

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
 Data File : BF120688.D
 Acq On : 22 Jun 2020 21:05
 Operator : JU/CG
 Sample : L3082-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15

Quant Time: Jun 23 01:37:25 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

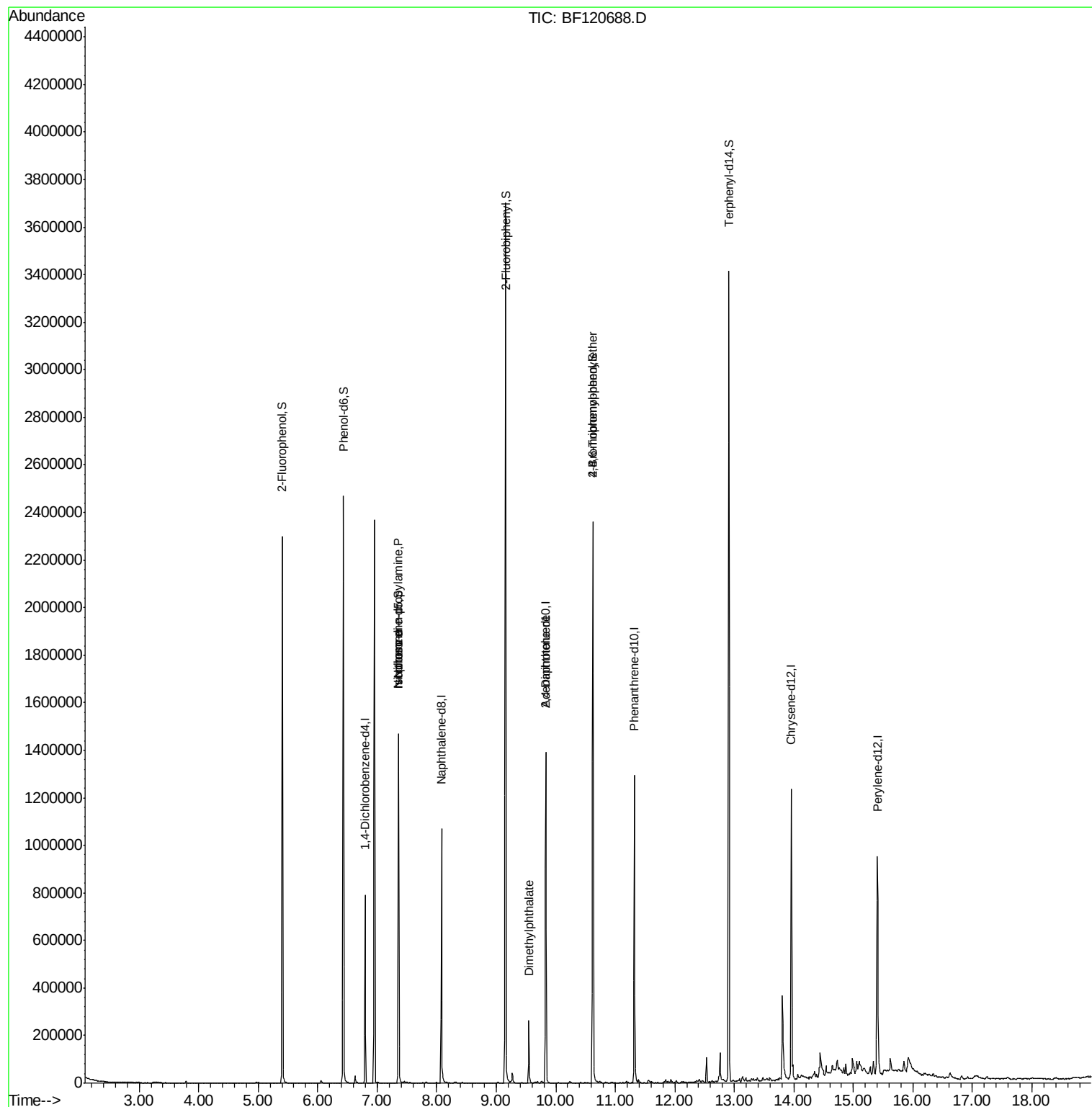
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	126526	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	519755	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	267592	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	529003	20.00	ng	0.00
76) Chrysene-d12	13.96	240	424031	20.00	ng	0.00
86) Perylene-d12	15.40	264	443963	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	711110	96.36	ng	-0.01
7) Phenol-d6	6.43	99	866775	94.30	ng	0.00
23) Nitrobenzene-d5	7.36	82	501693	53.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	322183	103.56	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1213235	69.37	ng	0.00
79) Terphenyl-d14	12.91	244	1316823	68.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	65163	12.222	ng	# 77
25) Isophorone	7.36	82	498991	27.549	ng	# 62
50) Dimethylphthalate	9.55	163	118073	6.127	ng	99
57) 2,4-Dinitrotoluene	9.83	165	34686	5.985	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	18770	3.126	ng	# 1

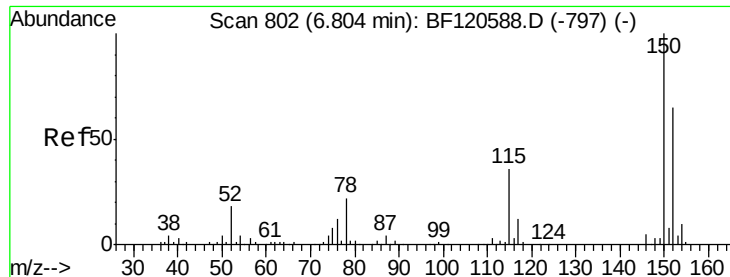
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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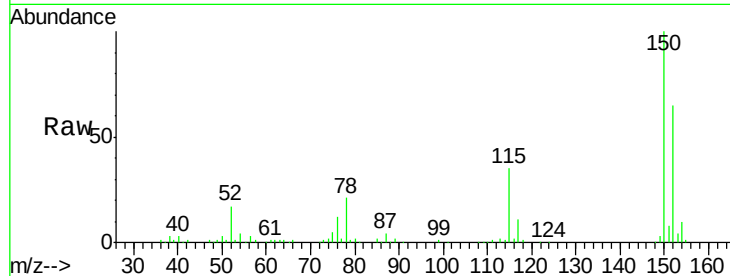


#1

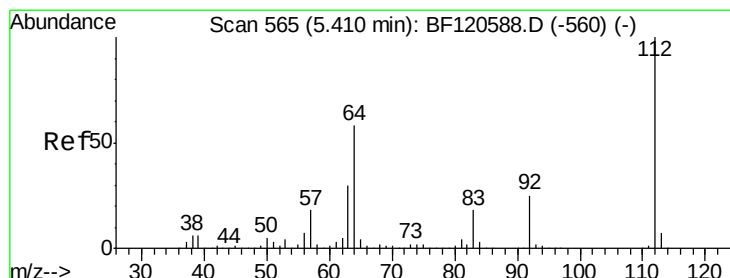
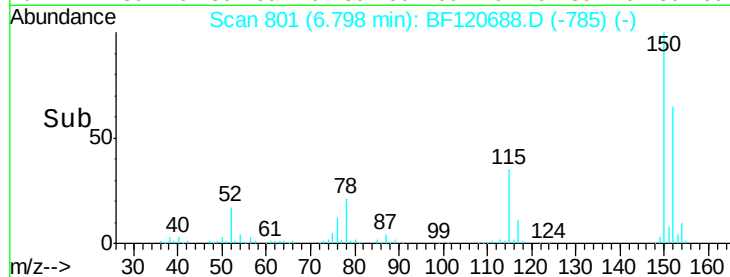
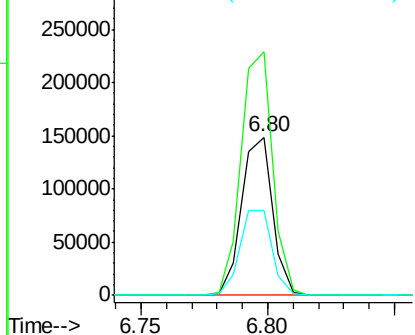
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120688.D
Acq: 22 Jun 2020 21:05

Instrument :
BNA_F
ClientSampleId :
SB-15

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.2	184.8
115	54.0	43.9	65.9



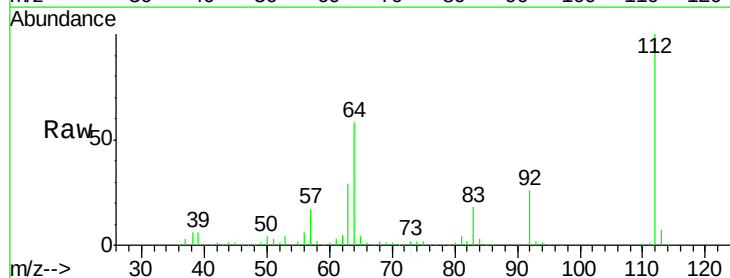
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



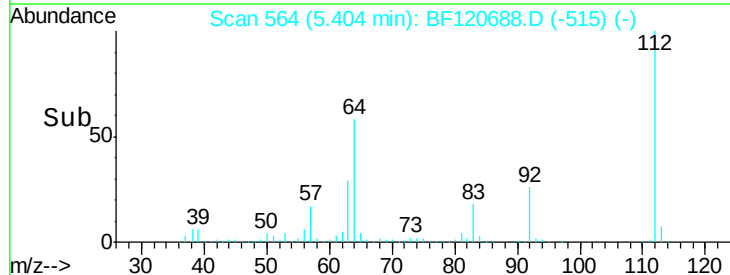
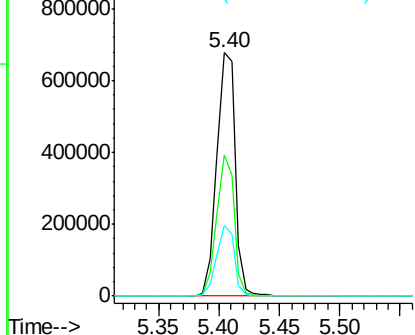
#5

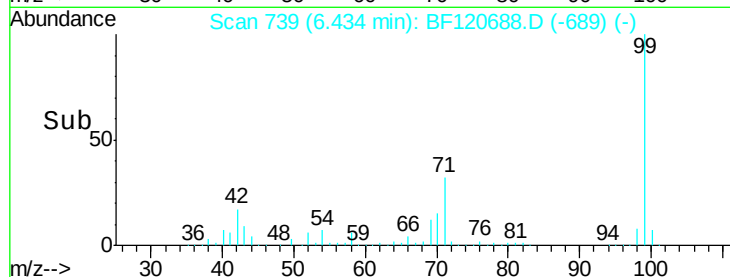
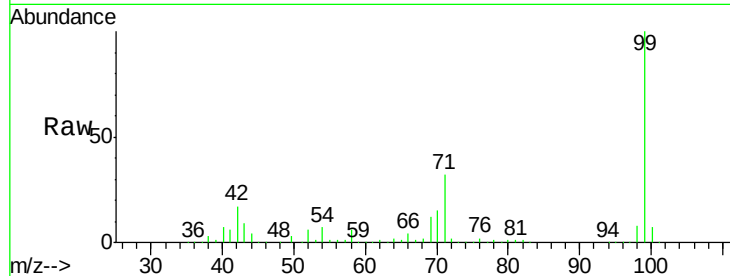
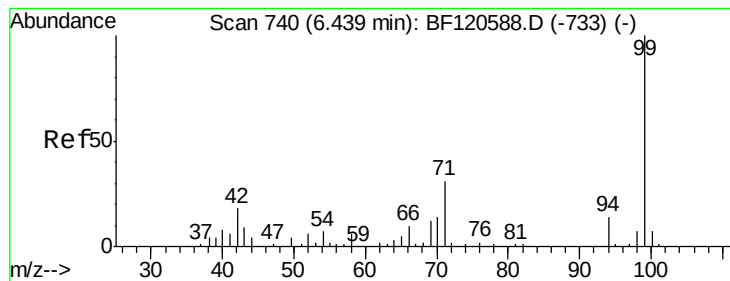
2-Fluorophenol
Concen: 96.357 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF120688.D
Acq: 22 Jun 2020 21:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.1	69.1
63	29.3	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: 94.300 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120688.D

Acq: 22 Jun 2020 21:05

Instrument :

BNA_F

ClientSampleId :

SB-15

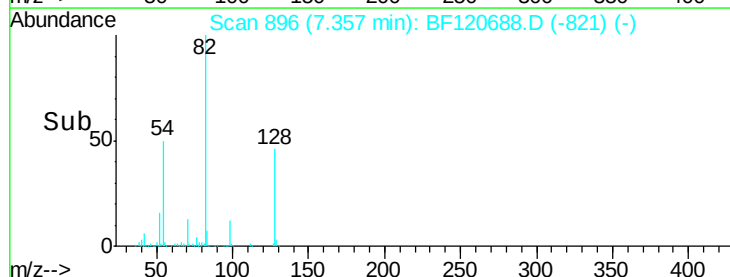
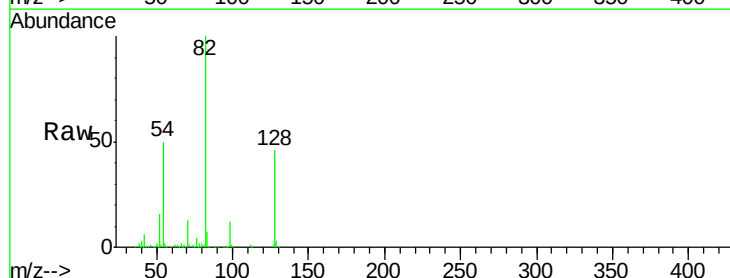
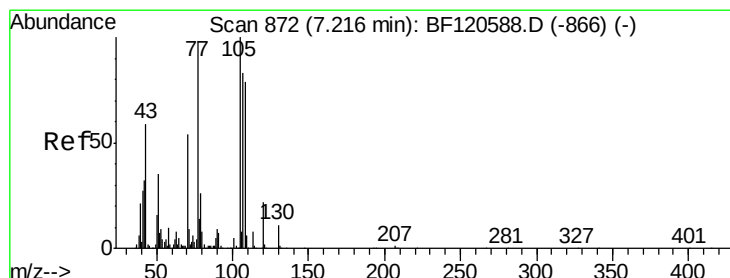
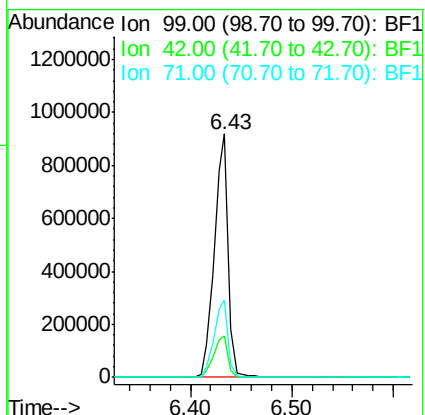
Tot Ion: 99 Resp: 866775

Ion Ratio Lower Upper

99 100

42 17.2 14.0 21.0

71 31.9 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.222 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120688.D

Acq: 22 Jun 2020 21:05

Tgt Ion: 70 Resp: 65163

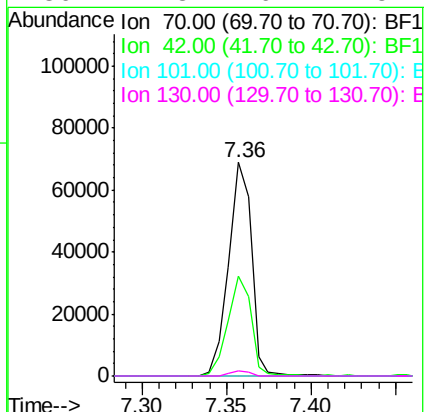
Ion Ratio Lower Upper

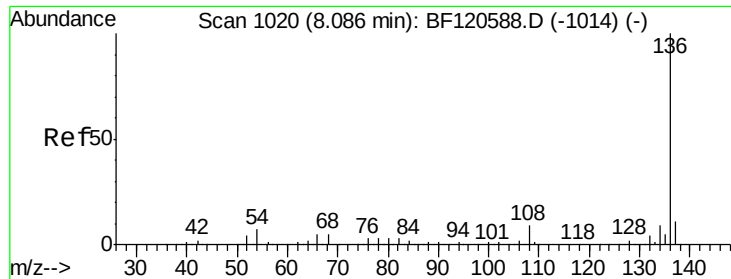
70 100

42 46.6 47.7 71.5#

101 0.0 7.6 11.4#

130 2.3 16.7 25.1#

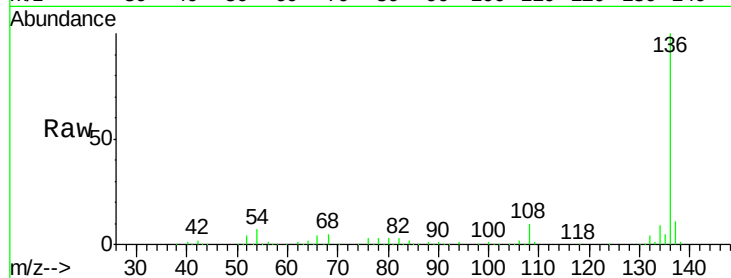




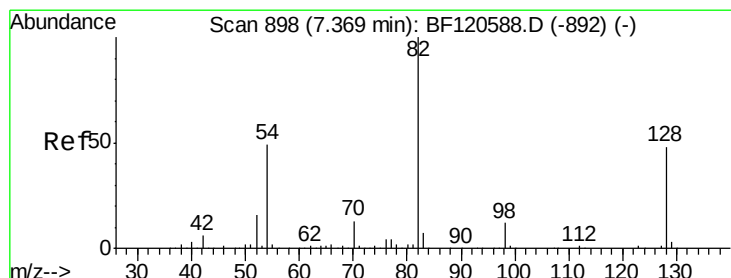
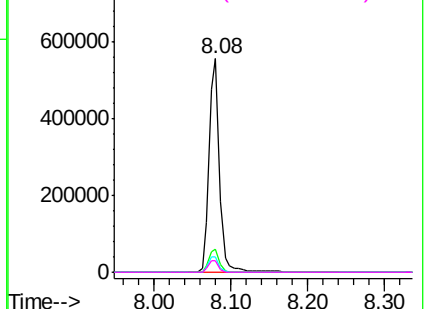
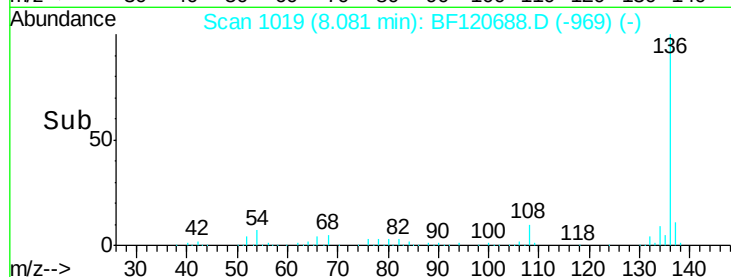
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120688.D
Acq: 22 Jun 2020 21:05

Instrument :
BNA_F
ClientSampleId :
SB-15

Tot Ion:136	Resp:	519755
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.6 13.0
54	6.9	5.8 8.6
68	5.4	4.4 6.6

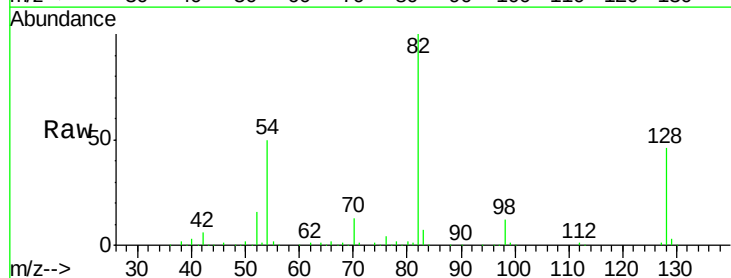


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

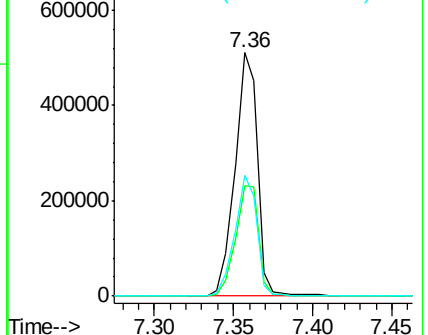
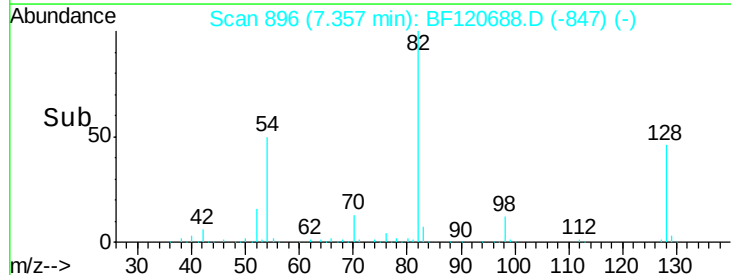


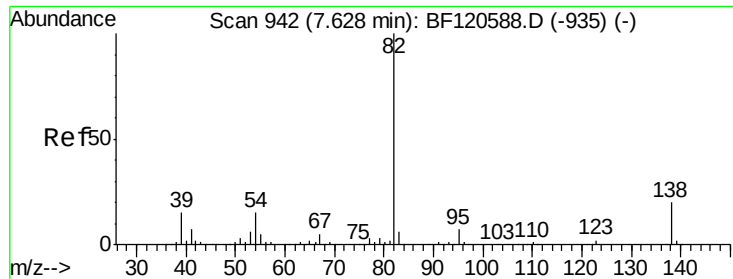
#23
Nitrobenzene-d5
Concen: 53.954 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120688.D
Acq: 22 Jun 2020 21:05

Tgt Ion: 82	Resp:	501693
Ion	Ratio	Lower Upper
82	100	
128	45.6	38.0 57.0
54	49.7	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

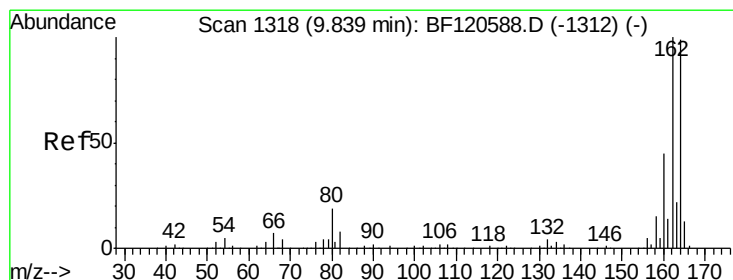
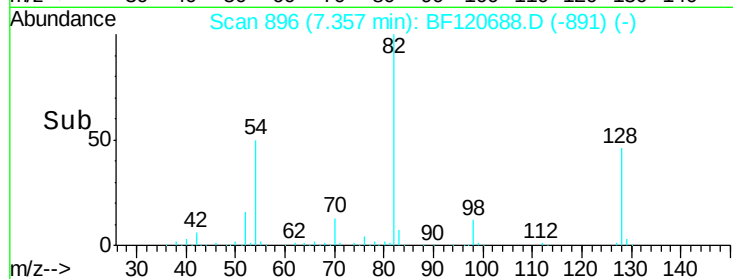
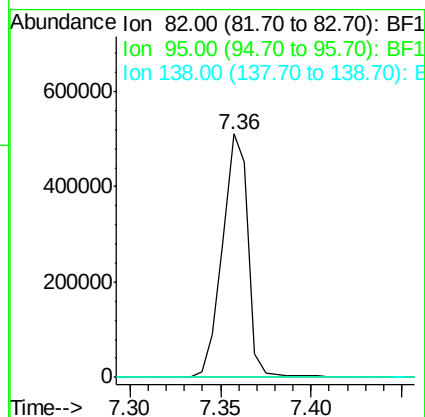
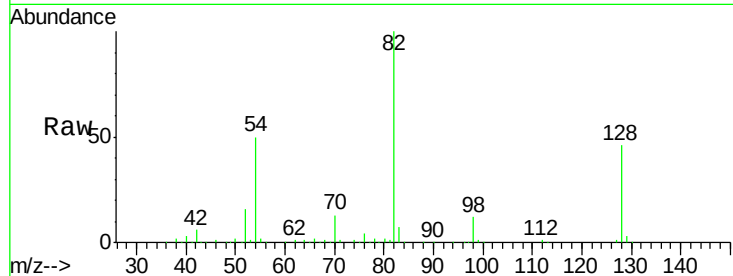




#25
Isophorone
Concen: 27.549 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.27 min
Lab File: BF120688.D
Acq: 22 Jun 2020 21:05

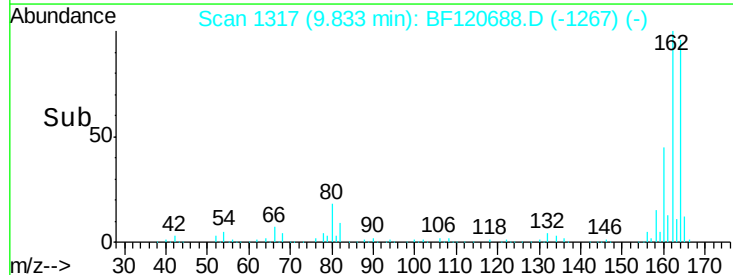
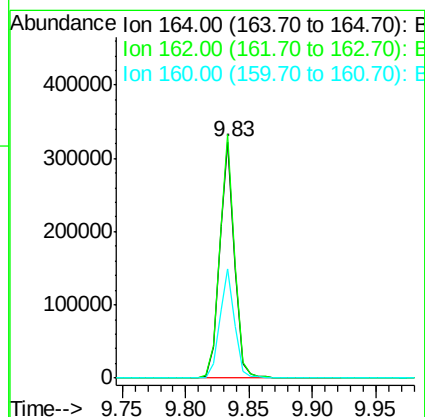
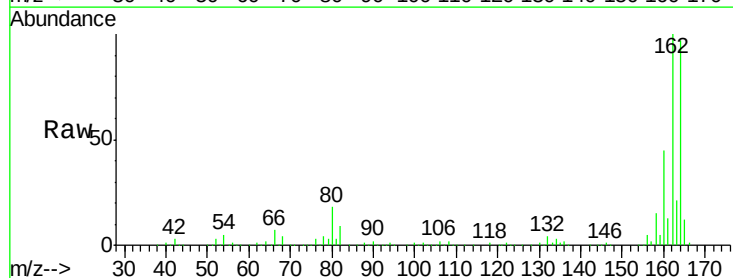
Instrument :
BNA_F
ClientSampled :
SB-15

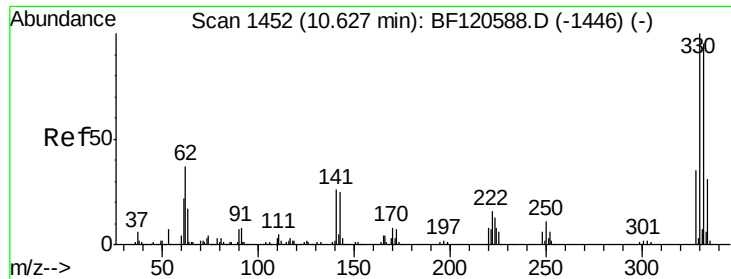
Tot Ion: 82 Resp: 498991
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120688.D
Acq: 22 Jun 2020 21:05

Tgt Ion:164 Resp: 267592
Ion Ratio Lower Upper
164 100
162 103.1 80.6 120.8
160 46.3 36.2 54.2

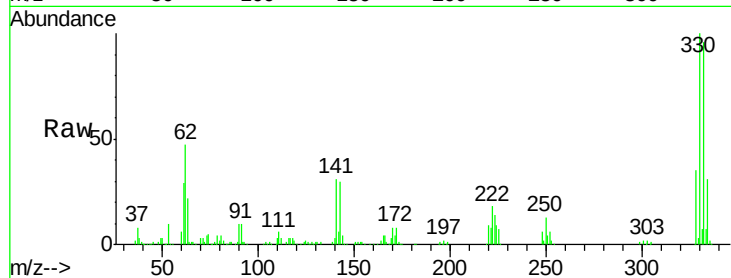




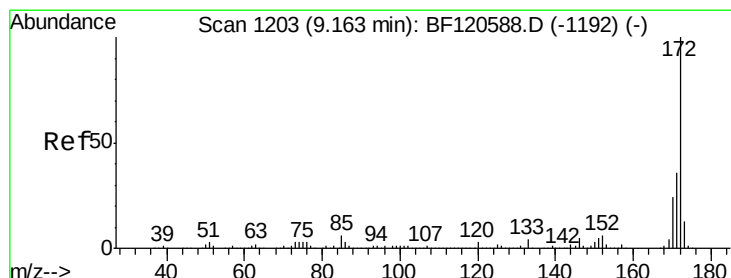
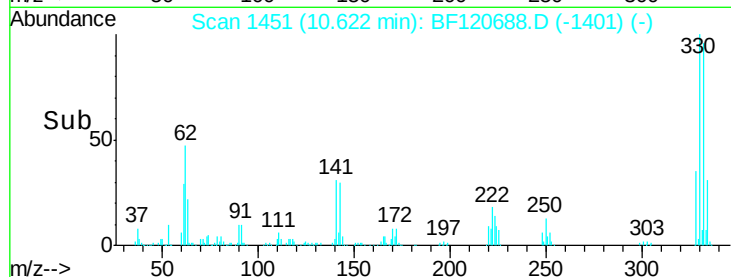
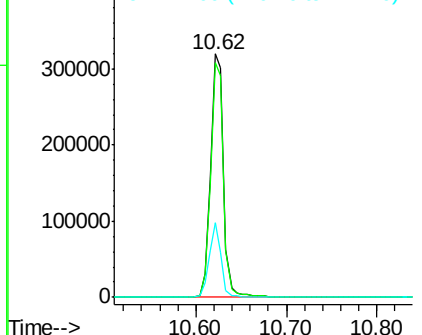
#42
 2,4,6-Tribromophenol
 Concen: 103.558 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120688.D
 Acq: 22 Jun 2020 21:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-15

Tot Ion:330 Resp: 322183
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.8 115.2
 141 28.4 23.2 34.8

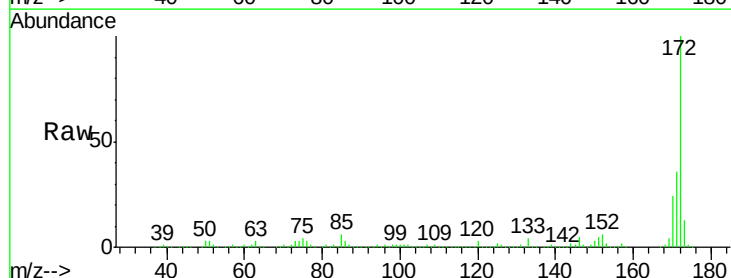


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

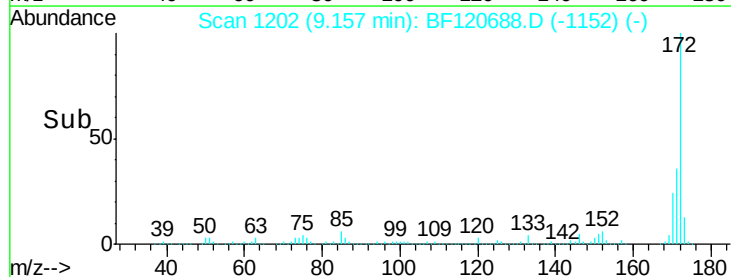
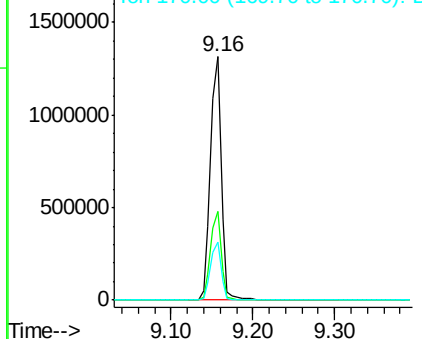


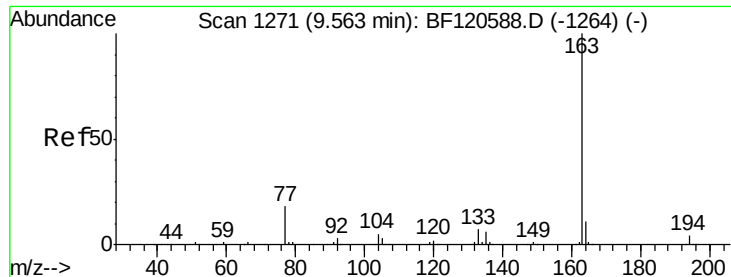
#45
 2-Fluorobiphenyl
 Concen: 69.368 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120688.D
 Acq: 22 Jun 2020 21:05

Tgt Ion:172 Resp: 1213235
 Ion Ratio Lower Upper
 172 100
 171 36.3 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

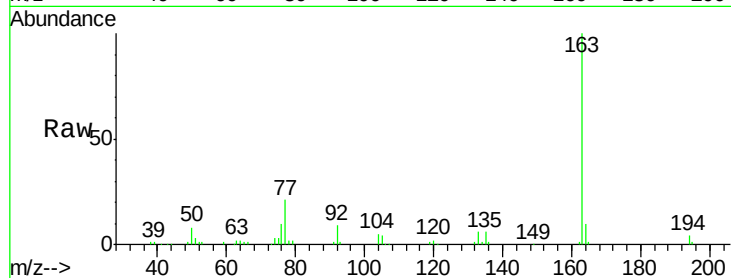




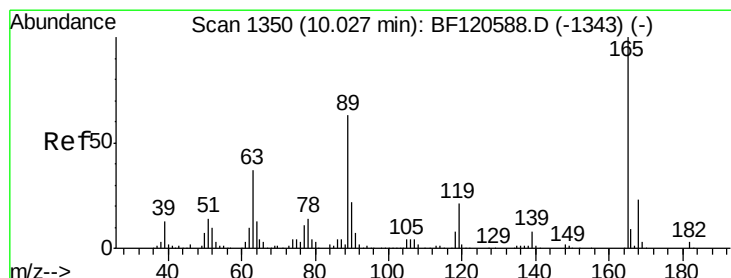
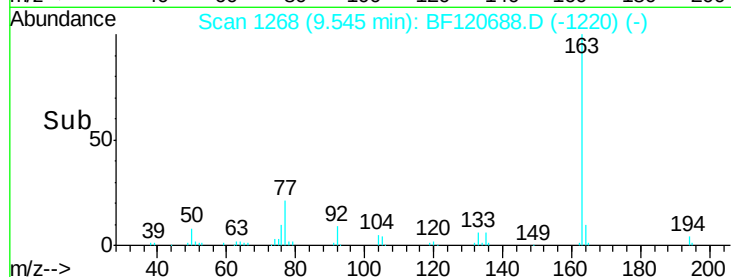
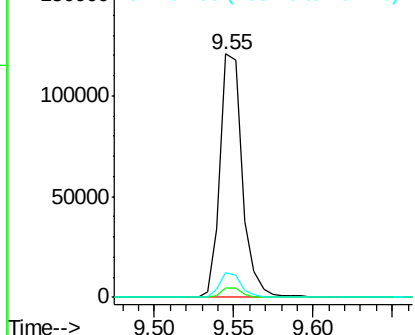
#50
Dimethylphthalate
Concen: 6.127 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF120688.D
Acq: 22 Jun 2020 21:05

Instrument :
BNA_F
ClientSampleId :
SB-15

Tot Ion:163 Resp: 118073
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.0 8.5 12.7

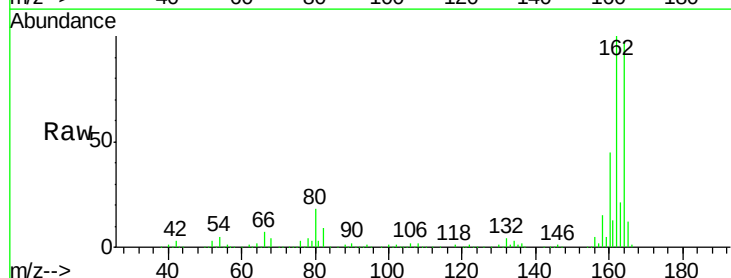


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

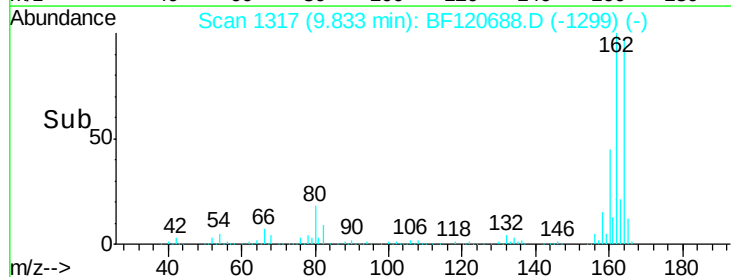
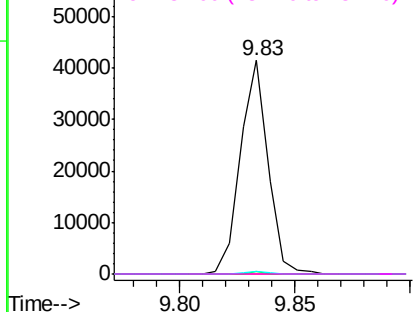


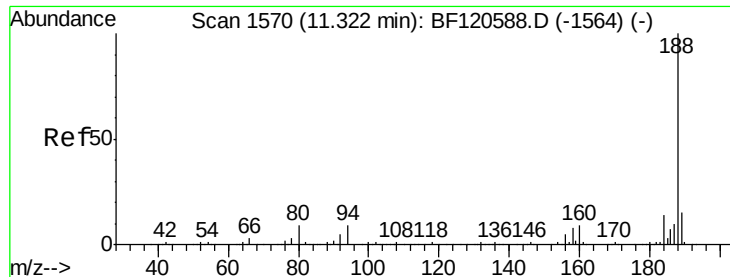
#57
2,4-Dinitrotoluene
Concen: 5.985 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BF120688.D
Acq: 22 Jun 2020 21:05

Tgt Ion:165 Resp: 34686
Ion Ratio Lower Upper
165 100
63 1.4 29.8 44.8#
89 1.0 50.4 75.6#
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: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF120688.D

Acq: 22 Jun 2020 21:05

Instrument :

BNA_F

ClientSampleId :

SB-15

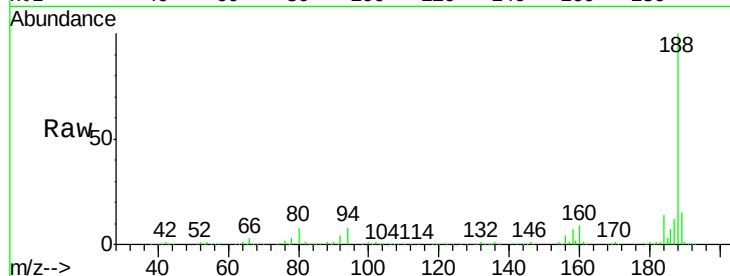
Tot Ion:188 Resp: 529003

Ion Ratio Lower Upper

188 100

94 8.0 7.2 10.8

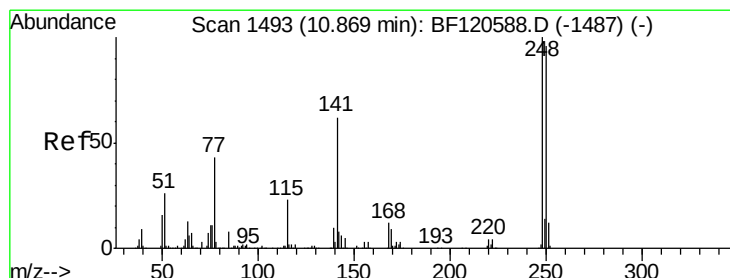
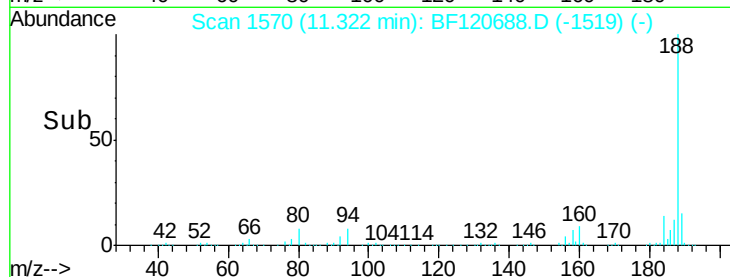
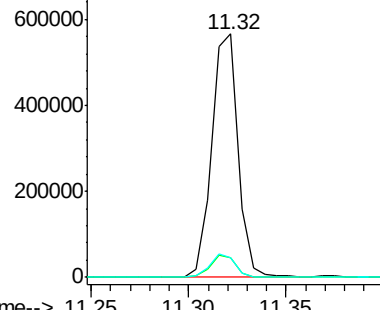
80 8.2 7.4 11.2



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



#67

4-Bromophenyl-phenylether

Concen: 3.126 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BF120688.D

Acq: 22 Jun 2020 21:05

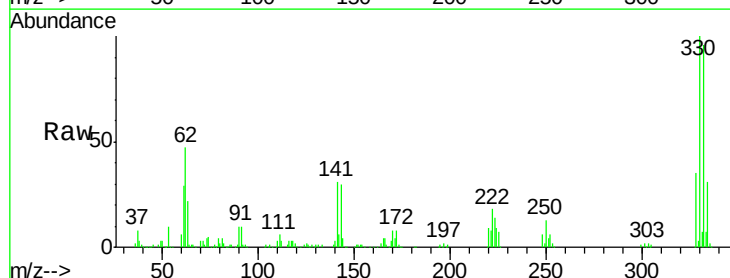
Tgt Ion:248 Resp: 18770

Ion Ratio Lower Upper

248 100

250 198.7 76.7 115.1#

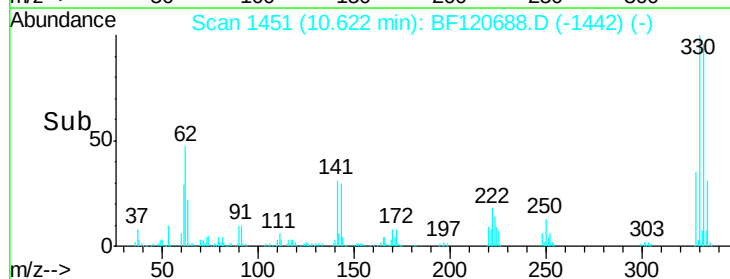
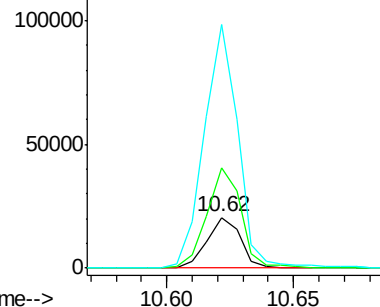
141 483.3 49.4 74.0#

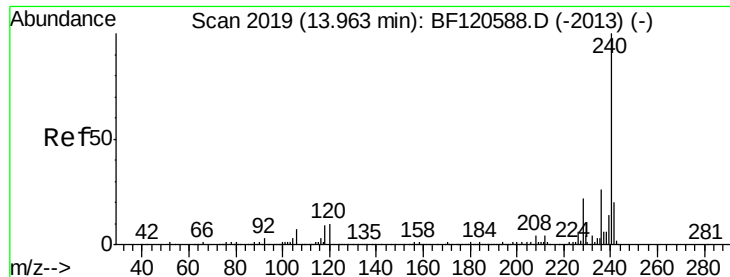


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF120688.D

Acq: 22 Jun 2020 21:05

Instrument :

BNA_F

ClientSampleId :

SB-15

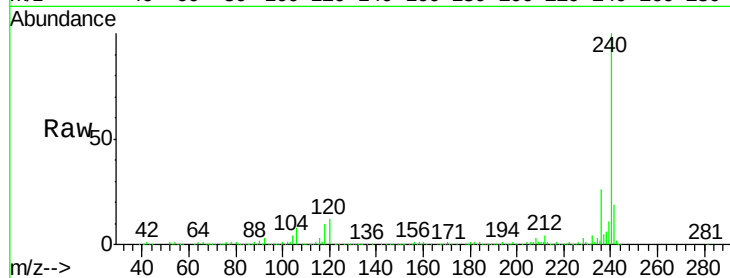
Tot Ion:240 Resp: 424031

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

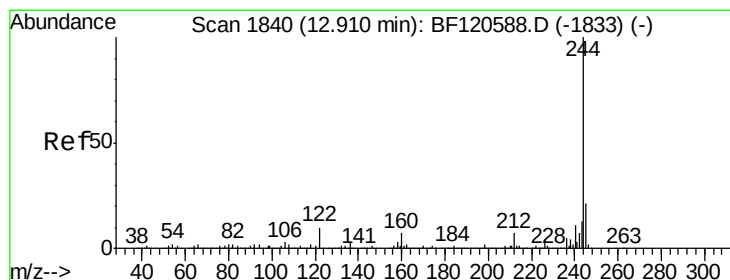
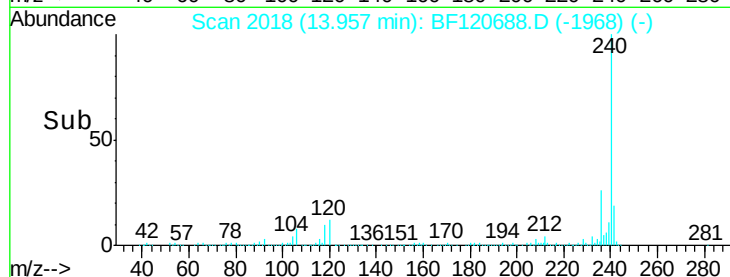
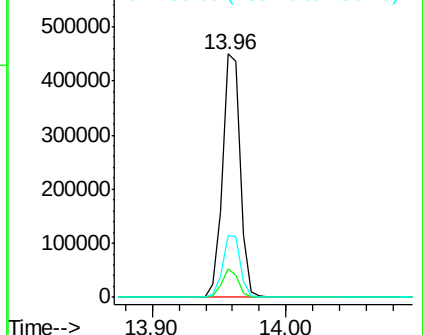
236 25.5 21.0 31.4



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: 68.597 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120688.D

Acq: 22 Jun 2020 21:05

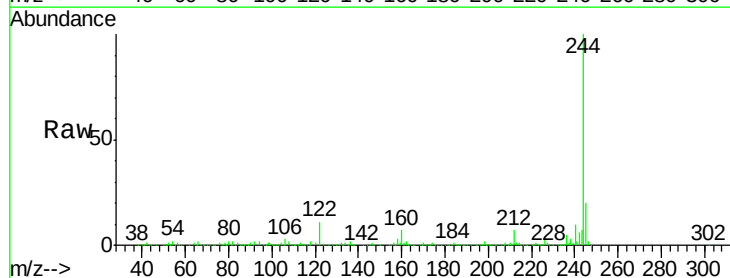
Tgt Ion:244 Resp: 1316823

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

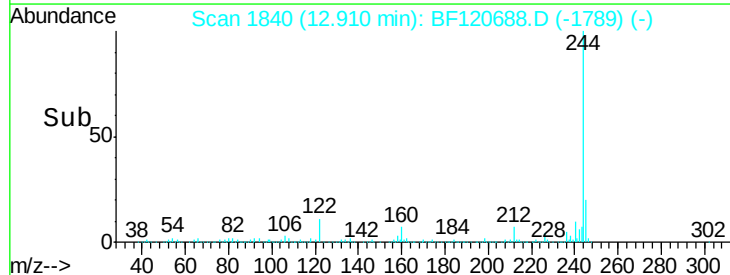
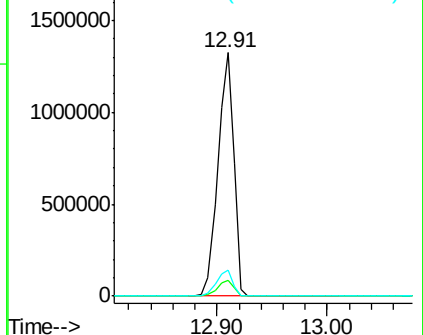
122 10.5 8.3 12.5

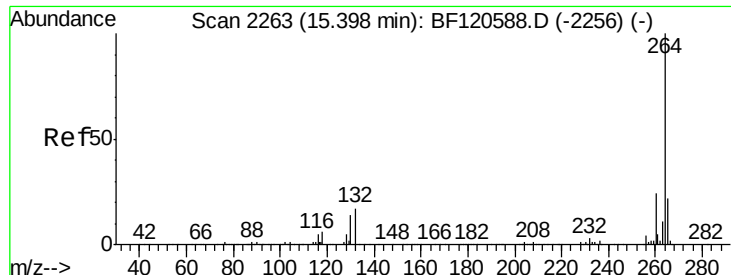


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

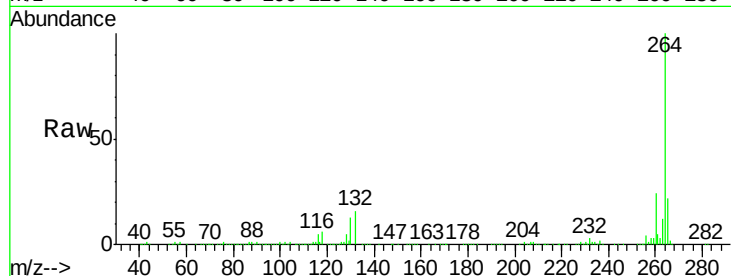




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: BF120688.D
 Acq: 22 Jun 2020 21:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-15

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.7	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

