

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120713.D
 Acq On : 26 Jun 2020 17:15
 Operator : JU/CG
 Sample : PB129807BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129807BL

Quant Time: Jun 26 18:38:56 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

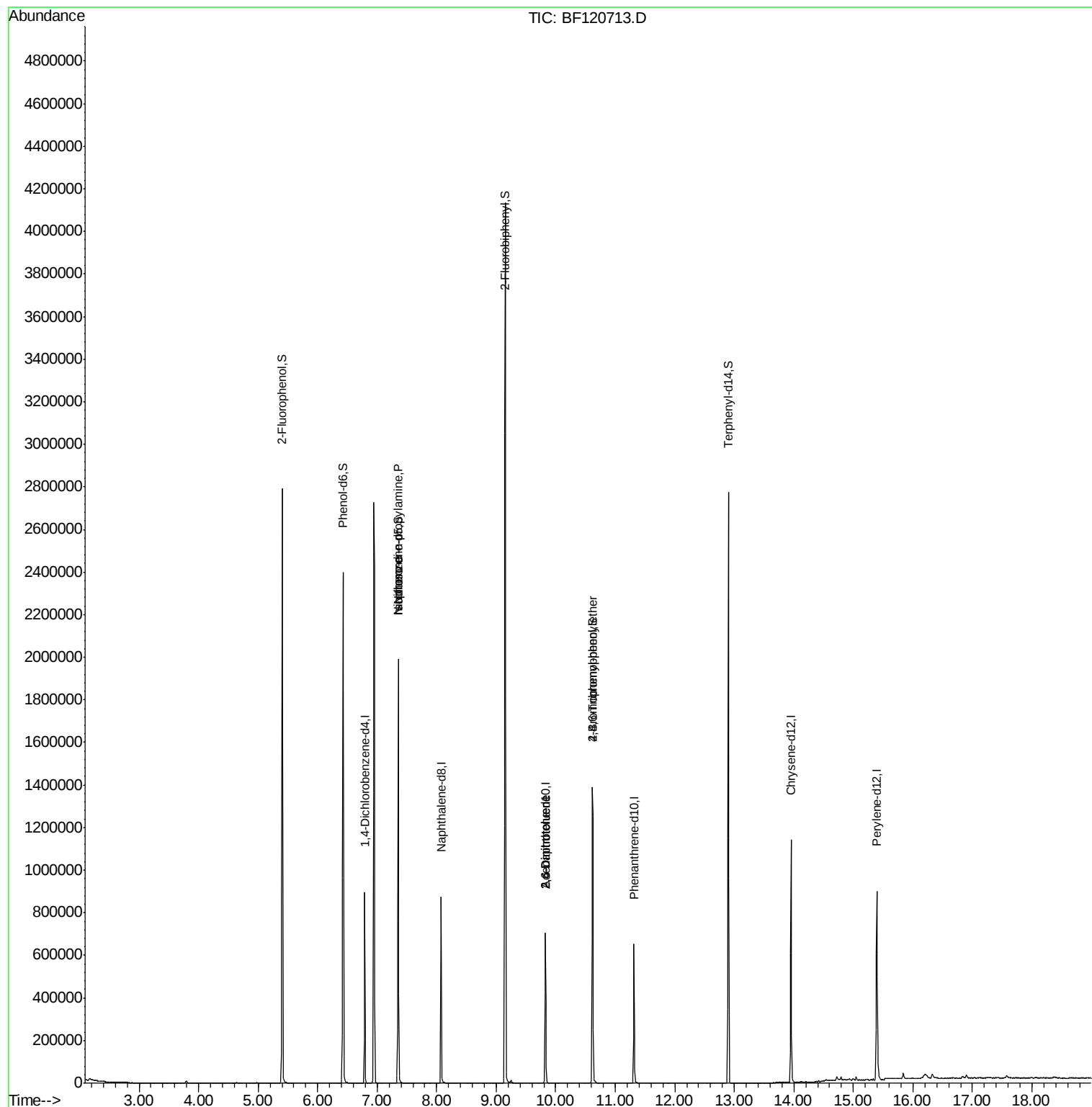
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139194	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	419897	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	141404	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	291600	20.00	ng	0.00
76) Chrysene-d12	13.95	240	413600	20.00	ng	-0.01
86) Perylene-d12	15.40	264	455526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	867585	106.86	ng	-0.01
7) Phenol-d6	6.43	99	966014	95.53	ng	-0.01
23) Nitrobenzene-d5	7.36	82	617189	82.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	198250	120.59	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1360275	147.18	ng	-0.01
79) Terphenyl-d14	12.90	244	1042239	55.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	81483	13.892	ng	# 75
25) Isophorone	7.36	82	613402	41.919	ng	# 62
51) 2,6-Dinitrotoluene	9.83	165	17857	7.737	ng	# 26
57) 2,4-Dinitrotoluene	9.83	165	17857	5.831	ng	# 27
67) 4-Bromophenyl-phenylether	10.62	248	11878	3.589	ng	# 1

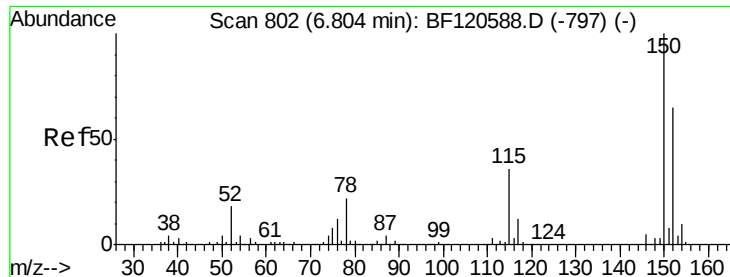
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF120713.D

Acq: 26 Jun 2020 17:15

Instrument :

BNA_F

ClientSampleId :

PB129807BL

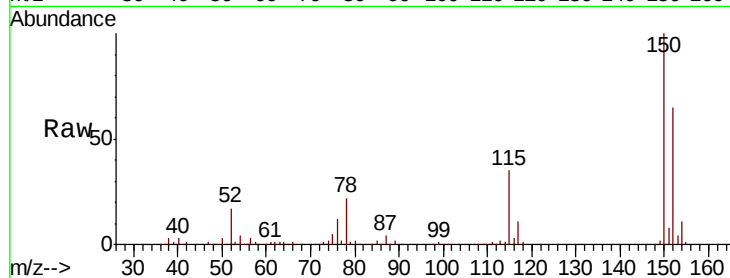
Tot Ion:152 Resp: 139194

Ion Ratio Lower Upper

152 100

150 154.0 123.2 184.8

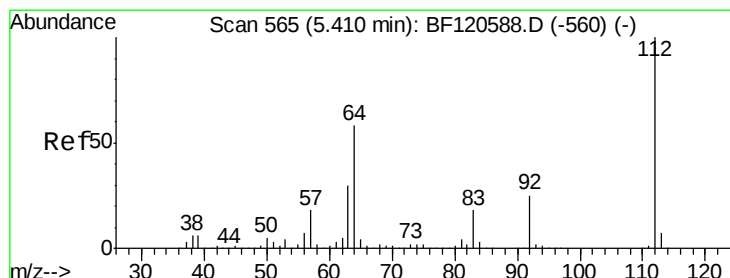
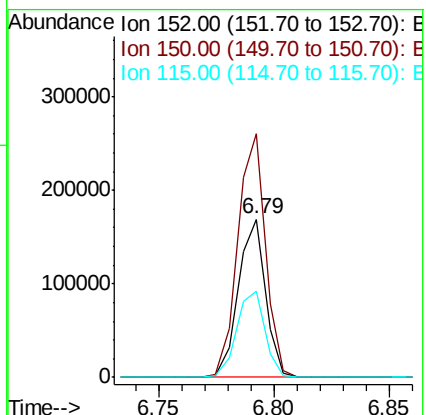
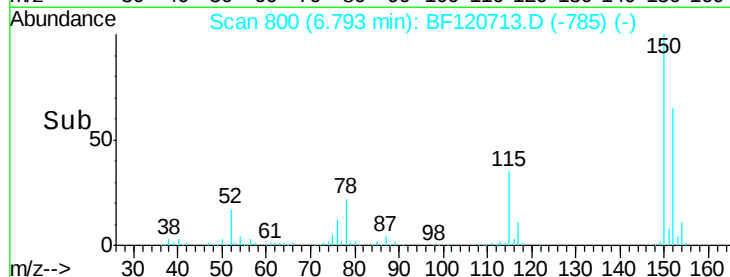
115 54.6 43.9 65.9



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: 106.860 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF120713.D

Acq: 26 Jun 2020 17:15

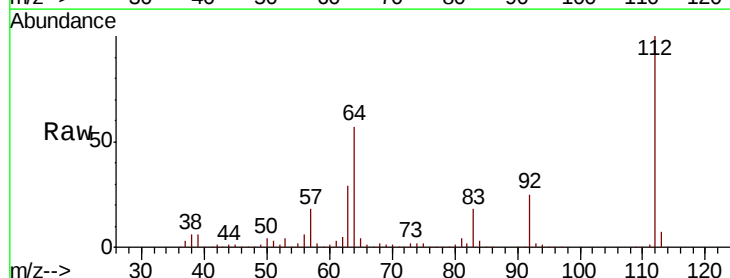
Tgt Ion:112 Resp: 867585

Ion Ratio Lower Upper

112 100

64 56.5 46.1 69.1

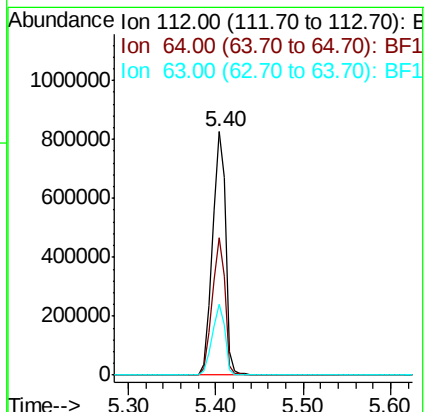
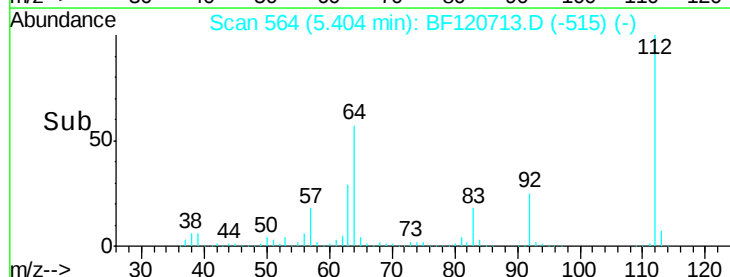
63 29.1 23.7 35.5

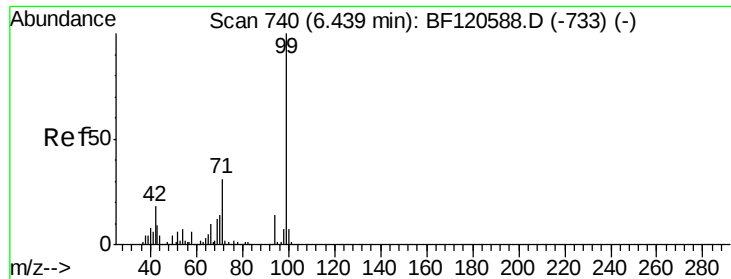


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 95.531 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120713.D

Acq: 26 Jun 2020 17:15

Instrument :

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ClientSampleId :

PB129807BL

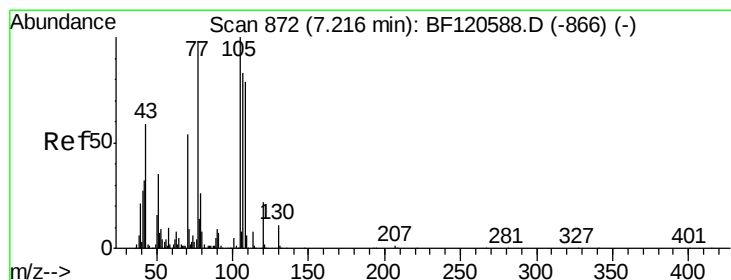
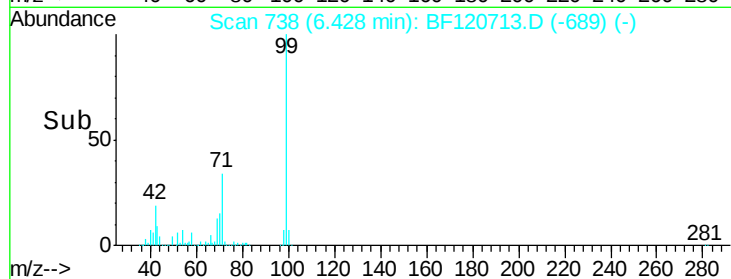
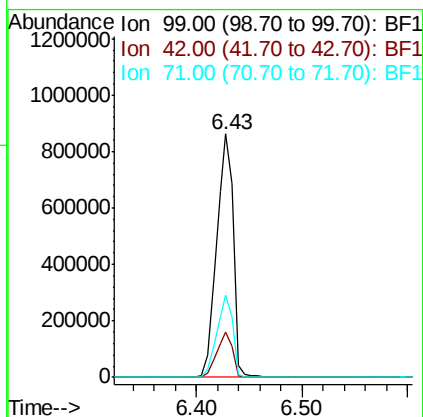
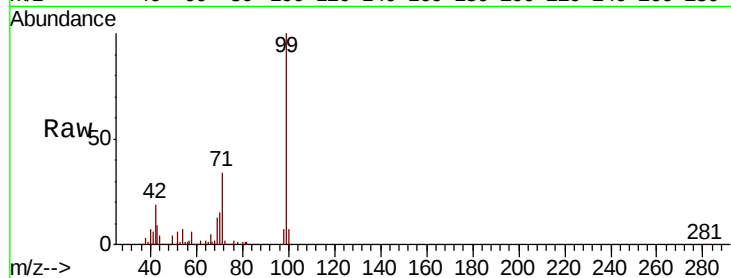
Tot Ion: 99 Resp: 966014

Ion Ratio Lower Upper

99 100

42 18.5 14.0 21.0

71 33.9 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.892 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120713.D

Acq: 26 Jun 2020 17:15

Tgt Ion: 70 Resp: 81483

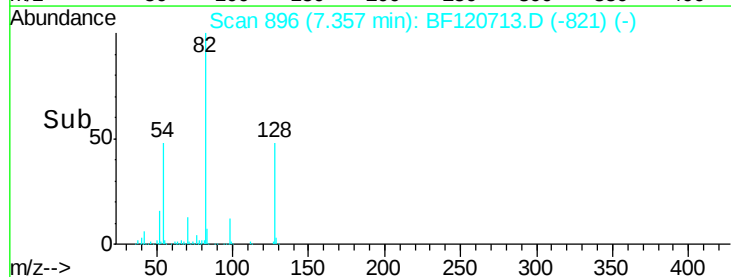
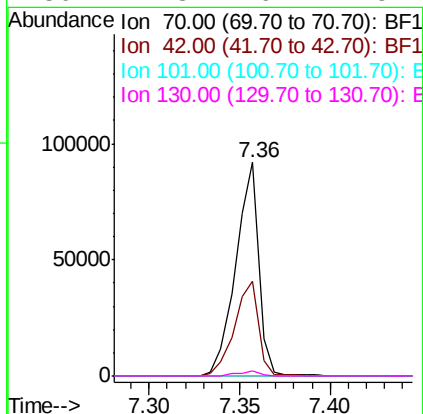
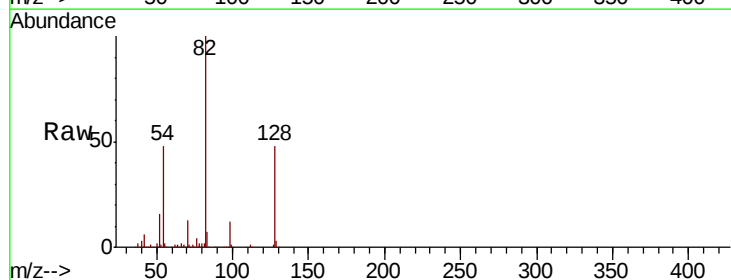
Ion Ratio Lower Upper

70 100

42 44.5 47.7 71.5#

101 0.0 7.6 11.4#

130 2.3 16.7 25.1#

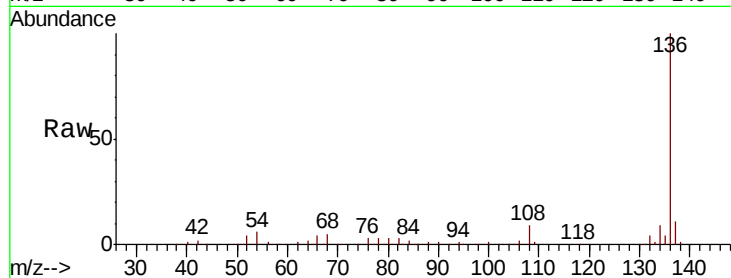




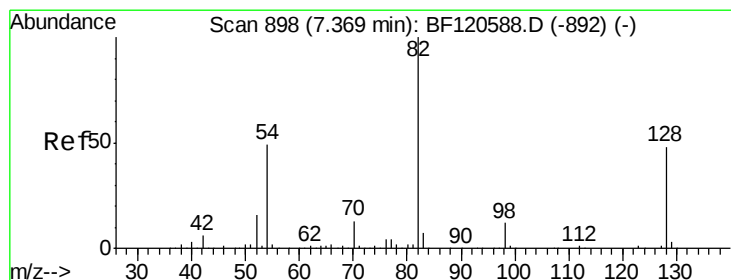
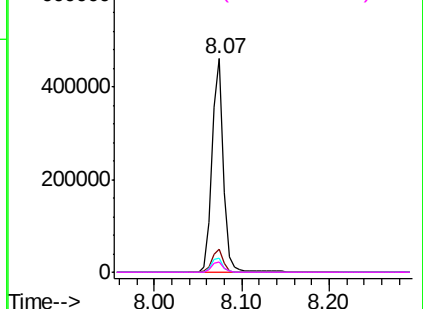
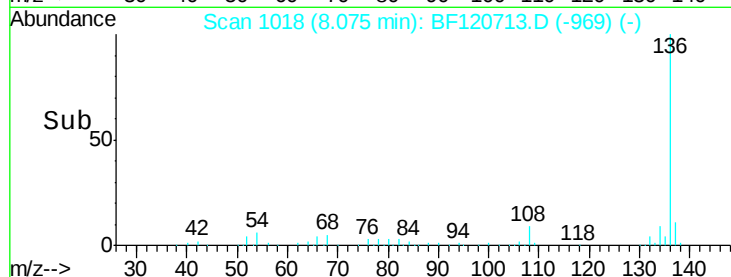
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF120713.D
Acq: 26 Jun 2020 17:15

Instrument :
BNA_F
ClientSampleId :
PB129807BL

Tot Ion:136	Resp:	419897	
Ion Ratio	Lower	Upper	
136 100			
137 10.5	8.6	13.0	
54 6.5	5.8	8.6	
68 4.9	4.4	6.6	

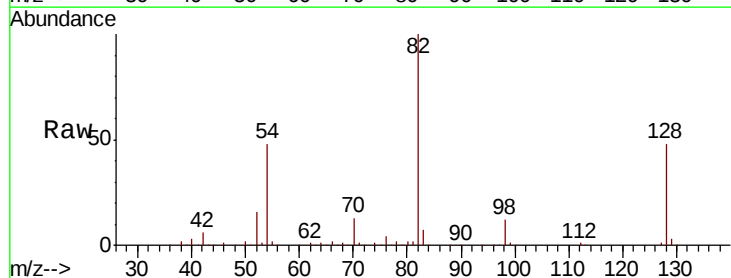


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

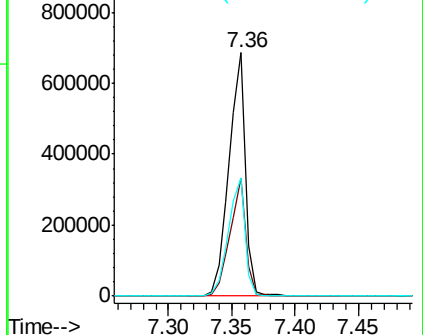
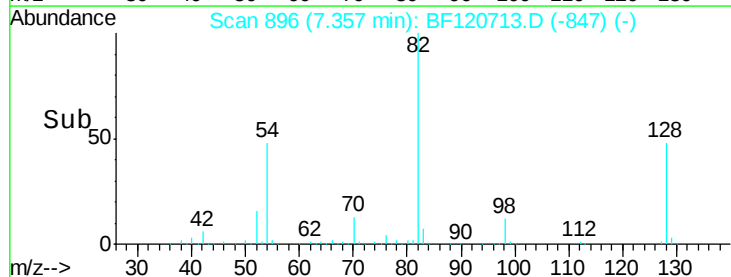


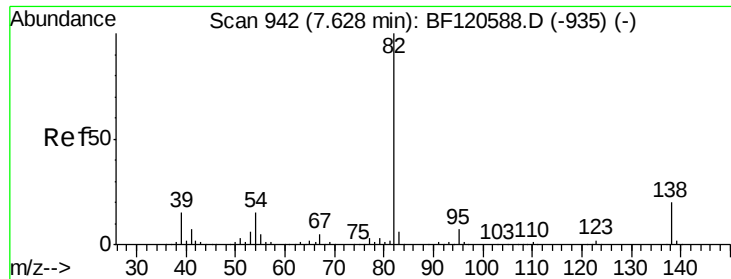
#23
Nitrobenzene-d5
Concen: 82.160 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120713.D
Acq: 26 Jun 2020 17:15

Tgt Ion: 82	Resp: 617189
Ion Ratio	Lower Upper
82 100	
128 48.3	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: 41.919 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF120713.D

Acq: 26 Jun 2020 17:15

Instrument :

BNA_F

ClientSampleId :

PB129807BL

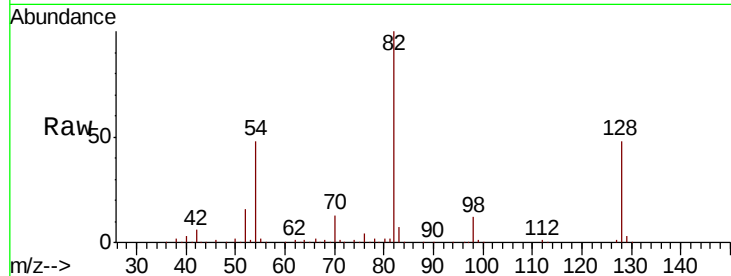
Tot Ion: 82 Resp: 613402

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

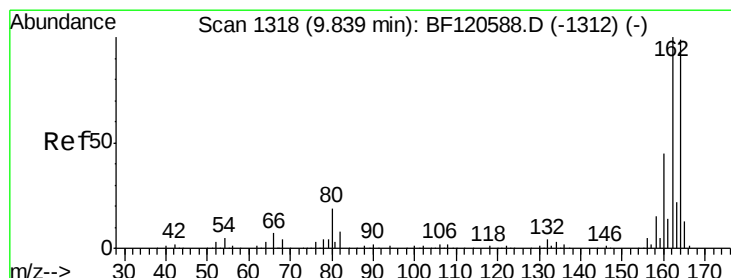
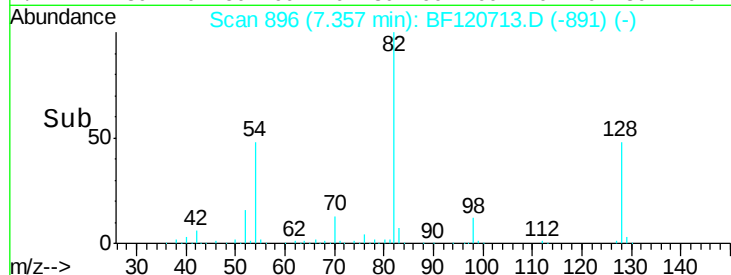
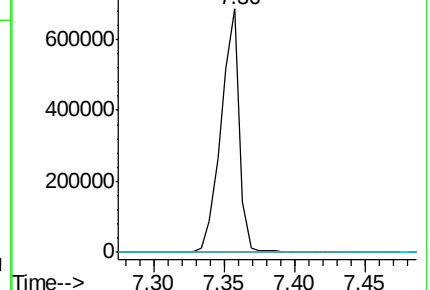
138 0.0 16.2 24.4#



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: BF120713.D

Acq: 26 Jun 2020 17:15

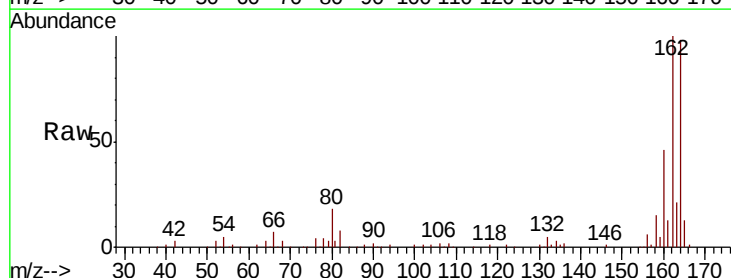
Tgt Ion: 164 Resp: 141404

Ion Ratio Lower Upper

164 100

162 102.0 80.6 120.8

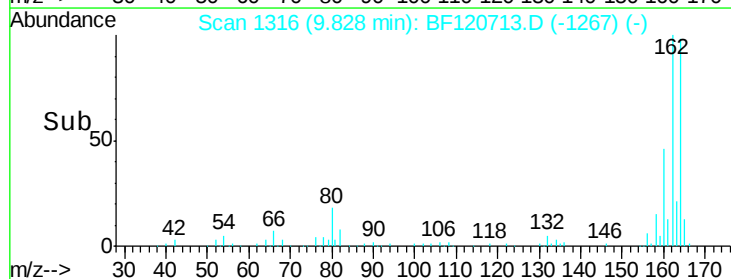
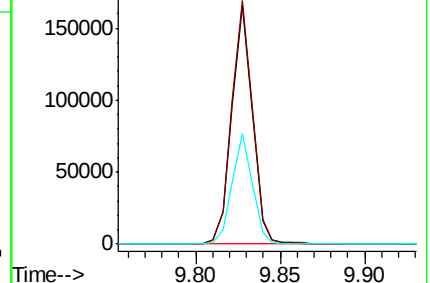
160 46.4 36.2 54.2

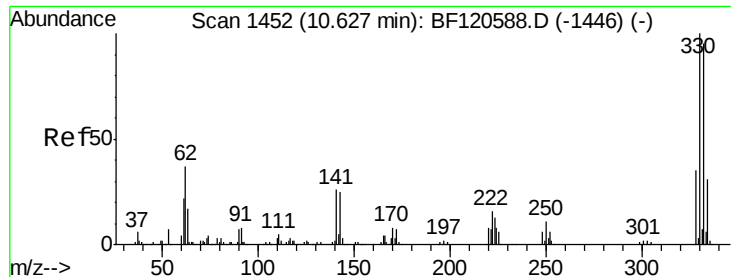


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 120.589 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF120713.D

Acq: 26 Jun 2020 17:15

Instrument :

BNA_F

ClientSampled :

PB129807BL

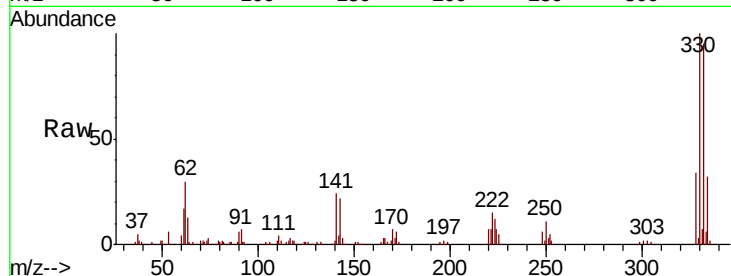
Tot Ion:330 Resp: 198250

Ion Ratio Lower Upper

330 100

332 94.7 76.8 115.2

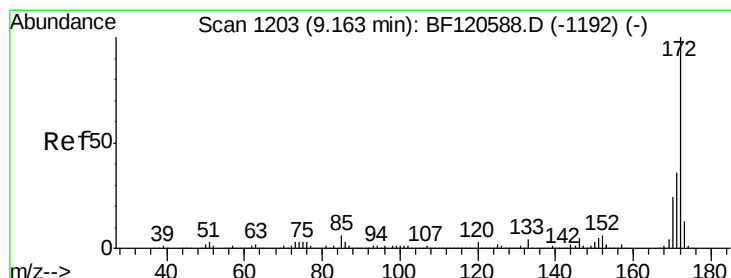
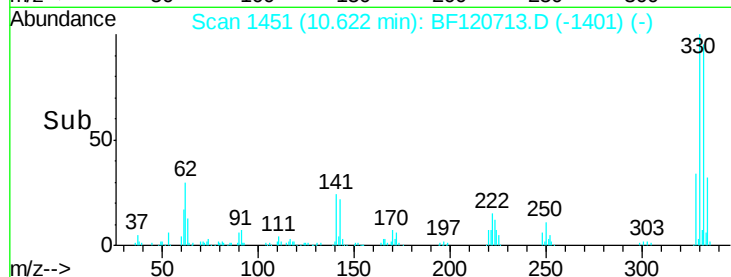
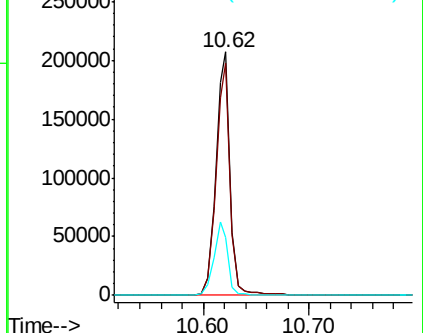
141 29.6 23.2 34.8



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: 147.181 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF120713.D

Acq: 26 Jun 2020 17:15

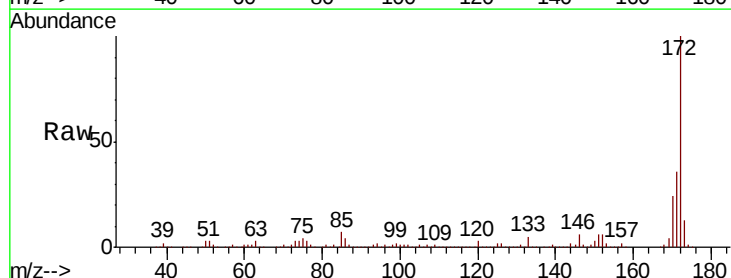
Tgt Ion:172 Resp: 1360275

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

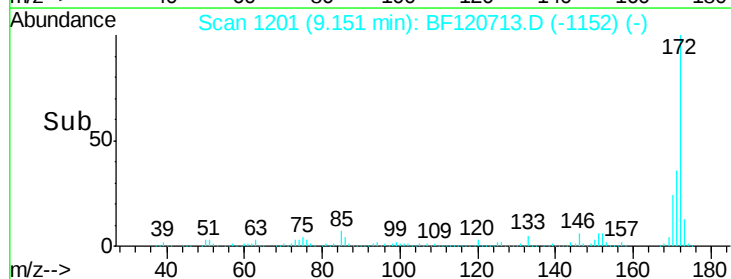
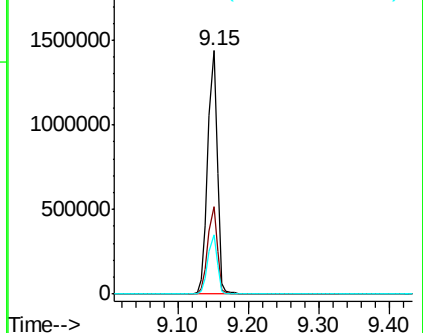
170 24.4 19.4 29.2

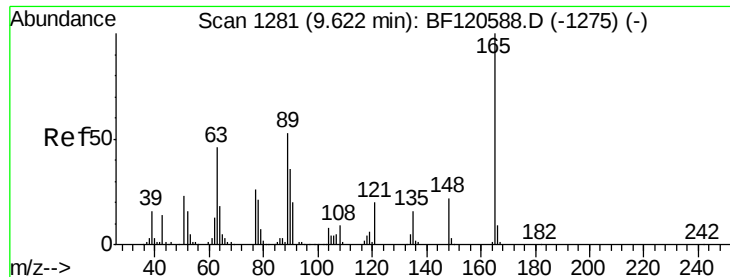


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.737 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.21 min

Lab File: BF120713.D

Acq: 26 Jun 2020 17:15

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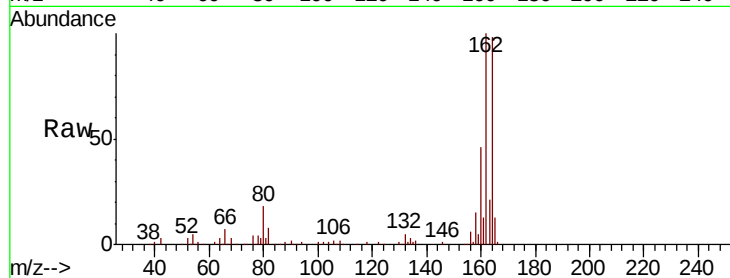
Tot Ion:165 Resp: 17857

Ion Ratio Lower Upper

165 100

63 0.0 41.7 62.5#

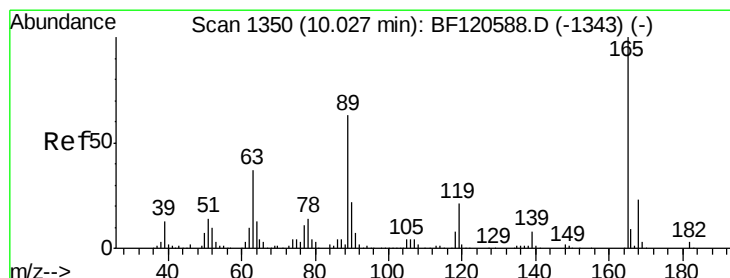
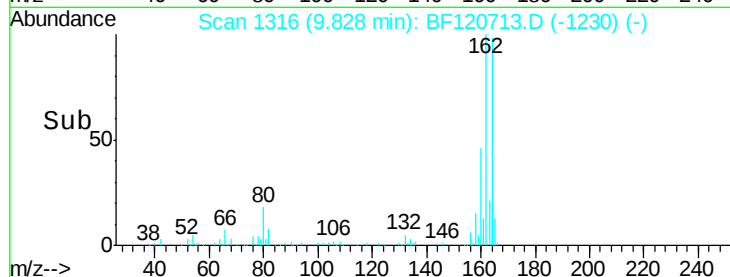
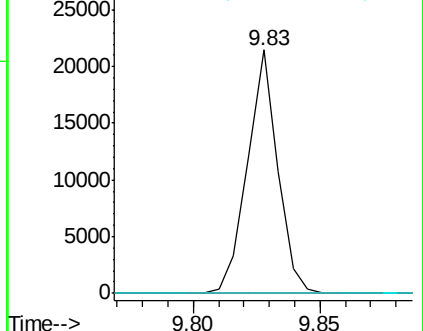
89 0.0 42.6 64.0#



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: 5.831 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.20 min

Lab File: BF120713.D

Acq: 26 Jun 2020 17:15

Tgt Ion:165 Resp: 17857

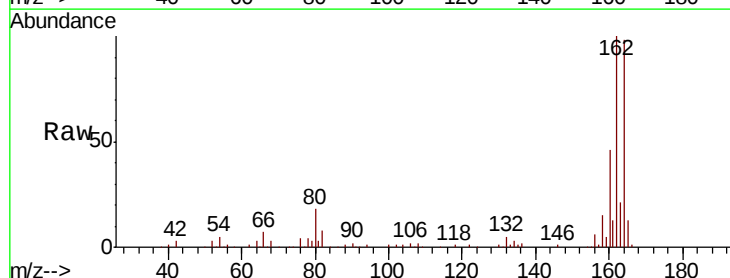
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.8#

89 0.0 50.4 75.6#

182 0.0 2.1 3.1#

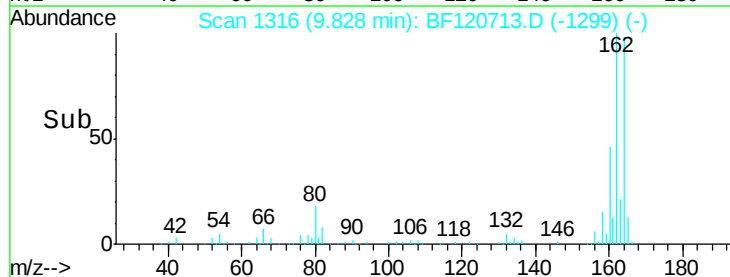
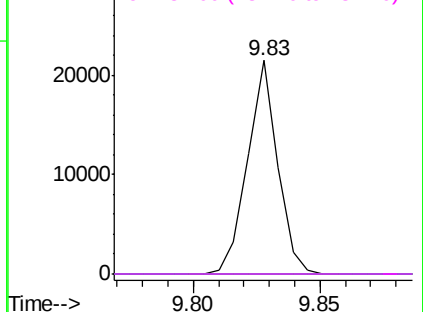


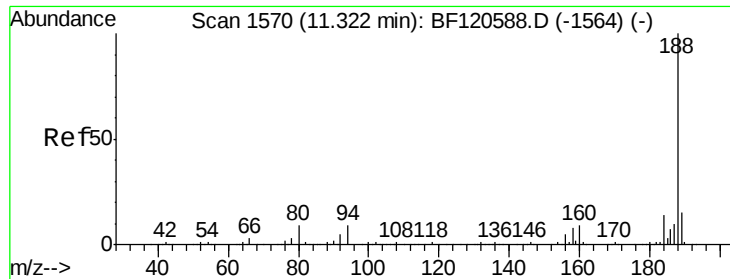
Abundance Ion 165.00 (164.70 to 165.70): E

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

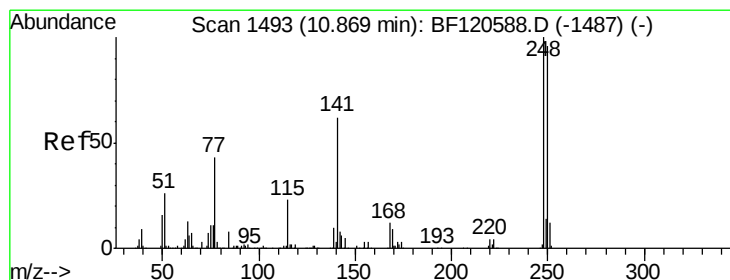
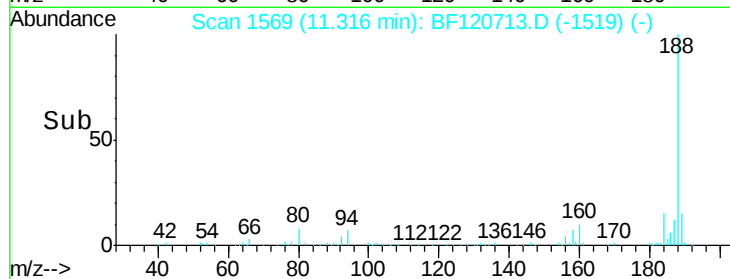
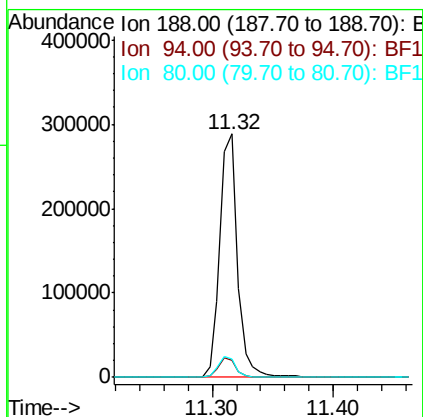
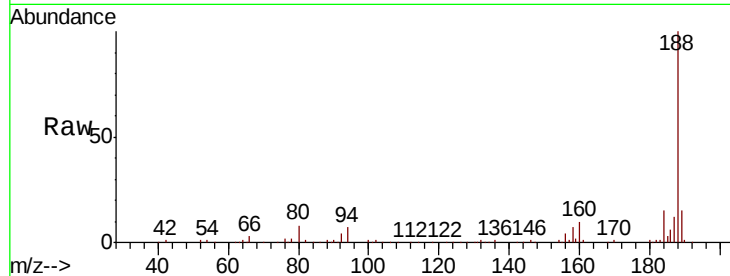




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF120713.D
 Acq: 26 Jun 2020 17:15

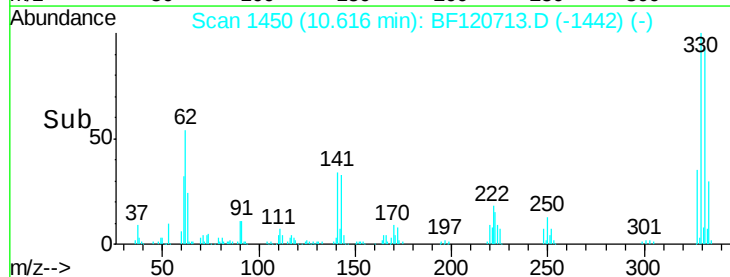
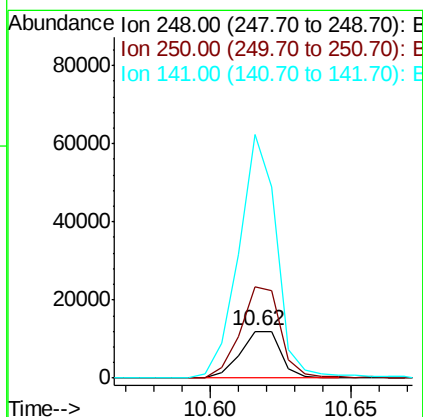
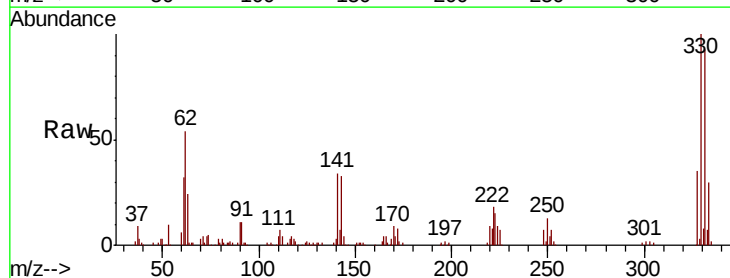
Instrument :
 BNA_F
 ClientSampleId :
 PB129807BL

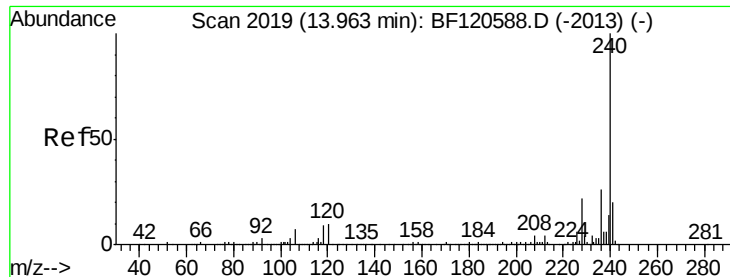
Tot Ion:188 Resp: 291600
 Ion Ratio Lower Upper
 188 100
 94 7.2 7.2 10.8#
 80 7.7 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.589 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF120713.D
 Acq: 26 Jun 2020 17:15

Tgt Ion:248 Resp: 11878
 Ion Ratio Lower Upper
 248 100
 250 196.1 76.7 115.1#
 141 519.2 49.4 74.0#

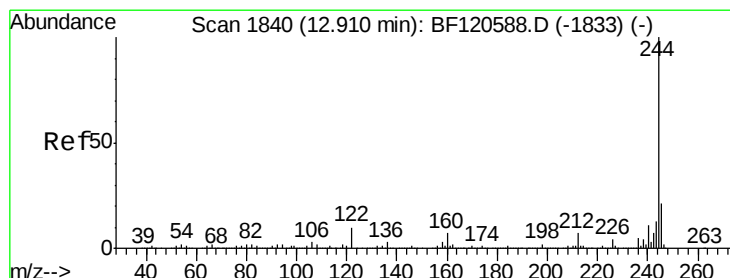
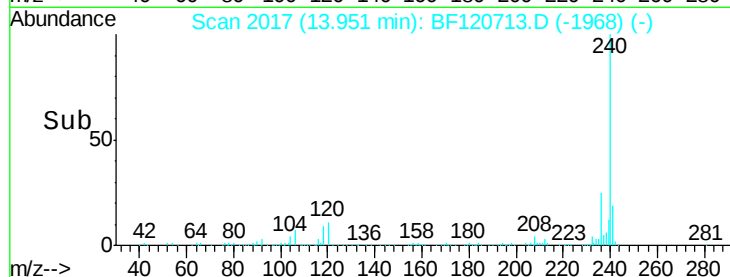
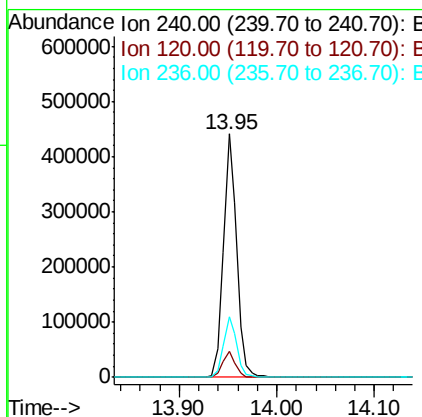
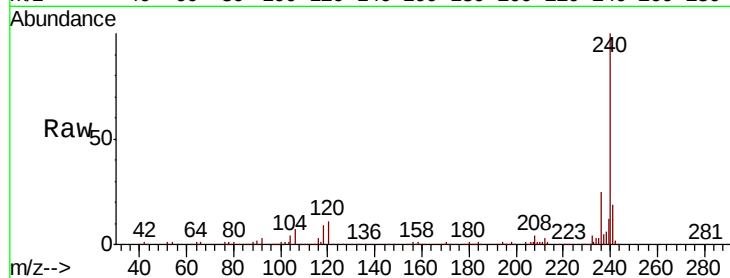




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF120713.D
 Acq: 26 Jun 2020 17:15

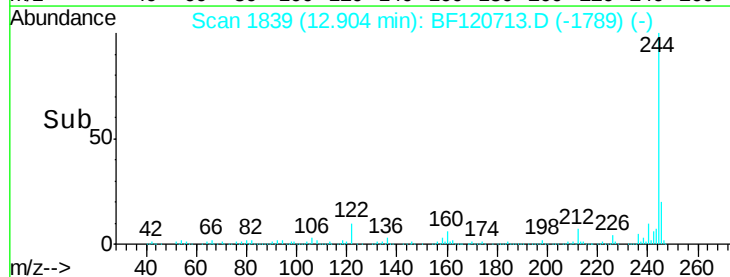
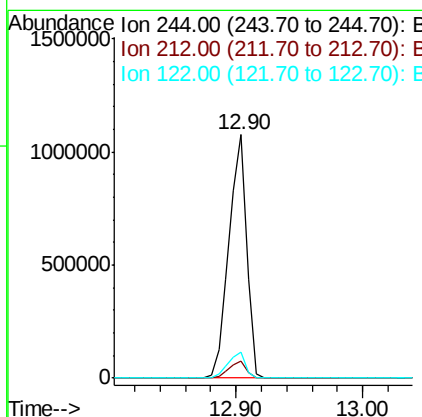
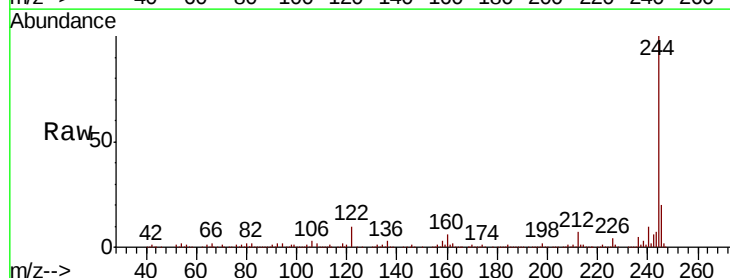
Instrument :
 BNA_F
 ClientSampleId :
 PB129807BL

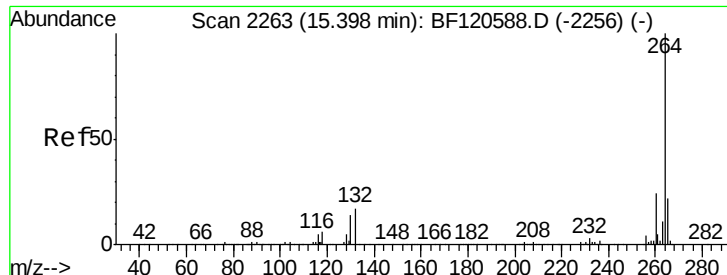
Tot Ion:240 Resp: 413600
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.3 12.5
 236 25.0 21.0 31.4



#79
 Terphenyl-d14
 Concen: 55.662 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF120713.D
 Acq: 26 Jun 2020 17:15

Tgt Ion:244 Resp: 1042239
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.5 8.3 12.5

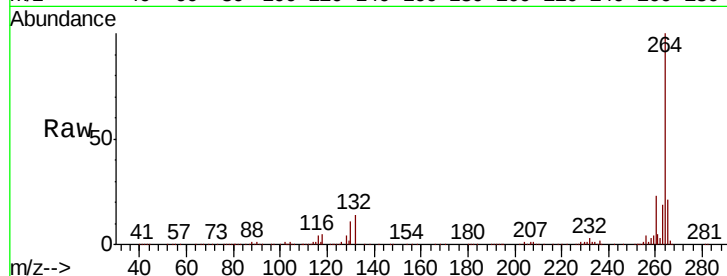




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF120713.D
Acq: 26 Jun 2020 17:15

Instrument :
BNA_F
ClientSampleId :
PB129807BL

Tot Ion:264 Resp: 455526
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 21.4 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

