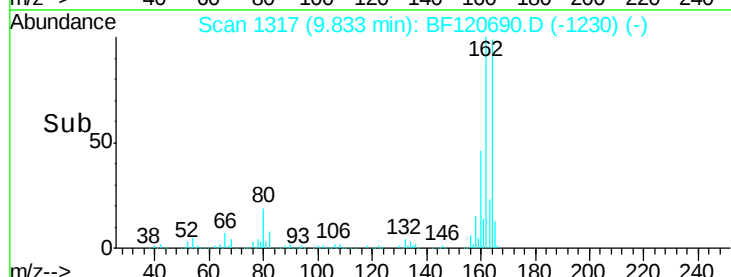
89 1.3 42.6 64.0#

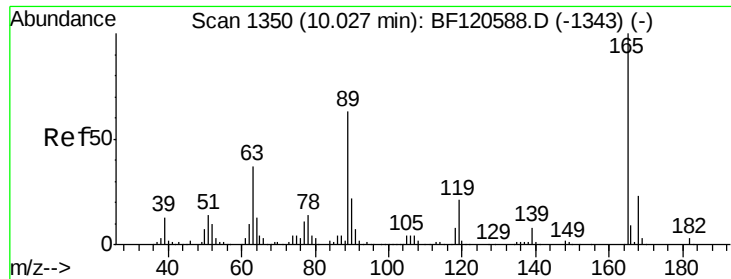


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

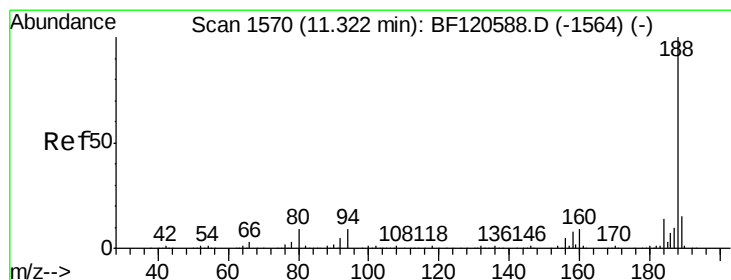
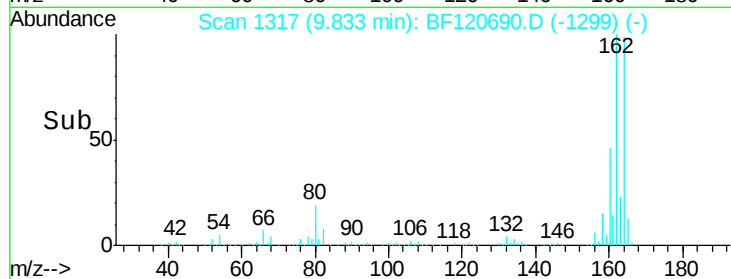
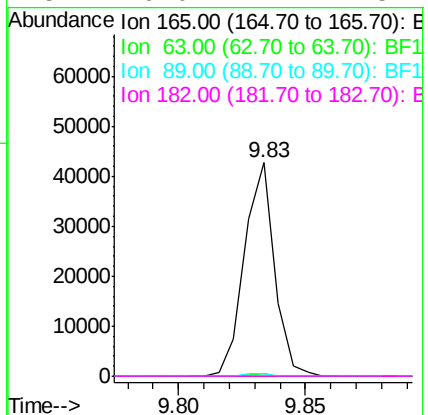
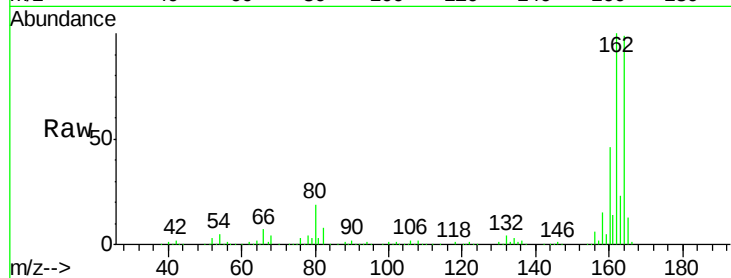




#57
 2,4-Dinitrotoluene
 Concen: 5.841 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BF120690.D
 Acq: 22 Jun 2020 22:05

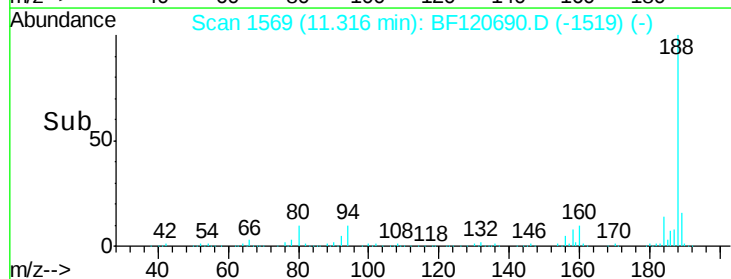
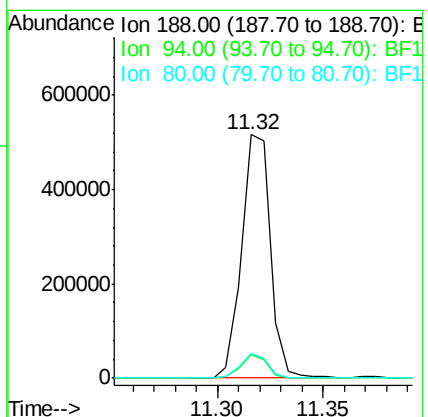
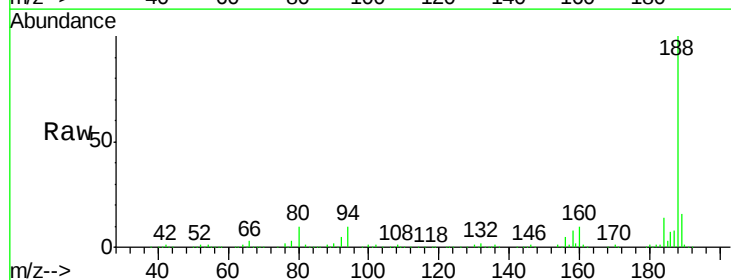
Instrument :
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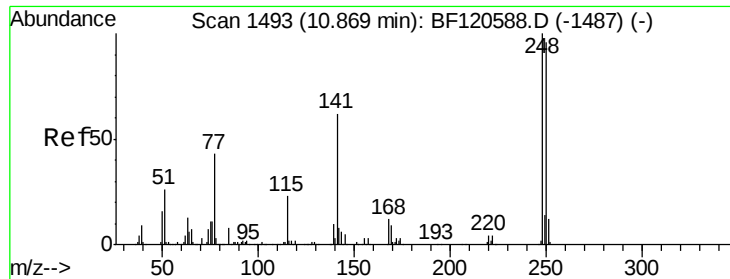
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.8#
89	1.3	50.4	75.6#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF120690.D
 Acq: 22 Jun 2020 22:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.2	10.8
80	10.1	7.4	11.2

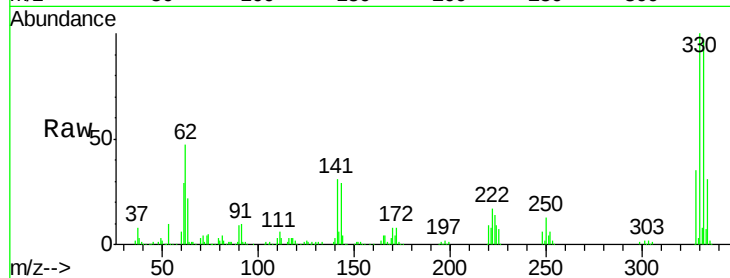




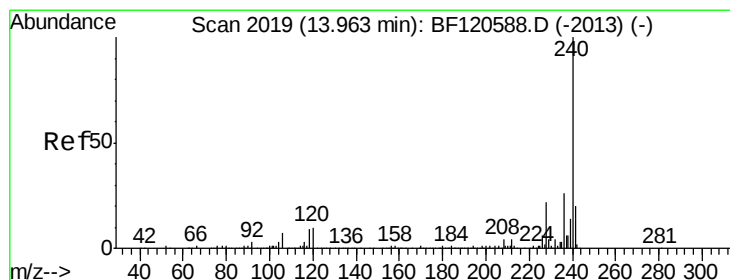
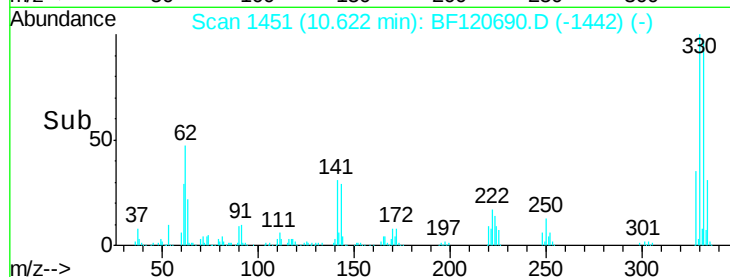
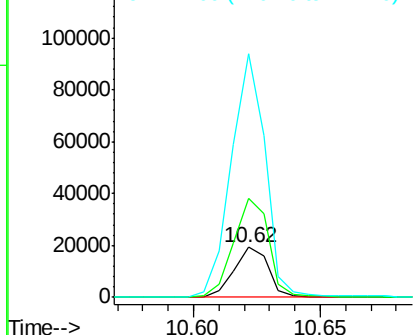
#67
4-Bromophenyl-phenylether
Concen: 3.302 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF120690.D
Acq: 22 Jun 2020 22:05

Instrument :
BNA_F
ClientSampleId :
SB-20

Tot Ion:248 Resp: 18255
Ion Ratio Lower Upper
248 100
250 197.9 76.7 115.1#
141 486.2 49.4 74.0#

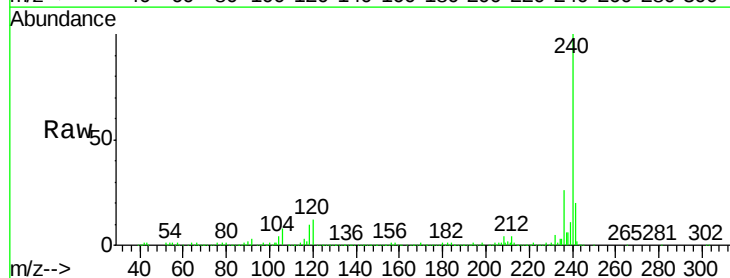


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

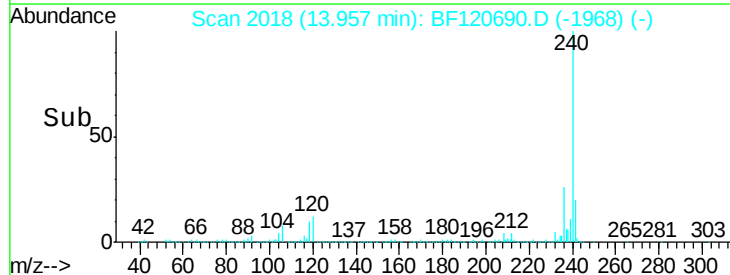
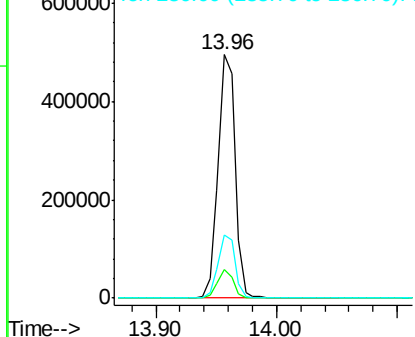


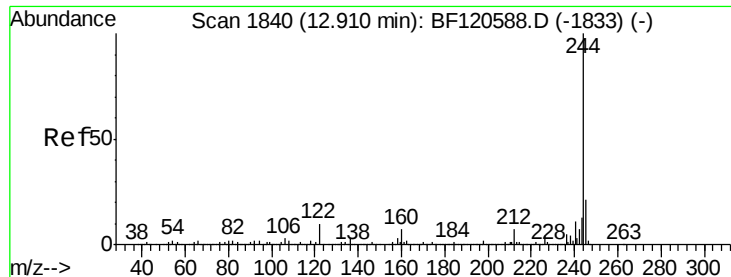
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF120690.D
Acq: 22 Jun 2020 22:05

Tgt Ion:240 Resp: 479569
Ion Ratio Lower Upper
240 100
120 11.8 8.3 12.5
236 26.0 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: 73.284 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120690.D

Acq: 22 Jun 2020 22:05

Instrument :

BNA_F

ClientSampleId :

SB-20

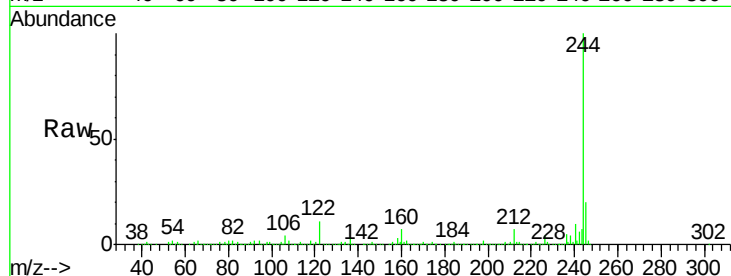
Tot Ion:244 Resp: 1591064

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

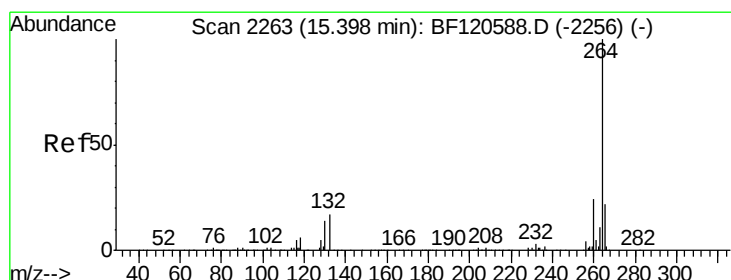
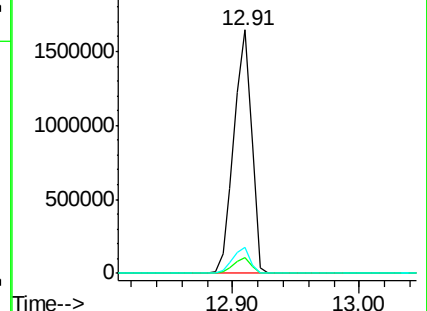
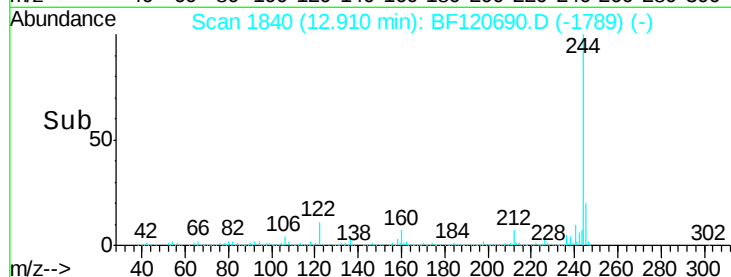
122 10.5 8.3 12.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF120690.D

Acq: 22 Jun 2020 22:05

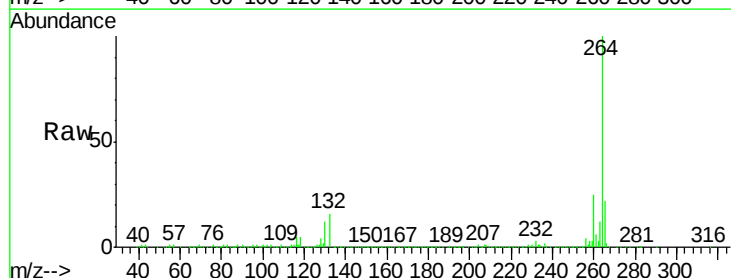
Tgt Ion:264 Resp: 463154

Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 21.6 17.8 26.8



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

