

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
 Data File : BF118789.D
 Acq On : 31 Jan 2020 18:33
 Operator : CG/JU
 Sample : L1325-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 31 22:05:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

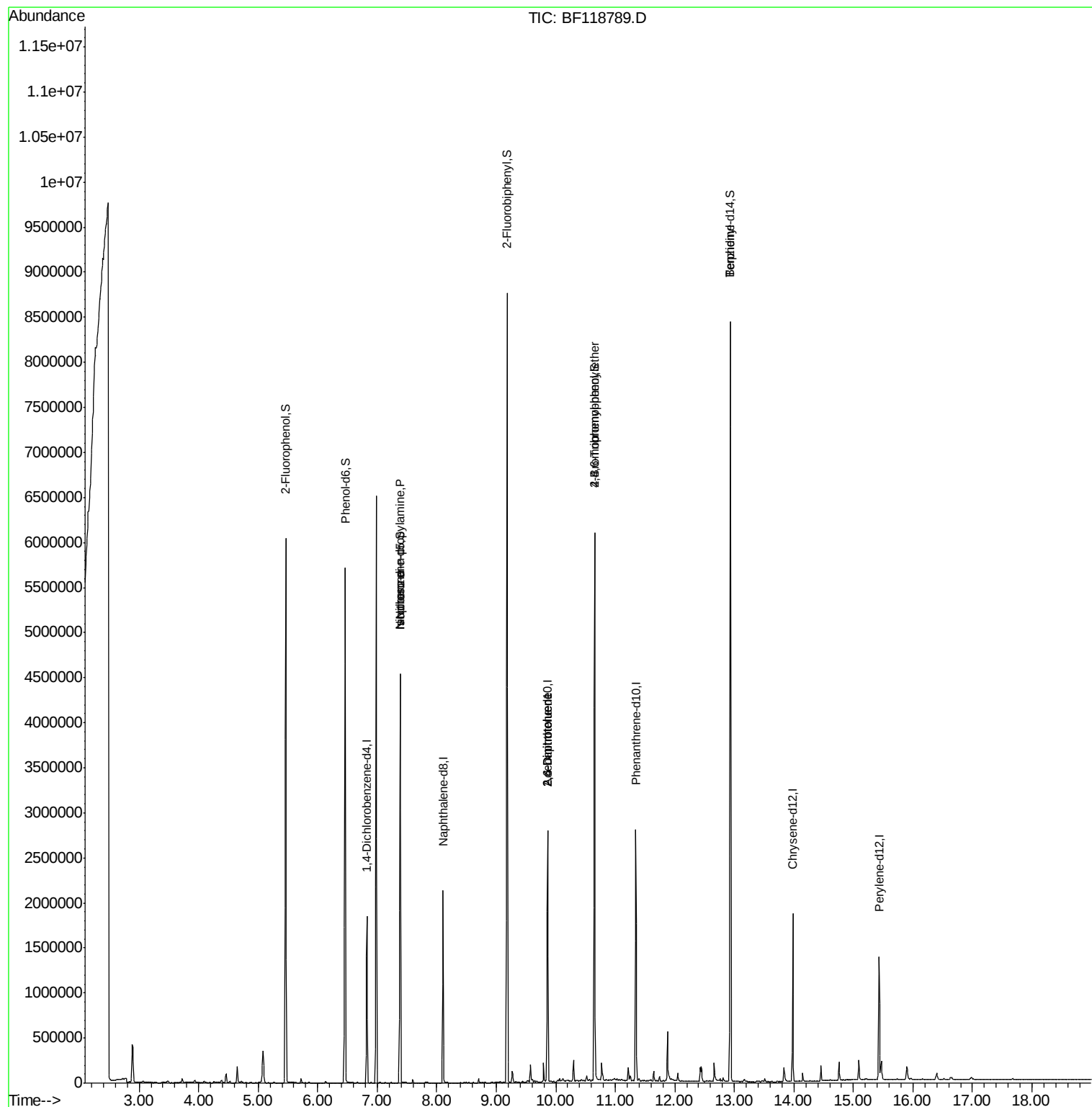
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	272603	20.00	ng	-0.04
21) Naphthalene-d8	8.10	136	1028885	20.00	ng	-0.04
39) Acenaphthene-d10	9.86	164	575221	20.00	ng	-0.04
64) Phenanthrene-d10	11.35	188	995092	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	575852	20.00	ng	-0.04
87) Perylene-d12	15.43	264	629968	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2024041	137.90	ng	-0.01
7) Phenol-d6	6.46	99	2366099	124.03	ng	-0.03
23) Nitrobenzene-d5	7.39	82	1677236	91.18	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	959814	144.26	ng	-0.04
45) 2-Fluorobiphenyl	9.19	172	3225574	92.17	ng	-0.04
79) Terphenyl-d14	12.93	244	3409212	129.13	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	230333	17.881	ng	# 77
25) Isophorone	7.39	82	1672280	49.843	ng	# 63
51) 2,6-Dinitrotoluene	9.86	165	74997	8.937	ng	# 29
57) 2,4-Dinitrotoluene	9.86	165	74997	7.089	ng	# 30
67) 4-Bromophenyl-phenylether	10.65	248	62913	5.117	ng	# 1
77) Benzidine	12.93	184	44466	2.890	ng	# 91

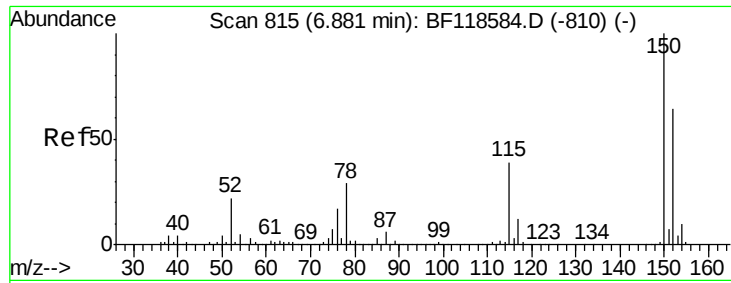
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118789.D
Acq On : 31 Jan 2020 18:33
Operator : CG/JU
Sample : L1325-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 31 22:05:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

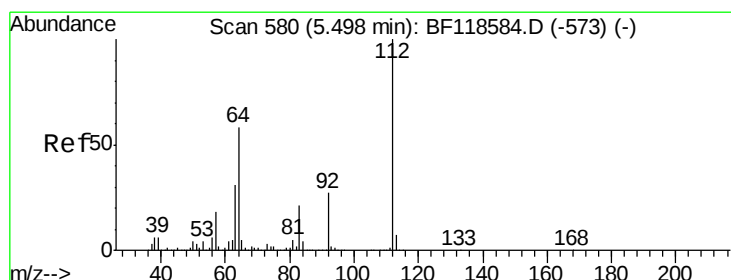
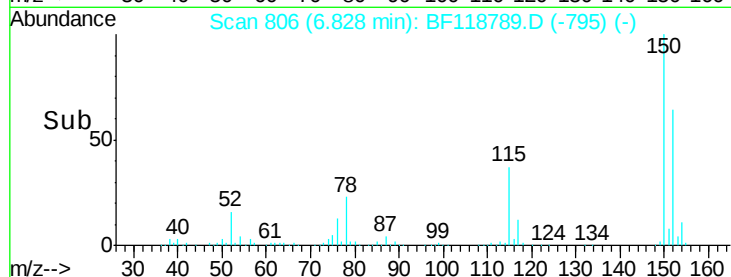
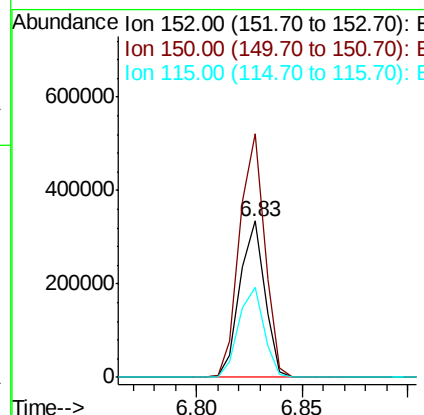
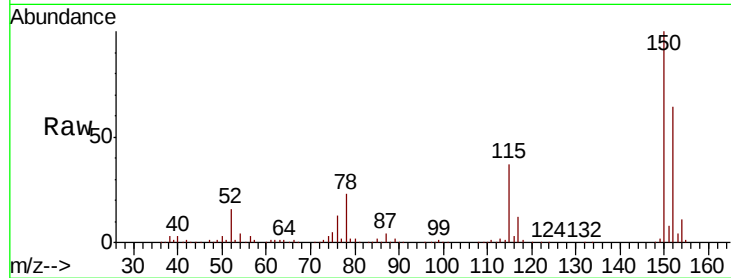




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.04 min
 Lab File: BF118789.D
 Acq: 31 Jan 2020 18:33

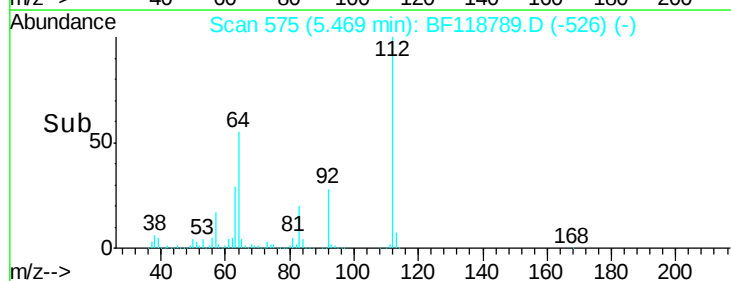
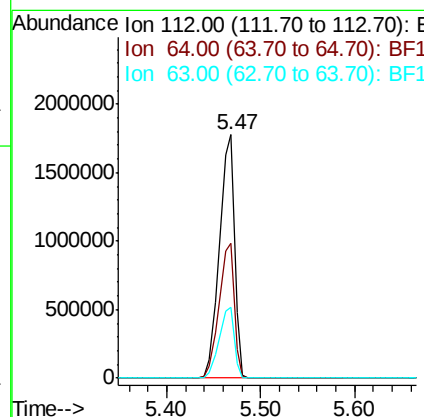
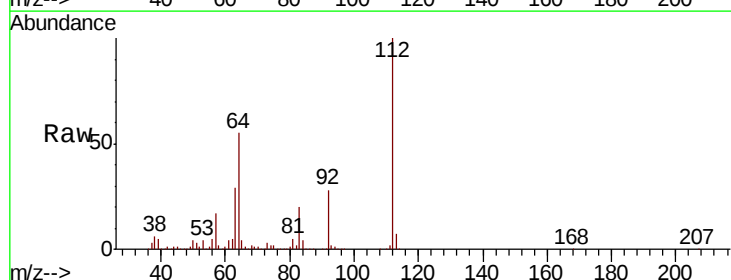
Instrument :
 BNA_F
 ClientSampleId :

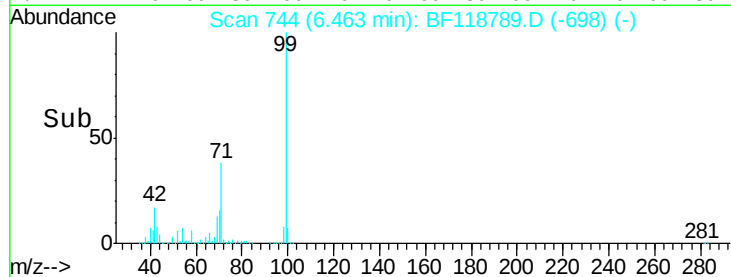
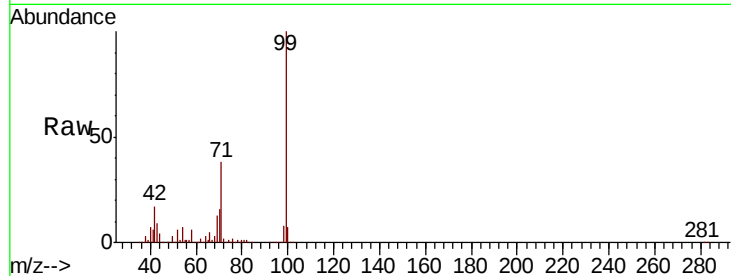
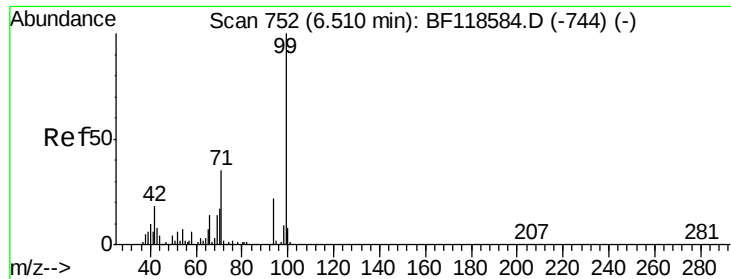
Tot Ion:152 Resp: 272603
 Ion Ratio Lower Upper
 152 100
 150 156.0 123.7 185.5
 115 57.3 45.1 67.7



#5
 2-Fluorophenol
 Concen: 137.899 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF118789.D
 Acq: 31 Jan 2020 18:33

Tgt Ion:112 Resp: 2024041
 Ion Ratio Lower Upper
 112 100
 64 55.4 42.4 63.6
 63 29.0 21.7 32.5





#7

Phenol-d6

Concen: 124.027 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF118789.D

Acq: 31 Jan 2020 18:33

Instrument :

BNA_F

ClientSampleId :

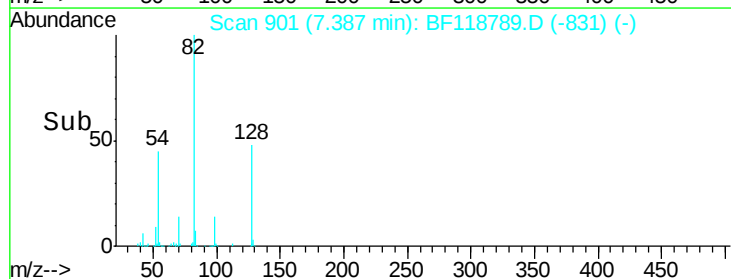
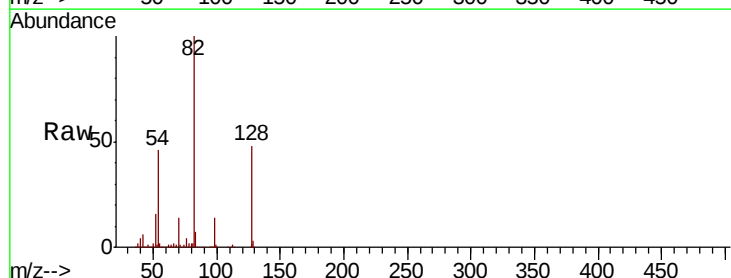
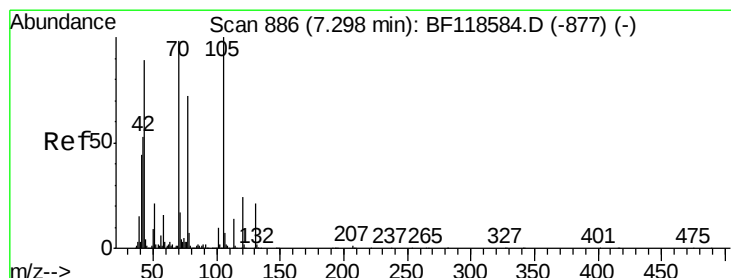
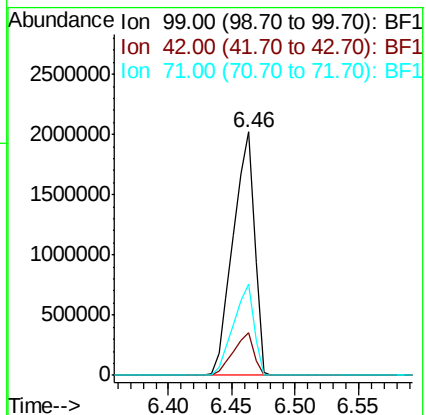
Tot Ion: 99 Resp: 2366099

Ion Ratio Lower Upper

99 100

42 17.4 13.1 19.7

71 37.7 28.4 42.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.881 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.11 min

Lab File: BF118789.D

Acq: 31 Jan 2020 18:33

Tgt Ion: 70 Resp: 230333

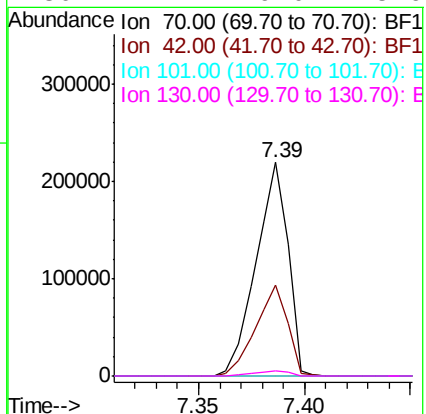
Ion Ratio Lower Upper

70 100

42 42.9 41.6 62.4

101 0.0 7.9 11.9#

130 2.1 19.0 28.6#

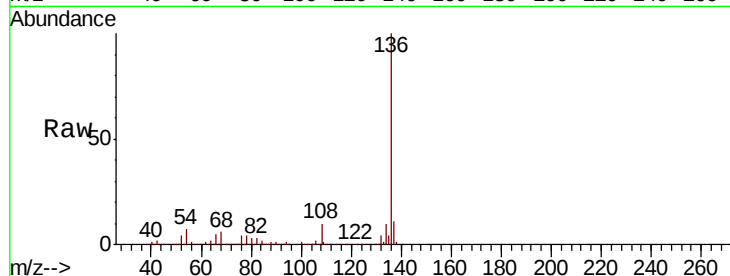




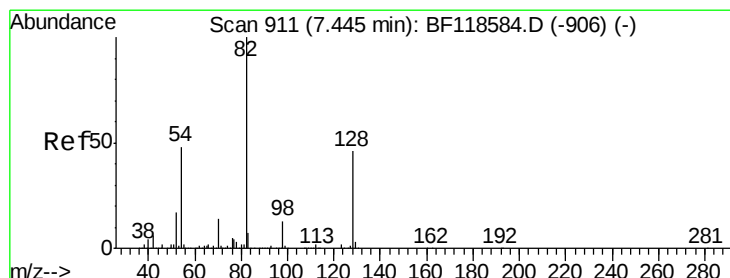
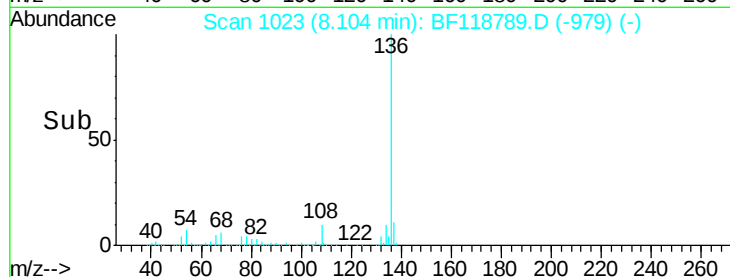
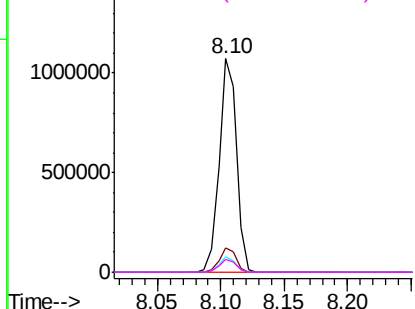
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.04 min
Lab File: BF118789.D
Acq: 31 Jan 2020 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1028885
Ion Ratio	Lower Upper
136 100	
137 11.5	8.9 13.3
54 7.0	5.1 7.7
68 6.0	4.3 6.5

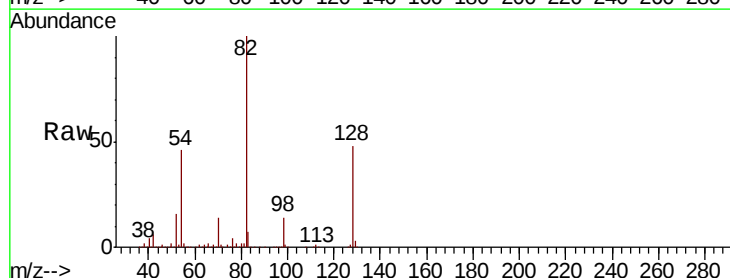


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

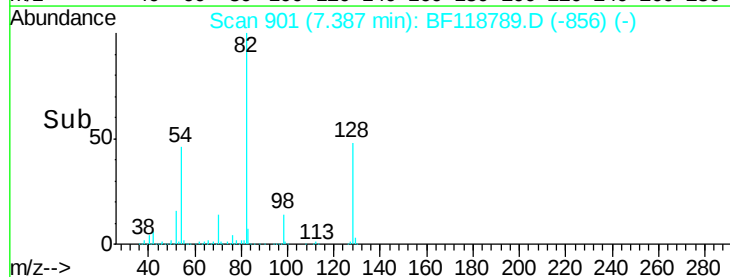
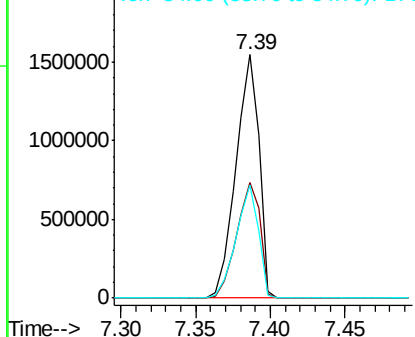


#23
Nitrobenzene-d5
Concen: 91.181 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.04 min
Lab File: BF118789.D
Acq: 31 Jan 2020 18:33

Tgt Ion: 82	Resp: 1677236
Ion Ratio	Lower Upper
82 100	
128 47.7	38.2 57.2
54 46.5	36.1 54.1



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: 49.843 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.29 min

Lab File: BF118789.D

Acq: 31 Jan 2020 18:33

Instrument :

BNA_F

ClientSampleId :

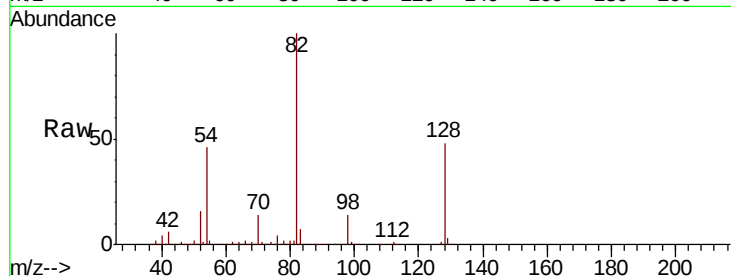
Tot Ion: 82 Resp: 1672280

Ion Ratio Lower Upper

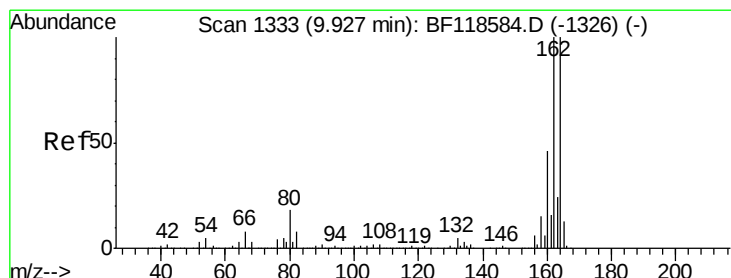
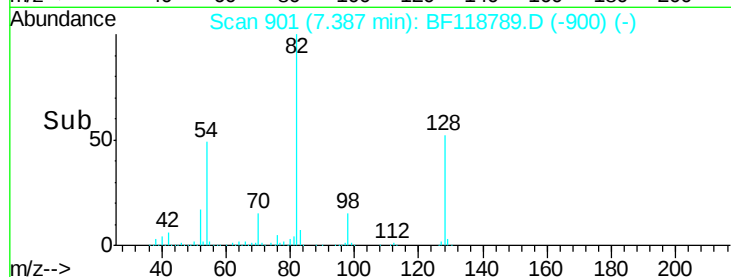
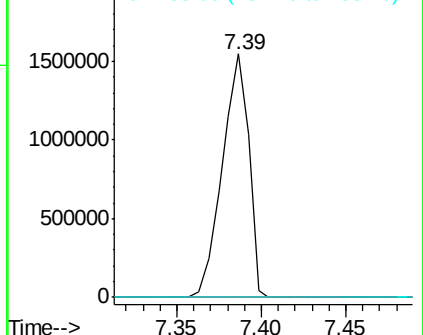
82 100

95 0.0 5.8 8.8#

138 0.0 15.8 23.8#



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: 9.86 min Scan# 1322

Delta R.T. -0.04 min

Lab File: BF118789.D

Acq: 31 Jan 2020 18:33

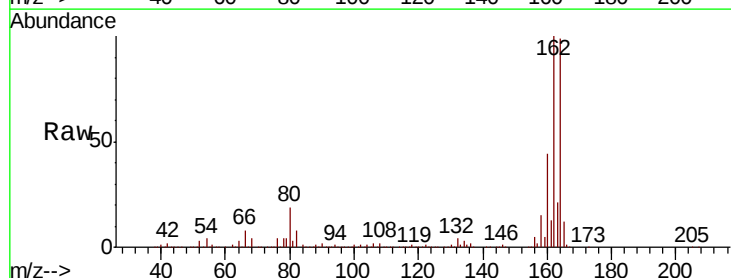
Tgt Ion: 164 Resp: 575221

Ion Ratio Lower Upper

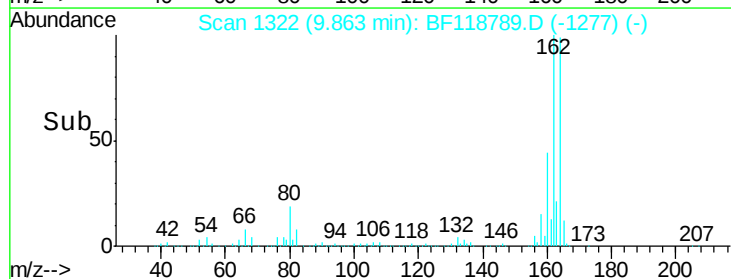
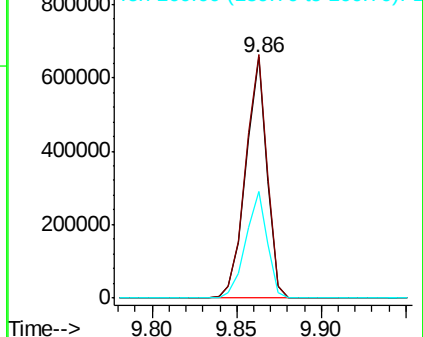
164 100

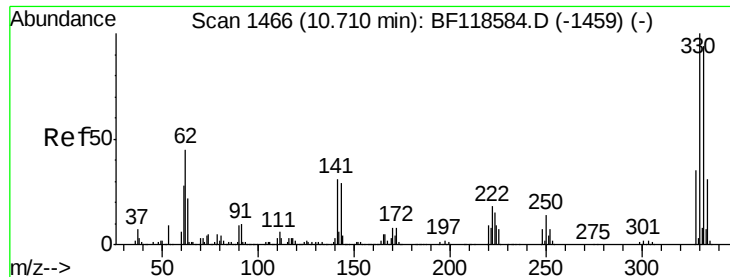
162 101.2 80.8 121.2

160 44.3 35.4 53.0



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

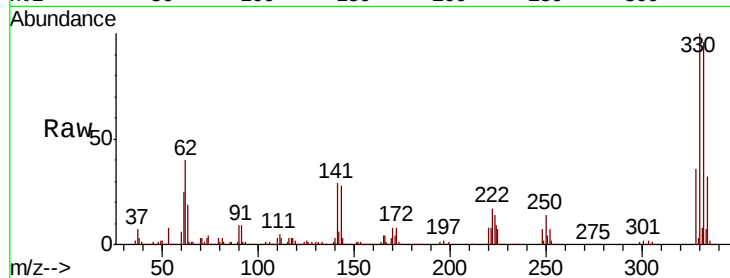




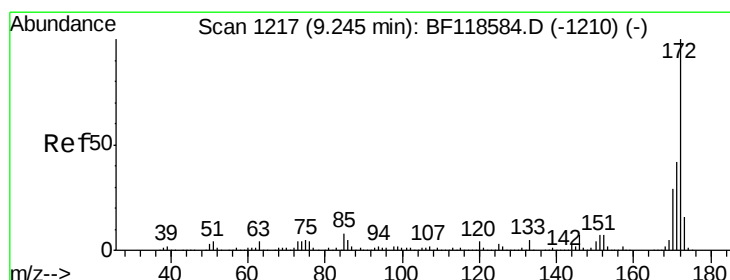
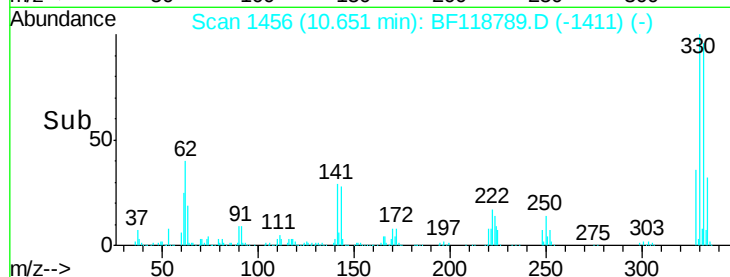
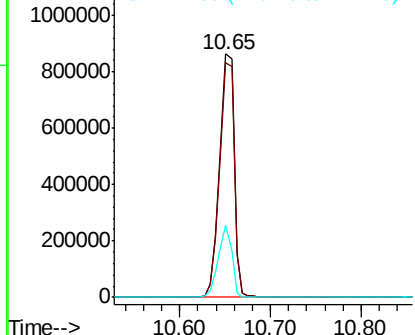
#42
 2,4,6-Tribromophenol
 Concen: 144.264 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.04 min
 Lab File: BF118789.D
 Acq: 31 Jan 2020 18:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 959814
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.6 116.4
 141 27.3 22.2 33.2

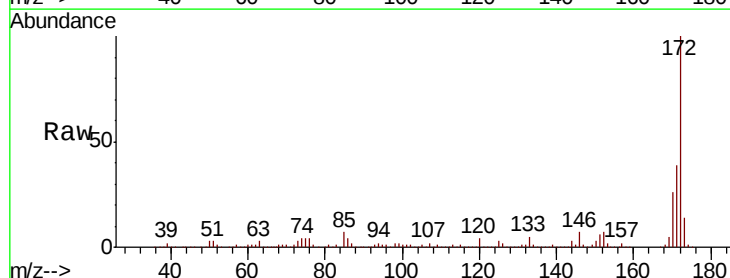


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

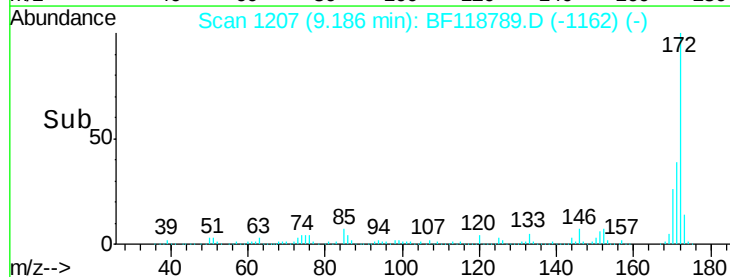
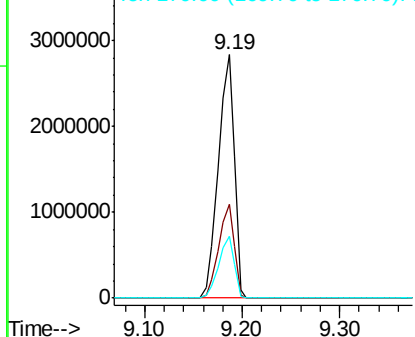


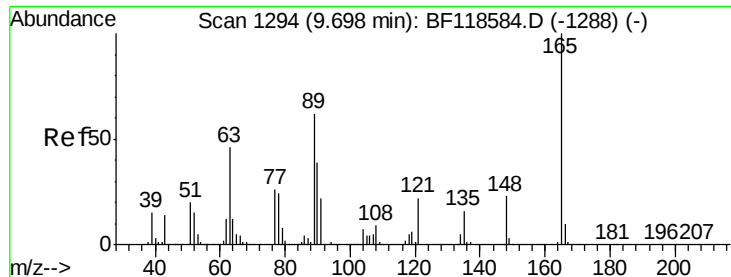
#45
 2-Fluorobiphenyl
 Concen: 92.166 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.04 min
 Lab File: BF118789.D
 Acq: 31 Jan 2020 18:33

Tgt Ion:172 Resp: 3225574
 Ion Ratio Lower Upper
 172 100
 171 38.8 31.0 46.4
 170 25.5 20.7 31.1



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: 8.937 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.19 min

Lab File: BF118789.D

Acq: 31 Jan 2020 18:33

Instrument :

BNA_F

ClientSampleId :

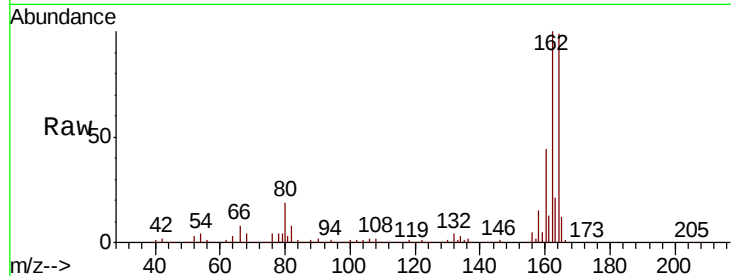
Tot Ion:165 Resp: 74997

Ion Ratio Lower Upper

165 100

63 1.1 39.8 59.6#

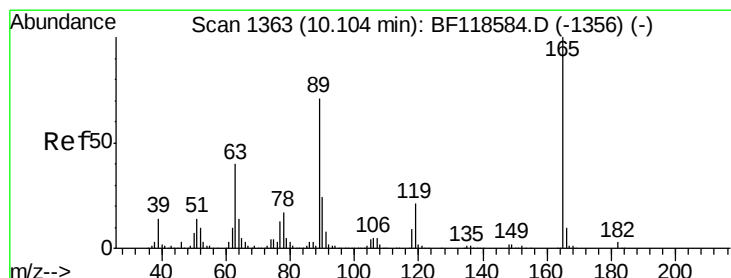
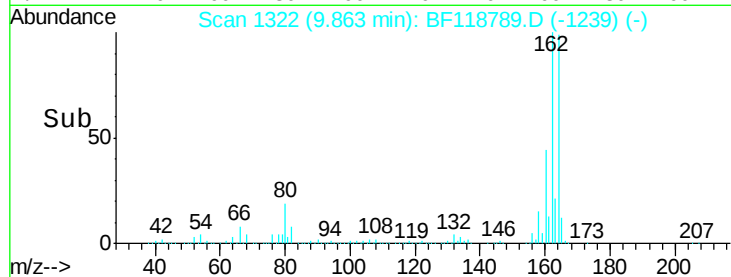
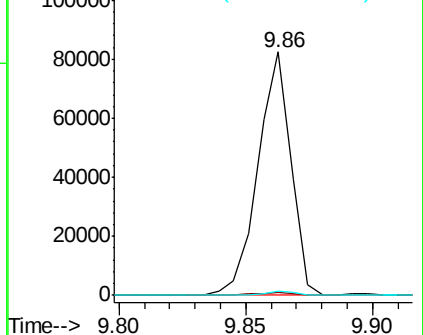
89 1.6 41.4 62.2#



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: 7.089 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.22 min

Lab File: BF118789.D

Acq: 31 Jan 2020 18:33

Tgt Ion:165 Resp: 74997

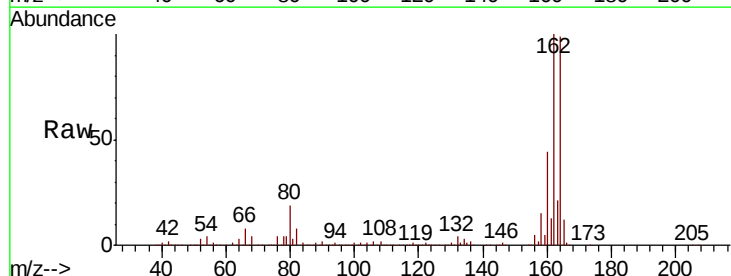
Ion Ratio Lower Upper

165 100

63 1.1 28.5 42.7#

89 1.6 50.4 75.6#

182 0.0 2.3 3.5#

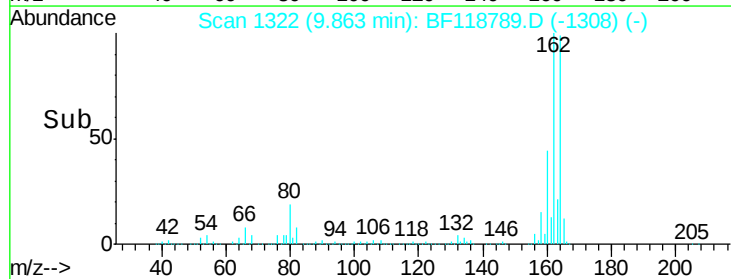
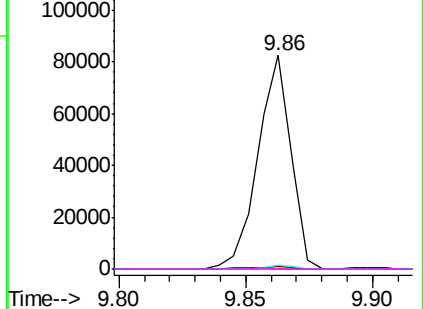


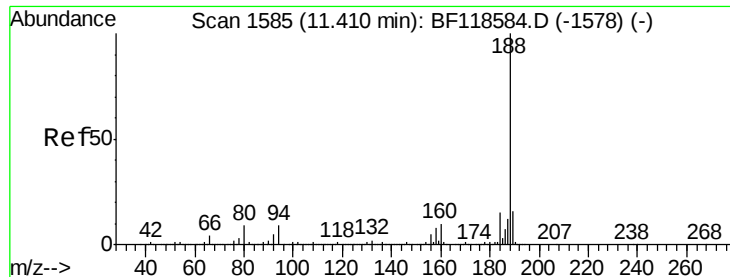
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.04 min

Lab File: BF118789.D

Acq: 31 Jan 2020 18:33

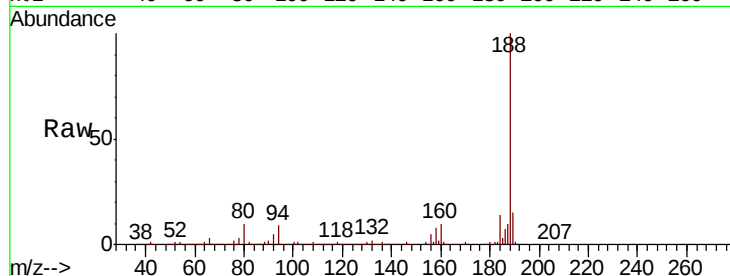
Instrument :

BNA_F

ClientSampleId :

Tot Ion:188 Resp: 995092

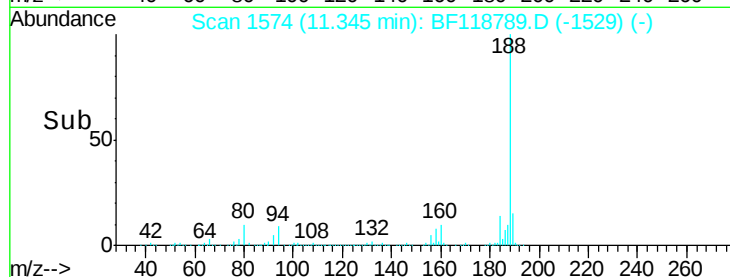
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.2
80	10.0	7.8	11.8



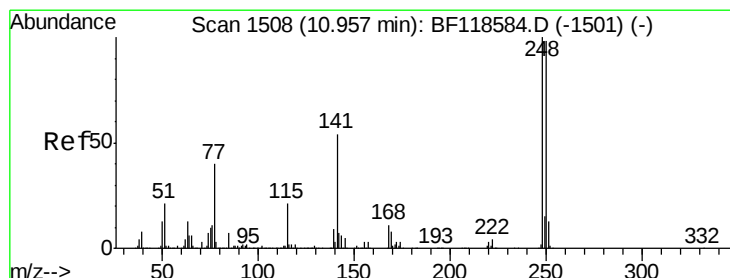
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#67

4-Bromophenyl-phenylether

Concen: 5.117 ng

RT: 10.65 min Scan# 1456

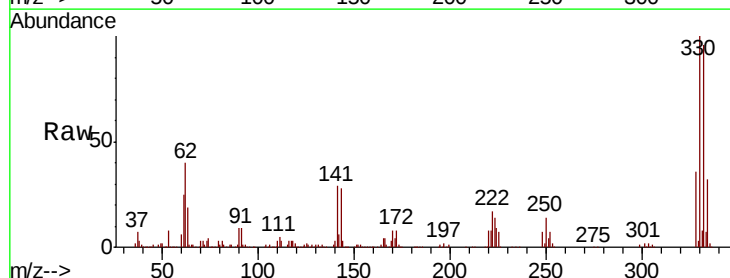
Delta R.T. -0.28 min

Lab File: BF118789.D

Acq: 31 Jan 2020 18:33

Tgt Ion:248 Resp: 62913

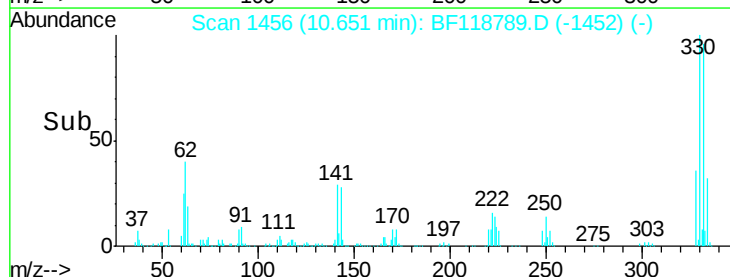
Ion	Ratio	Lower	Upper
248	100		
250	197.1	78.7	118.1#
141	422.4	48.4	72.6#



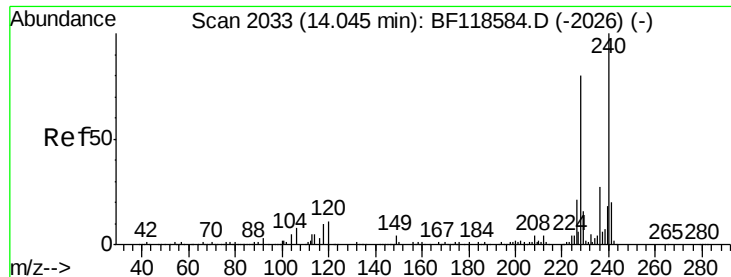
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



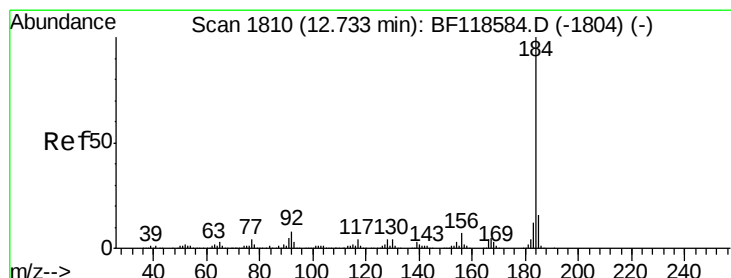
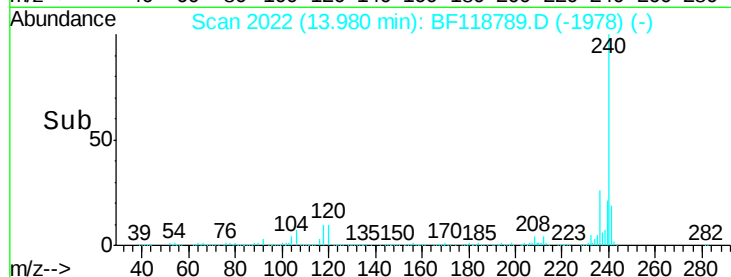
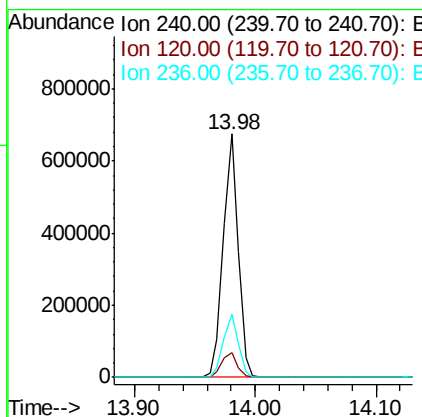
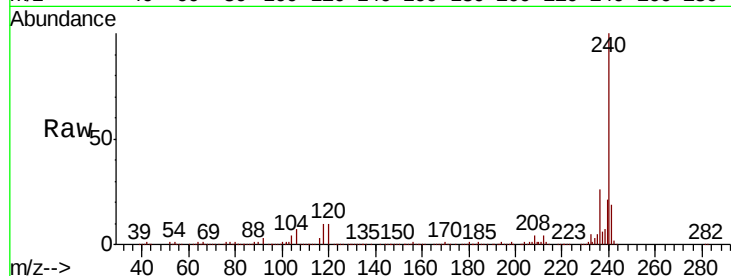
Time-->



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.04 min
 Lab File: BF118789.D
 Acq: 31 Jan 2020 18:33

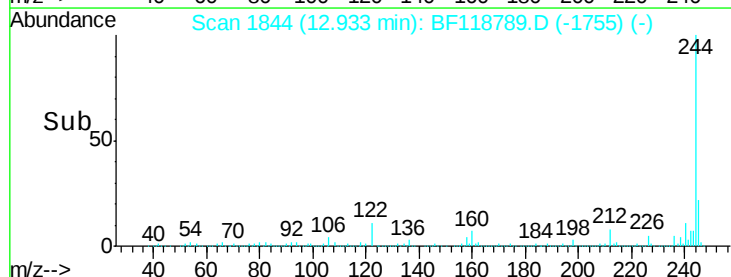
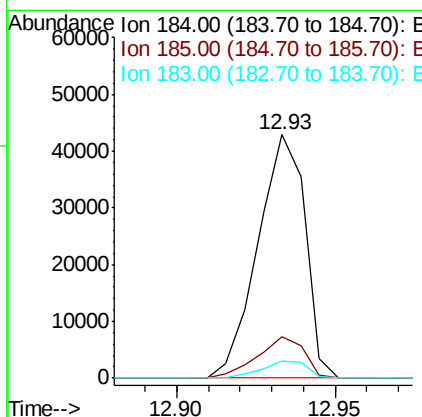
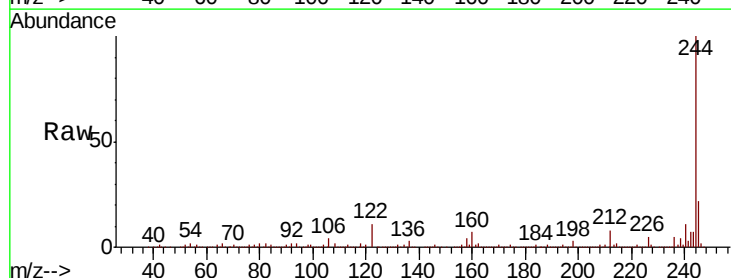
Instrument :
 BNA_F
 ClientSampleID :

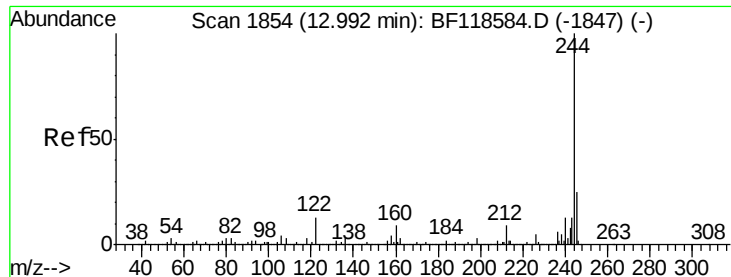
Tot Ion:240 Resp: 575852
 Ion Ratio Lower Upper
 240 100
 120 10.3 7.6 11.4
 236 25.9 21.0 31.4



#77
 Benzidine
 Concen: 2.890 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.22 min
 Lab File: BF118789.D
 Acq: 31 Jan 2020 18:33

Tgt Ion:184 Resp: 44466
 Ion Ratio Lower Upper
 184 100
 185 16.8 11.8 17.8
 183 6.8 9.7 14.5#

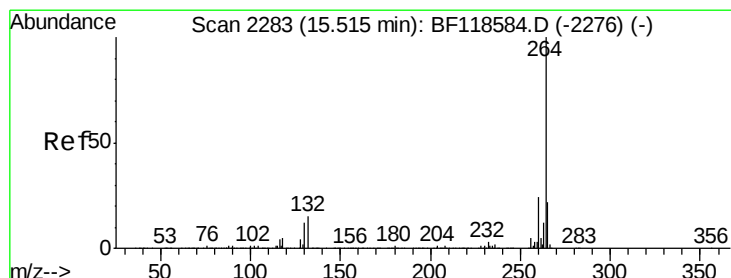
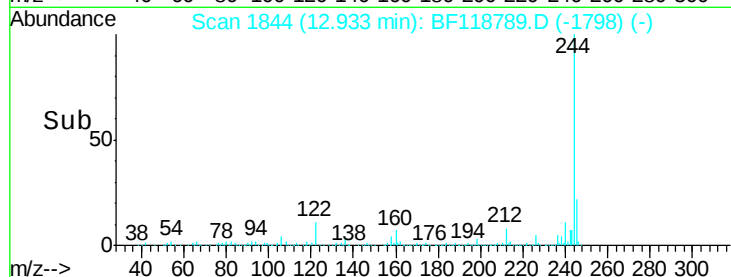
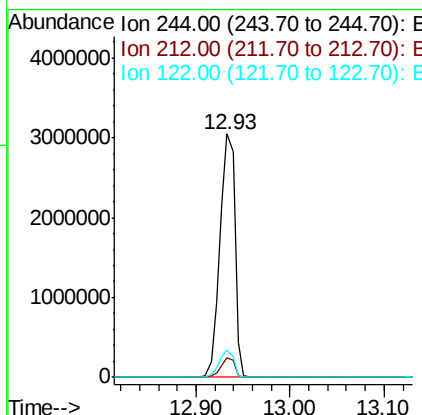
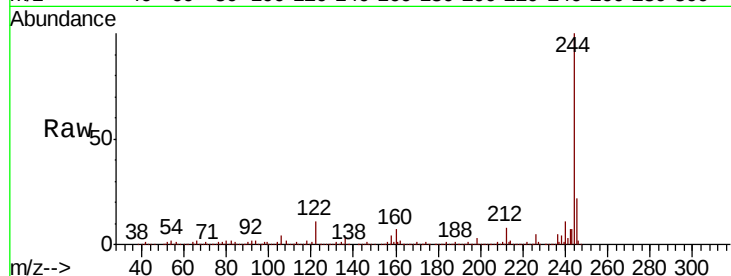




#79
 Terphenyl-d14
 Concen: 129.127 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.03 min
 Lab File: BF118789.D
 Acq: 31 Jan 2020 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 3409212
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 11.2 9.2 13.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.05 min
 Lab File: BF118789.D
 Acq: 31 Jan 2020 18:33

Tgt Ion:264 Resp: 629968
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.6 17.0 25.6

