

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
 Data File : BF118846.D
 Acq On : 7 Feb 2020 13:13
 Operator : CG/JU
 Sample : L1421-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 03:34:57 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

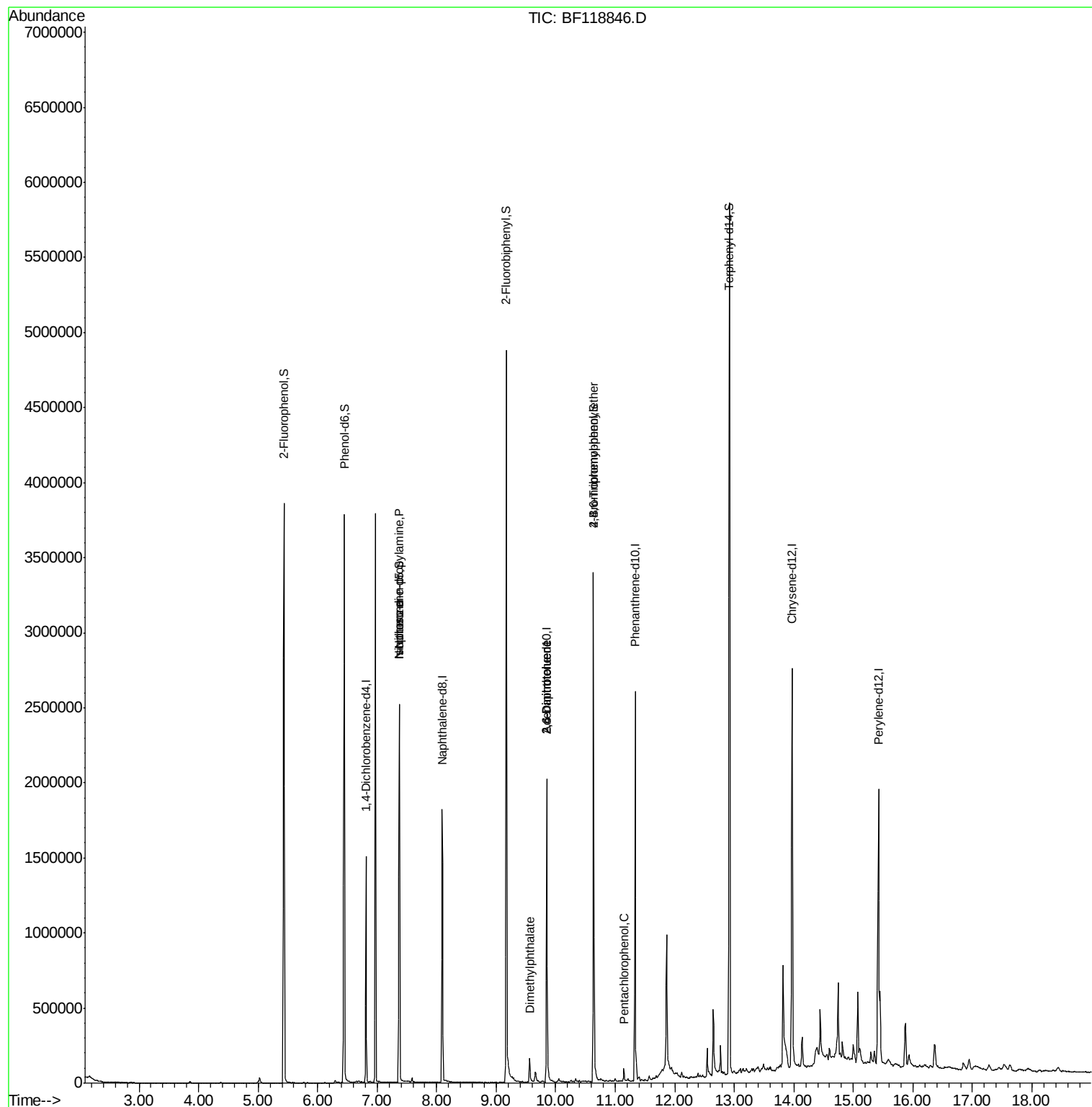
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	227040	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	834850	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	492114	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	969229	20.00	ng	0.00
76) Chrysene-d12	13.97	240	906340	20.00	ng	-0.01
87) Perylene-d12	15.42	264	985345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1106353	92.24	ng	0.00
7) Phenol-d6	6.45	99	1346546	90.44	ng	0.00
23) Nitrobenzene-d5	7.37	82	870927	62.18	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	532409	90.42	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1769809	64.29	ng	-0.01
79) Terphenyl-d14	12.92	244	2339810	53.03	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	2090	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.37	70	117672	12.917	ng	# 77
25) Isophorone	7.37	82	871034	34.603	ng	# 63
50) Dimethylphthalate	9.56	163	78285	2.336	ng	# 98
51) 2,6-Dinitrotoluene	9.85	165	62404	8.139	ng	# 30
57) 2,4-Dinitrotoluene	9.85	165	62789	6.188	ng	# 34
67) 4-Bromophenyl-phenylether	10.63	248	34500	3.009	ng	# 1
70) Pentachlorophenol	11.15	266	14998	2.160	ng	# 98

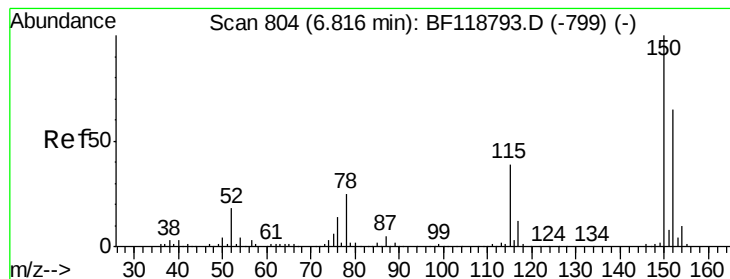
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
Data File : BF118846.D
Acq On : 7 Feb 2020 13:13
Operator : CG/JU
Sample : L1421-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 08 03:34:57 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



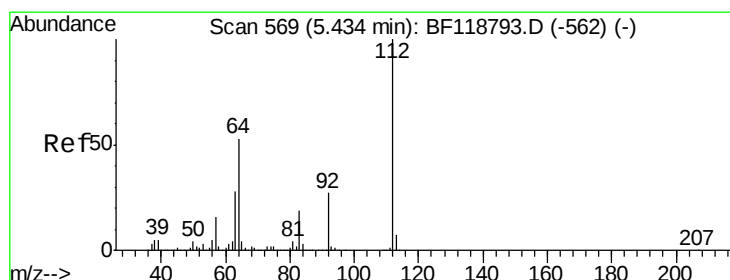
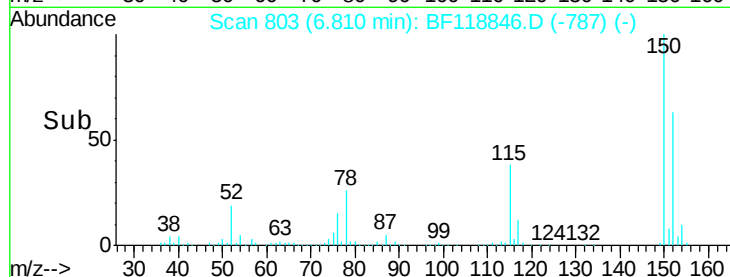
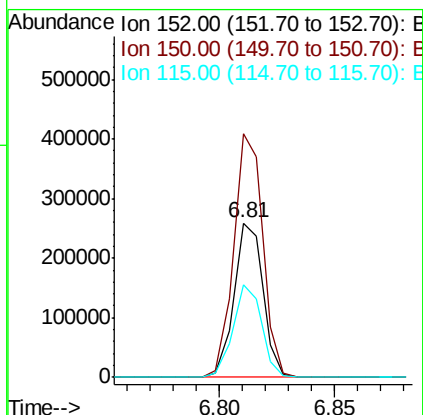
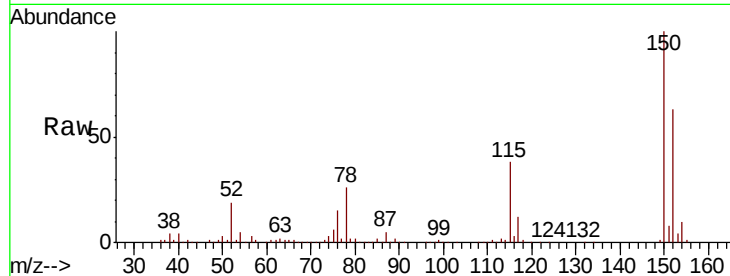


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118846.D
Acq: 7 Feb 2020 13:13

Instrument :
BNA_F
ClientSampled :

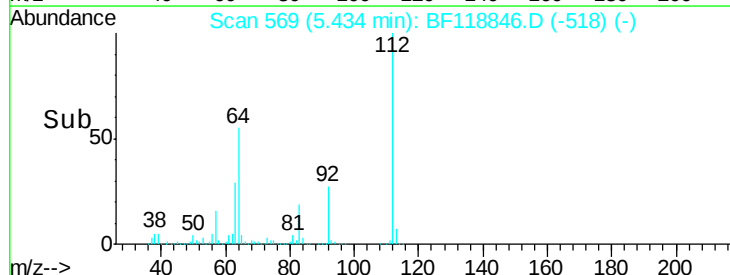
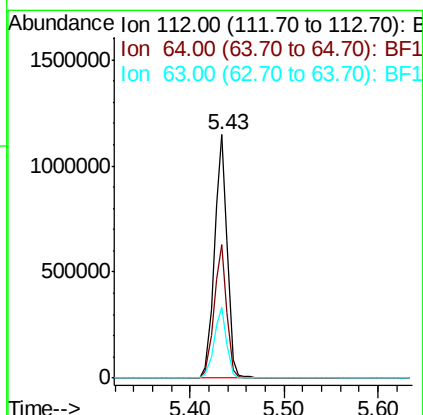
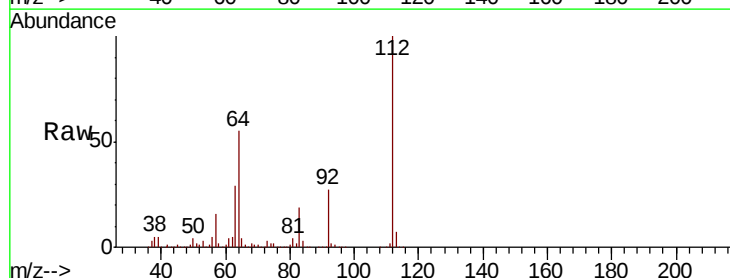
Tot Ion:152 Resp: 227040
Ion Ratio Lower Upper
152 100
150 157.5 123.6 185.4
115 60.0 48.2 72.2

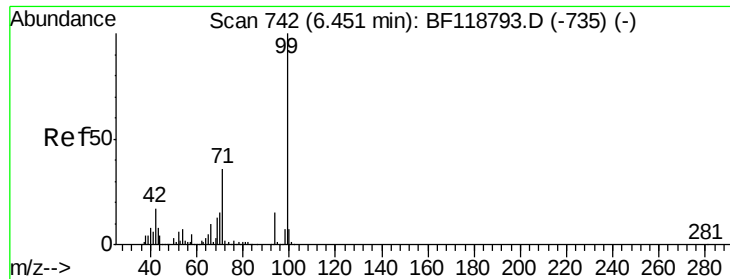


#5

2-Fluorophenol
Concen: 92.241 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF118846.D
Acq: 7 Feb 2020 13:13

Tgt Ion:112 Resp: 1106353
Ion Ratio Lower Upper
112 100
64 54.6 42.6 63.8
63 29.1 22.2 33.4





#7

Phenol-d6

Concen: 90.439 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118846.D

Acq: 7 Feb 2020 13:13

Instrument :

BNA_F

ClientSampled :

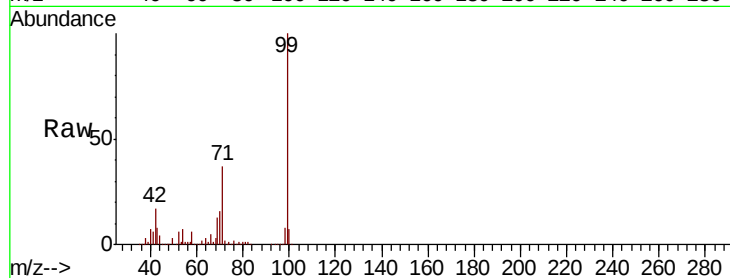
Tot Ion: 99 Resp: 1346546

Ion Ratio Lower Upper

99 100

42 17.1 13.4 20.0

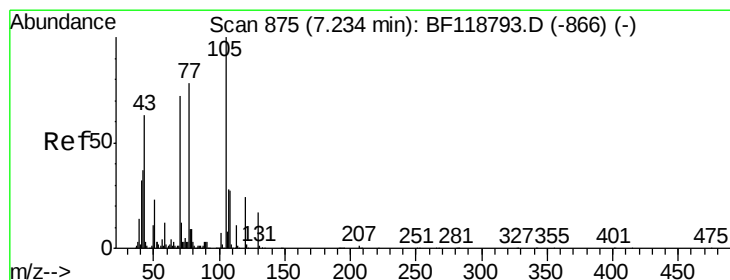
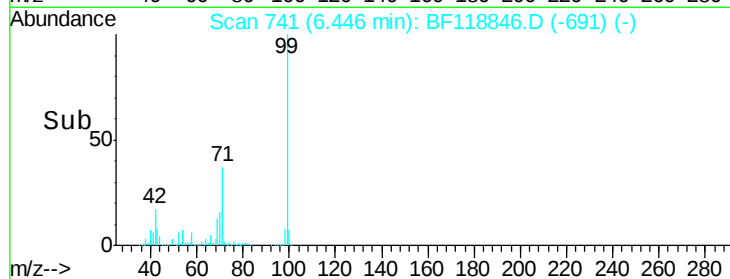
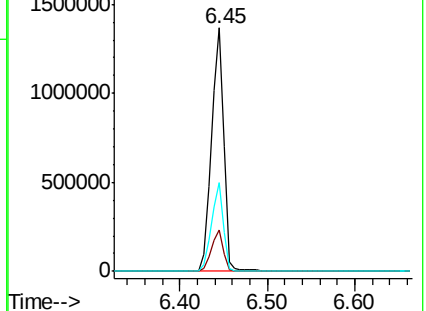
71 36.6 29.0 43.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.917 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF118846.D

Acq: 7 Feb 2020 13:13

Tgt Ion: 70 Resp: 117672

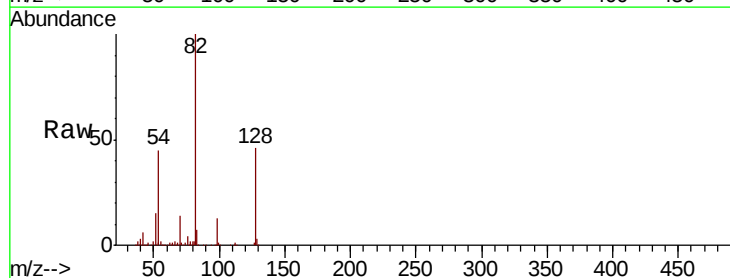
Ion Ratio Lower Upper

70 100

42 43.8 41.5 62.3

101 0.0 8.3 12.5#

130 2.3 19.2 28.8#

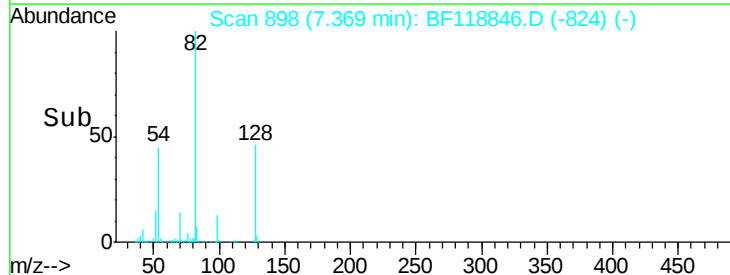
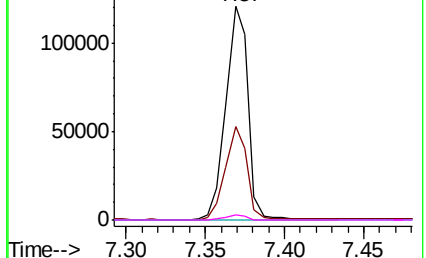


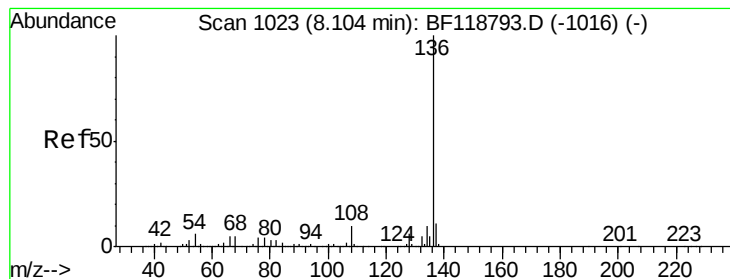
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118846.D

Acq: 7 Feb 2020 13:13

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 834850

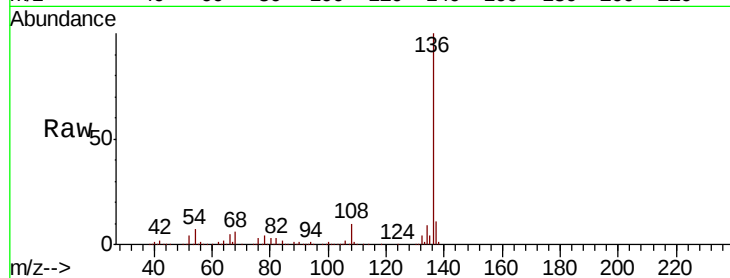
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 6.9 5.0 7.6

68 5.9 4.2 6.4

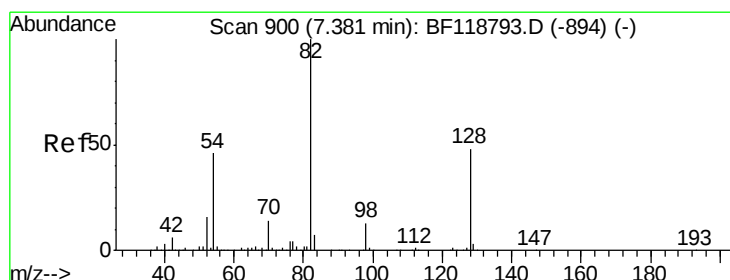
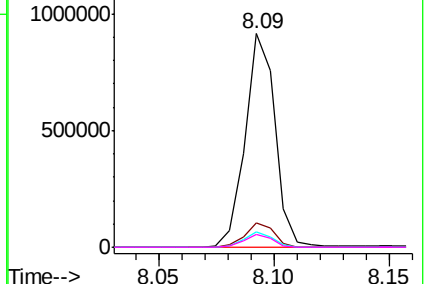
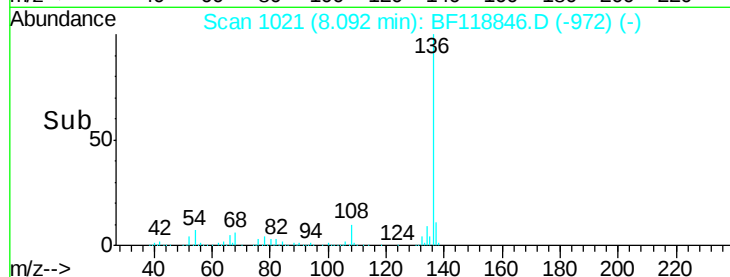


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.181 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF118846.D

Acq: 7 Feb 2020 13:13

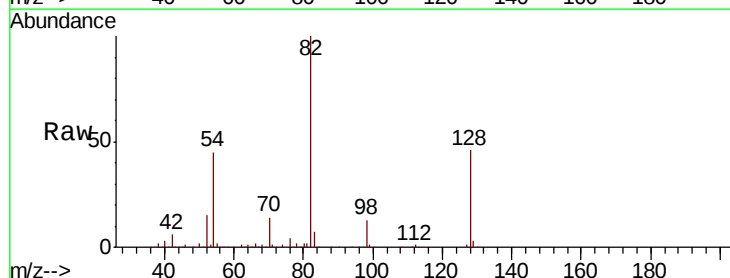
Tgt Ion: 82 Resp: 870927

Ion Ratio Lower Upper

82 100

128 46.0 38.5 57.7

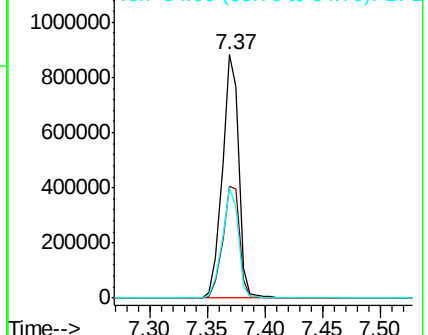
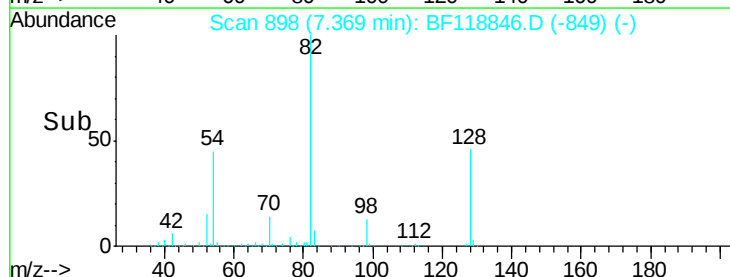
54 45.4 36.7 55.1

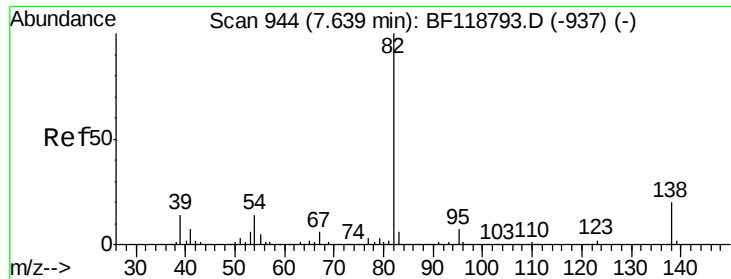


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

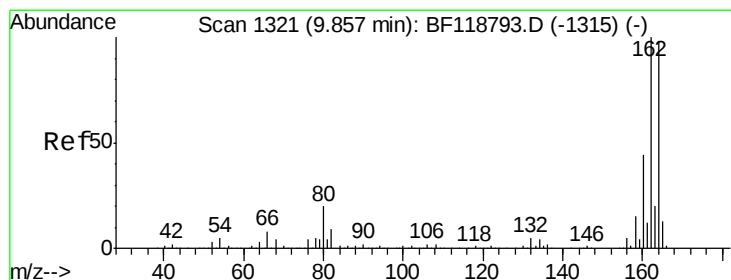
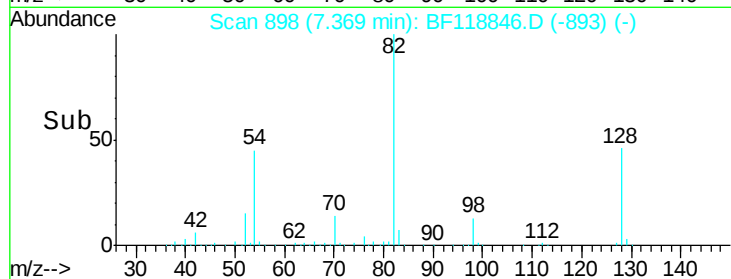
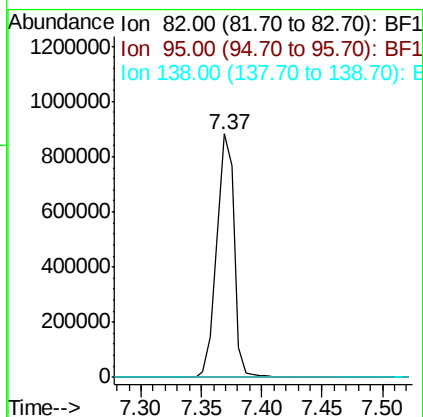
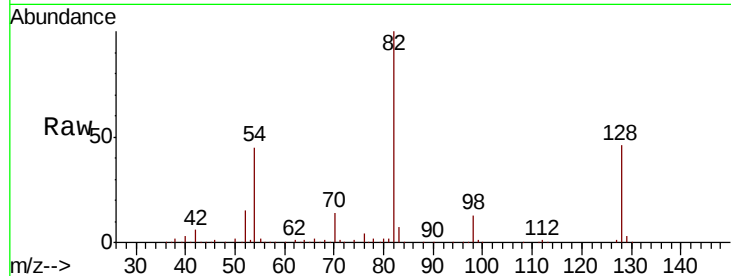




#25
Isophorone
Concen: 34.603 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF118846.D
Acq: 7 Feb 2020 13:13

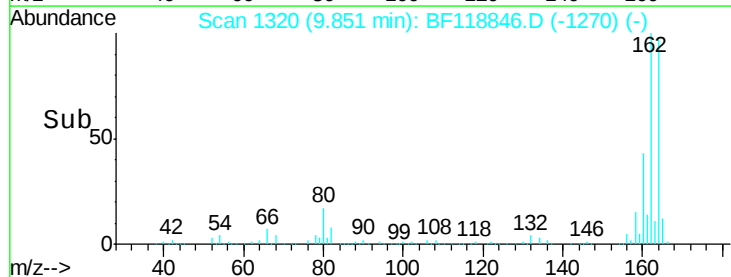
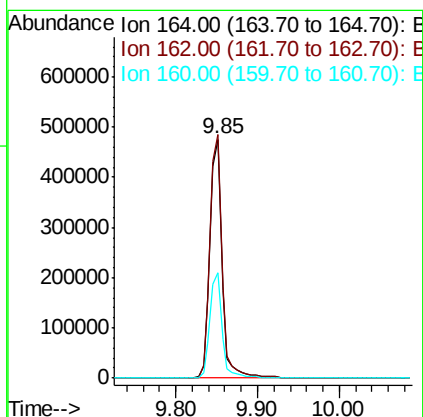
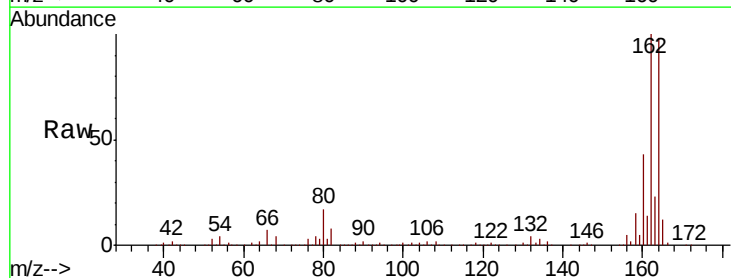
Instrument :
BNA_F
ClientSampled :

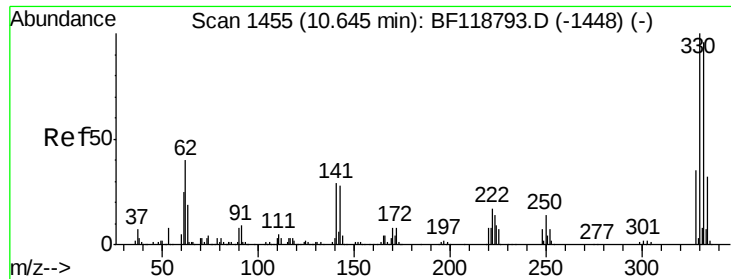
Tot Ion: 82 Resp: 871034
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.7 23.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF118846.D
Acq: 7 Feb 2020 13:13

Tgt Ion: 164 Resp: 492114
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.2
160 44.1 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 90.418 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118846.D

Acq: 7 Feb 2020 13:13

Instrument :

BNA_F

ClientSampleId :

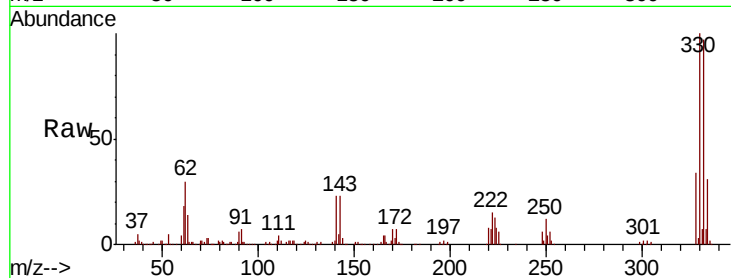
Tot Ion:330 Resp: 532409

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

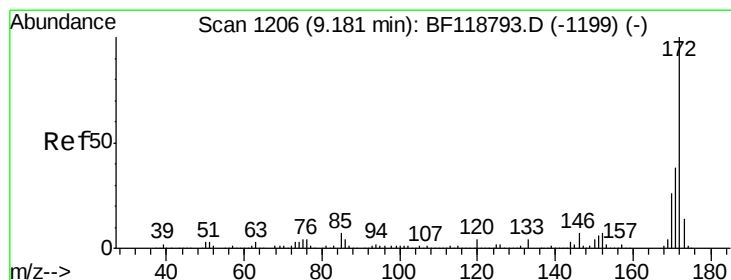
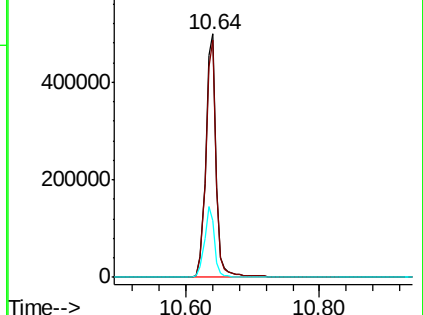
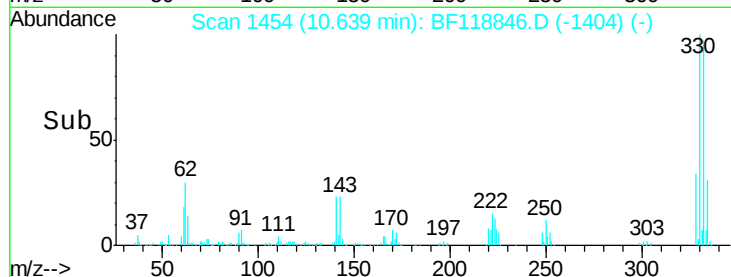
141 28.2 22.4 33.6



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: 64.292 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF118846.D

Acq: 7 Feb 2020 13:13

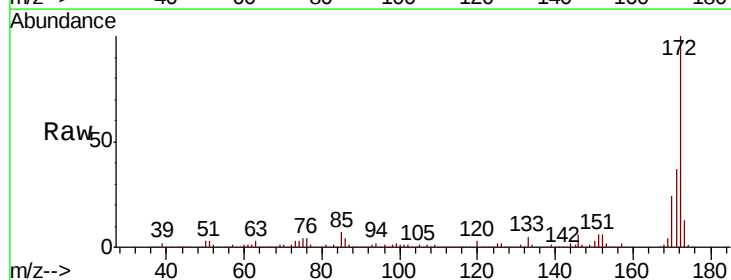
Tgt Ion:172 Resp: 1769809

Ion Ratio Lower Upper

172 100

171 36.6 30.8 46.2

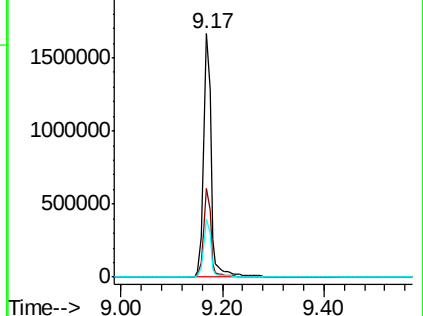
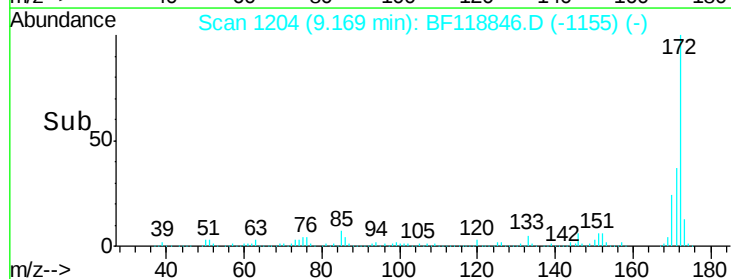
170 23.8 20.5 30.7

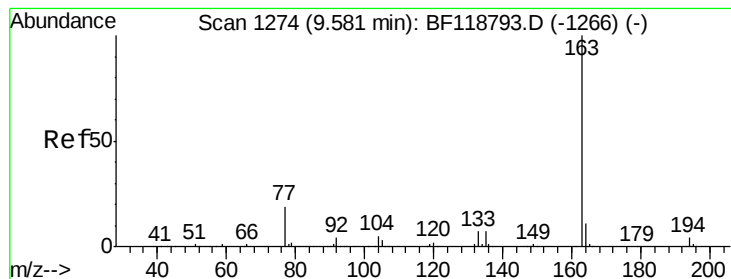


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.336 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF118846.D

Acq: 7 Feb 2020 13:13

Instrument :

BNA_F

ClientSampled :

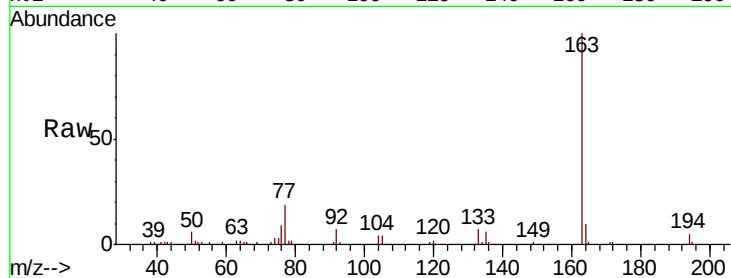
Tot Ion:163 Resp: 78285

Ion Ratio Lower Upper

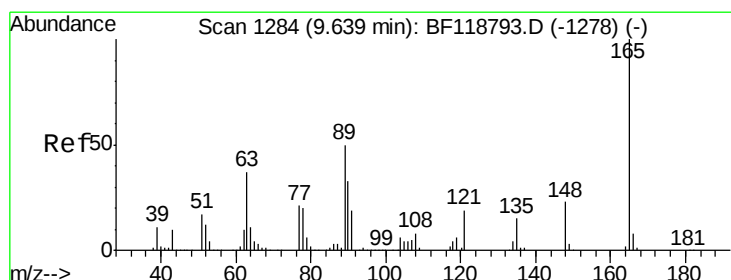
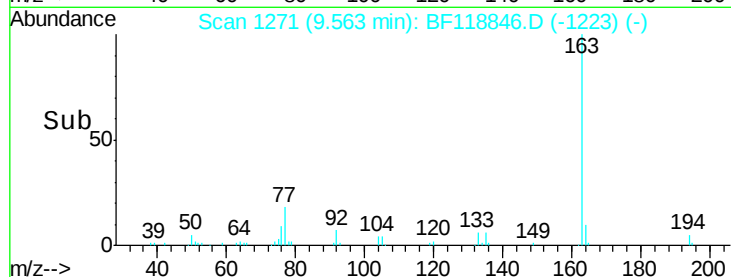
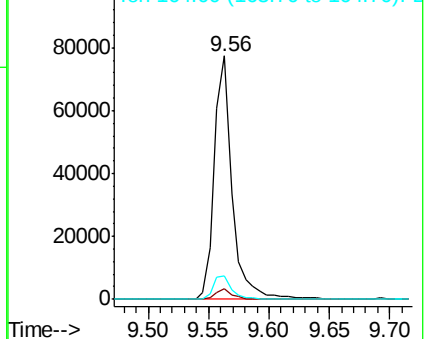
163 100

194 4.6 3.6 5.4

164 9.7 8.7 13.1



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: 8.139 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.21 min

Lab File: BF118846.D

Acq: 7 Feb 2020 13:13

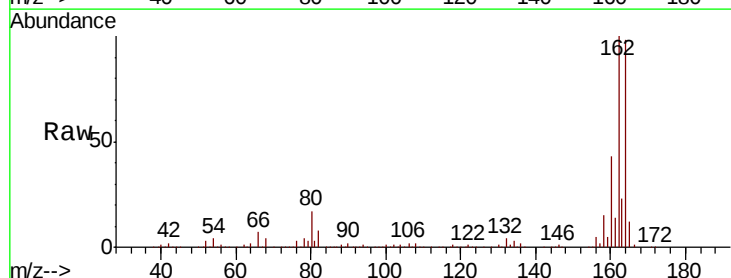
Tgt Ion:165 Resp: 62404

Ion Ratio Lower Upper

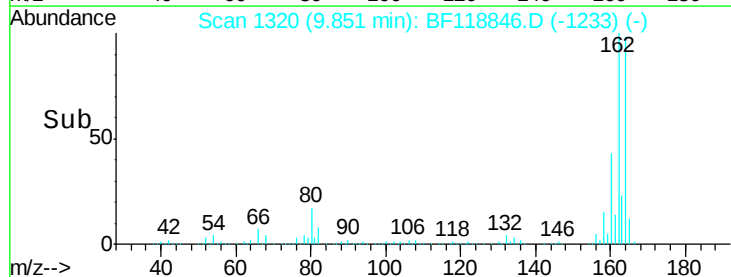
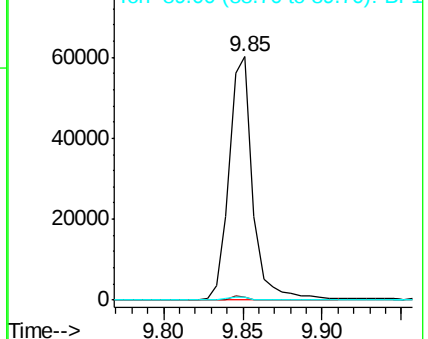
165 100

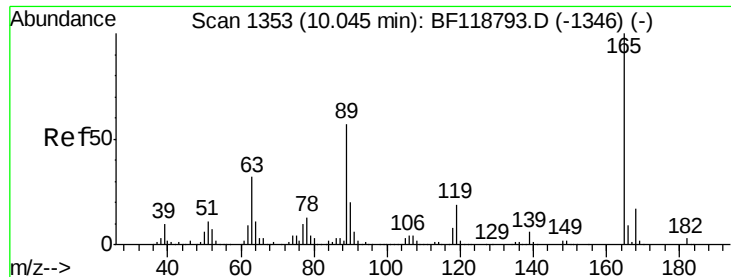
63 1.1 37.4 56.0#

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

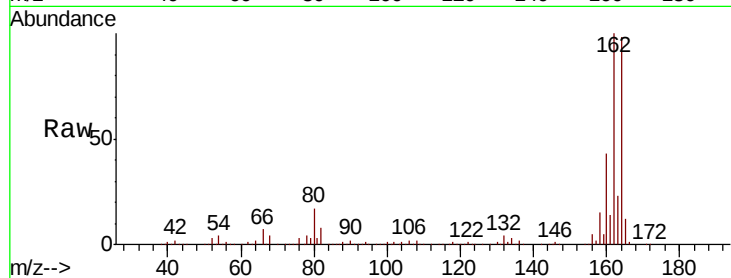




#57
 2,4-Dinitrotoluene
 Concen: 6.188 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF118846.D
 Acq: 7 Feb 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.5	38.3#
89	1.2	45.4	68.0#
182	0.0	2.4	3.6#



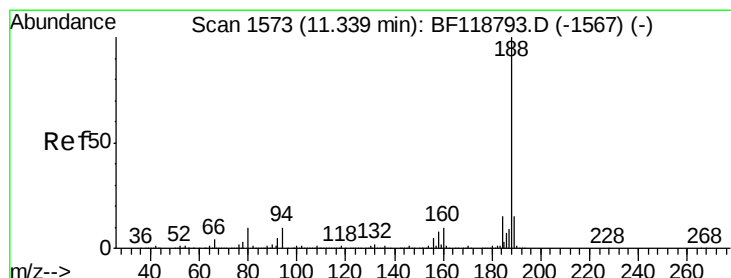
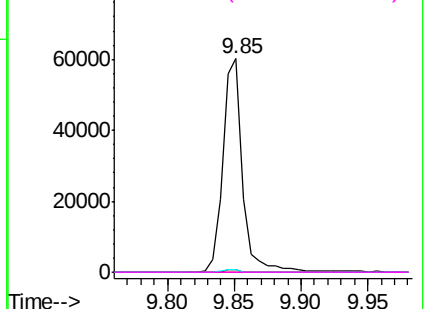
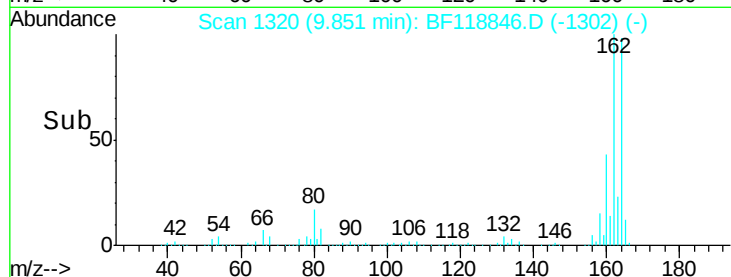
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

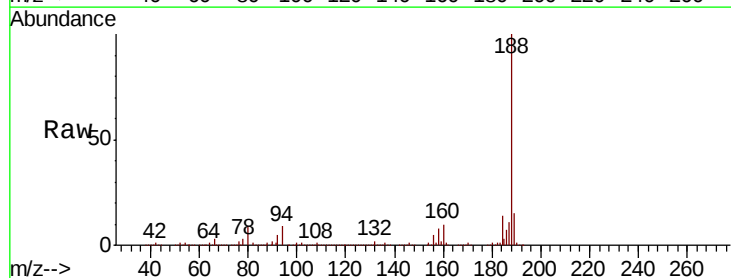
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF118846.D
 Acq: 7 Feb 2020 13:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.9	11.9
80	9.4	8.4	12.6

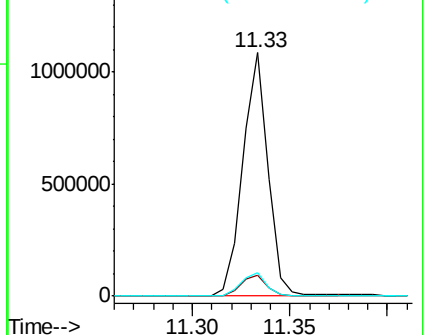
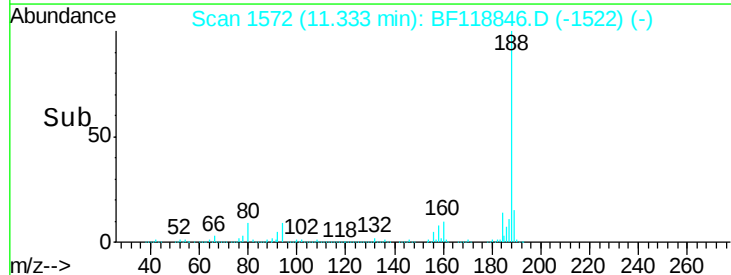


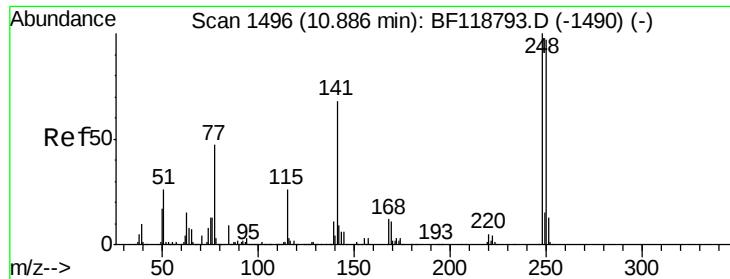
Abundance

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

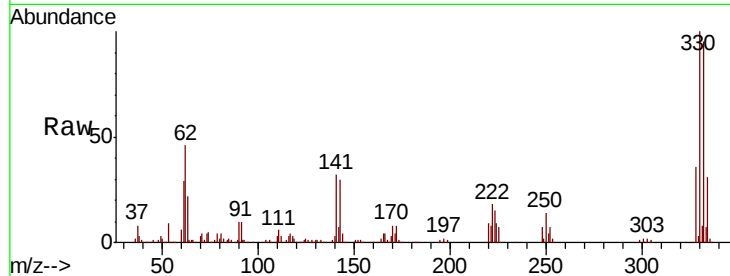




#67
 4-Bromophenyl-phenylether
 Concen: 3.009 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.25 min
 Lab File: BF118846.D
 Acq: 7 Feb 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	199.6	77.6	116.4#
141	452.4	54.4	81.6#

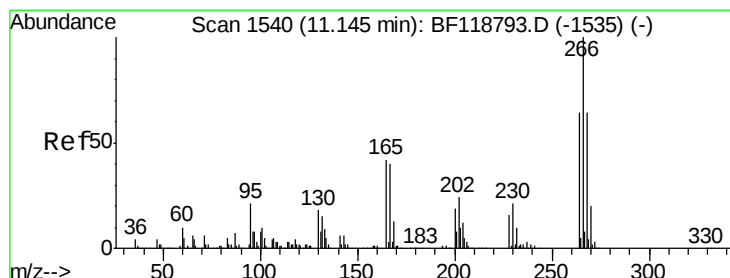
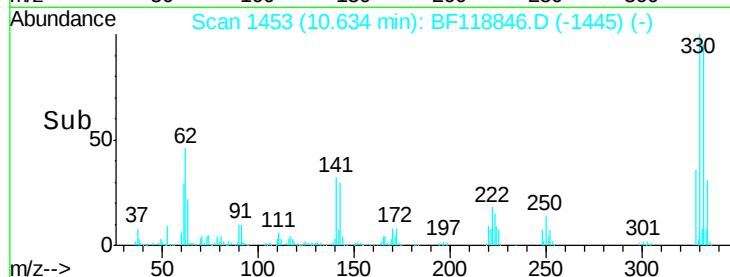
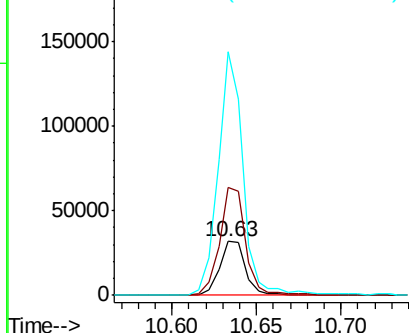


Abundance

Ion 248.00 (247.70 to 248.70): E

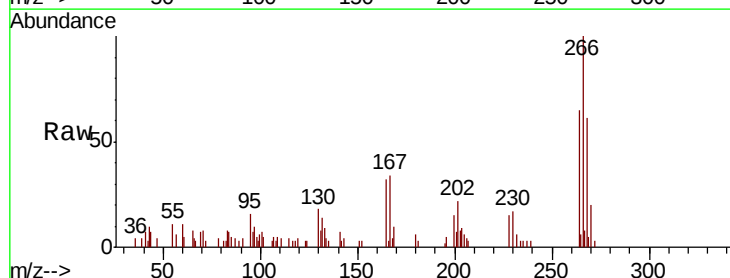
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#70
 Pentachlorophenol
 Concen: 2.160 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF118846.D
 Acq: 7 Feb 2020 13:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.0	51.0	76.6
264	64.7	51.4	77.2

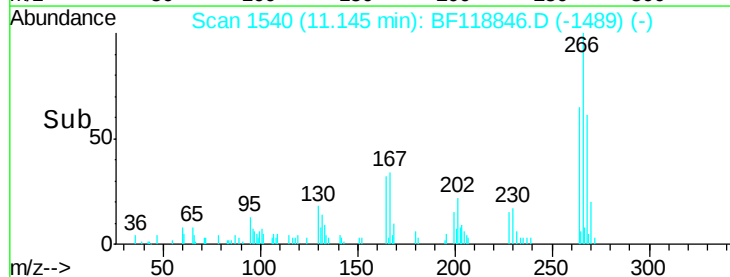
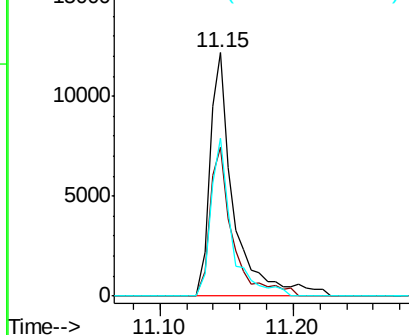


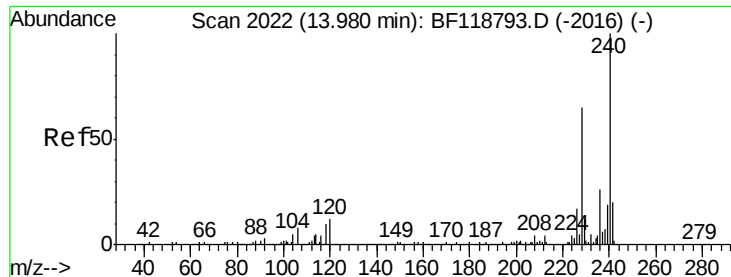
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF118846.D

Acq: 7 Feb 2020 13:13

Instrument :

BNA_F

ClientSampleId :

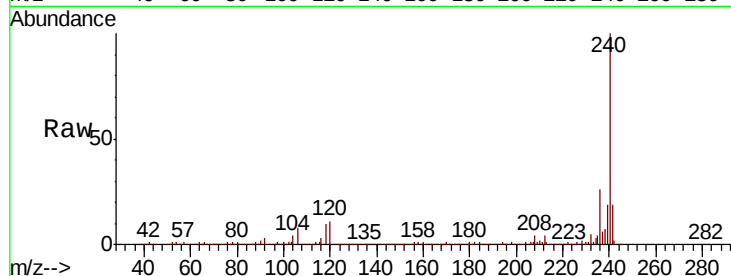
Tot Ion:240 Resp: 906340

Ion Ratio Lower Upper

240 100

120 10.7 9.4 14.0

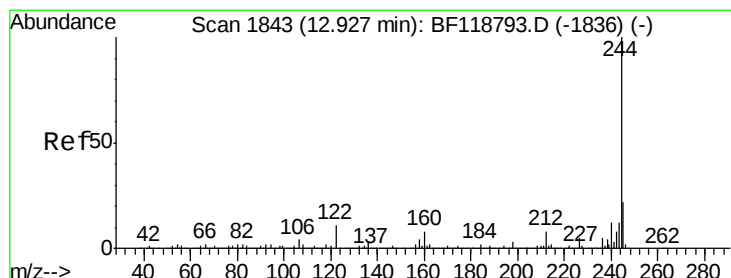
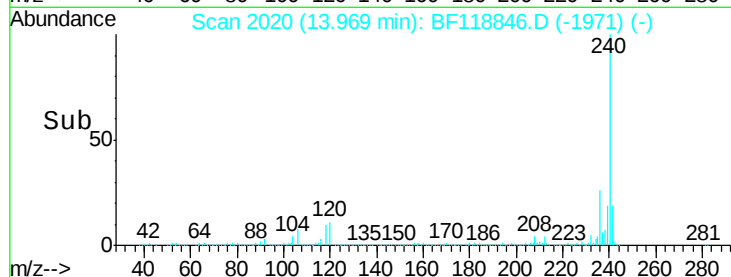
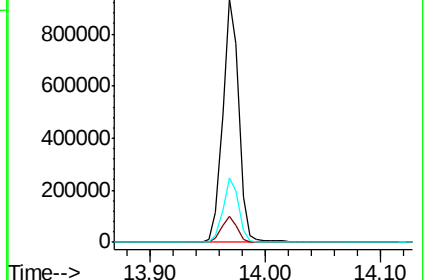
236 26.3 21.0 31.6



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: 53.027 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF118846.D

Acq: 7 Feb 2020 13:13

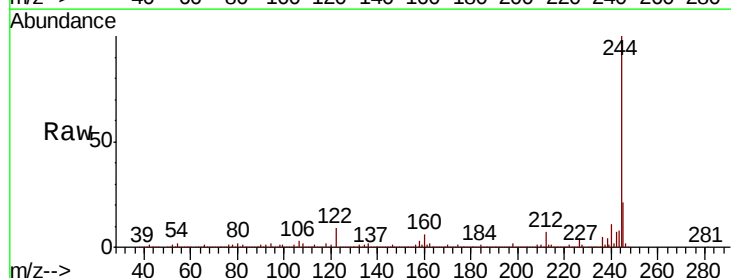
Tgt Ion:244 Resp: 2339810

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

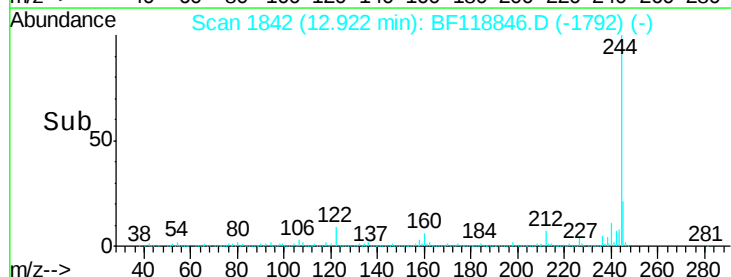
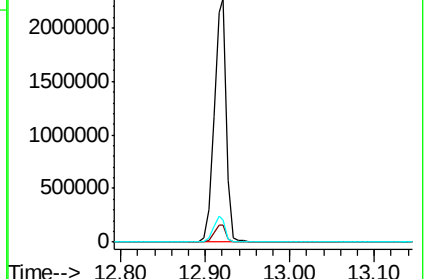
122 9.0 8.9 13.3

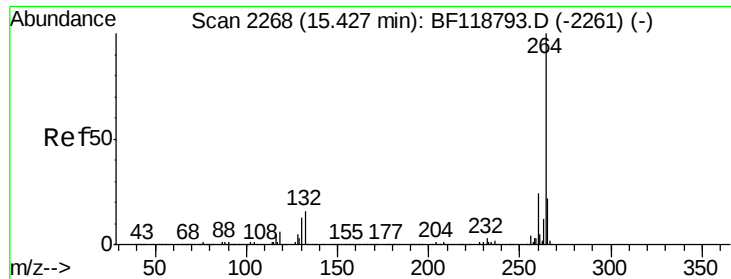


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

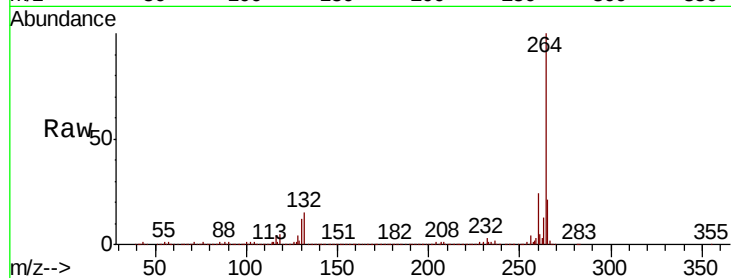




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF118846.D
Acq: 7 Feb 2020 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.1	17.2	25.8



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

