

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120720.D
 Acq On : 26 Jun 2020 20:30
 Operator : JU/CG
 Sample : L3115-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP

Quant Time: Jun 27 00:47:47 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

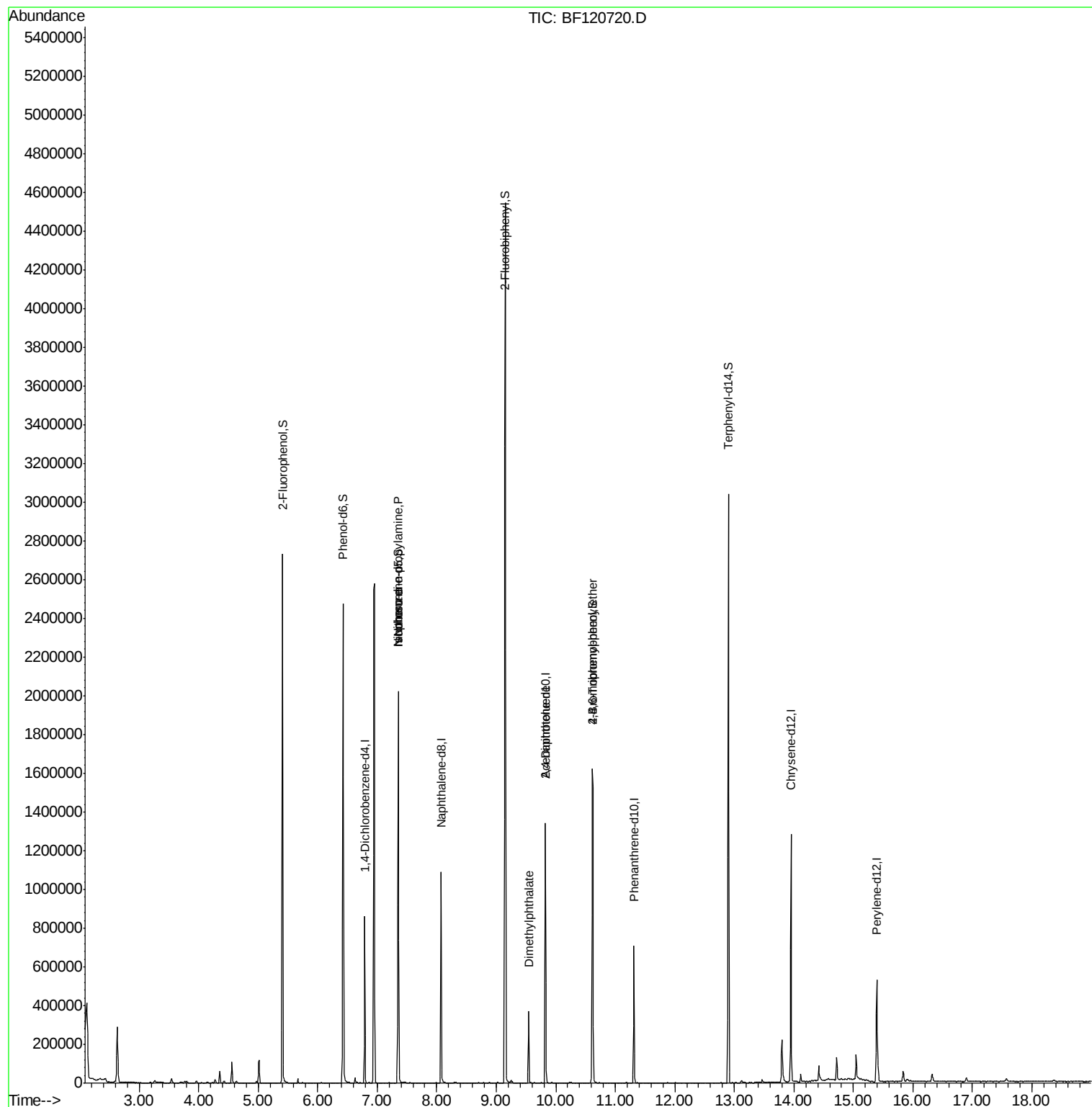
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	132829	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	515732	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	267859	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	286637	20.00	ng	-0.01
76) Chrysene-d12	13.95	240	420698	20.00	ng	-0.01
86) Perylene-d12	15.39	264	260477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	802433	103.57	ng	0.00
7) Phenol-d6	6.43	99	916263	94.95	ng	-0.01
23) Nitrobenzene-d5	7.36	82	698999	75.76	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	237793	76.36	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1501710	85.78	ng	-0.01
79) Terphenyl-d14	12.90	244	1168247	61.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	92049	16.445	ng	# 78
25) Isophorone	7.36	82	694483	38.641	ng	# 62
50) Dimethylphthalate	9.55	163	151494	7.853	ng	98
57) 2,4-Dinitrotoluene	9.83	165	33829	5.831	ng	# 28
67) 4-Bromophenyl-phenylether	10.62	248	14373	4.418	ng	# 1

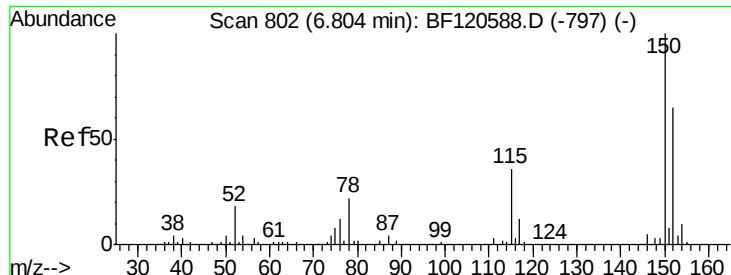
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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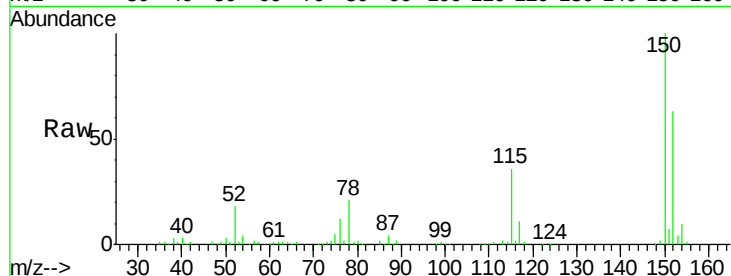


#1

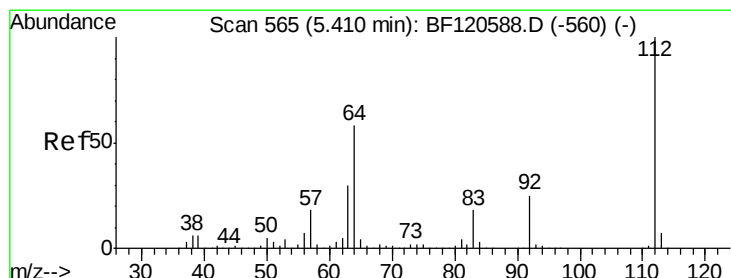
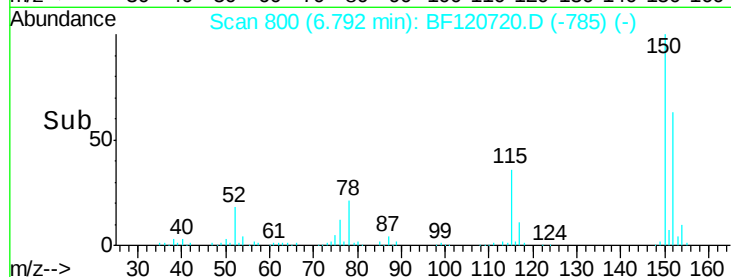
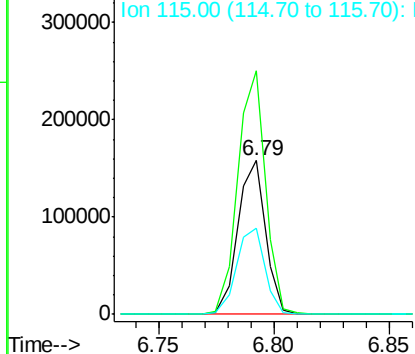
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF120720.D
Acq: 26 Jun 2020 20:30

Instrument :
BNA_F
ClientSampleId :
TP

Tot Ion:152 Resp: 132829
Ion Ratio Lower Upper
152 100
150 158.7 123.2 184.8
115 56.6 43.9 65.9



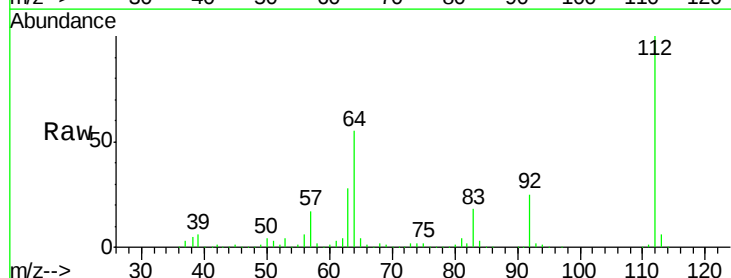
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



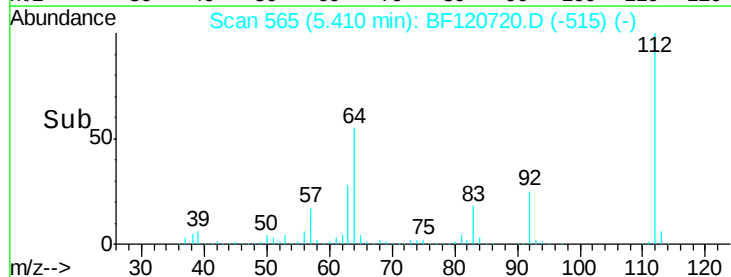
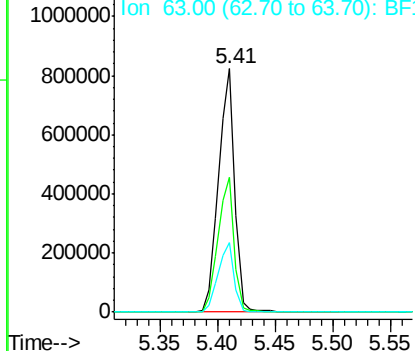
#5

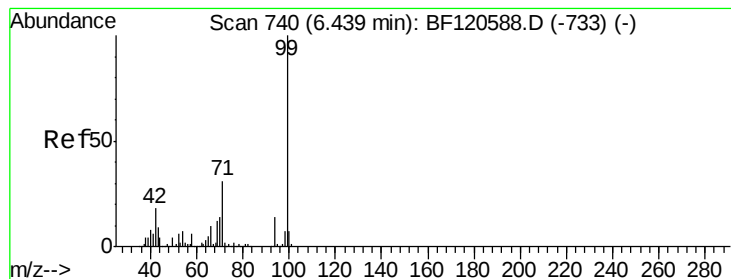
2-Fluorophenol
Concen: 103.572 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120720.D
Acq: 26 Jun 2020 20:30

Tgt Ion:112 Resp: 802433
Ion Ratio Lower Upper
112 100
64 55.4 46.1 69.1
63 28.3 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: 94.953 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120720.D

Acq: 26 Jun 2020 20:30

Instrument :

BNA_F

ClientSampleId :

TP

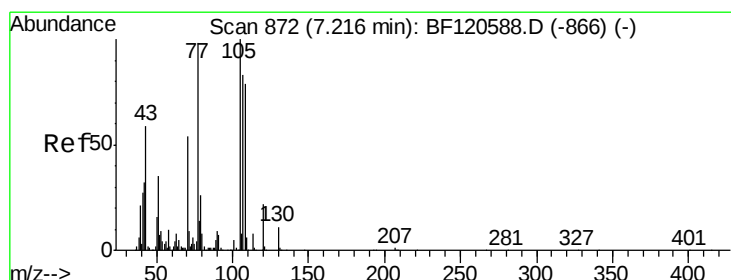
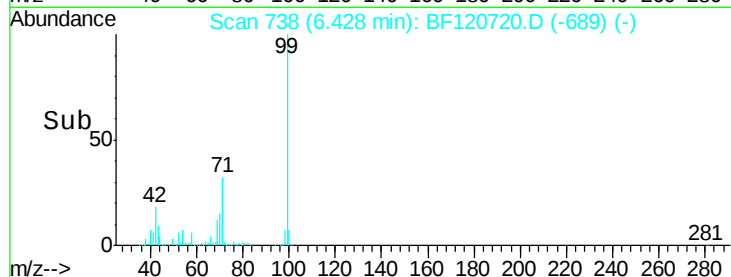
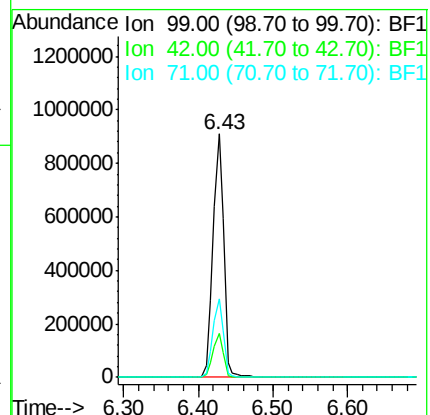
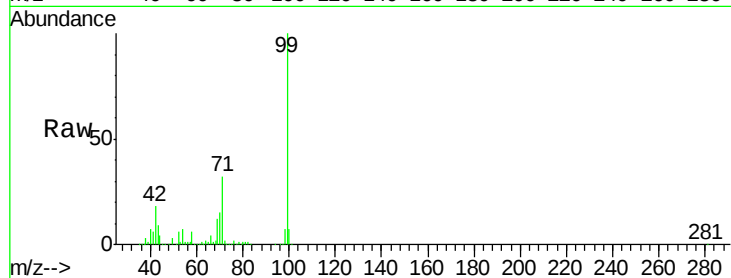
Tot Ion: 99 Resp: 916263

Ion Ratio Lower Upper

99 100

42 18.0 14.0 21.0

71 32.5 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.445 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120720.D

Acq: 26 Jun 2020 20:30

Tgt Ion: 70 Resp: 92049

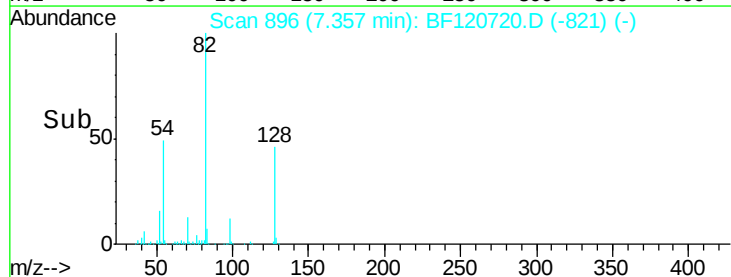
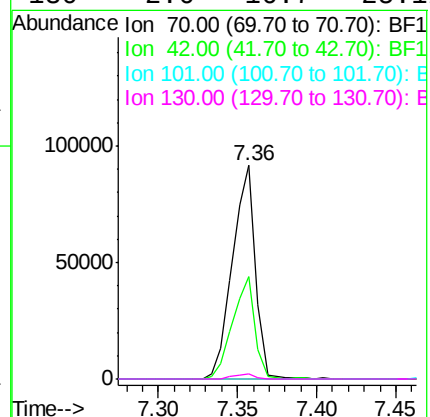
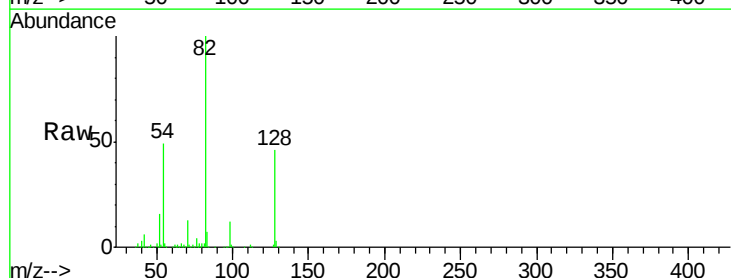
Ion Ratio Lower Upper

70 100

42 48.0 47.7 71.5

101 0.0 7.6 11.4#

130 2.6 16.7 25.1#

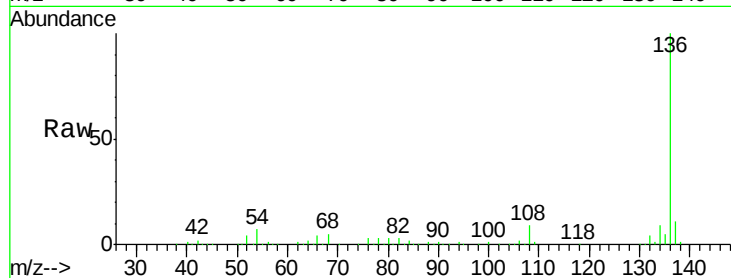




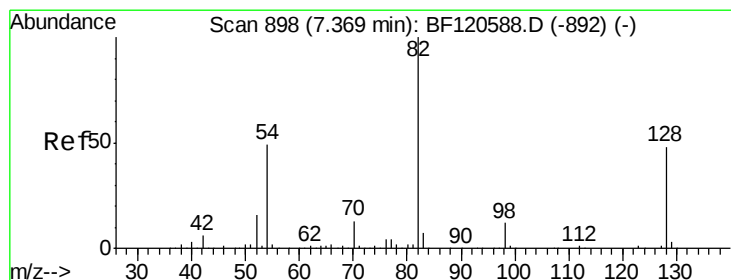
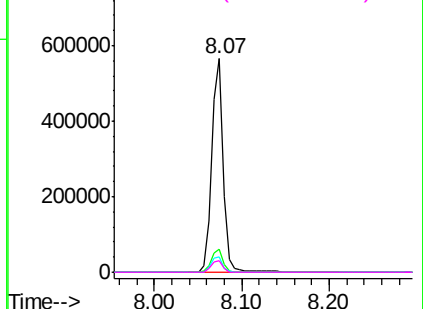
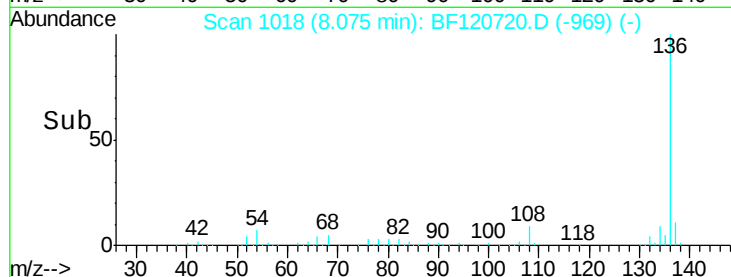
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF120720.D
Acq: 26 Jun 2020 20:30

Instrument :
BNA_F
ClientSampleId :
TP

Tot Ion:136 Resp: 515732
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.9 5.8 8.6
68 5.3 4.4 6.6

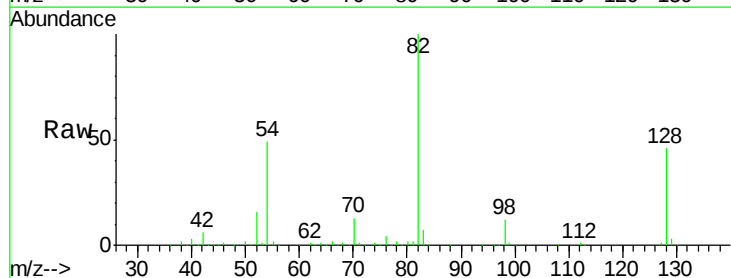


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

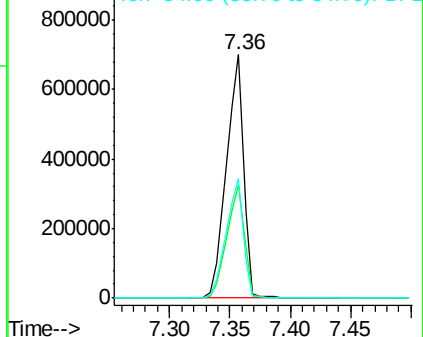
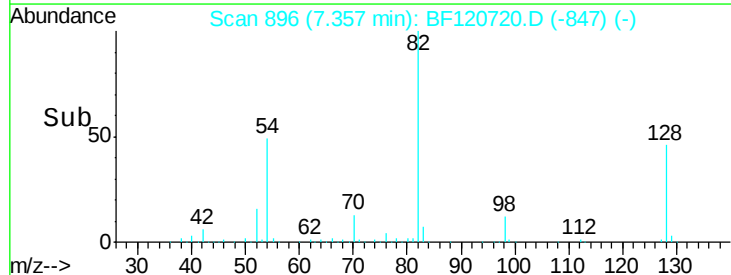


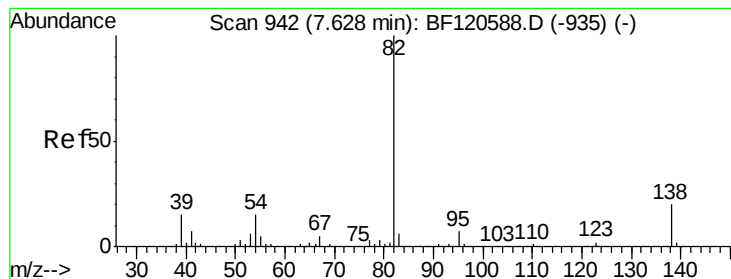
#23
Nitrobenzene-d5
Concen: 75.760 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120720.D
Acq: 26 Jun 2020 20:30

Tgt Ion: 82 Resp: 698999
Ion Ratio Lower Upper
82 100
128 46.5 38.0 57.0
54 49.2 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: 38.641 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF120720.D

Acq: 26 Jun 2020 20:30

Instrument :

BNA_F

ClientSampled :

TP

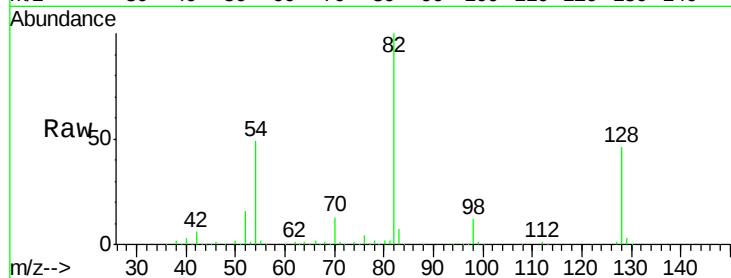
Tot Ion: 82 Resp: 694483

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

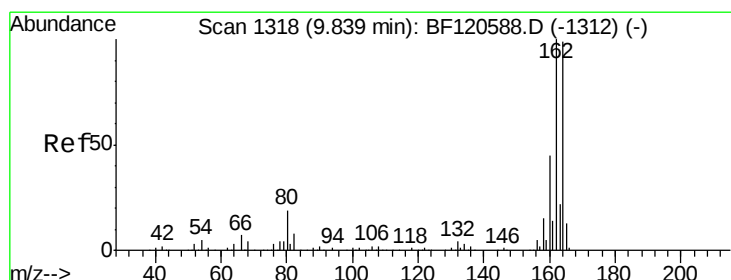
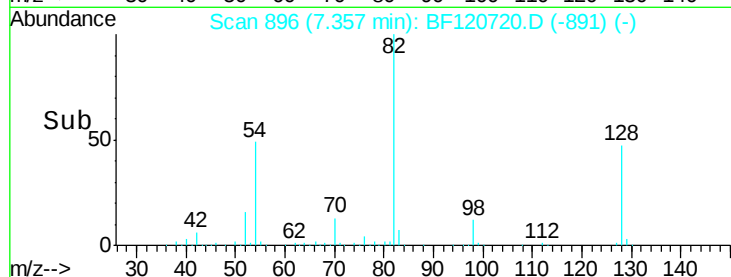
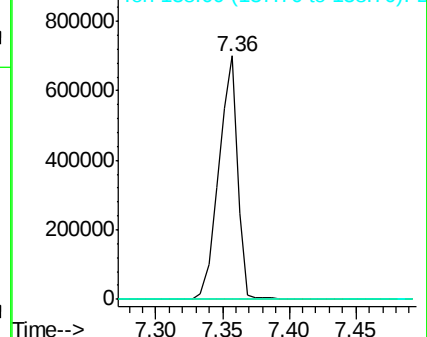
138 0.0 16.2 24.4#



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# 1316

Delta R.T. -0.01 min

Lab File: BF120720.D

Acq: 26 Jun 2020 20:30

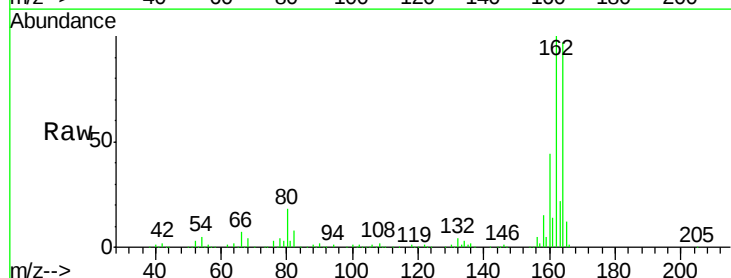
Tgt Ion: 164 Resp: 267859

Ion Ratio Lower Upper

164 100

162 102.6 80.6 120.8

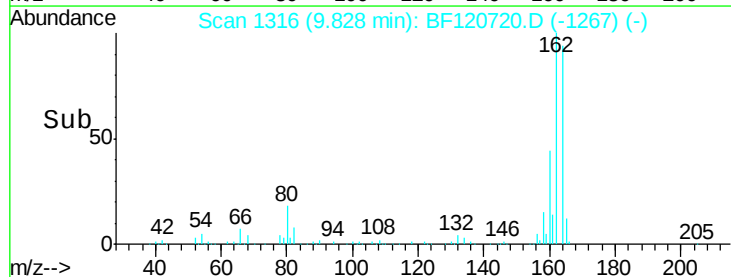
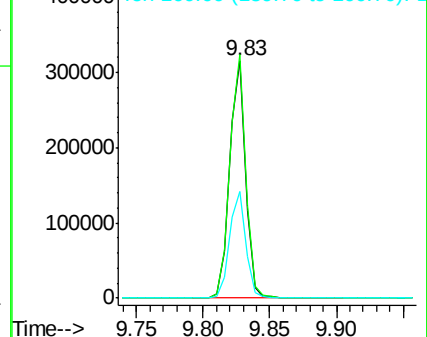
160 45.1 36.2 54.2

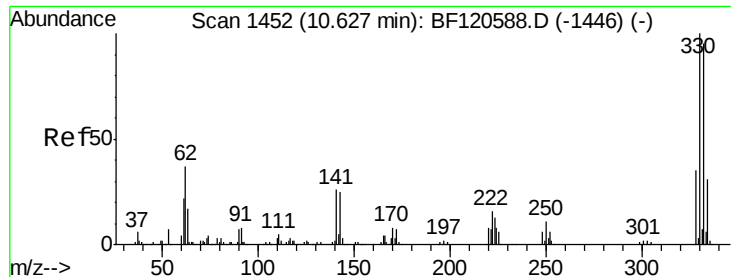


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

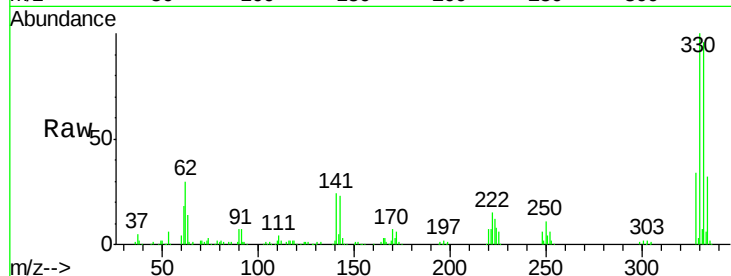




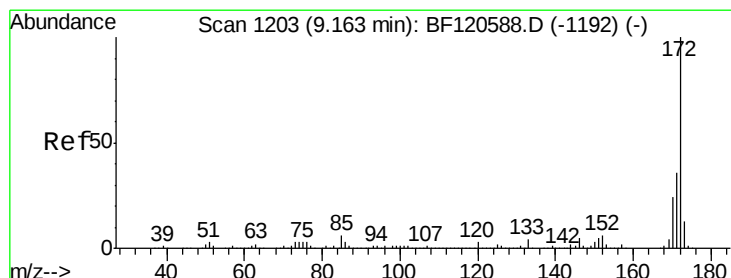
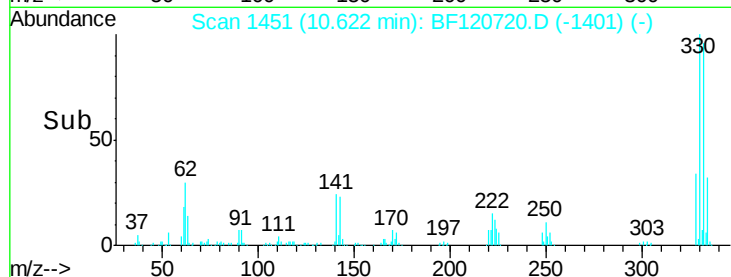
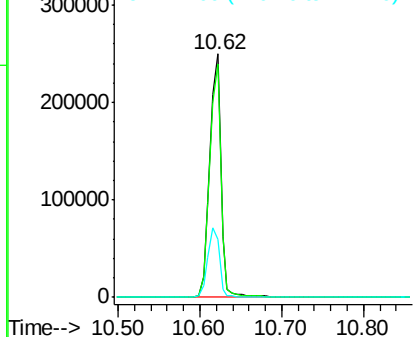
#42
 2,4,6-Tribromophenol
 Concen: 76.357 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120720.D
 Acq: 26 Jun 2020 20:30

Instrument :
 BNA_F
 ClientSampleId :
 TP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	29.6	23.2	34.8

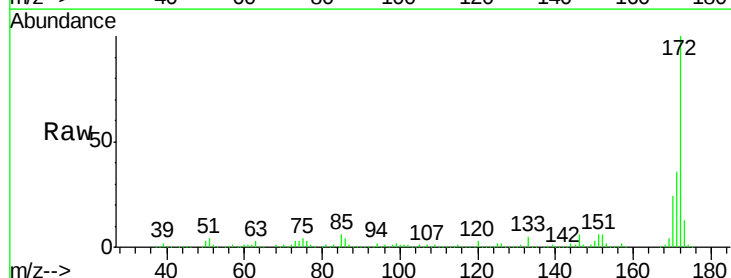


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

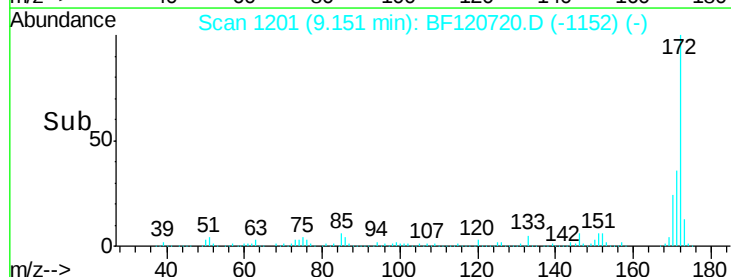
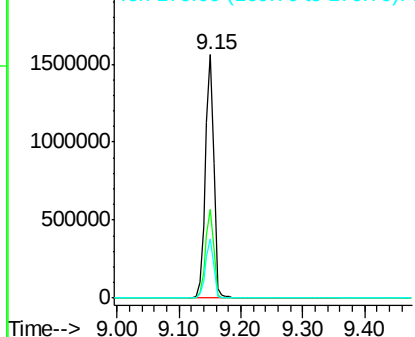


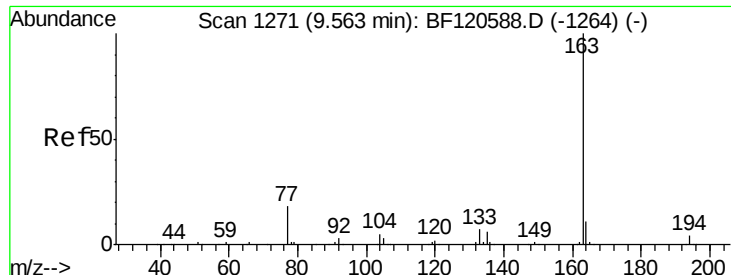
#45
 2-Fluorobiphenyl
 Concen: 85.776 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF120720.D
 Acq: 26 Jun 2020 20:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.4	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: 7.853 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120720.D

Acq: 26 Jun 2020 20:30

Instrument :

BNA_F

ClientSampleId :

TP

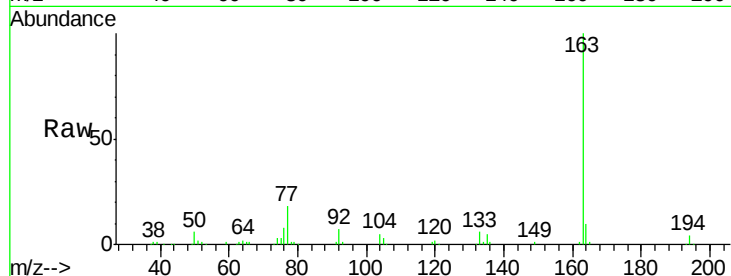
Tot Ion:163 Resp: 151494

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

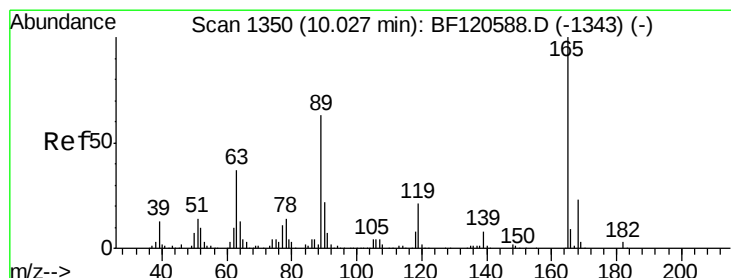
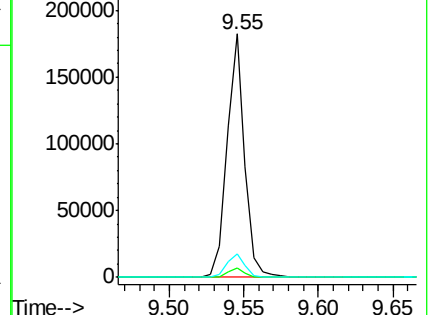
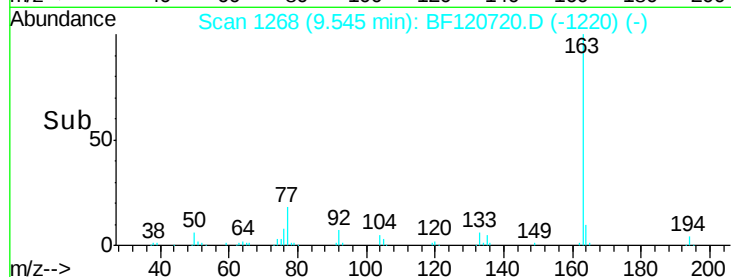
164 9.8 8.5 12.7



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: 5.831 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.20 min

Lab File: BF120720.D

Acq: 26 Jun 2020 20:30

Tgt Ion:165 Resp: 33829

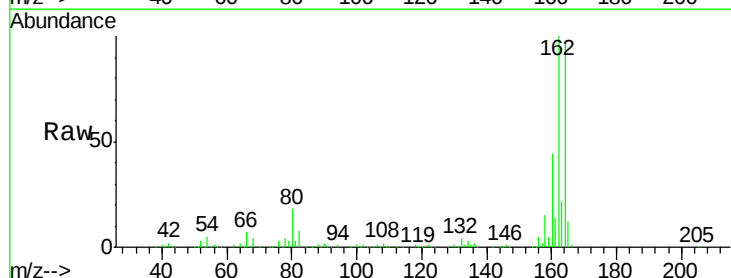
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.8#

89 1.2 50.4 75.6#

182 0.0 2.1 3.1#

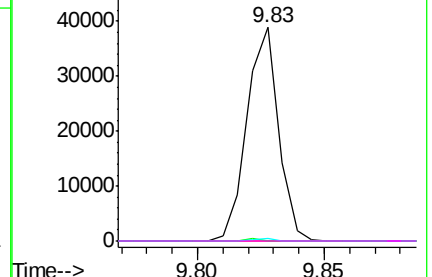
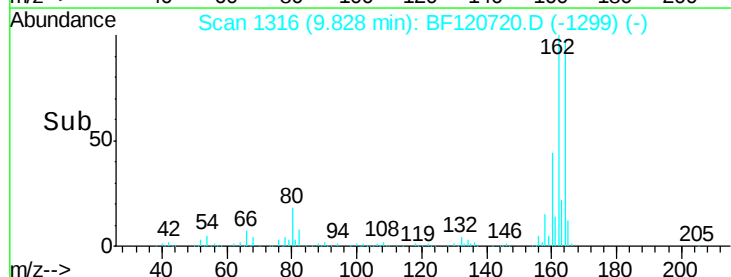


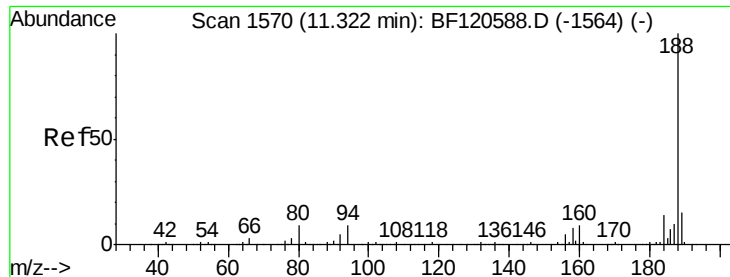
Abundance Ion 165.00 (164.70 to 165.70): E

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

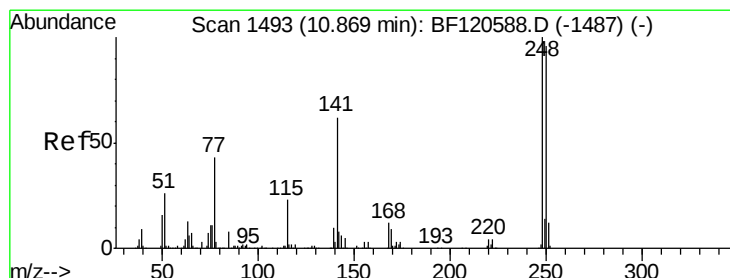
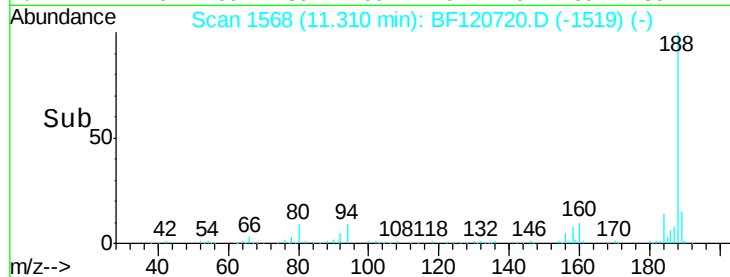
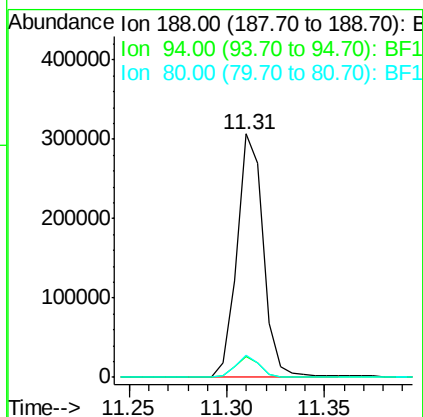
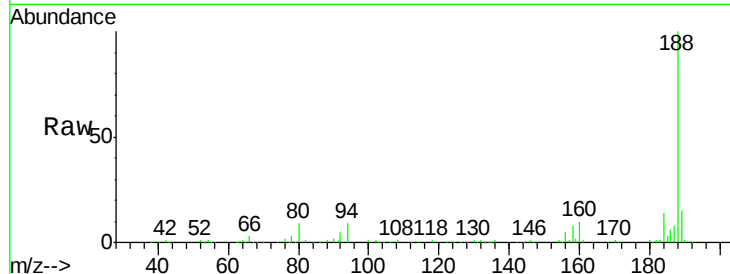




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF120720.D
 Acq: 26 Jun 2020 20:30

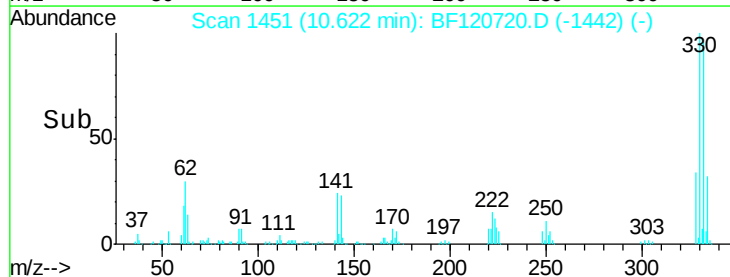
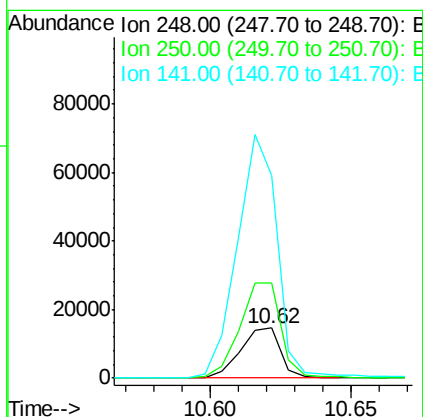
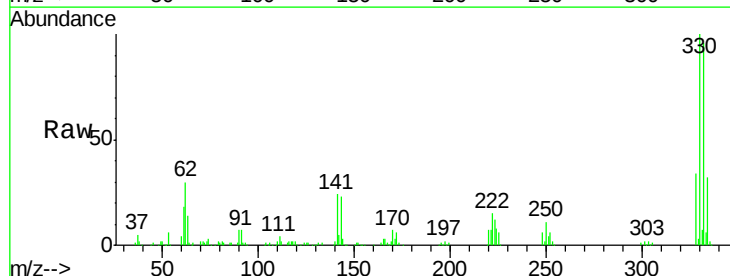
Instrument :
 BNA_F
 ClientSampleId :
 TP

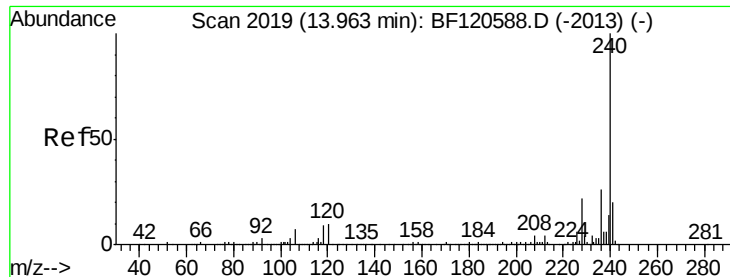
Tot Ion:	188	Resp:	286637
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	8.9	7.4	11.2



#67
 4-Bromophenyl-phenylether
 Concen: 4.418 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF120720.D
 Acq: 26 Jun 2020 20:30

Tgt Ion:	248	Resp:	14373
Ion	Ratio	Lower	Upper
248	100		
250	191.6	76.7	115.1#
141	405.0	49.4	74.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF120720.D

Acq: 26 Jun 2020 20:30

Instrument :

BNA_F

ClientSampleId :

TP

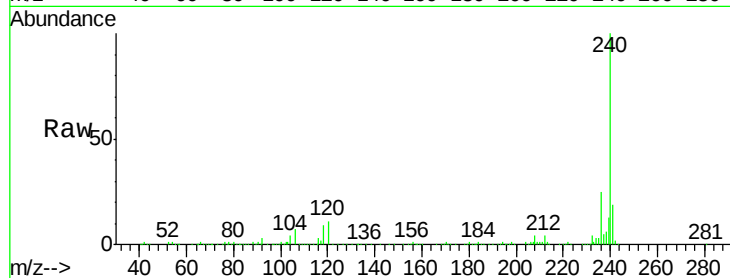
Tot Ion:240 Resp: 420698

Ion Ratio Lower Upper

240 100

120 10.6 8.3 12.5

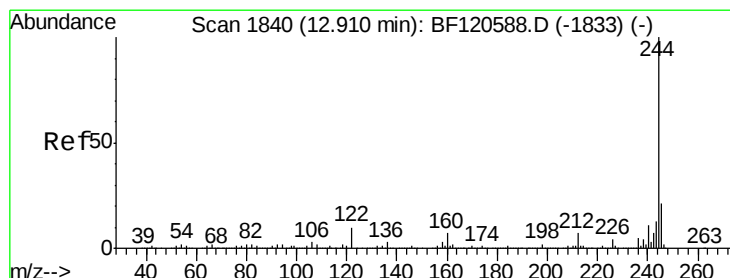
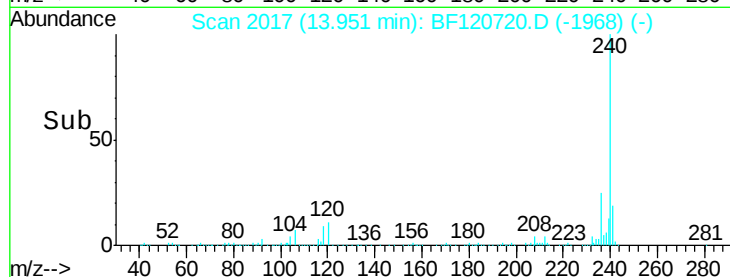
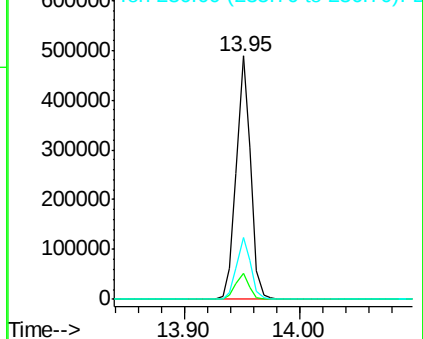
236 25.4 21.0 31.4



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: 61.339 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120720.D

Acq: 26 Jun 2020 20:30

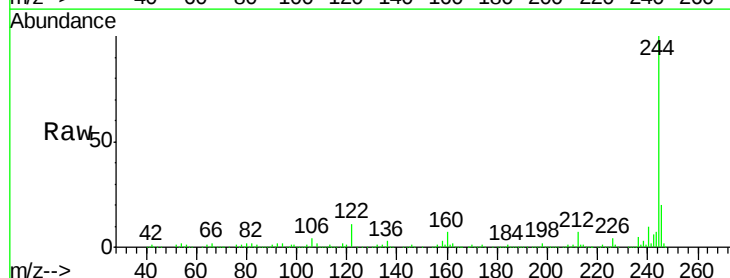
Tgt Ion:244 Resp: 1168247

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

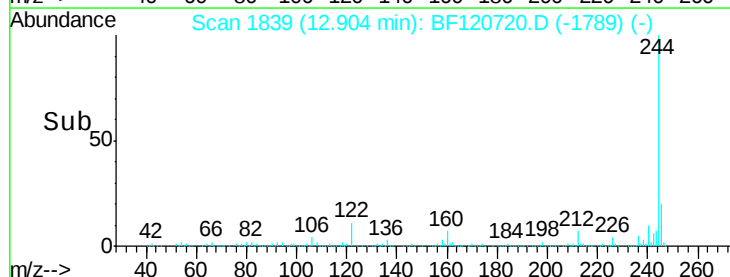
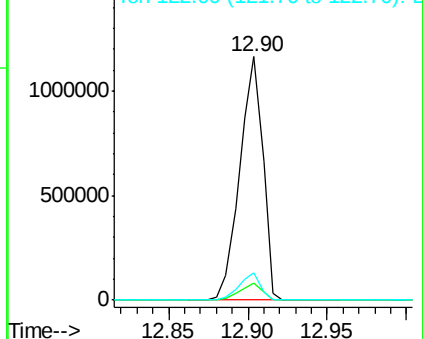
122 11.0 8.3 12.5

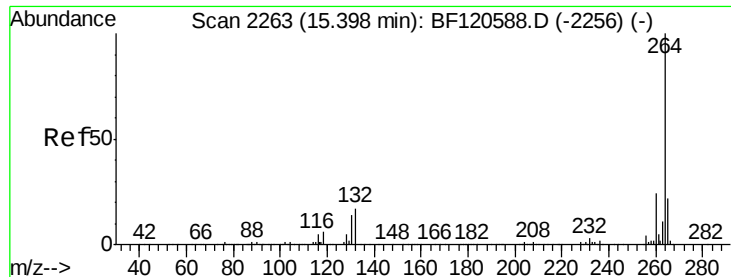


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF120720.D
Acq: 26 Jun 2020 20:30

Instrument :
BNA_F
ClientSampleId :
TP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	22.1	17.8	26.8

