

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120716.D
 Acq On : 26 Jun 2020 18:39
 Operator : JU/CG
 Sample : L2811-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620

Quant Time: Jun 27 00:46:57 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

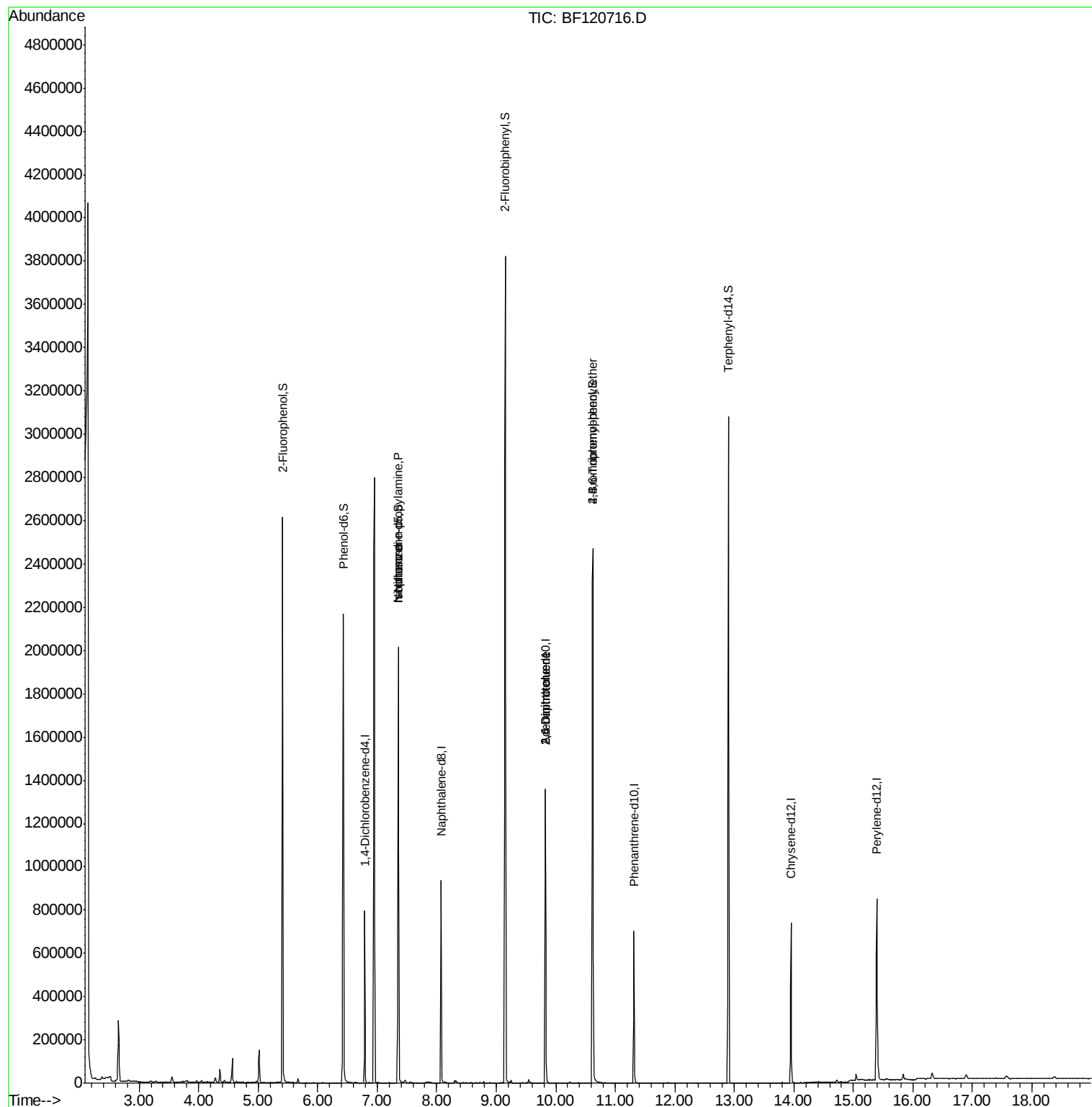
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	115640	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	436868	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	276202	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	302630	20.00	ng	-0.01
76) Chrysene-d12	13.95	240	268899	20.00	ng	-0.01
86) Perylene-d12	15.39	264	427553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	787372	116.73	ng	0.00
7) Phenol-d6	6.43	99	889293	105.86	ng	0.00
23) Nitrobenzene-d5	7.36	82	695608	89.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	365512	113.82	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1282247	71.03	ng	-0.01
79) Terphenyl-d14	12.90	244	1231436	101.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	91631	18.804	ng	# 78
25) Isophorone	7.36	82	691159	45.398	ng	# 62
51) 2,6-Dinitrotoluene	9.83	165	34889	7.739	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	34889	5.832	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	21914	6.380	ng	# 1

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

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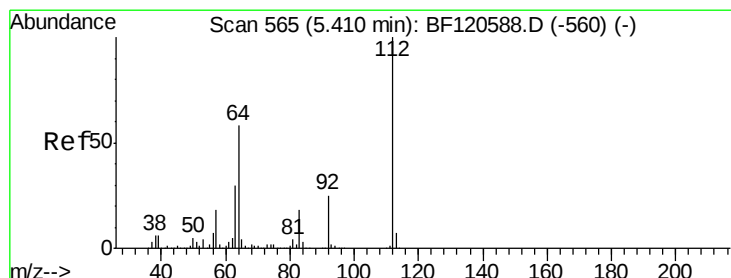
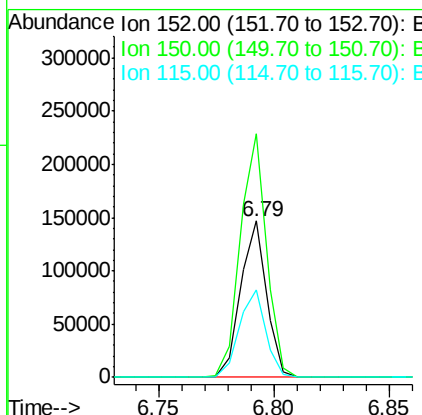
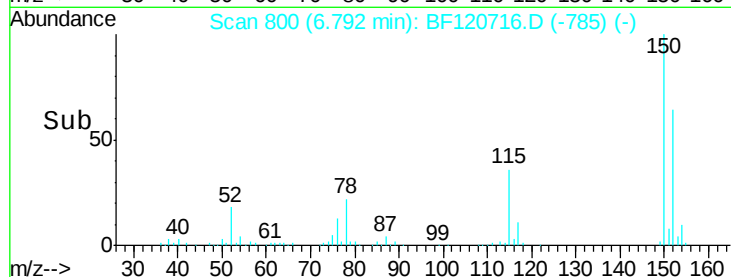
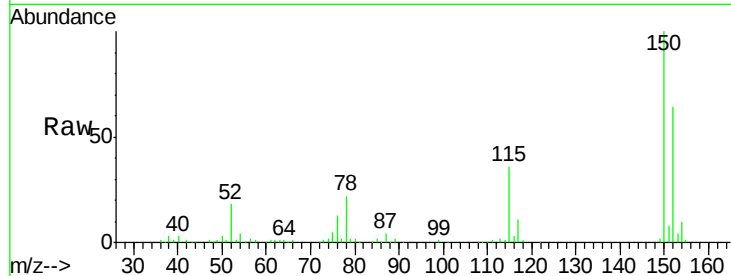




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF120716.D
 Acq: 26 Jun 2020 18:39

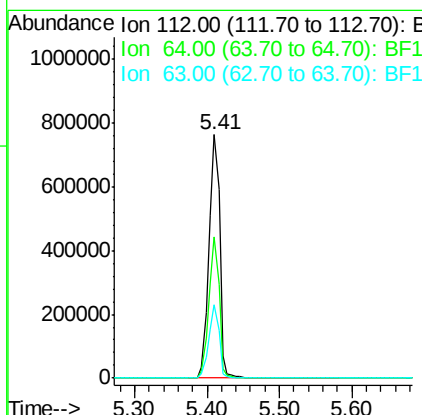
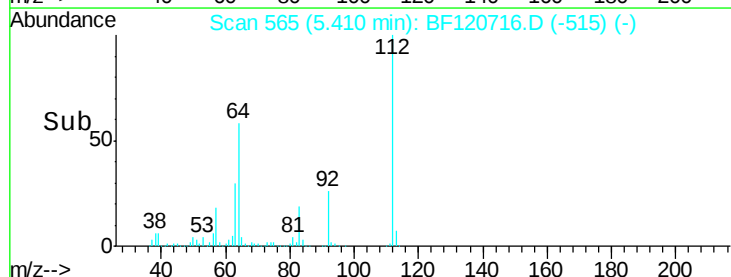
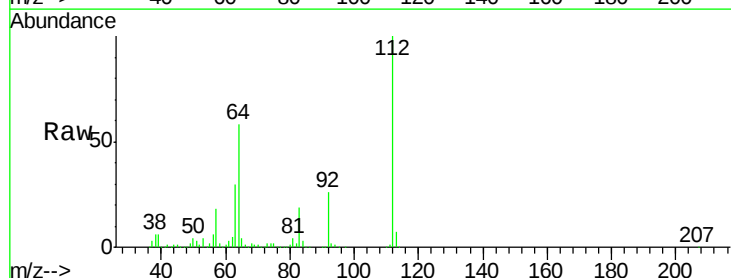
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620

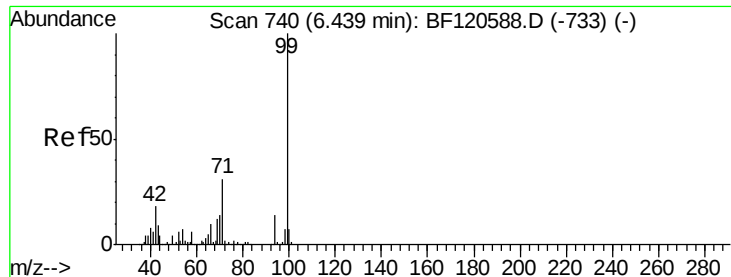
Tot Ion:152 Resp: 115640
 Ion Ratio Lower Upper
 152 100
 150 155.7 123.2 184.8
 115 56.2 43.9 65.9



#5
 2-Fluorophenol
 Concen: 116.734 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF120716.D
 Acq: 26 Jun 2020 18:39

Tgt Ion:112 Resp: 787372
 Ion Ratio Lower Upper
 112 100
 64 58.1 46.1 69.1
 63 29.9 23.7 35.5





#7

Phenol-d6

Concen: 105.857 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120716.D

Acq: 26 Jun 2020 18:39

Instrument :

BNA_F

ClientSampleId :

NB-08-061620

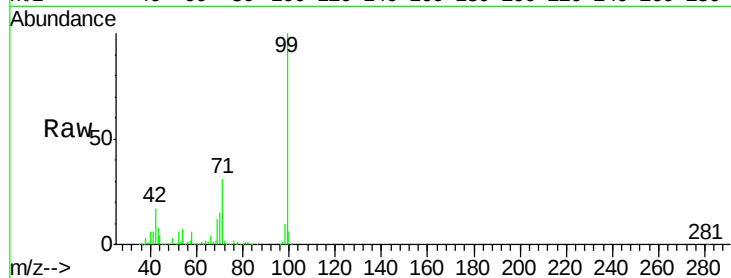
Tot Ion: 99 Resp: 889293

Ion Ratio Lower Upper

99 100

42 16.6 14.0 21.0

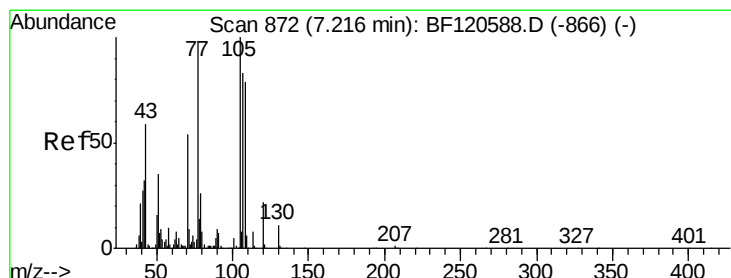
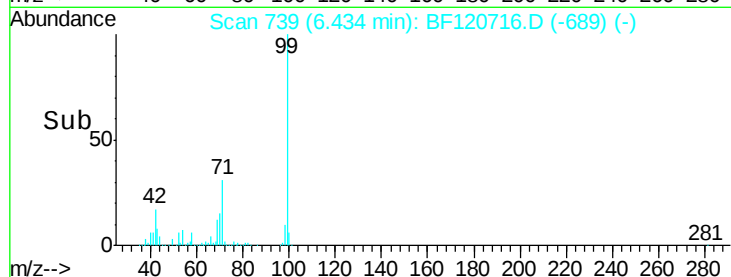
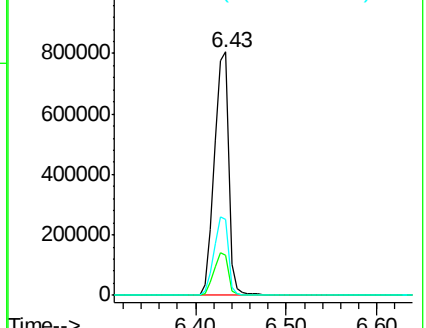
71 31.3 24.9 37.3



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: 18.804 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120716.D

Acq: 26 Jun 2020 18:39

Tgt Ion: 70 Resp: 91631

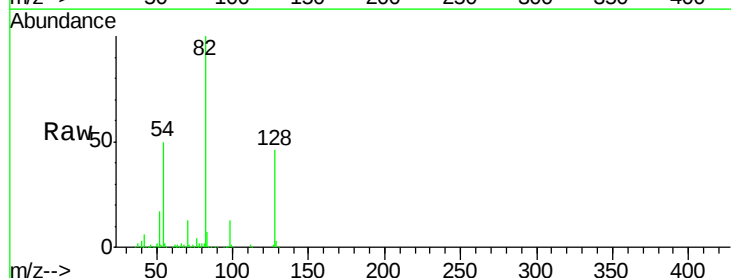
Ion Ratio Lower Upper

70 100

42 47.7 47.7 71.5

101 0.0 7.6 11.4#

130 2.2 16.7 25.1#

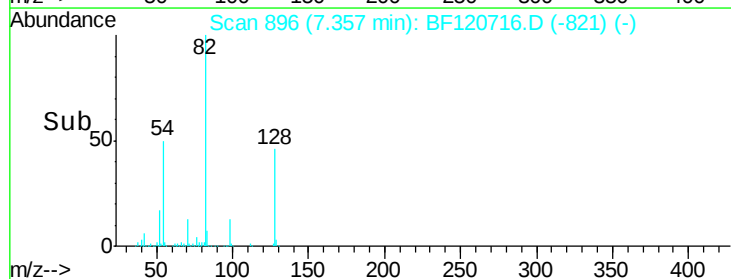
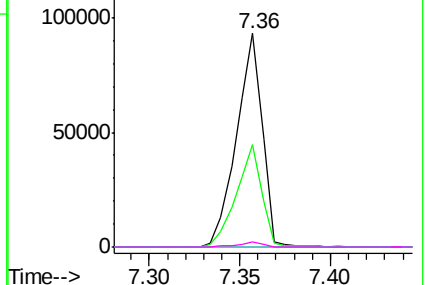


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

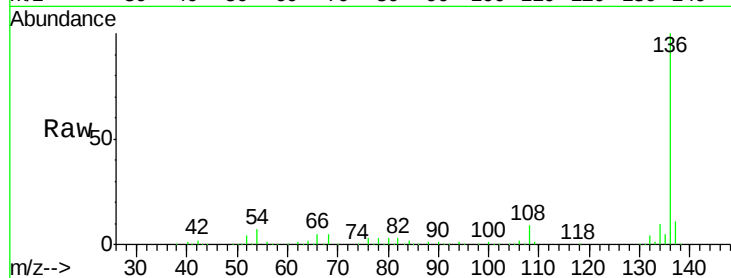




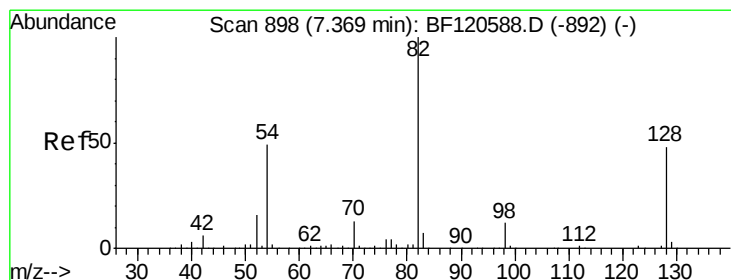
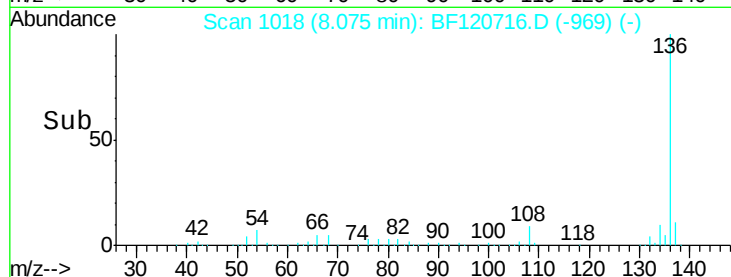
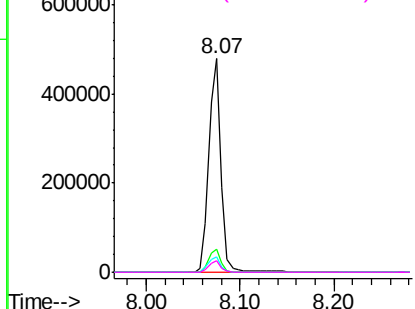
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF120716.D
Acq: 26 Jun 2020 18:39

Instrument :
BNA_F
ClientSampleId :
NB-08-061620

Tot Ion:136 Resp: 436868
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.3 5.8 8.6
68 5.3 4.4 6.6

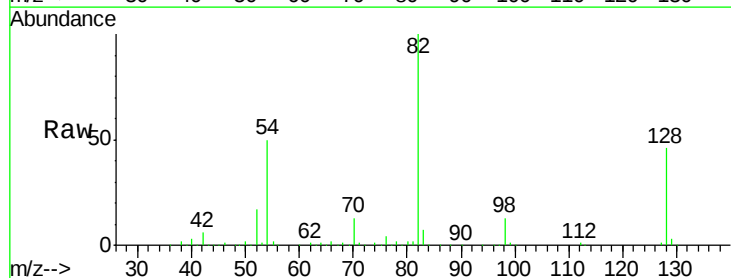


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

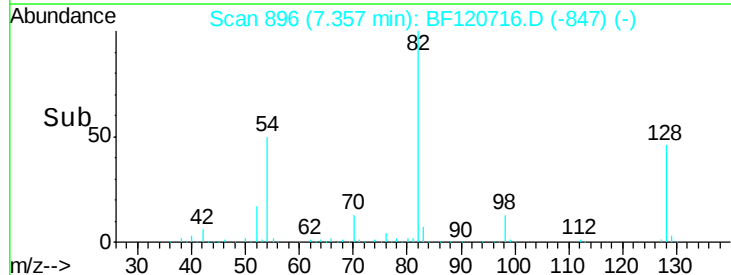
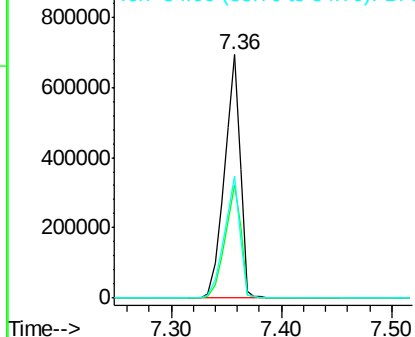


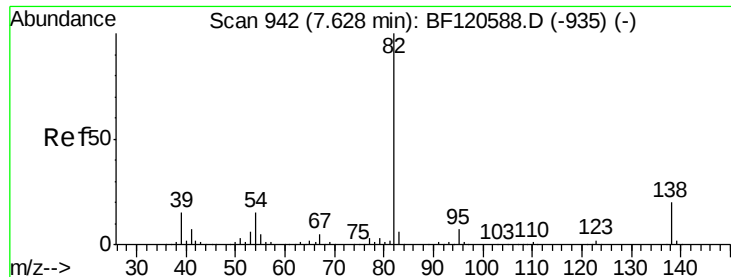
#23
Nitrobenzene-d5
Concen: 89.002 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120716.D
Acq: 26 Jun 2020 18:39

Tgt Ion: 82 Resp: 695608
Ion Ratio Lower Upper
82 100
128 46.2 38.0 57.0
54 50.0 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

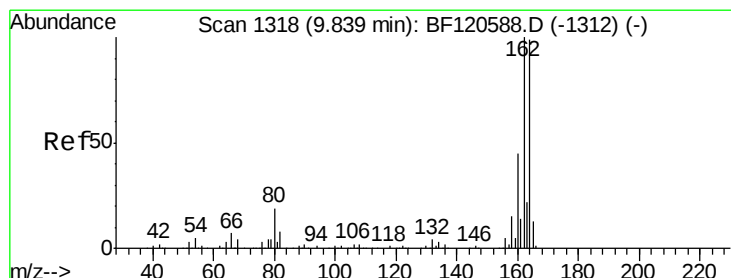
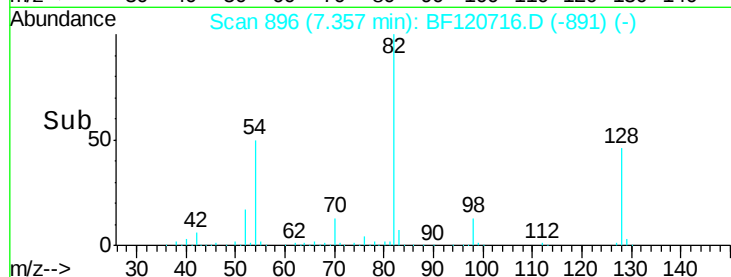
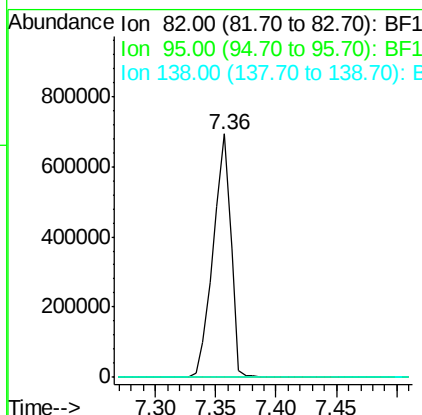
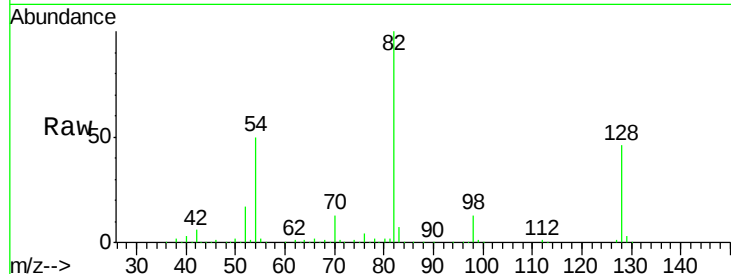




#25
Isophorone
Concen: 45.398 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.27 min
Lab File: BF120716.D
Acq: 26 Jun 2020 18:39

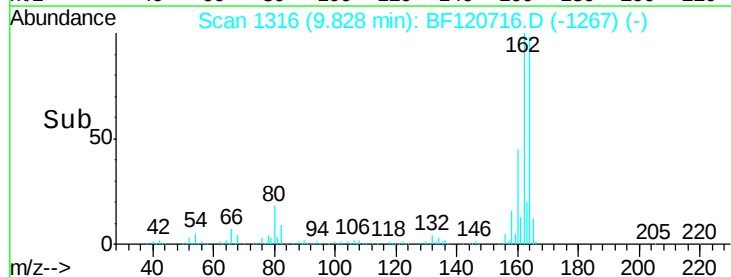
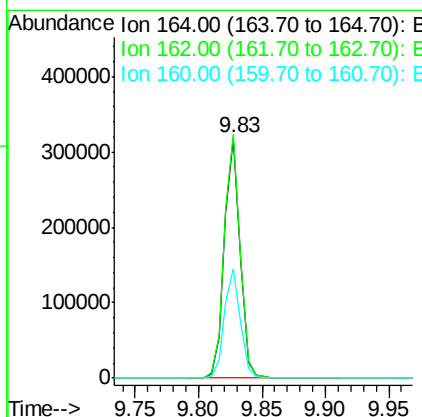
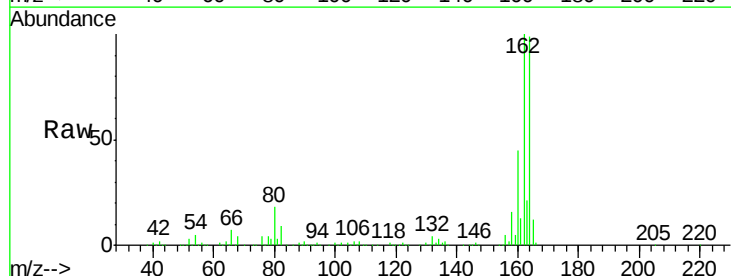
Instrument :
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NB-08-061620

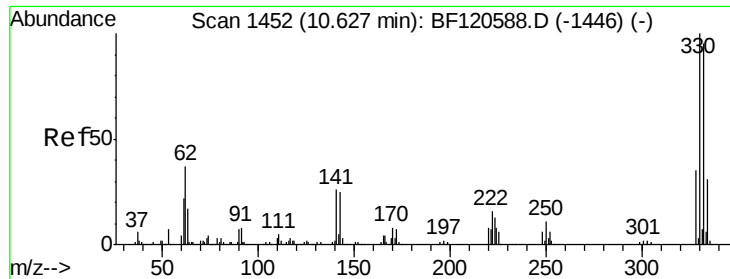
Tot Ion: 82 Resp: 691159
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF120716.D
Acq: 26 Jun 2020 18:39

Tgt Ion: 164 Resp: 276202
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 45.5 36.2 54.2

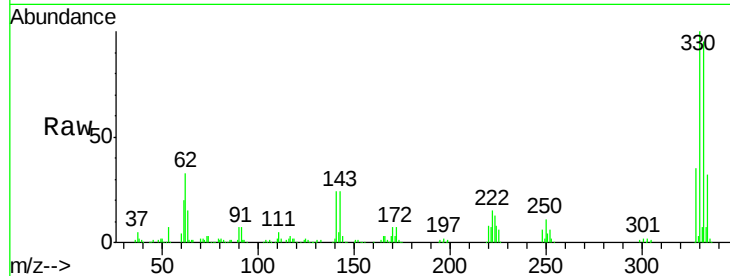




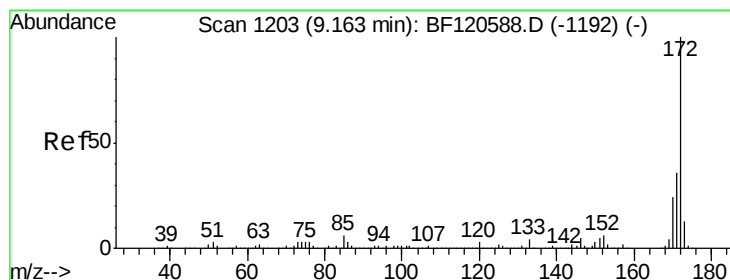
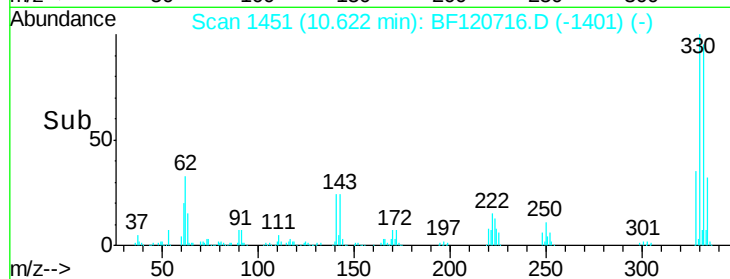
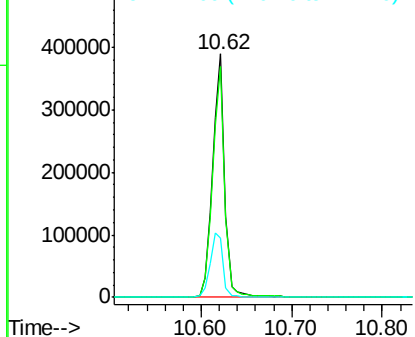
#42
 2,4,6-Tribromophenol
 Concen: 113.823 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120716.D
 Acq: 26 Jun 2020 18:39

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.8	115.2
141	28.8	23.2	34.8

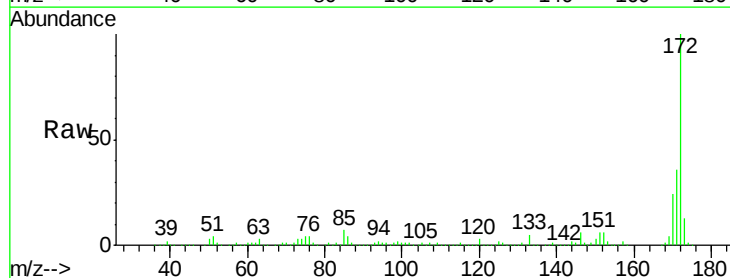


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

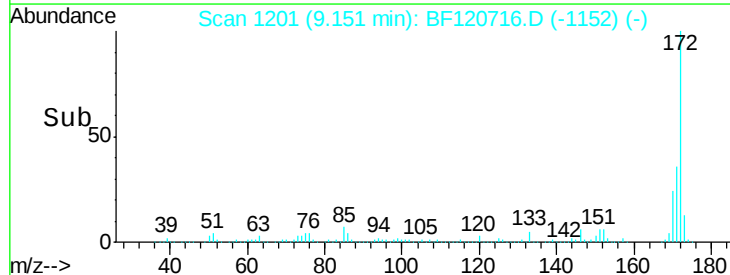
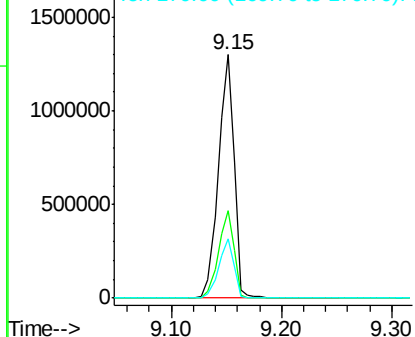


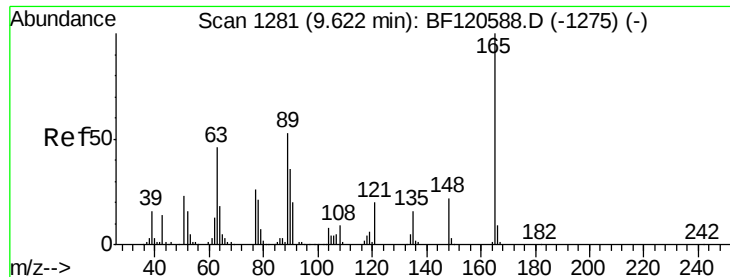
#45
 2-Fluorobiphenyl
 Concen: 71.028 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF120716.D
 Acq: 26 Jun 2020 18:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.2	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

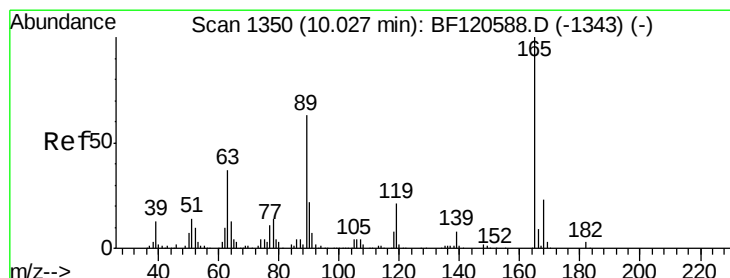
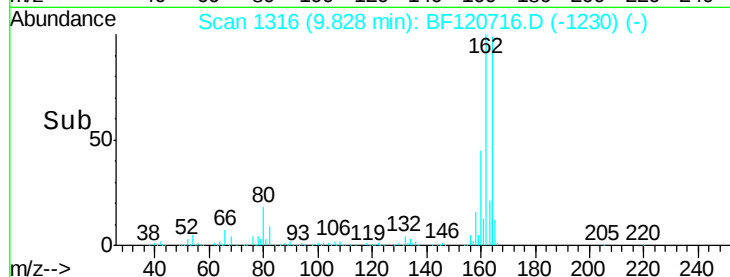
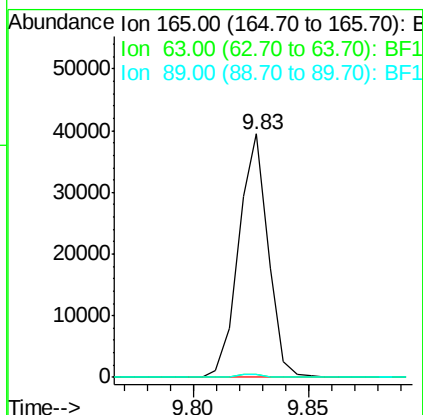
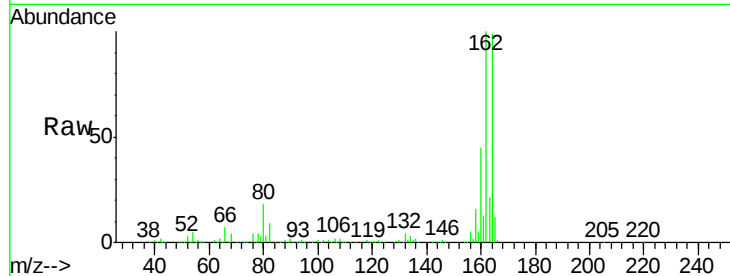




#51
 2,6-Dinitrotoluene
 Concen: 7.739 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF120716.D
 Acq: 26 Jun 2020 18:39

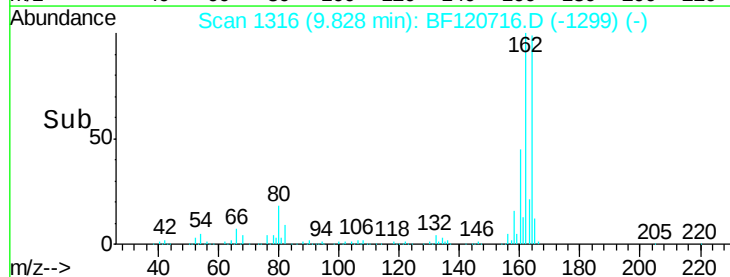
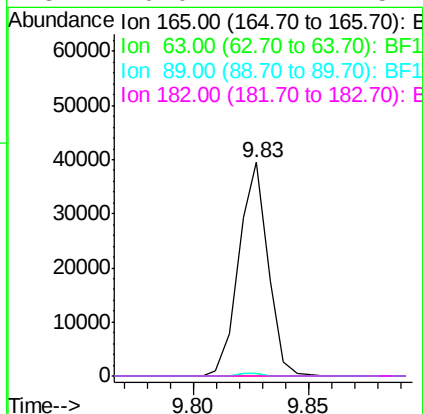
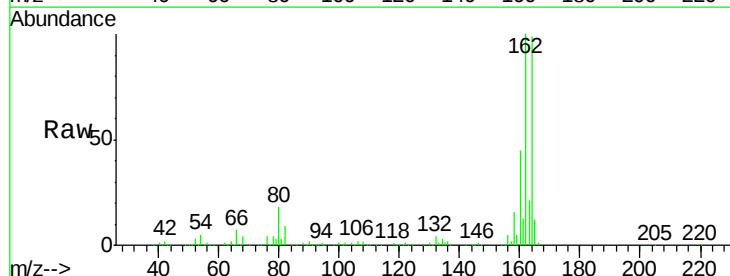
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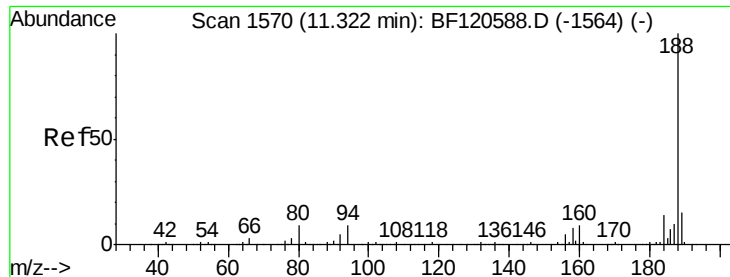
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	41.7	62.5#
89	1.4	42.6	64.0#



#57
 2,4-Dinitrotoluene
 Concen: 5.832 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.20 min
 Lab File: BF120716.D
 Acq: 26 Jun 2020 18:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.8#
89	1.4	50.4	75.6#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF120716.D

Acq: 26 Jun 2020 18:39

Instrument :

BNA_F

ClientSampleId :

NB-08-061620

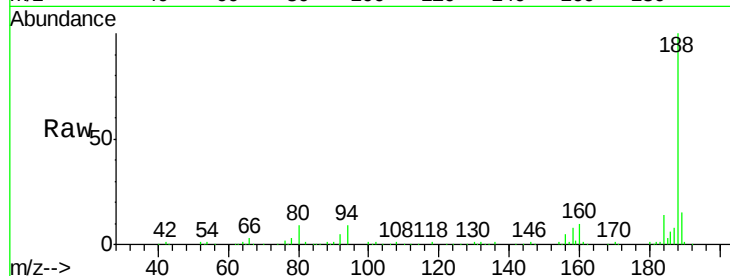
Tot Ion:188 Resp: 302630

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

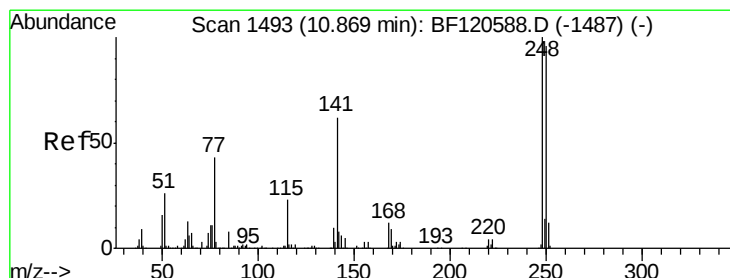
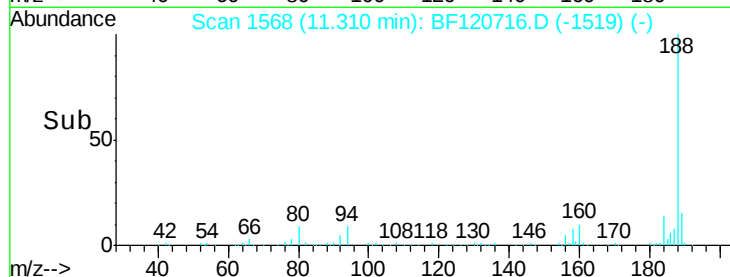
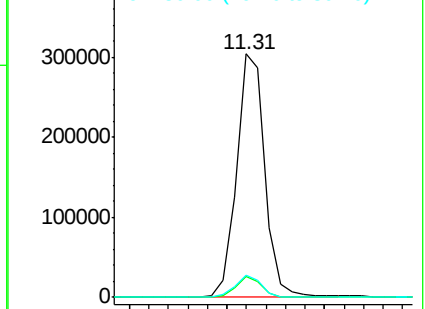
80 9.1 7.4 11.2



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



#67

4-Bromophenyl-phenylether

Concen: 6.380 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BF120716.D

Acq: 26 Jun 2020 18:39

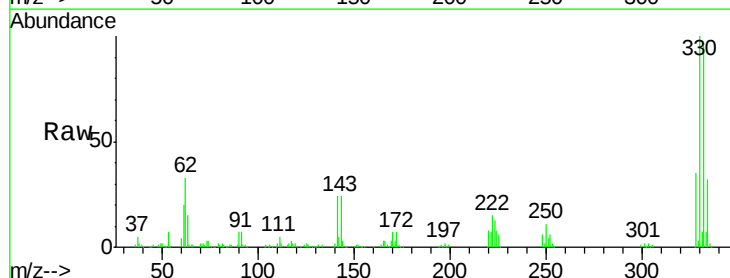
Tgt Ion:248 Resp: 21914

Ion Ratio Lower Upper

248 100

250 197.4 76.7 115.1#

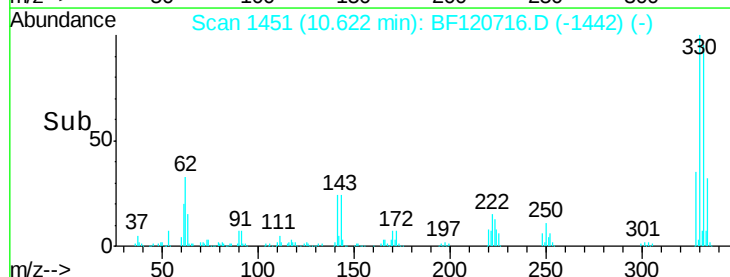
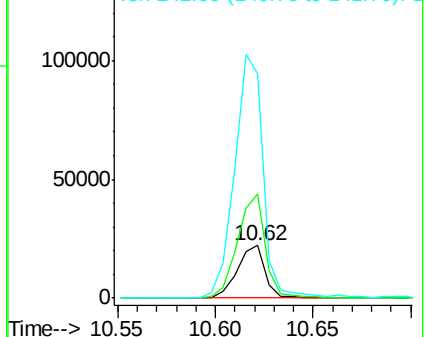
141 425.7 49.4 74.0#

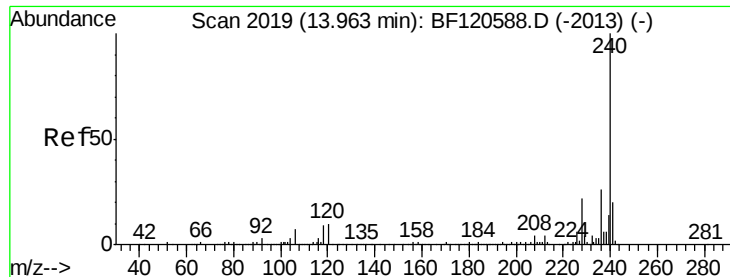


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF120716.D

Acq: 26 Jun 2020 18:39

Instrument :

BNA_F

ClientSampleId :

NB-08-061620

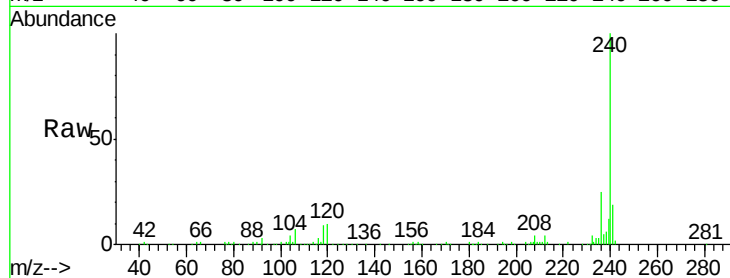
Tot Ion:240 Resp: 268899

Ion Ratio Lower Upper

240 100

120 9.9 8.3 12.5

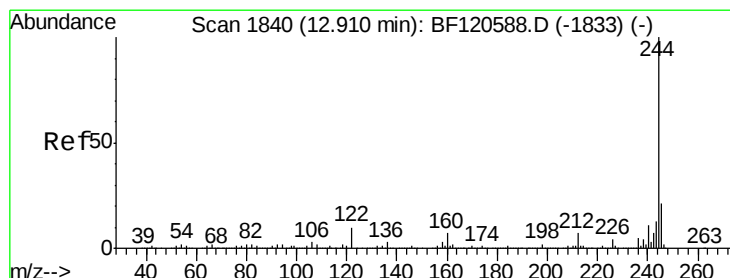
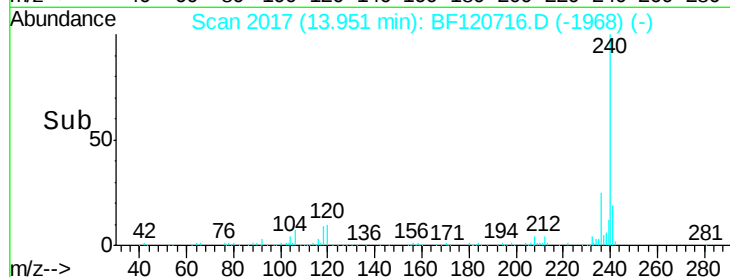
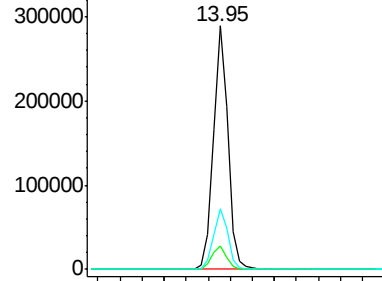
236 25.0 21.0 31.4



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: 101.157 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120716.D

Acq: 26 Jun 2020 18:39

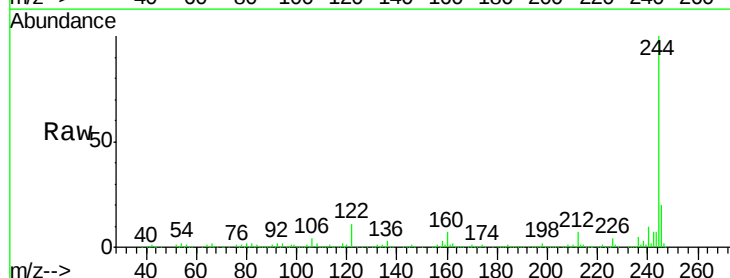
Tgt Ion:244 Resp: 1231436

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

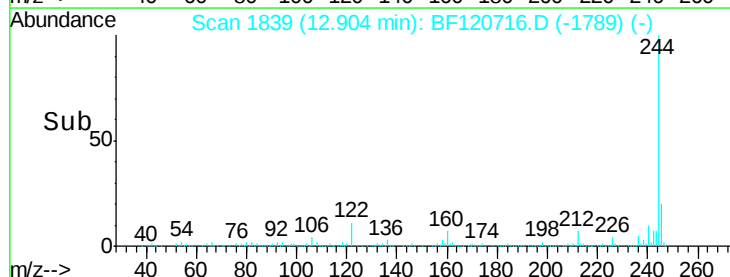
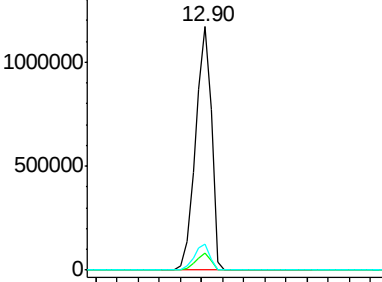
122 10.9 8.3 12.5

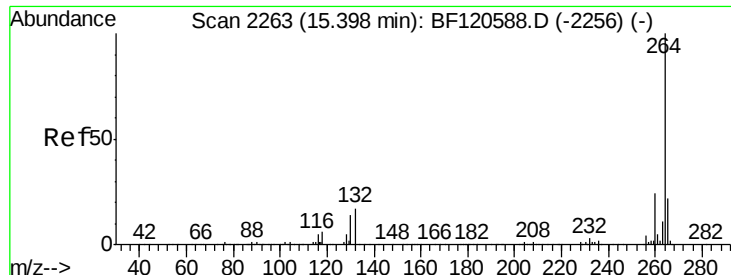


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2262
Delta R.T. -0.01 min
Lab File: BF120716.D
Acq: 26 Jun 2020 18:39

Instrument :
BNA_F
ClientSampleId :
NB-08-061620

Tot Ion:264 Resp: 427553

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	22.7	17.8	26.8

