

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
 Data File : BF120653.D
 Acq On : 18 Jun 2020 20:29
 Operator : JU/CG
 Sample : L3034-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Jun 19 01:12:24 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

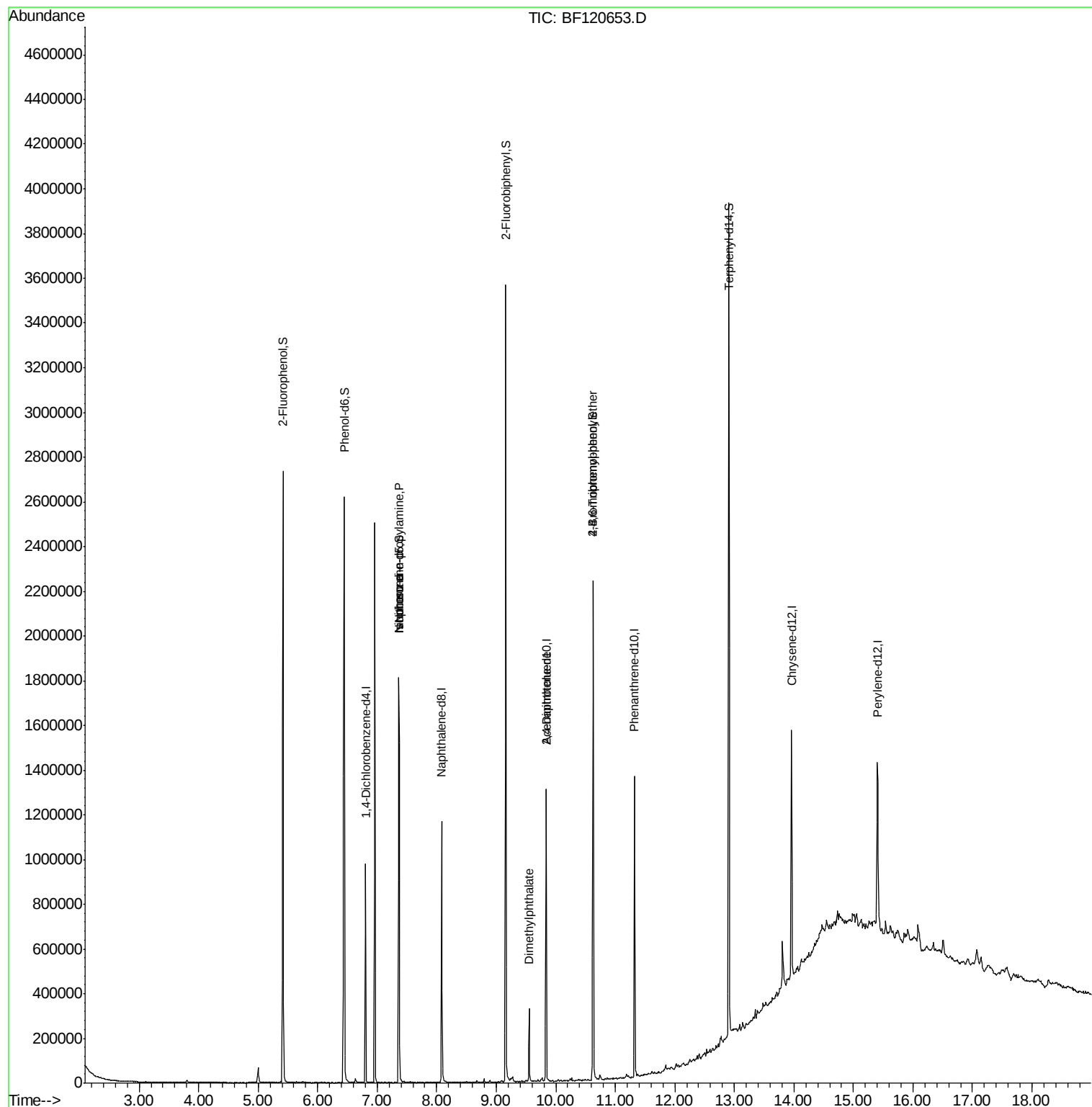
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	135973	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	503915	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	256500	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	482803	20.00	ng	0.00
76) Chrysene-d12	13.96	240	404374	20.00	ng	0.00
86) Perylene-d12	15.40	264	357868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	794630	100.19	ng	0.00
7) Phenol-d6	6.45	99	968921	98.09	ng	0.00
23) Nitrobenzene-d5	7.36	82	572032	63.45	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	286395	96.04	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1177460	70.23	ng	0.00
79) Terphenyl-d14	12.91	244	1369722	74.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	75578	13.190	ng	# 78
25) Isophorone	7.36	82	572024	32.573	ng	# 62
50) Dimethylphthalate	9.55	163	114875	6.218	ng	100
57) 2,4-Dinitrotoluene	9.84	165	32775	5.900	ng	# 29
67) 4-Bromophenyl-phenylether	10.63	248	16551	3.021	ng	# 1

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

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Response via : Initial Calibration

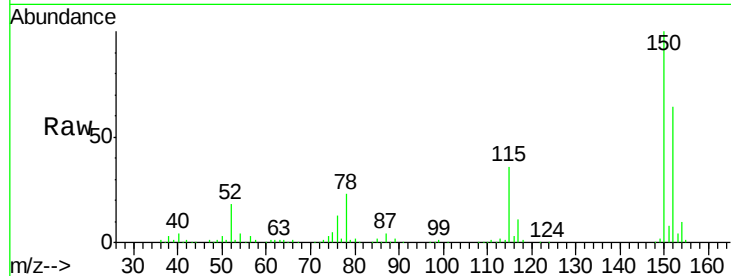




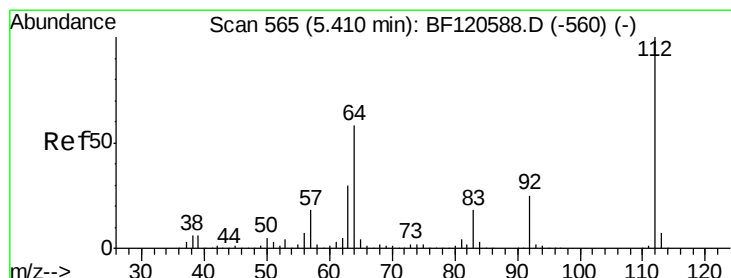
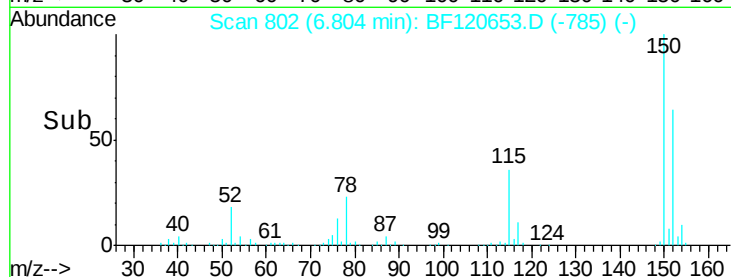
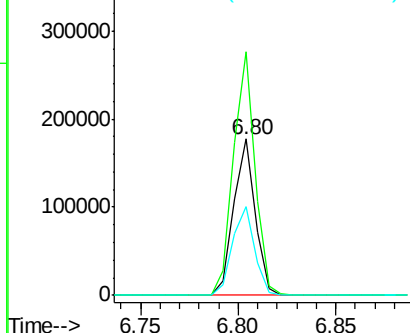
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF120653.D
 Acq: 18 Jun 2020 20:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion:152 Resp: 135973
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.2 184.8
 115 56.7 43.9 65.9

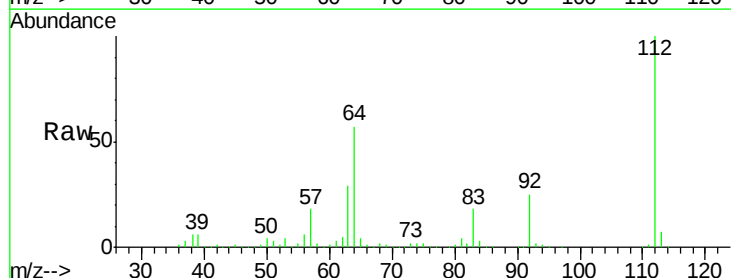


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

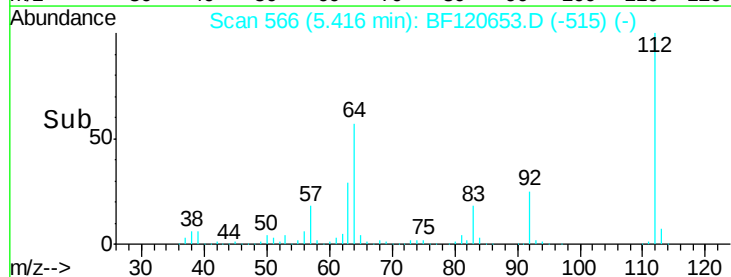
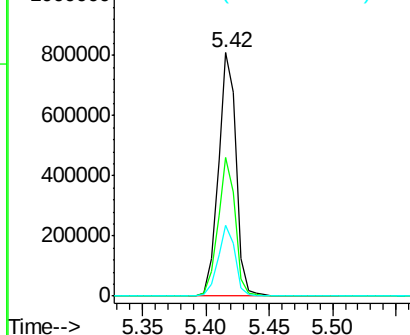


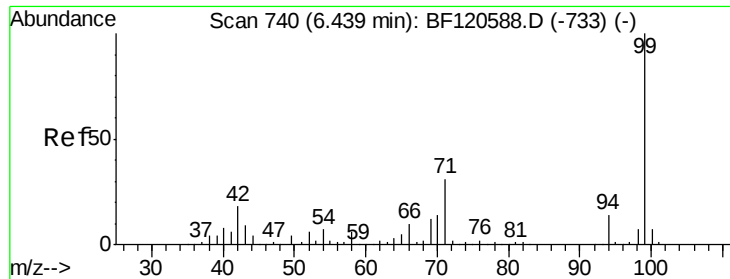
#5
 2-Fluorophenol
 Concen: 100.193 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF120653.D
 Acq: 18 Jun 2020 20:29

Tgt Ion:112 Resp: 794630
 Ion Ratio Lower Upper
 112 100
 64 57.0 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: 98.089 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF120653.D

Acq: 18 Jun 2020 20:29

Instrument :

BNA_F

ClientSampleId :

TP-3

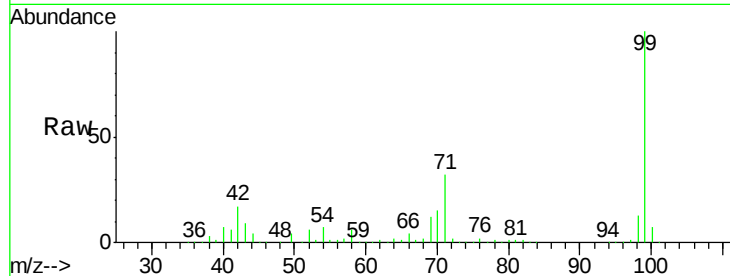
Tot Ion: 99 Resp: 968921

Ion Ratio Lower Upper

99 100

42 17.2 14.0 21.0

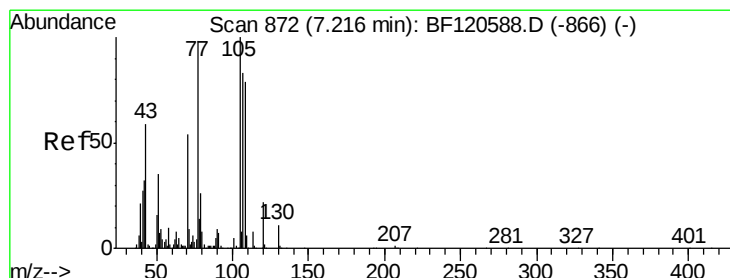
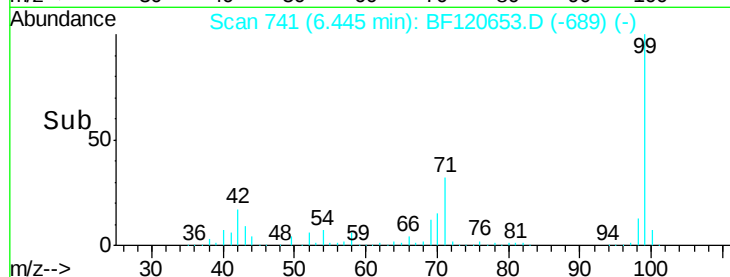
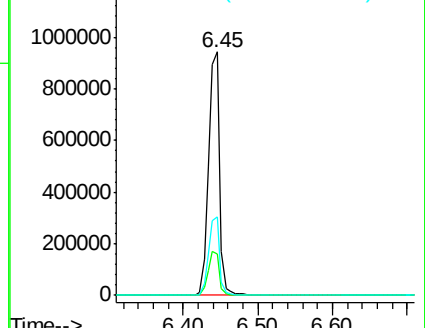
71 32.3 24.9 37.3



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: 13.190 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF120653.D

Acq: 18 Jun 2020 20:29

Tgt Ion: 70 Resp: 75578

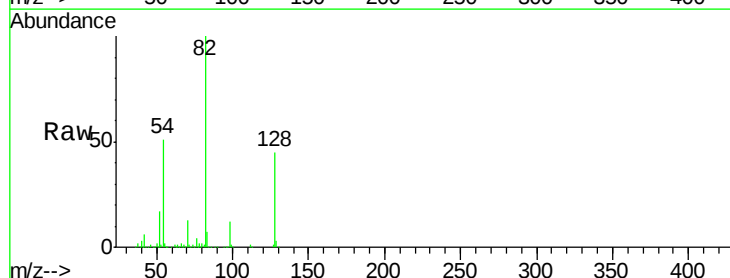
Ion Ratio Lower Upper

70 100

42 47.7 47.7 71.5#

101 0.0 7.6 11.4#

130 2.5 16.7 25.1#

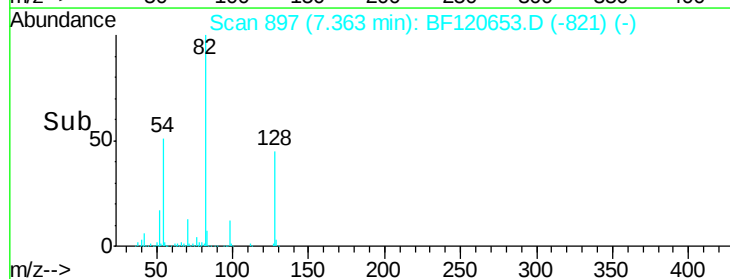
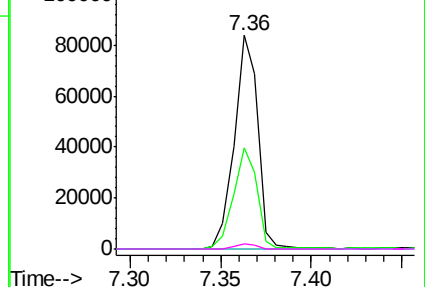


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

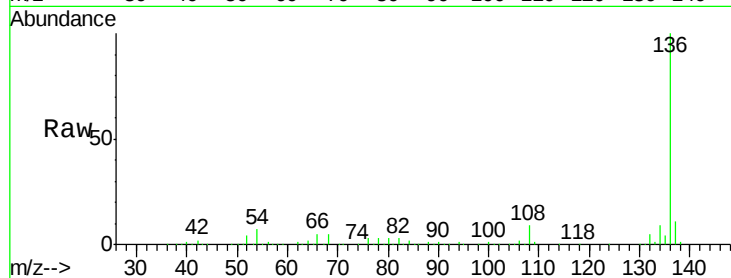




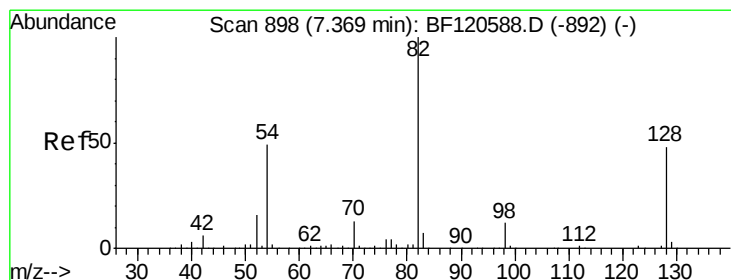
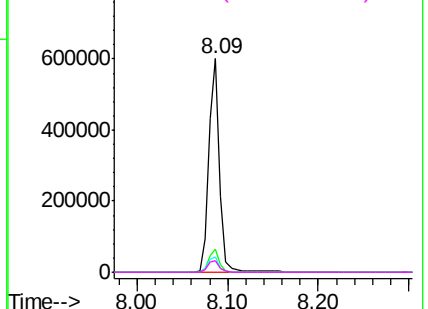
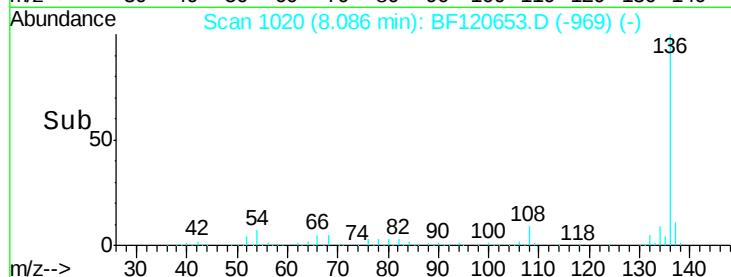
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF120653.D
Acq: 18 Jun 2020 20:29

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion:136 Resp: 503915
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.2 5.8 8.6
68 5.4 4.4 6.6

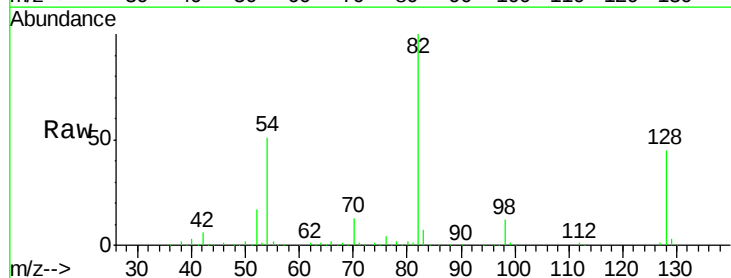


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

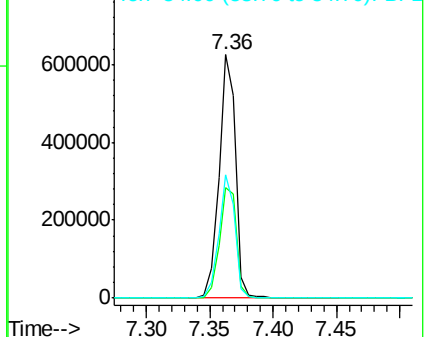
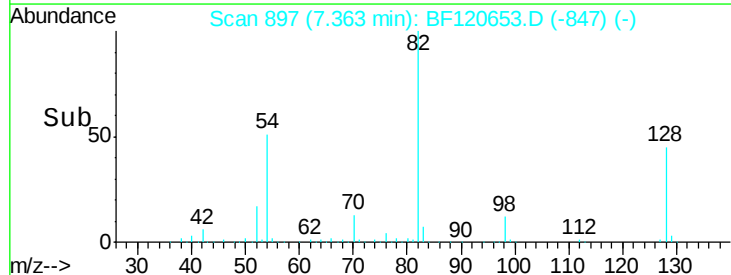


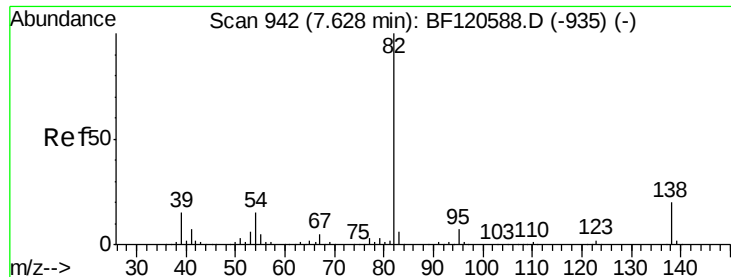
#23
Nitrobenzene-d5
Concen: 63.453 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120653.D
Acq: 18 Jun 2020 20:29

Tgt Ion: 82 Resp: 572032
Ion Ratio Lower Upper
82 100
128 45.4 38.0 57.0
54 50.6 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: 32.573 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF120653.D

Acq: 18 Jun 2020 20:29

Instrument :

BNA_F

ClientSampleId :

TP-3

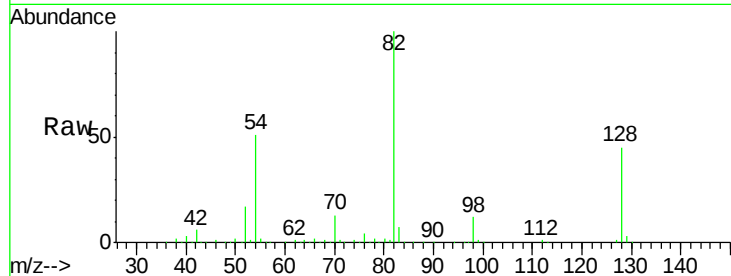
Tot Ion: 82 Resp: 572024

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

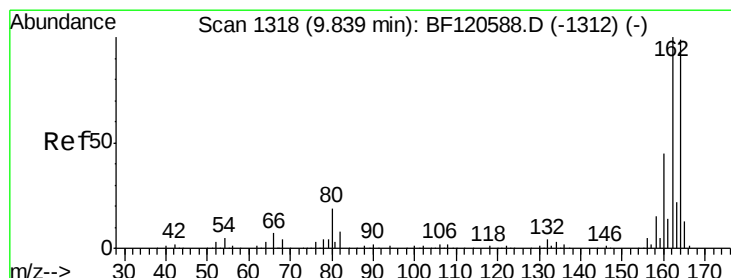
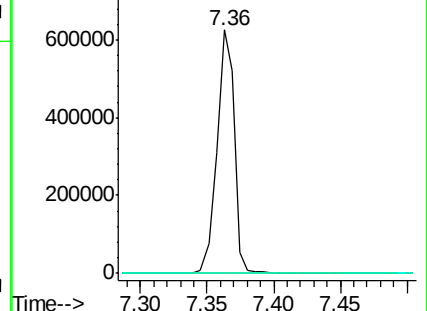
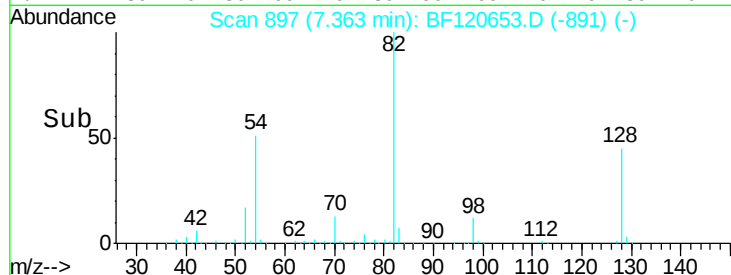
138 0.0 16.2 24.4#



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: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF120653.D

Acq: 18 Jun 2020 20:29

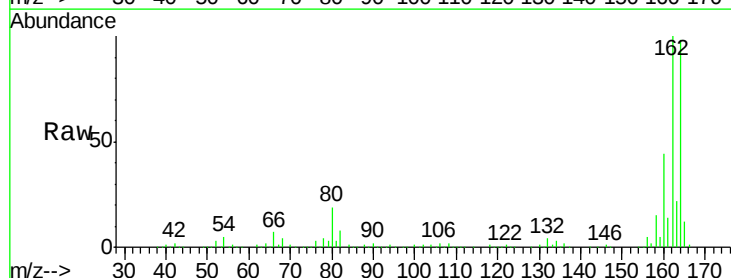
Tgt Ion:164 Resp: 256500

Ion Ratio Lower Upper

164 100

162 101.8 80.6 120.8

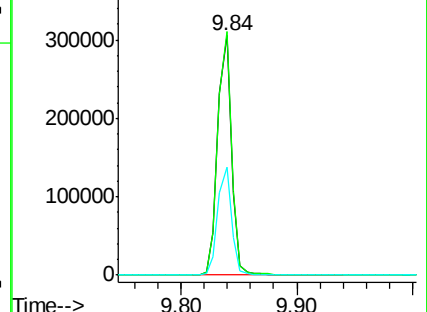
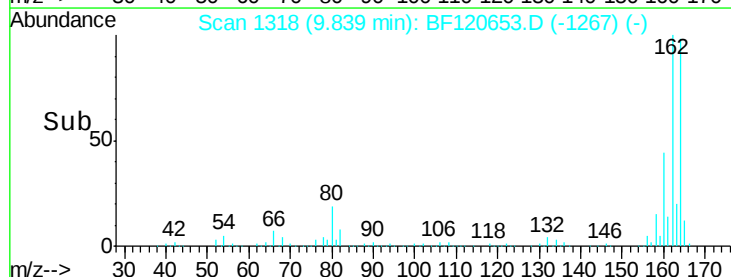
160 45.2 36.2 54.2

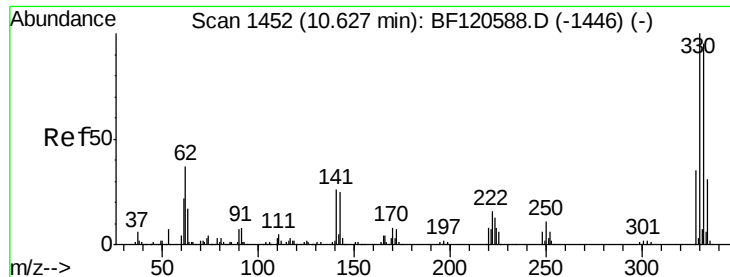


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

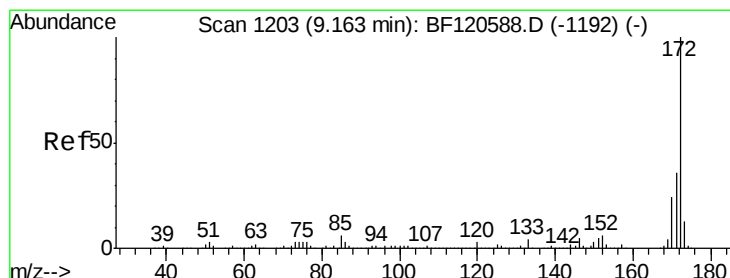
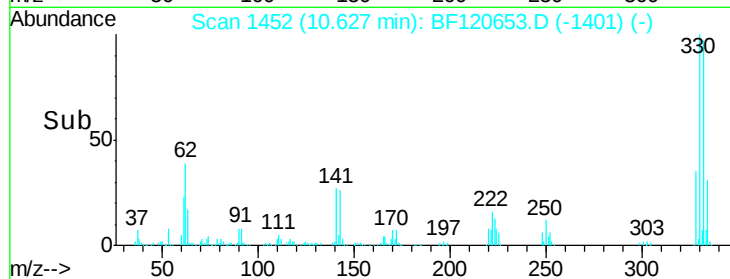
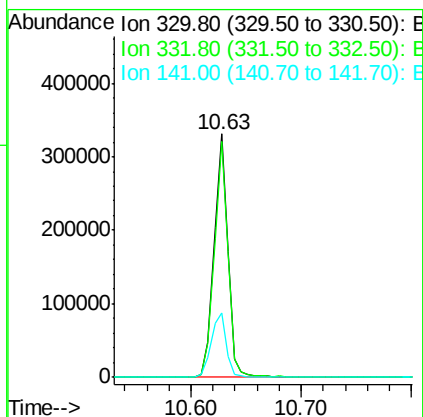
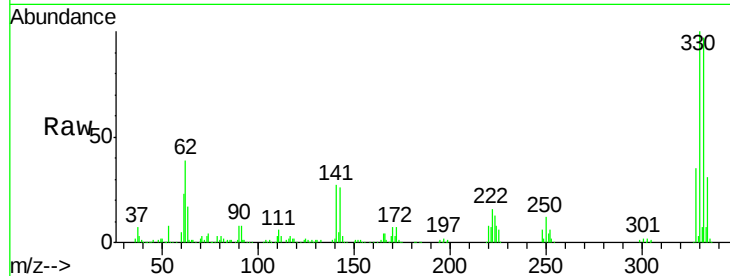




#42
 2,4,6-Tribromophenol
 Concen: 96.036 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120653.D
 Acq: 18 Jun 2020 20:29

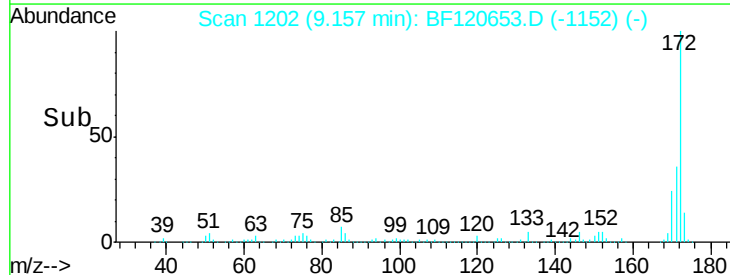
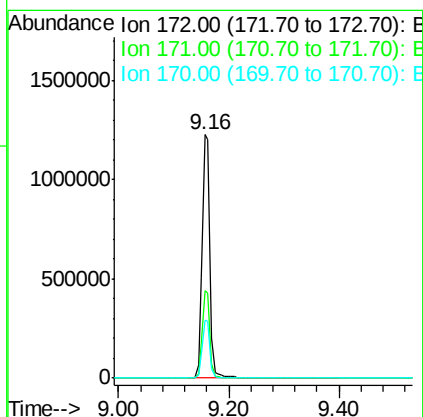
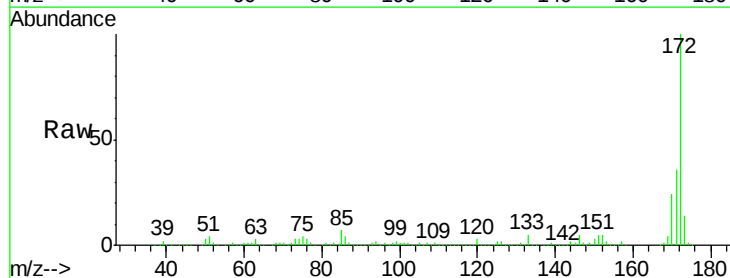
Instrument :
 BNA_F
 ClientSampleId :
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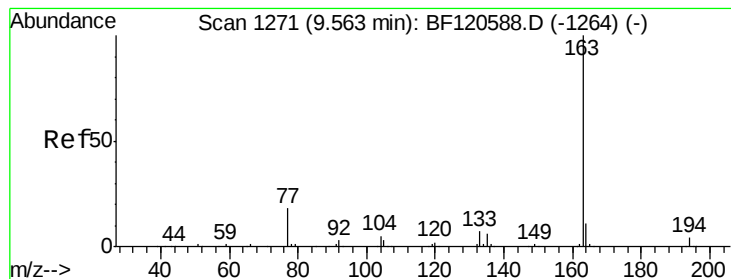
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.8	115.2
141	29.2	23.2	34.8



#45
 2-Fluorobiphenyl
 Concen: 70.234 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120653.D
 Acq: 18 Jun 2020 20:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.0	19.4	29.2





#50

Dimethylphthalate

Concen: 6.218 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF120653.D

Acq: 18 Jun 2020 20:29

Instrument :

BNA_F

ClientSampleId :

TP-3

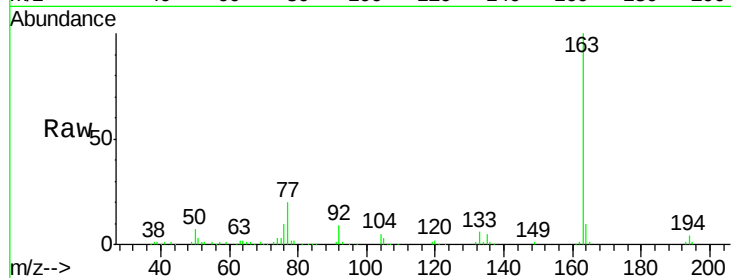
Tot Ion:163 Resp: 114875

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

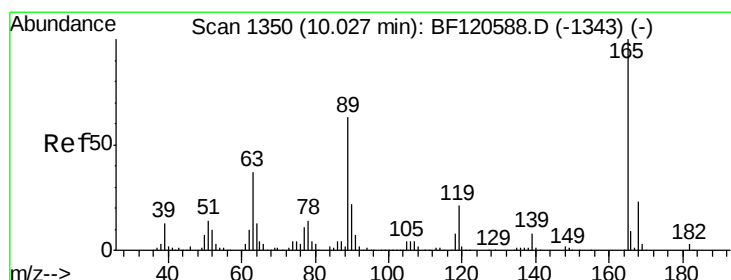
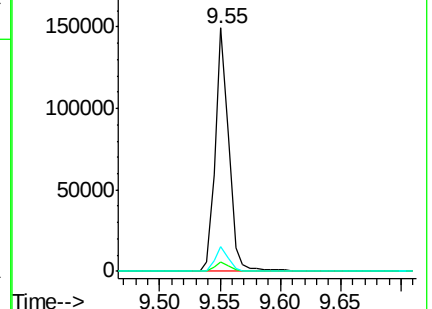
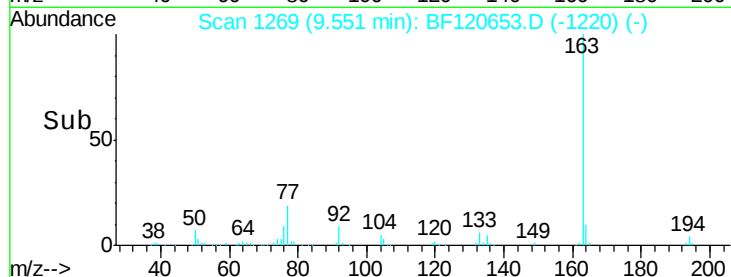
164 10.4 8.5 12.7



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: 5.900 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.19 min

Lab File: BF120653.D

Acq: 18 Jun 2020 20:29

Tgt Ion:165 Resp: 32775

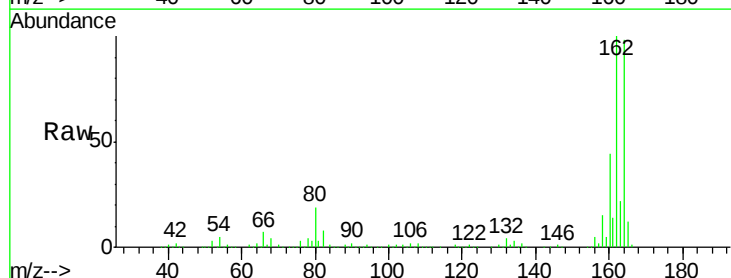
Ion Ratio Lower Upper

165 100

63 1.3 29.8 44.8#

89 1.4 50.4 75.6#

182 0.0 2.1 3.1#

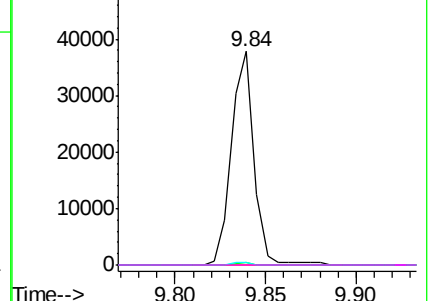
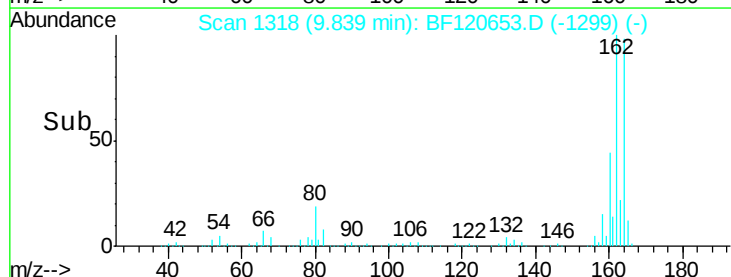


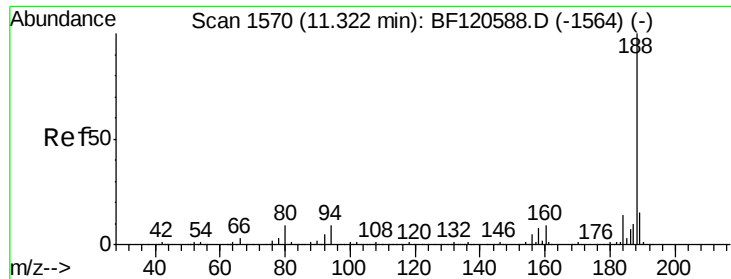
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF120653.D

Acq: 18 Jun 2020 20:29

Instrument :

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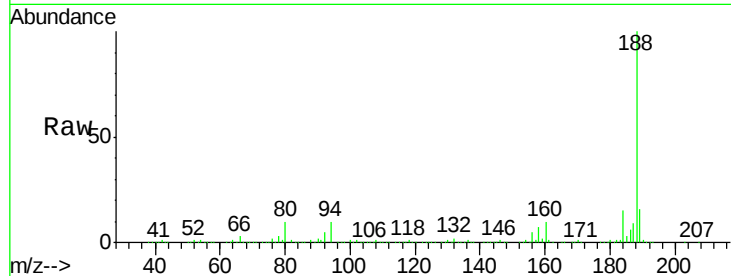
Tot Ion:188 Resp: 482803

Ion Ratio Lower Upper

188 100

94 10.1 7.2 10.8

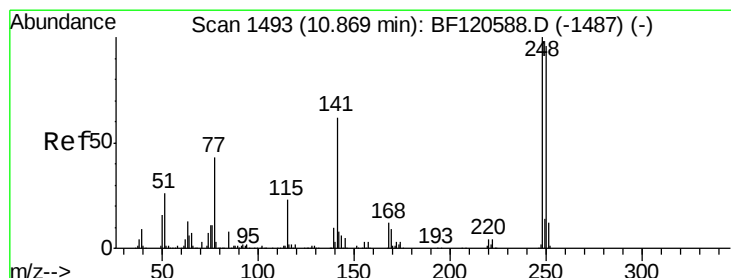
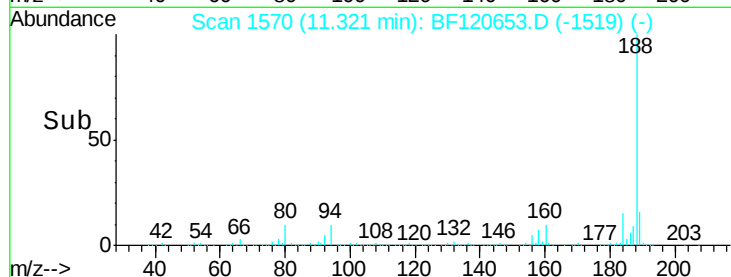
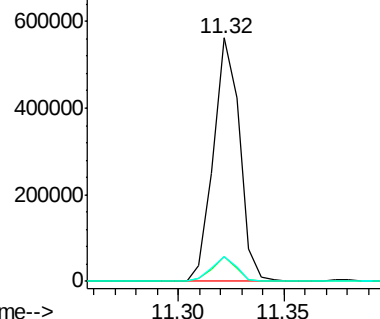
80 10.0 7.4 11.2



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: 3.021 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BF120653.D

Acq: 18 Jun 2020 20:29

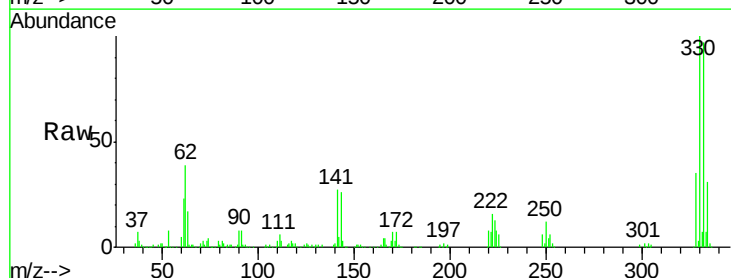
Tgt Ion:248 Resp: 16551

Ion Ratio Lower Upper

248 100

250 207.9 76.7 115.1#

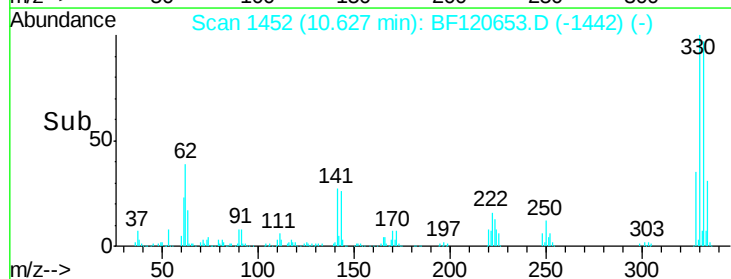
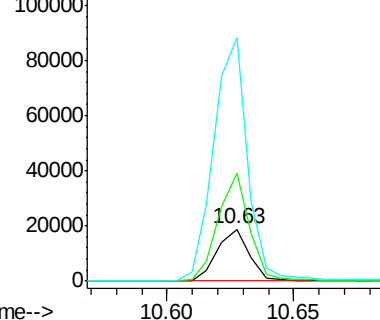
141 466.4 49.4 74.0#

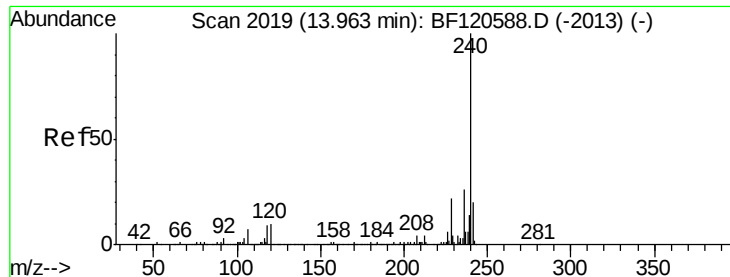


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

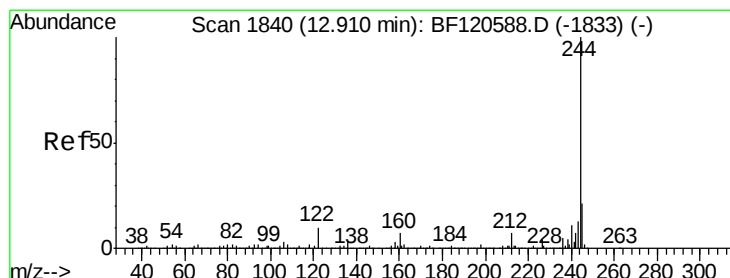
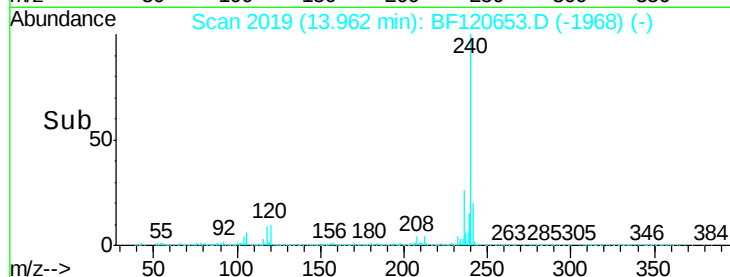
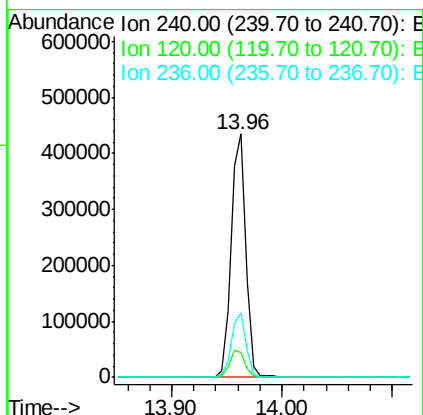
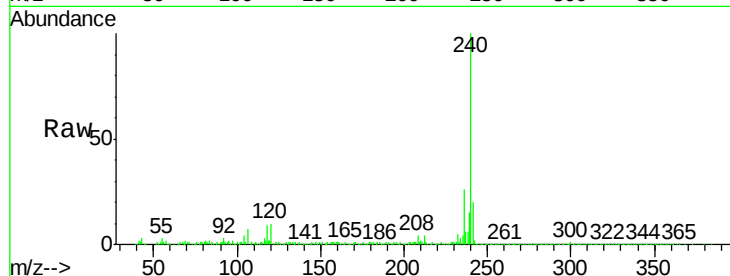




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF120653.D
Acq: 18 Jun 2020 20:29

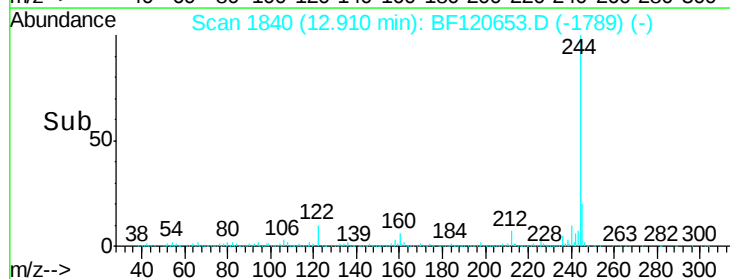
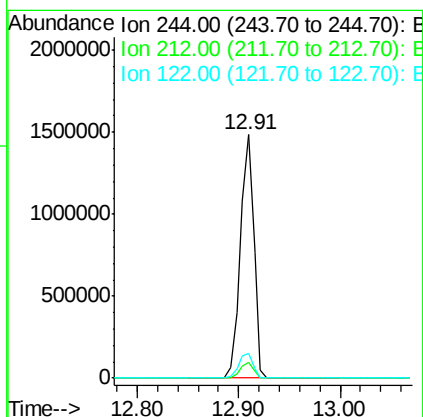
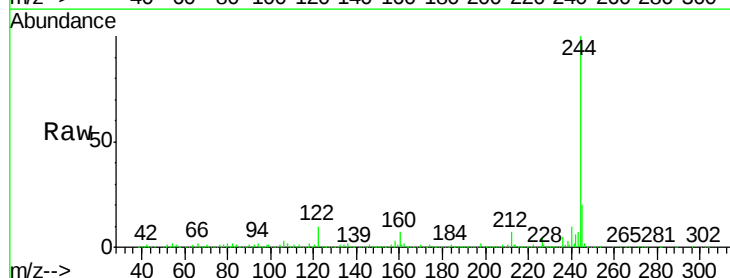
Instrument :
BNA_F
ClientSampleId :
TP-3

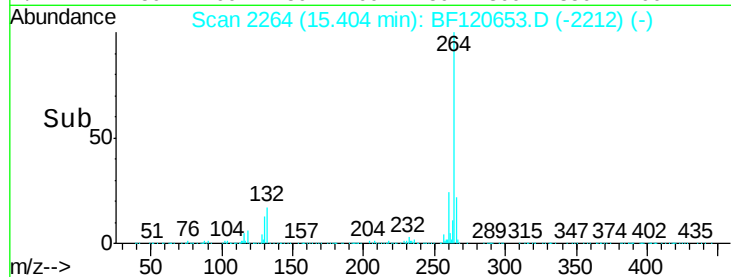
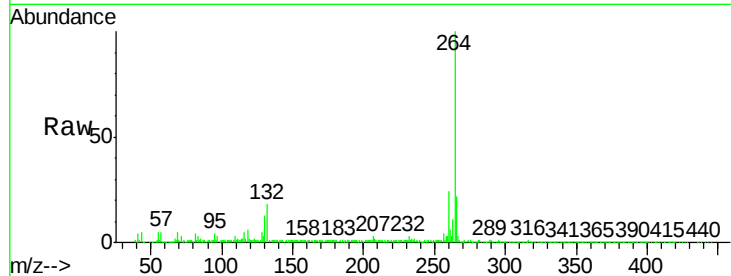
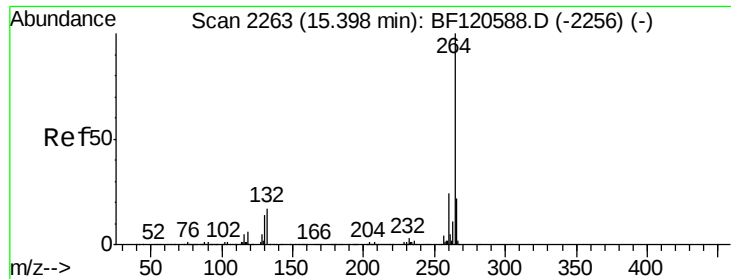
Tot Ion:240 Resp: 404374
Ion Ratio Lower Upper
240 100
120 10.2 8.3 12.5
236 26.4 21.0 31.4



#79
Terphenyl-d14
Concen: 74.821 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF120653.D
Acq: 18 Jun 2020 20:29

Tgt Ion:244 Resp: 1369722
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 10.4 8.3 12.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF120653.D
Acq: 18 Jun 2020 20:29

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	22.2	17.8	26.8

