

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 18:41:13 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

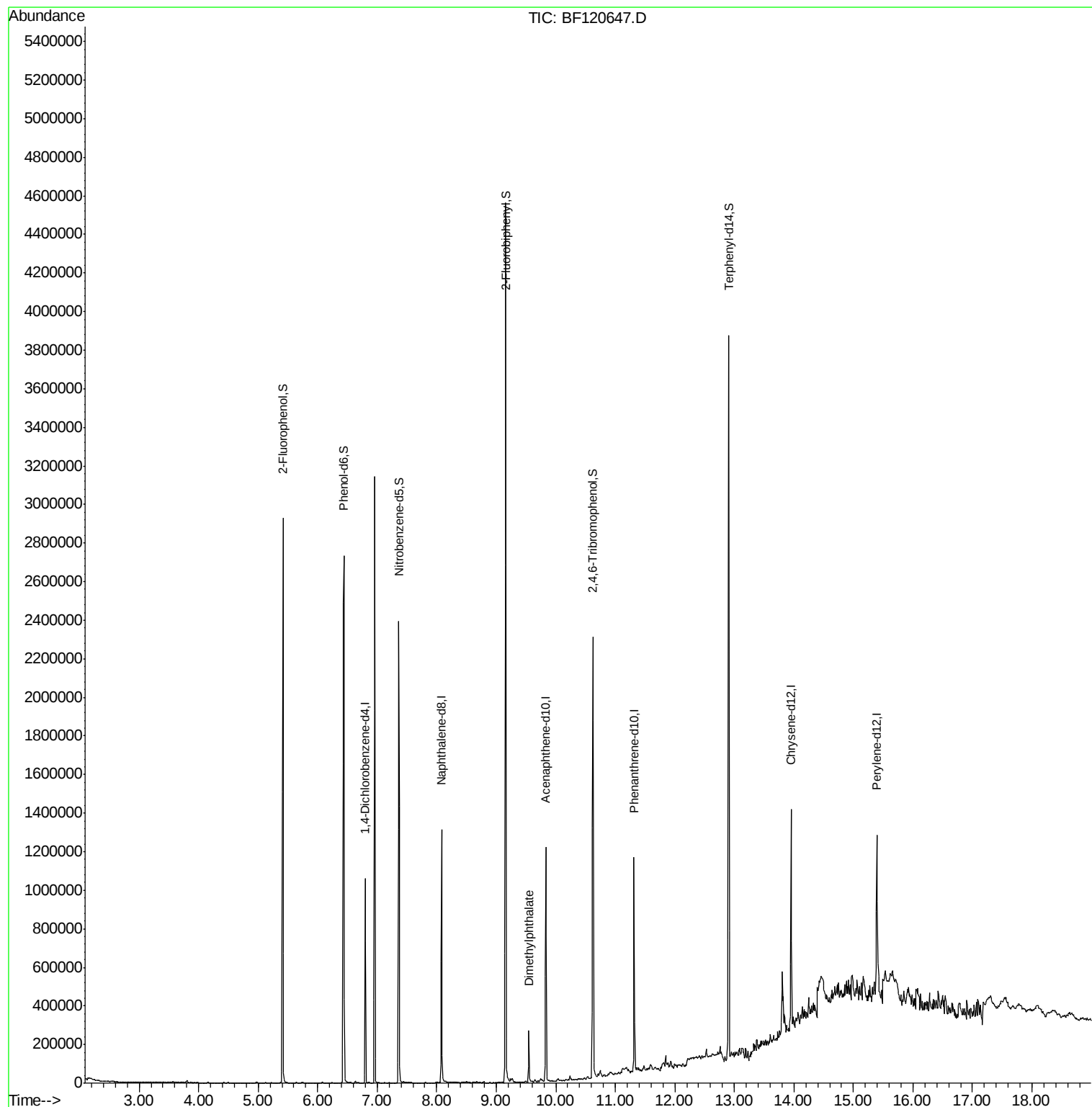
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	146522	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	557265	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	228408	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	441260	20.00	ng	0.00
76) Chrysene-d12	13.96	240	374540	20.00	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						
50) Dimethylphthalate	9.55	163	110110	6.694	ng	Qvalue 98

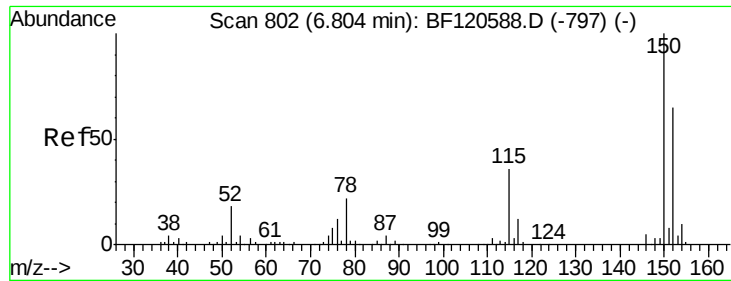
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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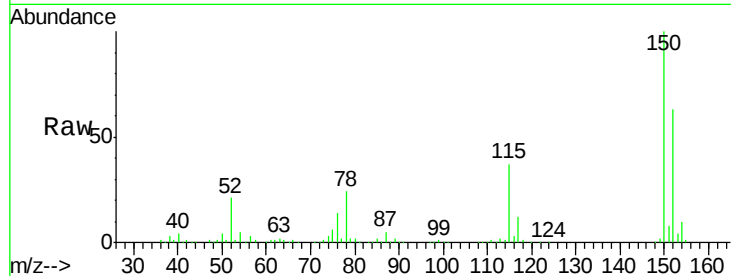


#1

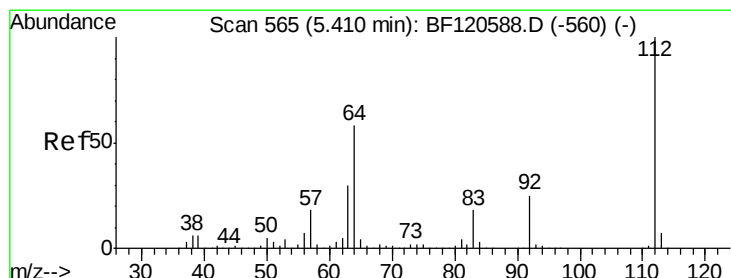
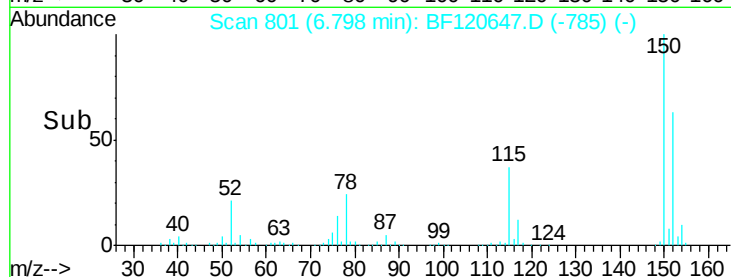
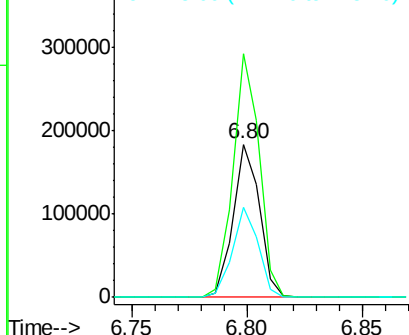
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120647.D
Acq: 18 Jun 2020 17:39

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



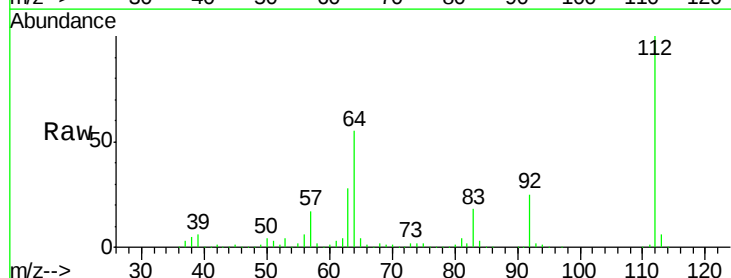
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



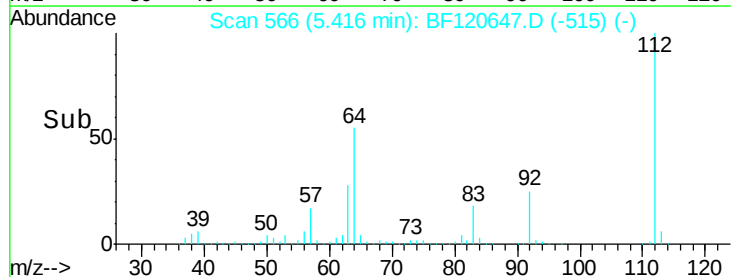
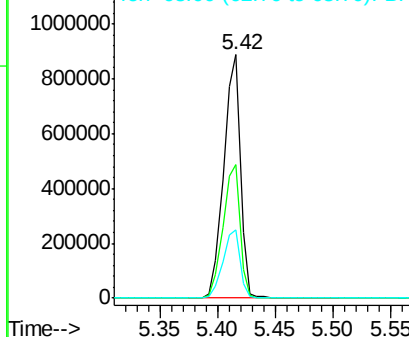
#5

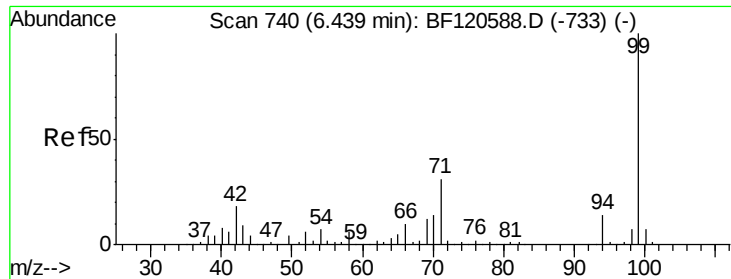
2-Fluorophenol
Concen: 104.298 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF120647.D
Acq: 18 Jun 2020 17:39

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

ClientSampled :

TP-4

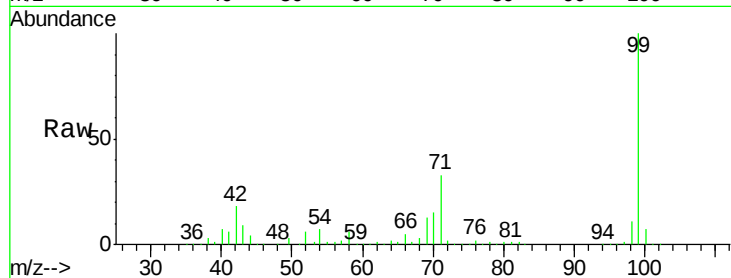
Tot Ion: 99 Resp: 1044663

Ion Ratio Lower Upper

99 100

42 17.9 14.0 21.0

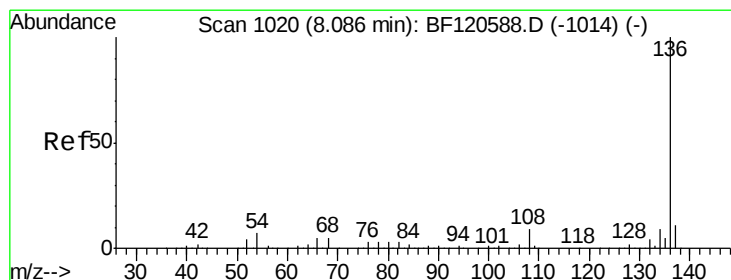
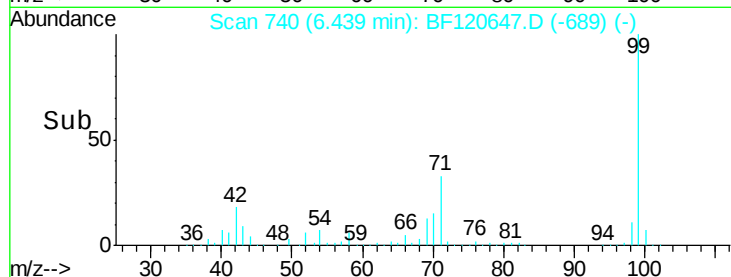
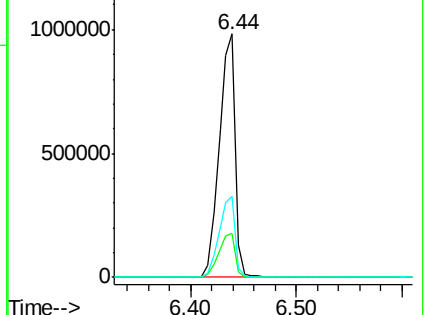
71 33.5 24.9 37.3



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



#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

Tgt Ion: 136 Resp: 557265

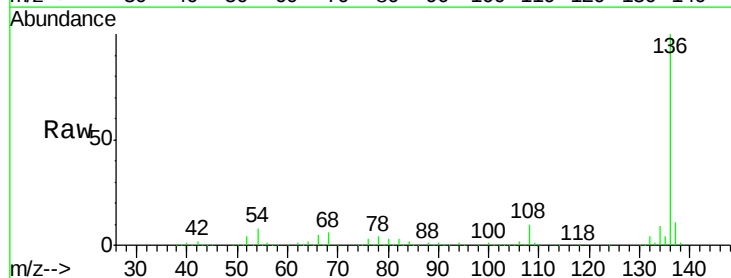
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 7.7 5.8 8.6

68 5.7 4.4 6.6

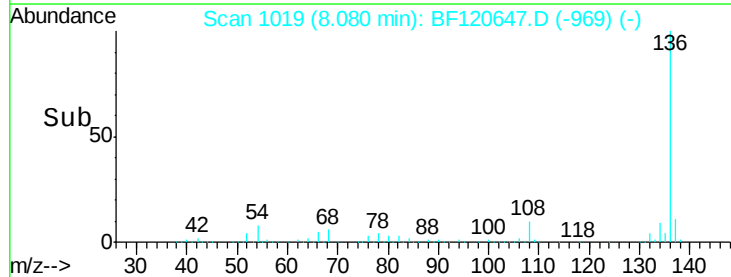
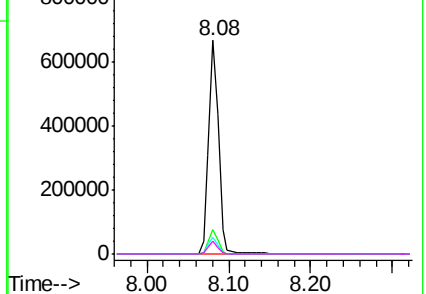


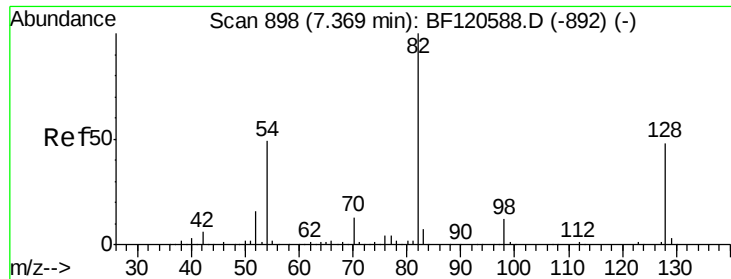
Abundance Ion 136.00 (135.70 to 136.70): E

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

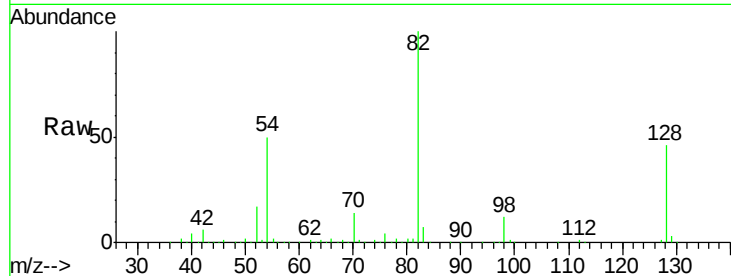




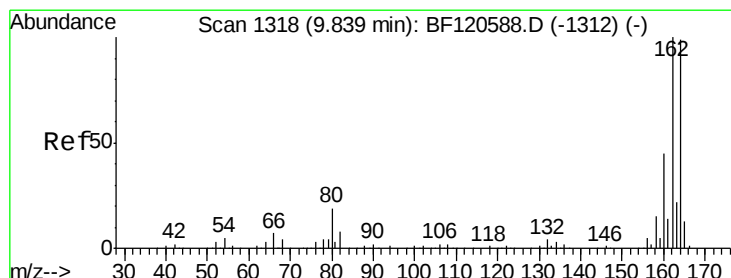
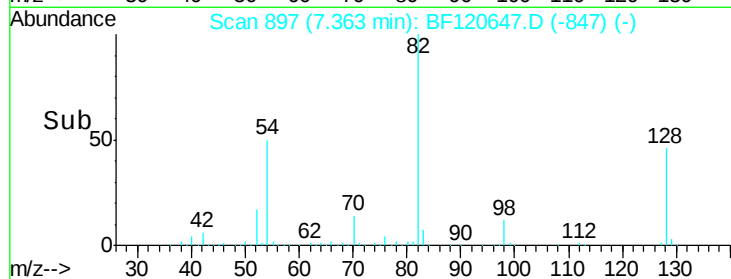
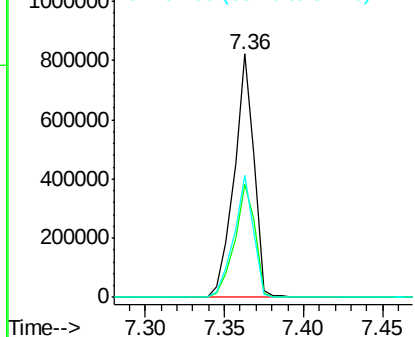
#23
 Nitrobenzene-d5
 Concen: 71.727 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF120647.D
 Acq: 18 Jun 2020 17:39

Instrument :
 BNA_F
 ClientSampled :
 TP-4

Tot Ion: 82 Resp: 715089
 Ion Ratio Lower Upper
 82 100
 128 46.3 38.0 57.0
 54 50.3 38.8 58.2

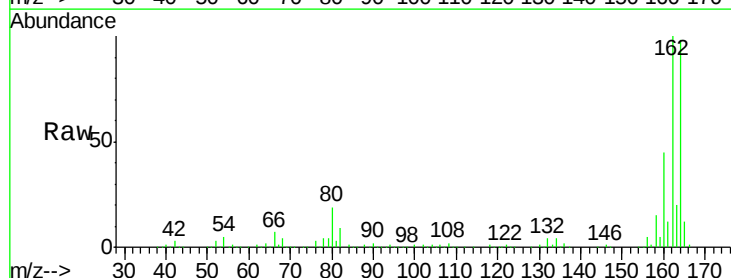


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

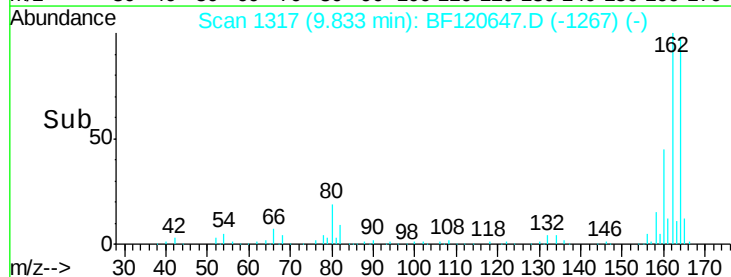
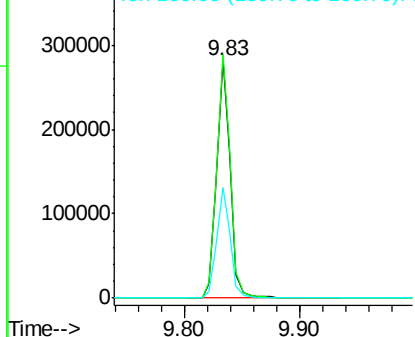


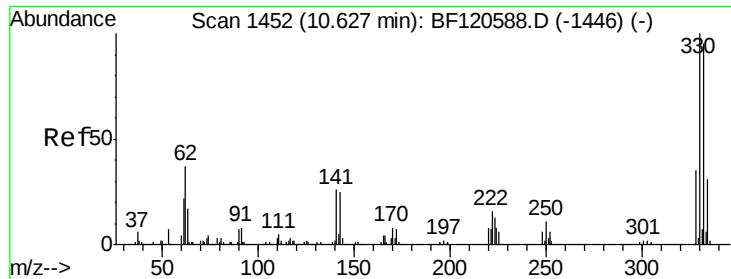
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF120647.D
 Acq: 18 Jun 2020 17:39

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



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: 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

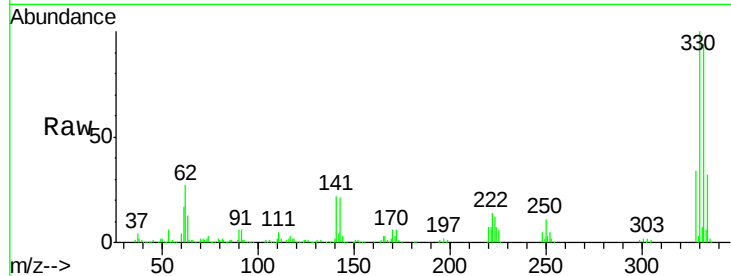
Tot Ion:330 Resp: 319531

Ion Ratio Lower Upper

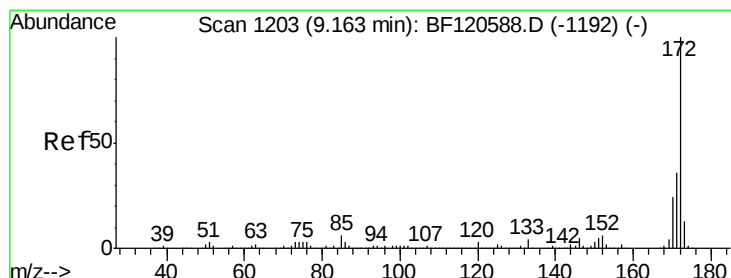
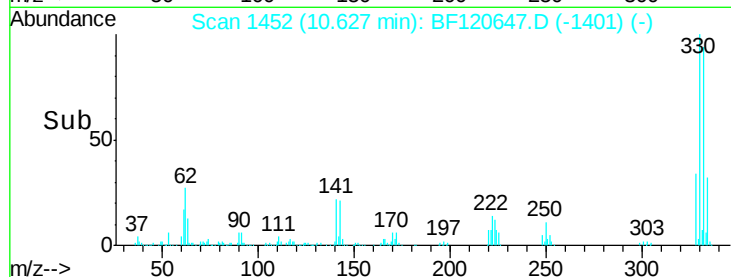
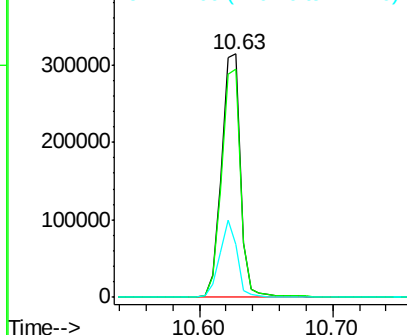
330 100

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

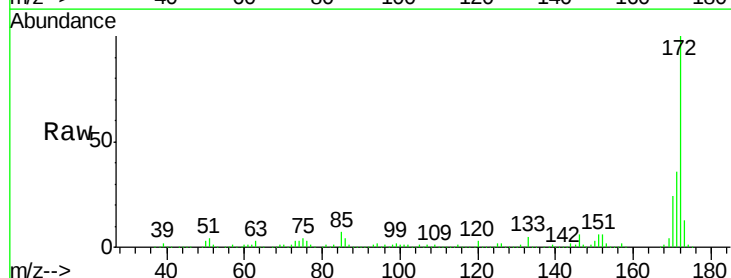
Tgt Ion:172 Resp: 1415195

Ion Ratio Lower Upper

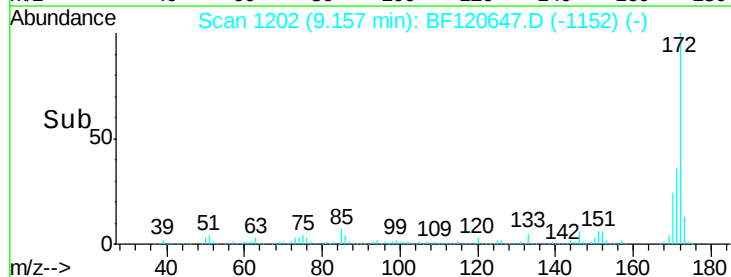
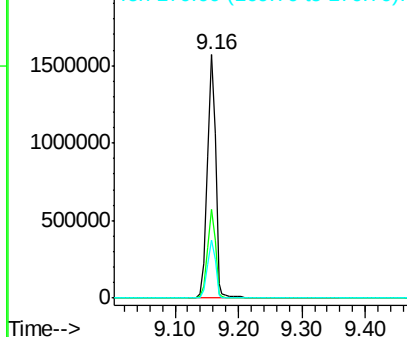
172 100

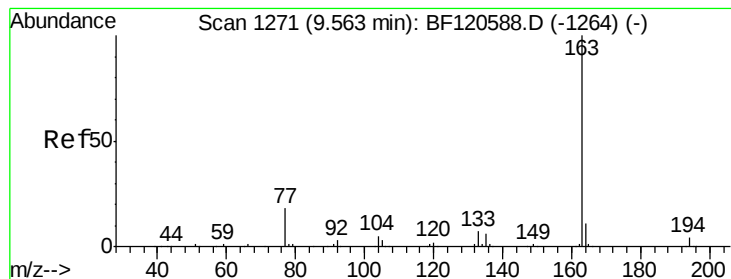
171 36.3 29.0 43.4

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

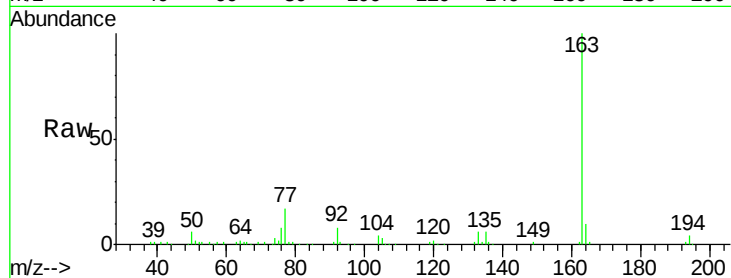
Tot Ion:163 Resp: 110110

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

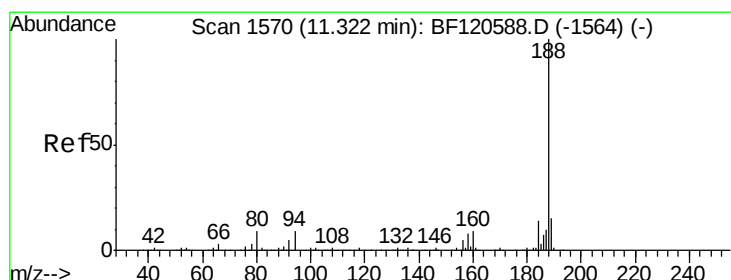
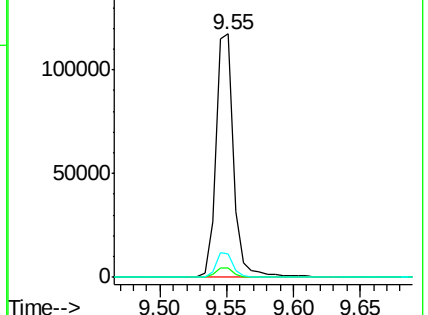
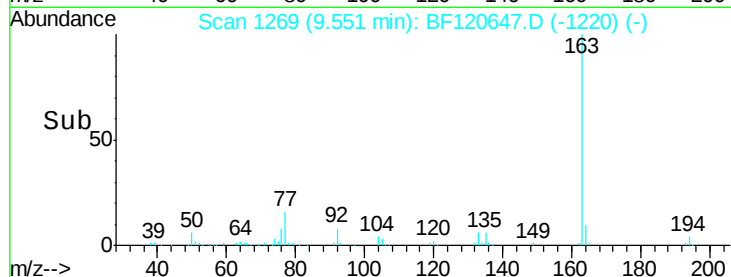
164 9.6 8.5 12.7



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



#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

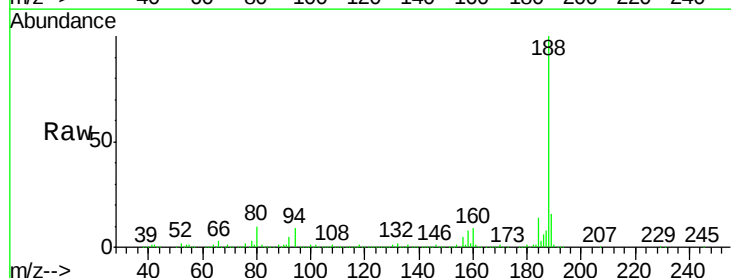
Tgt Ion:188 Resp: 441260

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

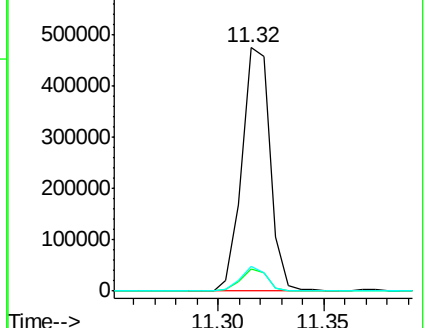
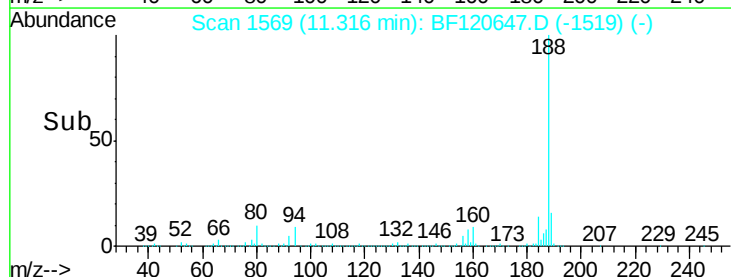
80 10.0 7.4 11.2

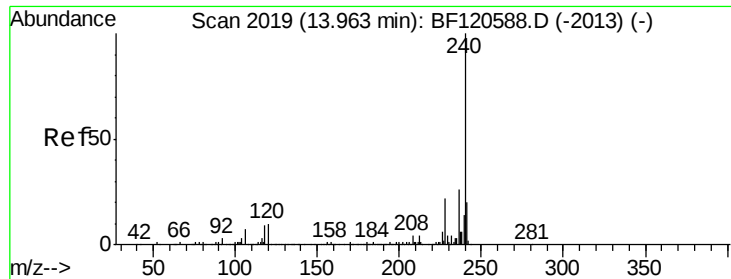


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

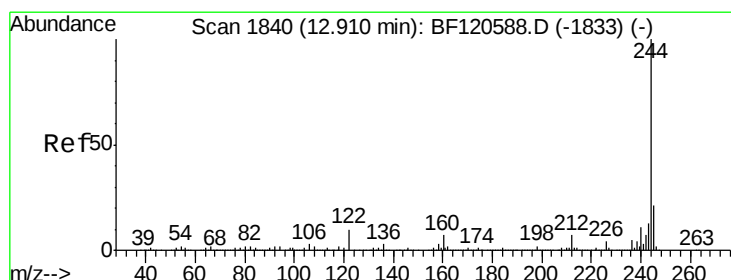
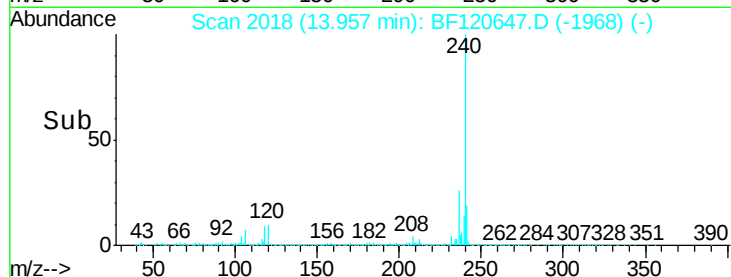
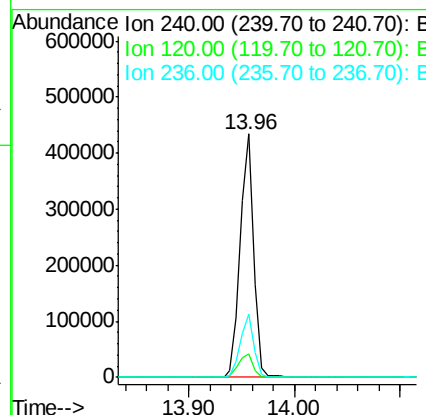
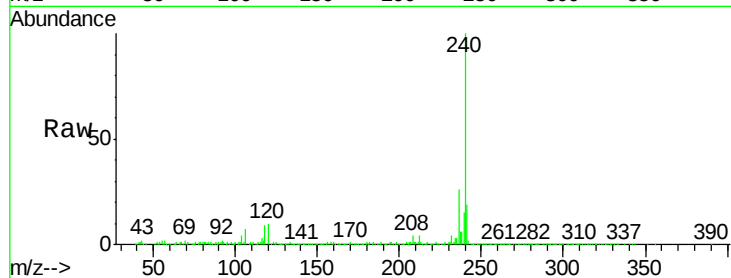




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF120647.D
 Acq: 18 Jun 2020 17:39

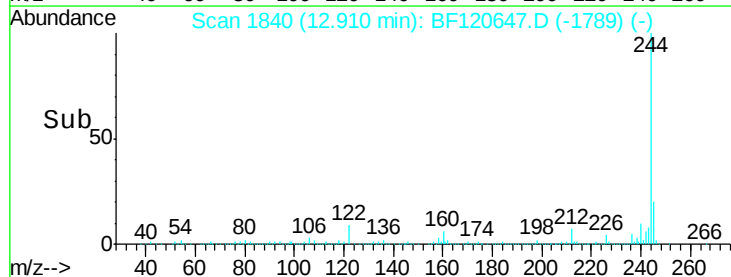
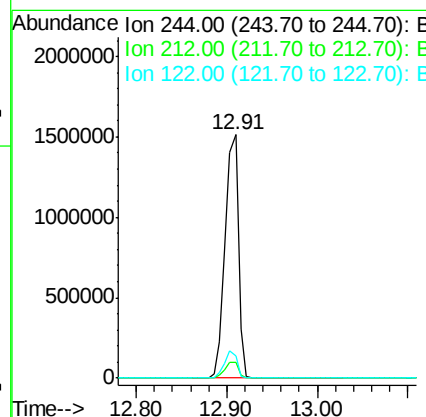
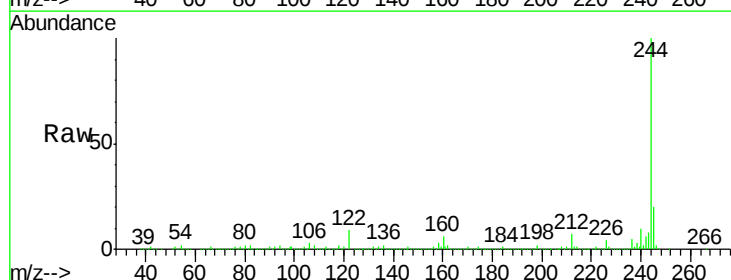
Instrument :
 BNA_F
 ClientSampleId :
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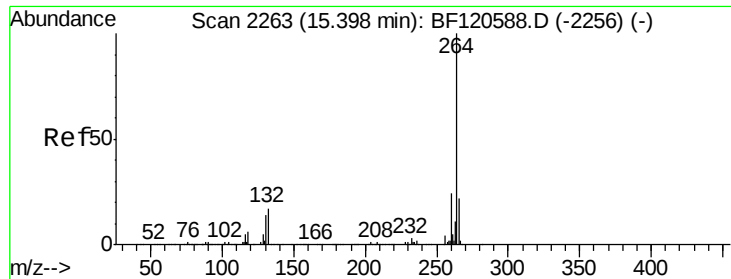
Tot Ion:240 Resp: 374540
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.3 12.5
 236 25.9 21.0 31.4



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

