

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
 Data File : BF118855.D
 Acq On : 7 Feb 2020 17:22
 Operator : CG/JU
 Sample : L1365-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 03:37:10 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

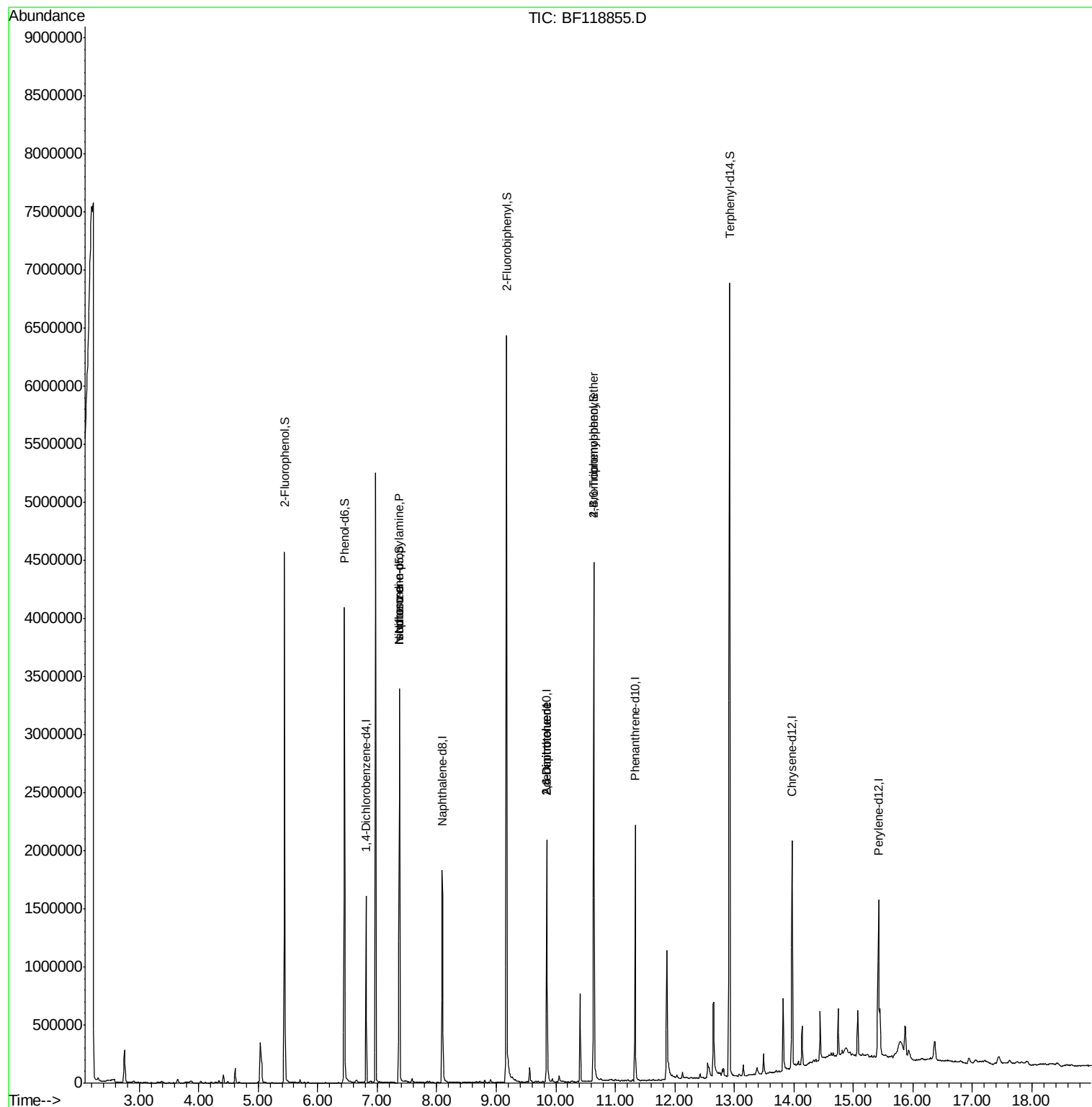
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	232326	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	885369	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	486505	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	812453	20.00	ng	0.00
76) Chrysene-d12	13.97	240	688481	20.00	ng	-0.01
87) Perylene-d12	15.42	264	767884	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1378829	112.34	ng	0.01
7) Phenol-d6	6.45	99	1481215	97.22	ng	0.00
23) Nitrobenzene-d5	7.37	82	1207085	81.26	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	664906	114.22	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2482501	91.22	ng	0.00
79) Terphenyl-d14	12.92	244	2685790	80.13	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	192	Below Cal		Qvalue # 80
19) n-Nitroso-di-n-propylamine	7.37	70	165515	17.755	ng	# 76
25) Isophorone	7.37	82	1207075	45.216	ng	# 63
51) 2,6-Dinitrotoluene	9.85	165	62736	8.277	ng	# 31
57) 2,4-Dinitrotoluene	9.85	165	63053	6.286	ng	# 34
67) 4-Bromophenyl-phenylether	10.64	248	43678	4.545	ng	# 1

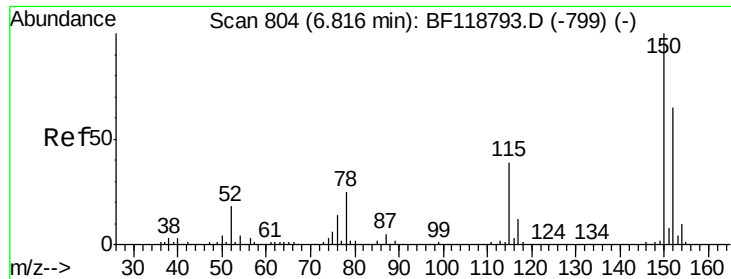
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 08 03:37:10 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



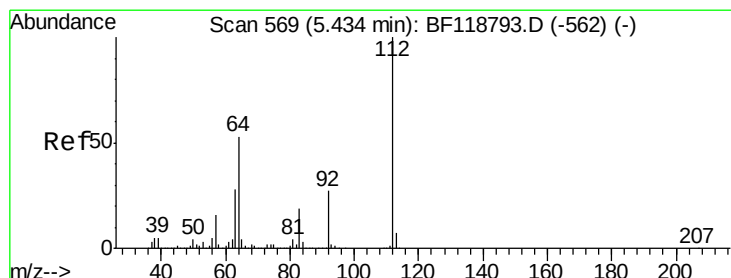
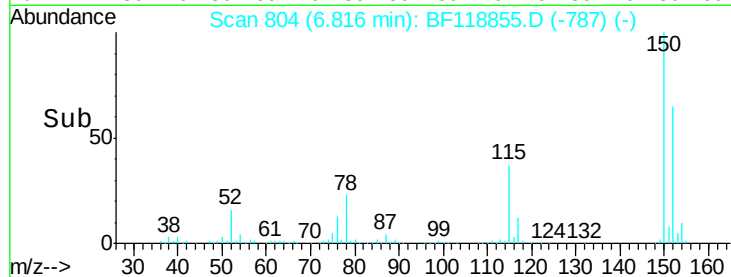
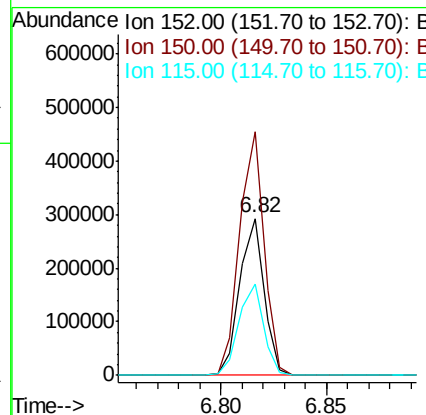
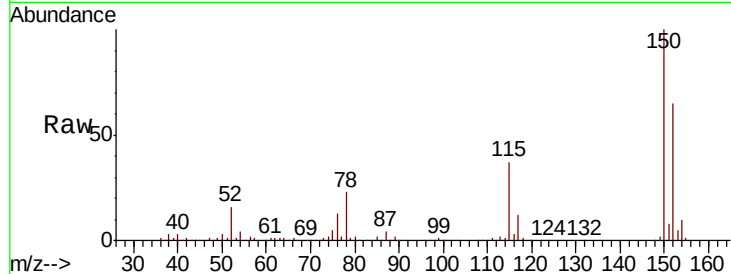


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF118855.D
Acq: 7 Feb 2020 17:22

Instrument :
BNA_F
ClientSampleId :

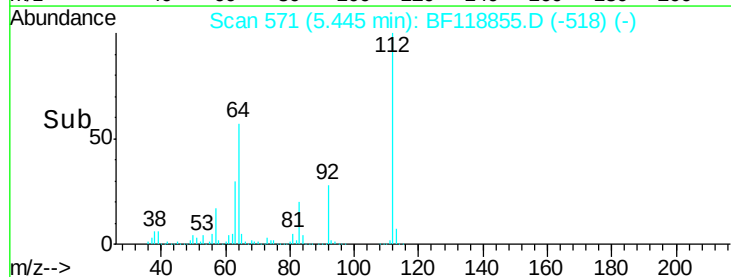
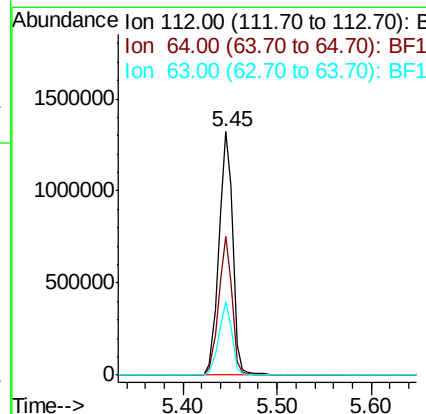
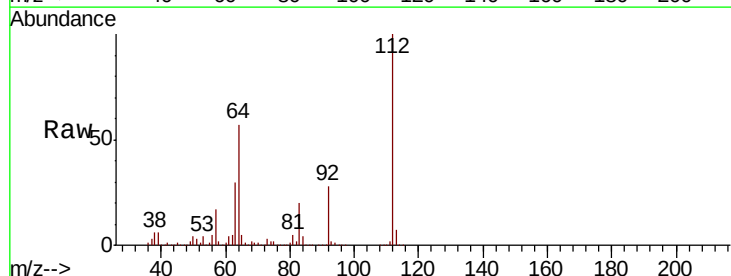
Tot Ion:152 Resp: 232326
Ion Ratio Lower Upper
152 100
150 155.0 123.6 185.4
115 57.9 48.2 72.2

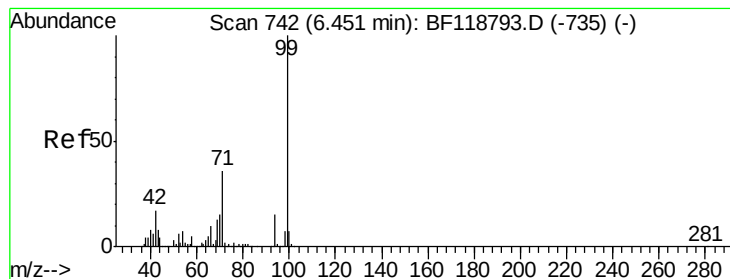


#5

2-Fluorophenol
Concen: 112.343 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF118855.D
Acq: 7 Feb 2020 17:22

Tgt Ion:112 Resp: 1378829
Ion Ratio Lower Upper
112 100
64 56.9 42.6 63.8
63 30.2 22.2 33.4





#7

Phenol-d6

Concen: 97.221 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF118855.D

Acq: 7 Feb 2020 17:22

Instrument :

BNA_F

ClientSampled :

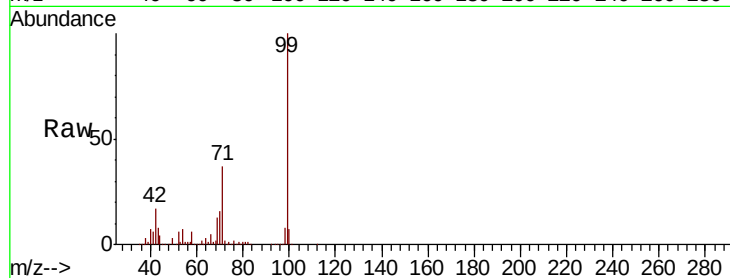
Tot Ion: 99 Resp: 1481215

Ion Ratio Lower Upper

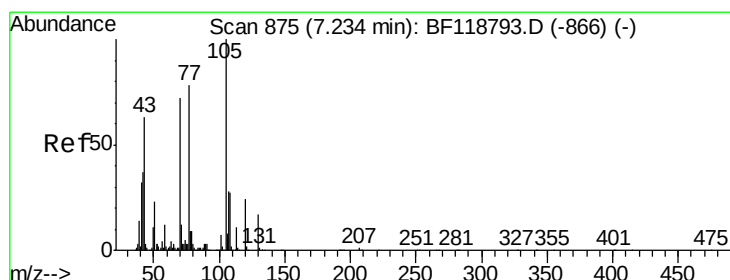
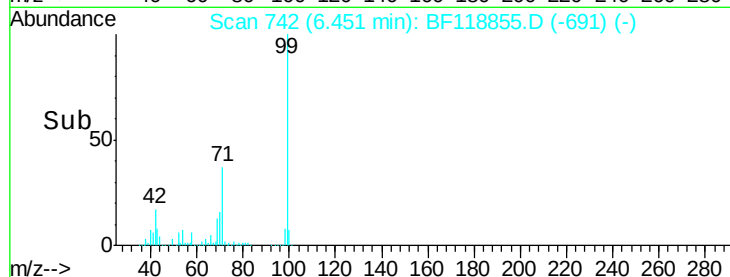
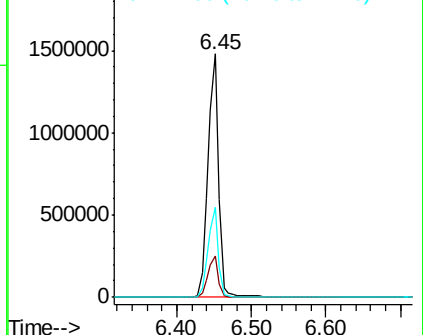
99 100

42 16.9 13.4 20.0

71 36.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 17.755 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF118855.D

Acq: 7 Feb 2020 17:22

Tgt Ion: 70 Resp: 165515

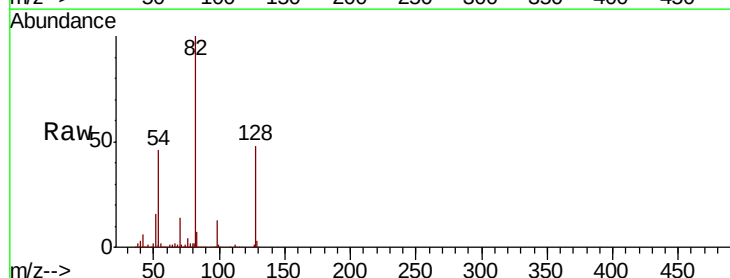
Ion Ratio Lower Upper

70 100

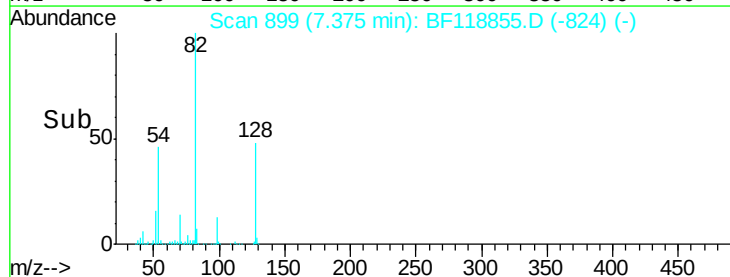
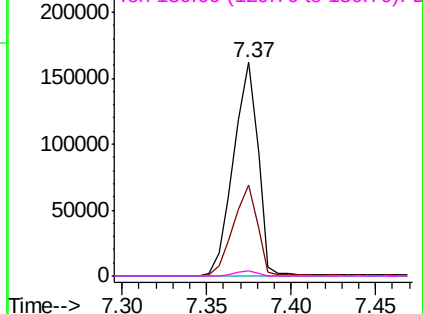
42 42.6 41.5 62.3

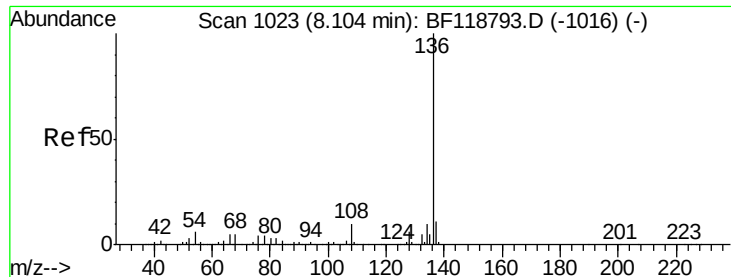
101 0.0 8.3 12.5#

130 2.2 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

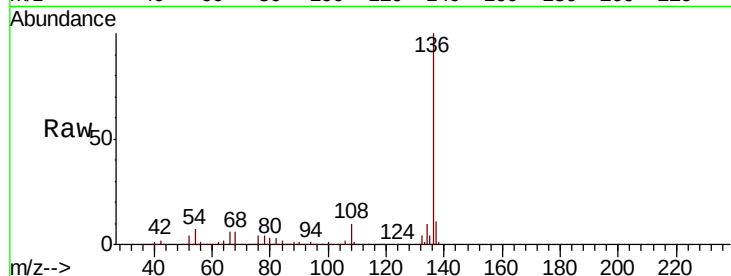




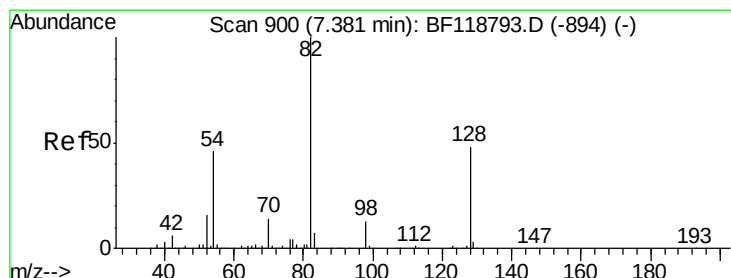
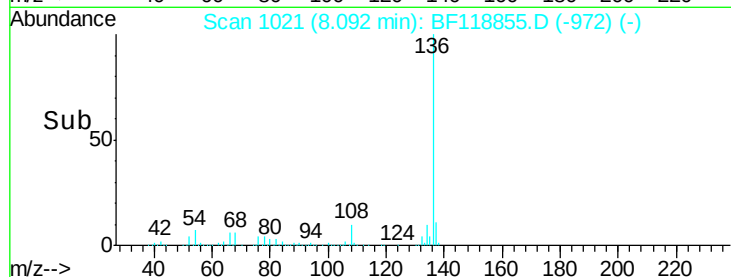
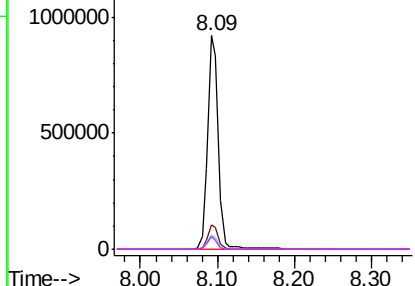
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118855.D
Acq: 7 Feb 2020 17:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	885369
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.7	13.1
54 6.8	5.0	7.6
68 5.8	4.2	6.4

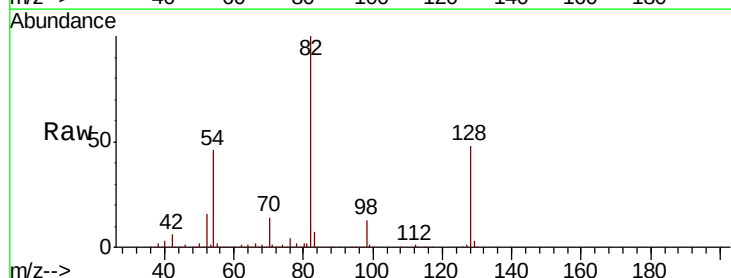


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

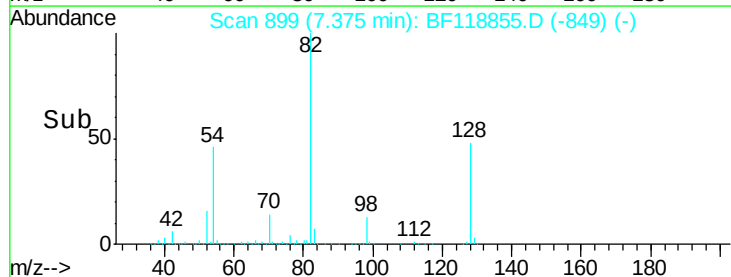
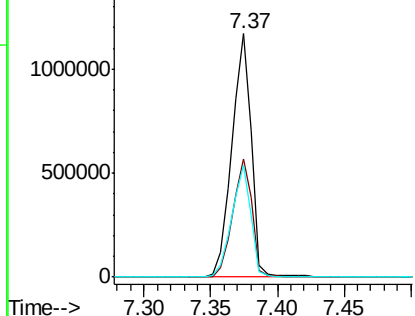


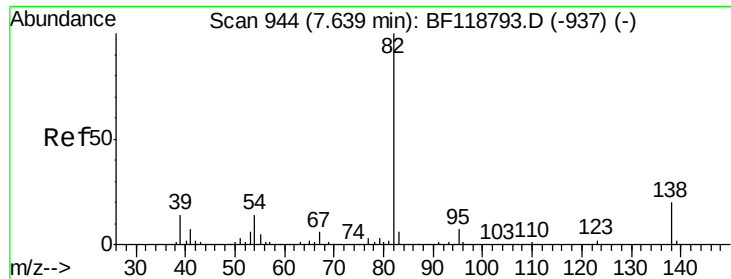
#23
Nitrobenzene-d5
Concen: 81.264 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118855.D
Acq: 7 Feb 2020 17:22

Tgt	Ion: 82	Resp: 1207085	
Ion	Ratio	Lower	Upper
82	100		
128	48.3	38.5	57.7
54	45.7	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: 45.216 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF118855.D

Acq: 7 Feb 2020 17:22

Instrument :

BNA_F

ClientSampleId :

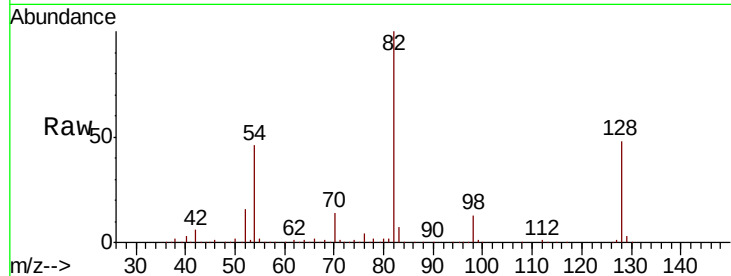
Tot Ion: 82 Resp: 1207075

Ion Ratio Lower Upper

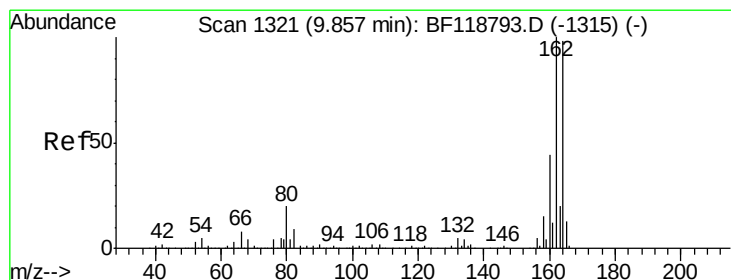
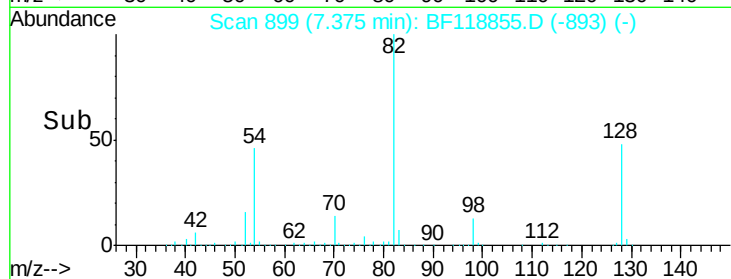
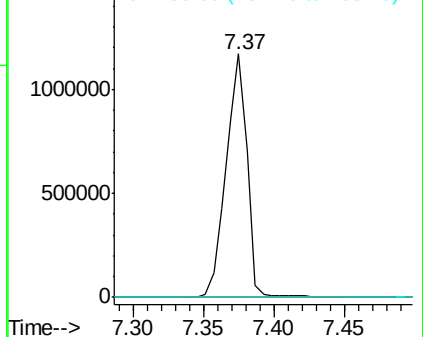
82 100

95 0.0 6.0 9.0#

138 0.0 15.7 23.5#



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: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF118855.D

Acq: 7 Feb 2020 17:22

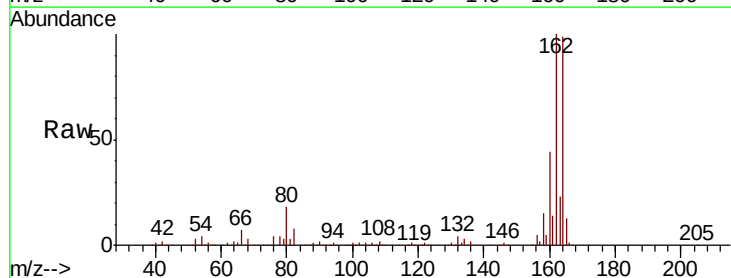
Tgt Ion:164 Resp: 486505

Ion Ratio Lower Upper

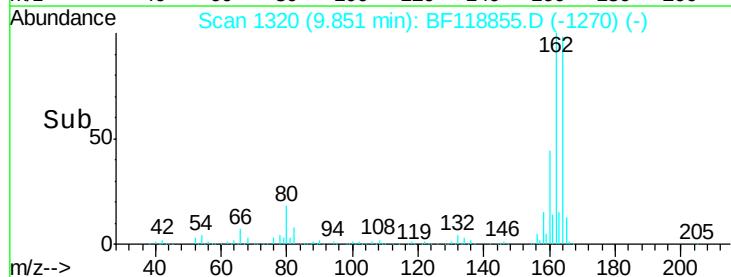
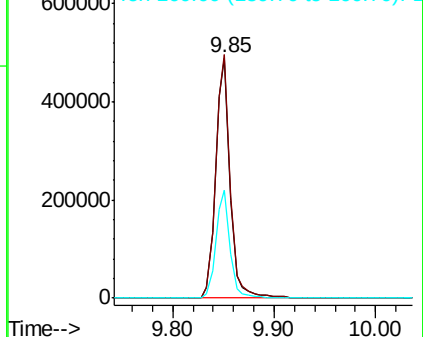
164 100

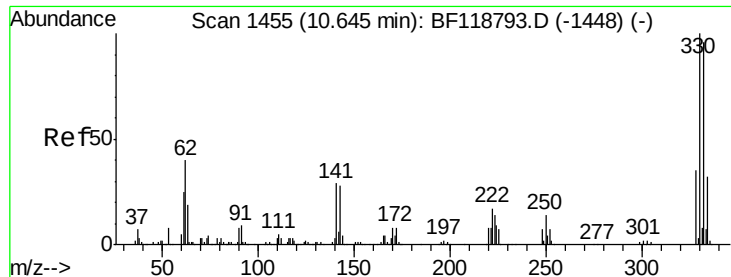
162 101.4 81.4 122.2

160 45.1 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: 114.222 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118855.D

Acq: 7 Feb 2020 17:22

Instrument :

BNA_F

ClientSampled :

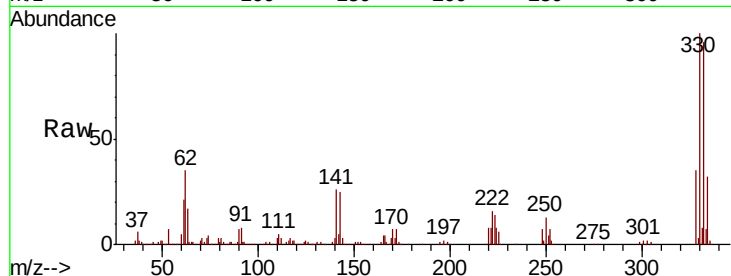
Tot Ion:330 Resp: 664906

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

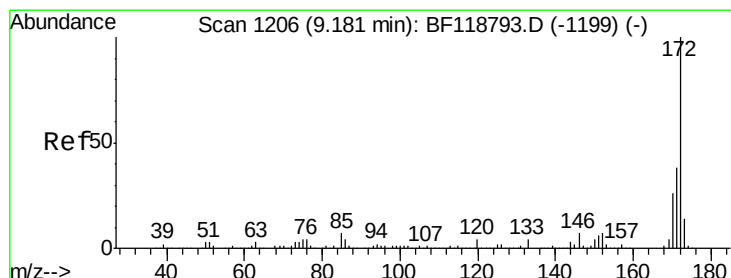
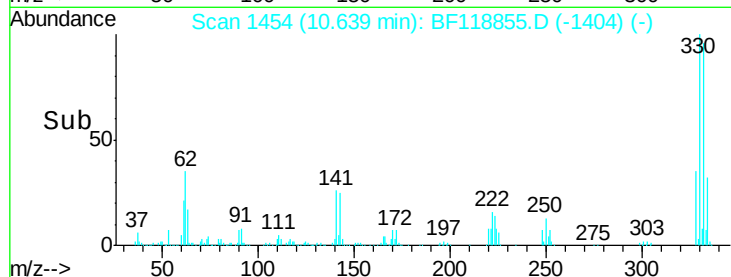
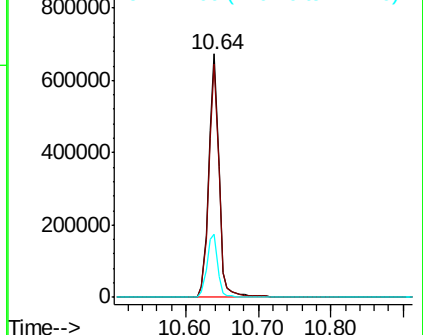
141 28.0 22.4 33.6



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: 91.221 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF118855.D

Acq: 7 Feb 2020 17:22

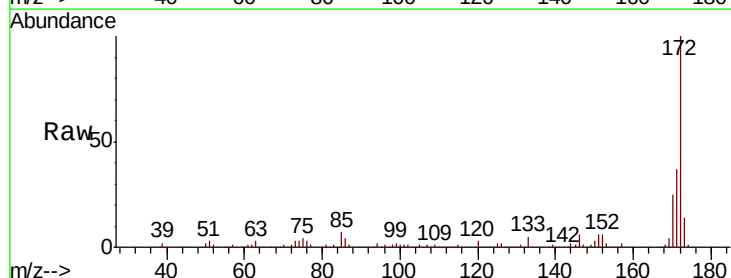
Tgt Ion:172 Resp: 2482501

Ion Ratio Lower Upper

172 100

171 37.3 30.8 46.2

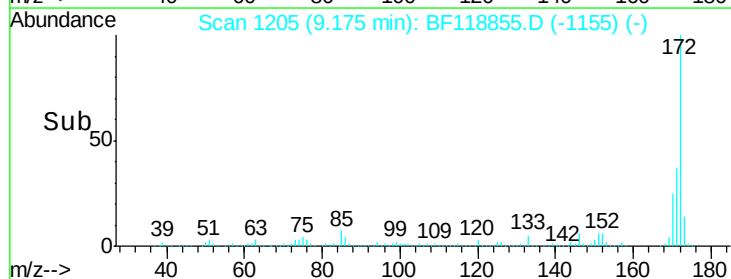
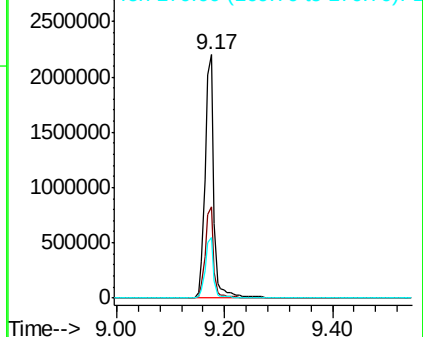
170 25.0 20.5 30.7

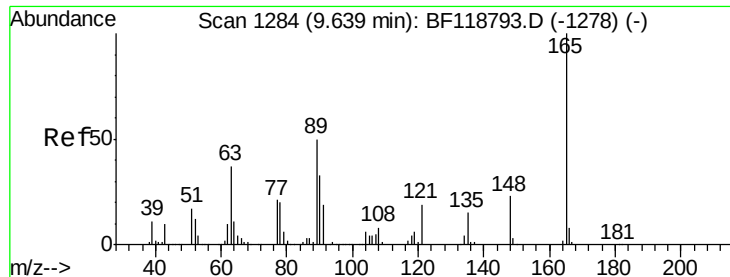


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 8.277 ng

RT: 9.85 min Scan# 1320

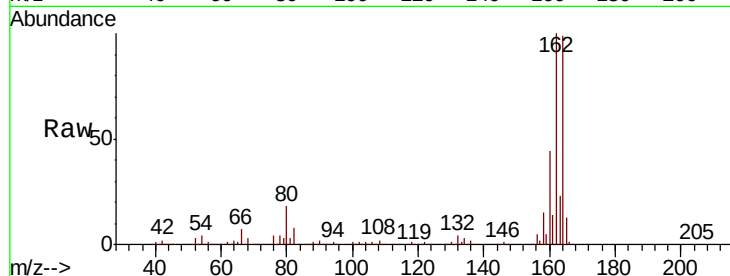
Delta R.T. 0.21 min

Lab File: BF118855.D

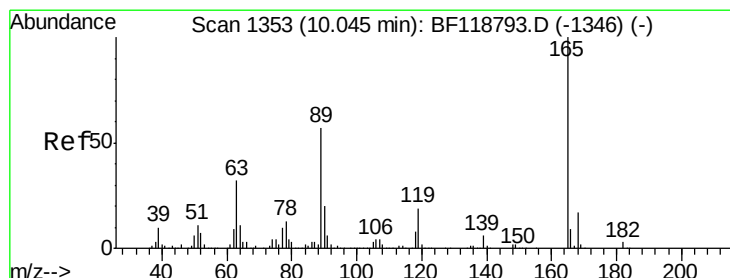
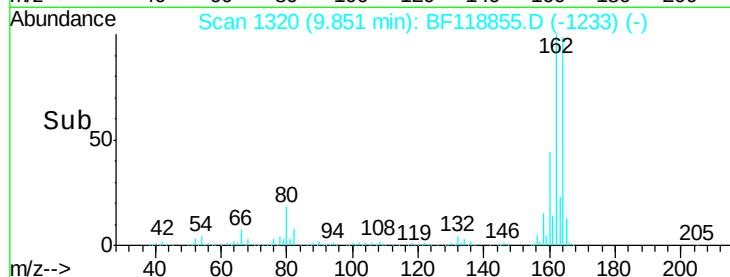
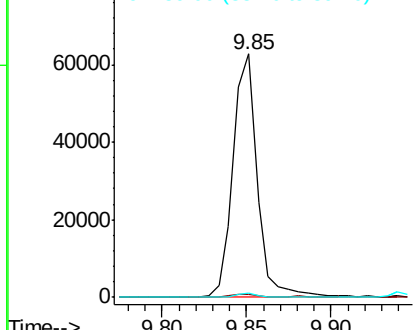
Acq: 7 Feb 2020 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	62736
Ion Ratio	Lower	Upper
165	100	
63	1.0	37.4 56.0#
89	1.5	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: 6.286 ng

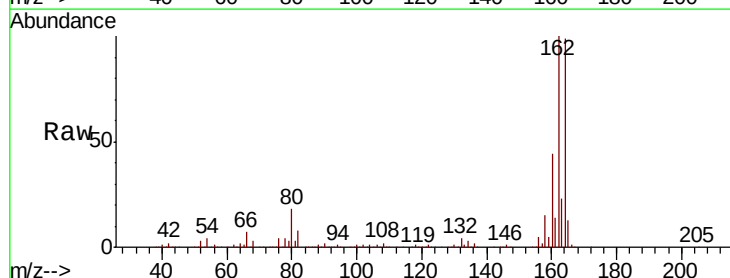
RT: 9.85 min Scan# 1320

Delta R.T. -0.19 min

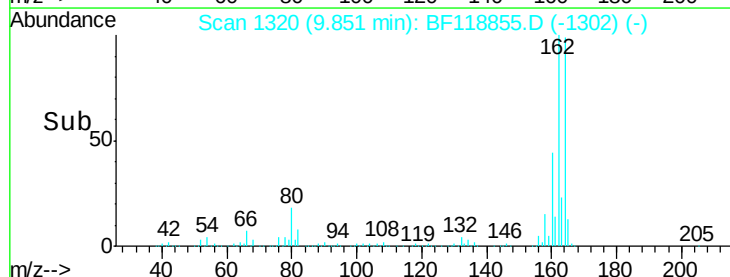
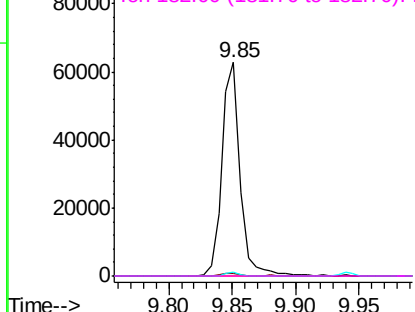
Lab File: BF118855.D

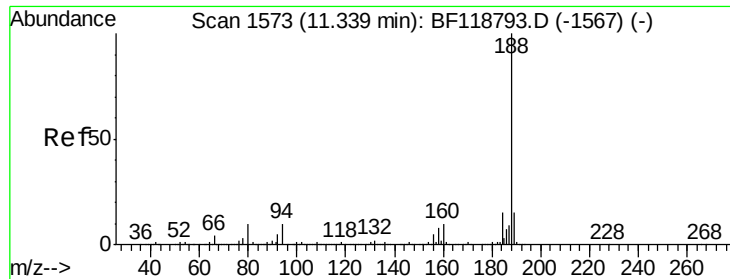
Acq: 7 Feb 2020 17:22

Tgt Ion:165	Resp:	63053
Ion Ratio	Lower	Upper
165	100	
63	1.0	25.5 38.3#
89	1.5	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: BF118855.D

Acq: 7 Feb 2020 17:22

Instrument :

BNA_F

ClientSampleId :

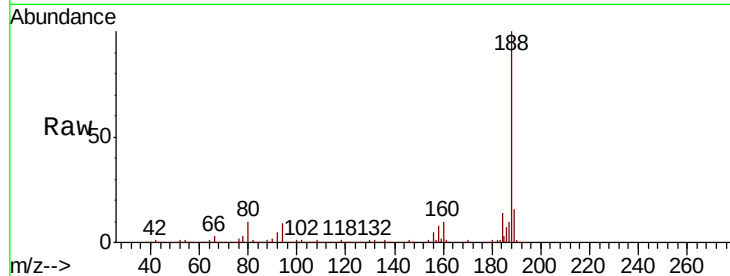
Tot Ion:188 Resp: 812453

Ion Ratio Lower Upper

188 100

94 8.7 7.9 11.9

80 9.8 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

1200000

1000000

800000

600000

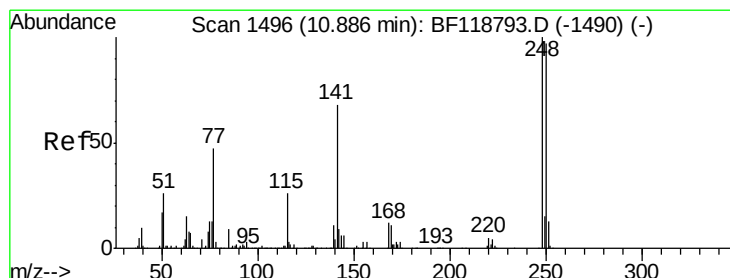
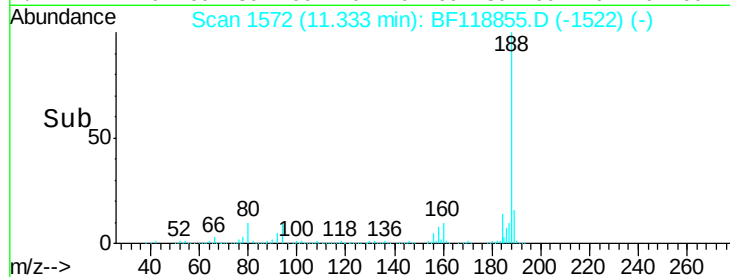
400000

200000

0

11.33

Time-->



#67

4-Bromophenyl-phenylether

Concen: 4.545 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.25 min

Lab File: BF118855.D

Acq: 7 Feb 2020 17:22

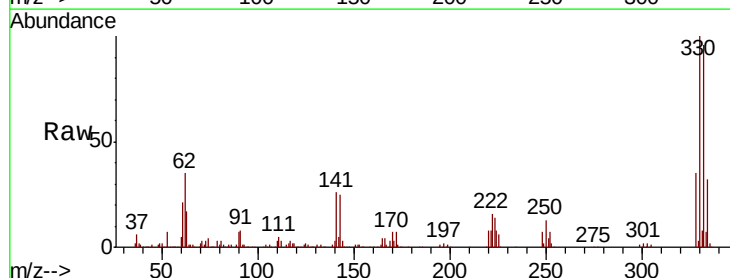
Tgt Ion:248 Resp: 43678

Ion Ratio Lower Upper

248 100

250 193.8 77.6 116.4#

141 388.3 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

200000

150000

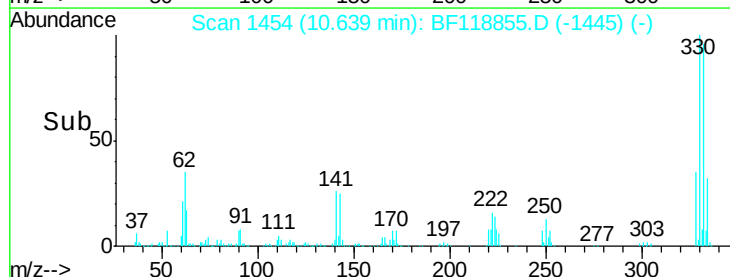
100000

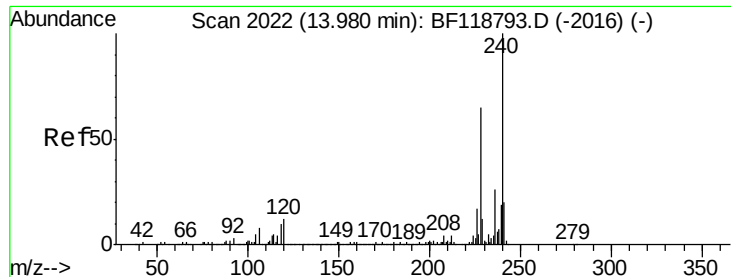
50000

0

10.64

Time-->

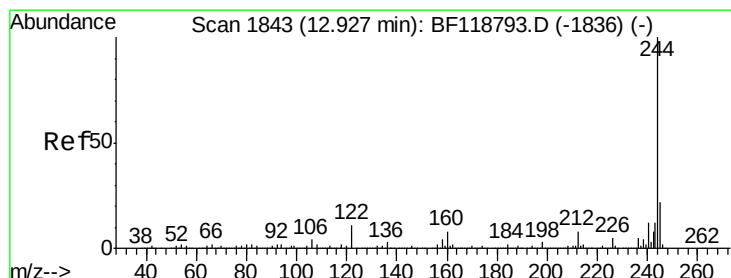
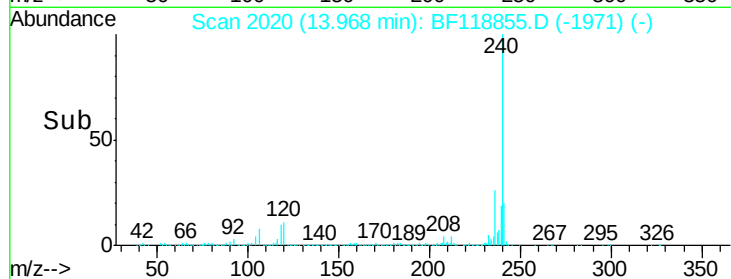
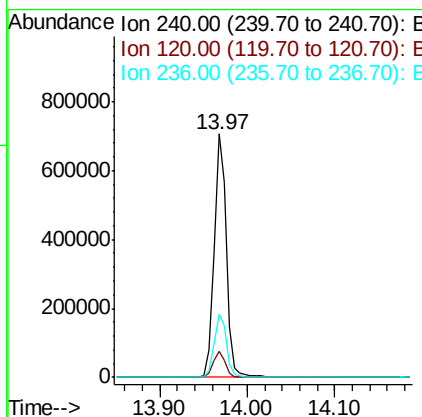
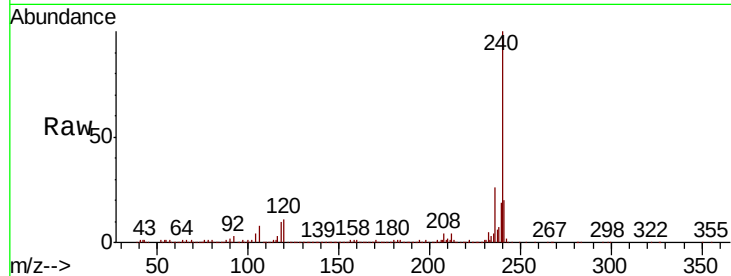




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF118855.D
 Acq: 7 Feb 2020 17:22

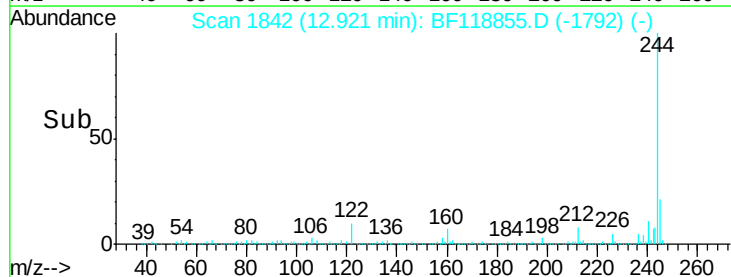
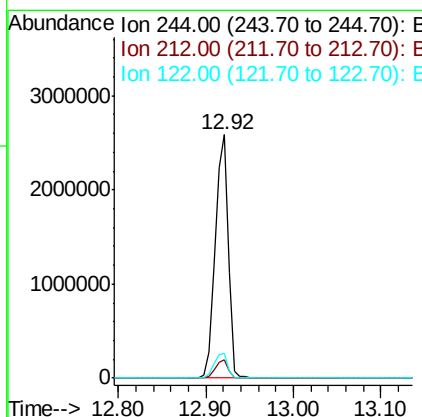
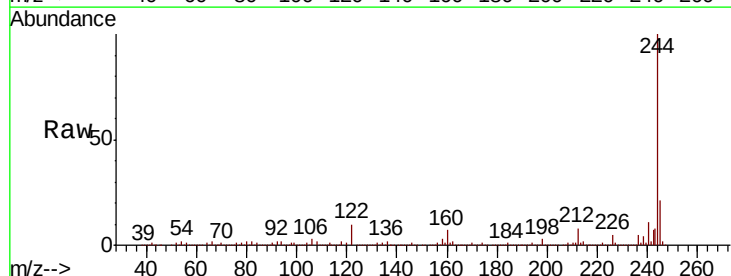
Instrument :
 BNA_F
 ClientSampled :

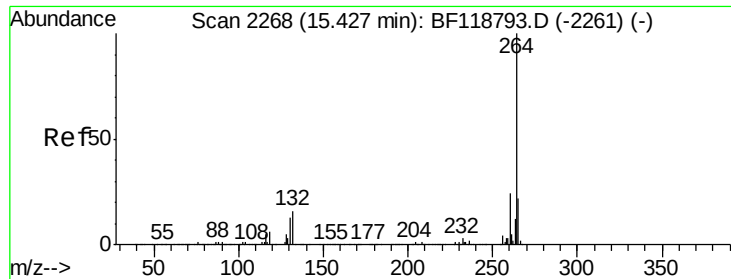
Tot Ion:240 Resp: 688481
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.4 14.0
 236 26.1 21.0 31.6



#79
 Terphenyl-d14
 Concen: 80.129 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BF118855.D
 Acq: 7 Feb 2020 17:22

Tgt Ion:244 Resp: 2685790
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 10.0 8.9 13.3

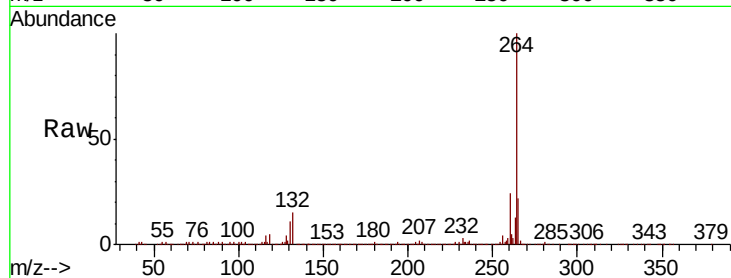




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF118855.D
Acq: 7 Feb 2020 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.9	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

