

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118809.D
 Acq On : 4 Feb 2020 18:54
 Operator : CG/JU
 Sample : L1377-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 05 06:33:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

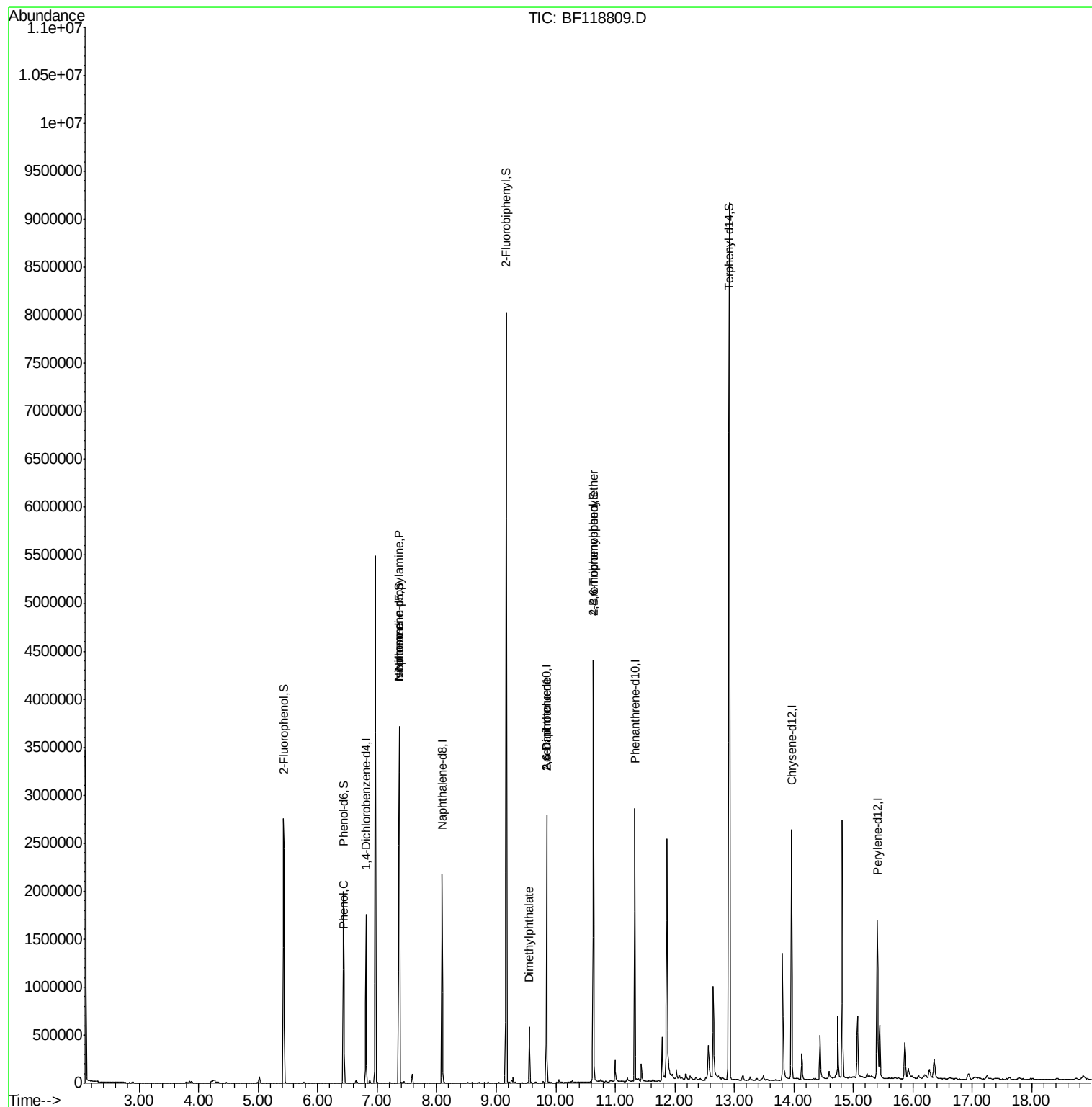
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	252578	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	953885	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	542241	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	1046976	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	820638	20.00	ng	-0.02
87) Perylene-d12	15.40	264	790461	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	814960	61.08	ng	0.00
7) Phenol-d6	6.43	99	625170	37.74	ng	-0.02
23) Nitrobenzene-d5	7.37	82	1378985	86.17	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	613072	94.49	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2685545	88.54	ng	-0.01
79) Terphenyl-d14	12.92	244	3661610	91.65	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.36	77	360	Below Cal	Qvalue	# 69
10) Phenol	6.45	94	46742	2.538 ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	189149	18.664 ng	#	76
25) Isophorone	7.37	82	1378962	47.945 ng	#	63
50) Dimethylphthalate	9.56	163	222396	6.023 ng		98
51) 2,6-Dinitrotoluene	9.85	165	71523	8.466 ng	#	31
57) 2,4-Dinitrotoluene	9.85	165	71523	6.397 ng	#	34
67) 4-Bromophenyl-phenylether	10.63	248	39083	3.156 ng	#	1

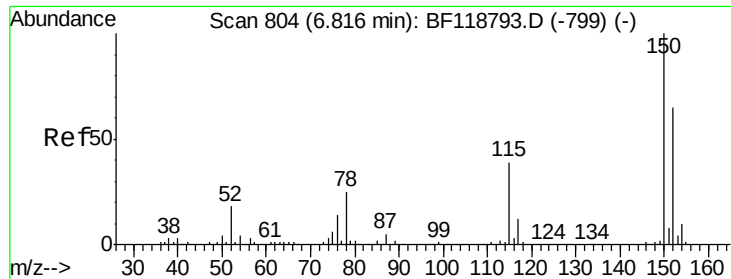
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 05 06:33:01 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



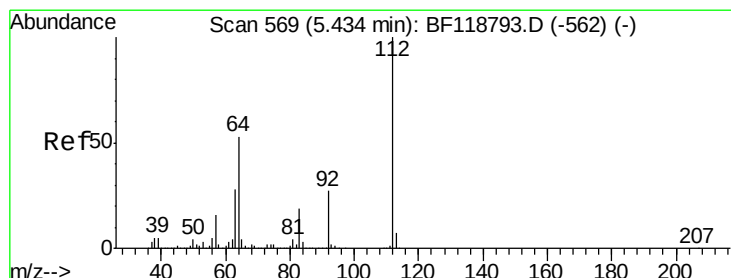
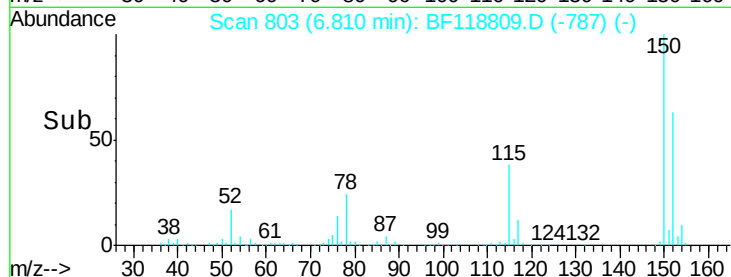
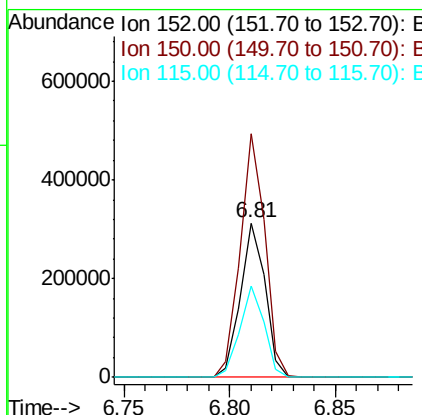
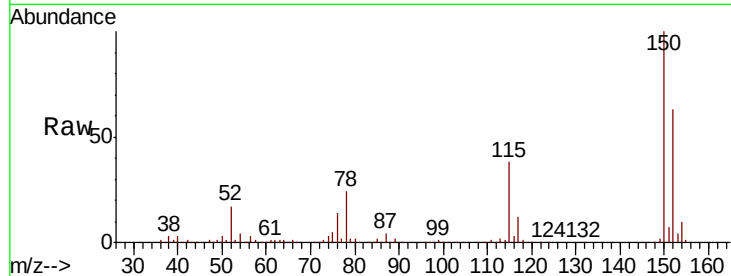


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118809.D
Acq: 4 Feb 2020 18:54

Instrument :
BNA_G
ClientSampleId :

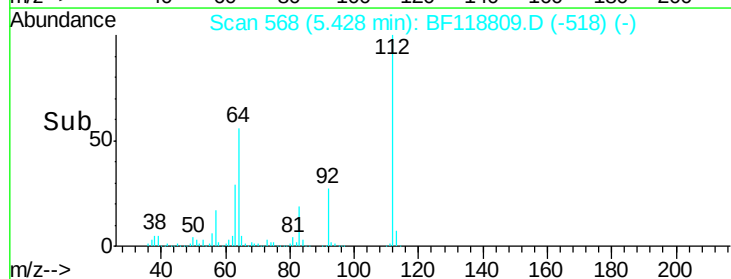
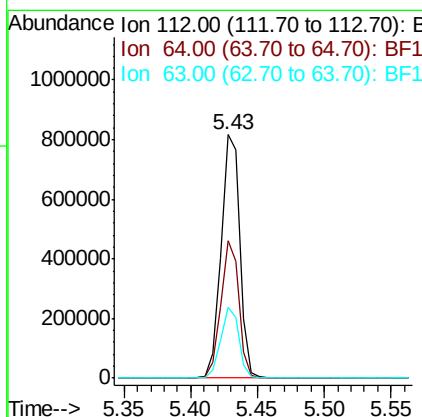
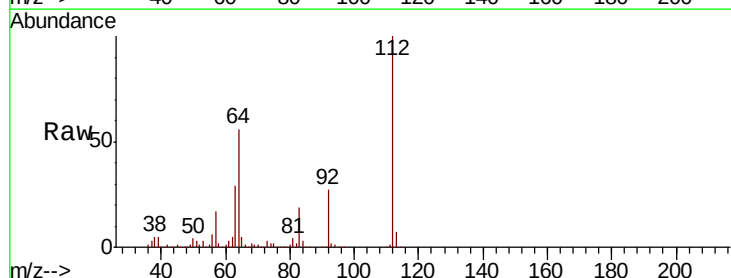
Tot Ion:152 Resp: 252578
Ion Ratio Lower Upper
152 100
150 158.1 123.6 185.4
115 59.3 48.2 72.2

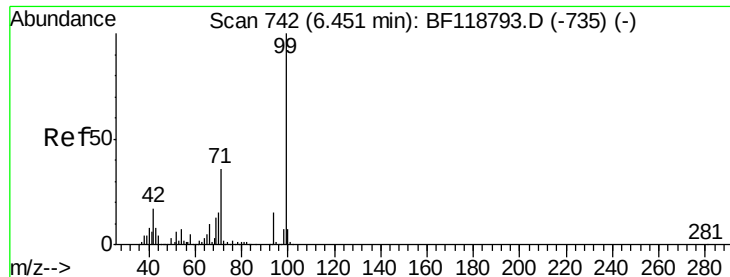


#5

2-Fluorophenol
Concen: 61.077 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF118809.D
Acq: 4 Feb 2020 18:54

Tgt Ion:112 Resp: 814960
Ion Ratio Lower Upper
112 100
64 56.2 42.6 63.8
63 29.2 22.2 33.4





#7

Phenol-d6

Concen: 37.743 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF118809.D

Acq: 4 Feb 2020 18:54

Instrument :

BNA_G

ClientSampled :

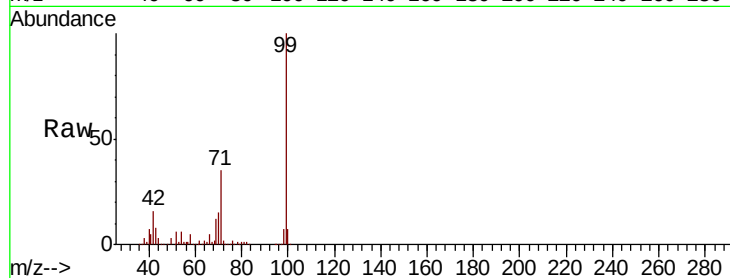
Tot Ion: 99 Resp: 625170

Ion Ratio Lower Upper

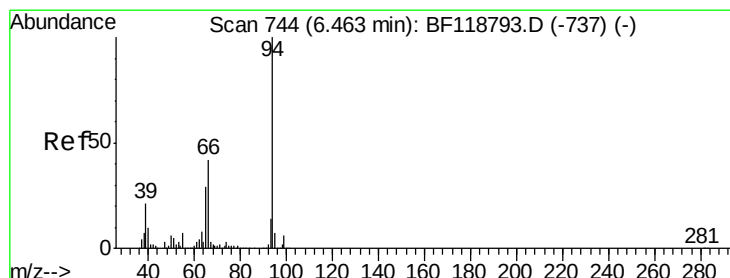
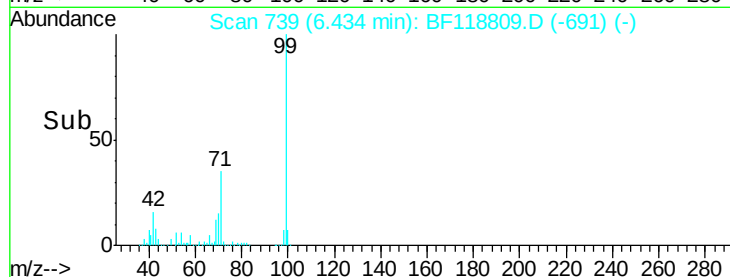
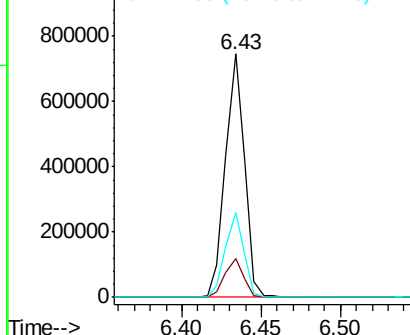
99 100

42 16.0 13.4 20.0

71 34.8 29.0 43.6



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



#10

Phenol

Concen: 2.538 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF118809.D

Acq: 4 Feb 2020 18:54

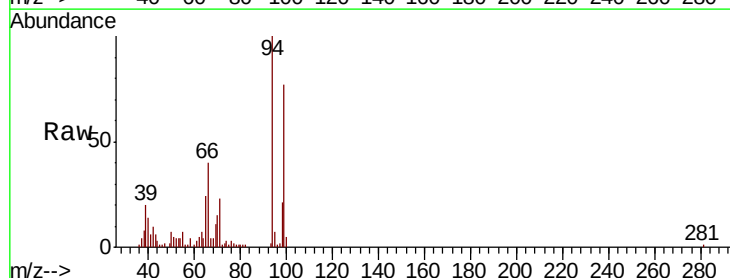
Tgt Ion: 94 Resp: 46742

Ion Ratio Lower Upper

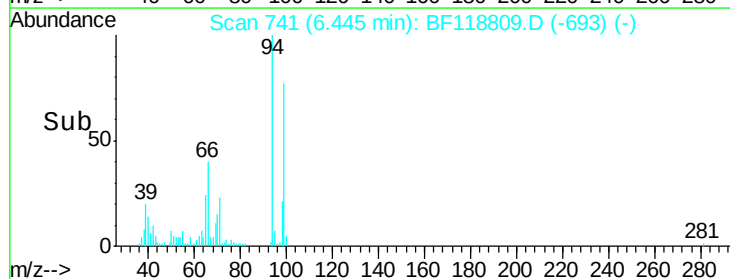
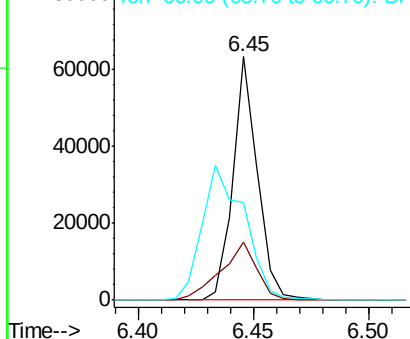
94 100

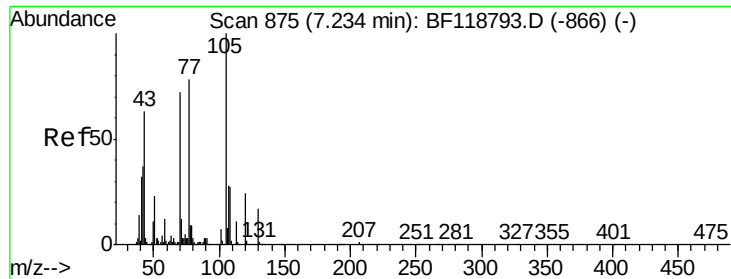
65 23.8 9.1 49.1

66 40.3 21.7 61.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

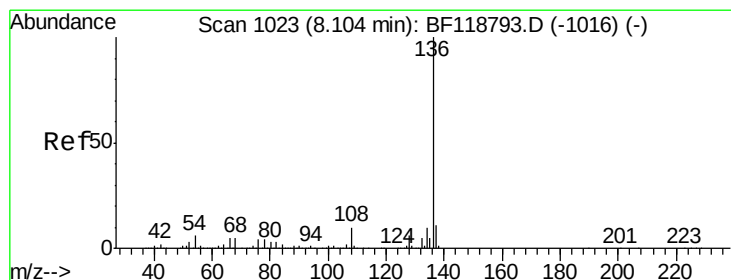
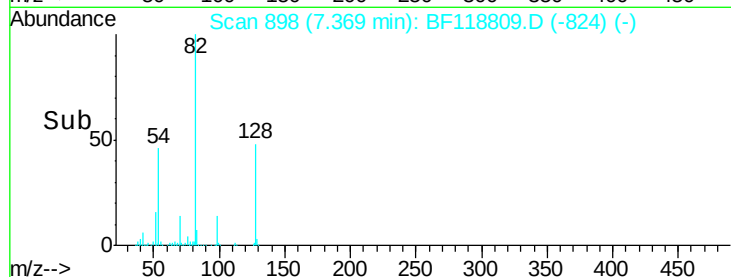
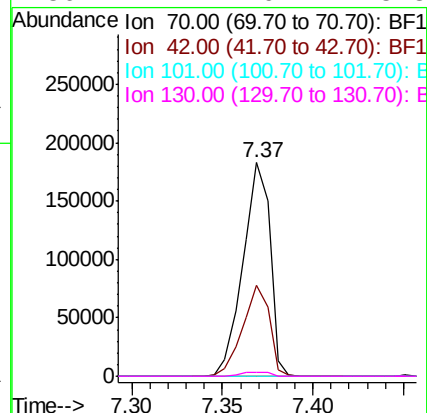
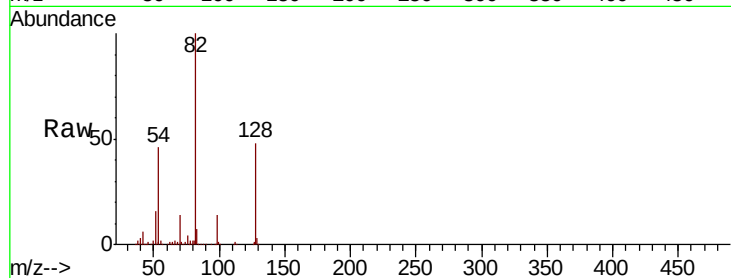




#19
n-Nitroso-di-n-propylamine
Concen: 18.664 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF118809.D
Acq: 4 Feb 2020 18:54

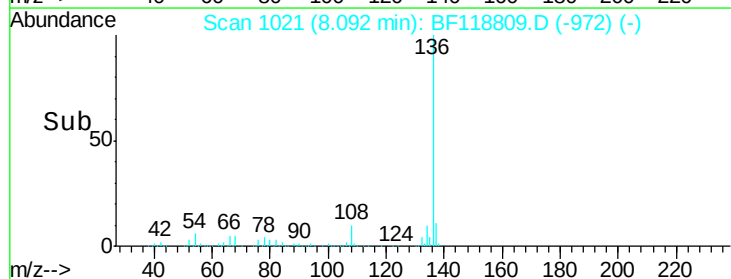
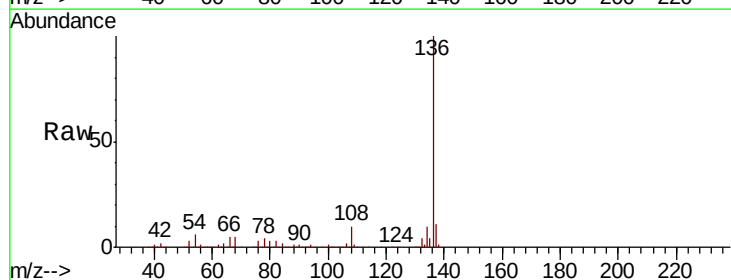
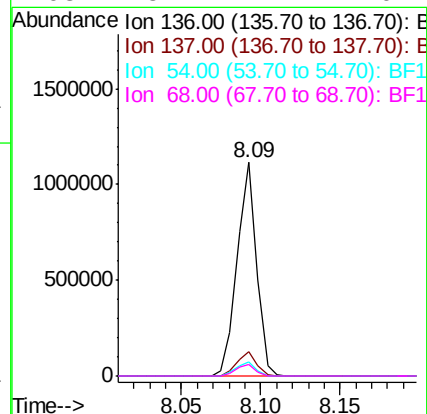
Instrument :
BNA_G
ClientSampleId :

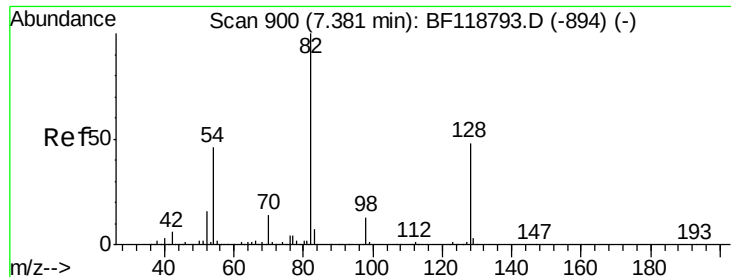
Tot Ion	Ratio	Lower	Upper
70	100		
42	42.5	41.5	62.3
101	0.0	8.3	12.5#
130	2.1	19.2	28.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118809.D
Acq: 4 Feb 2020 18:54

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.3	5.0	7.6
68	5.4	4.2	6.4

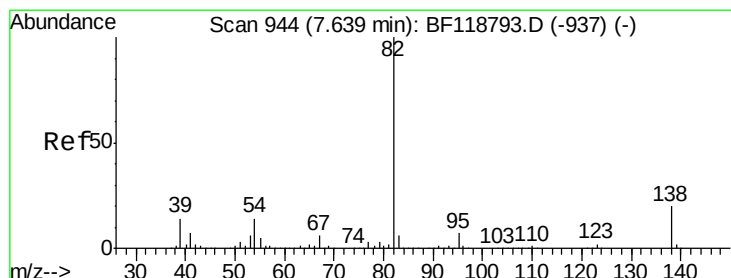
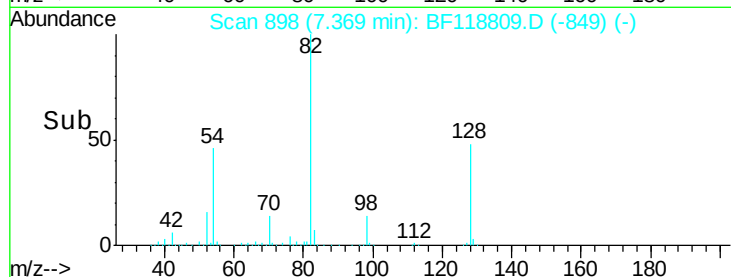
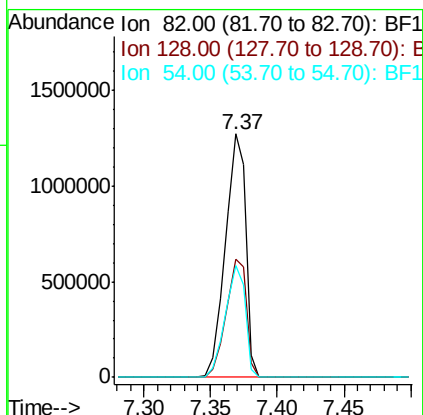
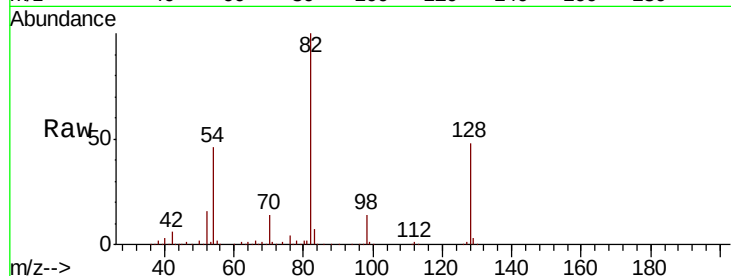




#23
Nitrobenzene-d5
Concen: 86.168 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118809.D
Acq: 4 Feb 2020 18:54

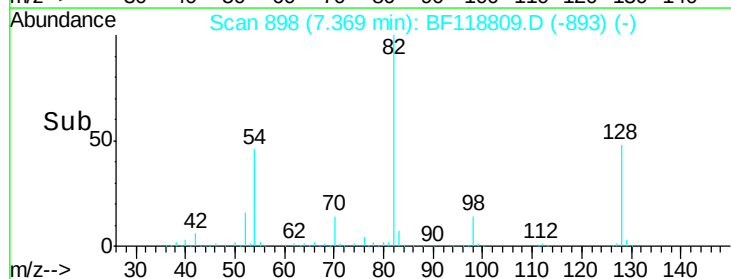
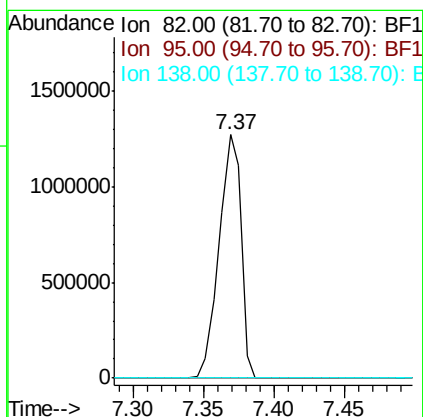
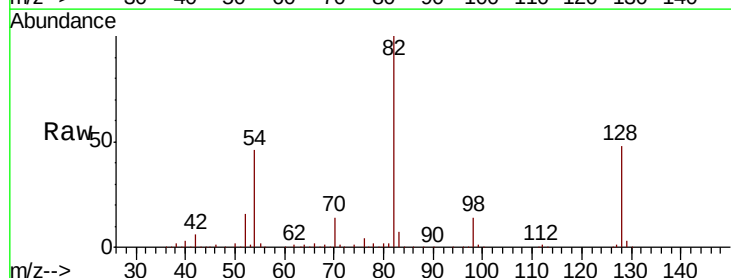
Instrument :
BNA_G
ClientSampleId :

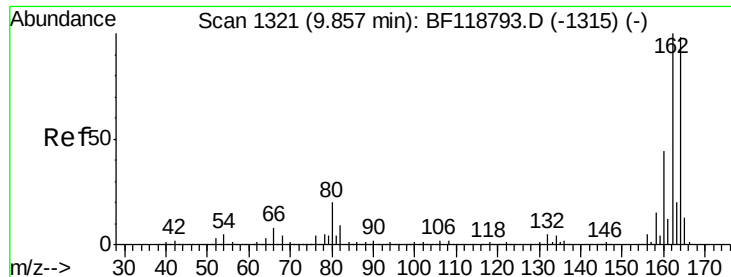
Tot Ion: 82 Resp: 1378985
Ion Ratio Lower Upper
82 100
128 48.5 38.5 57.7
54 46.0 36.7 55.1



#25
Isophorone
Concen: 47.945 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF118809.D
Acq: 4 Feb 2020 18:54

Tgt Ion: 82 Resp: 1378962
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.7 23.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF118809.D

Acq: 4 Feb 2020 18:54

Instrument :

BNA_G

ClientSampleId :

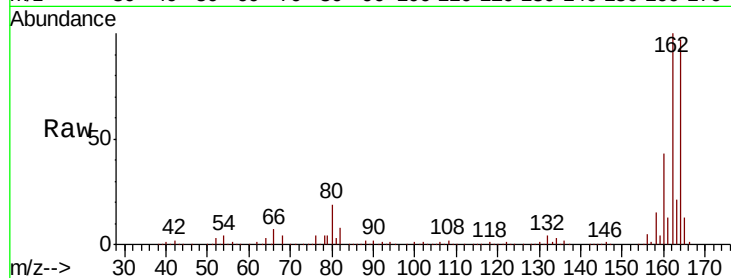
Tot Ion:164 Resp: 542241

Ion Ratio Lower Upper

164 100

162 102.9 81.4 122.2

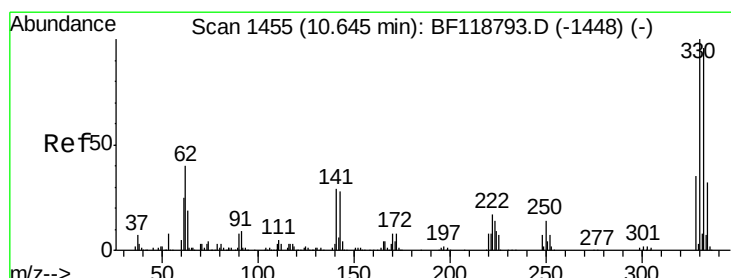
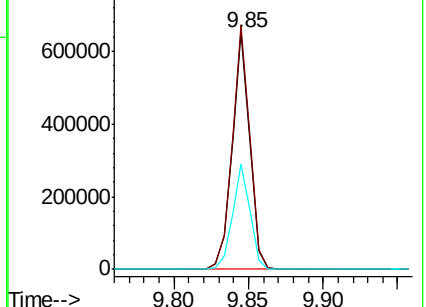
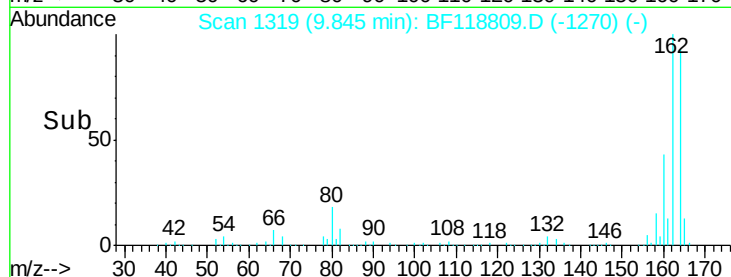
160 44.4 35.6 53.4



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: 94.492 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF118809.D

Acq: 4 Feb 2020 18:54

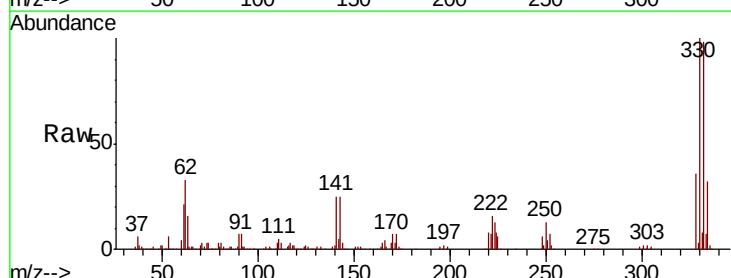
Tgt Ion:330 Resp: 613072

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

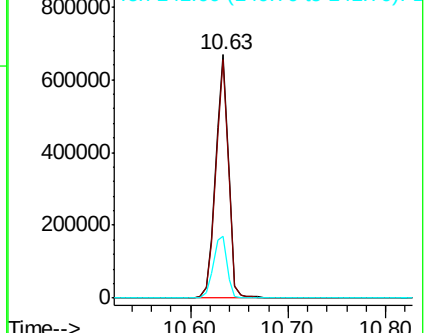
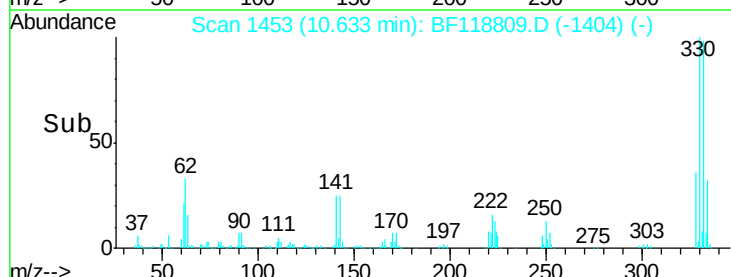
141 27.6 22.4 33.6

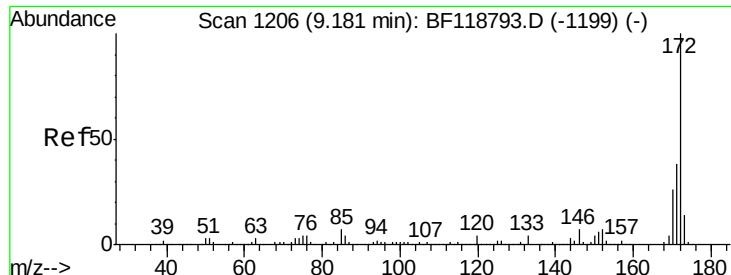


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

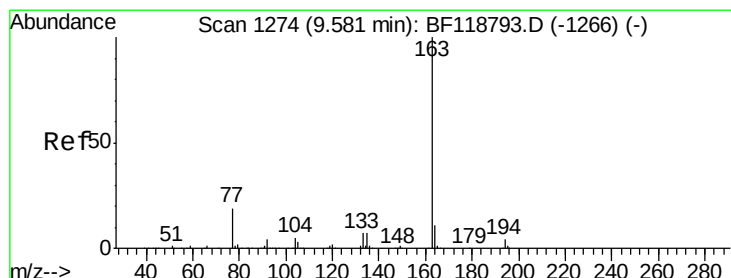
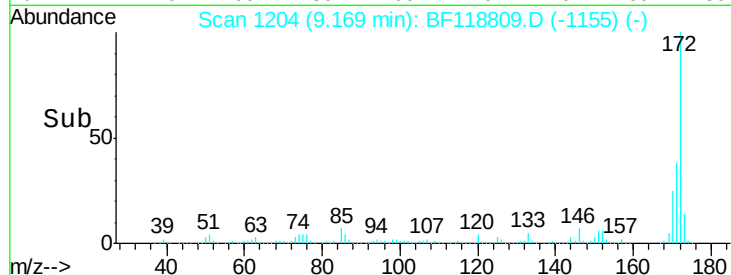
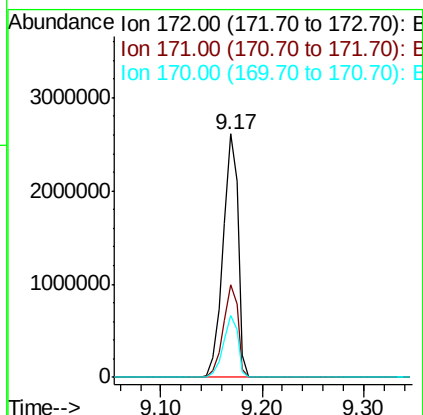
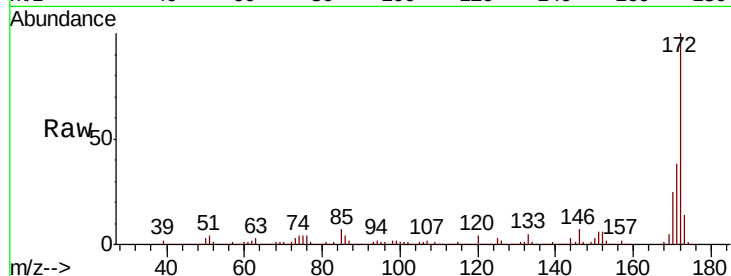




#45
2-Fluorobiphenyl
Concen: 88.539 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118809.D
Acq: 4 Feb 2020 18:54

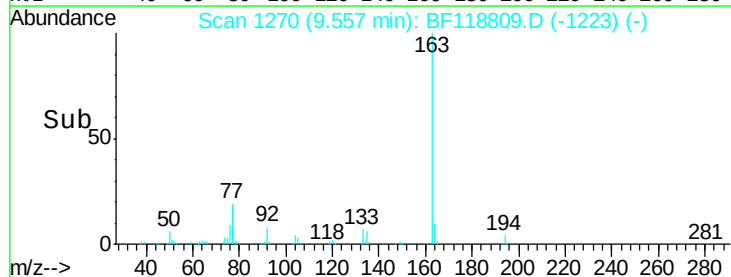
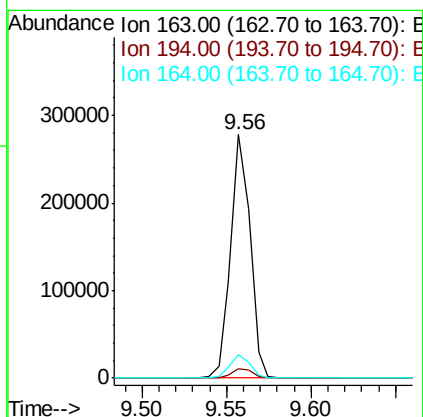
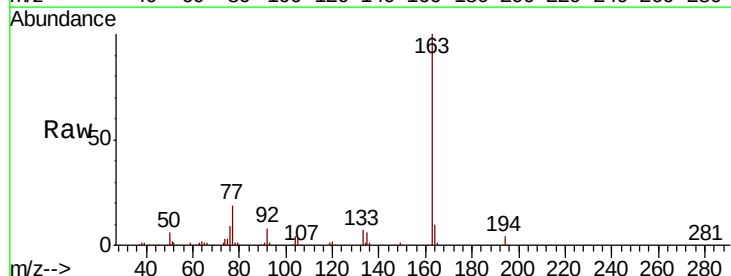
Instrument :
BNA_G
ClientSampleId :

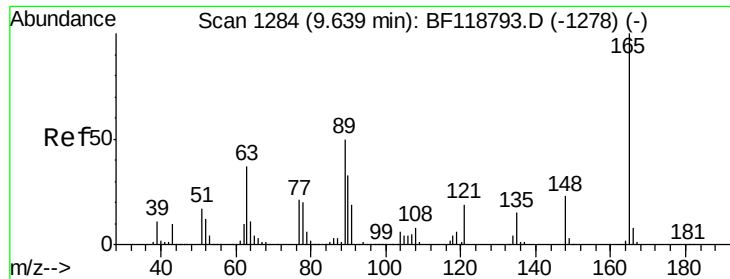
Tot Ion:172 Resp: 2685545
Ion Ratio Lower Upper
172 100
171 38.0 30.8 46.2
170 25.3 20.5 30.7



#50
Dimethylphthalate
Concen: 6.023 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF118809.D
Acq: 4 Feb 2020 18:54

Tgt Ion:163 Resp: 222396
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 9.8 8.7 13.1

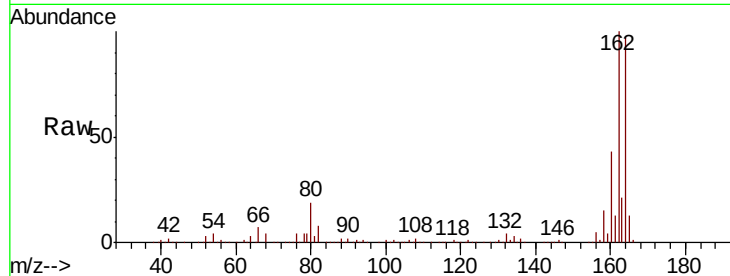




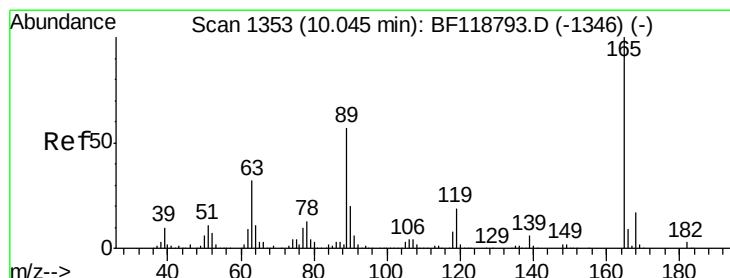
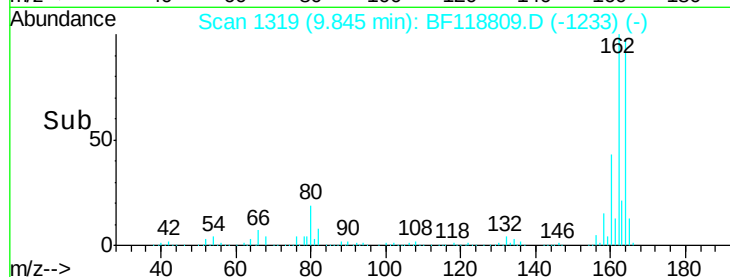
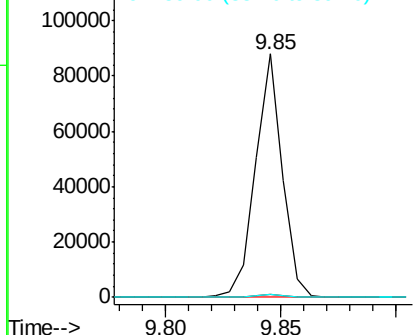
#51
 2,6-Dinitrotoluene
 Concen: 8.466 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF118809.D
 Acq: 4 Feb 2020 18:54

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	37.4	56.0#
89	1.2	39.7	59.5#



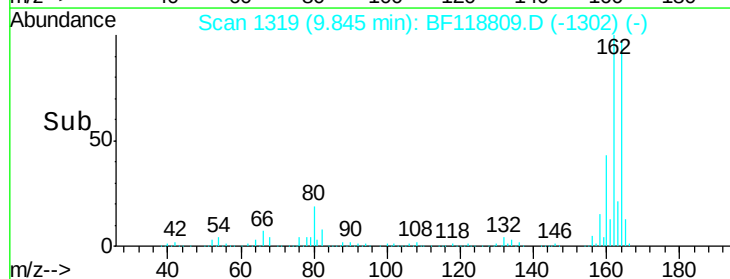
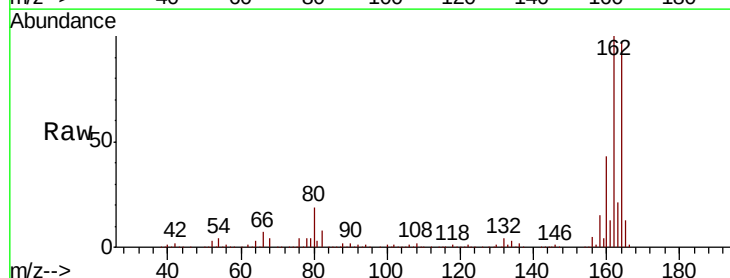
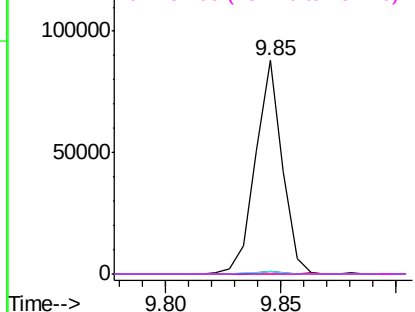
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

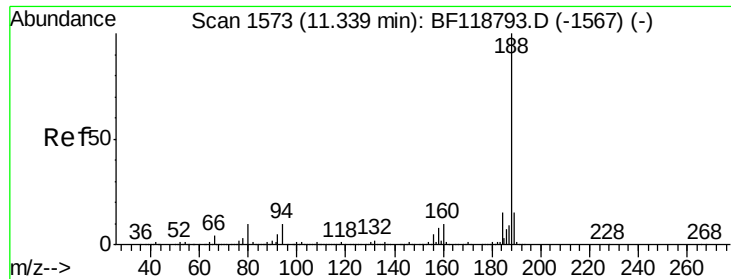


#57
 2,4-Dinitrotoluene
 Concen: 6.397 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF118809.D
 Acq: 4 Feb 2020 18:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.5	38.3#
89	1.2	45.4	68.0#
182	0.0	2.4	3.6#

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

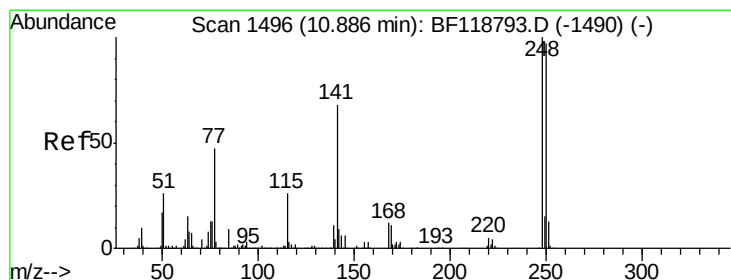
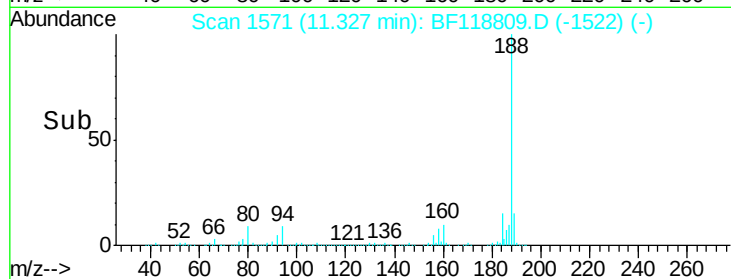
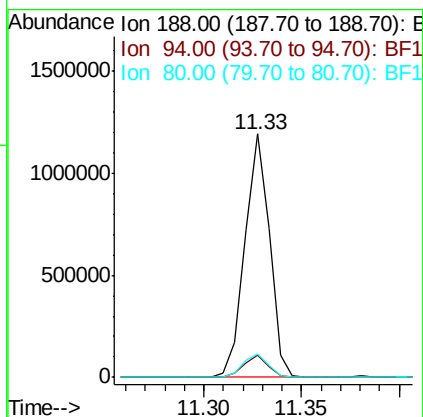
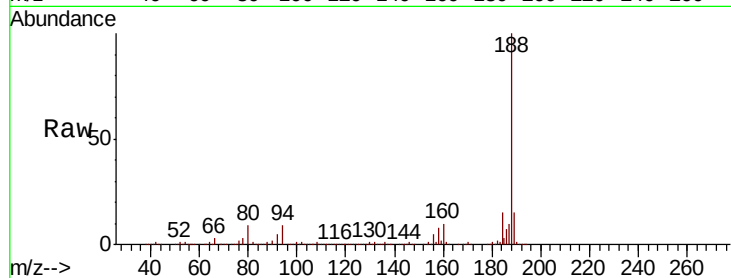




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118809.D
Acq: 4 Feb 2020 18:54

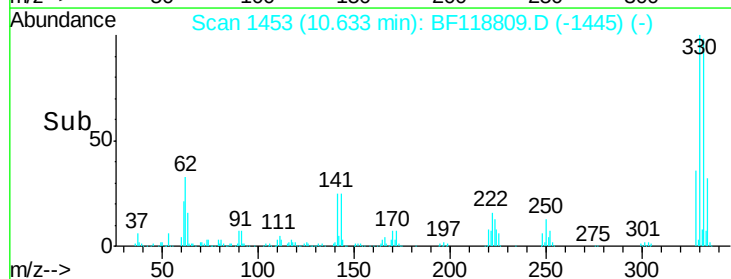
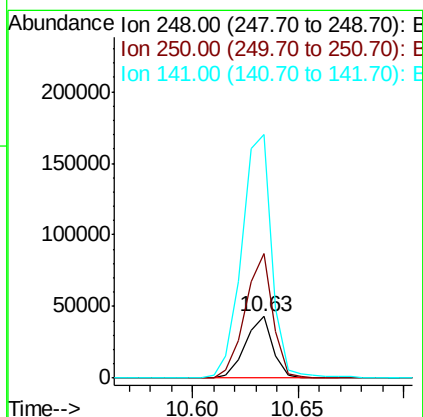
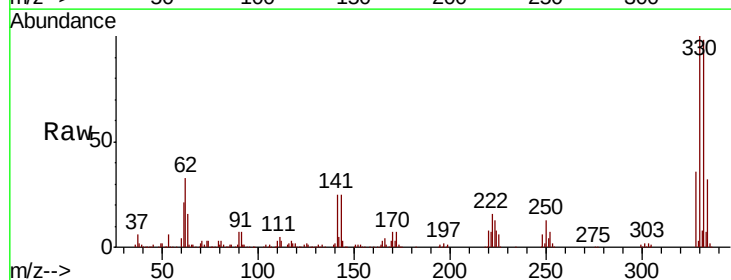
Instrument :
BNA_G
ClientSampleId :

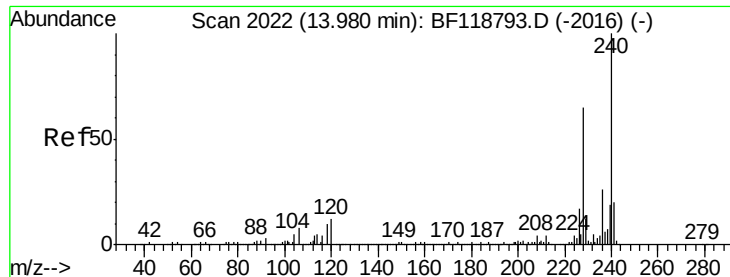
Tot Ion:188 Resp: 1046976
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 9.5 8.4 12.6



#67
4-Bromophenyl-phenylether
Concen: 3.156 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF118809.D
Acq: 4 Feb 2020 18:54

Tgt Ion:248 Resp: 39083
Ion Ratio Lower Upper
248 100
250 202.9 77.6 116.4#
141 394.9 54.4 81.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF118809.D

Acq: 4 Feb 2020 18:54

Instrument :

BNA_G

ClientSampleId :

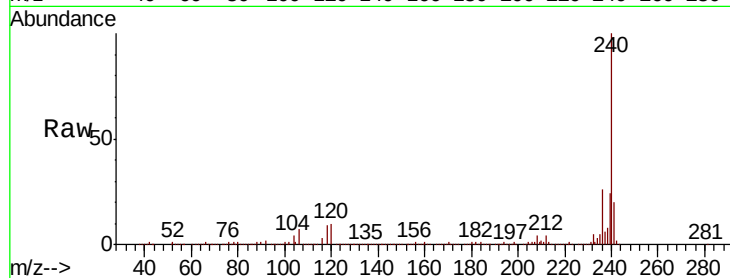
Tot Ion:240 Resp: 820638

Ion Ratio Lower Upper

240 100

120 10.1 9.4 14.0

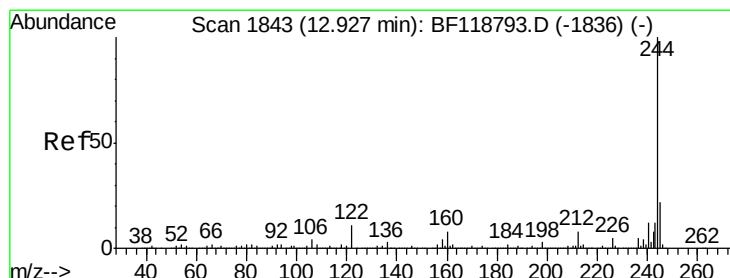
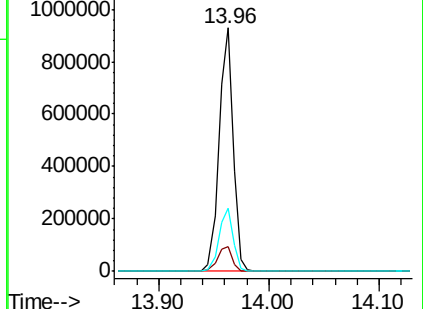
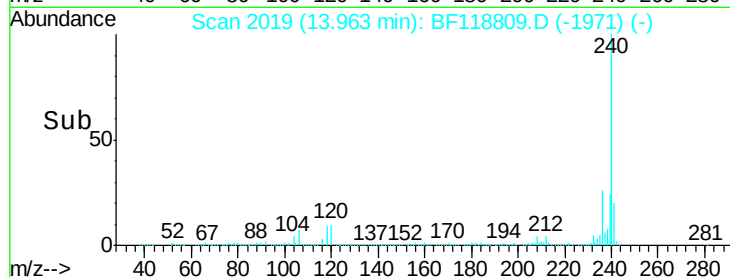
236 26.1 21.0 31.6



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: 91.649 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF118809.D

Acq: 4 Feb 2020 18:54

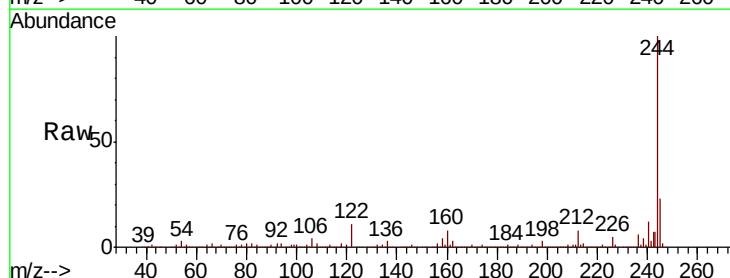
Tgt Ion:244 Resp: 3661610

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

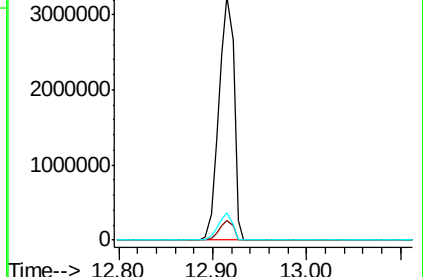
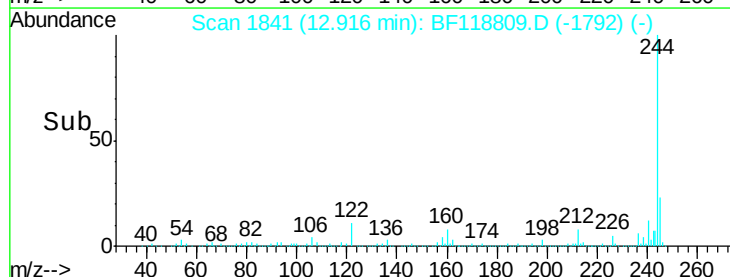
122 11.3 8.9 13.3

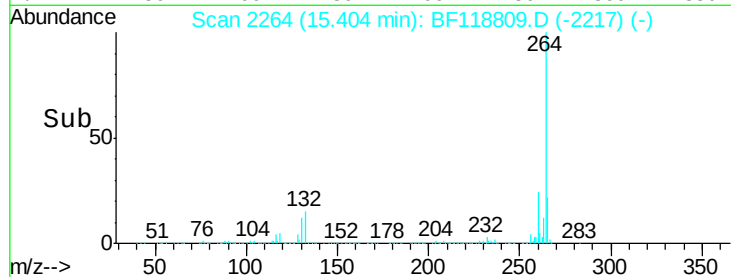
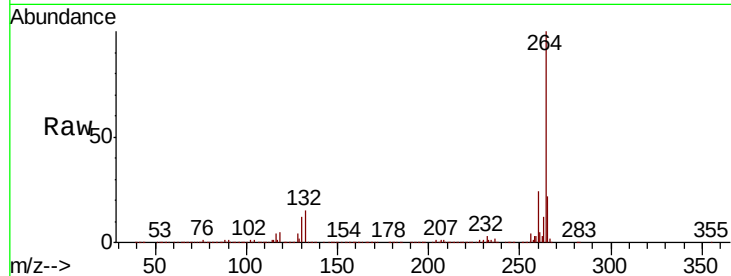
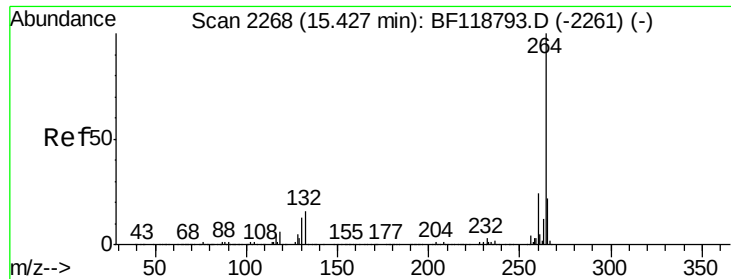


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF118809.D
Acq: 4 Feb 2020 18:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.8	17.2	25.8

