

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118802.D
 Acq On : 4 Feb 2020 15:27
 Operator : CG/JU
 Sample : PB126569BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 04 16:13:48 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

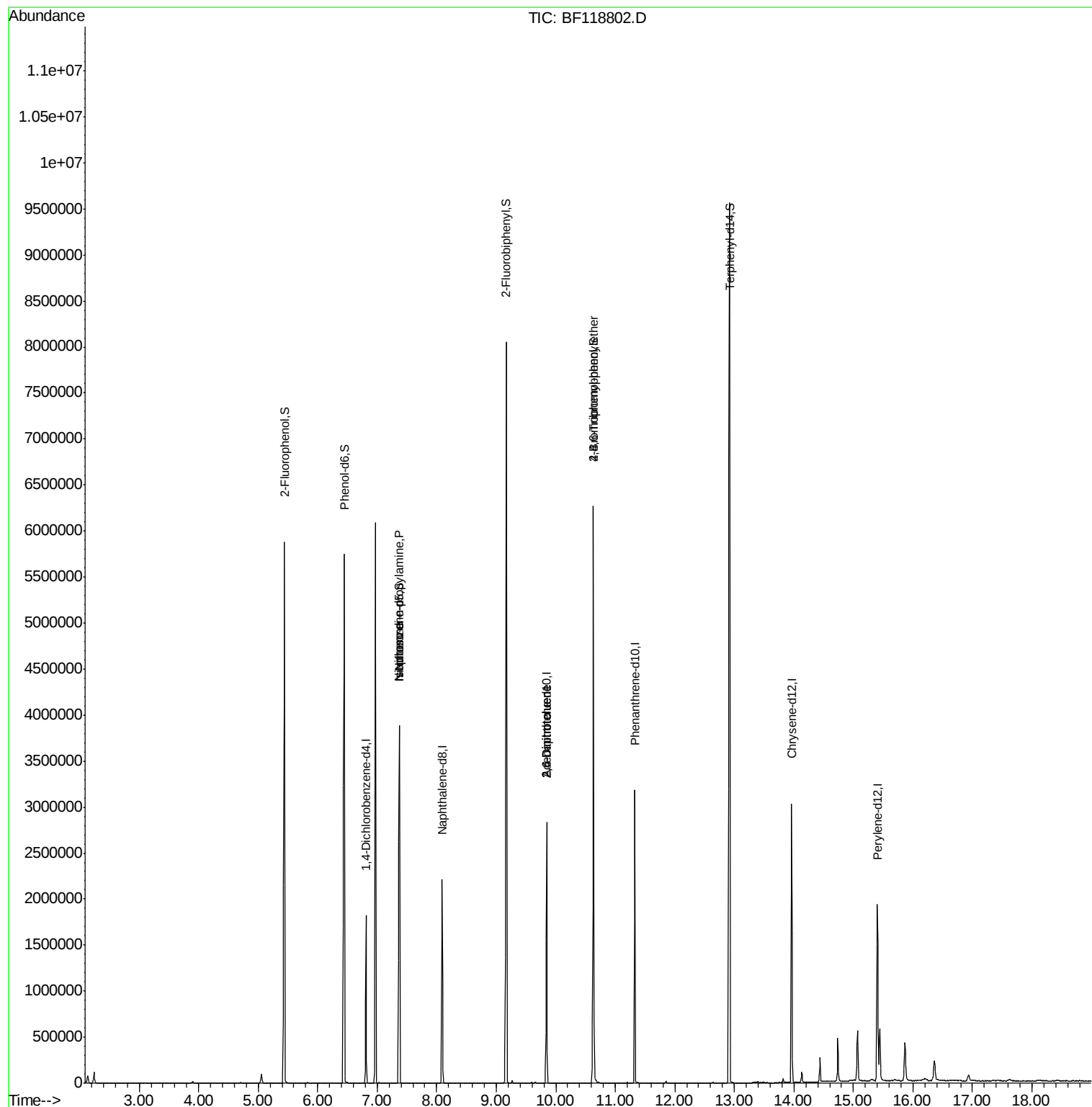
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	273580	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1049871	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	607641	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	1176846	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	979163	20.00	ng	-0.02
87) Perylene-d12	15.40	264	908315	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1965903	136.02	ng	0.00
7) Phenol-d6	6.45	99	2374299	132.34	ng	0.00
23) Nitrobenzene-d5	7.37	82	1572309	89.27	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	990676	136.26	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	3164042	93.09	ng	-0.01
79) Terphenyl-d14	12.92	244	4158223	87.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	3851	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	215424	19.625 ng	#	1
25) Isophorone	7.37	82	1570159	49.601 ng	#	76
51) 2,6-Dinitrotoluene	9.85	165	78785	8.322 ng	#	63
57) 2,4-Dinitrotoluene	9.85	165	78785	6.289 ng	#	30
67) 4-Bromophenyl-phenylether	10.63	248	63886	4.589 ng	#	34
					#	1

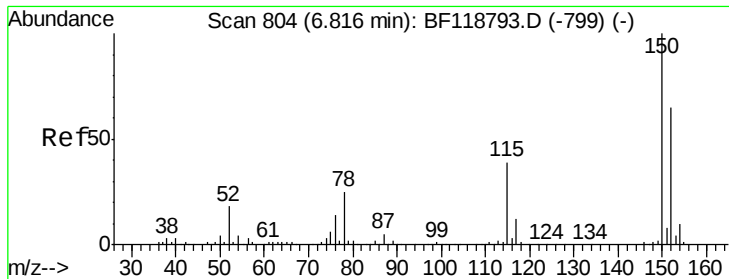
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



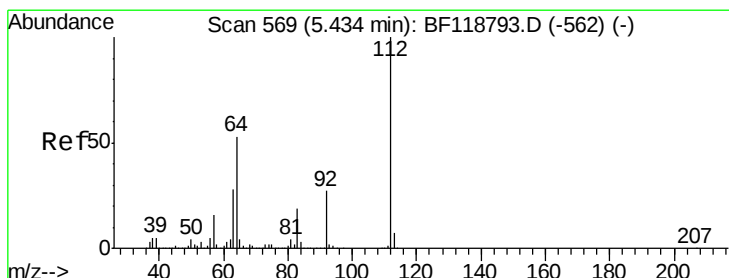
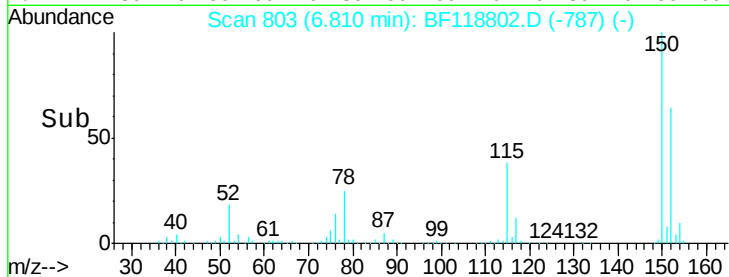
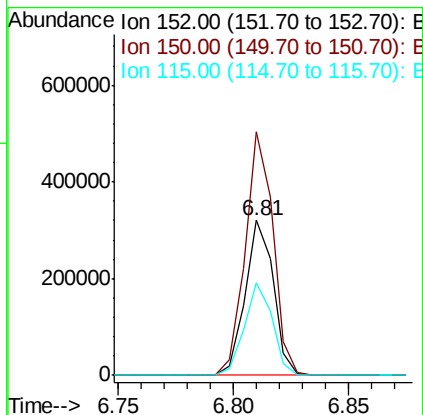
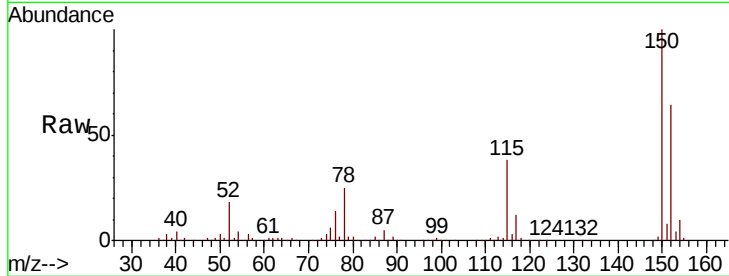


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118802.D
Acq: 4 Feb 2020 15:27

Instrument :
BNA_F
ClientSampleId :

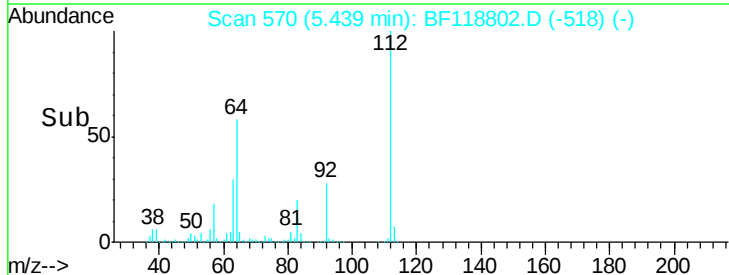
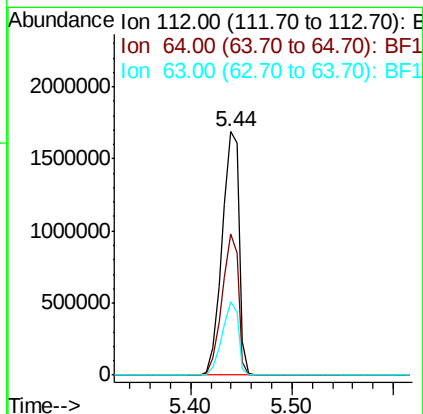
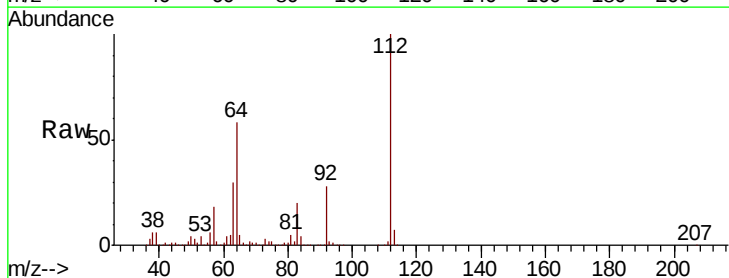
Tot Ion:152 Resp: 273580
Ion Ratio Lower Upper
152 100
150 157.3 123.6 185.4
115 59.9 48.2 72.2

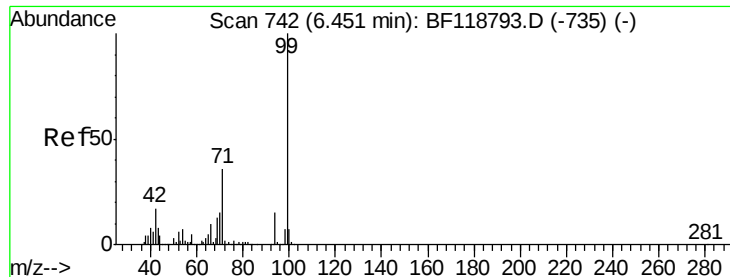


#5

2-Fluorophenol
Concen: 136.023 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF118802.D
Acq: 4 Feb 2020 15:27

Tgt Ion:112 Resp: 1965903
Ion Ratio Lower Upper
112 100
64 57.8 42.6 63.8
63 30.2 22.2 33.4





#7

Phenol-d6

Concen: 132.339 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118802.D

Acq: 4 Feb 2020 15:27

Instrument :

BNA_F

ClientSampleId :

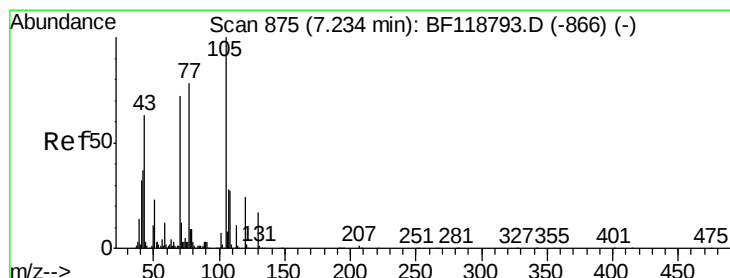
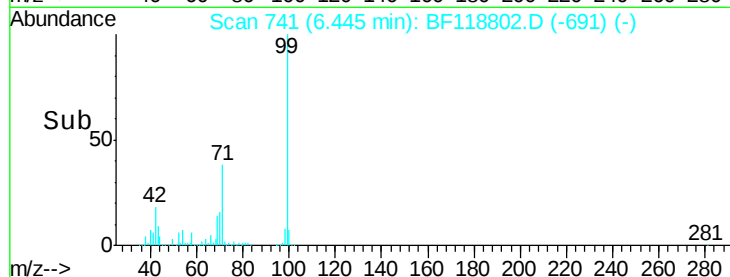
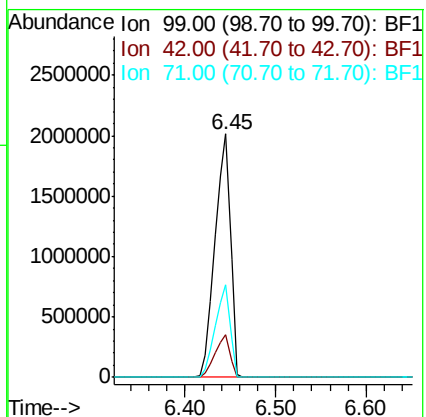
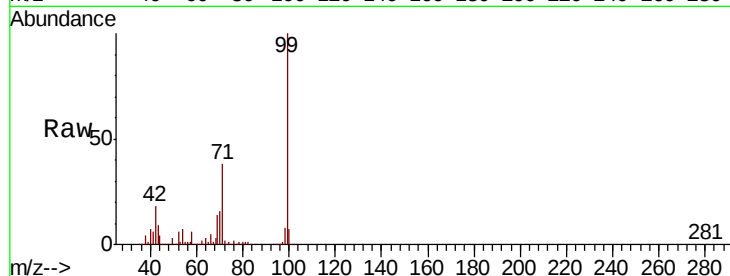
Tot Ion: 99 Resp: 2374299

Ion Ratio Lower Upper

99 100

42 17.7 13.4 20.0

71 38.2 29.0 43.6



#19

n-Nitroso-di-n-propylamine

Concen: 19.625 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF118802.D

Acq: 4 Feb 2020 15:27

Tgt Ion: 70 Resp: 215424

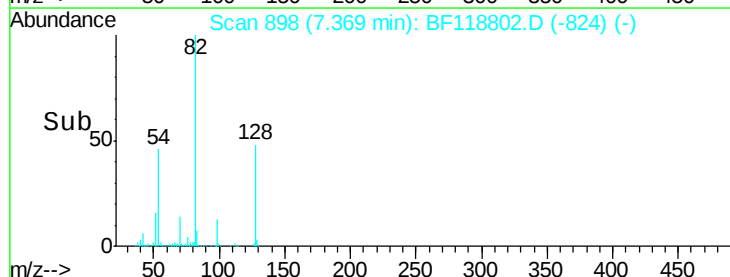
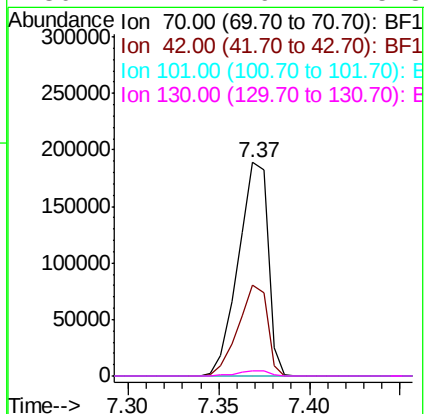
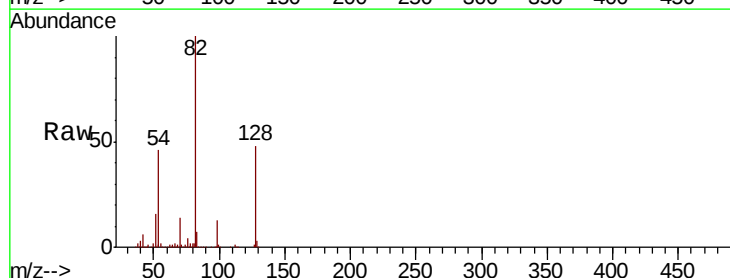
Ion Ratio Lower Upper

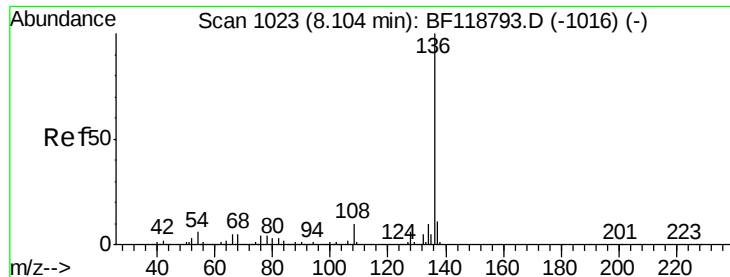
70 100

42 42.7 41.5 62.3

101 0.0 8.3 12.5#

130 2.2 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: BF118802.D

Acq: 4 Feb 2020 15:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1049871

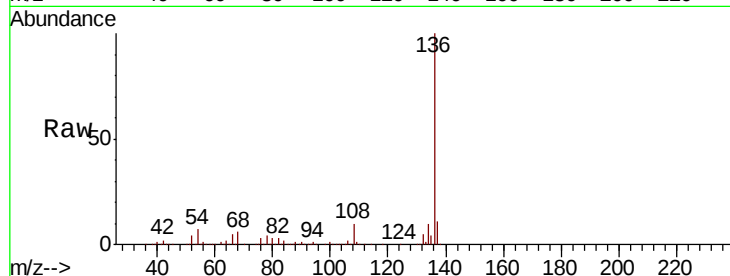
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.5 5.0 7.6

68 5.8 4.2 6.4

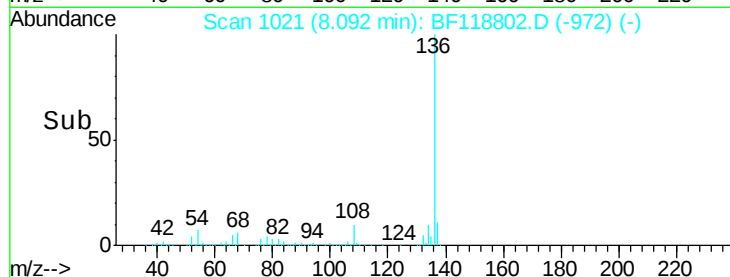


Abundance Ion 136.00 (135.70 to 136.70): E

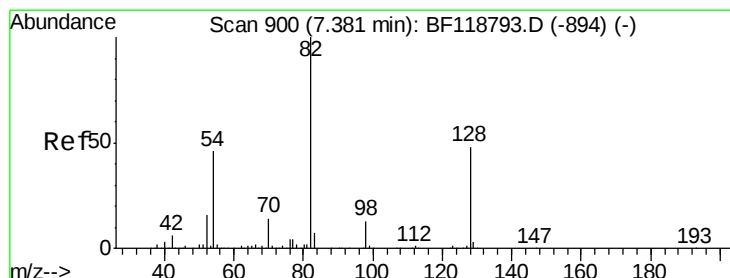
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time--> 8.00 8.10 8.20



#23

Nitrobenzene-d5

Concen: 89.266 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF118802.D

Acq: 4 Feb 2020 15:27

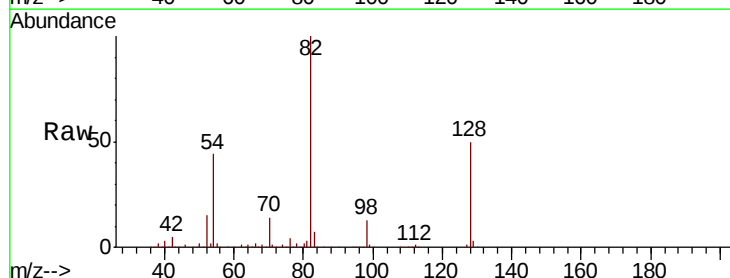
Tgt Ion: 82 Resp: 1572309

Ion Ratio Lower Upper

82 100

128 49.8 38.5 57.7

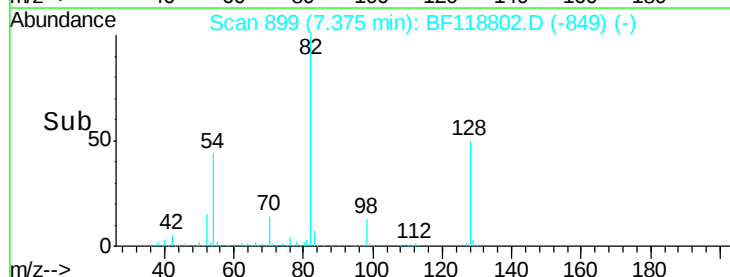
54 44.0 36.7 55.1



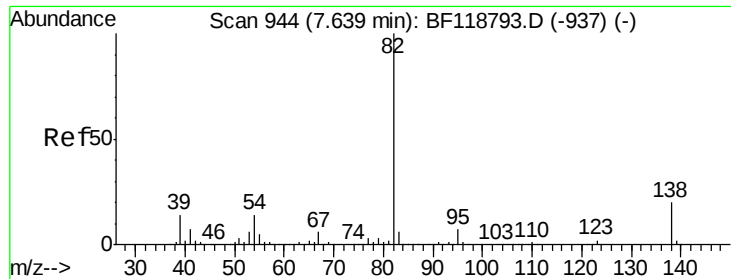
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time--> 7.30 7.35 7.40 7.45



#25

Isophorone

Concen: 49.601 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF118802.D

Acq: 4 Feb 2020 15:27

Instrument :

BNA_F

ClientSampleId :

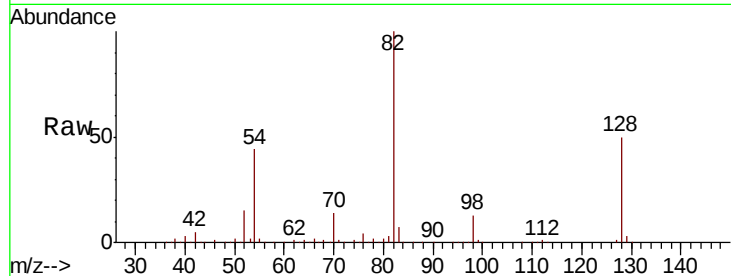
Tot Ion: 82 Resp: 1570159

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

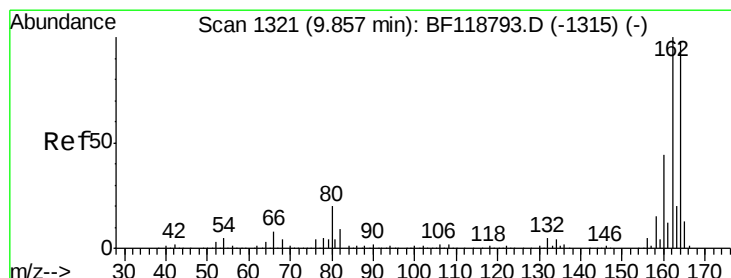
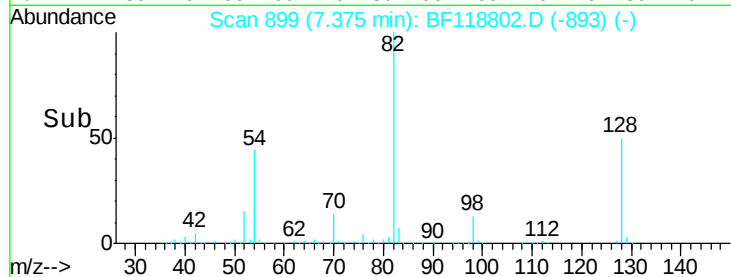
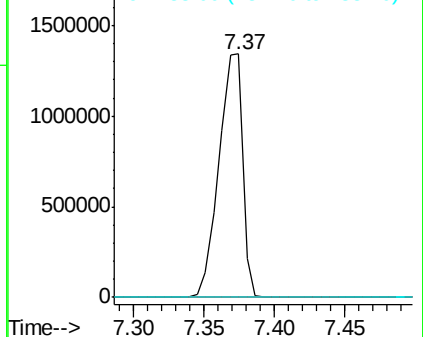
138 0.0 15.7 23.5#



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# 1319

Delta R.T. -0.01 min

Lab File: BF118802.D

Acq: 4 Feb 2020 15:27

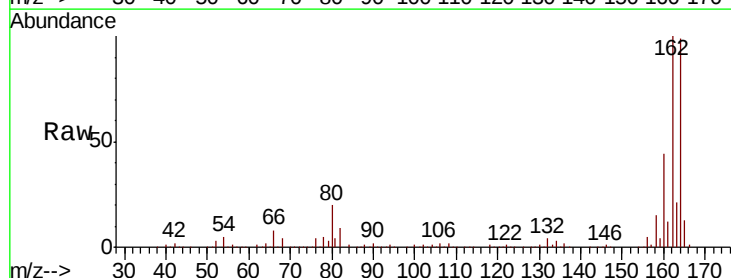
Tgt Ion:164 Resp: 607641

Ion Ratio Lower Upper

164 100

162 100.8 81.4 122.2

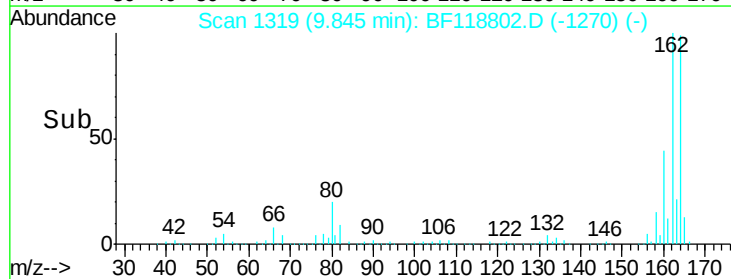
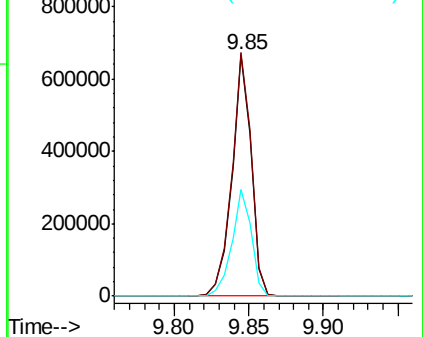
160 44.1 35.6 53.4

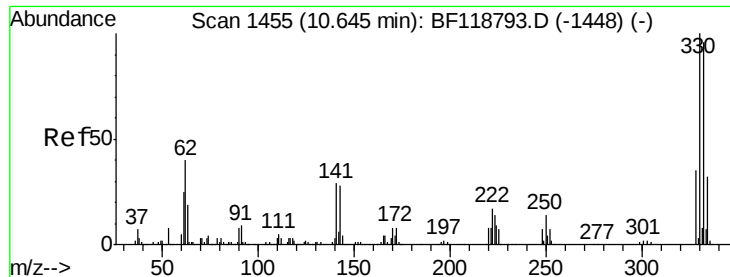


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 136.258 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF118802.D

Acq: 4 Feb 2020 15:27

Instrument :

BNA_F

ClientSampleId :

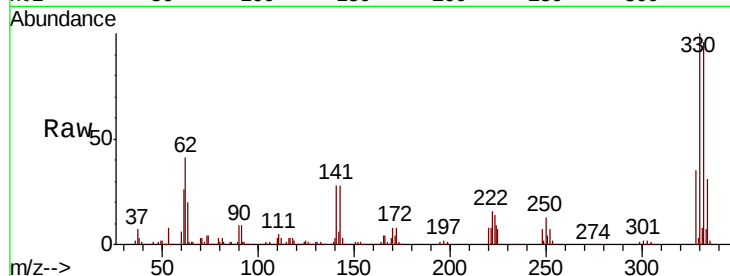
Tot Ion:330 Resp: 990676

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

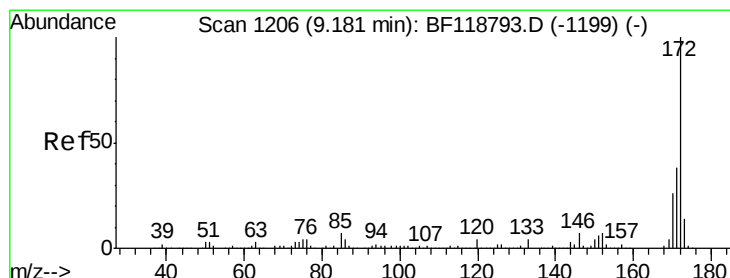
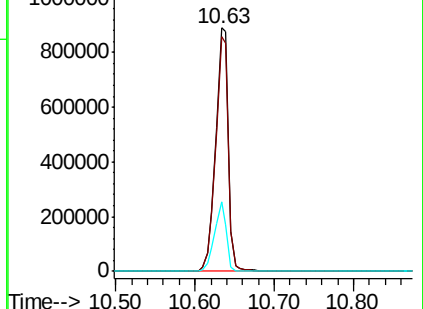
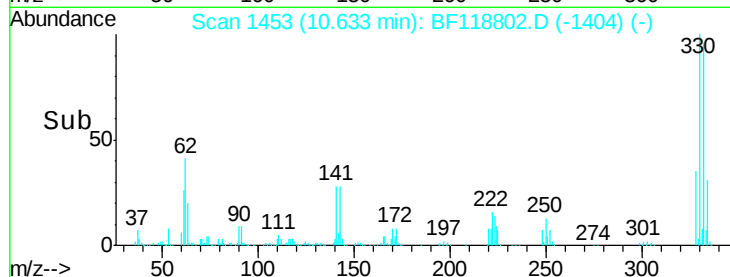
141 26.8 22.4 33.6



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: 93.087 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF118802.D

Acq: 4 Feb 2020 15:27

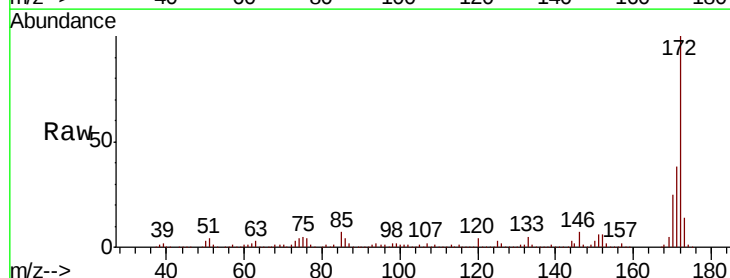
Tgt Ion:172 Resp: 3164042

Ion Ratio Lower Upper

172 100

171 38.1 30.8 46.2

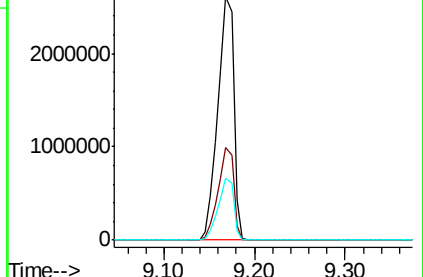
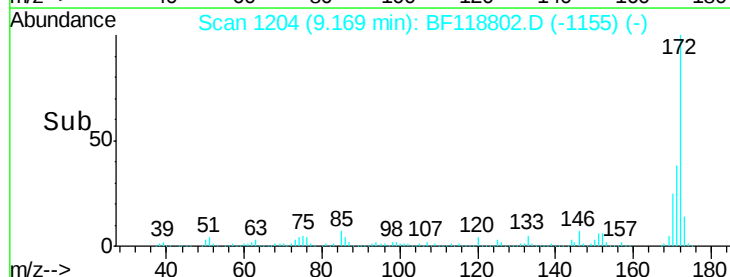
170 25.3 20.5 30.7

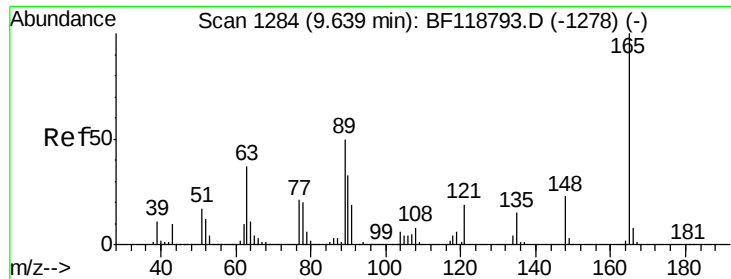


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 8.322 ng

RT: 9.85 min Scan# 1319

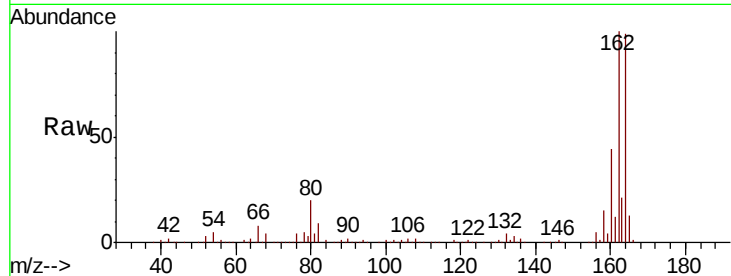
Delta R.T. 0.21 min

Lab File: BF118802.D

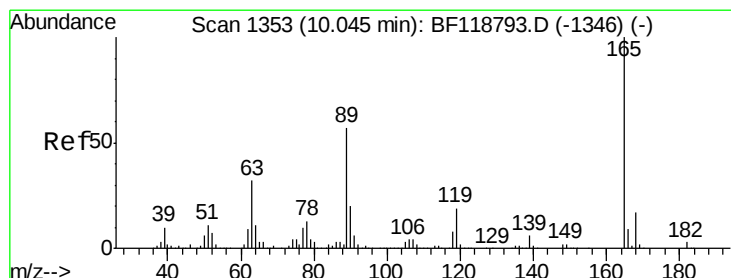
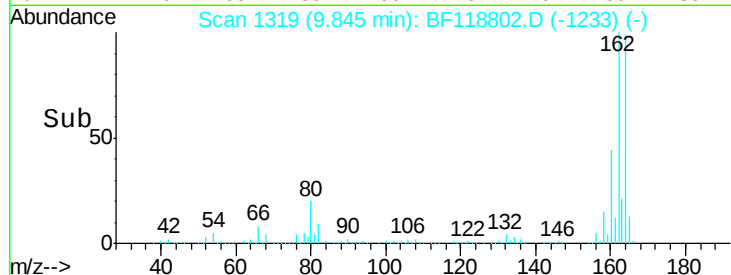
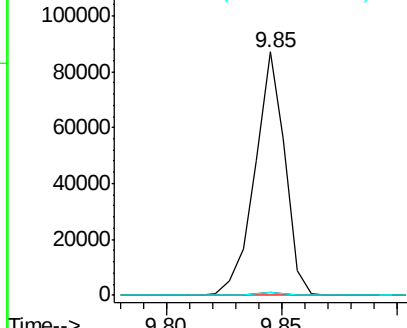
Acq: 4 Feb 2020 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	78785
Ion Ratio	Lower	Upper
165 100		
63 1.0	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: 6.289 ng

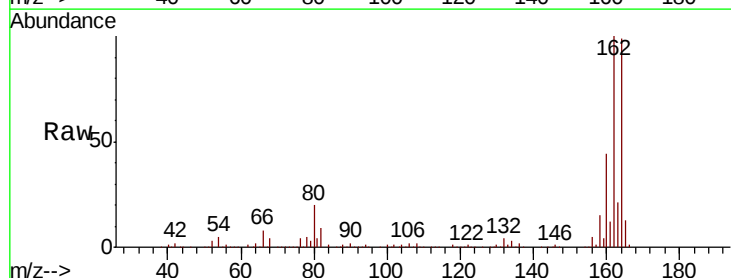
RT: 9.85 min Scan# 1319

Delta R.T. -0.20 min

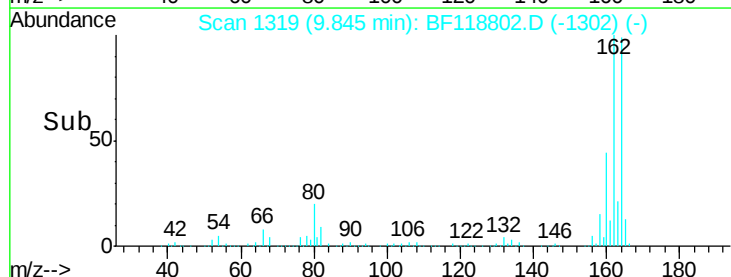
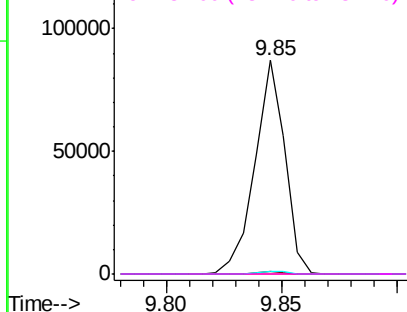
Lab File: BF118802.D

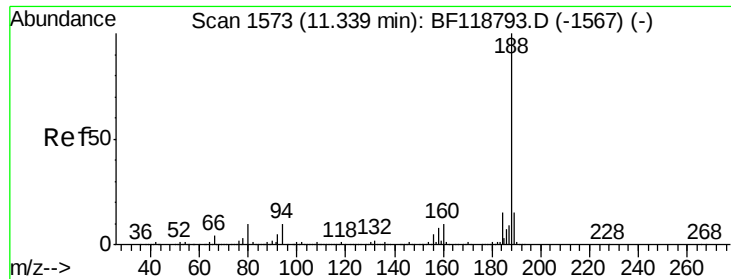
Acq: 4 Feb 2020 15:27

Tgt Ion:165	Resp:	78785
Ion Ratio	Lower	Upper
165 100		
63 1.0	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: BF118802.D

Acq: 4 Feb 2020 15:27

Instrument :

BNA_F

ClientSampleId :

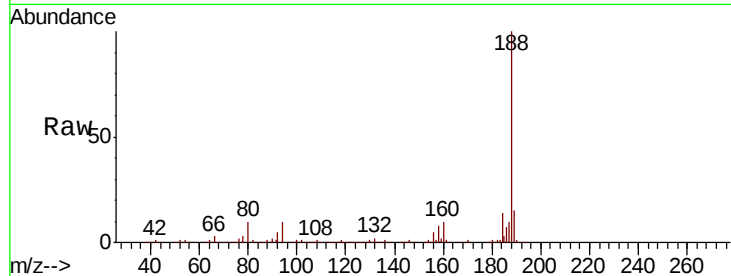
Tot Ion:188 Resp: 1176846

Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

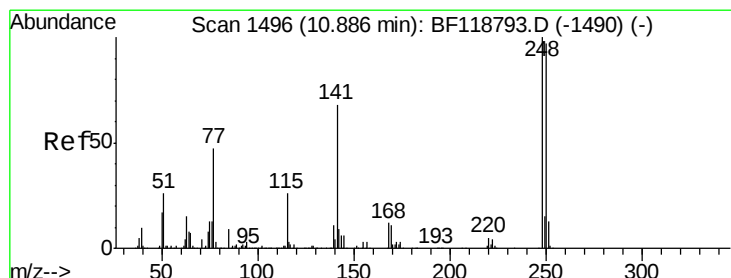
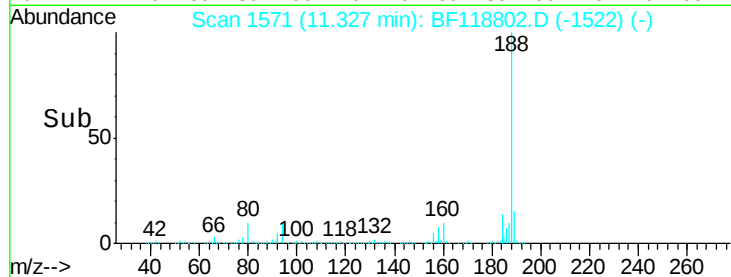
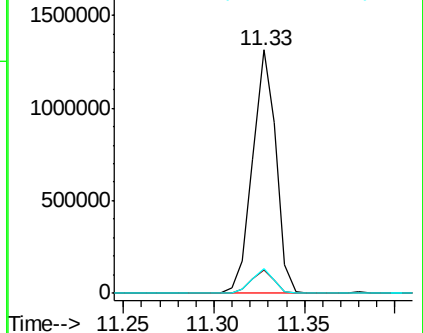
80 10.2 8.4 12.6



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: 4.589 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.25 min

Lab File: BF118802.D

Acq: 4 Feb 2020 15:27

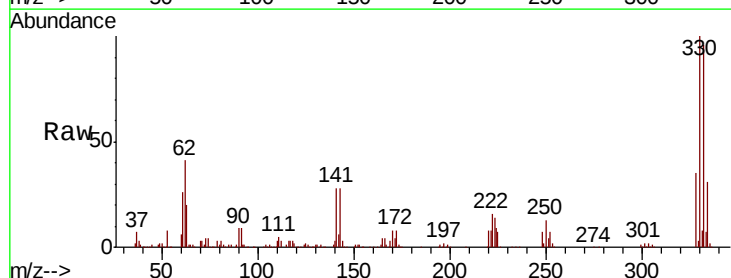
Tgt Ion:248 Resp: 63886

Ion Ratio Lower Upper

248 100

250 197.2 77.6 116.4#

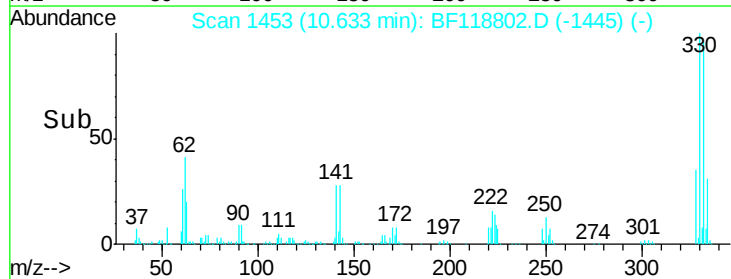
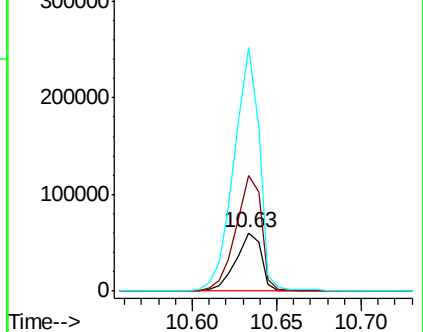
141 416.4 54.4 81.6#

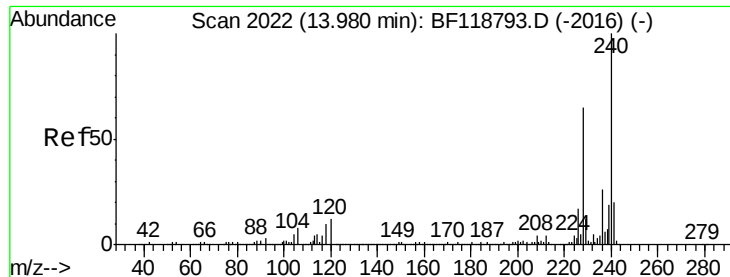


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF118802.D

Acq: 4 Feb 2020 15:27

Instrument :

BNA_F

ClientSampled :

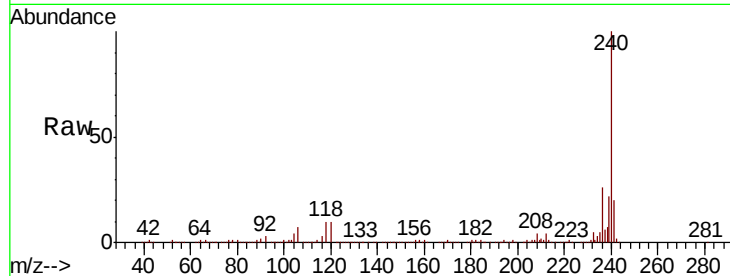
Tot Ion:240 Resp: 979163

Ion Ratio Lower Upper

240 100

120 10.3 9.4 14.0

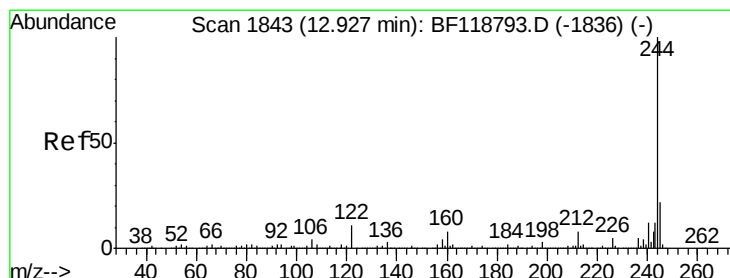
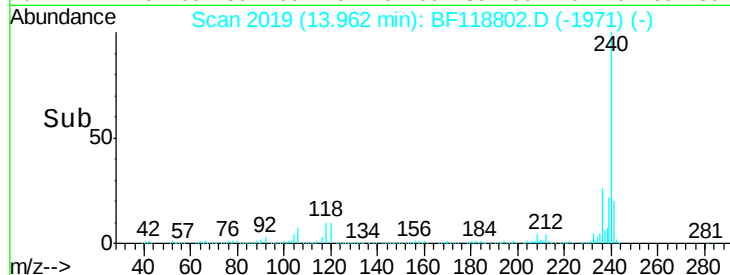
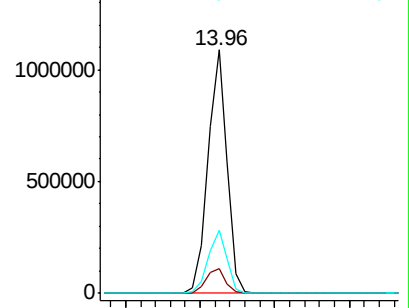
236 26.0 21.0 31.6



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: 87.229 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF118802.D

Acq: 4 Feb 2020 15:27

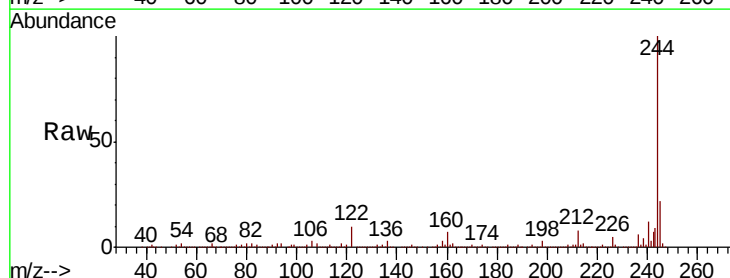
Tgt Ion:244 Resp: 4158223

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

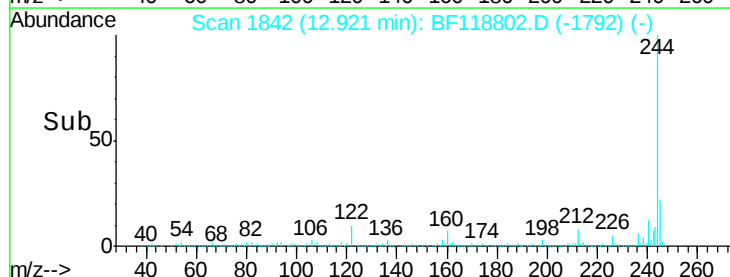
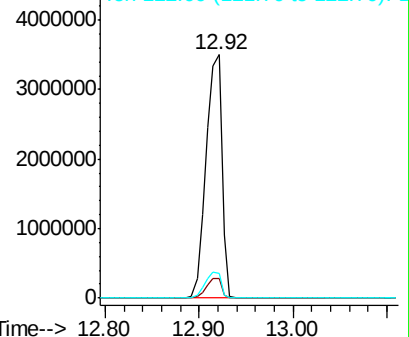
122 10.0 8.9 13.3

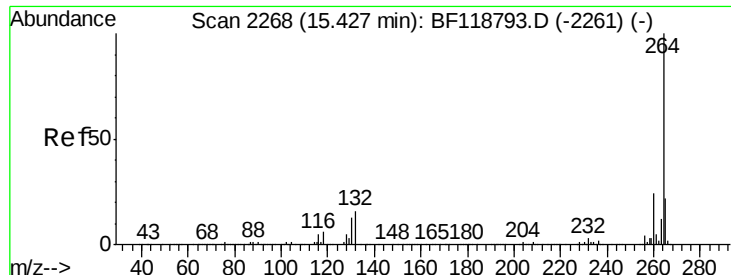


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

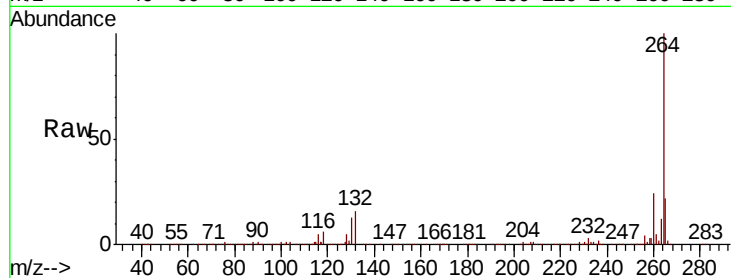




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2264
 Delta R.T. -0.02 min
 Lab File: BF118802.D
 Acq: 4 Feb 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	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

