

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062520\
 Data File : BF120699.D
 Acq On : 25 Jun 2020 13:09
 Operator : JU/CG
 Sample : L3111-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-S

Quant Time: Jun 25 13:54:02 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

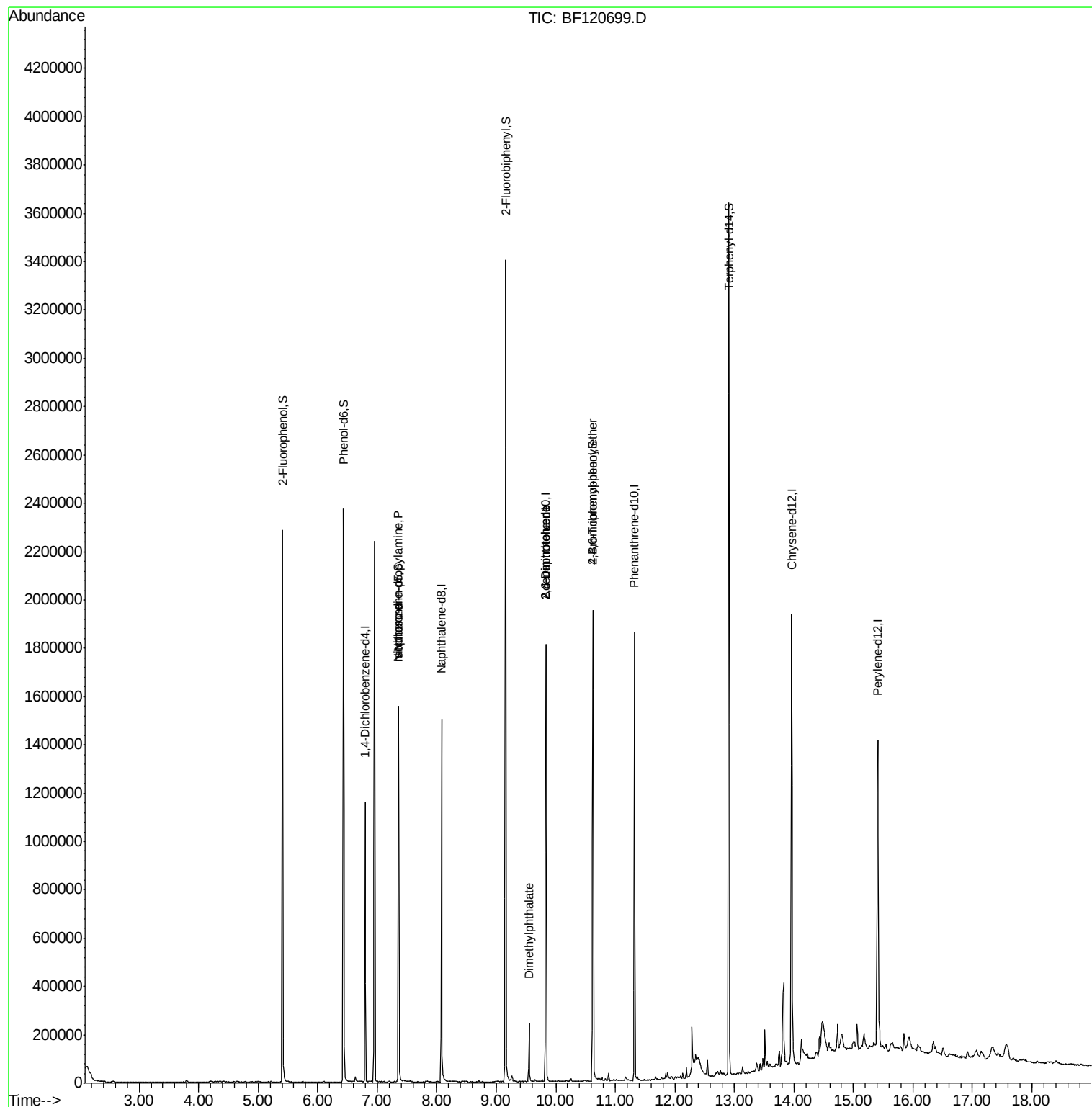
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	161524	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	658721	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	352448	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	681932	20.00	ng	0.00
76) Chrysene-d12	13.96	240	604450	20.00	ng	0.00
86) Perylene-d12	15.41	264	603128	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	663832	70.46	ng	0.00
7) Phenol-d6	6.43	99	823543	70.18	ng	0.00
23) Nitrobenzene-d5	7.36	82	524532	44.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	266838	65.12	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1056669	45.87	ng	0.00
79) Terphenyl-d14	12.91	244	1299567	47.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	69587	10.224	ng	# 77
25) Isophorone	7.36	82	524528	22.849	ng	# 62
50) Dimethylphthalate	9.55	163	111159	4.379	ng	98
51) 2,6-Dinitrotoluene	9.83	165	44309	7.702	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	44309	5.805	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	15561	2.011	ng	# 1

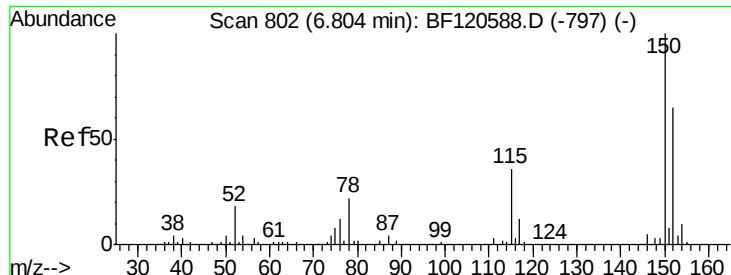
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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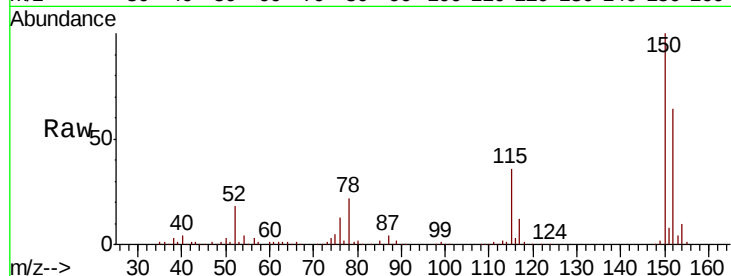


#1

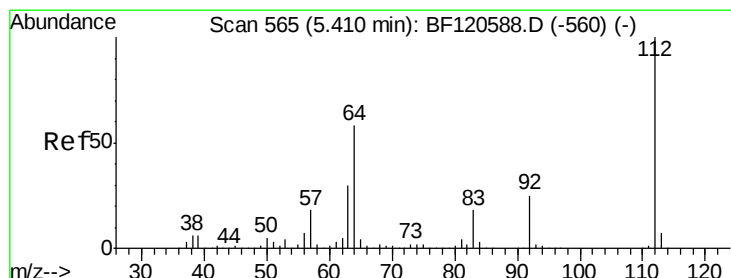
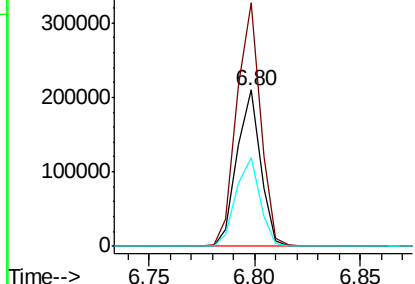
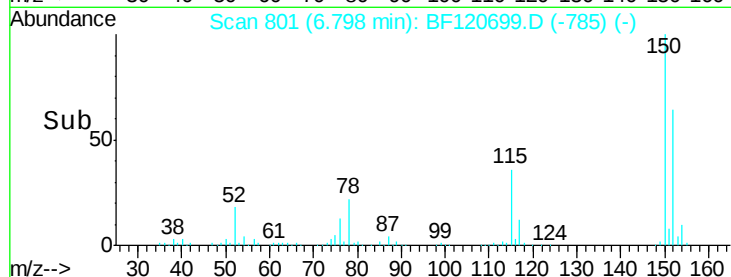
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120699.D
Acq: 25 Jun 2020 13:09

Instrument :
BNA_F
ClientSampleId :
TP-6-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.2	184.8
115	56.6	43.9	65.9



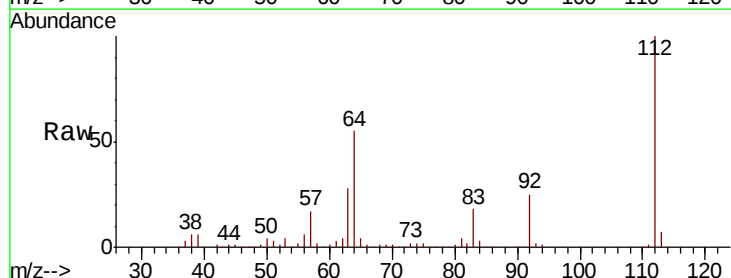
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



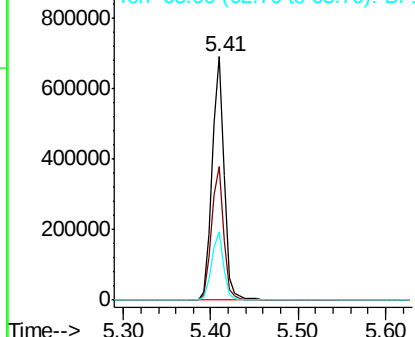
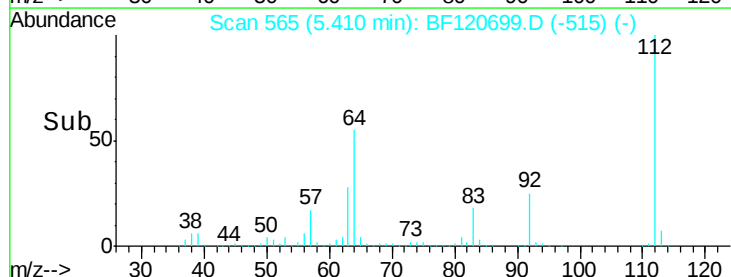
#5

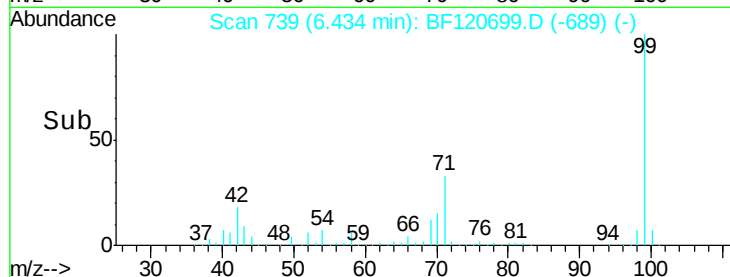
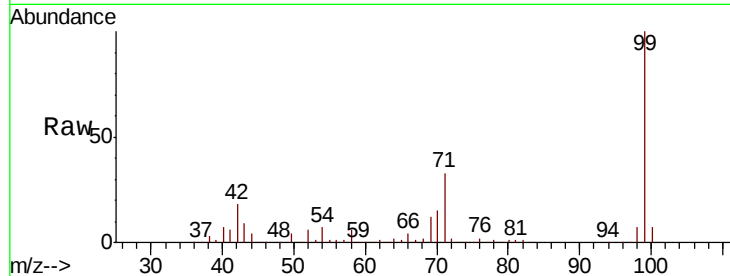
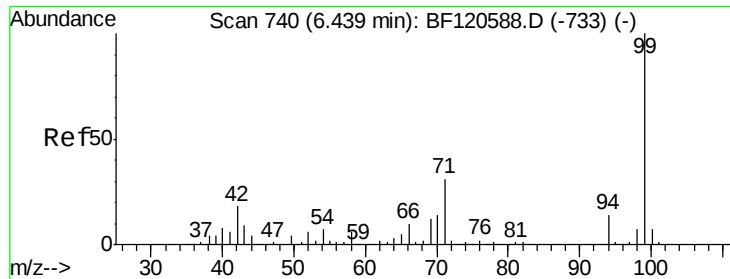
2-Fluorophenol
Concen: 70.461 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120699.D
Acq: 25 Jun 2020 13:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.1	69.1
63	27.9	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: 70.183 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120699.D

Acq: 25 Jun 2020 13:09

Instrument :

BNA_F

ClientSampleId :

TP-6-S

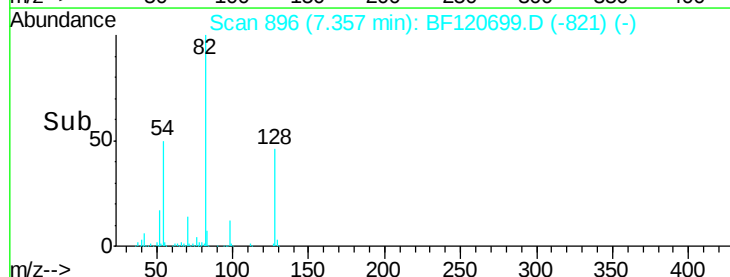
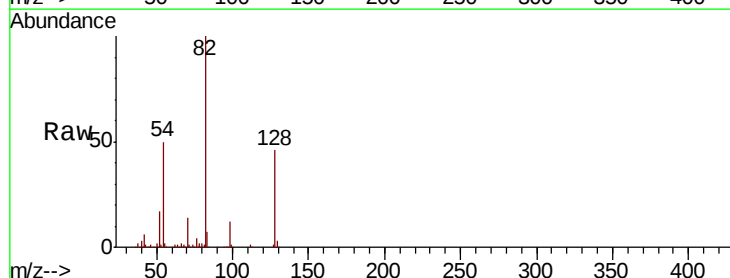
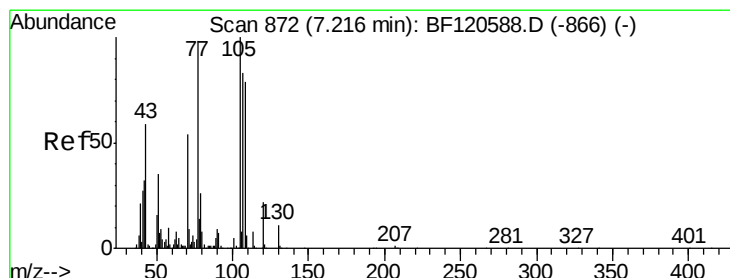
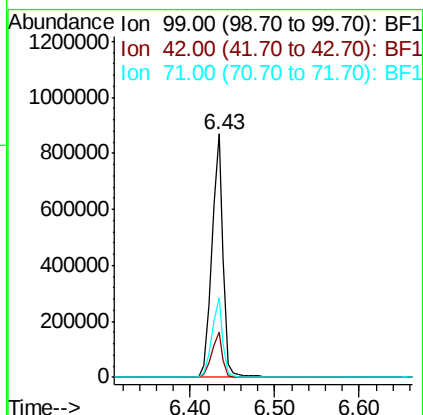
Tot Ion: 99 Resp: 823543

Ion Ratio Lower Upper

99 100

42 18.3 14.0 21.0

71 32.8 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 10.224 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120699.D

Acq: 25 Jun 2020 13:09

Tgt Ion: 70 Resp: 69587

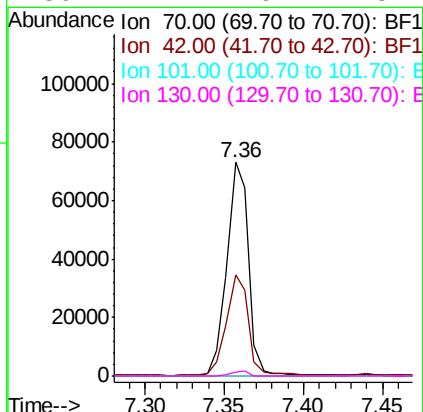
Ion Ratio Lower Upper

70 100

42 47.2 47.7 71.5#

101 0.0 7.6 11.4#

130 2.1 16.7 25.1#

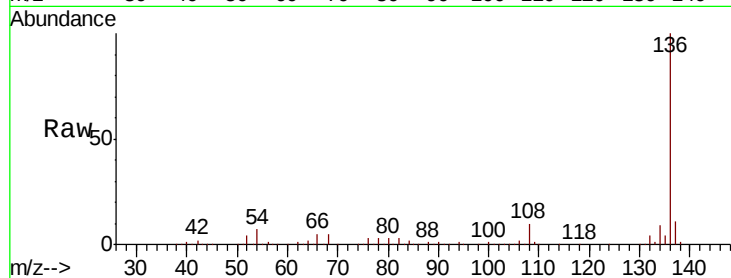




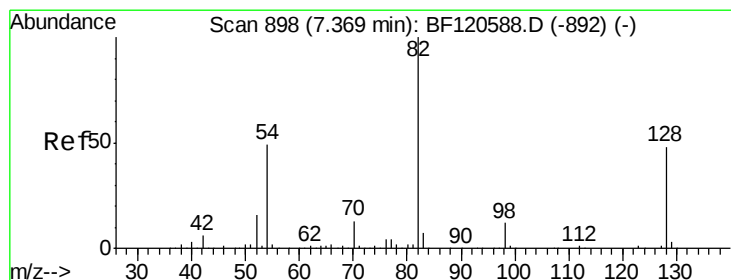
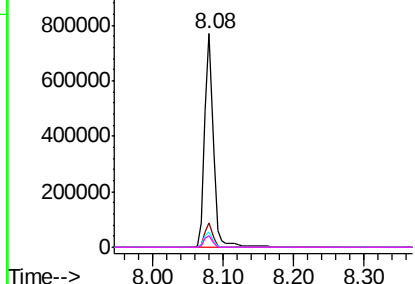
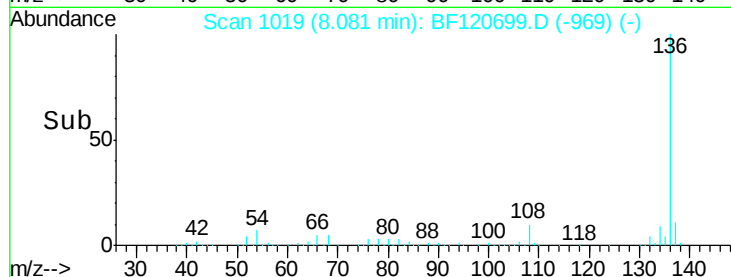
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120699.D
Acq: 25 Jun 2020 13:09

Instrument :
BNA_F
ClientSampleId :
TP-6-S

Tot Ion:136 Resp: 658721
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.1 5.8 8.6
68 5.5 4.4 6.6

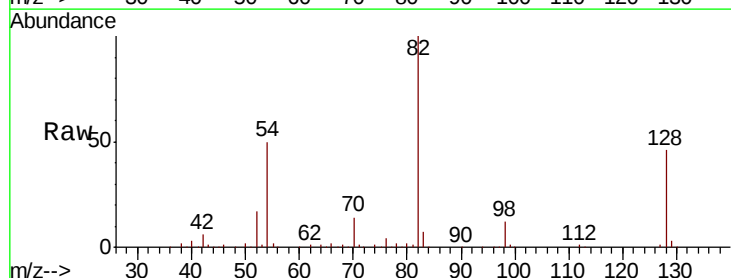


Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
800000
Ion 68.00 (67.70 to 68.70): BF1
600000
400000
200000
0

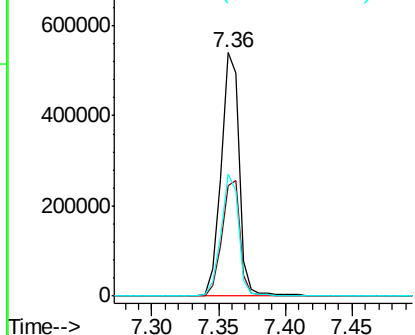
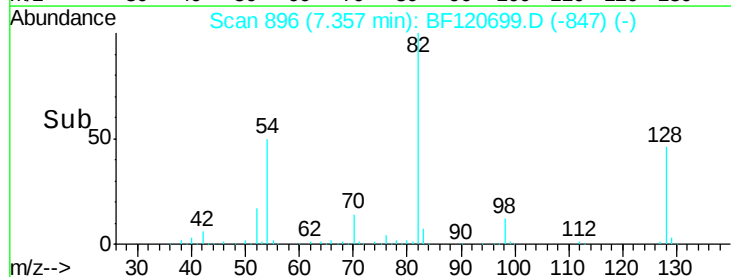


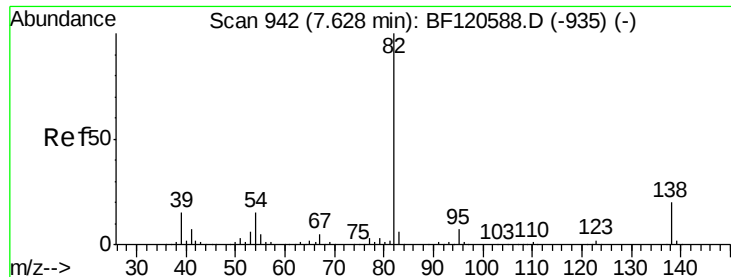
#23
Nitrobenzene-d5
Concen: 44.510 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120699.D
Acq: 25 Jun 2020 13:09

Tgt Ion: 82 Resp: 524532
Ion Ratio Lower Upper
82 100
128 45.6 38.0 57.0
54 50.1 38.8 58.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
600000
Ion 128.00 (127.70 to 128.70): E
400000
Ion 54.00 (53.70 to 54.70): BF1
200000
0





#25

Isophorone

Concen: 22.849 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF120699.D

Acq: 25 Jun 2020 13:09

Instrument :

BNA_F

ClientSampleId :

TP-6-S

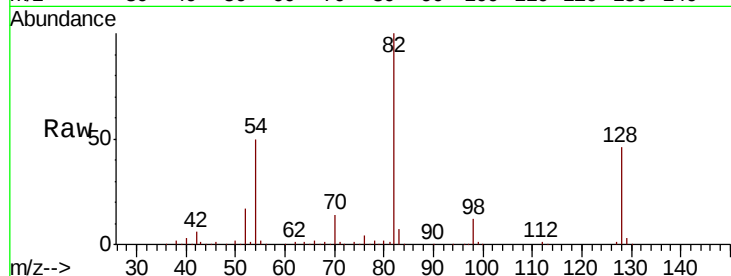
Tot Ion: 82 Resp: 524528

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

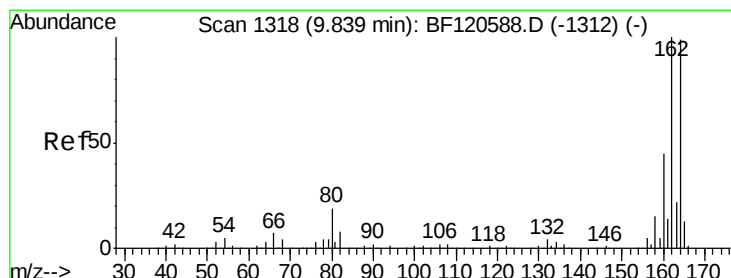
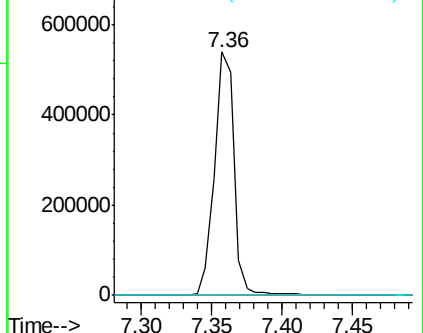
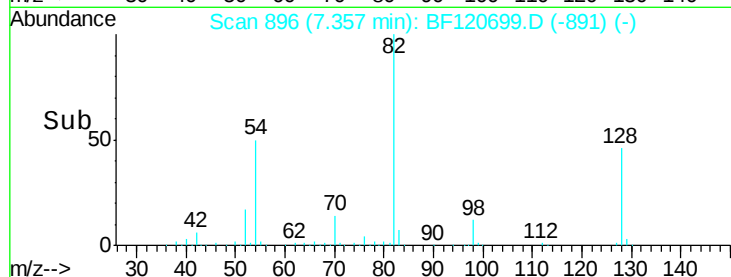
138 0.0 16.2 24.4#



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: BF120699.D

Acq: 25 Jun 2020 13:09

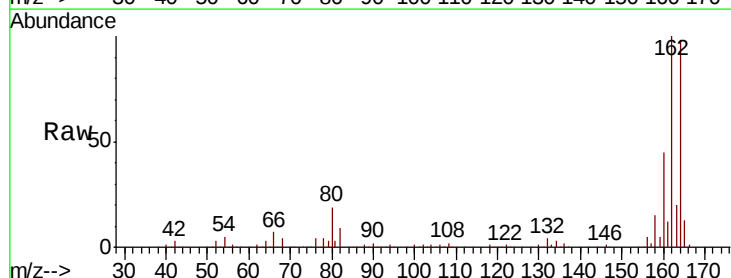
Tgt Ion: 164 Resp: 352448

Ion Ratio Lower Upper

164 100

162 101.8 80.6 120.8

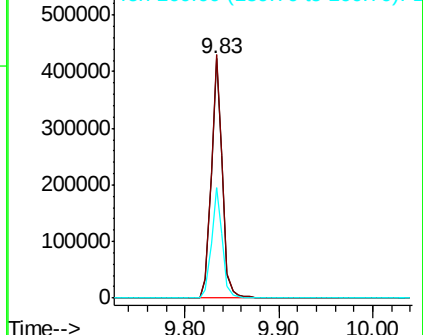
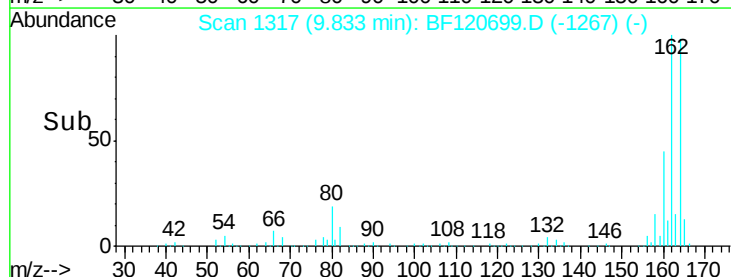
160 46.1 36.2 54.2

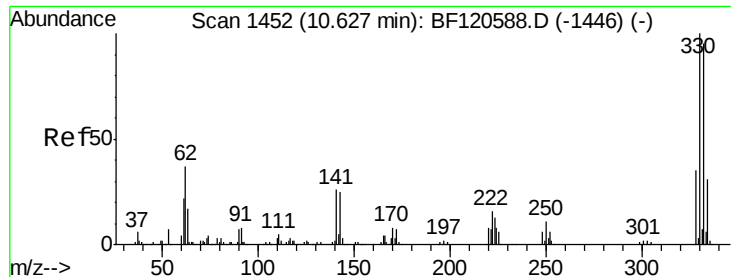


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

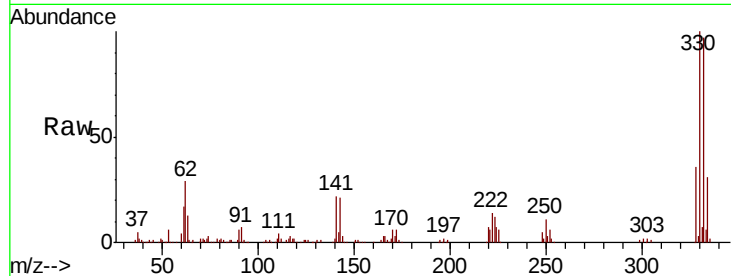




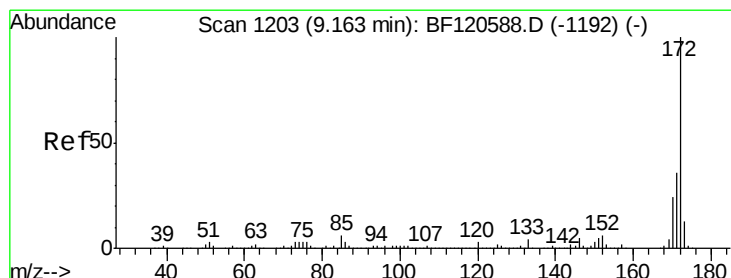
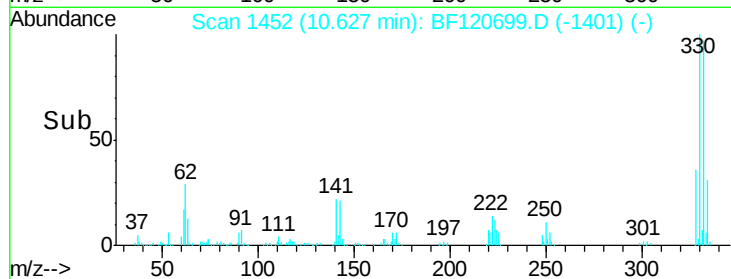
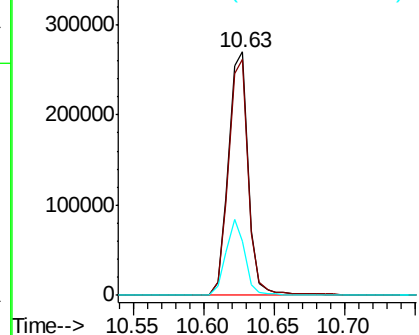
#42
 2,4,6-Tribromophenol
 Concen: 65.119 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120699.D
 Acq: 25 Jun 2020 13:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.8	115.2
141	29.8	23.2	34.8

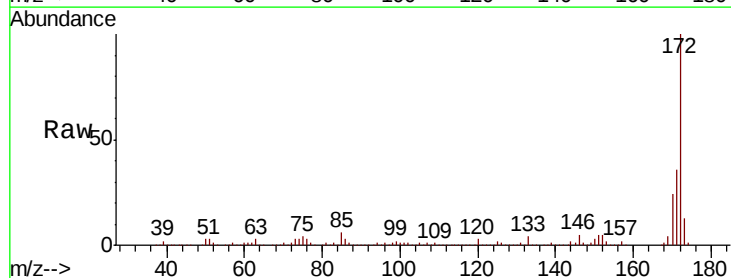


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

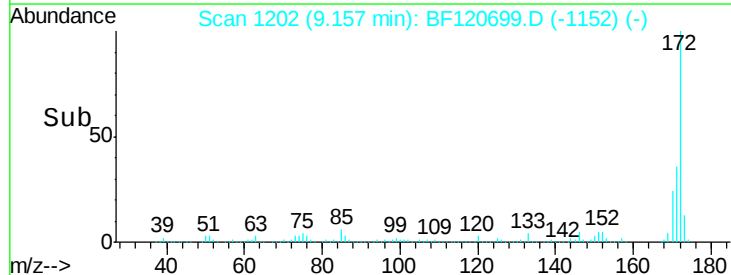
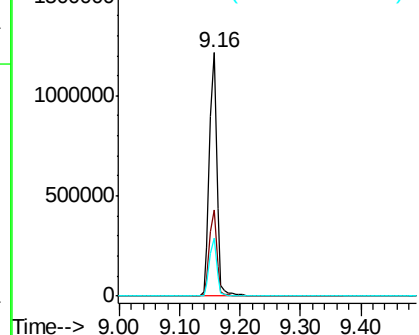


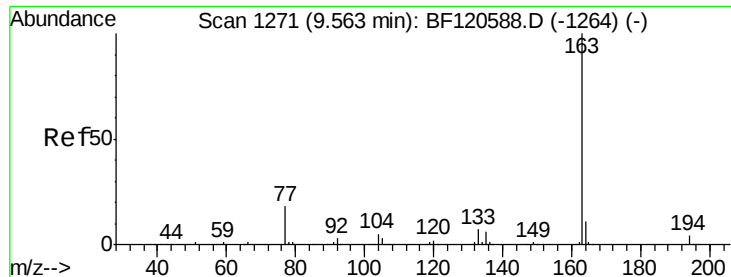
#45
 2-Fluorobiphenyl
 Concen: 45.870 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120699.D
 Acq: 25 Jun 2020 13:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	23.9	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: 4.379 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF120699.D

Acq: 25 Jun 2020 13:09

Instrument :

BNA_F

ClientSampleId :

TP-6-S

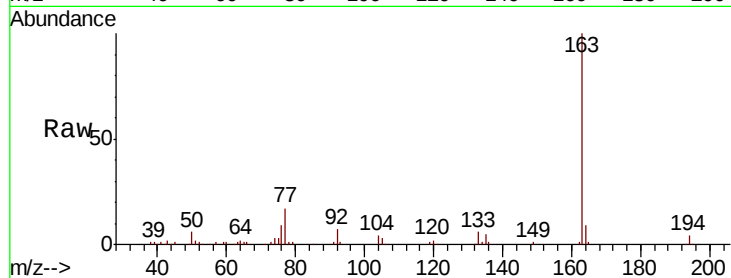
Tot Ion:163 Resp: 111159

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

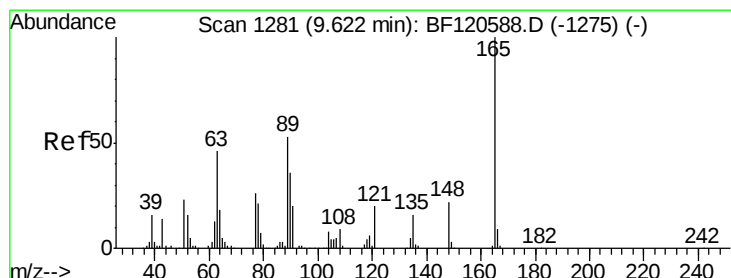
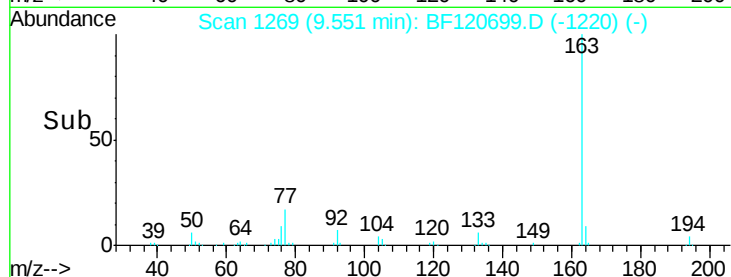
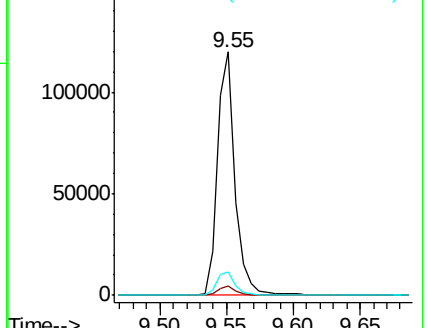
164 9.4 8.5 12.7



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



#51

2,6-Dinitrotoluene

Concen: 7.702 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF120699.D

Acq: 25 Jun 2020 13:09

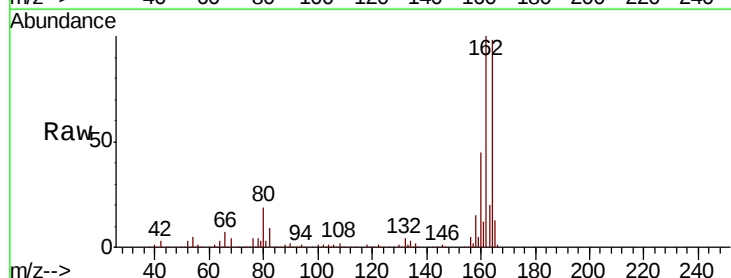
Tgt Ion:165 Resp: 44309

Ion Ratio Lower Upper

165 100

63 1.0 41.7 62.5#

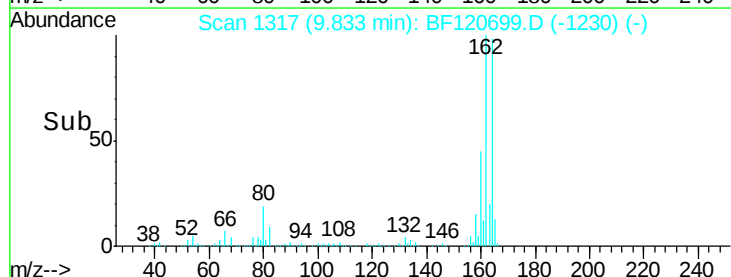
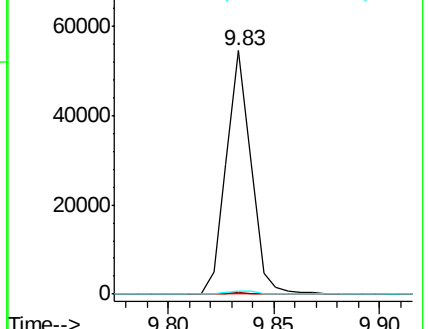
89 1.3 42.6 64.0#

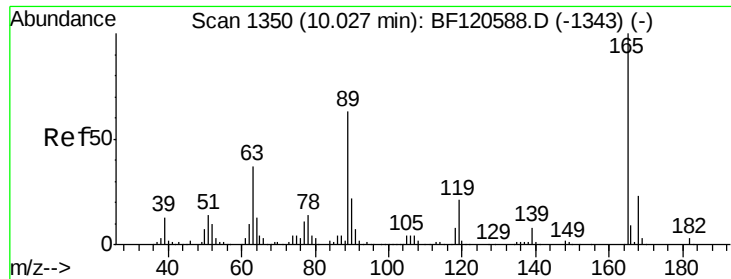


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

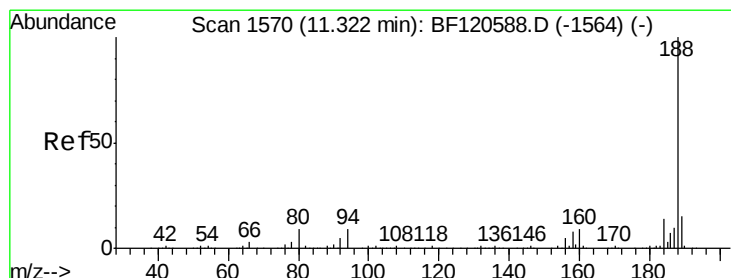
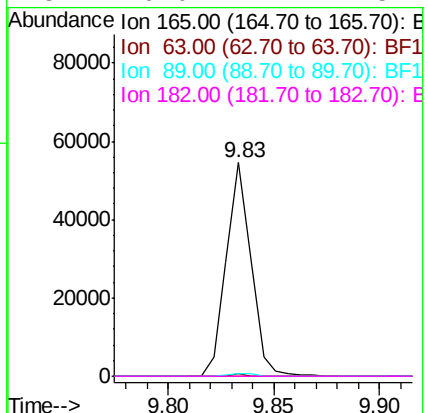
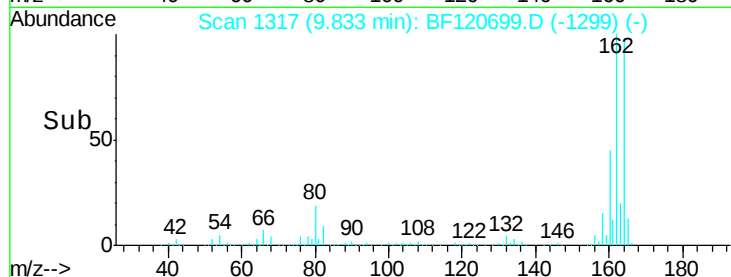
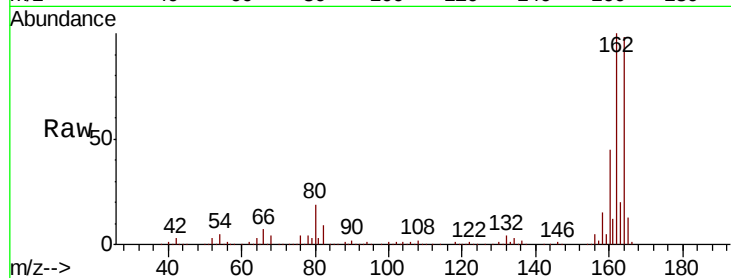




#57
 2,4-Dinitrotoluene
 Concen: 5.805 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BF120699.D
 Acq: 25 Jun 2020 13:09

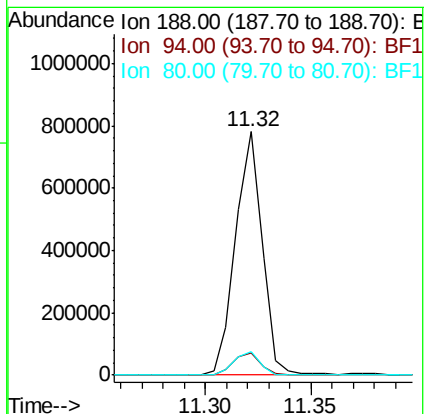
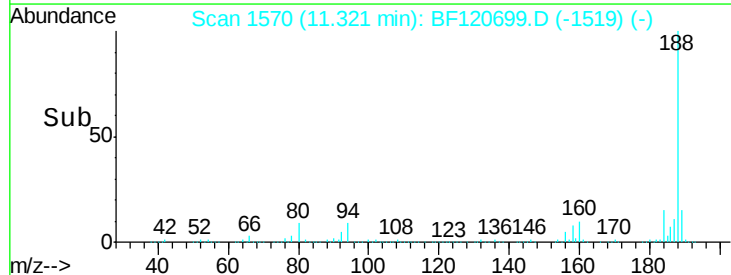
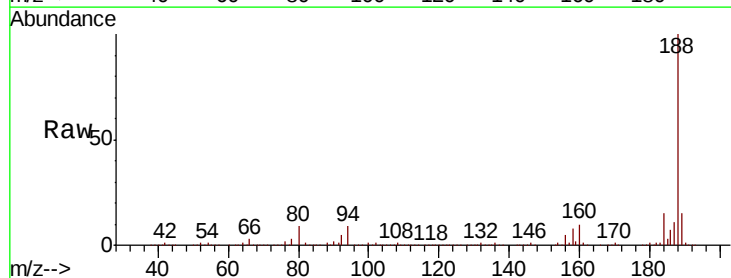
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-S

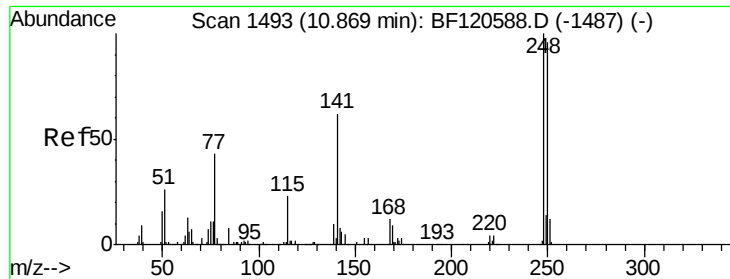
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.8#
89	1.3	50.4	75.6#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF120699.D
 Acq: 25 Jun 2020 13:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.4	7.4	11.2

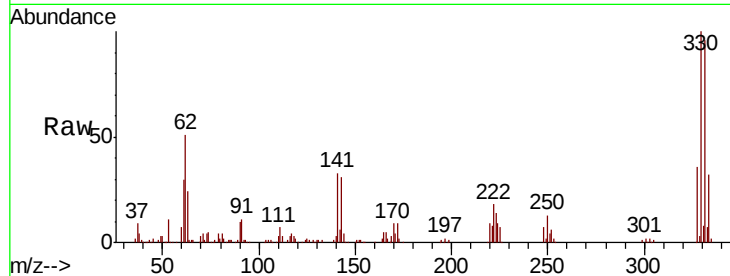




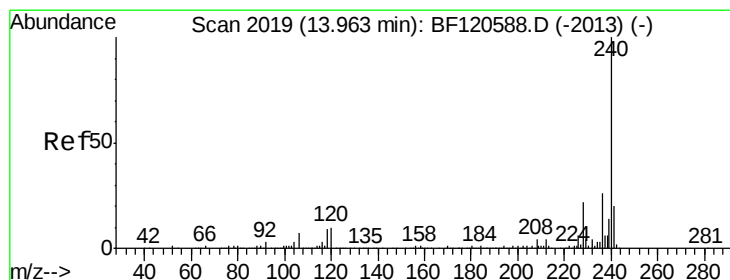
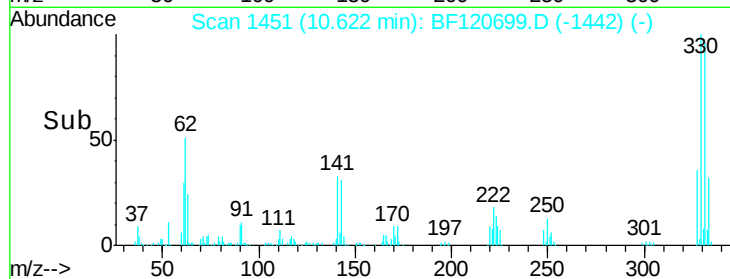
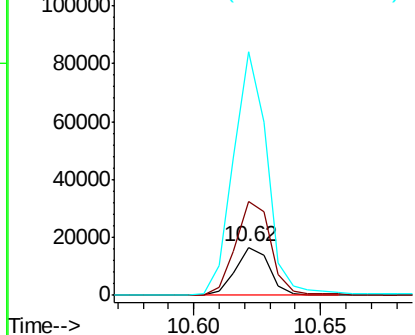
#67
 4-Bromophenyl-phenylether
 Concen: 2.011 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF120699.D
 Acq: 25 Jun 2020 13:09

Instrument :
 BNA_F
 ClientSampled :
 TP-6-S

Tot Ion:248 Resp: 15561
 Ion Ratio Lower Upper
 248 100
 250 195.5 76.7 115.1#
 141 503.9 49.4 74.0#

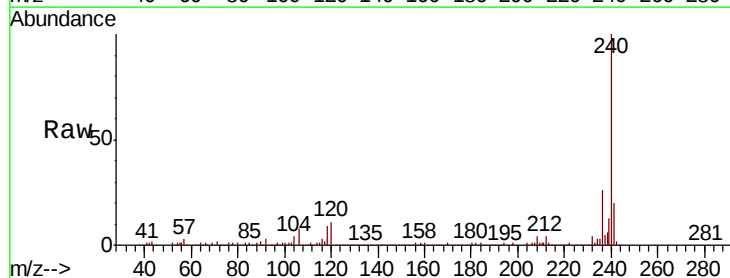


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

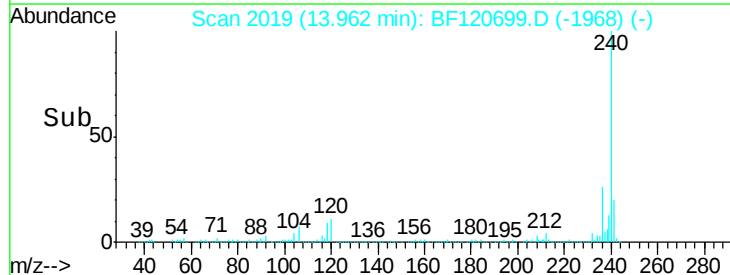
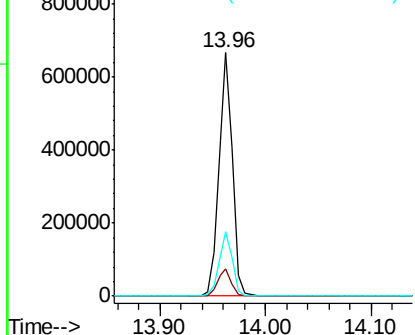


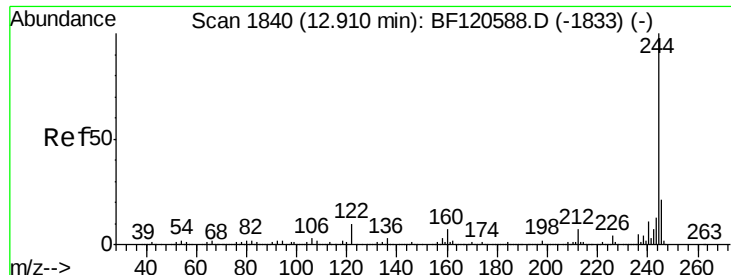
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF120699.D
 Acq: 25 Jun 2020 13:09

Tgt Ion:240 Resp: 604450
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.3 12.5
 236 26.4 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: 47.491 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120699.D

Acq: 25 Jun 2020 13:09

Instrument :

BNA_F

ClientSampleId :

TP-6-S

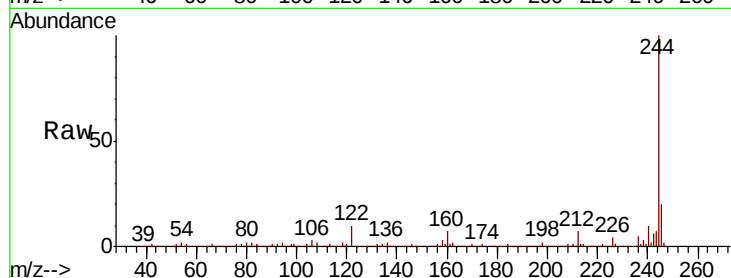
Tot Ion:244 Resp: 1299567

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

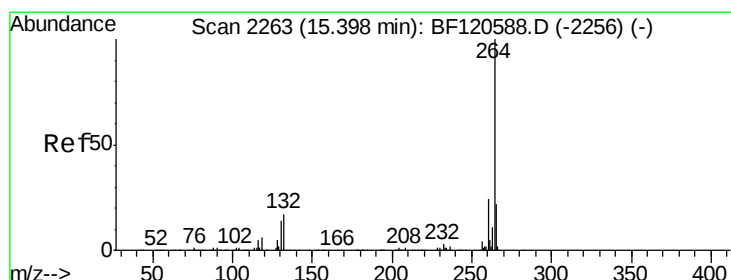
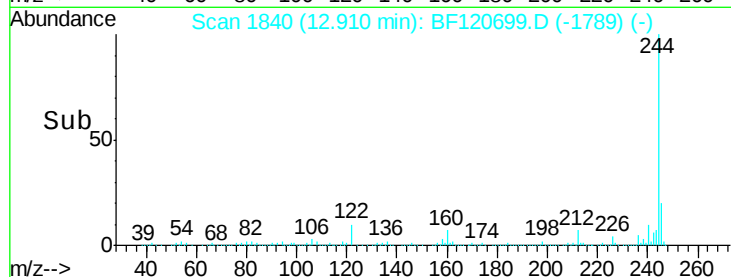
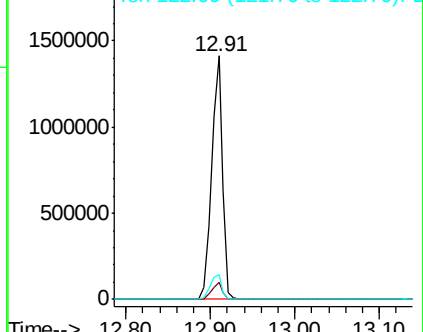
122 10.3 8.3 12.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BF120699.D

Acq: 25 Jun 2020 13:09

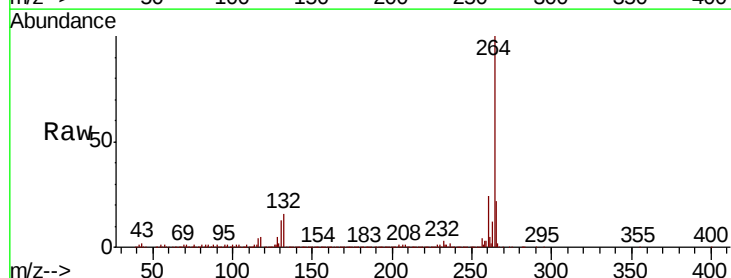
Tgt Ion:264 Resp: 603128

Ion Ratio Lower Upper

264 100

260 23.6 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

