

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119898.D
 Acq On : 10 Apr 2020 16:51
 Operator : MA/SJ
 Sample : L2201-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 01:21:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

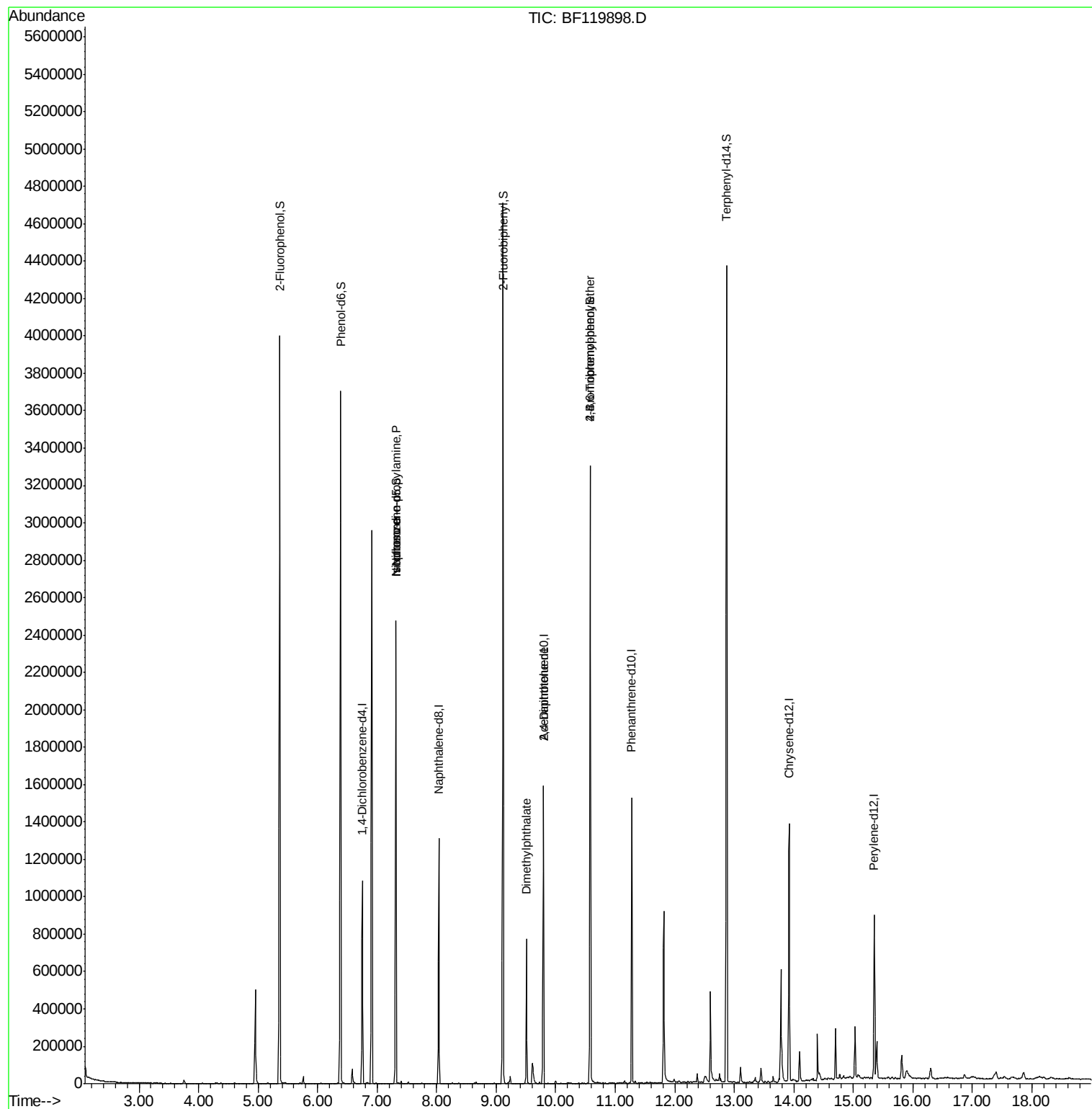
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	151201	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	578930	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	309719	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	605809	20.00	ng	0.00
76) Chrysene-d12	13.92	240	476415	20.00	ng	0.00
87) Perylene-d12	15.35	264	401581	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1034433	118.23	ng	0.00
7) Phenol-d6	6.39	99	1332738	118.22	ng	0.00
23) Nitrobenzene-d5	7.32	82	793047	70.87	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	409561	108.01	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1516574	69.52	ng	0.00
79) Terphenyl-d14	12.87	244	1668783	58.94	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	1681	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.32	70	104129	14.364 ng	#	1
25) Isophorone	7.32	82	792693	36.746 ng	#	77
50) Dimethylphthalate	9.51	163	282657	11.799 ng	#	65
57) 2,4-Dinitrotoluene	9.79	165	39933	5.778 ng	#	99
67) 4-Bromophenyl-phenylether	10.58	248	24444	3.245 ng	#	23
					#	1

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

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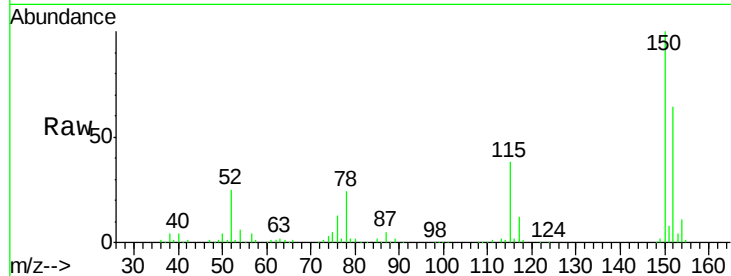


#1

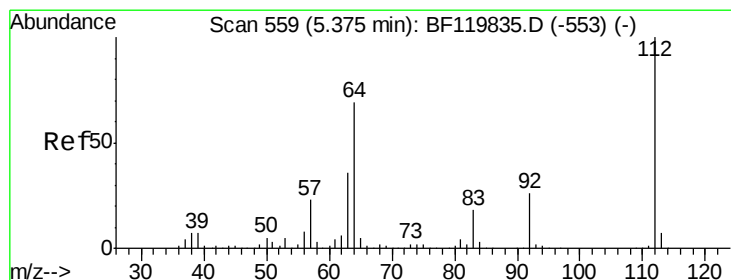
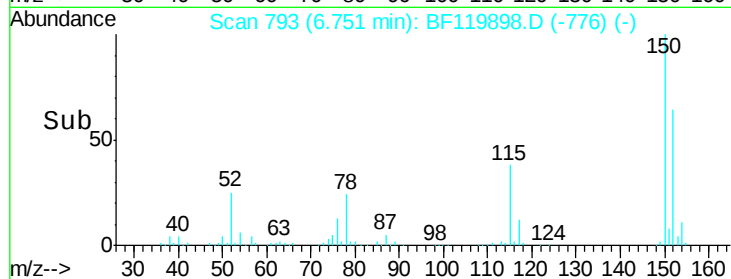
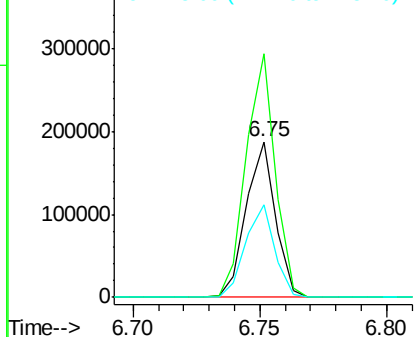
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF119898.D
Acq: 10 Apr 2020 16:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151201
Ion Ratio Lower Upper
152 100
150 156.2 124.8 187.2
115 59.1 46.5 69.7



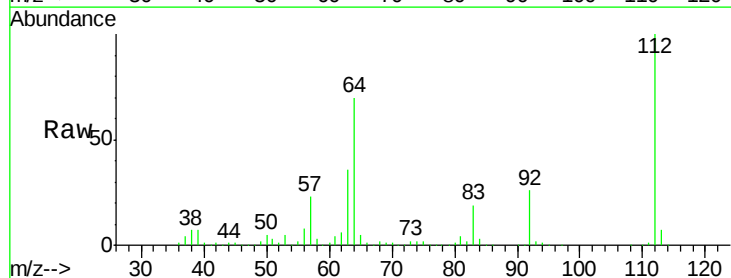
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



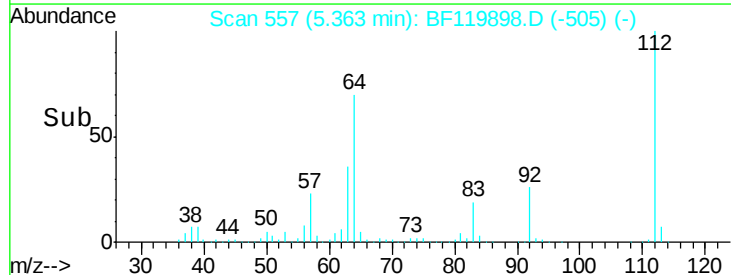
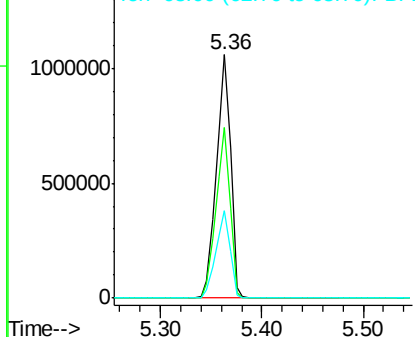
#5

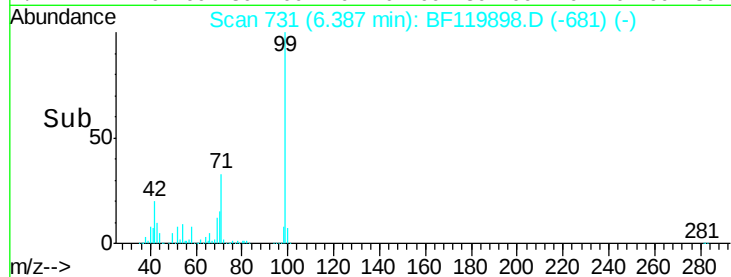
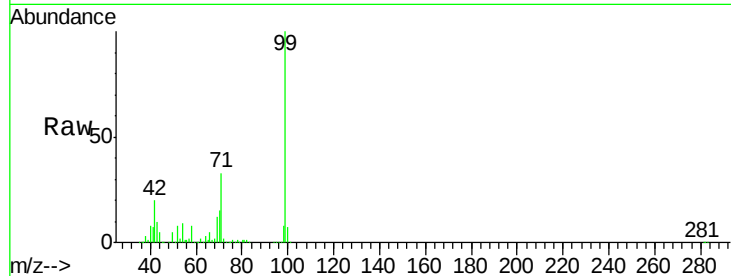
2-Fluorophenol
Concen: 118.233 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119898.D
Acq: 10 Apr 2020 16:51

Tgt Ion:112 Resp: 1034433
Ion Ratio Lower Upper
112 100
64 69.8 55.5 83.3
63 35.9 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 118.217 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF119898.D

Acq: 10 Apr 2020 16:51

Instrument :

BNA_F

ClientSampleId :

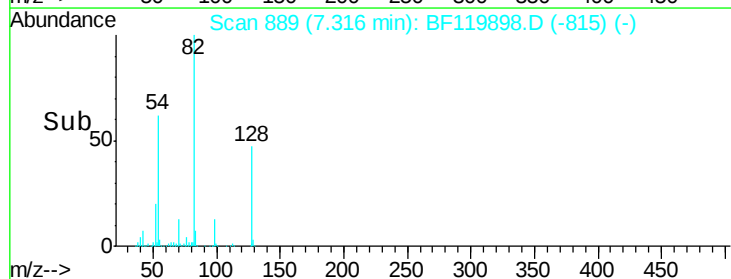
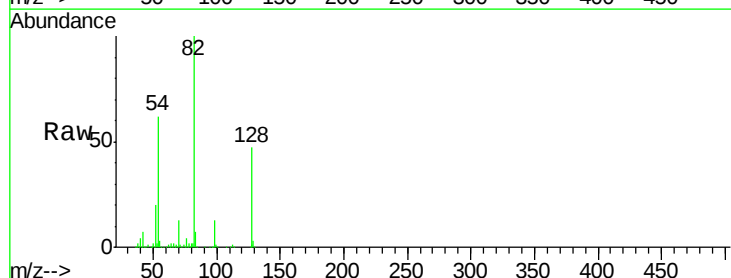
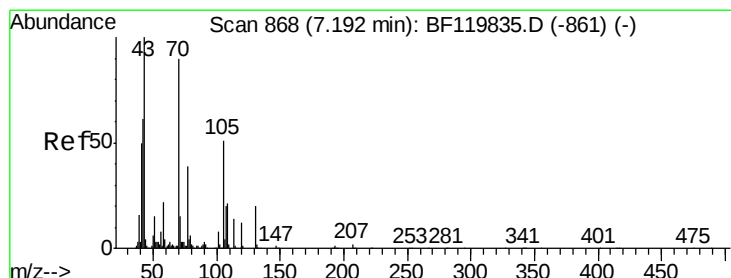
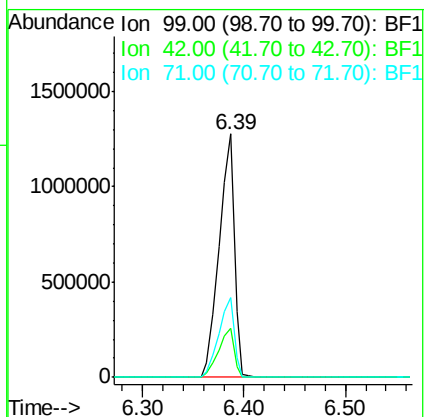
Tot Ion: 99 Resp: 1332738

Ion Ratio Lower Upper

99 100

42 19.9 16.9 25.3

71 33.0 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 14.364 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119898.D

Acq: 10 Apr 2020 16:51

Tgt Ion: 70 Resp: 104129

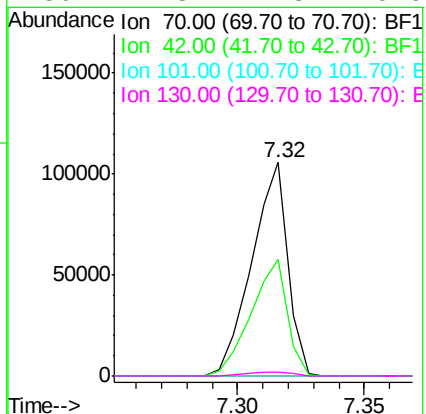
Ion Ratio Lower Upper

70 100

42 54.7 54.2 81.4

101 0.0 7.4 11.2#

130 1.8 17.8 26.6#

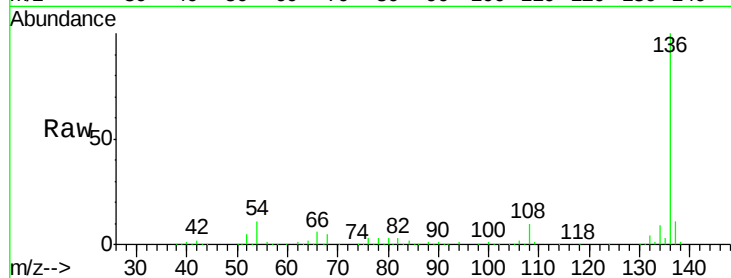




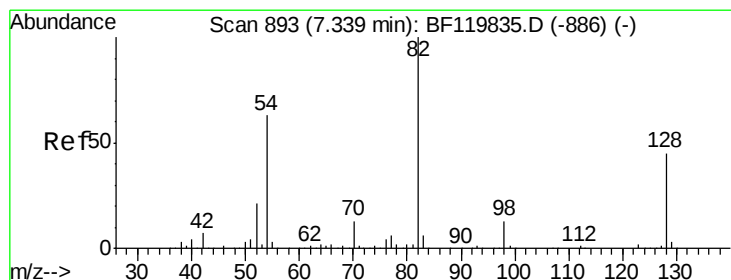
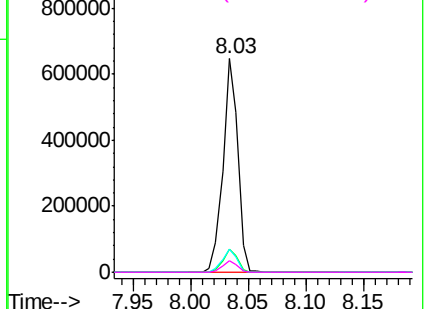
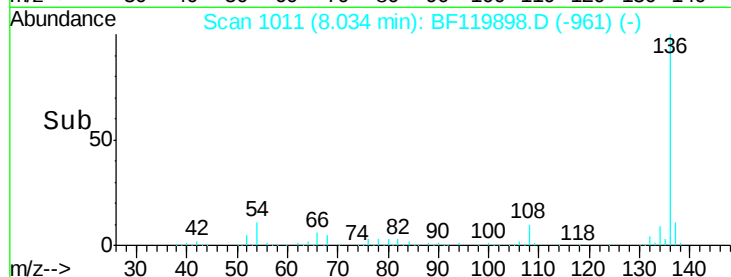
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119898.D
Acq: 10 Apr 2020 16:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	578930
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	10.6	8.5 12.7
68	5.4	3.9 5.9

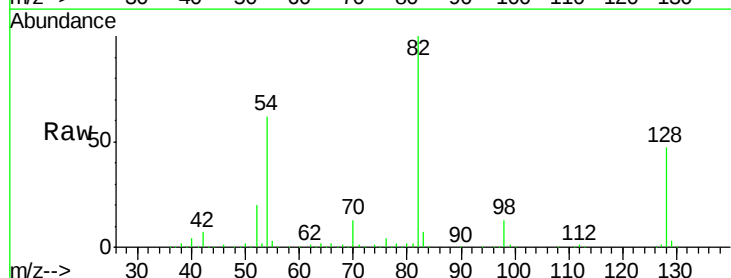


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

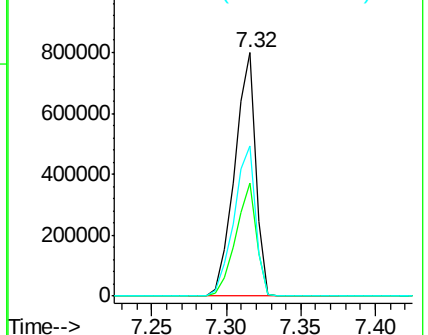
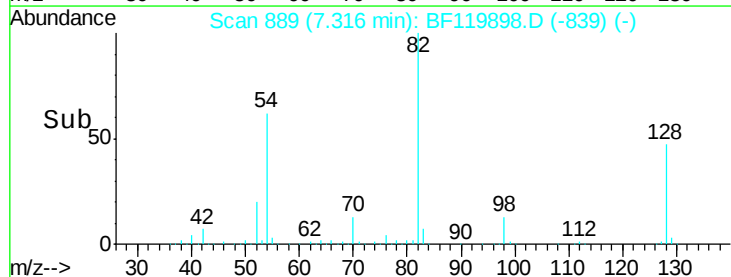


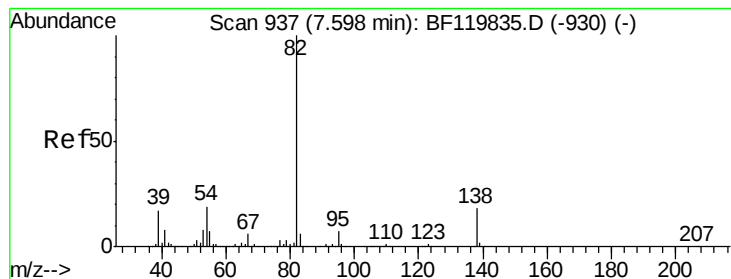
#23
Nitrobenzene-d5
Concen: 70.867 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119898.D
Acq: 10 Apr 2020 16:51

Tgt Ion: 82	Resp:	793047
Ion Ratio	Lower	Upper
82	100	
128	46.5	36.2 54.4
54	61.8	50.4 75.6



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: 36.746 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF119898.D

Acq: 10 Apr 2020 16:51

Instrument :

BNA_F

ClientSampleId :

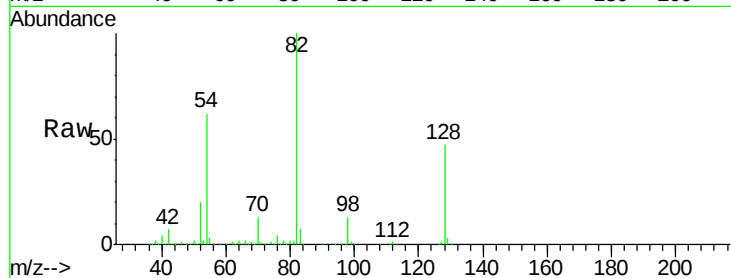
Tot Ion: 82 Resp: 792693

Ion Ratio Lower Upper

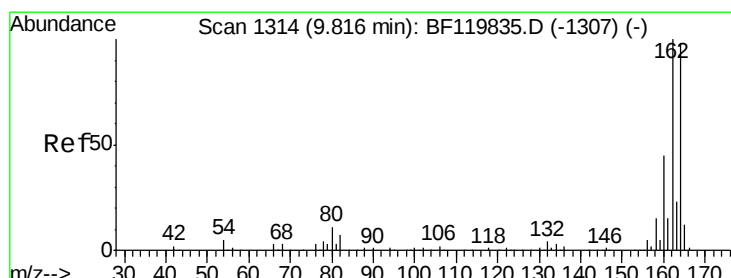
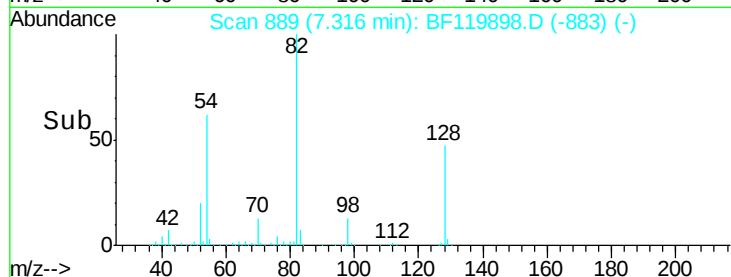
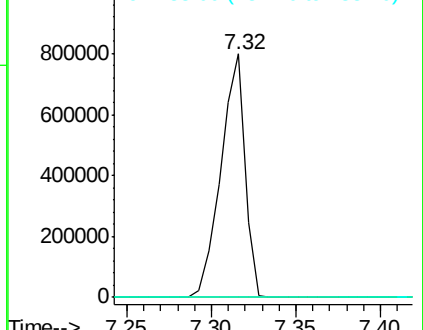
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF119898.D

Acq: 10 Apr 2020 16:51

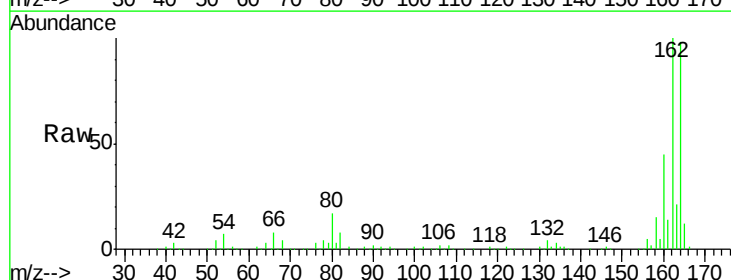
Tgt Ion: 164 Resp: 309719

Ion Ratio Lower Upper

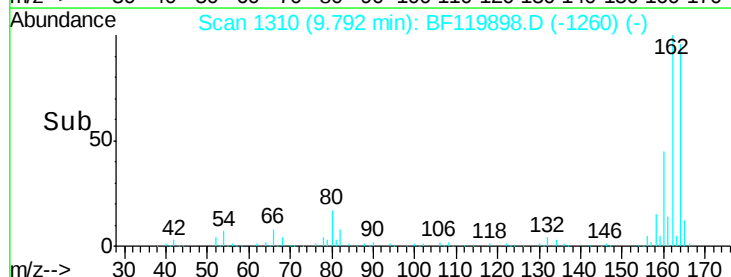
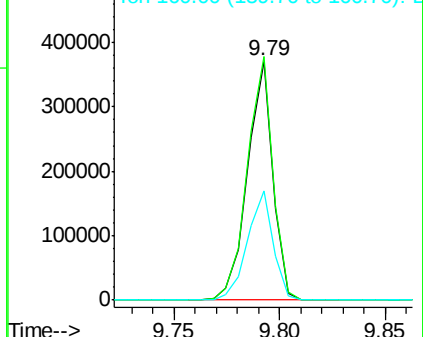
164 100

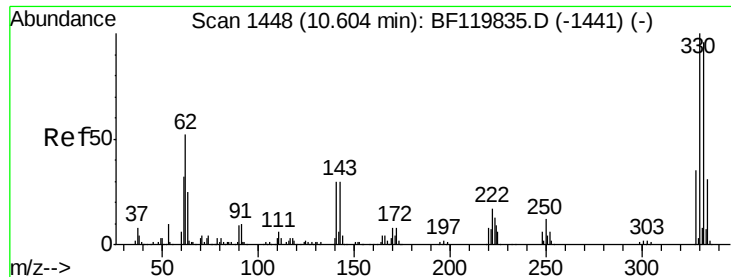
162 102.0 81.9 122.9

160 45.6 36.6 54.8



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

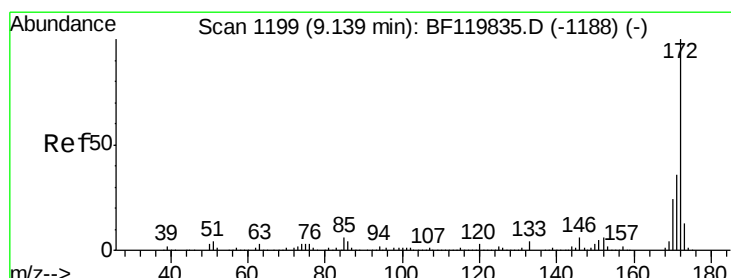
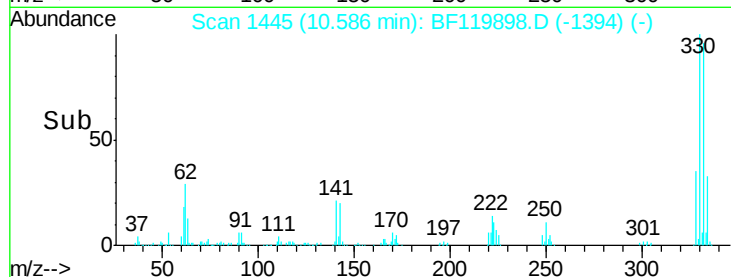
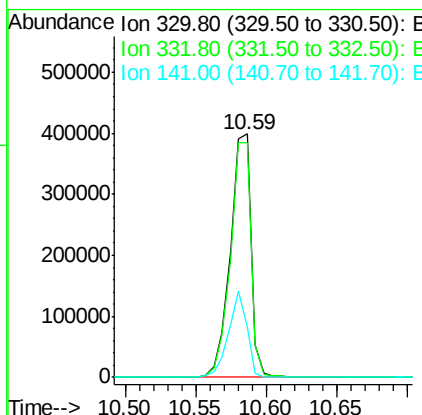
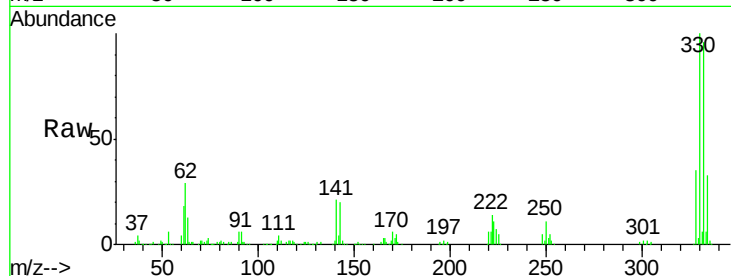




#42
 2,4,6-Tribromophenol
 Concen: 108.006 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: BF119898.D
 Acq: 10 Apr 2020 16:51

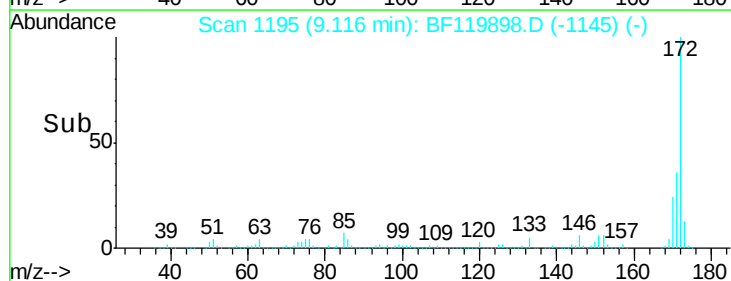
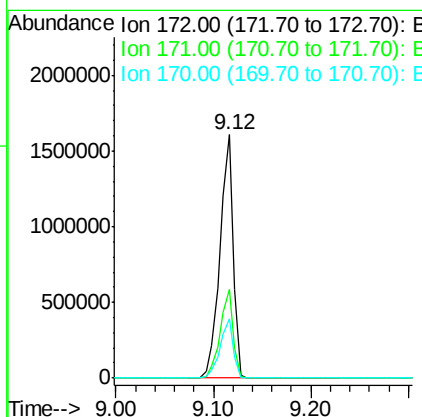
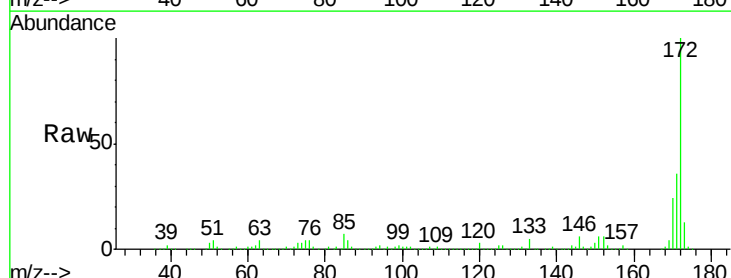
Instrument :
 BNA_F
 ClientSampleId :

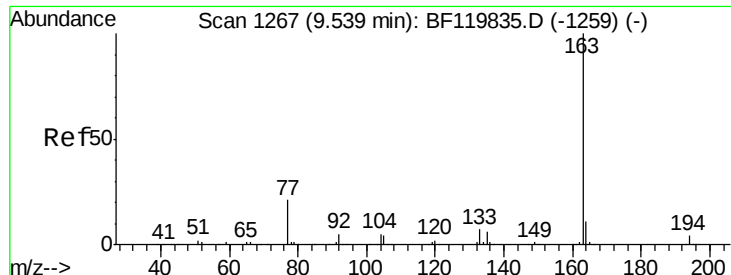
Tot Ion:330 Resp: 409561
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.8 115.2
 141 31.6 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 69.521 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF119898.D
 Acq: 10 Apr 2020 16:51

Tgt Ion:172 Resp: 1516574
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.2 19.4 29.2

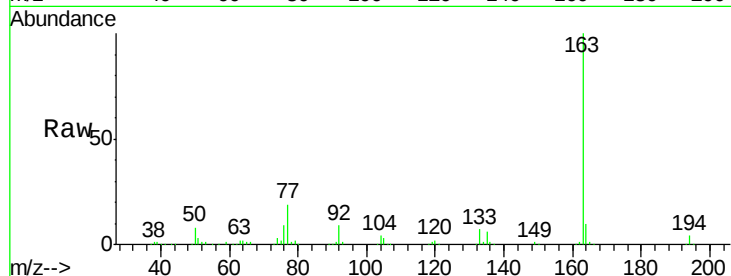




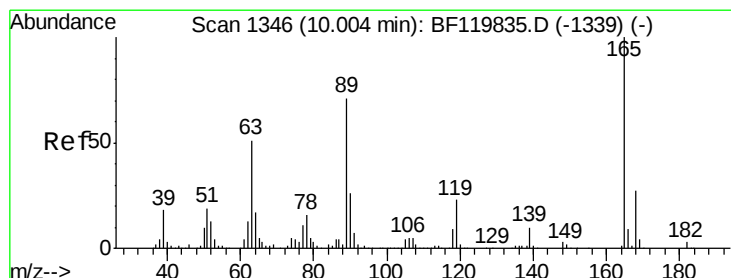
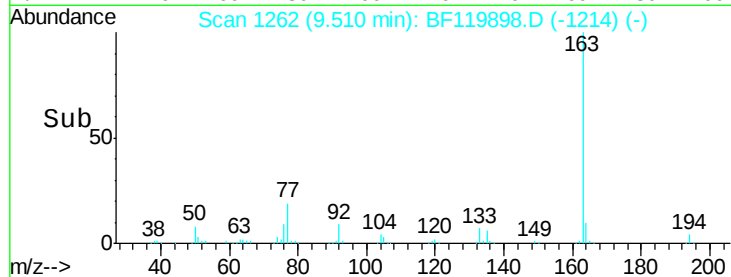
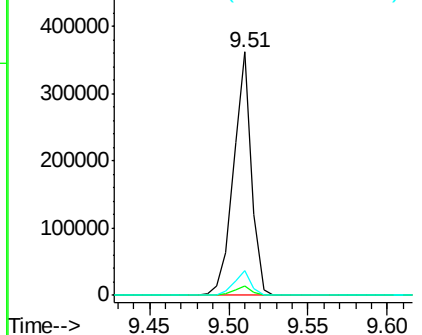
#50
Dimethylphthalate
Concen: 11.799 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF119898.D
Acq: 10 Apr 2020 16:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.3	8.4	12.6

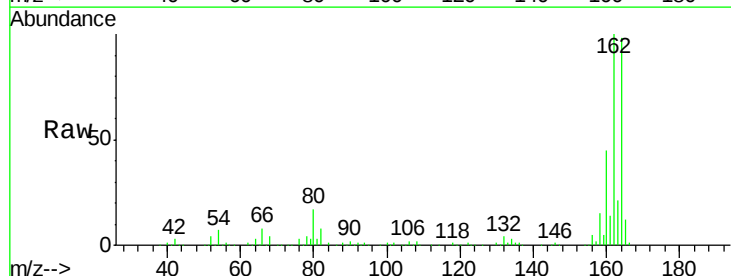


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

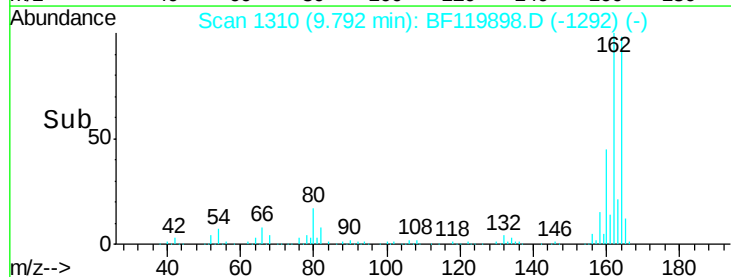
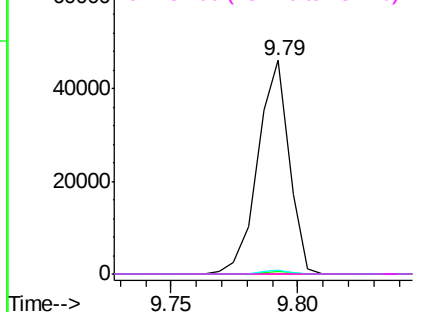


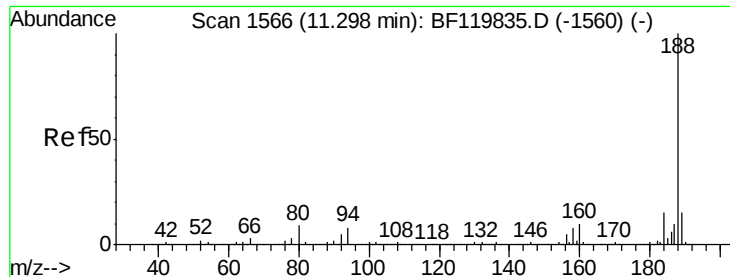
#57
2,4-Dinitrotoluene
Concen: 5.778 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF119898.D
Acq: 10 Apr 2020 16:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.8	61.2#
89	1.6	56.9	85.3#
182	0.0	2.0	3.0#



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

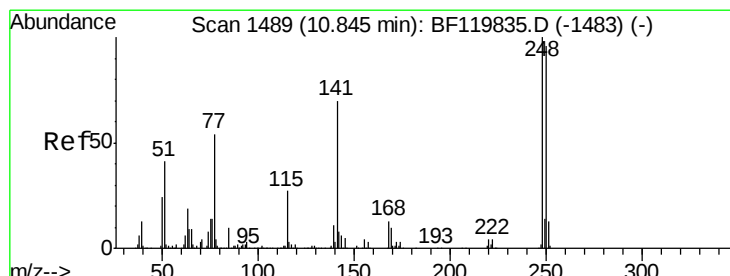
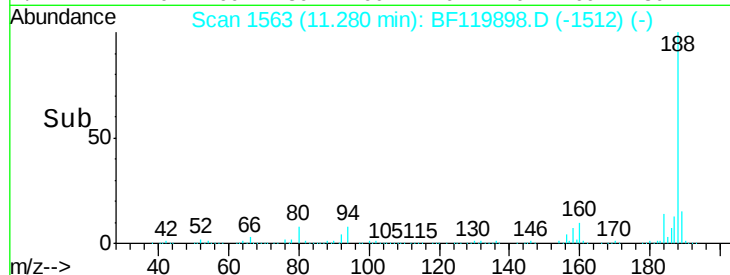
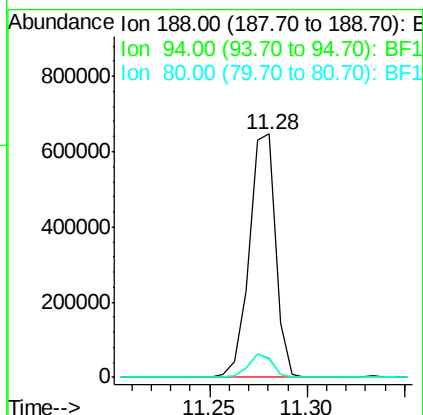
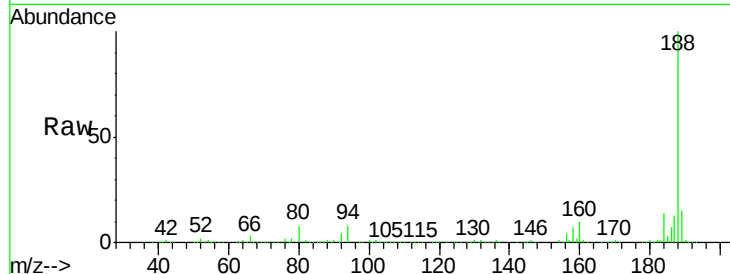




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF119898.D
 Acq: 10 Apr 2020 16:51

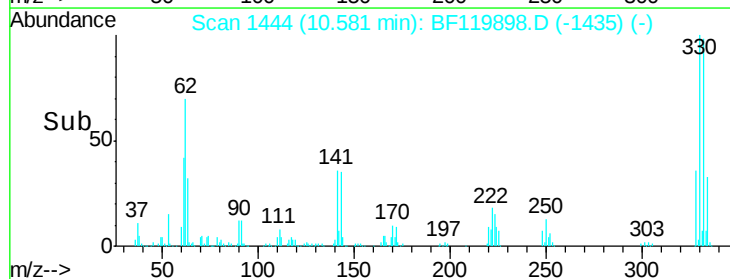
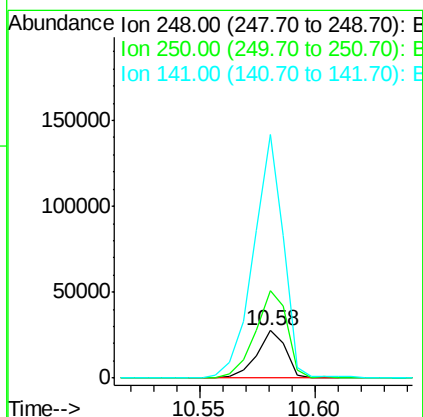
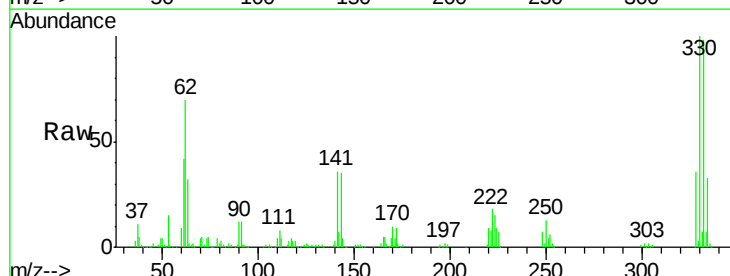
Instrument :
 BNA_F
 ClientSampleId :

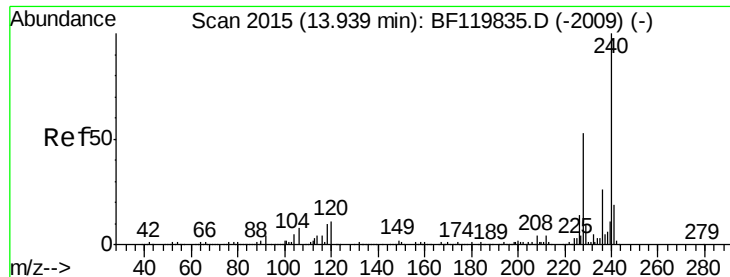
Tot Ion:188 Resp: 605809
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.7 10.1
 80 8.2 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.245 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.25 min
 Lab File: BF119898.D
 Acq: 10 Apr 2020 16:51

Tgt Ion:248 Resp: 24444
 Ion Ratio Lower Upper
 248 100
 250 185.2 76.6 114.8#
 141 515.1 55.9 83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF119898.D

Acq: 10 Apr 2020 16:51

Instrument :

BNA_F

ClientSampleId :

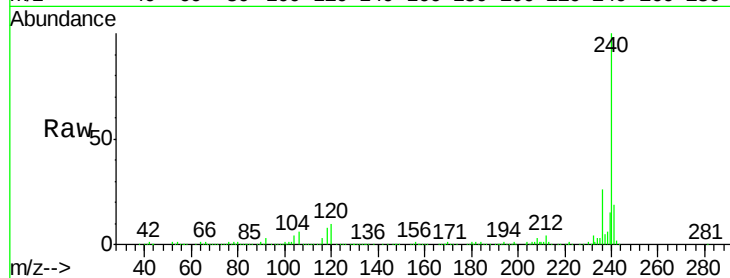
Tot Ion:240 Resp: 476415

Ion Ratio Lower Upper

240 100

120 9.8 9.0 13.6

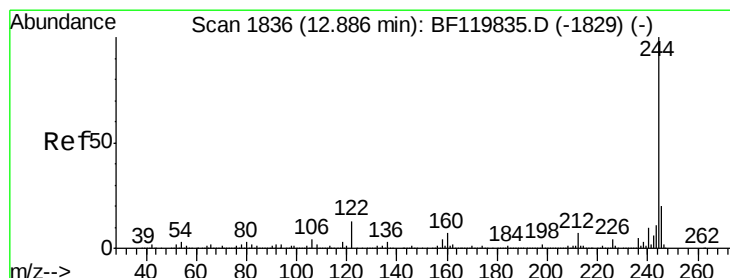
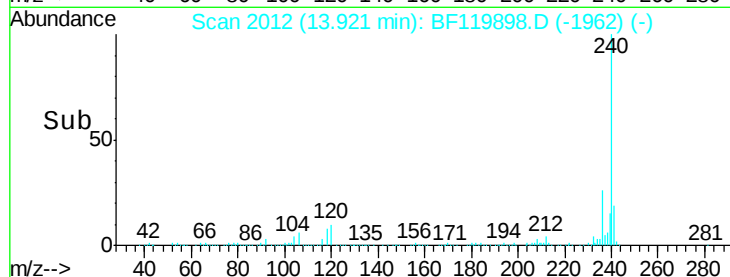
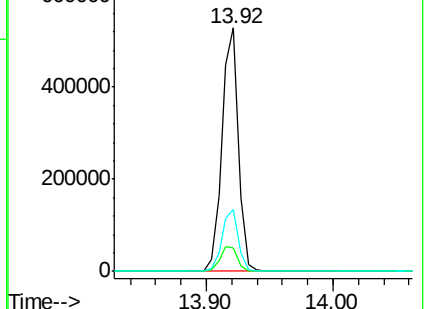
236 25.6 20.7 31.1



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: 58.940 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF119898.D

Acq: 10 Apr 2020 16:51

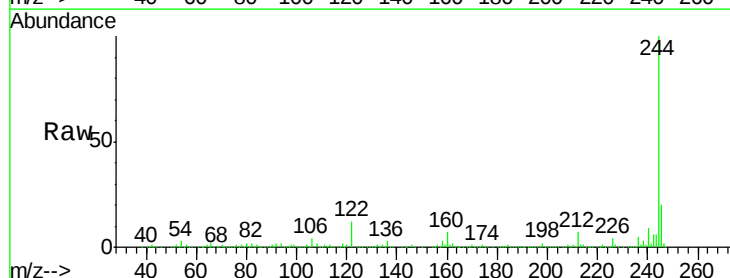
Tgt Ion:244 Resp: 1668783

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

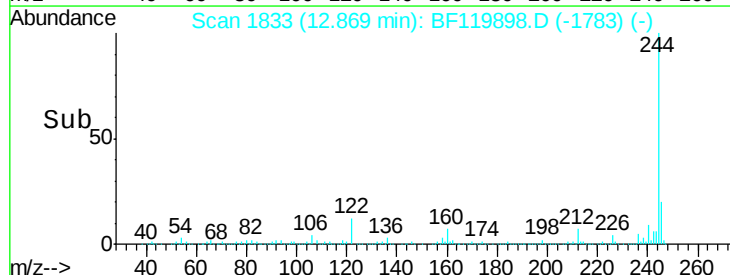
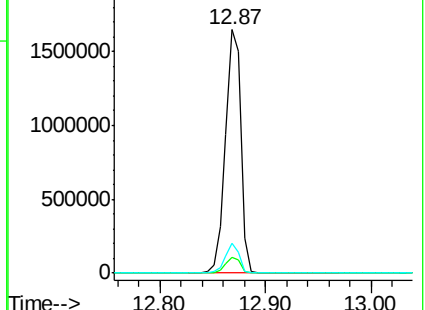
122 12.1 10.3 15.5

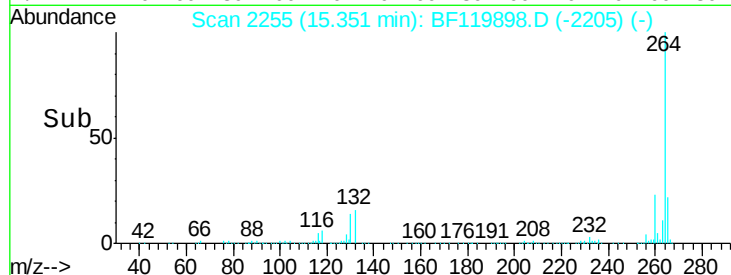
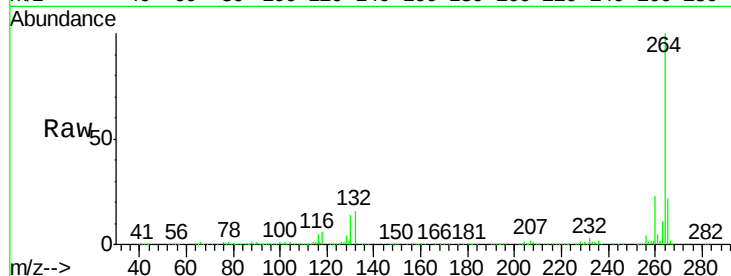
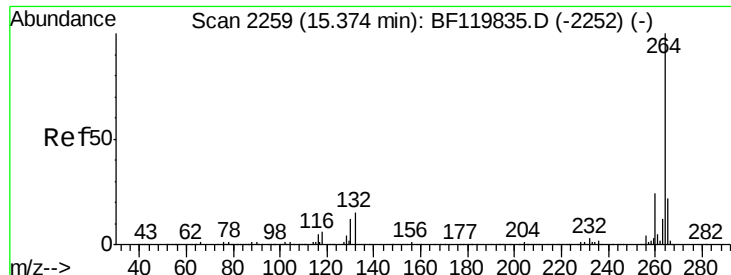


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.35 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BF119898.D
 Acq: 10 Apr 2020 16:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	401581
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.3	28.9
265	21.6	17.6	26.4

