

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
 Data File : BF120647.D
 Acq On : 18 Jun 2020 17:39
 Operator : JU/CG
 Sample : L3034-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Jun 18 18:35:29 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

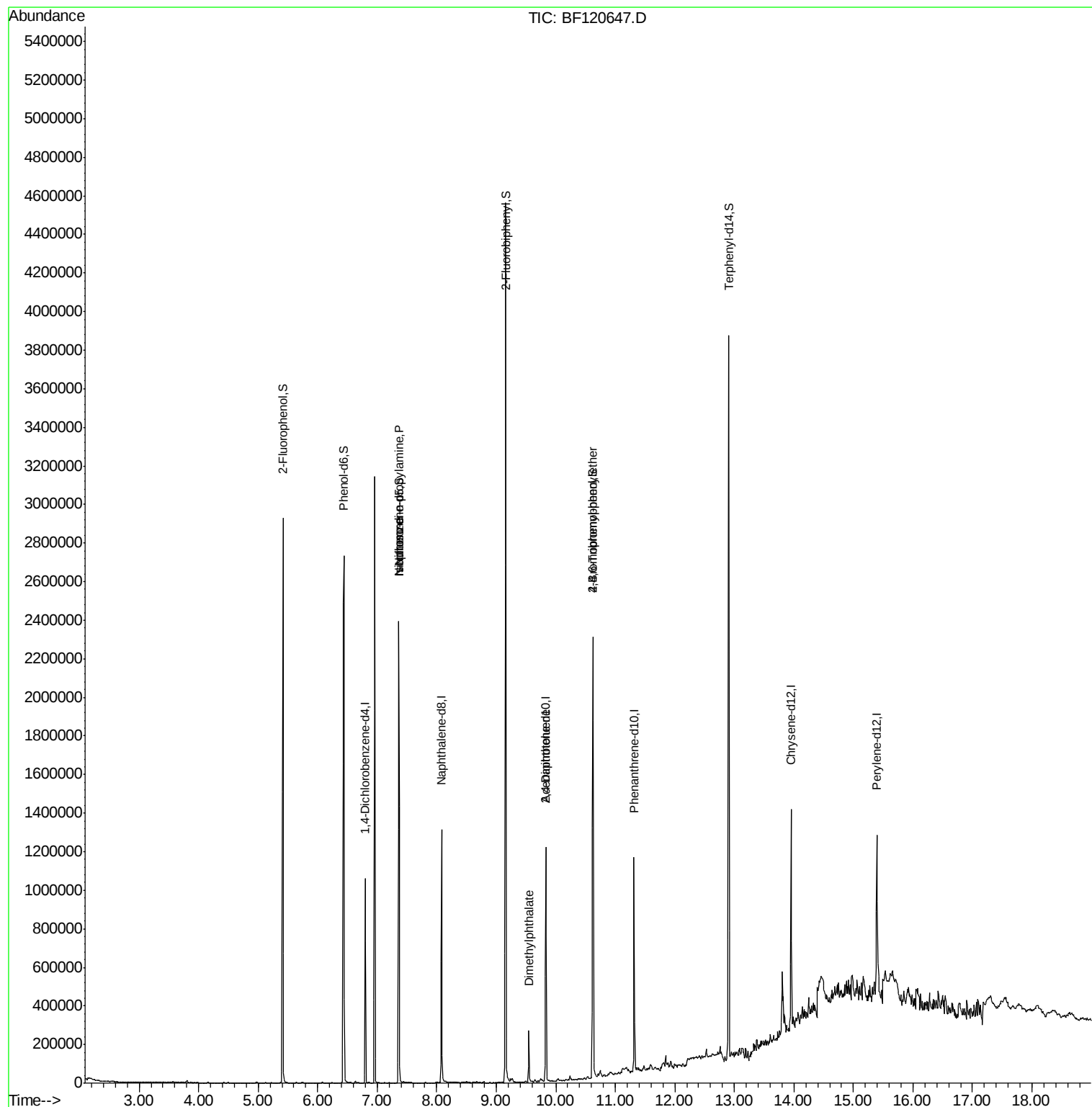
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	146522	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	557265	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	228408	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	441260	20.00	ng	0.00
76) Chrysene-d12	13.96	240	374540	20.00	ng	0.00
86) Perylene-d12	15.40	264	369806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	891358	104.30	ng	0.00
7) Phenol-d6	6.44	99	1044663	98.14	ng	0.00
23) Nitrobenzene-d5	7.36	82	715089	71.73	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	319531	120.33	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1415195	94.80	ng	0.00
79) Terphenyl-d14	12.91	244	1519693	89.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	94854	15.362	ng	# 77
25) Isophorone	7.36	82	715072	36.821	ng	# 62
50) Dimethylphthalate	9.55	163	110110	6.694	ng	98
57) 2,4-Dinitrotoluene	9.83	165	29441	5.951	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	18477	3.690	ng	# 1

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

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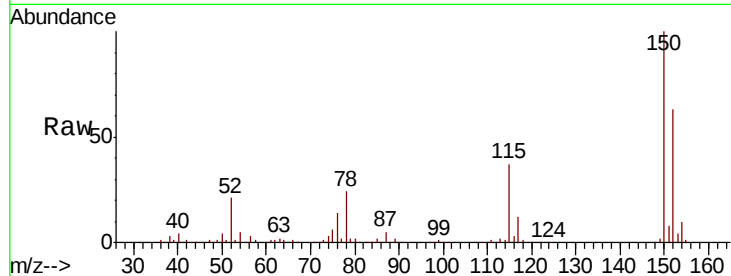




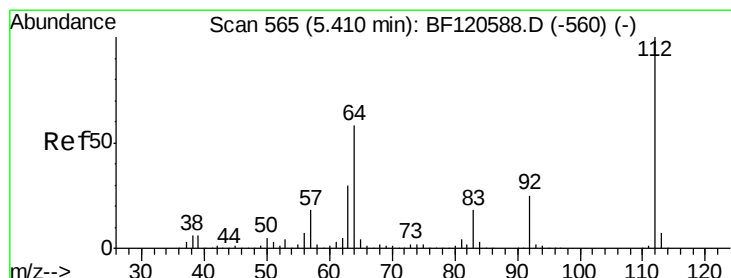
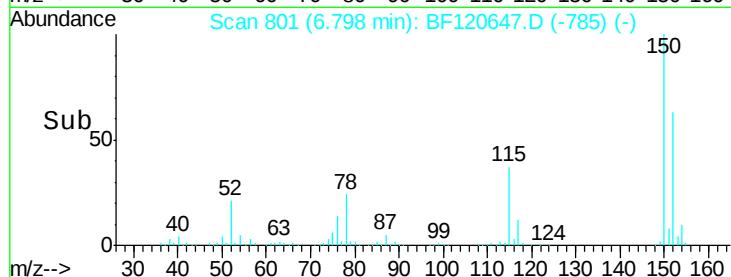
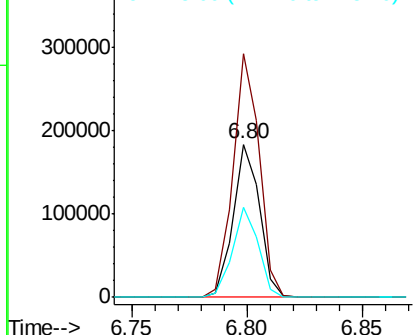
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF120647.D
 Acq: 18 Jun 2020 17:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion:152 Resp: 146522
 Ion Ratio Lower Upper
 152 100
 150 159.1 123.2 184.8
 115 58.9 43.9 65.9

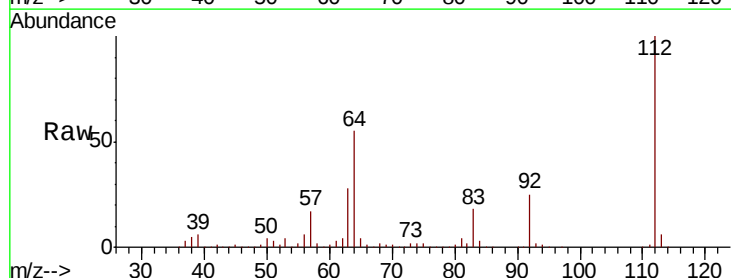


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

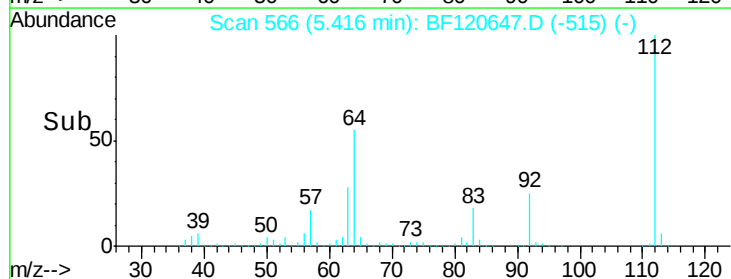
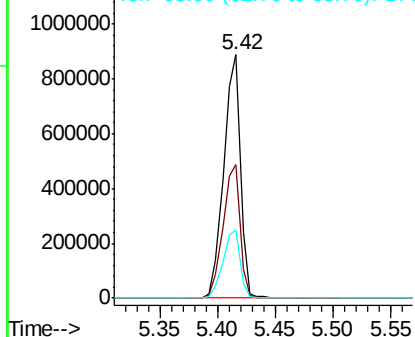


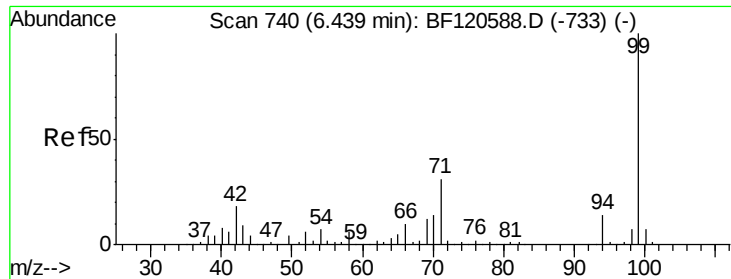
#5
 2-Fluorophenol
 Concen: 104.298 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF120647.D
 Acq: 18 Jun 2020 17:39

Tgt Ion:112 Resp: 891358
 Ion Ratio Lower Upper
 112 100
 64 54.8 46.1 69.1
 63 28.1 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: 98.142 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF120647.D

Acq: 18 Jun 2020 17:39

Instrument :

BNA_F

ClientSampleId :

TP-4

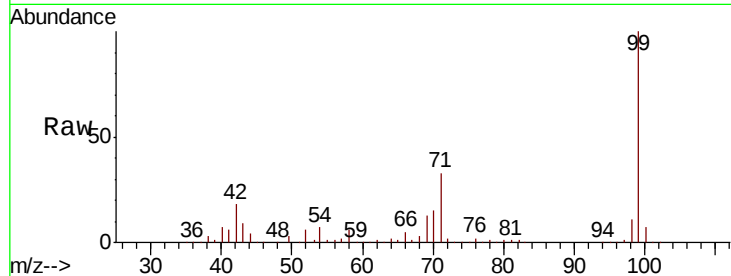
Tot Ion: 99 Resp: 1044663

Ion Ratio Lower Upper

99 100

42 17.9 14.0 21.0

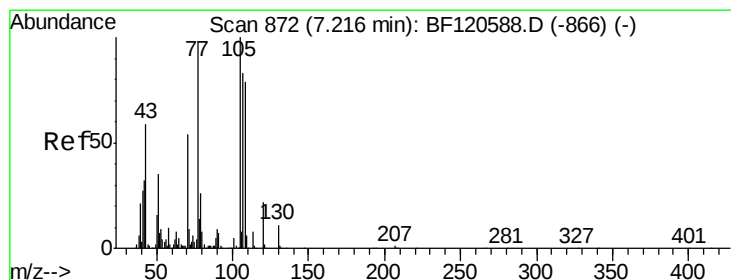
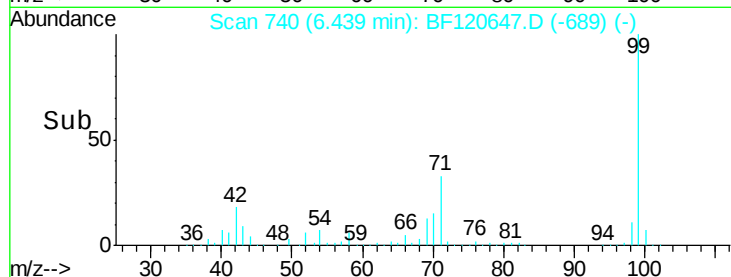
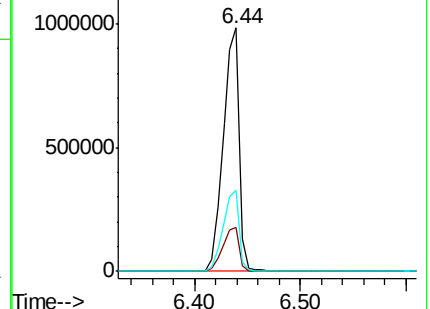
71 33.5 24.9 37.3



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: 15.362 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF120647.D

Acq: 18 Jun 2020 17:39

Tgt Ion: 70 Resp: 94854

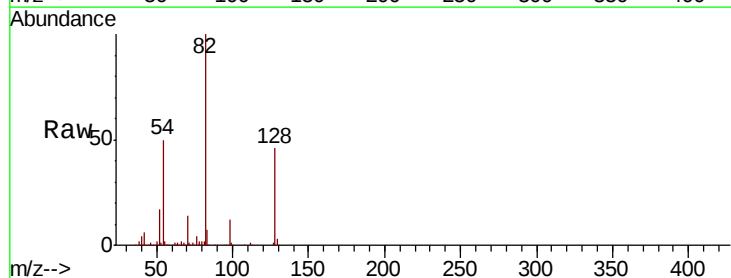
Ion Ratio Lower Upper

70 100

42 47.2 47.7 71.5#

101 0.0 7.6 11.4#

130 2.2 16.7 25.1#

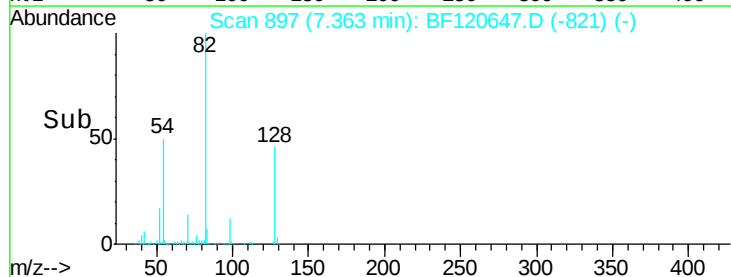
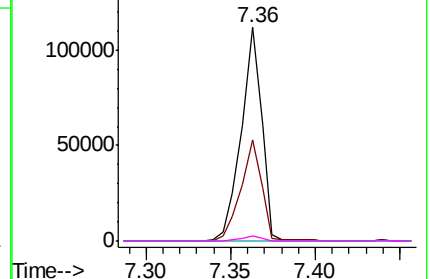


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

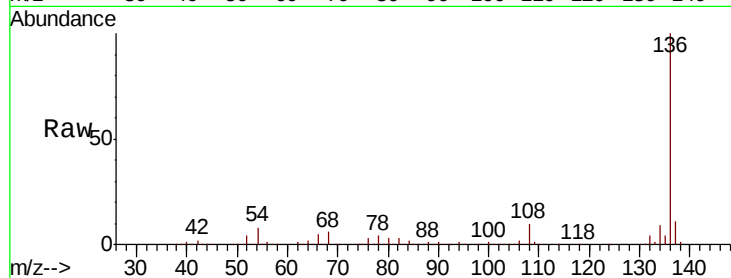




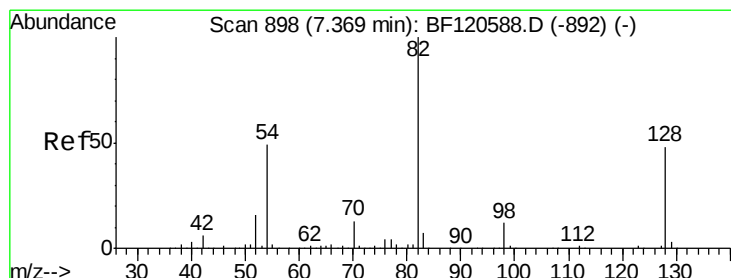
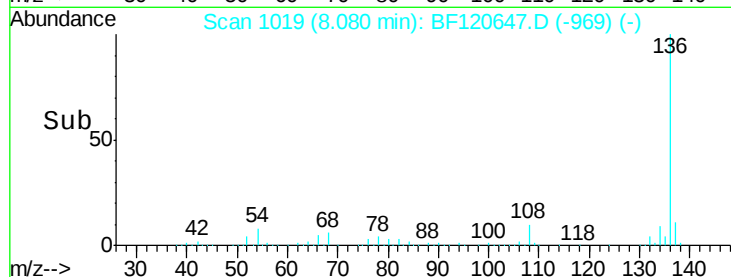
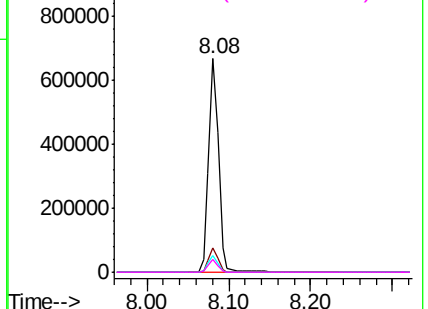
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120647.D
Acq: 18 Jun 2020 17:39

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion:136	Resp:	557265	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.6	13.0	
54 7.7	5.8	8.6	
68 5.7	4.4	6.6	

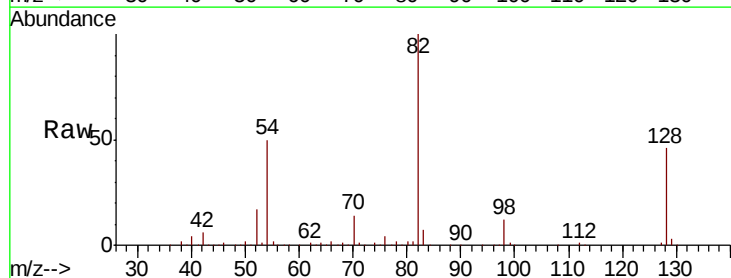


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

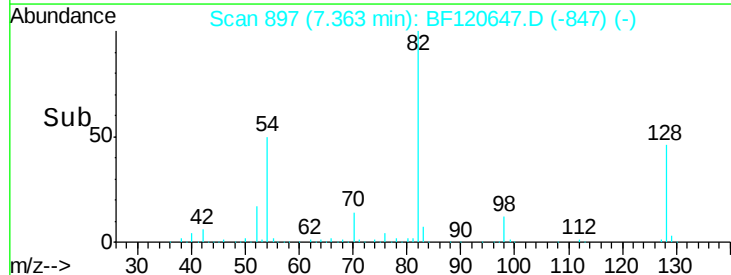
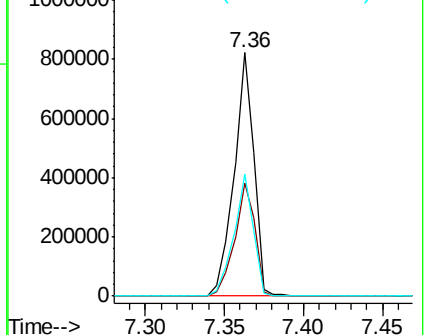


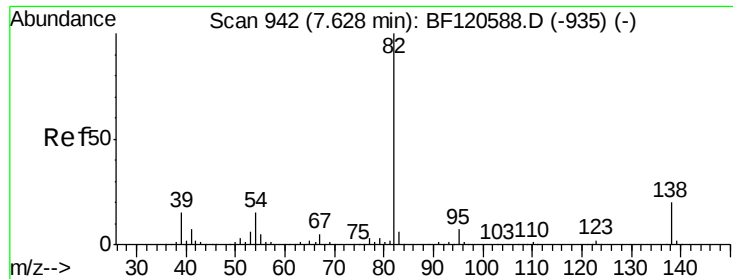
#23
Nitrobenzene-d5
Concen: 71.727 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120647.D
Acq: 18 Jun 2020 17:39

Tgt	Ion: 82	Resp:	715089
Ion	Ratio	Lower	Upper
82	100		
128	46.3	38.0	57.0
54	50.3	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

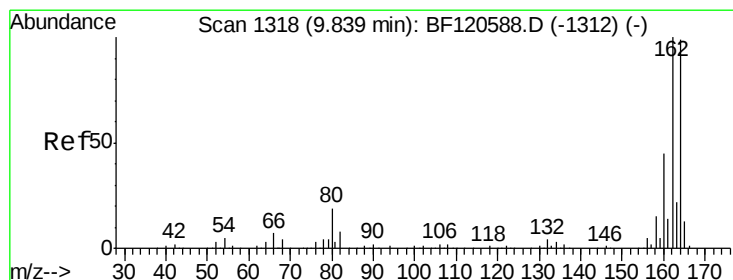
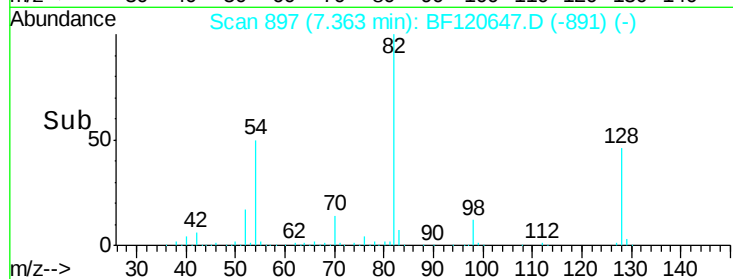
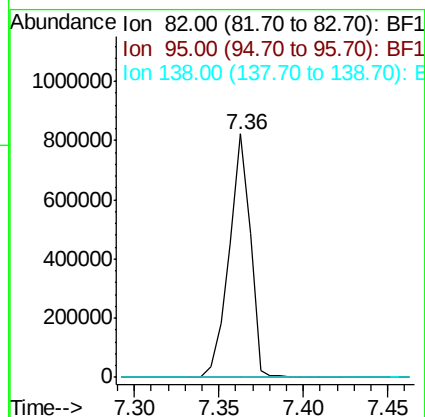
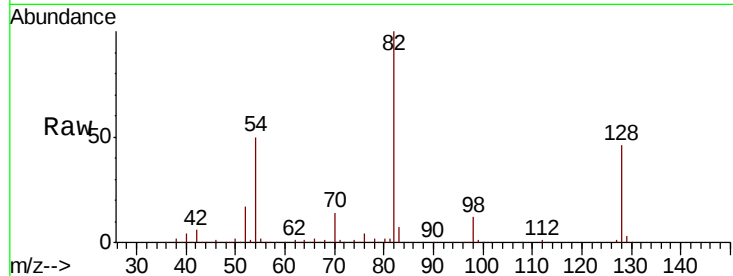




#25
Isophorone
Concen: 36.821 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF120647.D
Acq: 18 Jun 2020 17:39

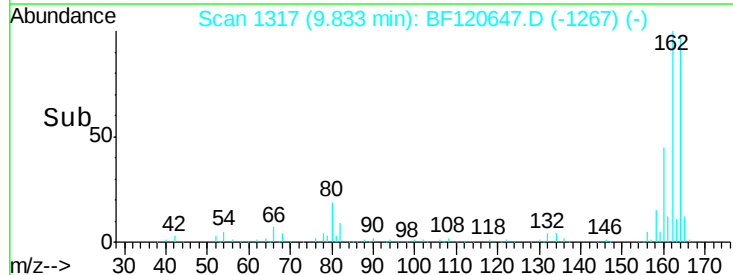
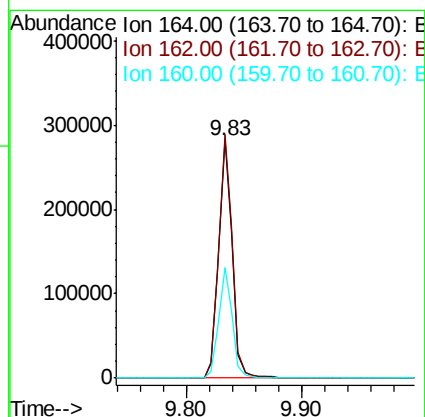
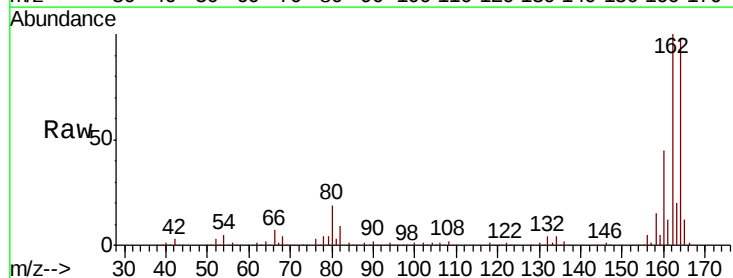
Instrument :
BNA_F
ClientSampled :
TP-4

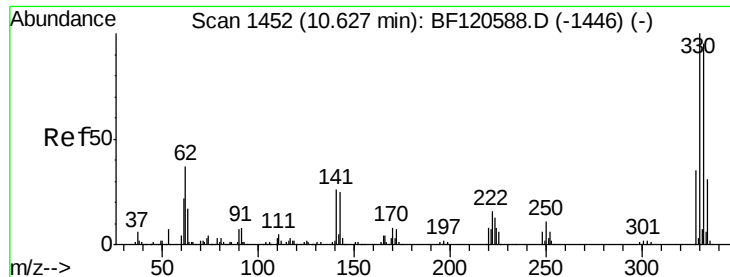
Tot Ion: 82 Resp: 715072
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120647.D
Acq: 18 Jun 2020 17:39

Tgt Ion: 164 Resp: 228408
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 46.2 36.2 54.2

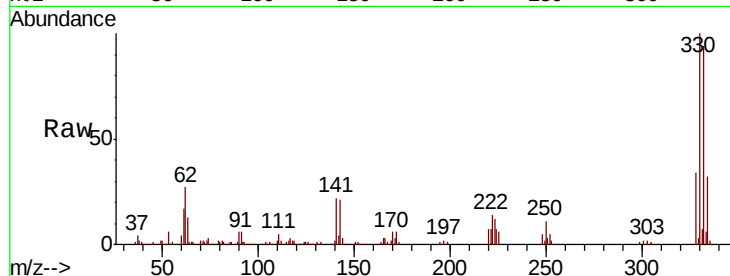




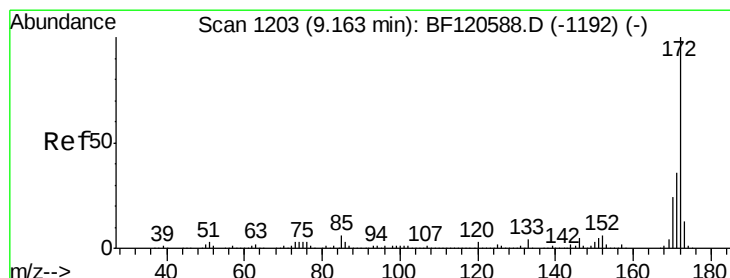
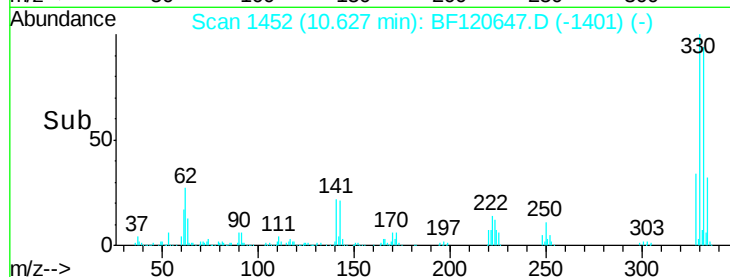
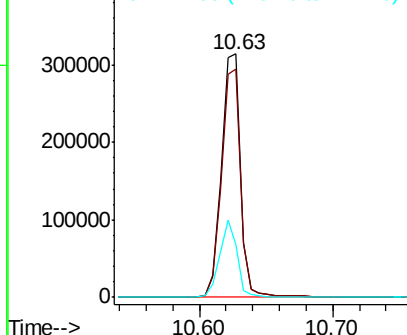
#42
 2,4,6-Tribromophenol
 Concen: 120.325 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120647.D
 Acq: 18 Jun 2020 17:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.8	115.2
141	29.2	23.2	34.8

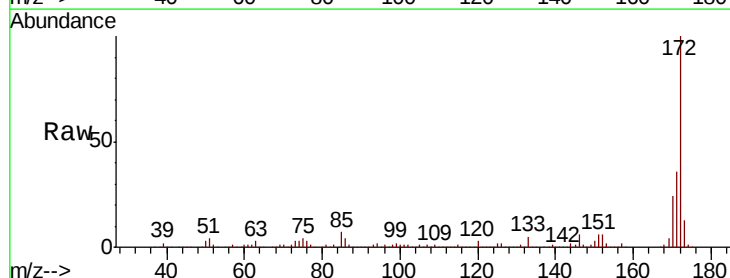


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

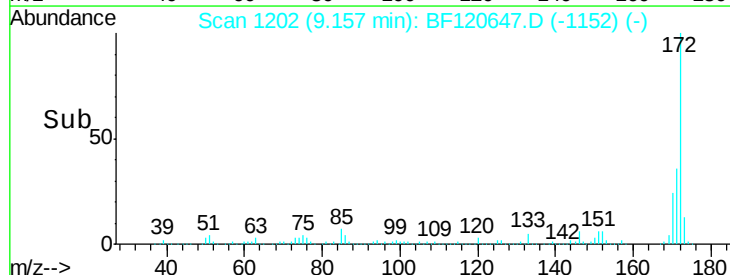
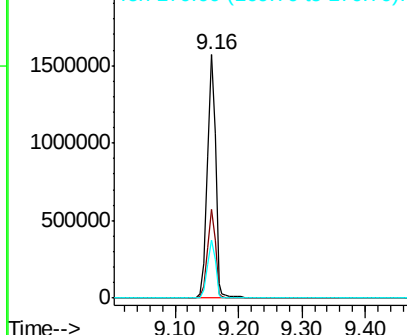


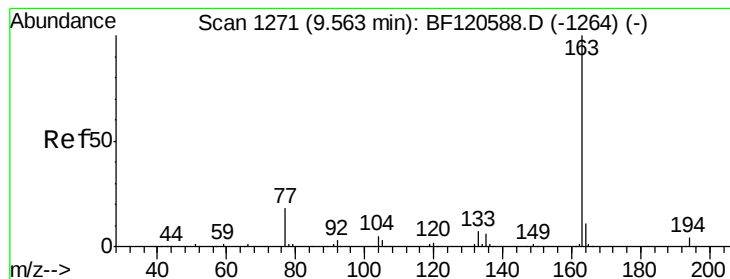
#45
 2-Fluorobiphenyl
 Concen: 94.797 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120647.D
 Acq: 18 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.0	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





#50

Dimethylphthalate

Concen: 6.694 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF120647.D

Acq: 18 Jun 2020 17:39

Instrument :

BNA_F

ClientSampleId :

TP-4

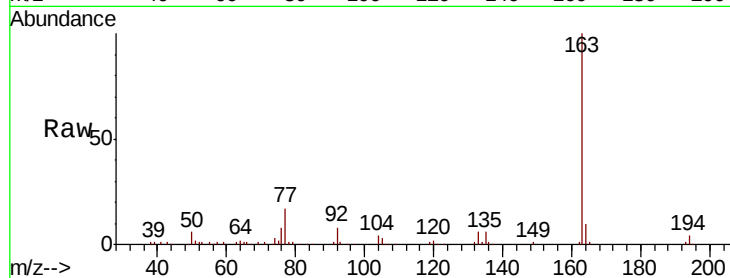
Tot Ion:163 Resp: 110110

Ion Ratio Lower Upper

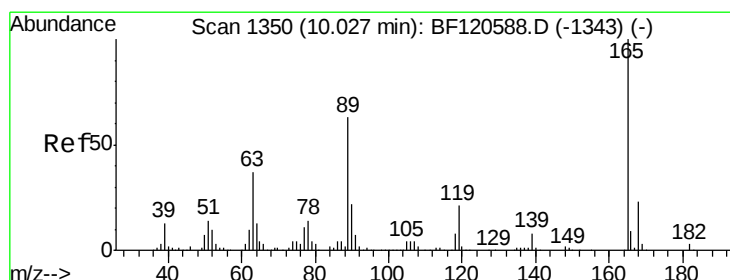
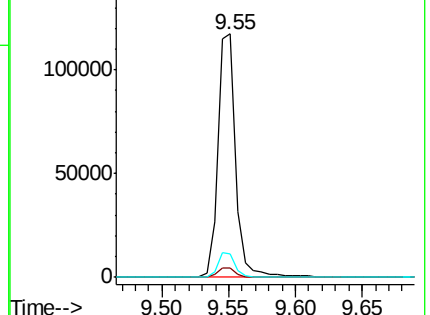
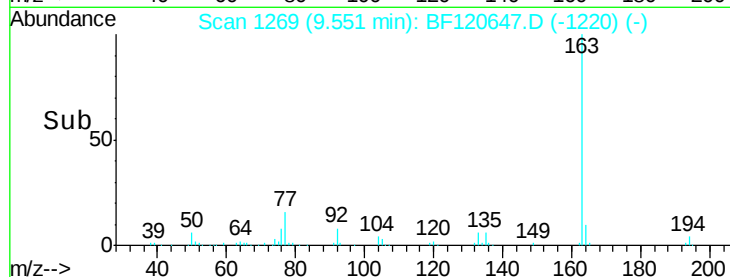
163 100

194 4.0 3.1 4.7

164 9.6 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: 5.951 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BF120647.D

Acq: 18 Jun 2020 17:39

Tgt Ion:165 Resp: 29441

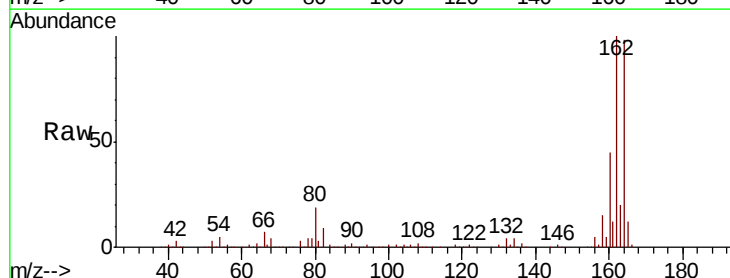
Ion Ratio Lower Upper

165 100

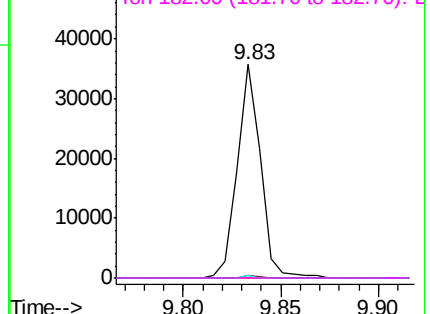
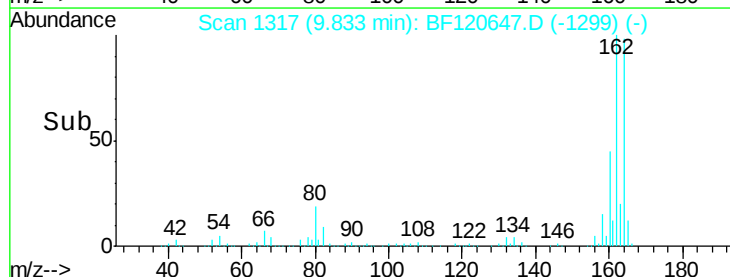
63 1.2 29.8 44.8#

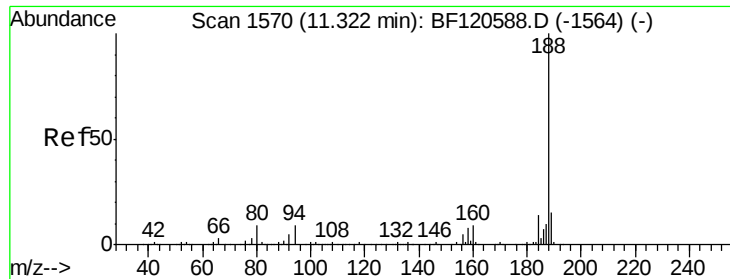
89 1.2 50.4 75.6#

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: BF120647.D

Acq: 18 Jun 2020 17:39

Instrument :

BNA_F

ClientSampleId :

TP-4

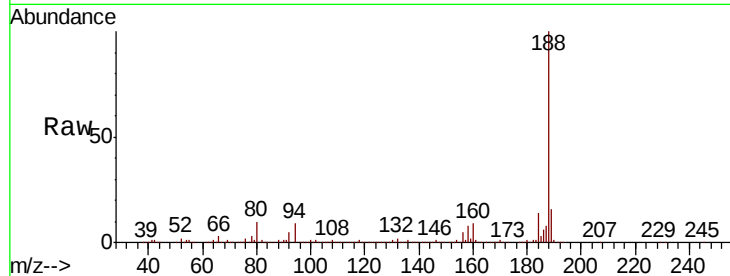
Tot Ion:188 Resp: 441260

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

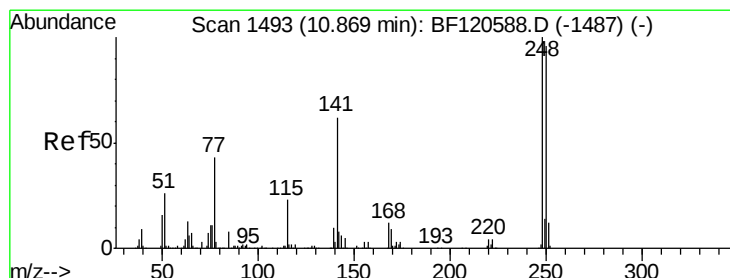
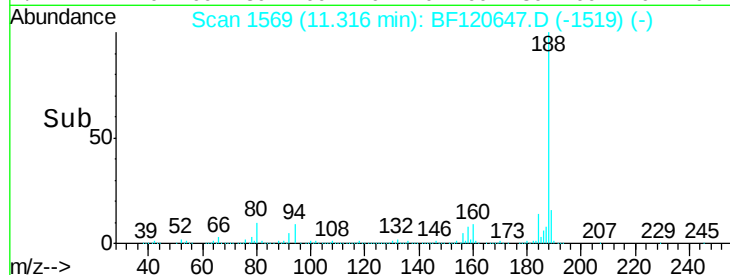
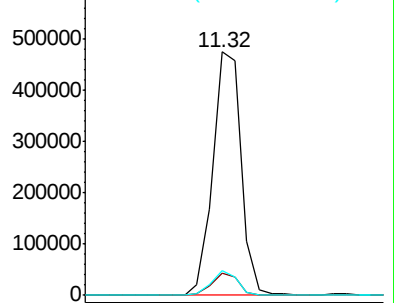
80 10.0 7.4 11.2



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: 3.690 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BF120647.D

Acq: 18 Jun 2020 17:39

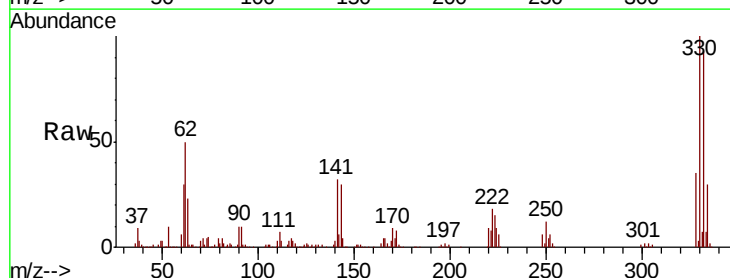
Tgt Ion:248 Resp: 18477

Ion Ratio Lower Upper

248 100

250 205.9 76.7 115.1#

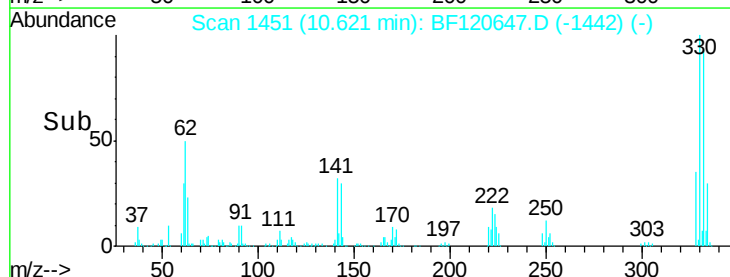
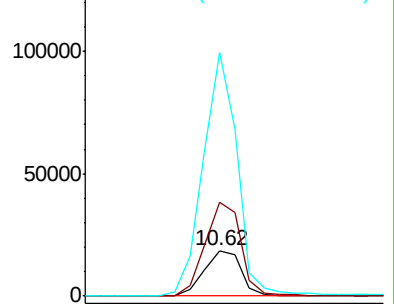
141 536.9 49.4 74.0#

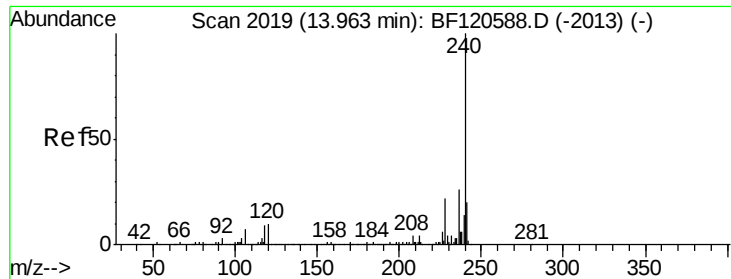


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

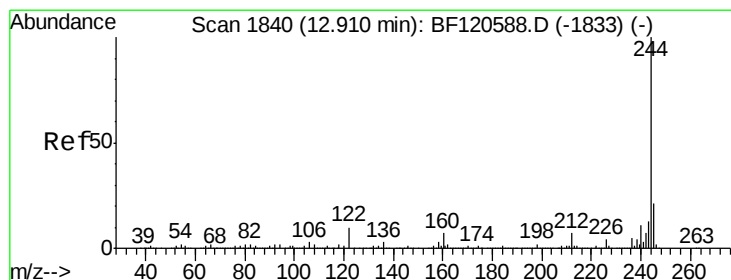
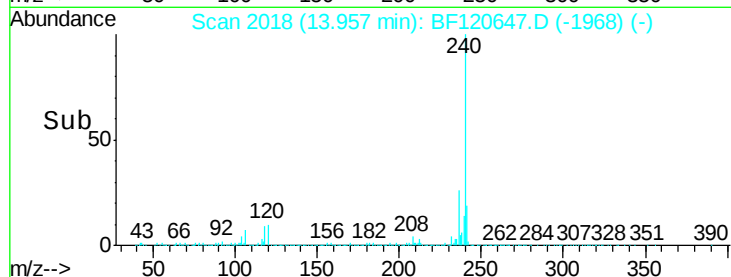
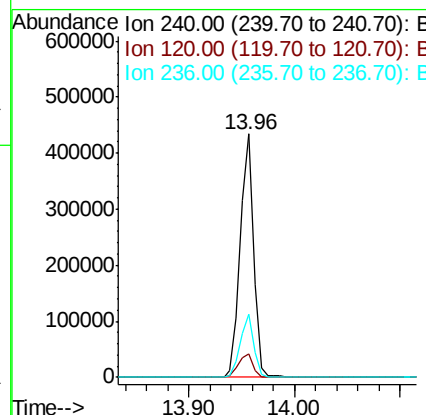
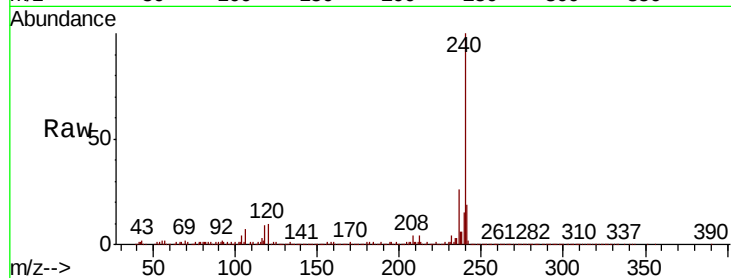




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF120647.D
Acq: 18 Jun 2020 17:39

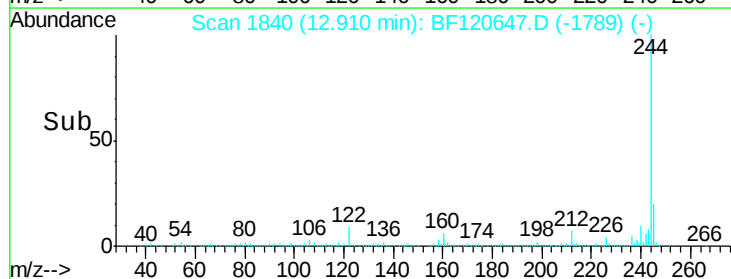
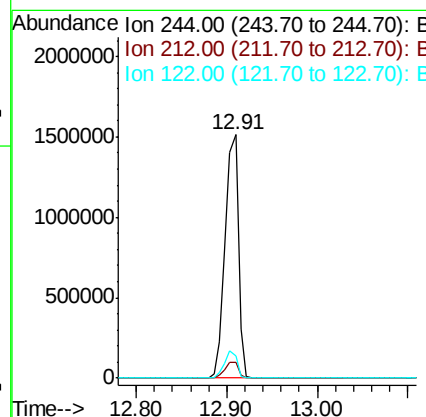
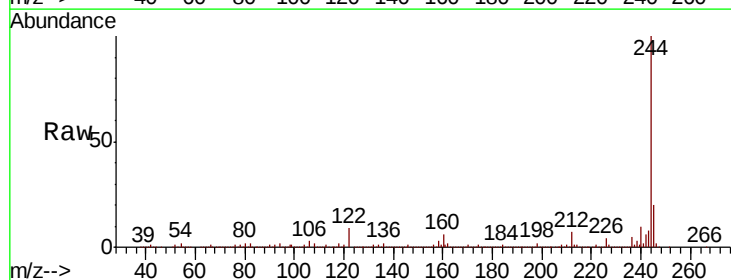
Instrument :
BNA_F
ClientSampleId :
TP-4

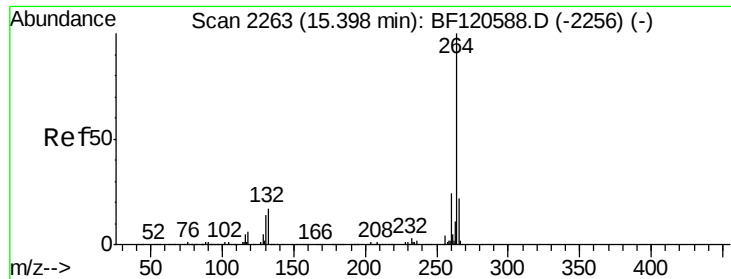
Tot Ion:240 Resp: 374540
Ion Ratio Lower Upper
240 100
120 9.8 8.3 12.5
236 25.9 21.0 31.4



#79
Terphenyl-d14
Concen: 89.625 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF120647.D
Acq: 18 Jun 2020 17:39

Tgt Ion:244 Resp: 1519693
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 9.3 8.3 12.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF120647.D
Acq: 18 Jun 2020 17:39

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	21.8	17.8	26.8

