

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
 Data File : BF120675.D
 Acq On : 19 Jun 2020 20:43
 Operator : JU/CG
 Sample : L3034-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Jun 20 00:48:54 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

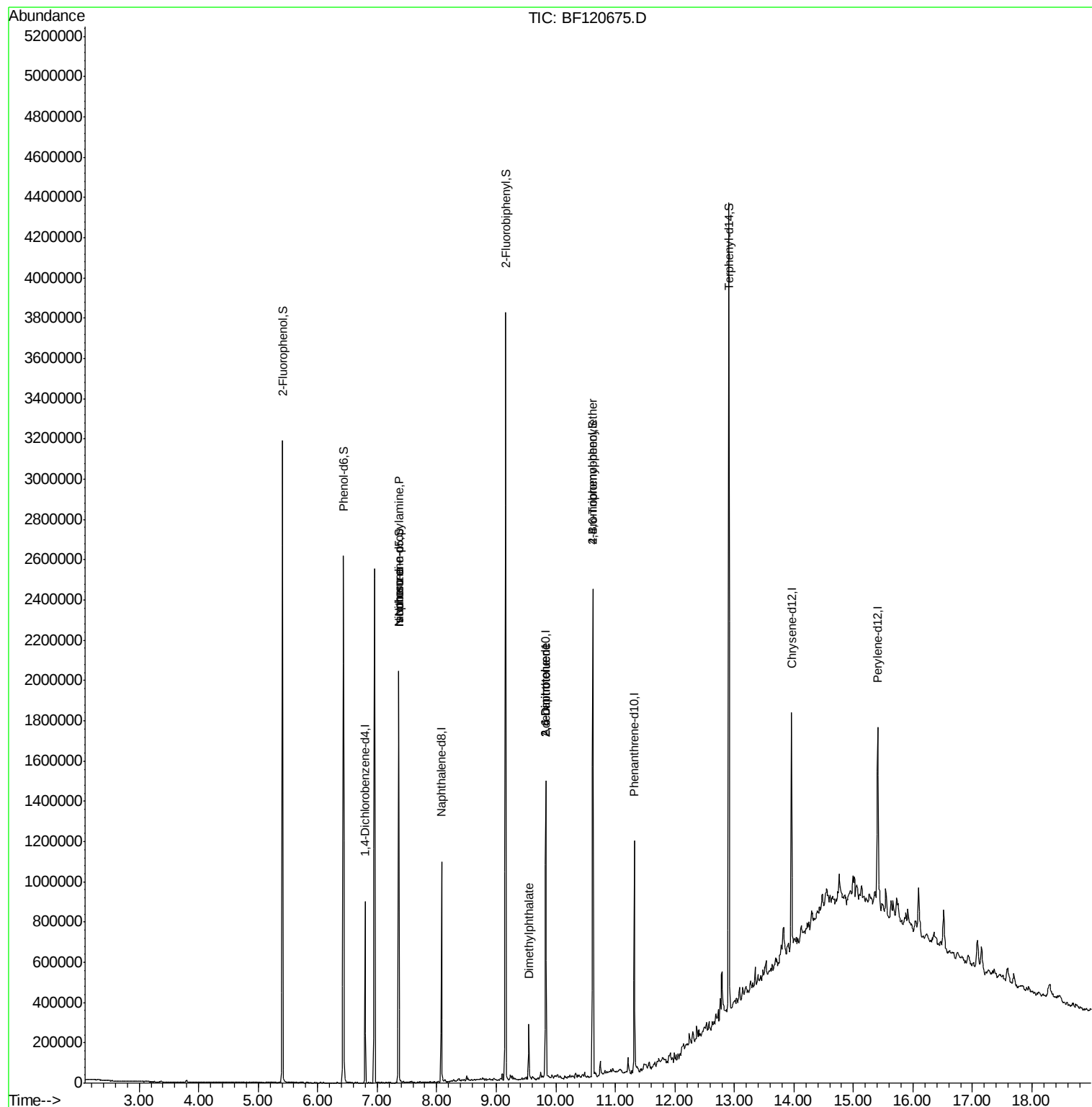
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	143626	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	490554	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	278593	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	461340	20.00	ng	0.00
76) Chrysene-d12	13.96	240	412809	20.00	ng	0.00
86) Perylene-d12	15.41	264	423083	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	958202	114.38	ng	0.00
7) Phenol-d6	6.43	99	1017715	97.54	ng	0.00
23) Nitrobenzene-d5	7.36	82	645318	73.53	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	318945	98.47	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1201777	66.00	ng	0.00
79) Terphenyl-d14	12.91	244	1584298	84.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	86263	14.253	ng	Qvalue # 76
25) Isophorone	7.36	82	640846	37.486	ng	# 62
50) Dimethylphthalate	9.55	163	93751	4.673	ng	99
51) 2,6-Dinitrotoluene	9.83	165	37315	8.206	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	37315	6.184	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	19043	3.637	ng	# 1

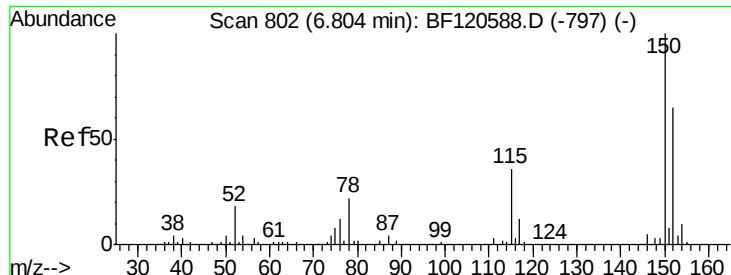
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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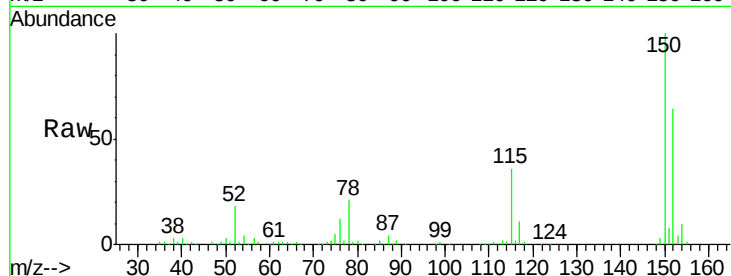


#1

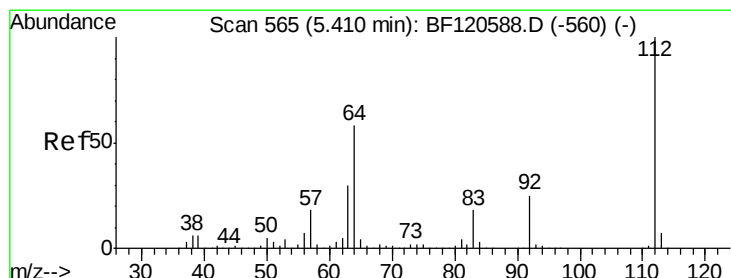
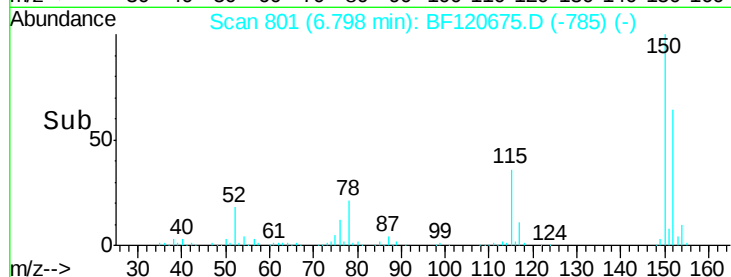
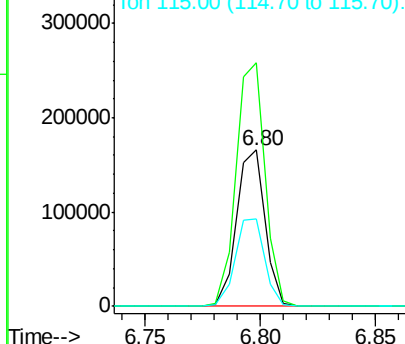
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120675.D
Acq: 19 Jun 2020 20:43

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion	152	Resp	143626
Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.2	184.8
115	56.0	43.9	65.9



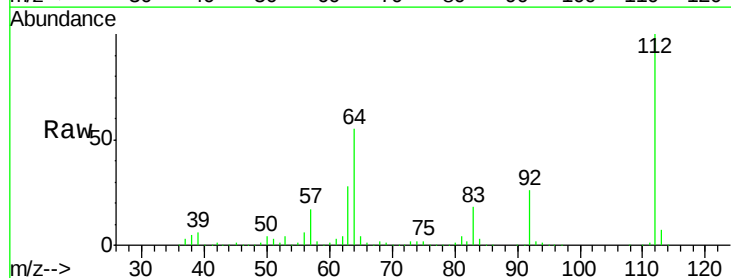
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



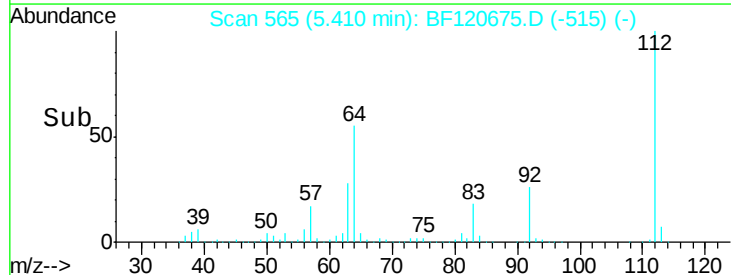
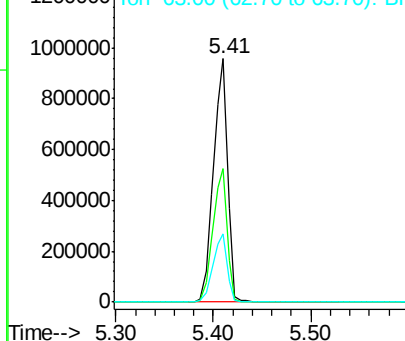
#5

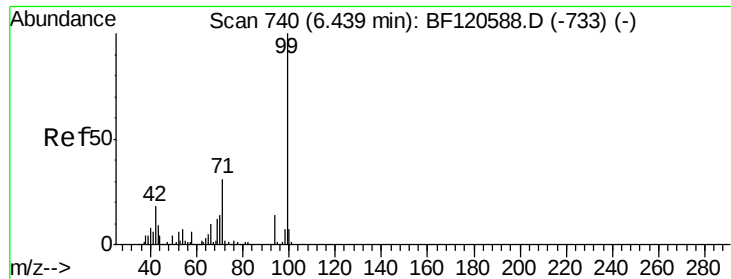
2-Fluorophenol
Concen: 114.380 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120675.D
Acq: 19 Jun 2020 20:43

Tgt Ion	112	Resp	958202
Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.1	69.1
63	28.2	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: 97.538 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120675.D

Acq: 19 Jun 2020 20:43

Instrument :

BNA_F

ClientSampleId :

TP-5

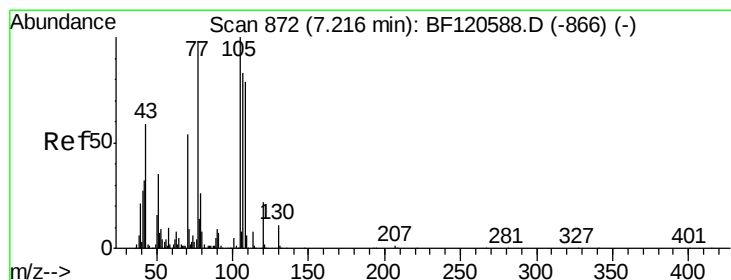
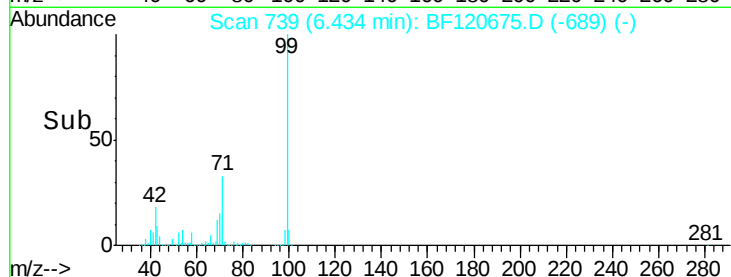
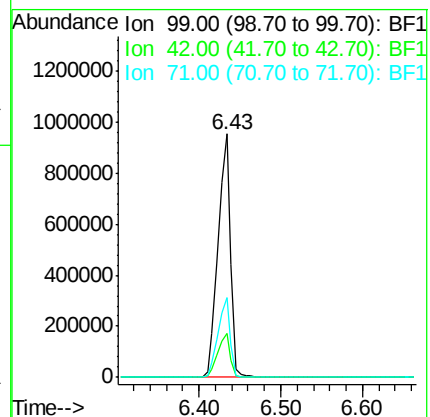
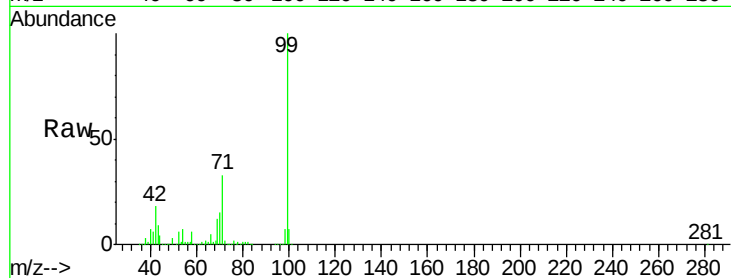
Tot Ion: 99 Resp: 1017715

Ion Ratio Lower Upper

99 100

42 18.0 14.0 21.0

71 33.0 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.253 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF120675.D

Acq: 19 Jun 2020 20:43

Tgt Ion: 70 Resp: 86263

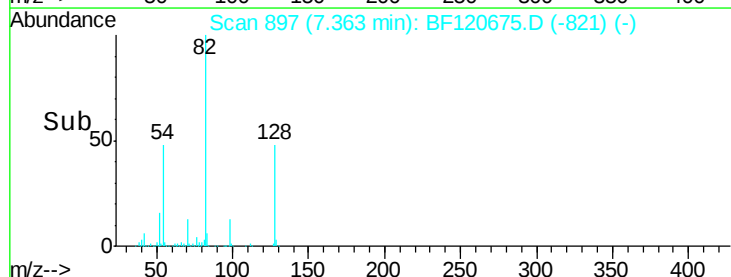
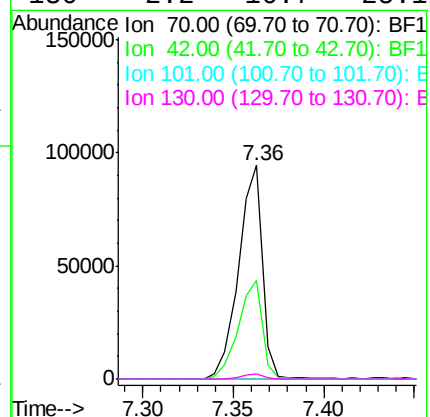
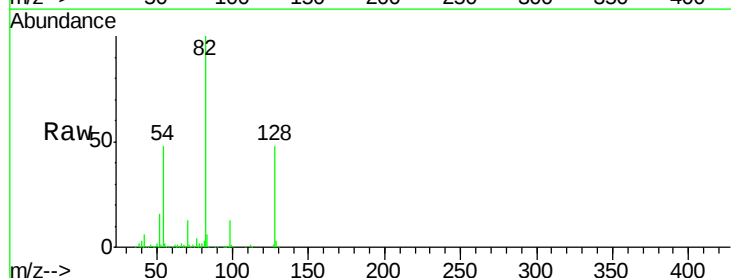
Ion Ratio Lower Upper

70 100

42 46.0 47.7 71.5#

101 0.0 7.6 11.4#

130 2.2 16.7 25.1#

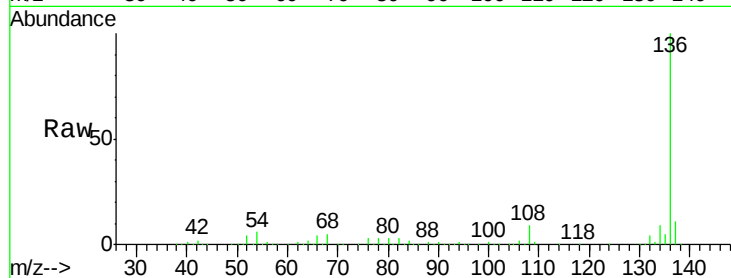




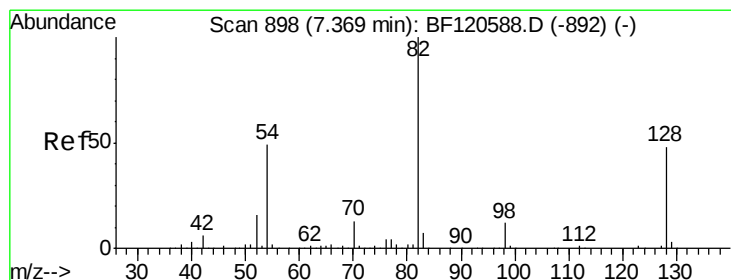
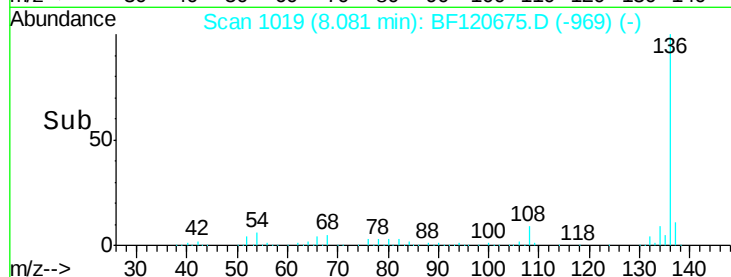
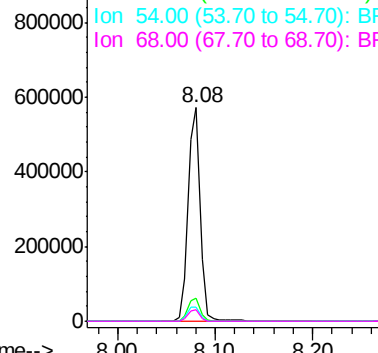
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120675.D
Acq: 19 Jun 2020 20:43

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion:136	Resp:	490554
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.6 13.0
54	6.5	5.8 8.6
68	5.2	4.4 6.6

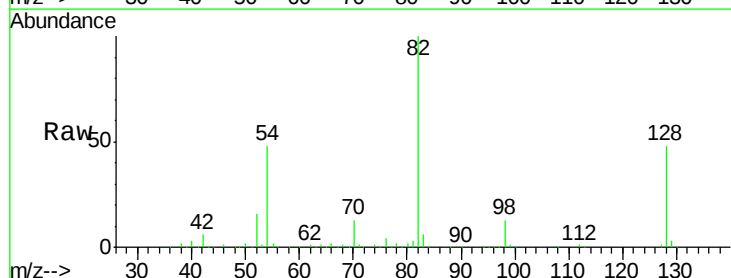


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

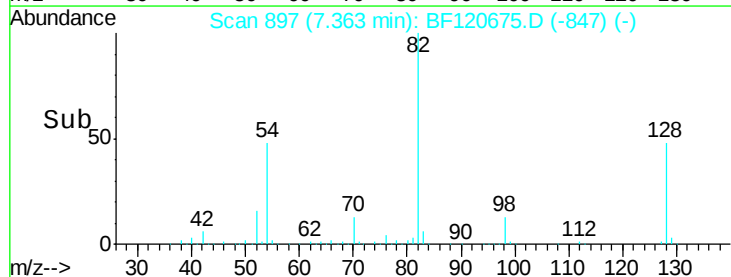
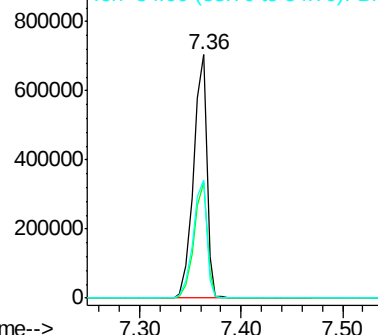


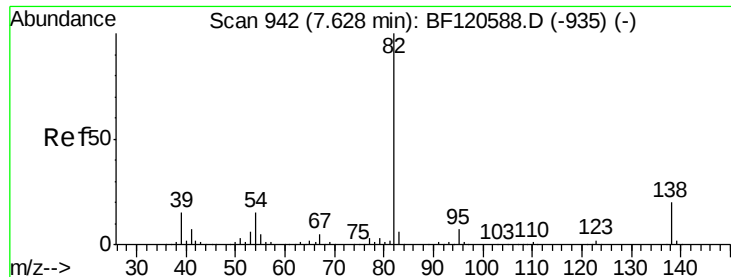
#23
Nitrobenzene-d5
Concen: 73.531 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120675.D
Acq: 19 Jun 2020 20:43

Tgt Ion: 82	Resp:	645318
Ion	Ratio	Lower Upper
82	100	
128	47.6	38.0 57.0
54	48.4	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: 37.486 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF120675.D

Acq: 19 Jun 2020 20:43

Instrument :

BNA_F

ClientSampled :

TP-5

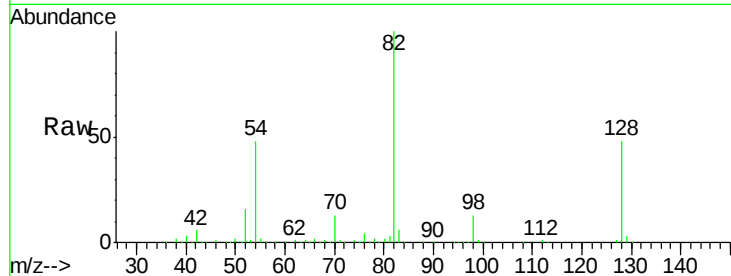
Tot Ion: 82 Resp: 640846

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

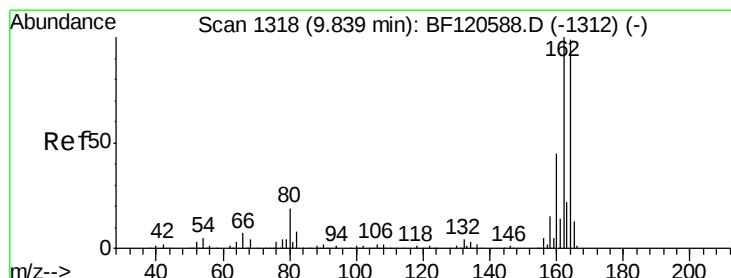
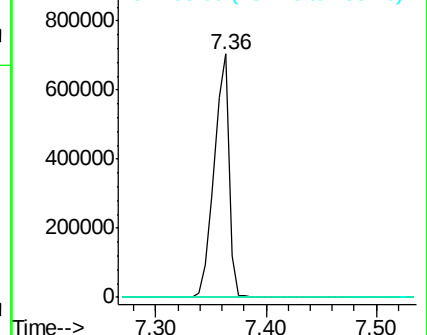
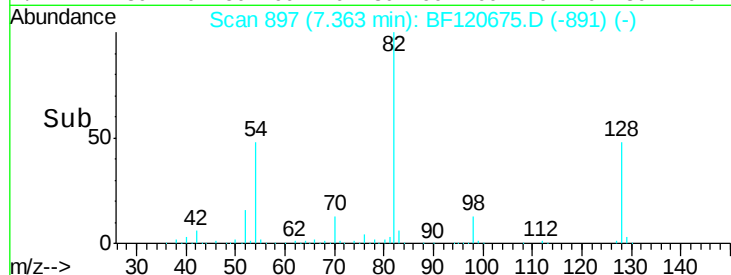
138 0.0 16.2 24.4#



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: BF120675.D

Acq: 19 Jun 2020 20:43

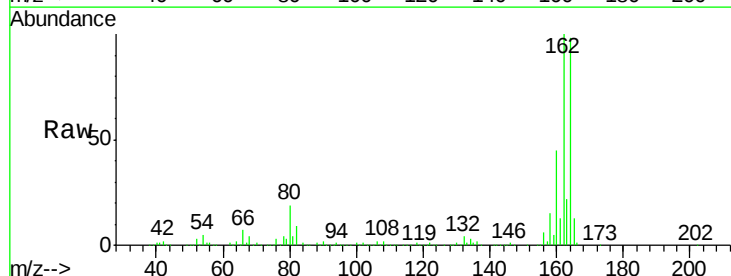
Tgt Ion:164 Resp: 278593

Ion Ratio Lower Upper

164 100

162 101.8 80.6 120.8

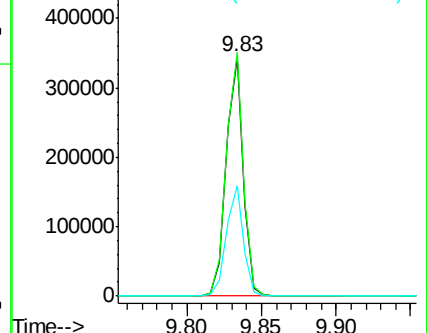
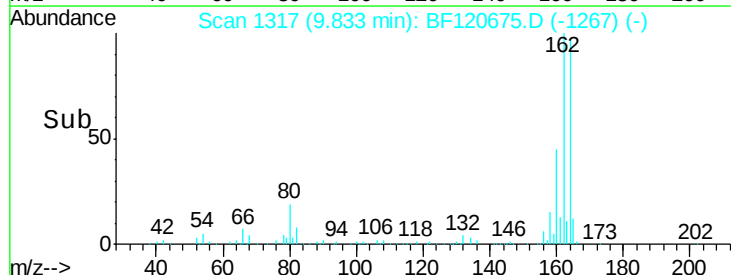
160 46.1 36.2 54.2

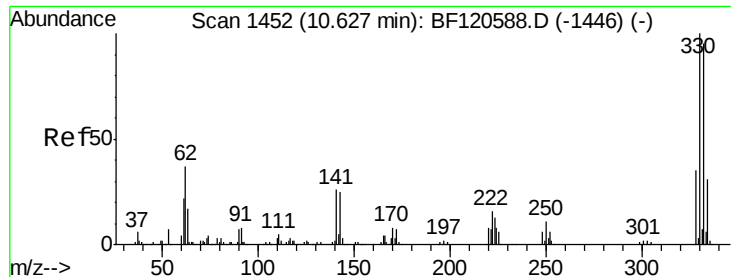


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

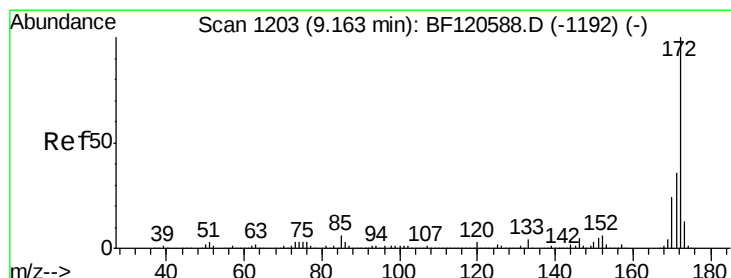
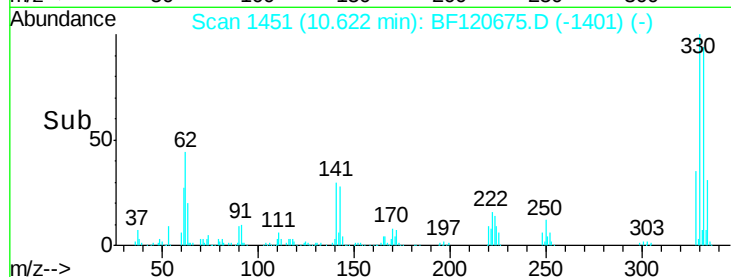
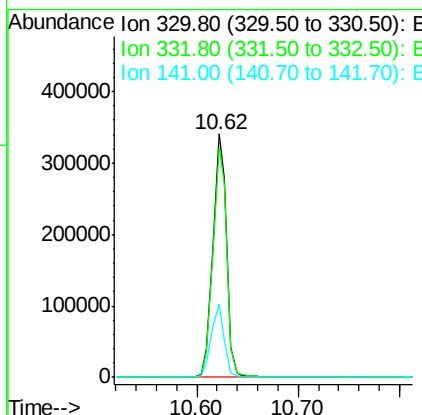
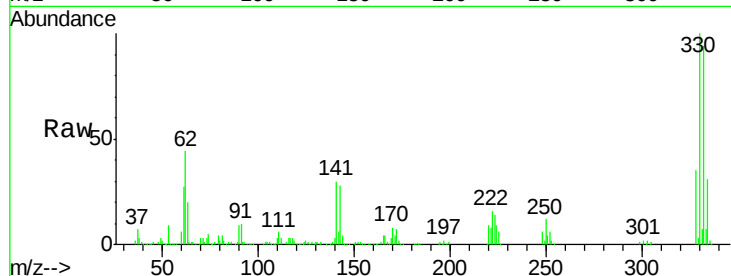




#42
 2,4,6-Tribromophenol
 Concen: 98.469 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120675.D
 Acq: 19 Jun 2020 20:43

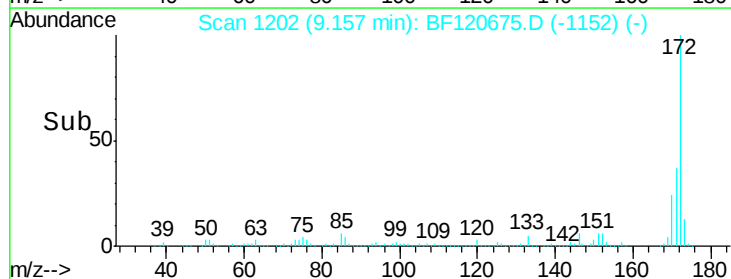
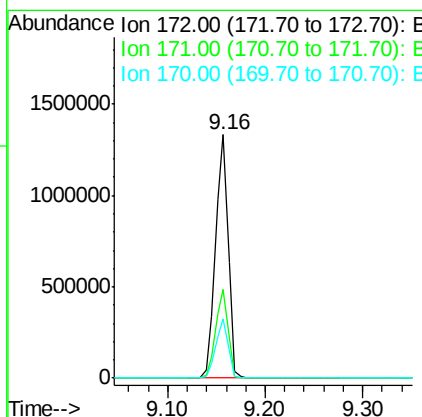
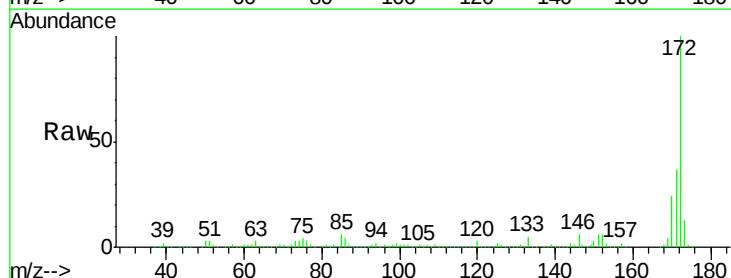
Instrument :
 BNA_F
 ClientSampleId :
 TP-5

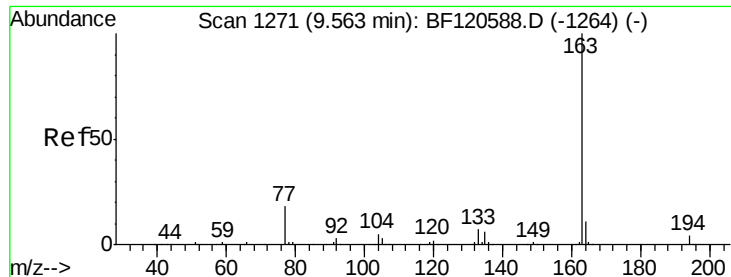
Tot Ion:330 Resp: 318945
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.8 115.2
 141 28.3 23.2 34.8



#45
 2-Fluorobiphenyl
 Concen: 66.000 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120675.D
 Acq: 19 Jun 2020 20:43

Tgt Ion:172 Resp: 1201777
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.4
 170 24.2 19.4 29.2





#50

Dimethylphthalate

Concen: 4.673 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120675.D

Acq: 19 Jun 2020 20:43

Instrument :

BNA_F

ClientSampleId :

TP-5

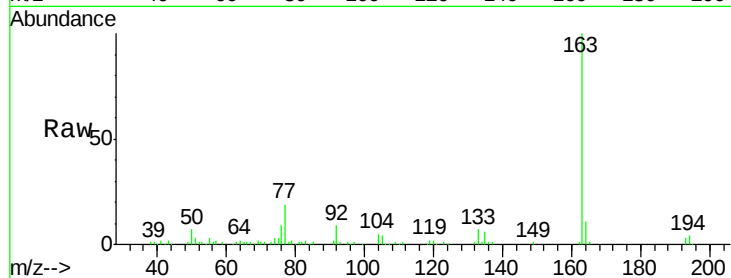
Tot Ion:163 Resp: 93751

Ion Ratio Lower Upper

163 100

194 4.5 3.1 4.7

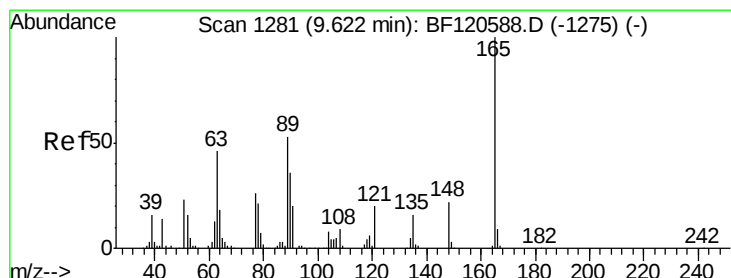
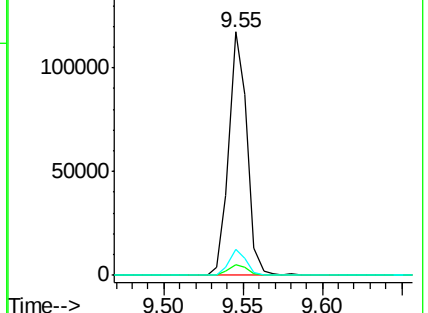
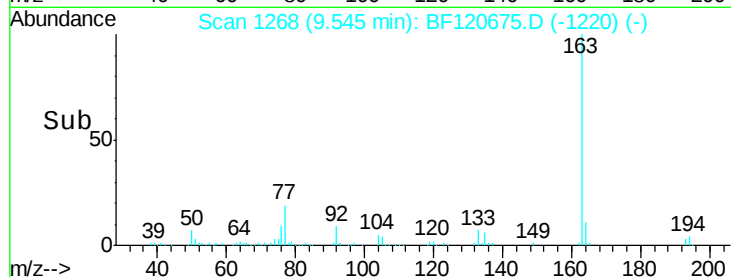
164 10.6 8.5 12.7



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



#51

2,6-Dinitrotoluene

Concen: 8.206 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF120675.D

Acq: 19 Jun 2020 20:43

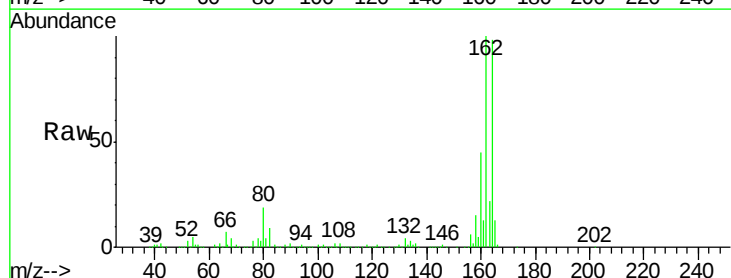
Tgt Ion:165 Resp: 37315

Ion Ratio Lower Upper

165 100

63 1.1 41.7 62.5#

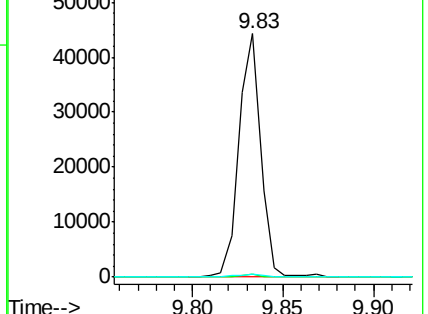
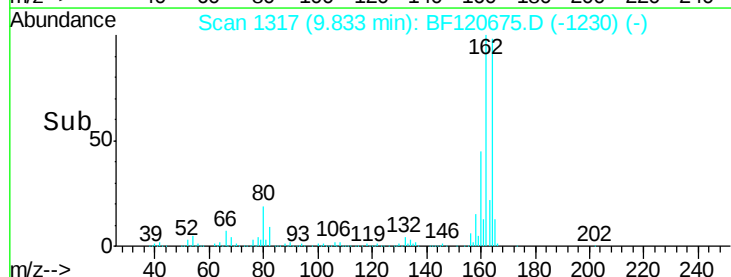
89 1.3 42.6 64.0#

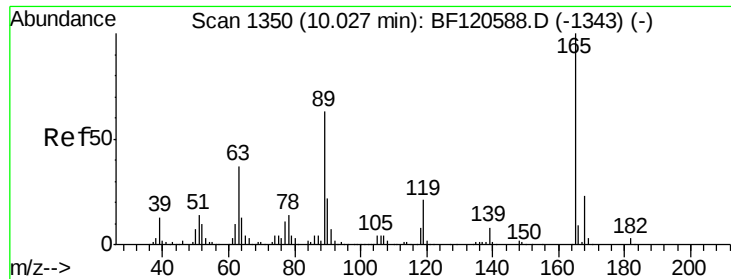


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

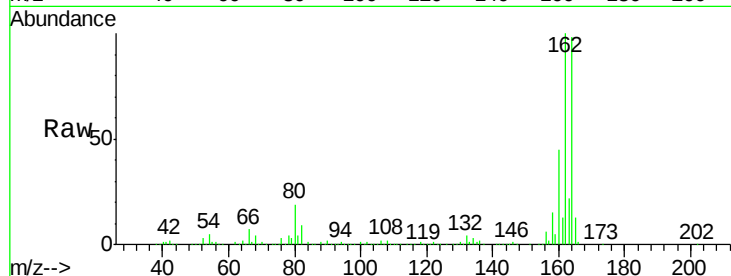




#57
 2,4-Dinitrotoluene
 Concen: 6.184 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BF120675.D
 Acq: 19 Jun 2020 20:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.8#
89	1.3	50.4	75.6#
182	0.0	2.1	3.1#

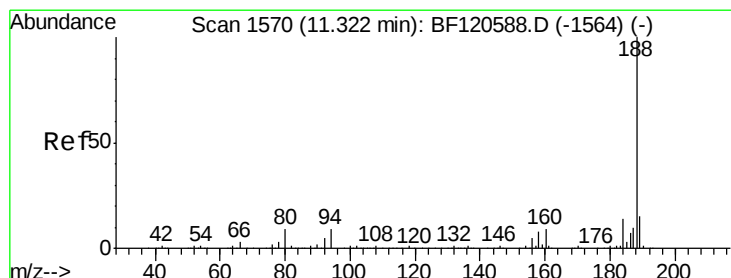
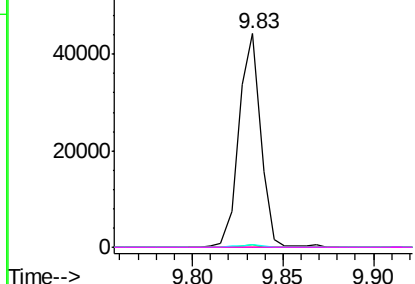
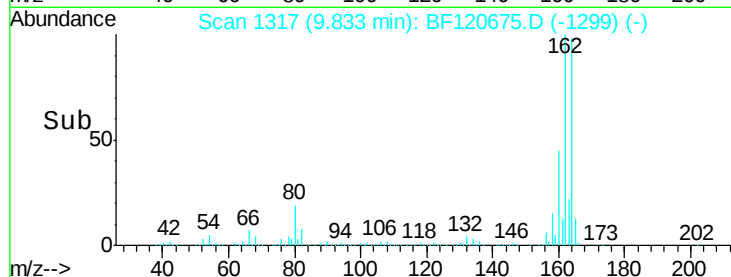


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

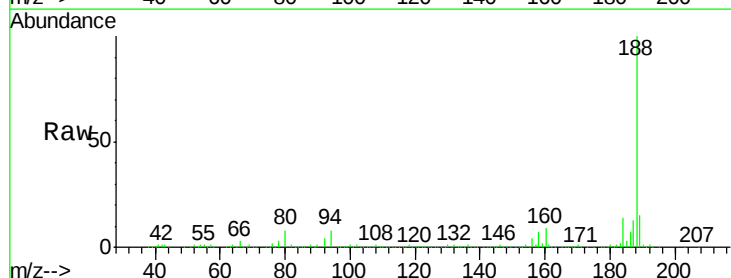
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF120675.D
 Acq: 19 Jun 2020 20:43

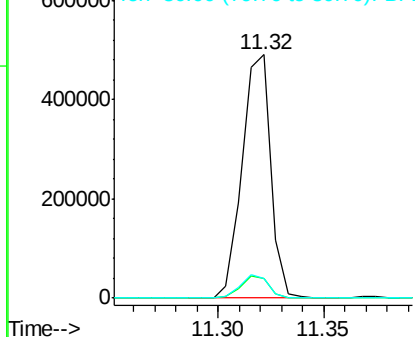
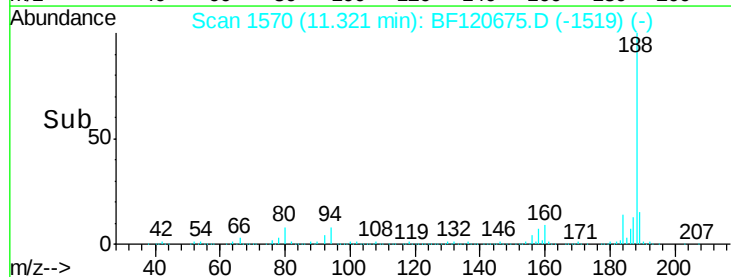
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	8.2	7.4	11.2

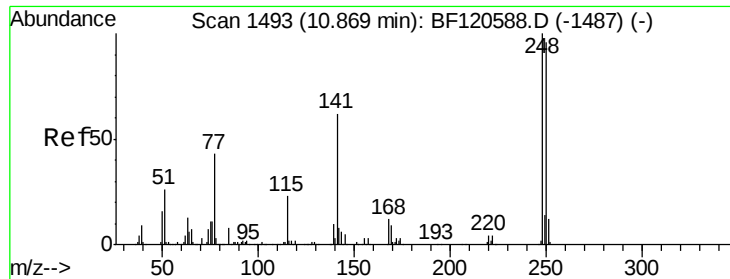


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

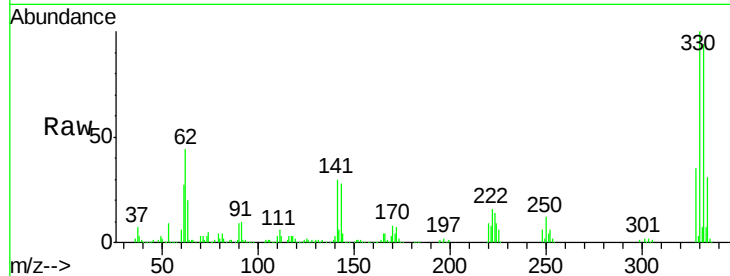




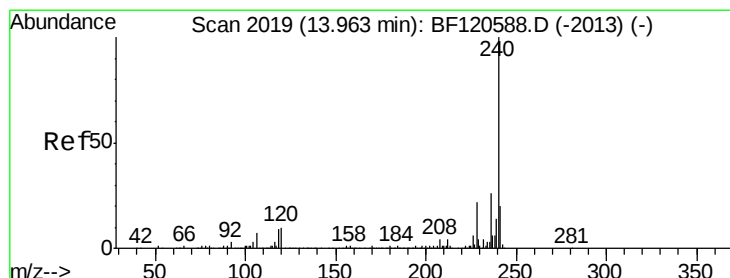
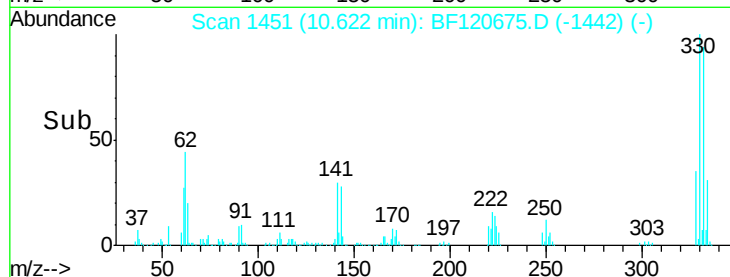
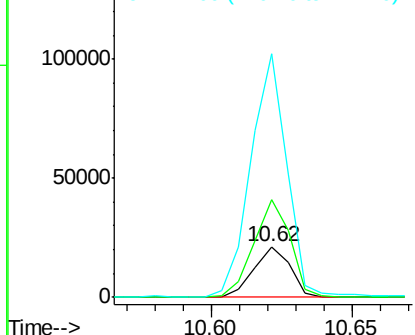
#67
4-Bromophenyl-phenylether
Concen: 3.637 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF120675.D
Acq: 19 Jun 2020 20:43

Instrument :
BNA_F
ClientSampled :
TP-5

Tot Ion:248 Resp: 19043
Ion Ratio Lower Upper
248 100
250 193.1 76.7 115.1#
141 479.9 49.4 74.0#

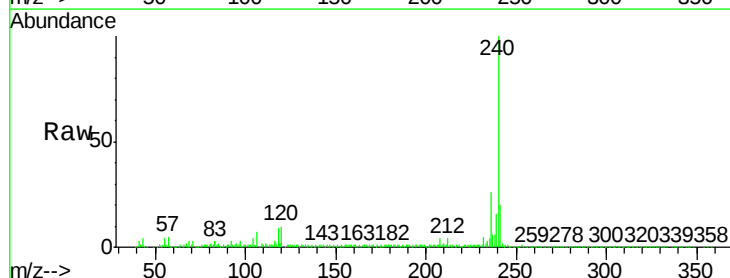


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

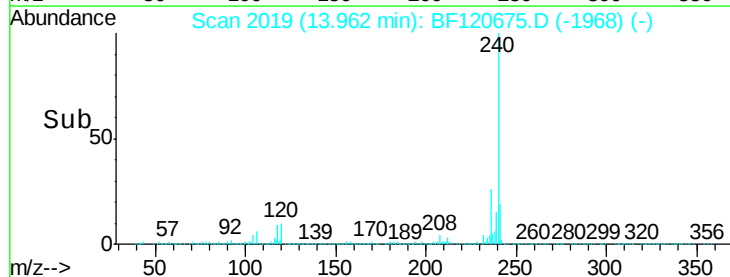
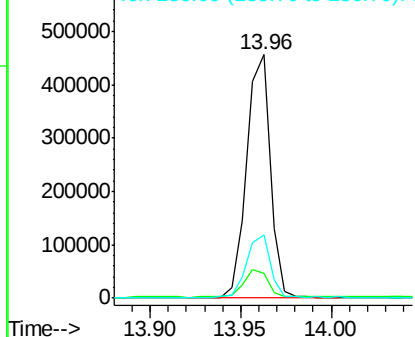


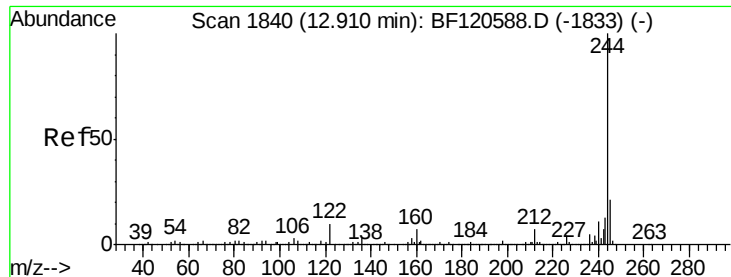
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF120675.D
Acq: 19 Jun 2020 20:43

Tgt Ion:240 Resp: 412809
Ion Ratio Lower Upper
240 100
120 10.3 8.3 12.5
236 26.2 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

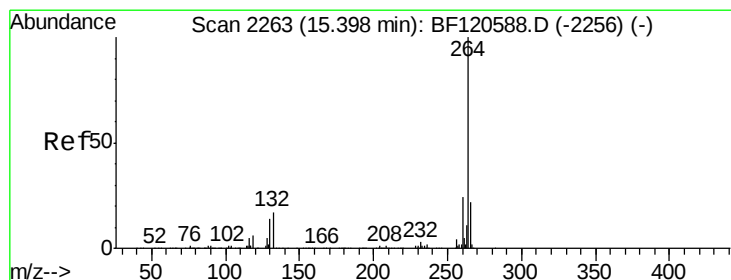
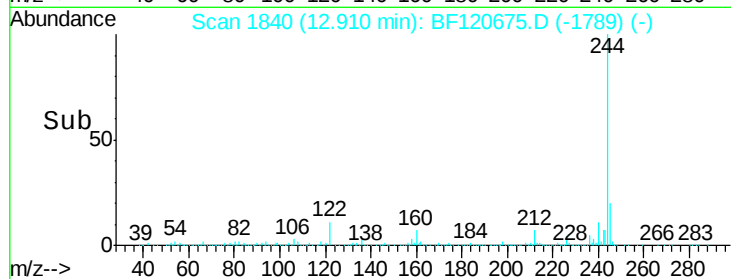
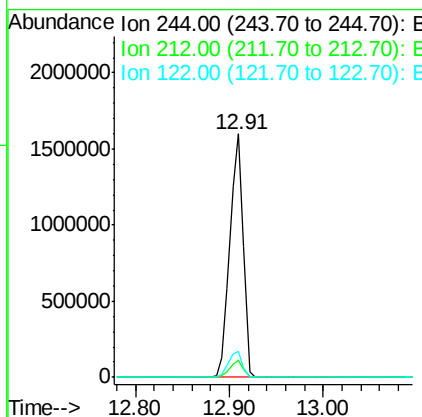
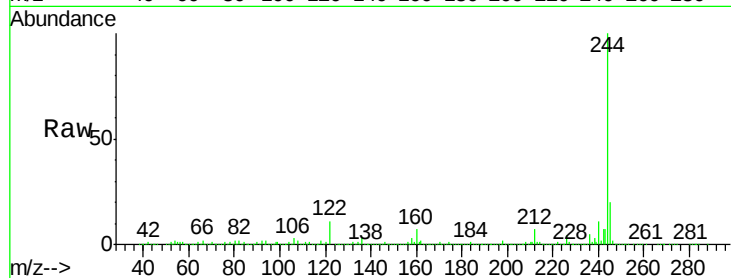




#79
 Terphenyl-d14
 Concen: 84.773 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF120675.D
 Acq: 19 Jun 2020 20:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tot Ion:244 Resp: 1584298
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: BF120675.D
 Acq: 19 Jun 2020 20:43

Tgt Ion:264 Resp: 423083
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.3 28.9
 265 22.8 17.8 26.8

