

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061220\
 Data File : BF120612.D
 Acq On : 12 Jun 2020 14:44
 Operator : JU/CG
 Sample : PB129506BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129506BL

Quant Time: Jun 12 15:36:40 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

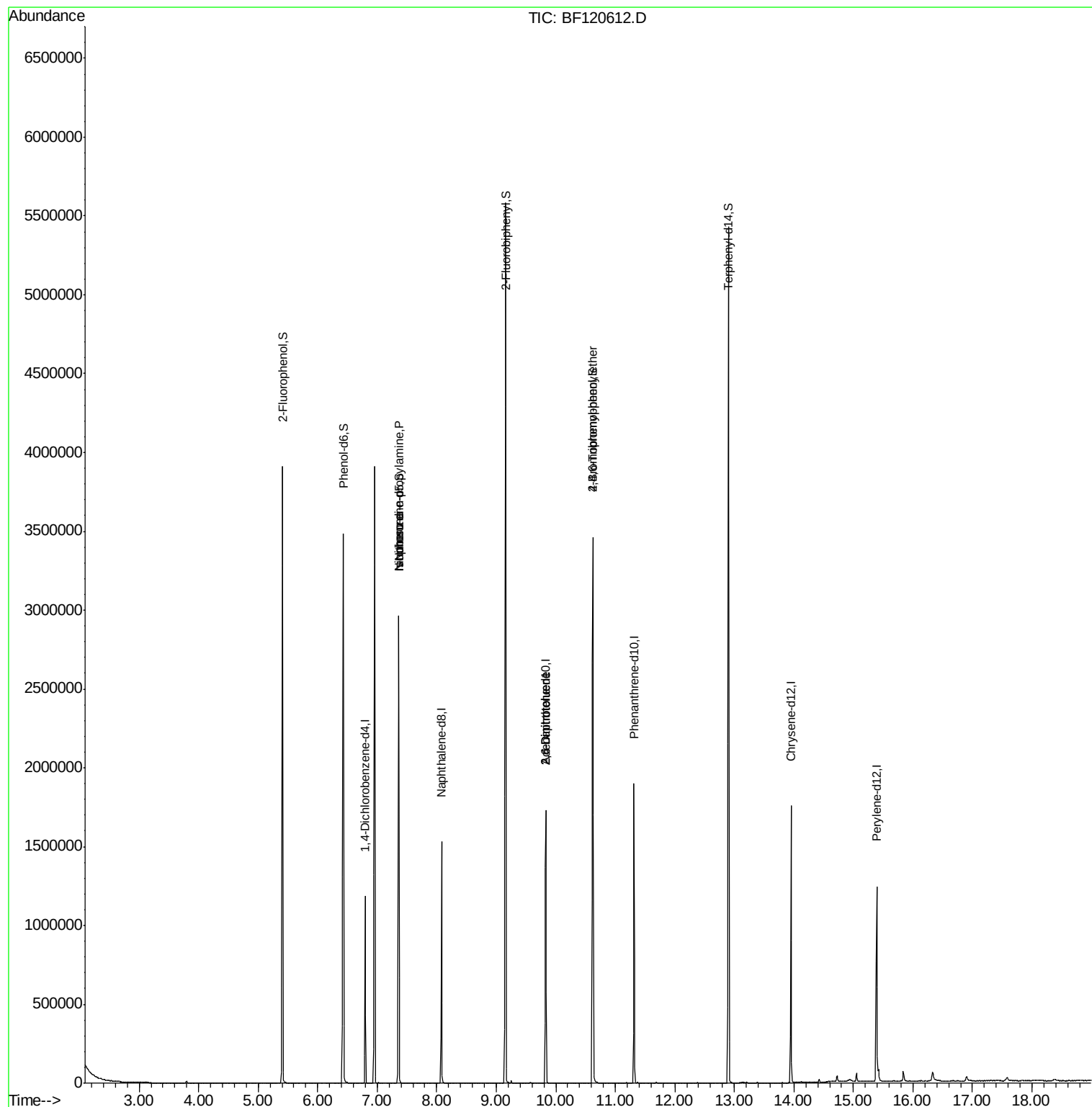
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	165190	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	652077	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	338335	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	670761	20.00	ng	0.00
76) Chrysene-d12	13.95	240	562082	20.00	ng	-0.01
86) Perylene-d12	15.39	264	609349	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1170464	121.48	ng	0.00
7) Phenol-d6	6.43	99	1482672	123.55	ng	0.00
23) Nitrobenzene-d5	7.36	82	952729	81.67	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	483673	122.96	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1778689	80.43	ng	0.00
79) Terphenyl-d14	12.90	244	2236981	87.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	126469	18.168	ng	# 77
25) Isophorone	7.36	82	950128	41.811	ng	# 62
51) 2,6-Dinitrotoluene	9.83	165	43995	7.967	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	43995	6.004	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	27738	3.644	ng	# 1

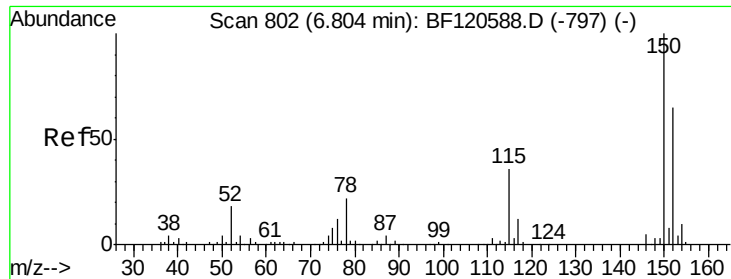
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061220\
Data File : BF120612.D
Acq On : 12 Jun 2020 14:44
Operator : JU/CG
Sample : PB129506BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Jun 12 15:36:40 2020
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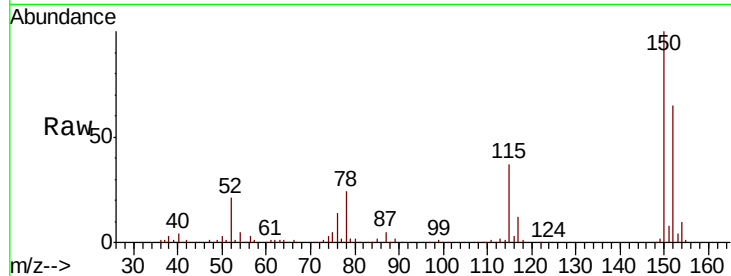


#1

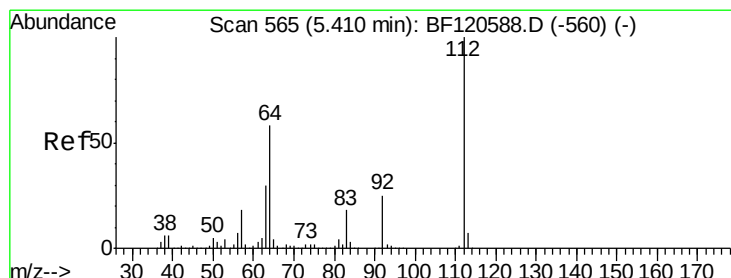
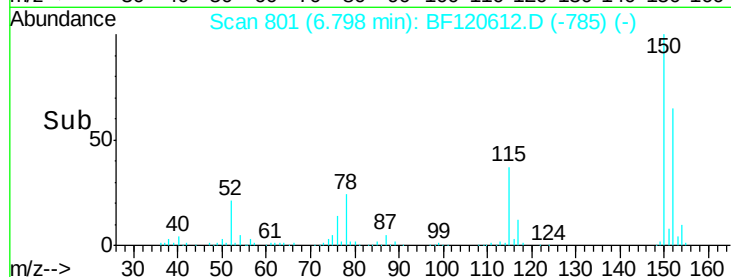
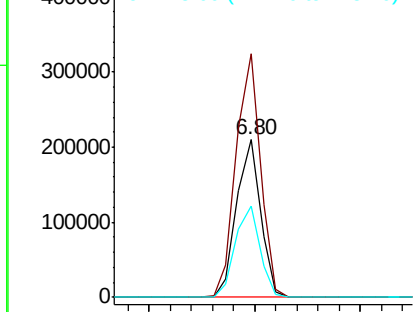
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120612.D
Acq: 12 Jun 2020 14:44

Instrument :
BNA_F
ClientSampleId :
PB129506BL

Tot Ion:152 Resp: 165190
Ion Ratio Lower Upper
152 100
150 154.8 123.2 184.8
115 57.8 43.9 65.9



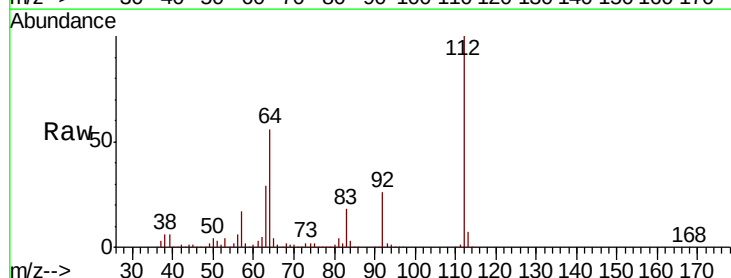
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



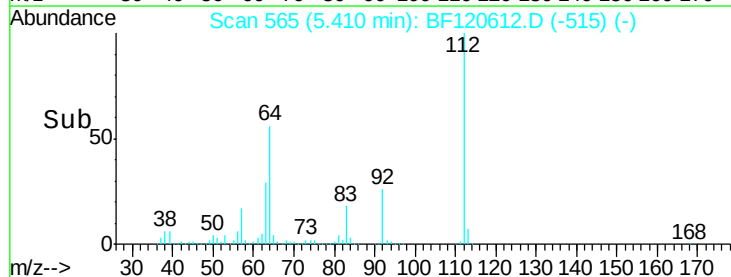
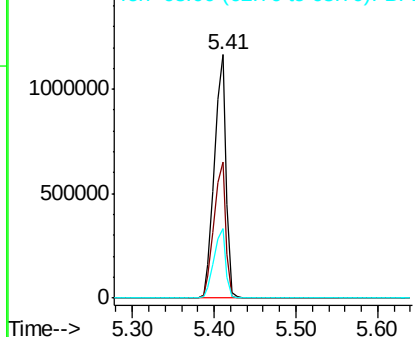
#5

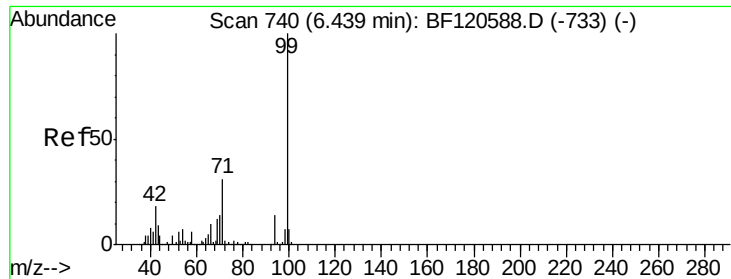
2-Fluorophenol
Concen: 121.479 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120612.D
Acq: 12 Jun 2020 14:44

Tgt Ion:112 Resp: 1170464
Ion Ratio Lower Upper
112 100
64 56.0 46.1 69.1
63 28.8 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: 123.550 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120612.D

Acq: 12 Jun 2020 14:44

Instrument :

BNA_F

ClientSampleId :

PB129506BL

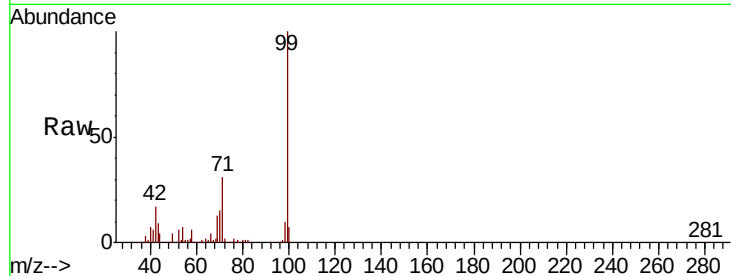
Tot Ion: 99 Resp: 1482672

Ion Ratio Lower Upper

99 100

42 17.3 14.0 21.0

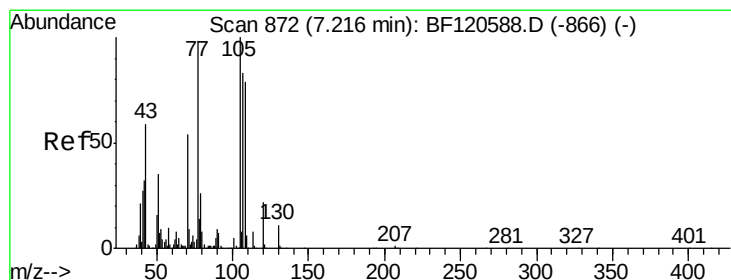
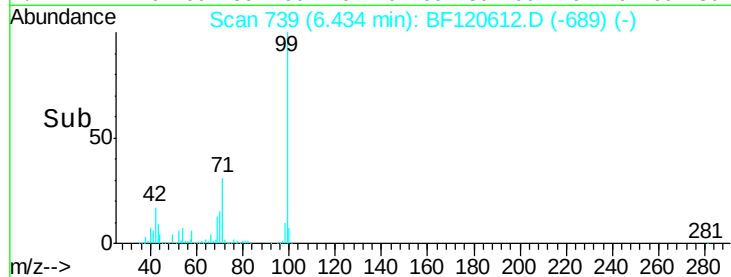
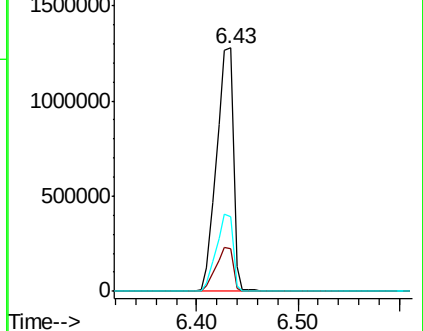
71 30.7 24.9 37.3



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: 18.168 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF120612.D

Acq: 12 Jun 2020 14:44

Tgt Ion: 70 Resp: 126469

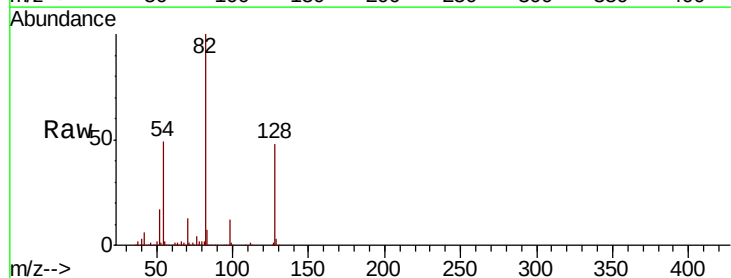
Ion Ratio Lower Upper

70 100

42 46.7 47.7 71.5#

101 0.0 7.6 11.4#

130 2.4 16.7 25.1#

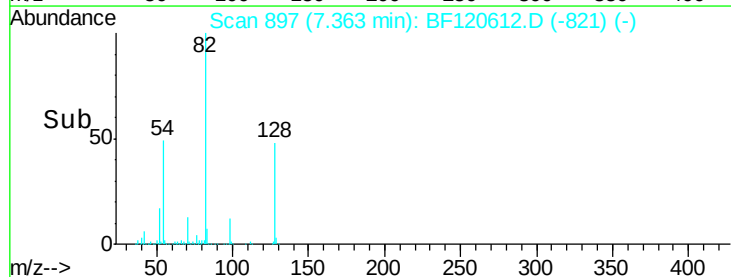
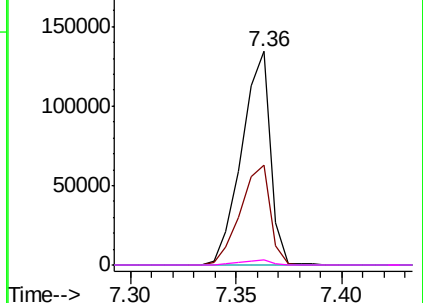


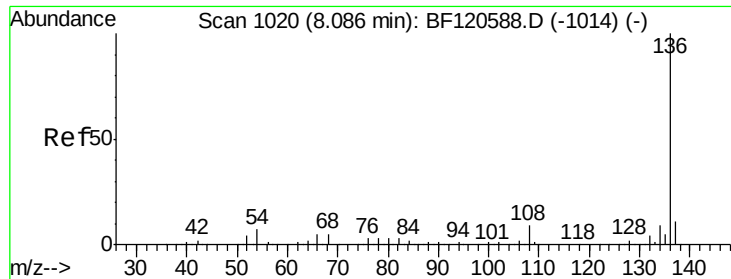
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

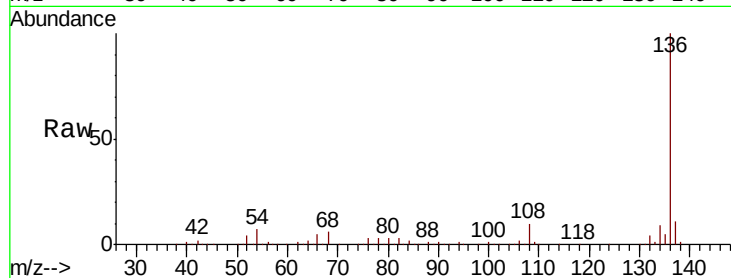




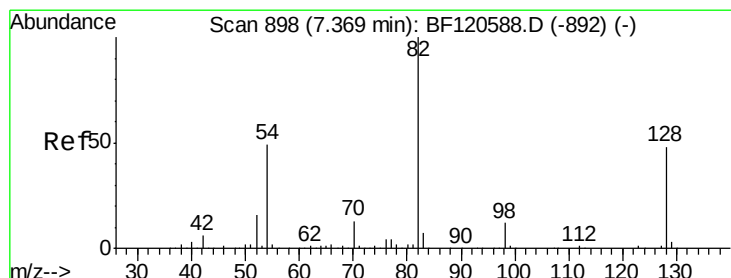
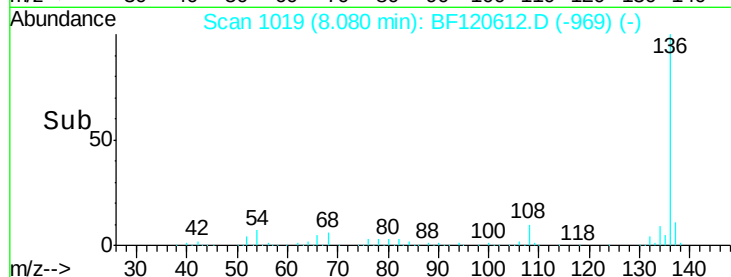
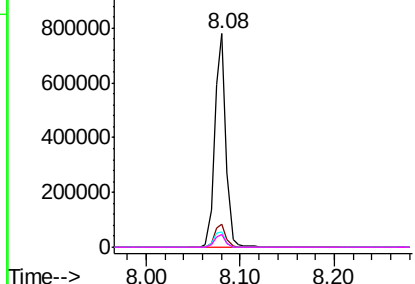
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120612.D
Acq: 12 Jun 2020 14:44

Instrument :
BNA_F
ClientSampleId :
PB129506BL

Tot Ion:136	Resp: 652077
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 7.4	5.8 8.6
68 5.8	4.4 6.6

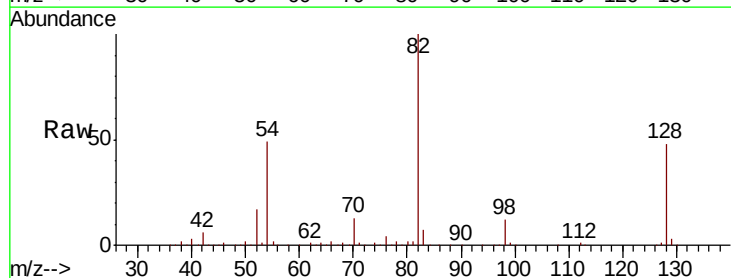


Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
800000
Ion 68.00 (67.70 to 68.70): BF1
600000
400000
200000
0

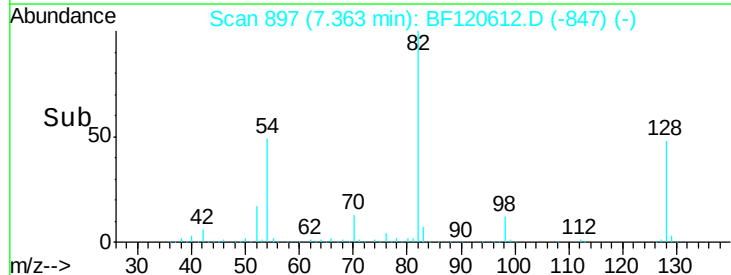
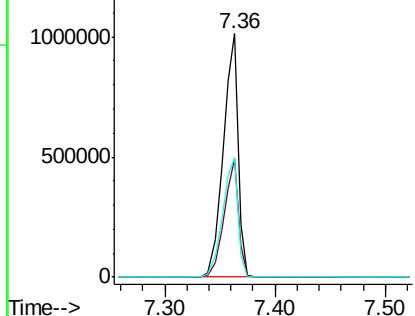


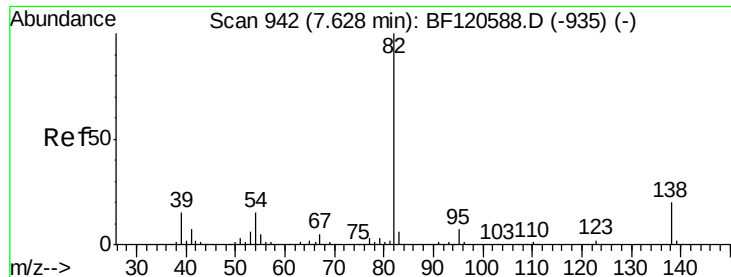
#23
Nitrobenzene-d5
Concen: 81.669 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120612.D
Acq: 12 Jun 2020 14:44

Tgt Ion: 82	Resp: 952729
Ion Ratio	Lower Upper
82 100	
128 48.4	38.0 57.0
54 48.9	38.8 58.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000
Ion 128.00 (127.70 to 128.70): E
500000
Ion 54.00 (53.70 to 54.70): BF1
0





#25

Isophorone

Concen: 41.811 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF120612.D

Acq: 12 Jun 2020 14:44

Instrument :

BNA_F

ClientSampleId :

PB129506BL

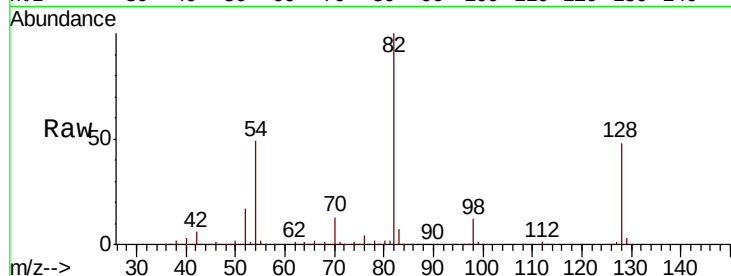
Tot Ion: 82 Resp: 950128

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

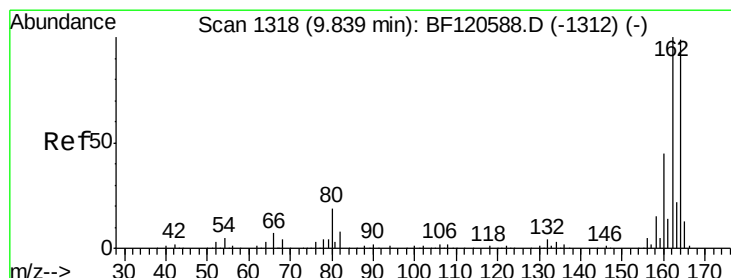
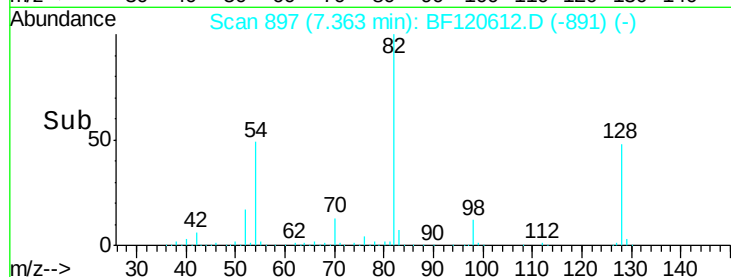
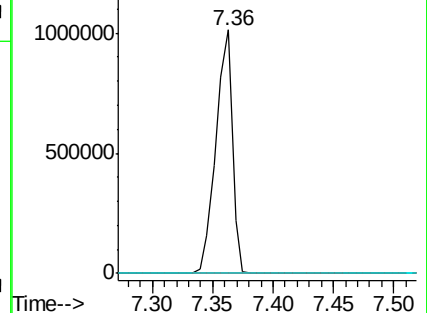
138 0.0 16.2 24.4#



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: BF120612.D

Acq: 12 Jun 2020 14:44

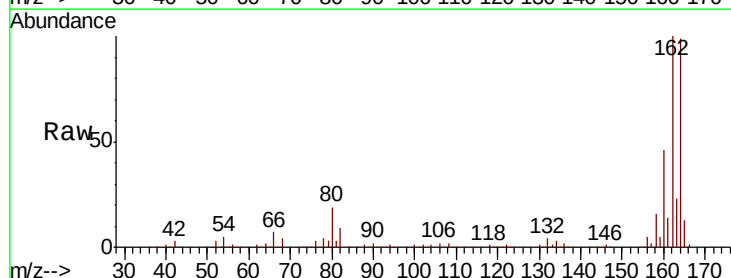
Tgt Ion: 164 Resp: 338335

Ion Ratio Lower Upper

164 100

162 101.2 80.6 120.8

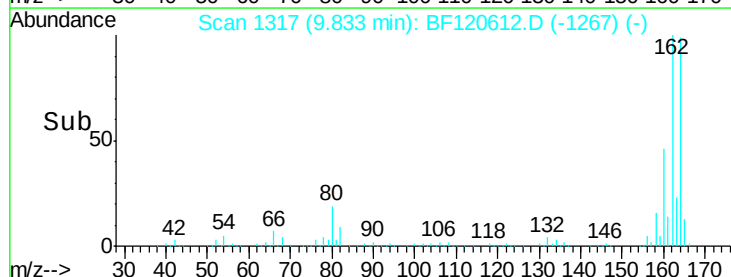
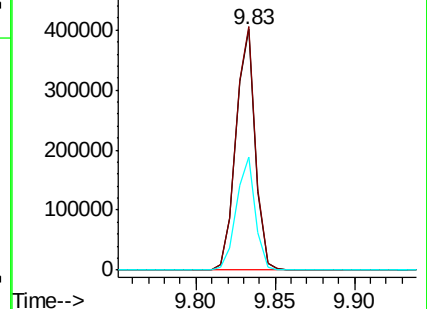
160 46.7 36.2 54.2

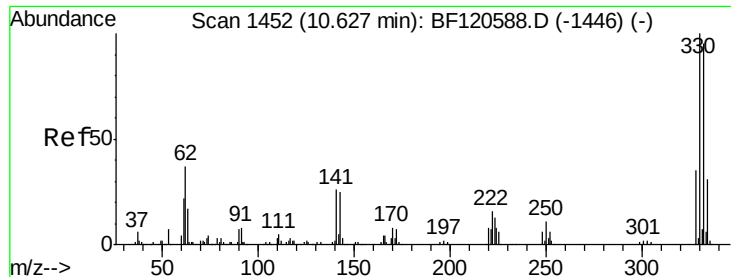


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

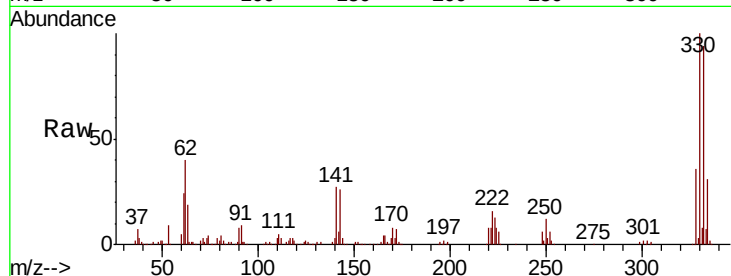




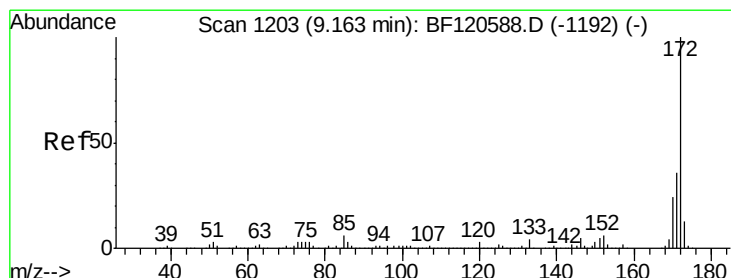
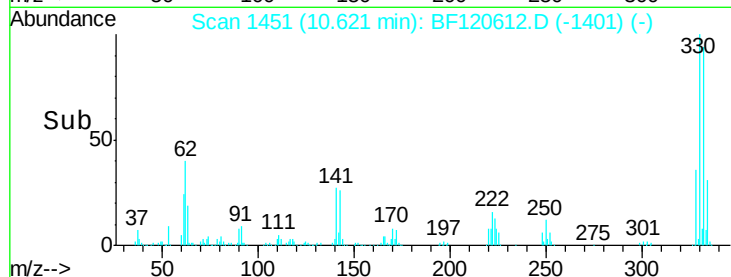
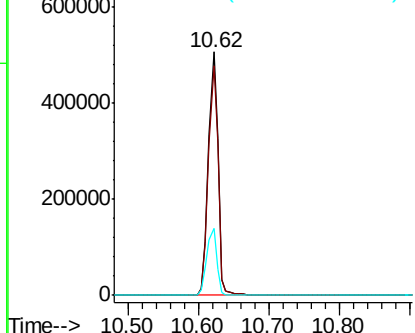
#42
 2,4,6-Tribromophenol
 Concen: 122.959 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120612.D
 Acq: 12 Jun 2020 14:44

Instrument :
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 PB129506BL

Tot Ion:330 Resp: 483673
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.8 115.2
 141 28.5 23.2 34.8

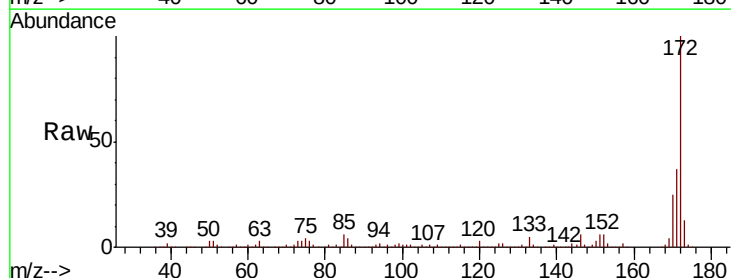


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

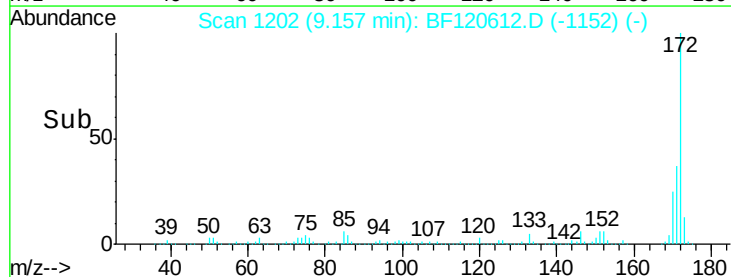
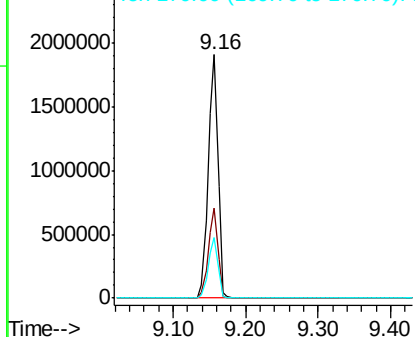


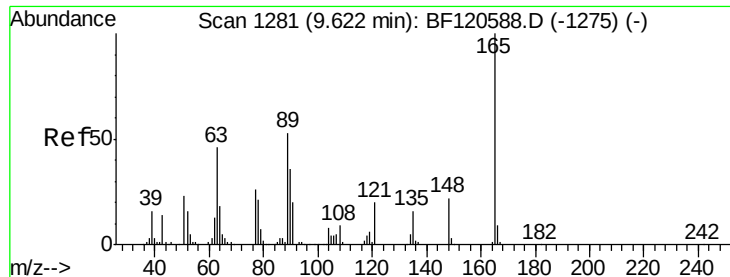
#45
 2-Fluorobiphenyl
 Concen: 80.434 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120612.D
 Acq: 12 Jun 2020 14:44

Tgt Ion:172 Resp: 1778689
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.0 43.4
 170 24.9 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

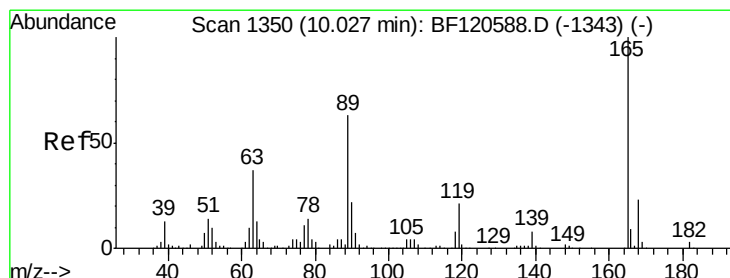
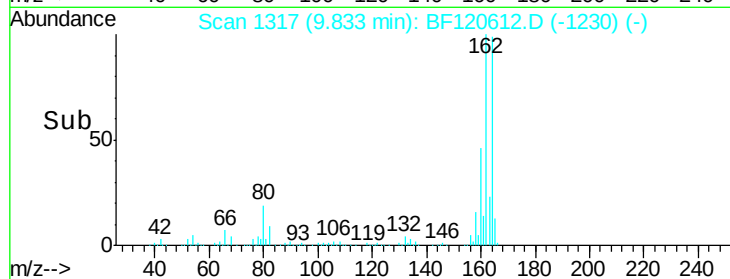
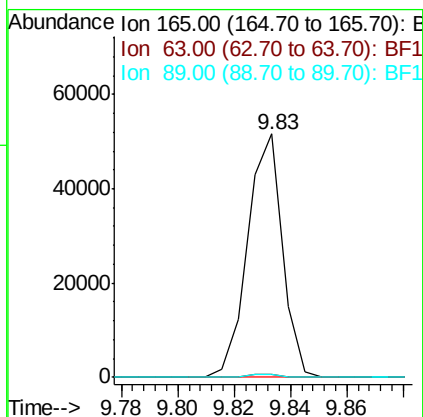
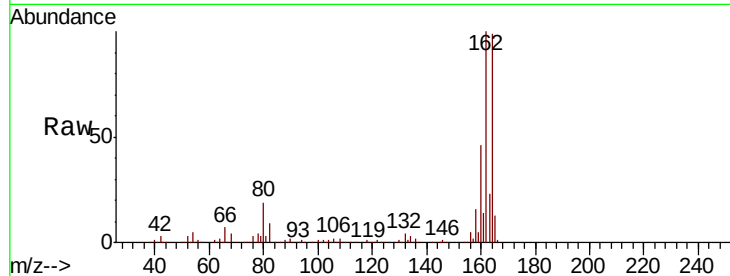




#51
2,6-Dinitrotoluene
Concen: 7.967 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.21 min
Lab File: BF120612.D
Acq: 12 Jun 2020 14:44

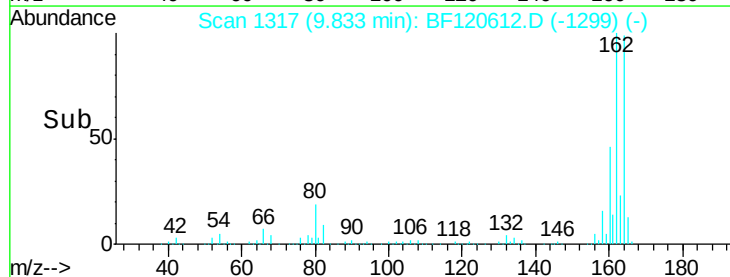
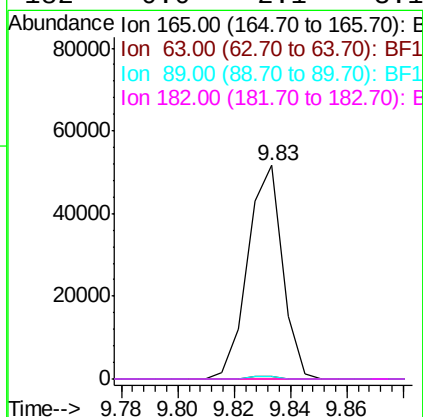
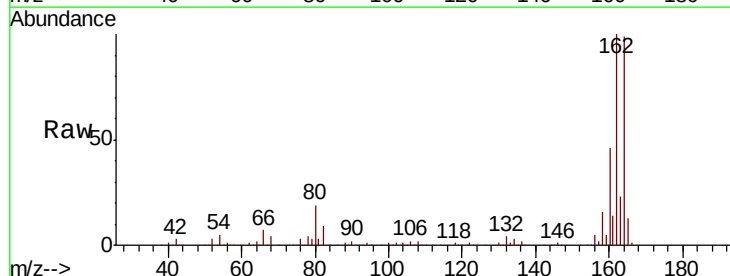
Instrument :
BNA_F
ClientSampleId :
PB129506BL

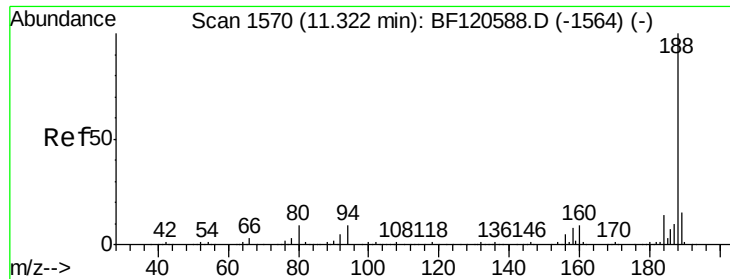
Tot Ion:165 Resp: 43995
Ion Ratio Lower Upper
165 100
63 1.0 41.7 62.5#
89 1.1 42.6 64.0#



#57
2,4-Dinitrotoluene
Concen: 6.004 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BF120612.D
Acq: 12 Jun 2020 14:44

Tgt Ion:165 Resp: 43995
Ion Ratio Lower Upper
165 100
63 1.0 29.8 44.8#
89 1.1 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: BF120612.D

Acq: 12 Jun 2020 14:44

Instrument :

BNA_F

ClientSampleId :

PB129506BL

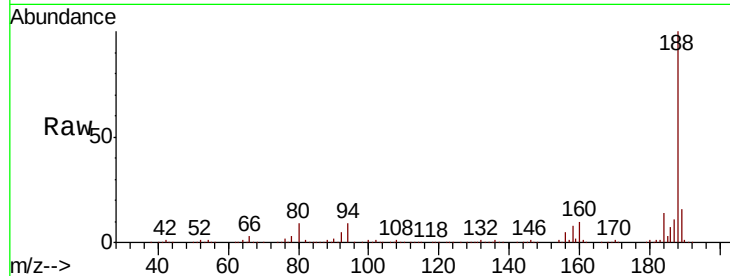
Tot Ion:188 Resp: 670761

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

80 9.5 7.4 11.2

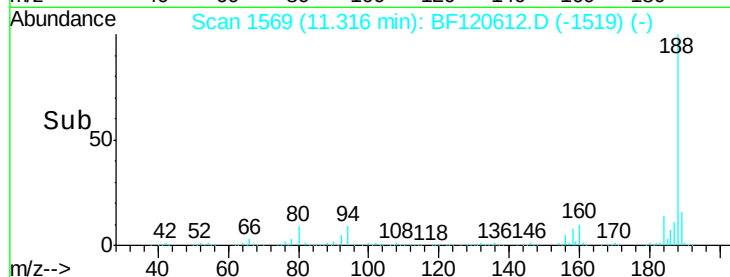


Abundance Ion 188.00 (187.70 to 188.70): E

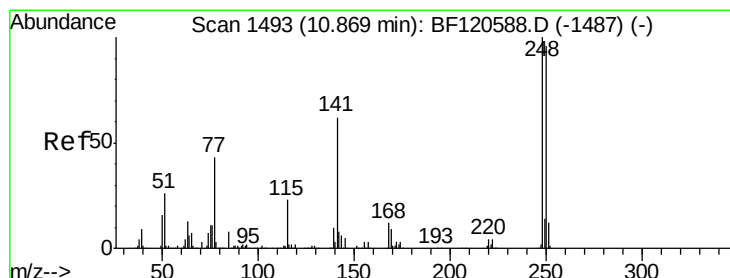
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.644 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BF120612.D

Acq: 12 Jun 2020 14:44

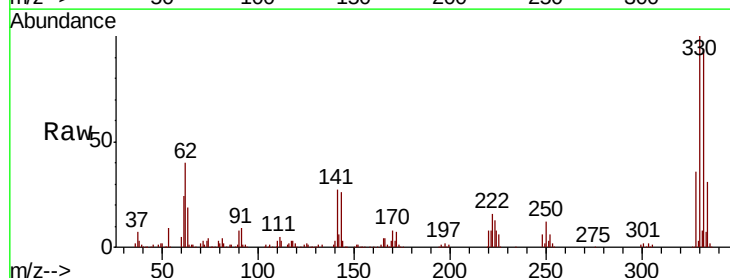
Tgt Ion:248 Resp: 27738

Ion Ratio Lower Upper

248 100

250 202.3 76.7 115.1#

141 468.6 49.4 74.0#

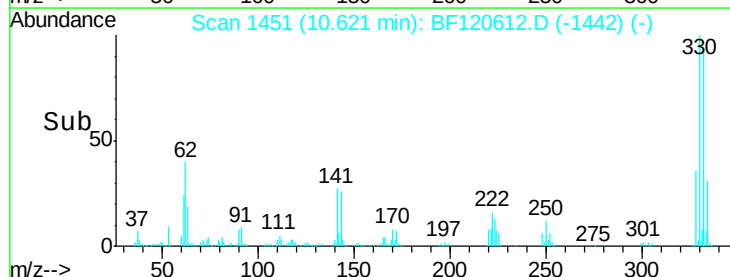


Abundance Ion 248.00 (247.70 to 248.70): E

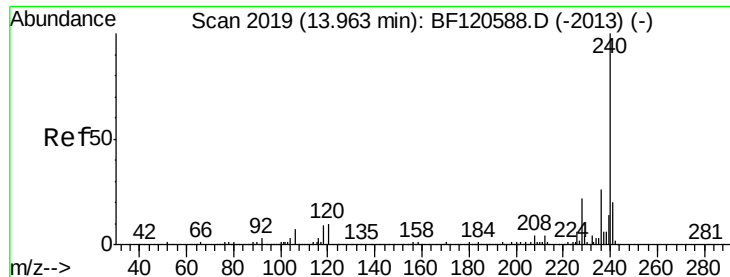
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



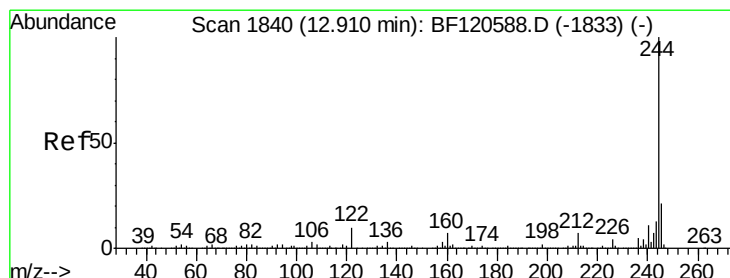
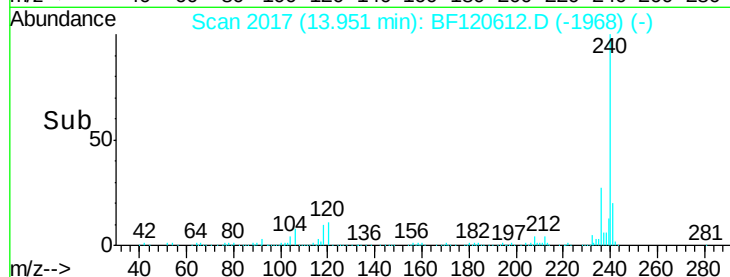
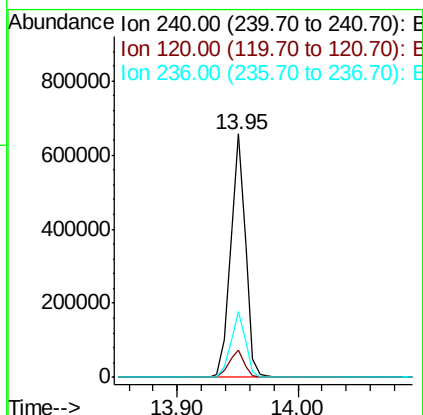
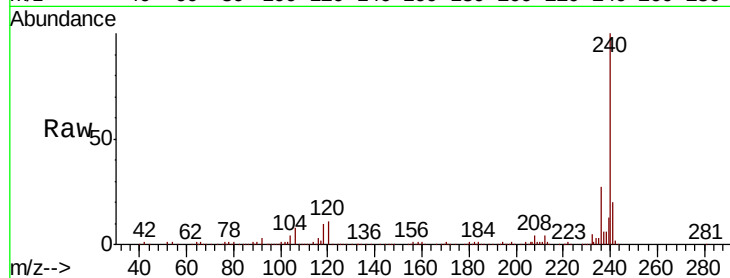
Time-->



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF120612.D
 Acq: 12 Jun 2020 14:44

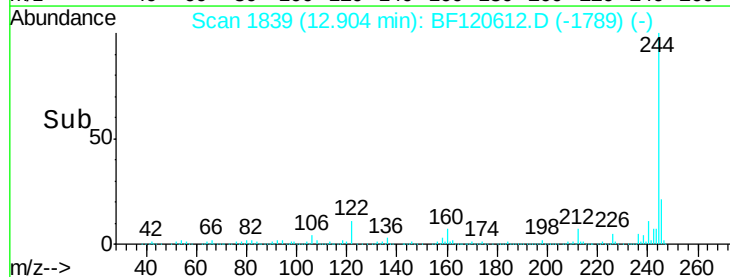
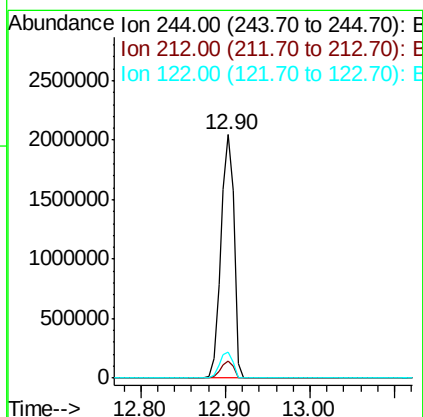
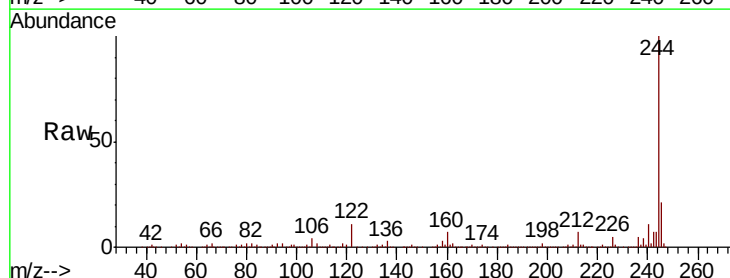
Instrument :
 BNA_F
 ClientSampleId :
 PB129506BL

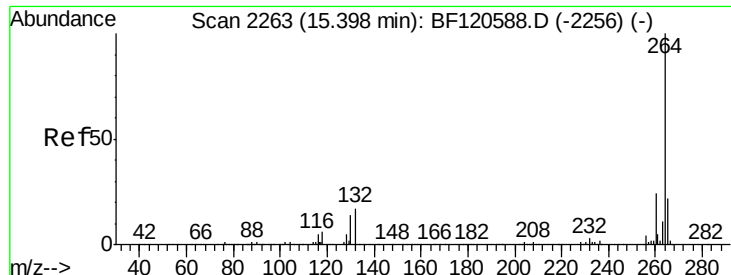
Tot Ion:240 Resp: 562082
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.3 12.5
 236 26.9 21.0 31.4



#79
 Terphenyl-d14
 Concen: 87.909 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF120612.D
 Acq: 12 Jun 2020 14:44

Tgt Ion:244 Resp: 2236981
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 10.9 8.3 12.5

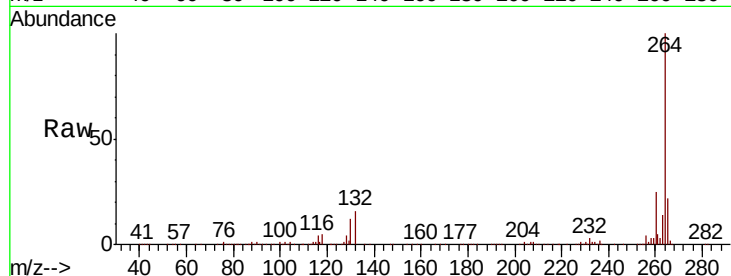




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF120612.D
Acq: 12 Jun 2020 14:44

Instrument :
BNA_F
ClientSampleId :
PB129506BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	22.2	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

