

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061520\
 Data File : BF120621.D
 Acq On : 15 Jun 2020 15:26
 Operator : JU/CG
 Sample : PB129539BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129539BL

Quant Time: Jun 15 16:02:56 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

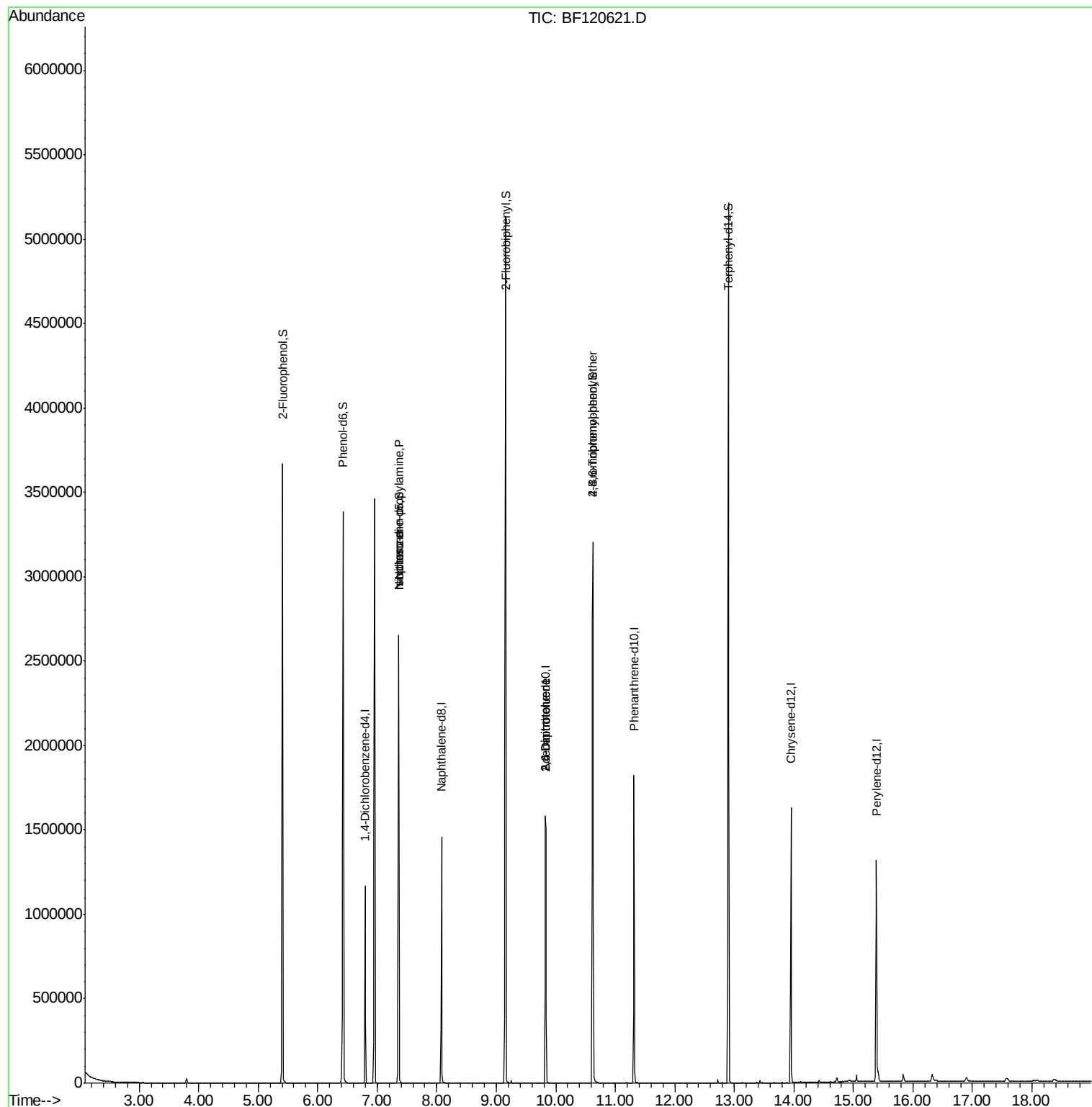
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	166029	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	643966	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	336955	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	661124	20.00	ng	0.00
76) Chrysene-d12	13.95	240	577268	20.00	ng	-0.01
86) Perylene-d12	15.39	264	616413	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1116398	115.28	ng	0.00
7) Phenol-d6	6.43	99	1414026	117.23	ng	-0.01
23) Nitrobenzene-d5	7.36	82	896911	77.85	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	441442	112.68	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1660538	75.40	ng	0.00
79) Terphenyl-d14	12.90	244	2082590	79.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	118995	17.008	ng	# 76
25) Isophorone	7.36	82	893838	39.829	ng	# 62
51) 2,6-Dinitrotoluene	9.83	165	43568	7.922	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	43568	5.970	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	25750	3.432	ng	# 1

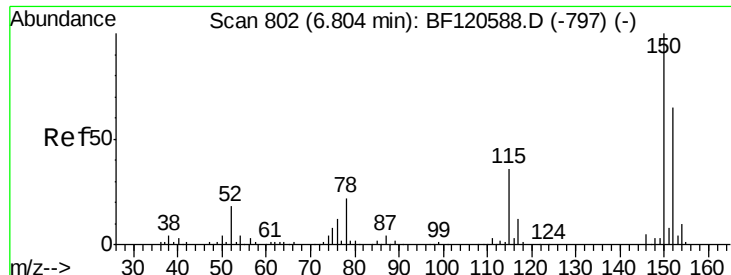
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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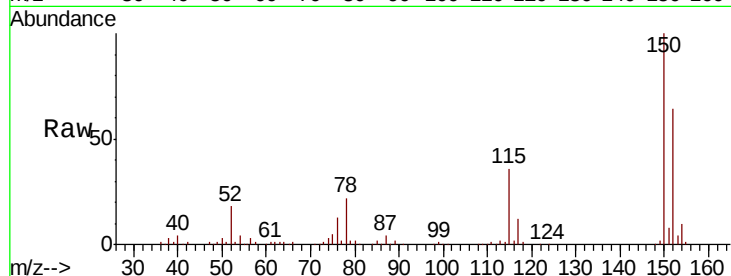


#1

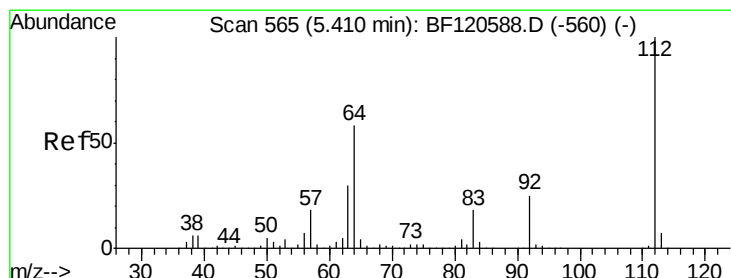
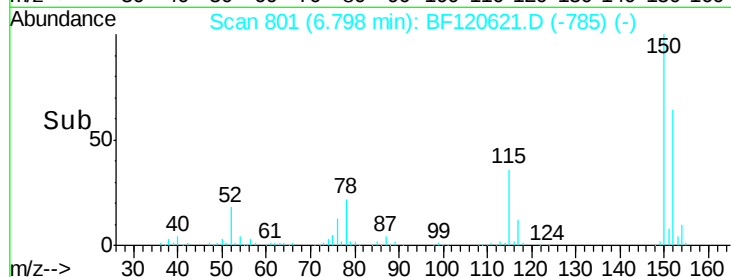
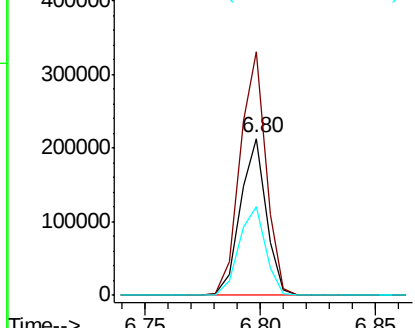
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120621.D
Acq: 15 Jun 2020 15:26

Instrument :
BNA_F
ClientSampleId :
PB129539BL

Tot Ion:152 Resp: 166029
Ion Ratio Lower Upper
152 100
150 155.5 123.2 184.8
115 56.3 43.9 65.9



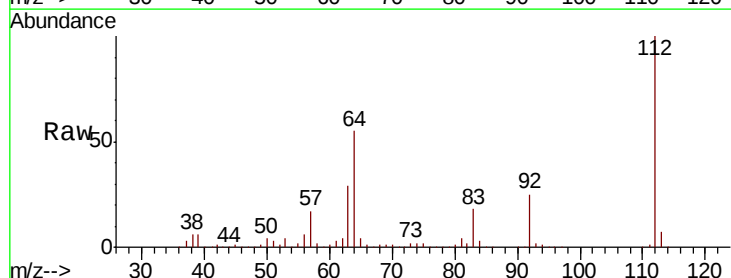
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



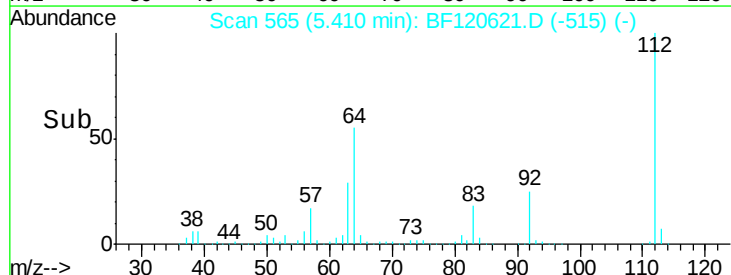
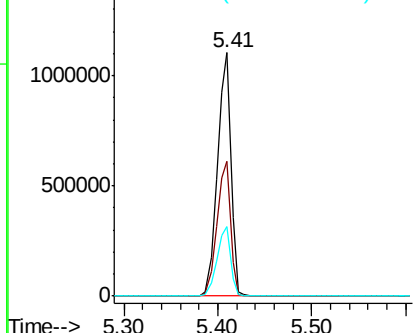
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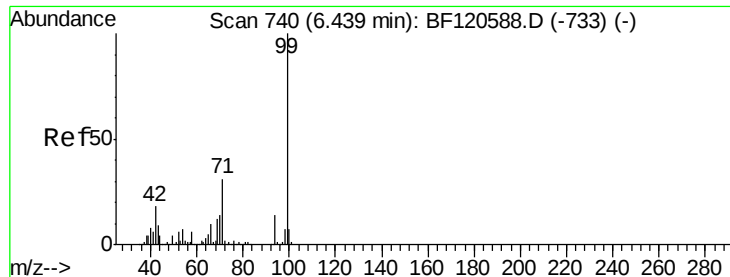
2-Fluorophenol
Concen: 115.282 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120621.D
Acq: 15 Jun 2020 15:26

Tgt Ion:112 Resp: 1116398
Ion Ratio Lower Upper
112 100
64 55.3 46.1 69.1
63 28.5 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: 117.235 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120621.D

Acq: 15 Jun 2020 15:26

Instrument :

BNA_F

ClientSampleId :

PB129539BL

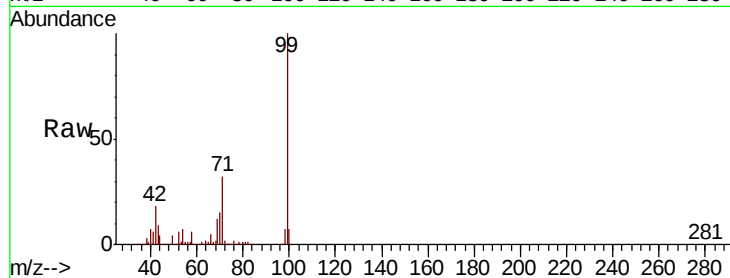
Tot Ion: 99 Resp: 1414026

Ion Ratio Lower Upper

99 100

42 18.2 14.0 21.0

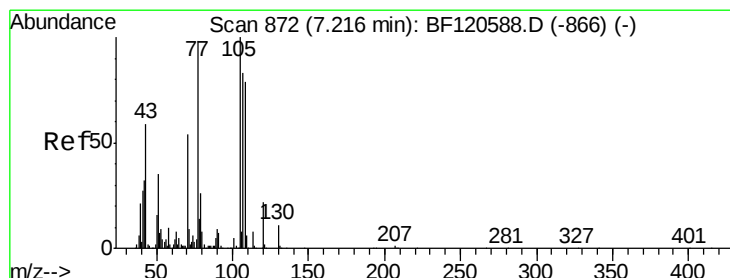
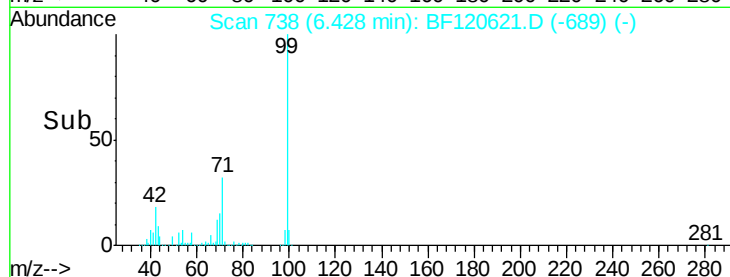
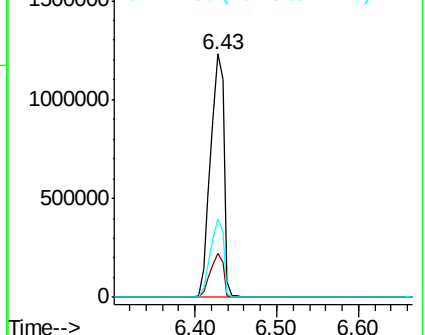
71 32.4 24.9 37.3



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: 17.008 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF120621.D

Acq: 15 Jun 2020 15:26

Tgt Ion: 70 Resp: 118995

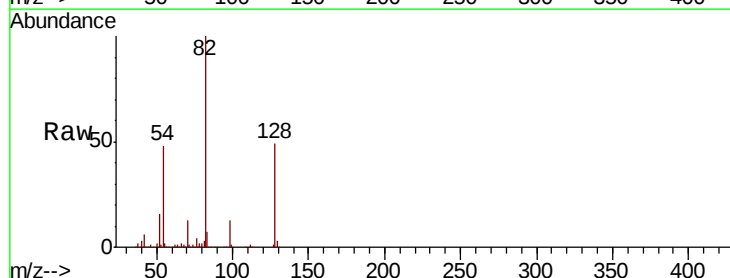
Ion Ratio Lower Upper

70 100

42 45.8 47.7 71.5#

101 0.0 7.6 11.4#

130 2.3 16.7 25.1#

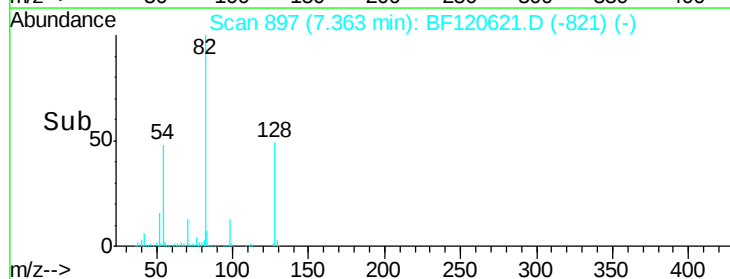
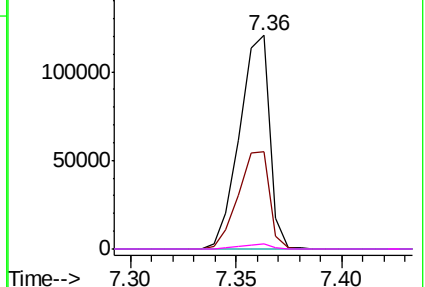


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

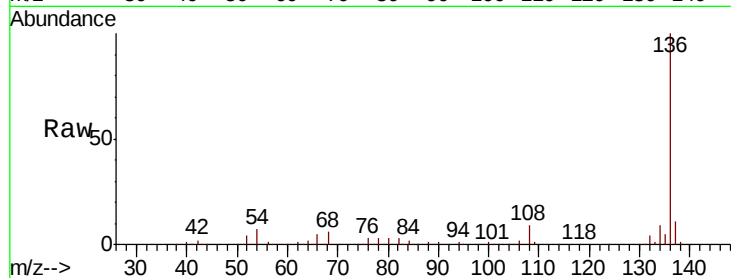




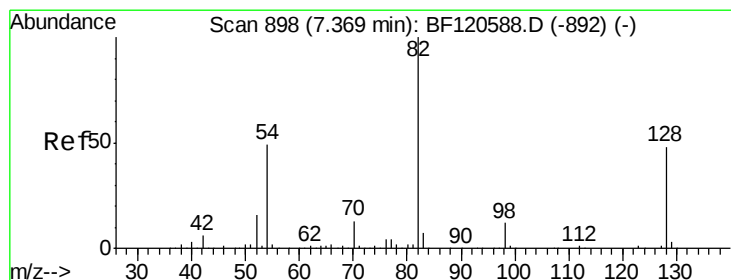
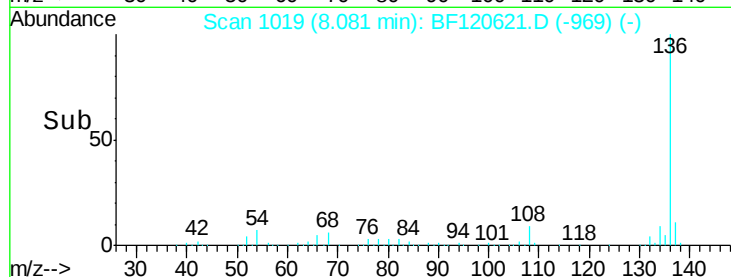
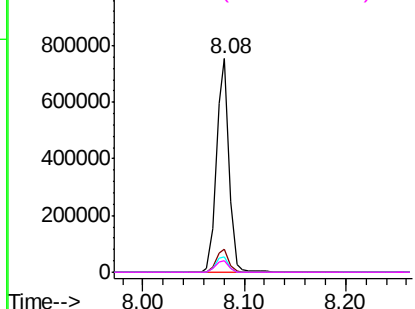
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120621.D
Acq: 15 Jun 2020 15:26

Instrument :
BNA_F
ClientSampleId :
PB129539BL

Tot Ion:136	Resp: 643966
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 7.2	5.8 8.6
68 5.5	4.4 6.6

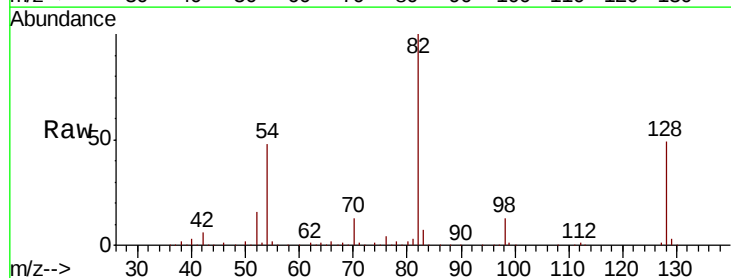


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

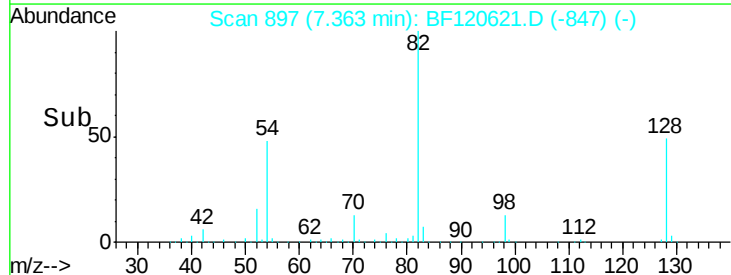
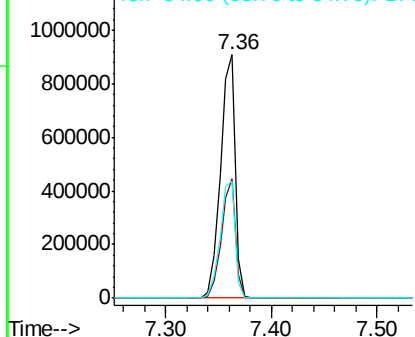


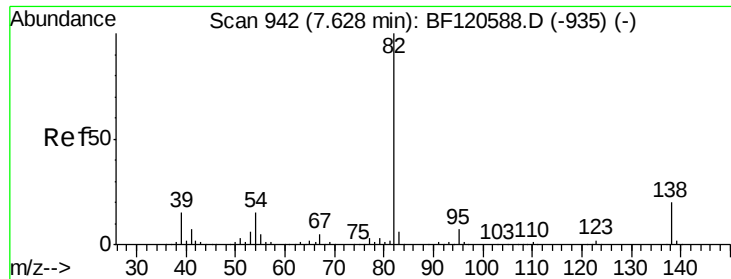
#23
Nitrobenzene-d5
Concen: 77.852 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120621.D
Acq: 15 Jun 2020 15:26

Tgt Ion: 82	Resp: 896911
Ion Ratio	Lower Upper
82 100	
128 49.2	38.0 57.0
54 48.2	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

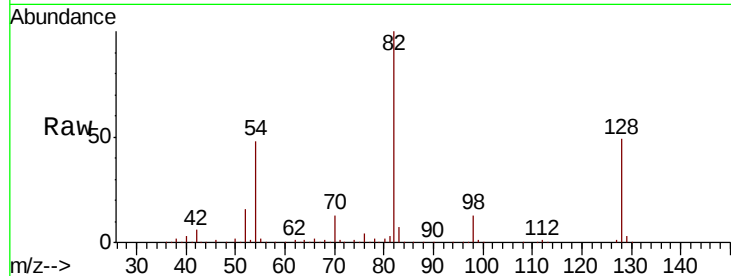




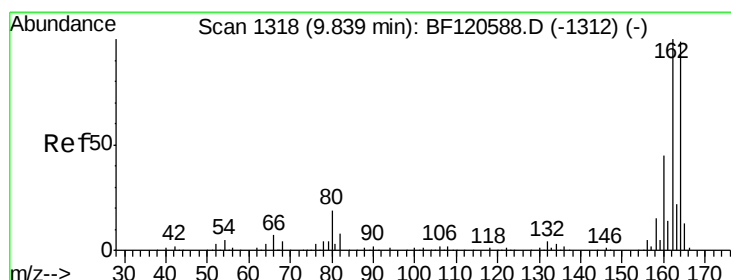
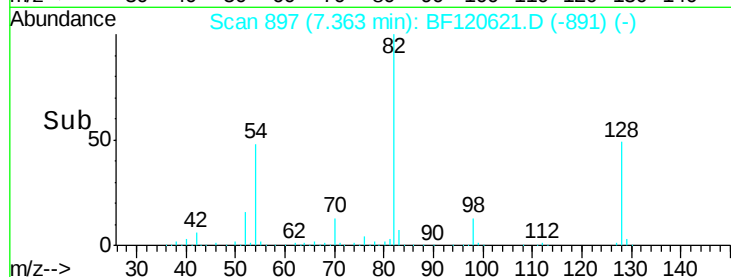
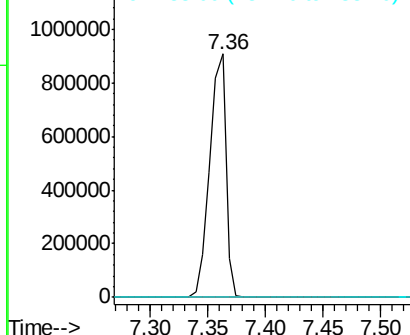
#25
Isophorone
Concen: 39.829 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF120621.D
Acq: 15 Jun 2020 15:26

Instrument :
BNA_F
ClientSampleId :
PB129539BL

Tot Ion: 82 Resp: 893838
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 16.2 24.4#

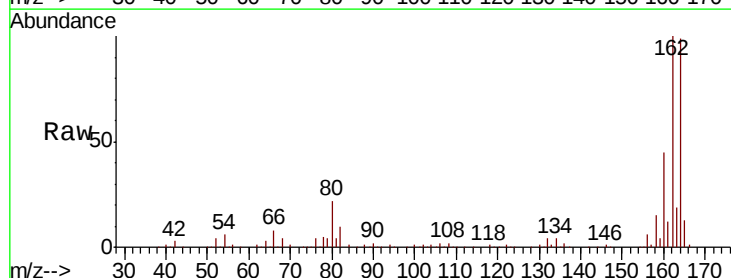


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

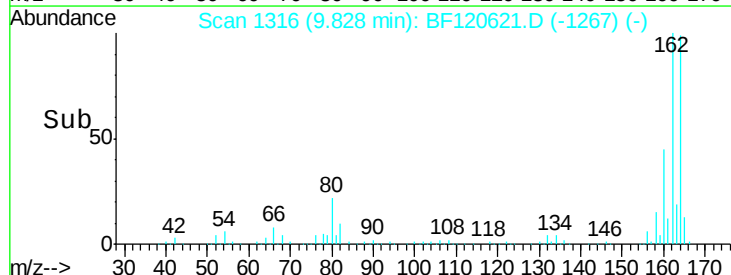
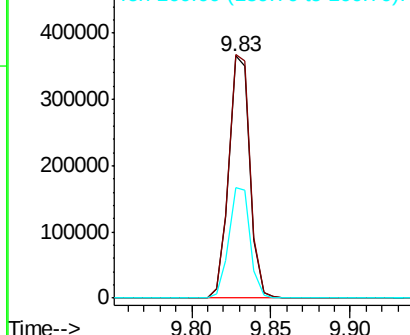


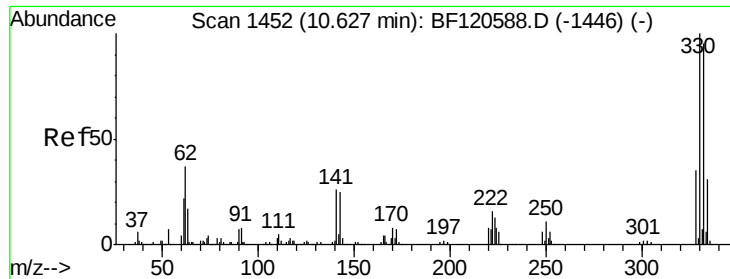
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF120621.D
Acq: 15 Jun 2020 15:26

Tgt Ion: 164 Resp: 336955
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 45.5 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

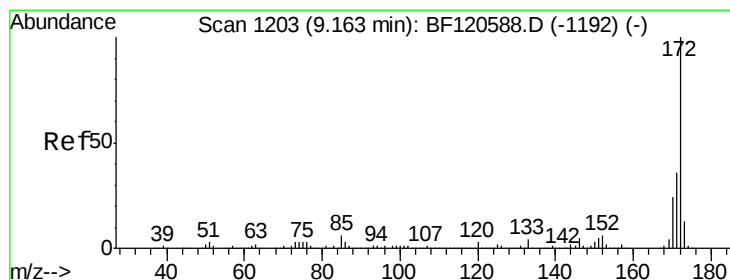
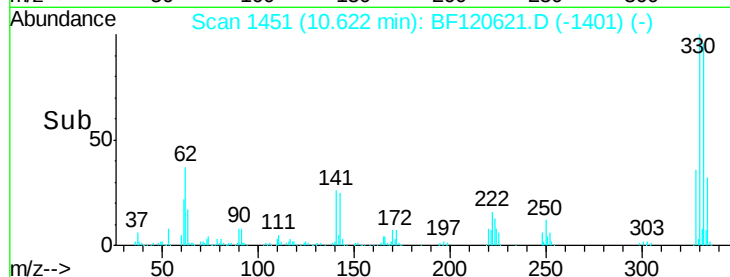
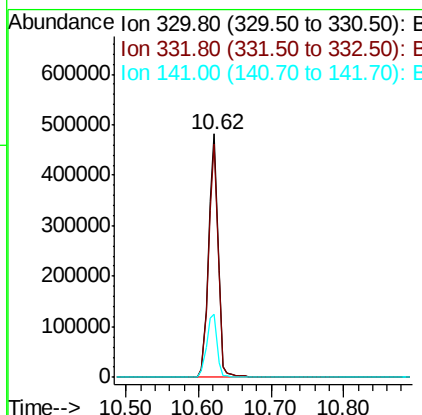
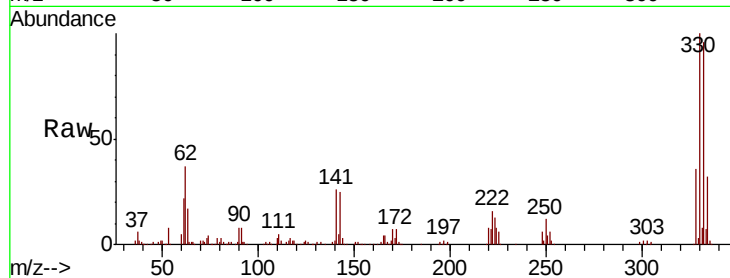




#42
 2,4,6-Tribromophenol
 Concen: 112.683 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120621.D
 Acq: 15 Jun 2020 15:26

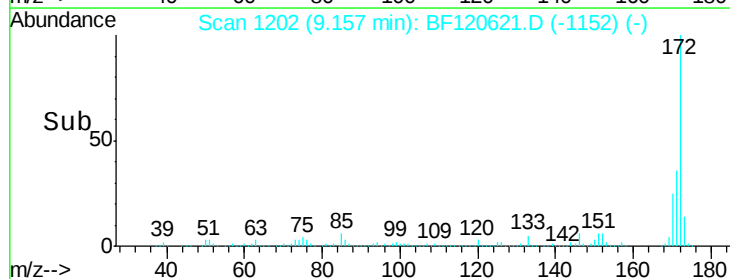
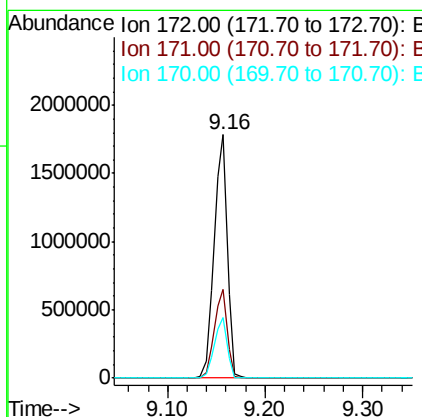
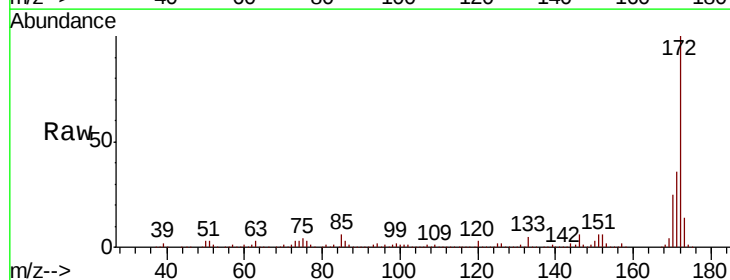
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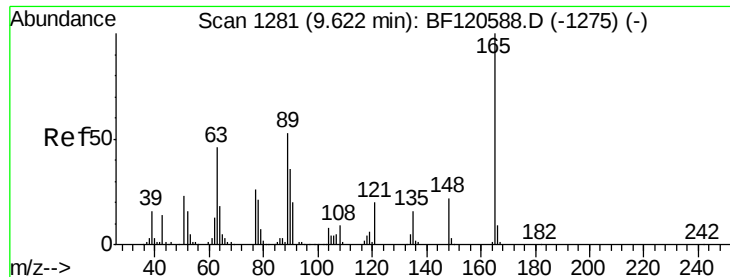
Tot Ion:330 Resp: 441442
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 28.7 23.2 34.8



#45
 2-Fluorobiphenyl
 Concen: 75.399 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120621.D
 Acq: 15 Jun 2020 15:26

Tgt Ion:172 Resp: 1660538
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.4
 170 25.0 19.4 29.2

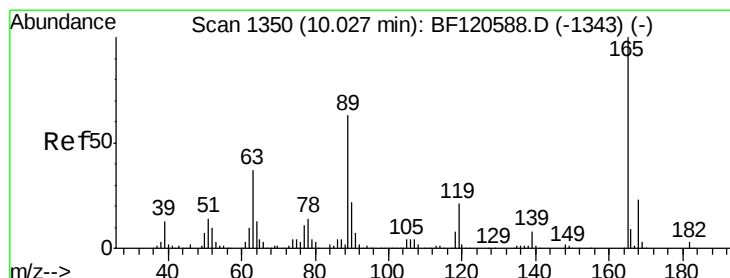
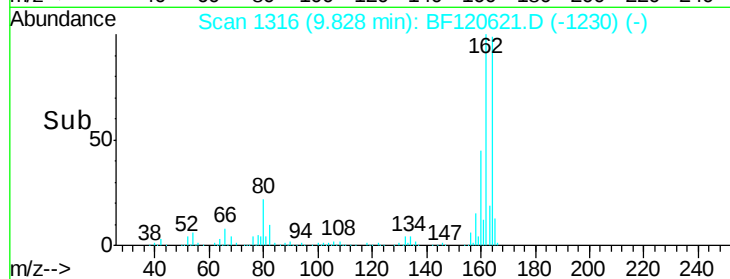
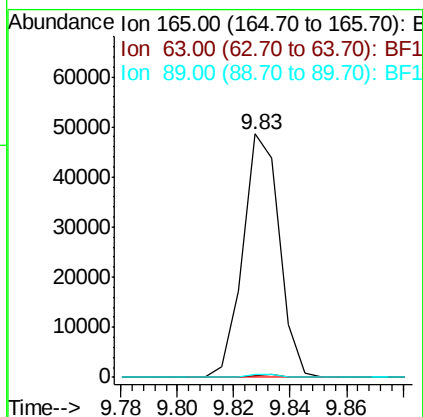
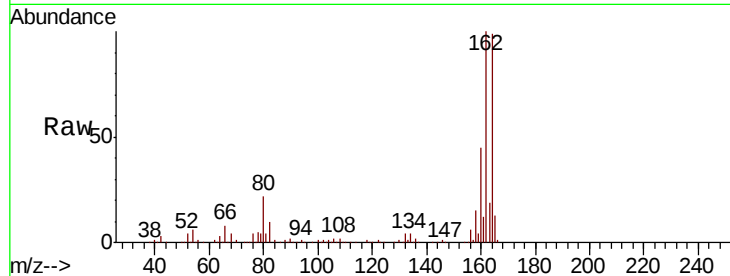




#51
 2,6-Dinitrotoluene
 Concen: 7.922 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF120621.D
 Acq: 15 Jun 2020 15:26

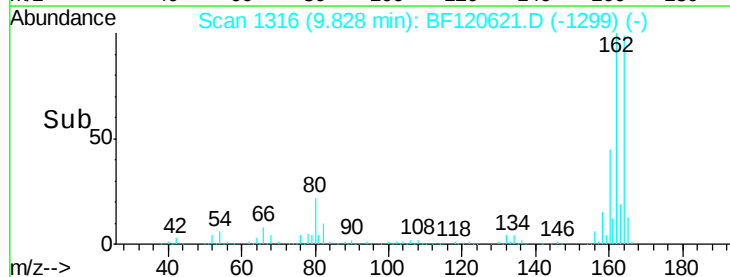
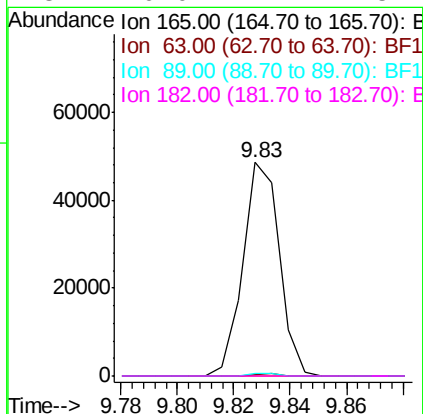
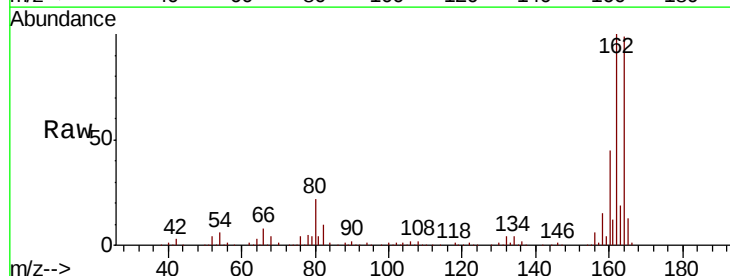
Instrument :
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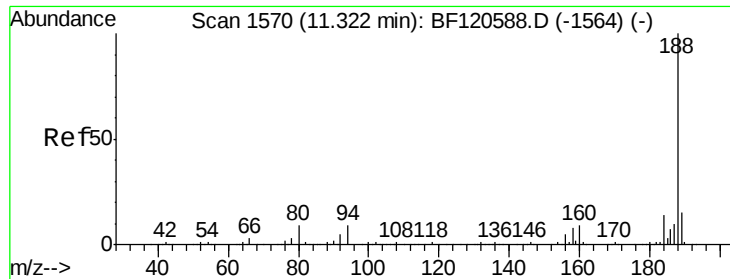
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	41.7	62.5#
89	1.1	42.6	64.0#



#57
 2,4-Dinitrotoluene
 Concen: 5.970 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.20 min
 Lab File: BF120621.D
 Acq: 15 Jun 2020 15:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	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: BF120621.D

Acq: 15 Jun 2020 15:26

Instrument :

BNA_F

ClientSampleId :

PB129539BL

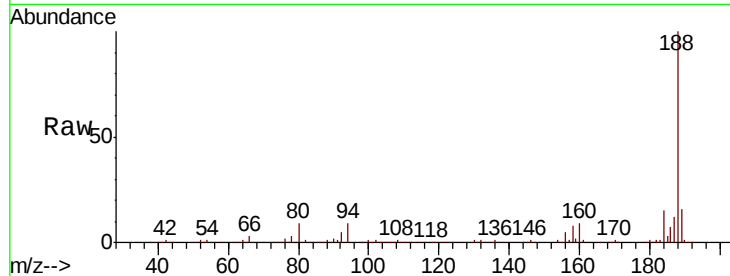
Tot Ion:188 Resp: 661124

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

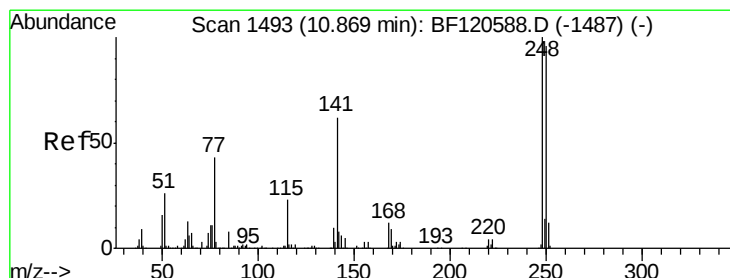
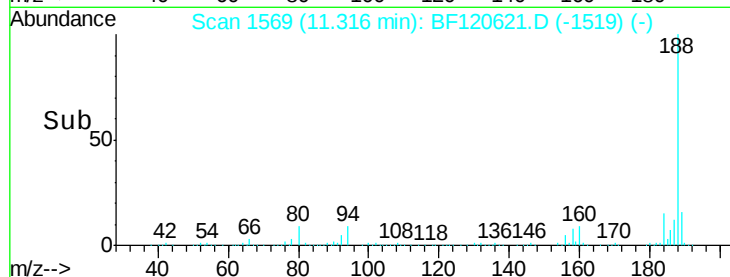
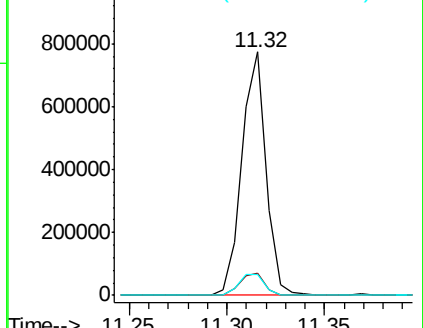
80 8.9 7.4 11.2



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: 3.432 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BF120621.D

Acq: 15 Jun 2020 15:26

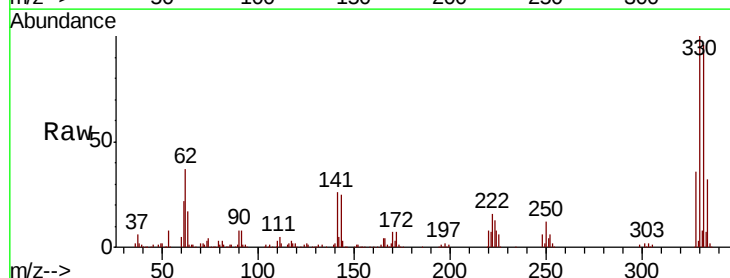
Tgt Ion:248 Resp: 25750

Ion Ratio Lower Upper

248 100

250 206.9 76.7 115.1#

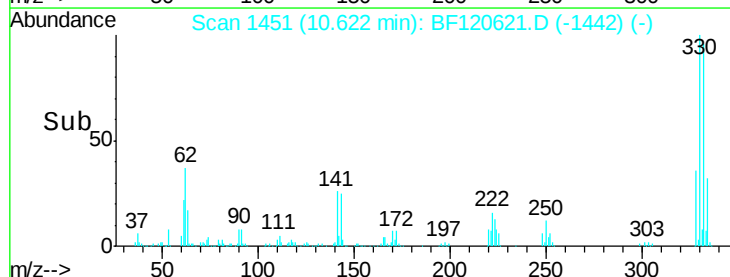
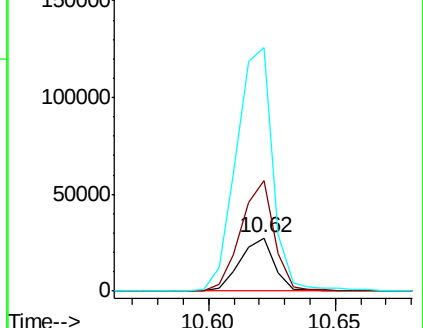
141 457.8 49.4 74.0#

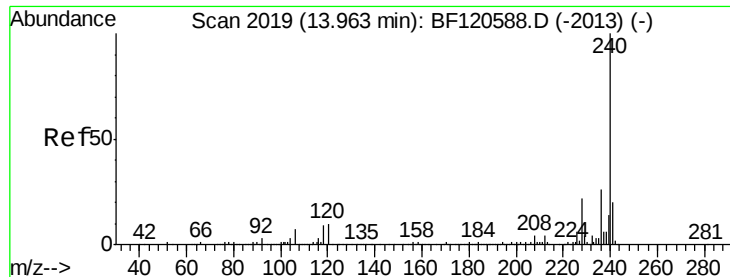


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

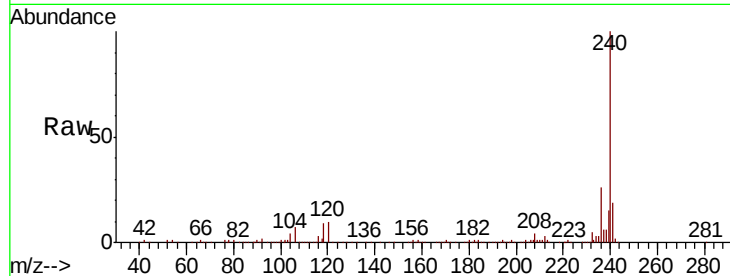




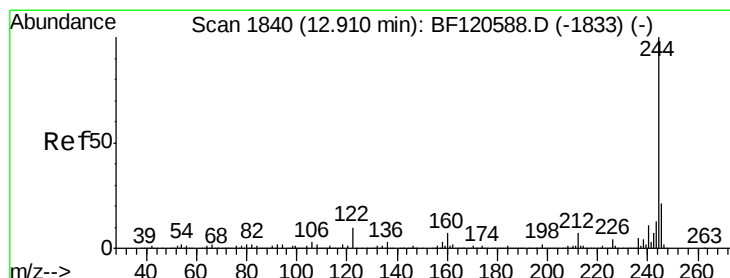
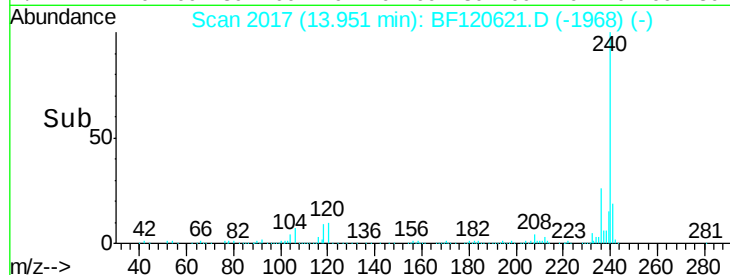
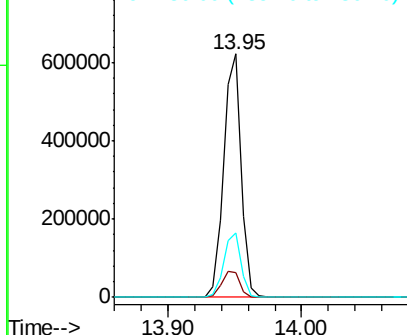
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF120621.D
 Acq: 15 Jun 2020 15:26

Instrument :
 BNA_F
 ClientSampleId :
 PB129539BL

Tot Ion:240 Resp: 577268
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.3 12.5
 236 26.3 21.0 31.4

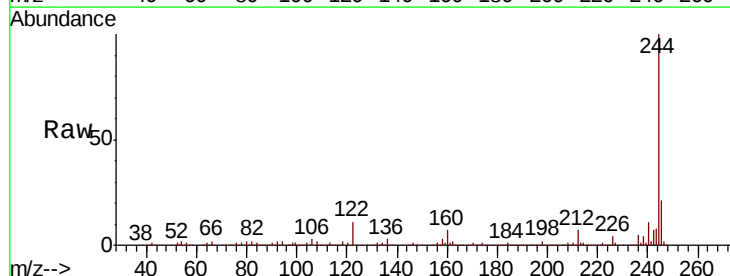


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

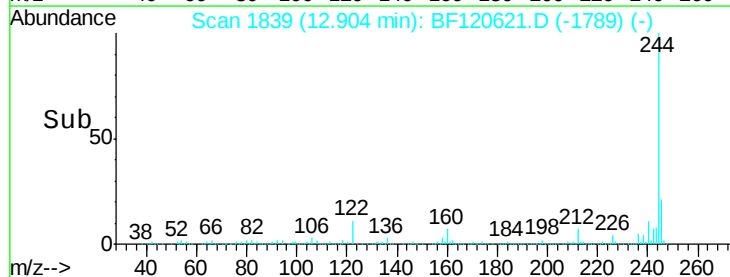
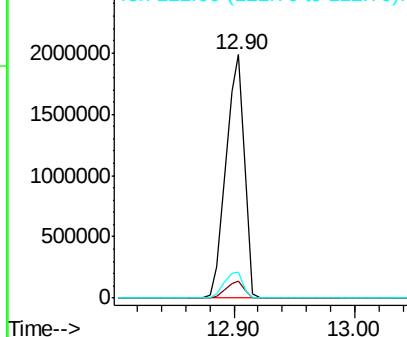


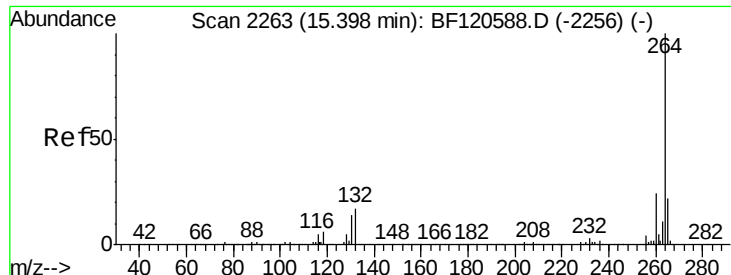
#79
 Terphenyl-d14
 Concen: 79.689 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF120621.D
 Acq: 15 Jun 2020 15:26

Tgt Ion:244 Resp: 2082590
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.6 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: 15.39 min Scan# 2261
 Delta R.T. -0.01 min
 Lab File: BF120621.D
 Acq: 15 Jun 2020 15:26

Instrument :
 BNA_F
 ClientSampleId :
 PB129539BL

Tot Ion: 264 Resp: 616413
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.3 28.9
 265 21.7 17.8 26.8

