

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
 Data File : BF120646.D
 Acq On : 18 Jun 2020 17:11
 Operator : JU/CG
 Sample : L3034-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Jun 18 18:35:19 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

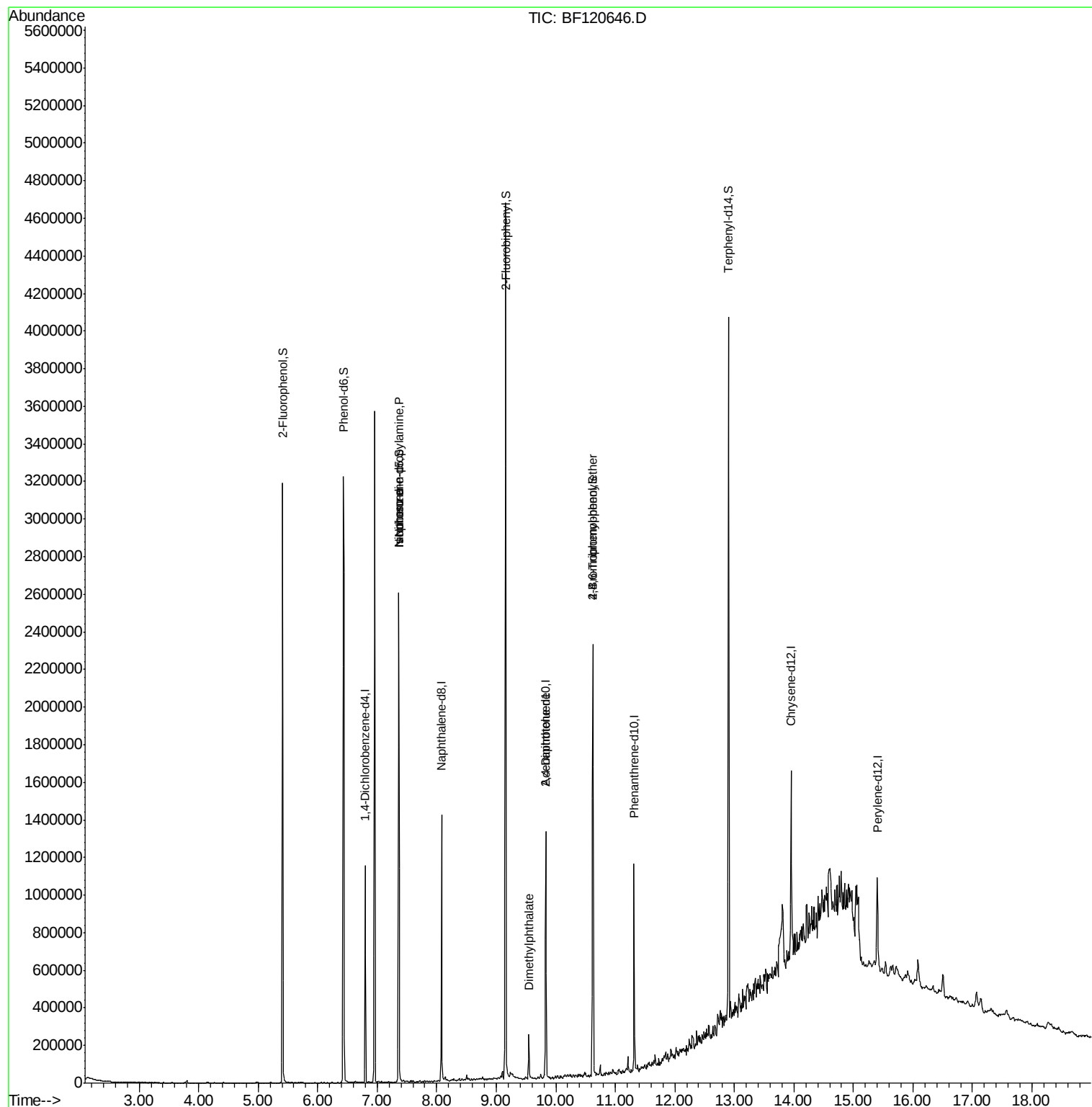
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	158455	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	574847	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	235995	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	443020	20.00	ng	0.00
76) Chrysene-d12	13.96	240	358365	20.00	ng	0.00
86) Perylene-d12	15.40	264	242164	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1039634	112.49	ng	0.00
7) Phenol-d6	6.43	99	1264051	109.81	ng	0.00
23) Nitrobenzene-d5	7.36	82	800149	77.80	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	312749	113.99	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1483465	96.17	ng	0.00
79) Terphenyl-d14	12.90	244	1423231	87.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	106683	15.977	ng	# 78
25) Isophorone	7.36	82	800137	39.941	ng	# 62
50) Dimethylphthalate	9.55	163	89902	5.289	ng	100
57) 2,4-Dinitrotoluene	9.83	165	30781	6.022	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	18430	3.666	ng	# 1

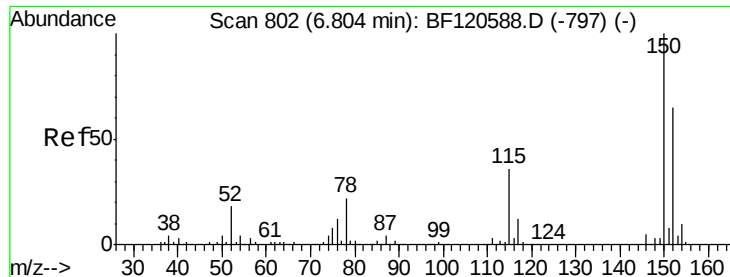
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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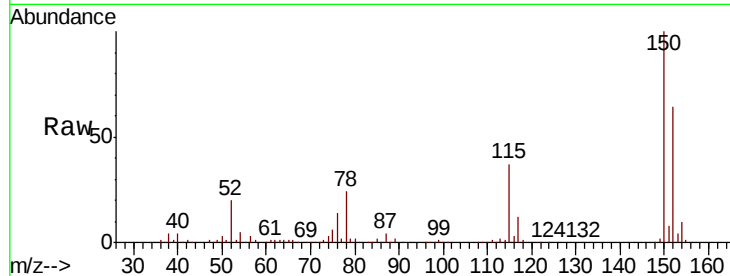


#1

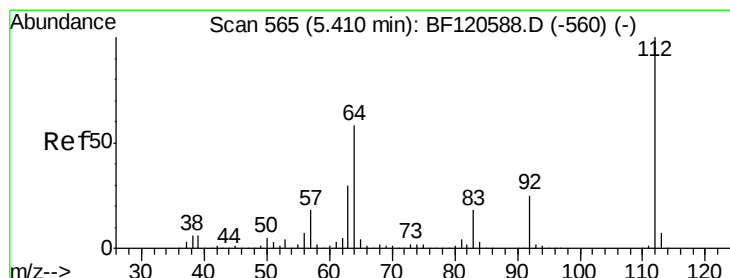
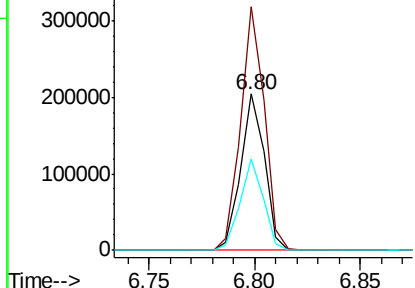
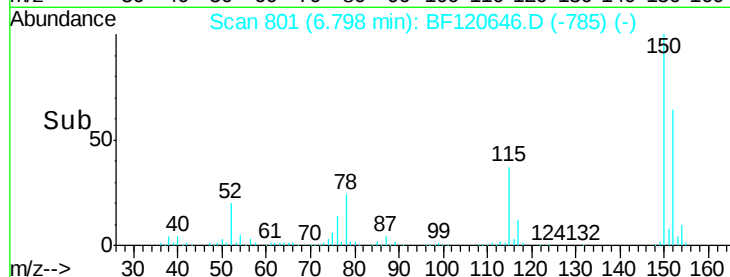
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120646.D
Acq: 18 Jun 2020 17:11

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion:152 Resp: 158455
Ion Ratio Lower Upper
152 100
150 155.9 123.2 184.8
115 58.3 43.9 65.9



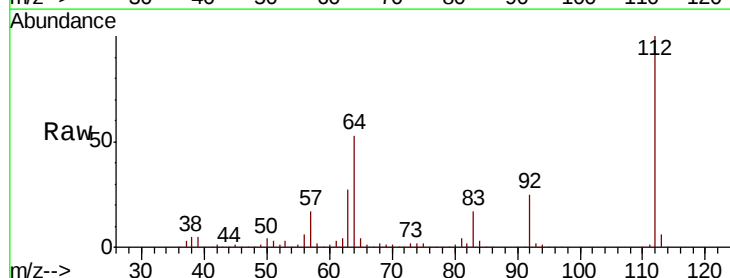
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



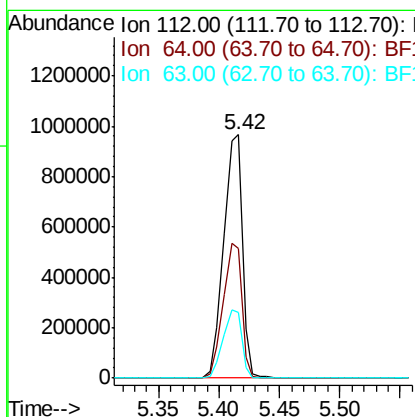
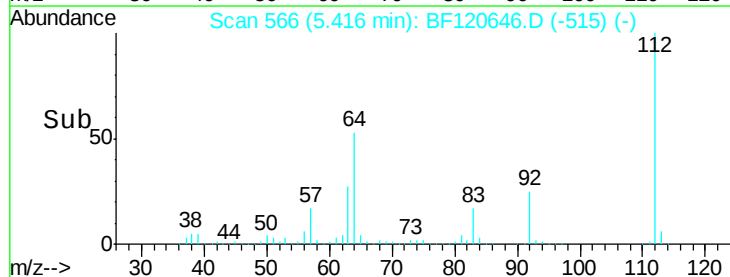
#5

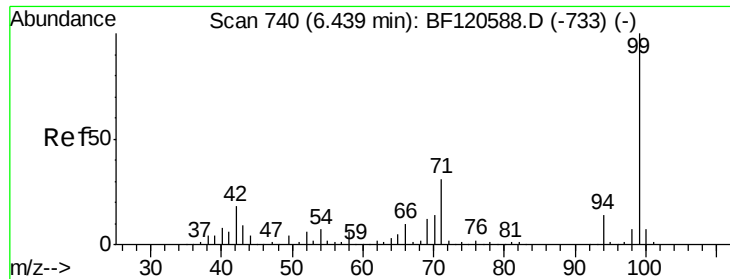
2-Fluorophenol
Concen: 112.486 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF120646.D
Acq: 18 Jun 2020 17:11

Tgt Ion:112 Resp: 1039634
Ion Ratio Lower Upper
112 100
64 53.1 46.1 69.1
63 27.2 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: 109.810 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120646.D

Acq: 18 Jun 2020 17:11

Instrument :

BNA_F

ClientSampleId :

TP-5

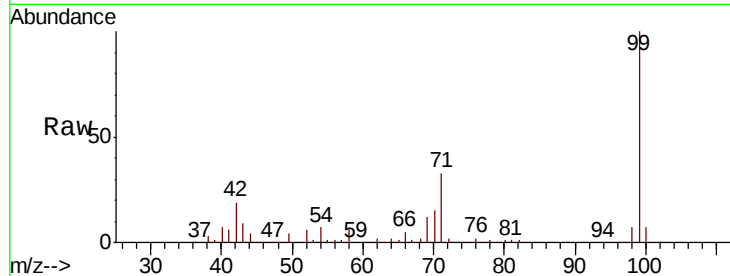
Tot Ion: 99 Resp: 1264051

Ion Ratio Lower Upper

99 100

42 18.8 14.0 21.0

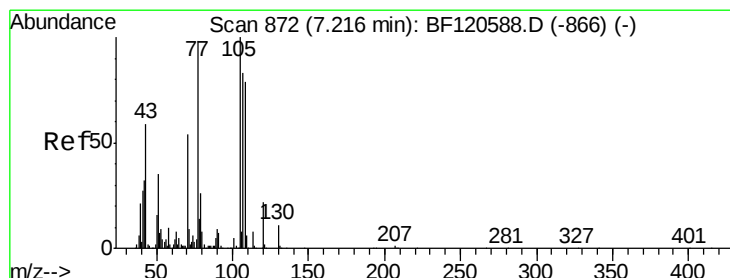
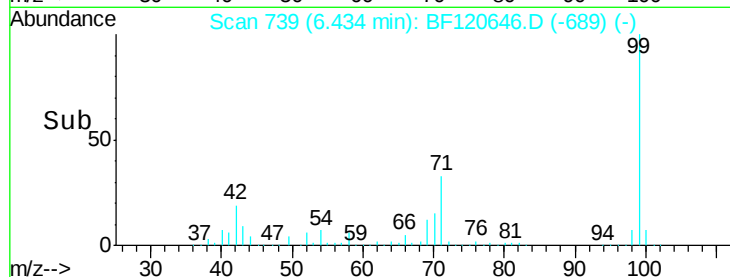
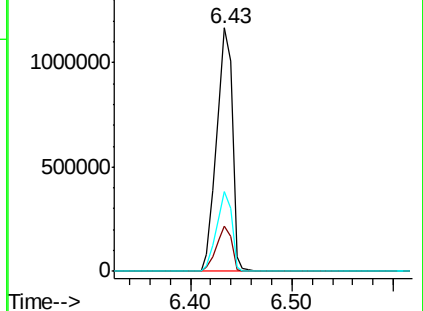
71 32.9 24.9 37.3



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: 15.977 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF120646.D

Acq: 18 Jun 2020 17:11

Tgt Ion: 70 Resp: 106683

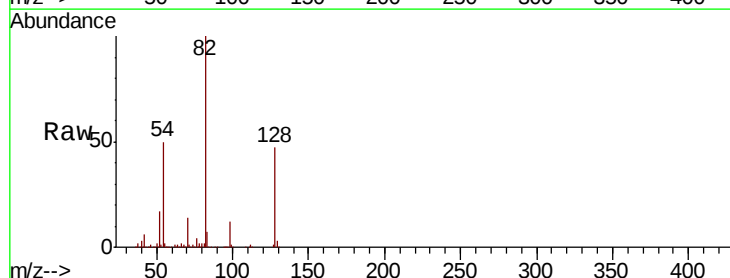
Ion Ratio Lower Upper

70 100

42 47.9 47.7 71.5

101 0.0 7.6 11.4#

130 2.3 16.7 25.1#

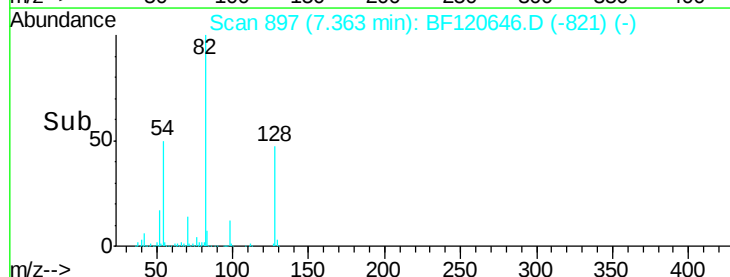
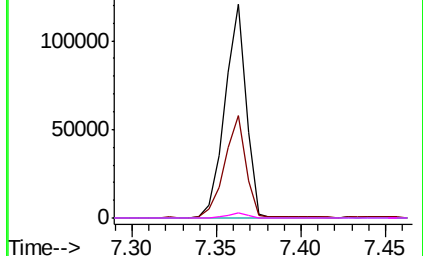


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

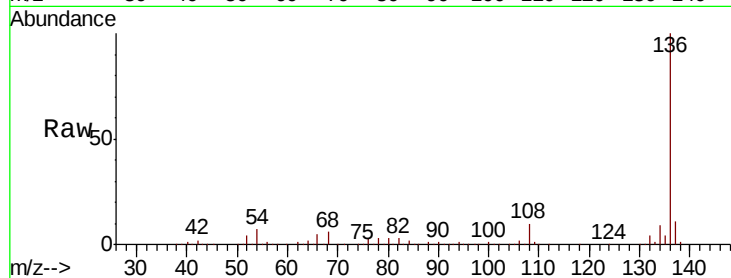




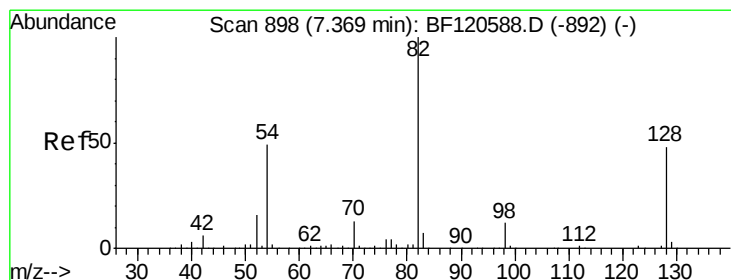
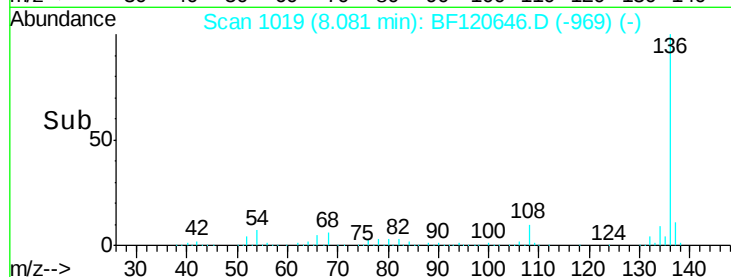
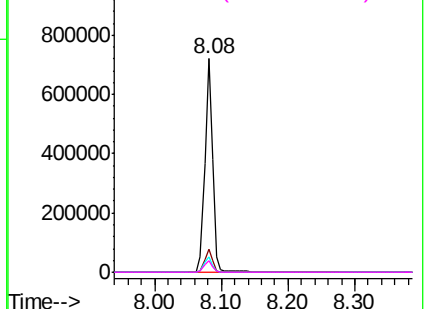
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120646.D
Acq: 18 Jun 2020 17:11

Instrument :
BNA_F
ClientSampled :
TP-5

Tot Ion:136 Resp: 574847
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.5 5.8 8.6
68 5.6 4.4 6.6

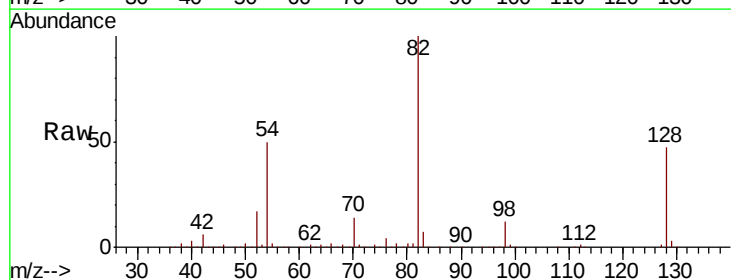


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

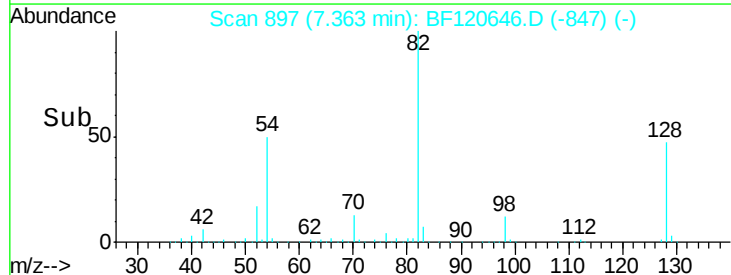
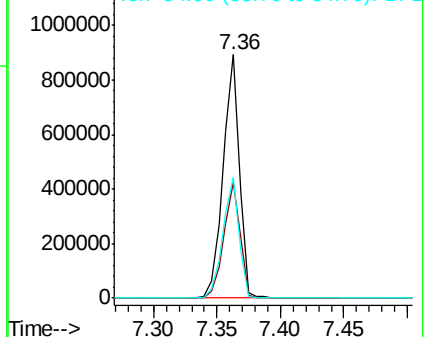


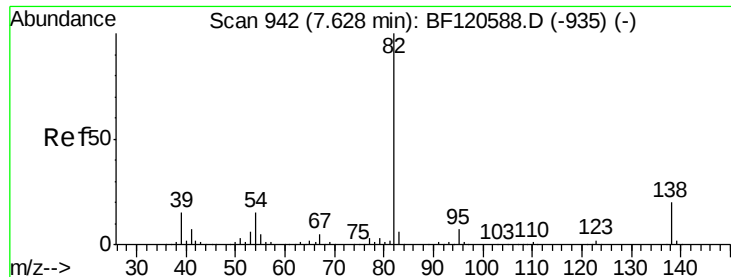
#23
Nitrobenzene-d5
Concen: 77.805 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120646.D
Acq: 18 Jun 2020 17:11

Tgt Ion: 82 Resp: 800149
Ion Ratio Lower Upper
82 100
128 47.4 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: 39.941 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF120646.D

Acq: 18 Jun 2020 17:11

Instrument :

BNA_F

ClientSampled :

TP-5

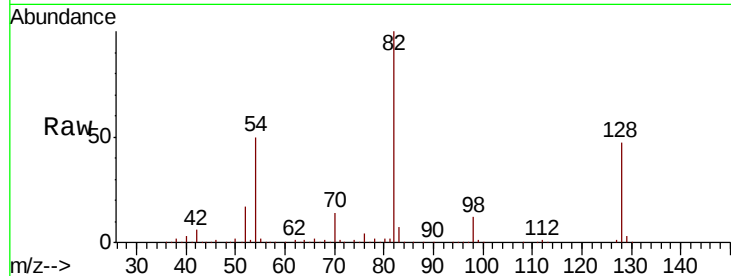
Tot Ion: 82 Resp: 800137

Ion Ratio Lower Upper

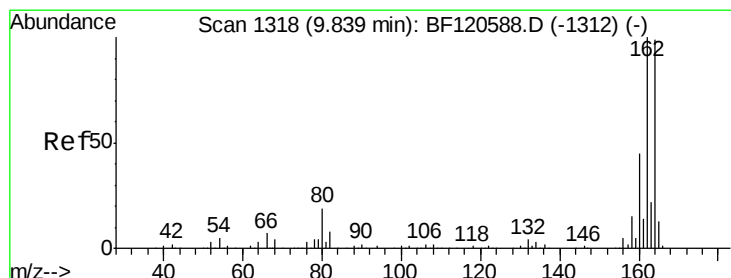
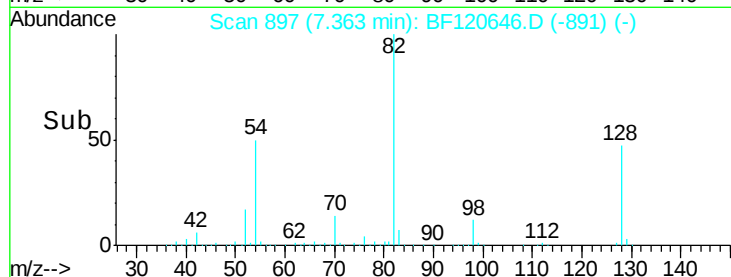
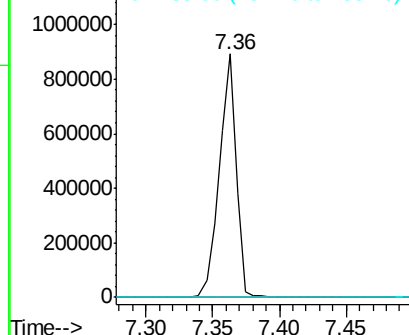
82 100

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: BF120646.D

Acq: 18 Jun 2020 17:11

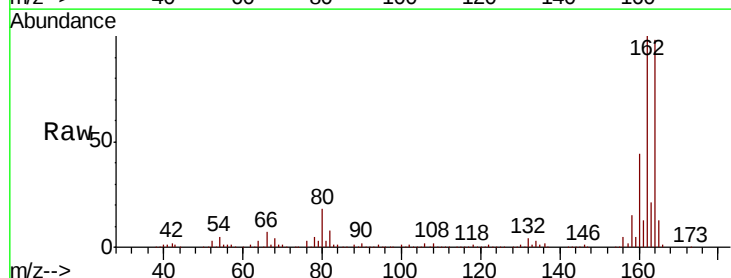
Tgt Ion: 164 Resp: 235995

Ion Ratio Lower Upper

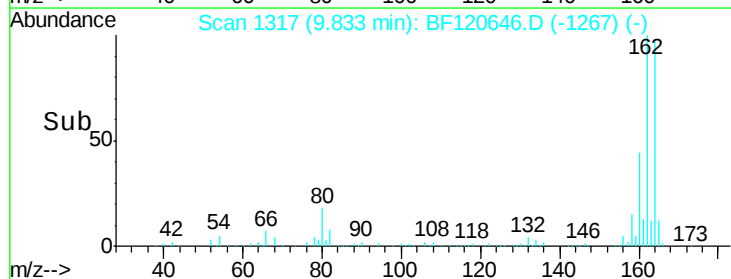
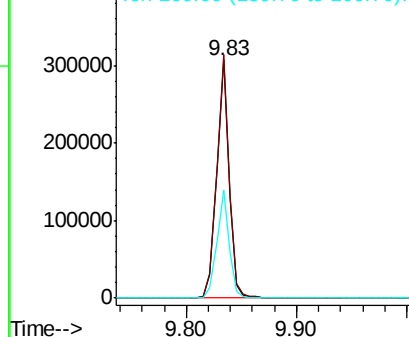
164 100

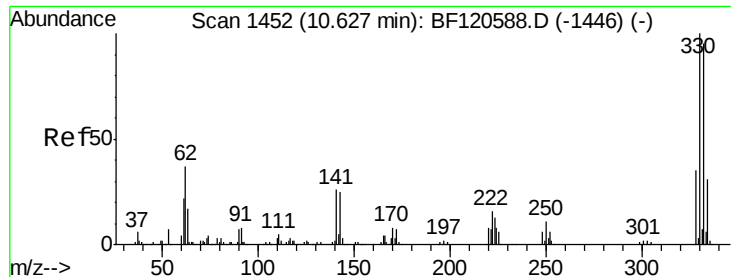
162 102.2 80.6 120.8

160 45.3 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

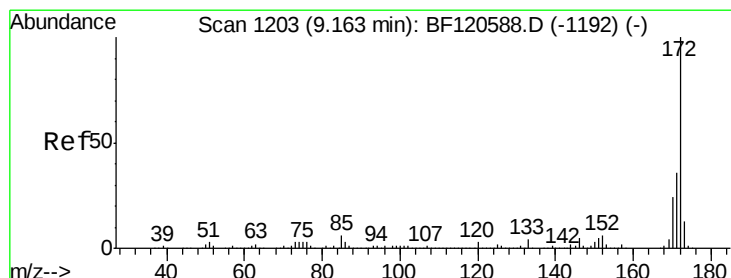
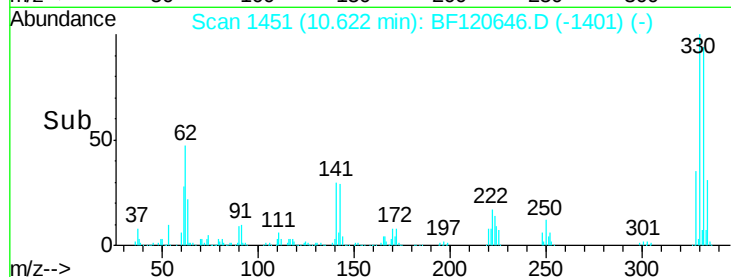
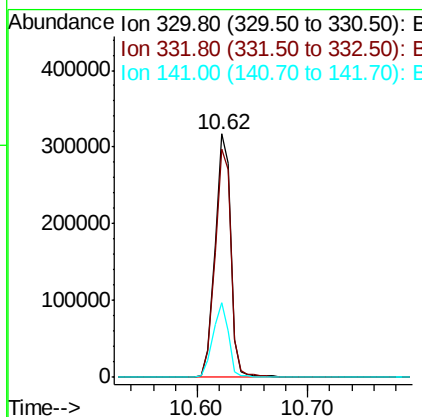
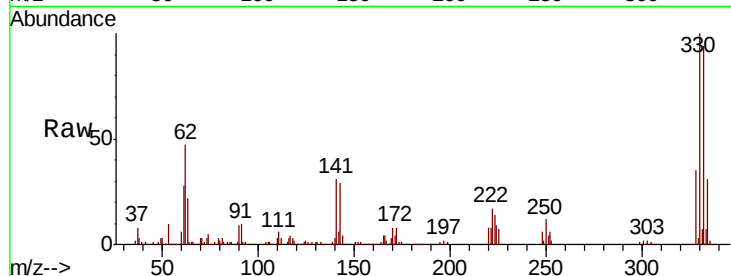




#42
 2,4,6-Tribromophenol
 Concen: 113.985 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120646.D
 Acq: 18 Jun 2020 17:11

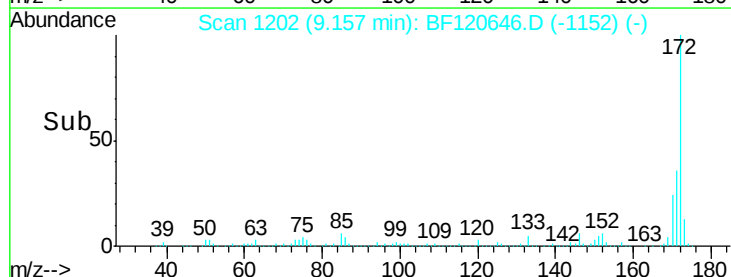
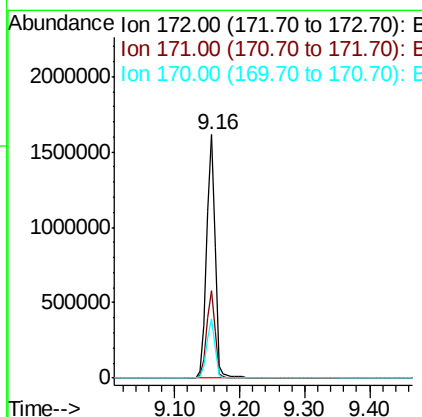
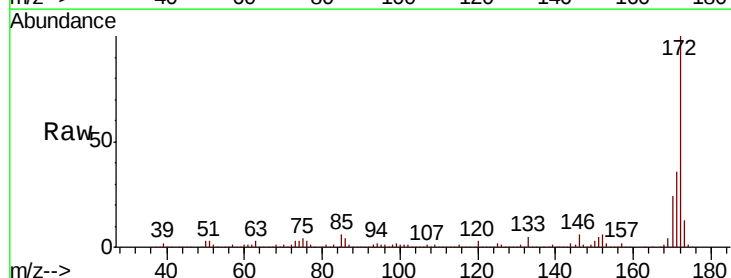
Instrument :
 BNA_F
 ClientSampleId :
 TP-5

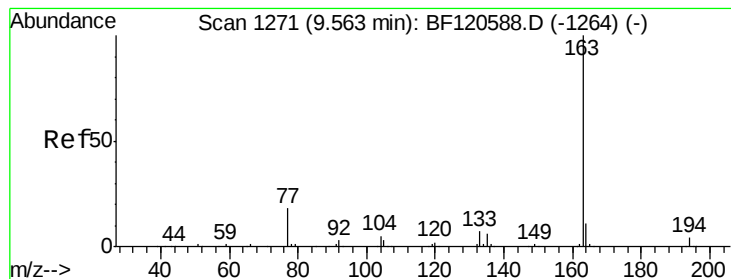
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.8	115.2
141	29.7	23.2	34.8



#45
 2-Fluorobiphenyl
 Concen: 96.175 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120646.D
 Acq: 18 Jun 2020 17:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.4	19.4	29.2





#50

Dimethylphthalate

Concen: 5.289 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120646.D

Acq: 18 Jun 2020 17:11

Instrument :

BNA_F

ClientSampleId :

TP-5

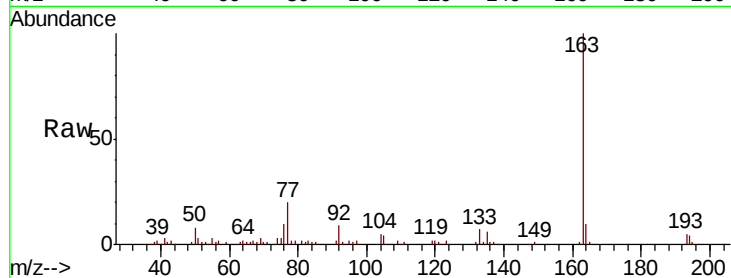
Tot Ion:163 Resp: 89902

Ion Ratio Lower Upper

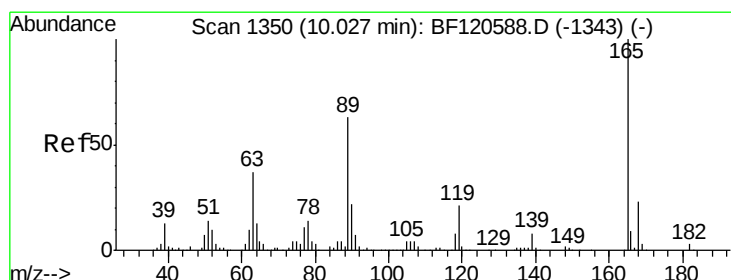
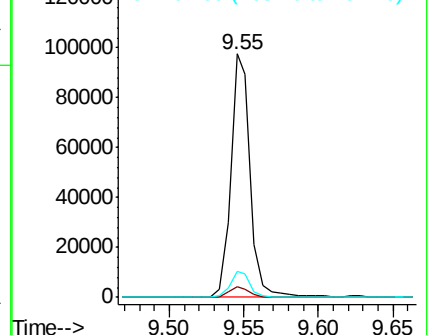
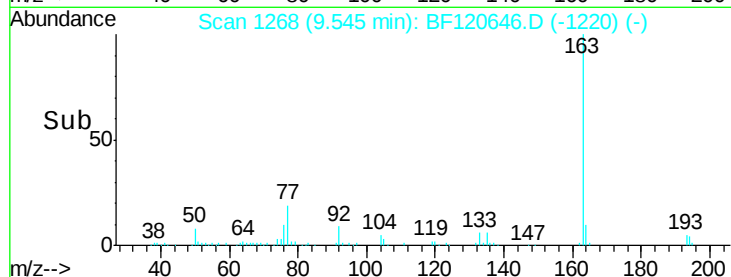
163 100

194 4.2 3.1 4.7

164 10.5 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: 6.022 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BF120646.D

Acq: 18 Jun 2020 17:11

Tgt Ion:165 Resp: 30781

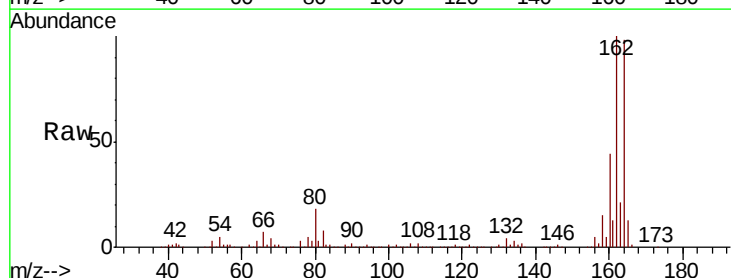
Ion Ratio Lower Upper

165 100

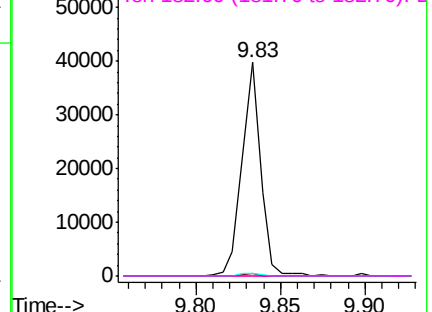
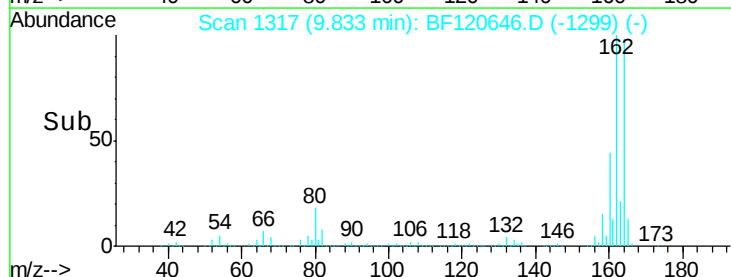
63 1.1 29.8 44.8#

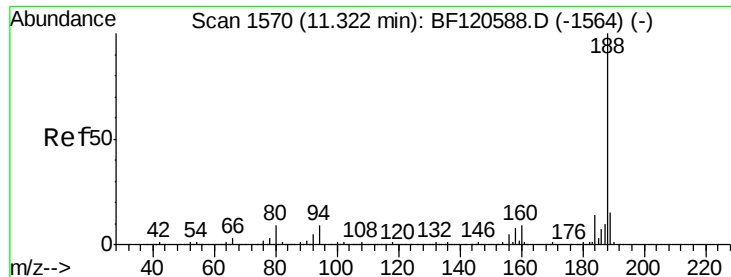
89 1.1 50.4 75.6#

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# 1569

Delta R.T. -0.01 min

Lab File: BF120646.D

Acq: 18 Jun 2020 17:11

Instrument :

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TP-5

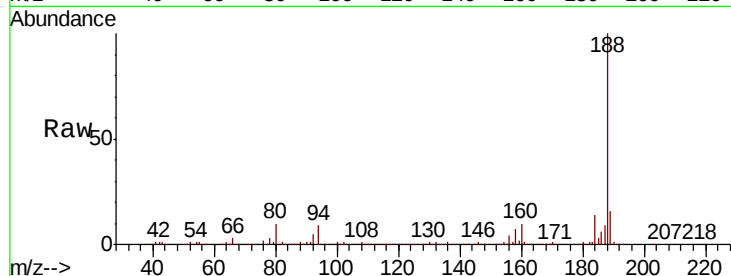
Tot Ion:188 Resp: 443020

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

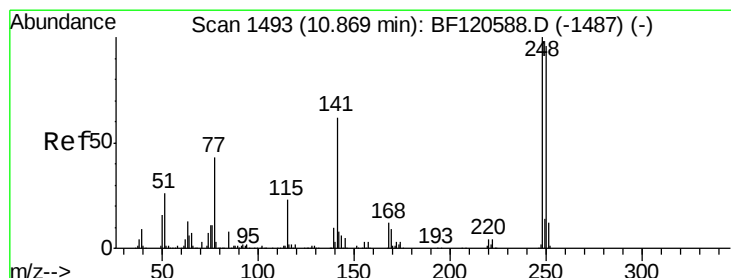
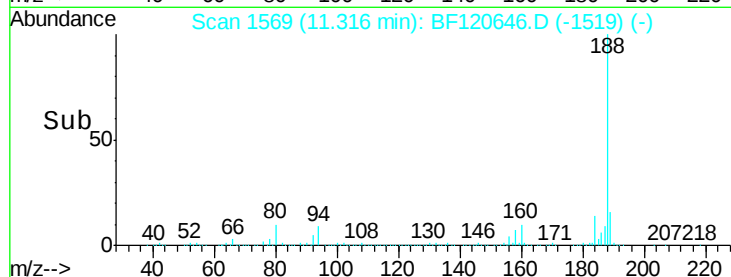
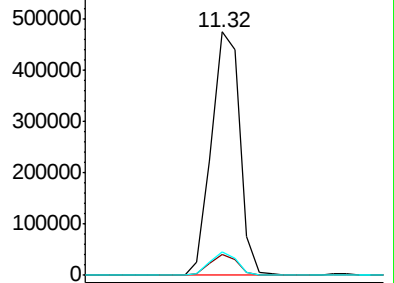
80 9.9 7.4 11.2



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: 3.666 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BF120646.D

Acq: 18 Jun 2020 17:11

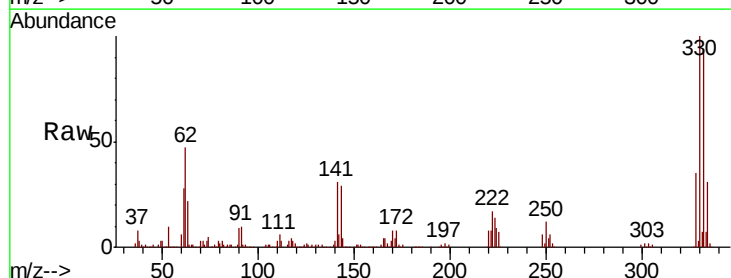
Tgt Ion:248 Resp: 18430

Ion Ratio Lower Upper

248 100

250 201.2 76.7 115.1#

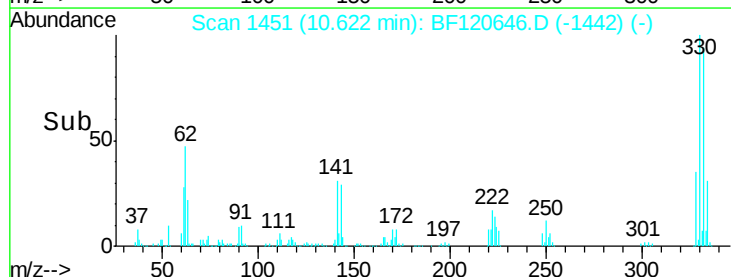
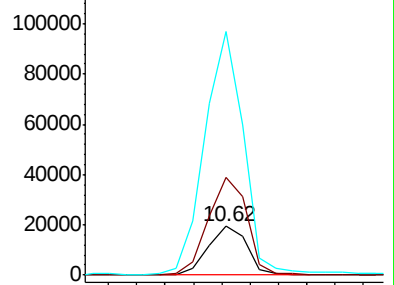
141 499.8 49.4 74.0#

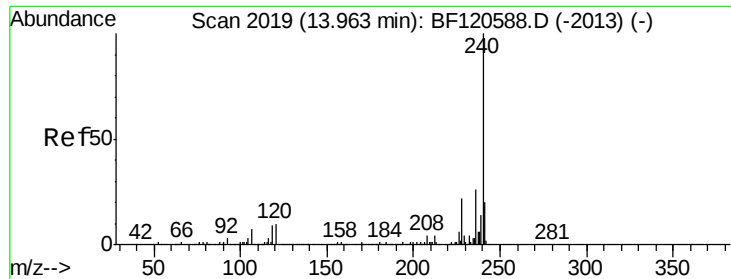


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

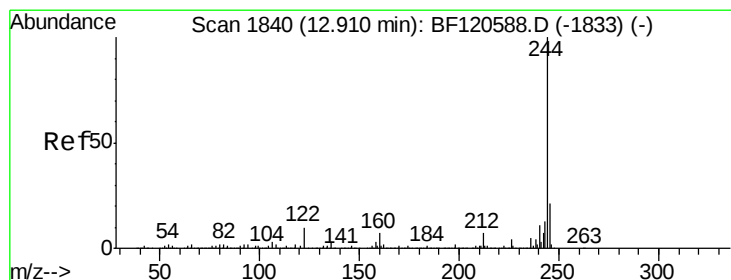
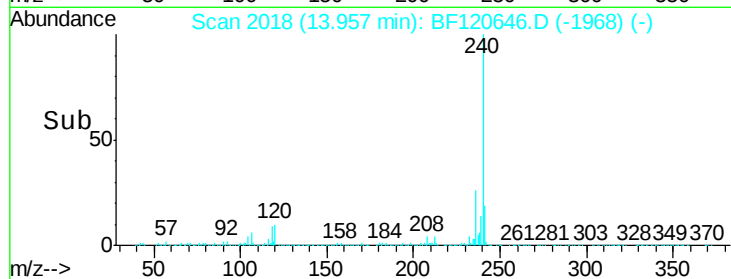
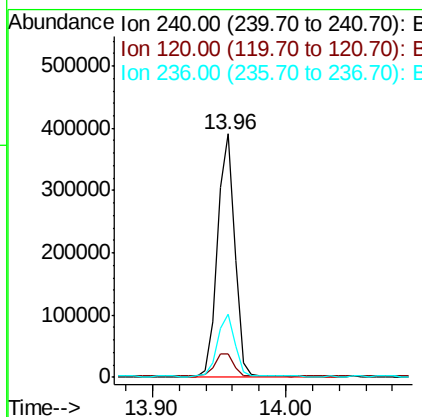
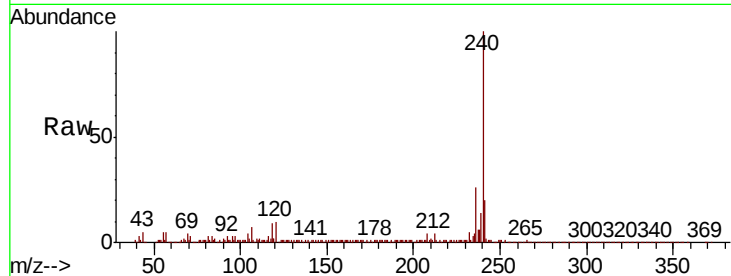




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF120646.D
 Acq: 18 Jun 2020 17:11

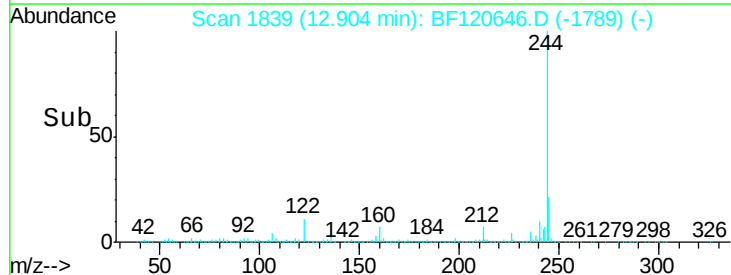
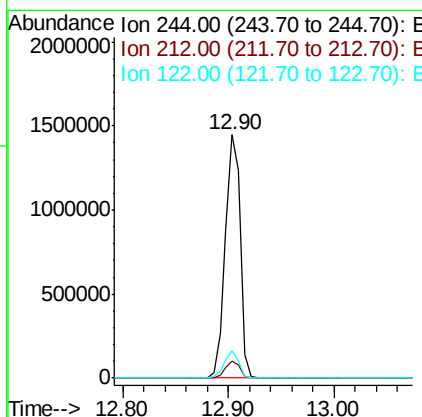
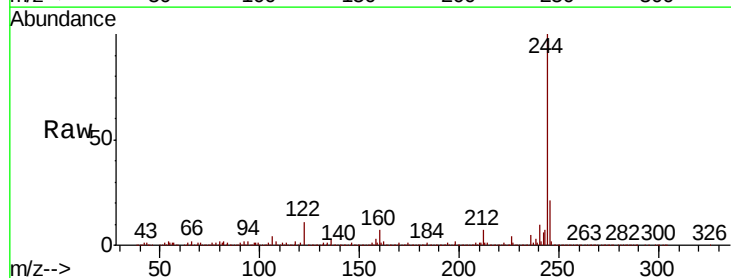
Instrument :
 BNA_F
 ClientSampleID :
 TP-5

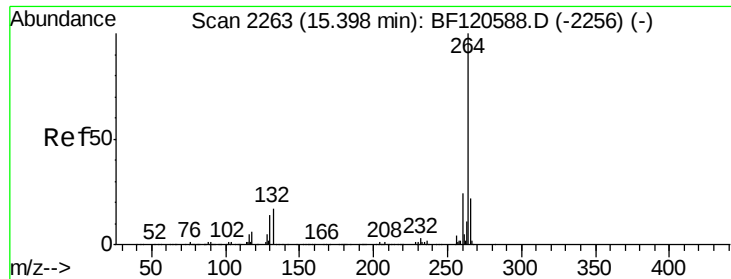
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.3	12.5
236	25.9	21.0	31.4



#79
 Terphenyl-d14
 Concen: 87.725 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF120646.D
 Acq: 18 Jun 2020 17:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	11.4	8.3	12.5

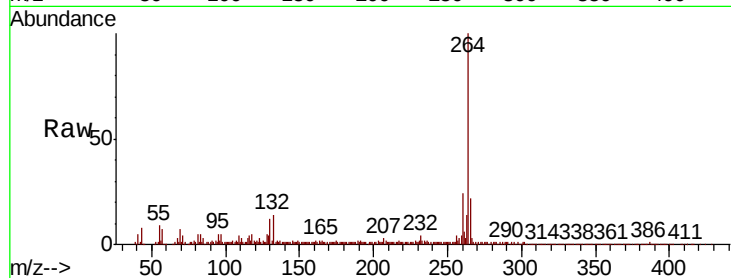




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF120646.D
Acq: 18 Jun 2020 17:11

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	21.6	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

