

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041020\
 Data File : BF119892.D
 Acq On : 10 Apr 2020 14:09
 Operator : MA/SJ
 Sample : PB128092BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128092BL

Quant Time: Apr 10 14:39:34 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

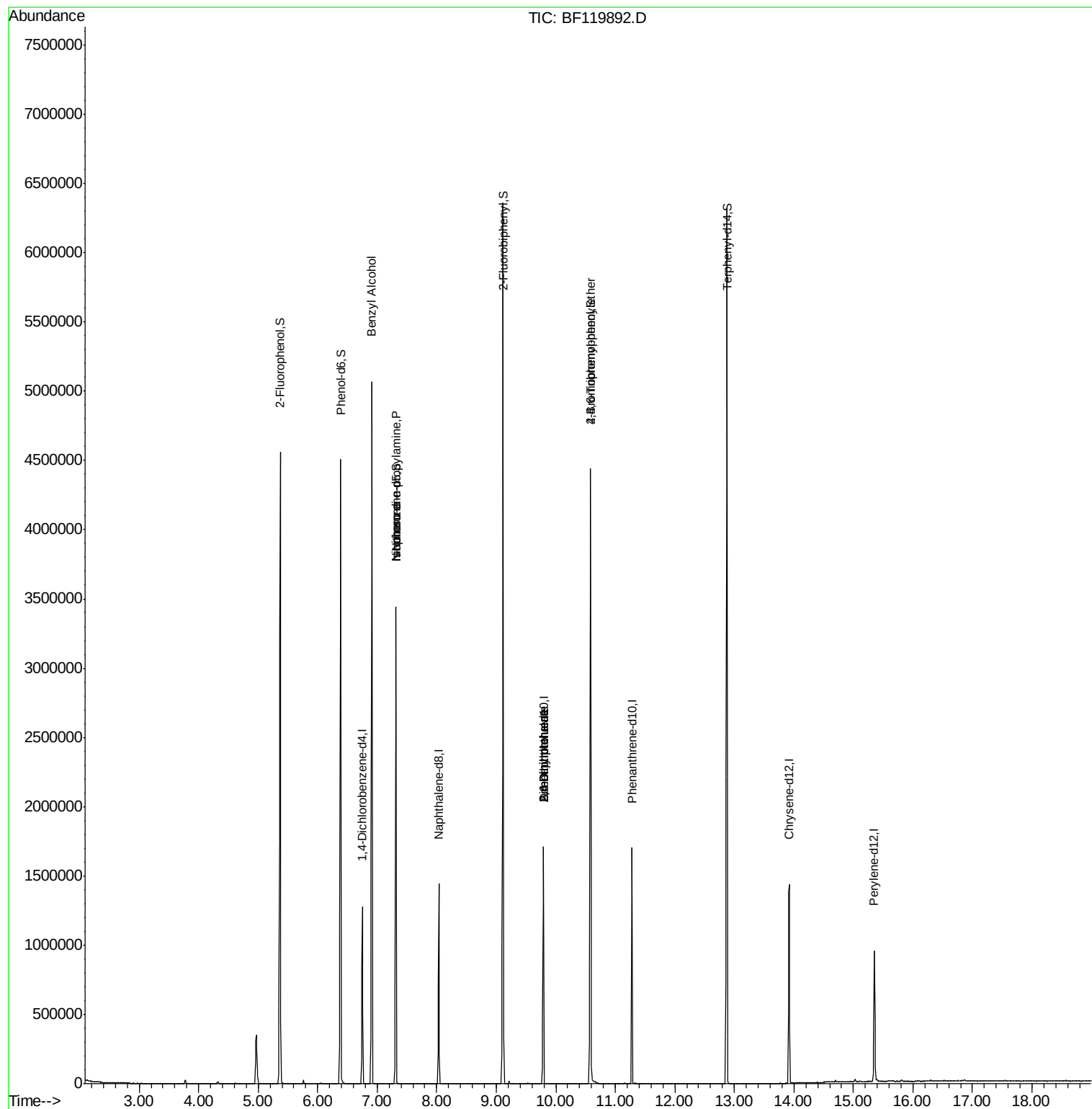
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	172111	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	668000	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	350143	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	618896	20.00	ng	0.00
76) Chrysene-d12	13.92	240	520486	20.00	ng	0.00
87) Perylene-d12	15.35	264	459542	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1406002	141.18	ng	0.02
7) Phenol-d6	6.39	99	1985195	154.70	ng	0.00
23) Nitrobenzene-d5	7.32	82	1245783	96.48	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	604465	141.00	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2346034	95.13	ng	0.00
79) Terphenyl-d14	12.87	244	2622944	84.80	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	142	Below Cal	Qvalue	# 1
15) Benzyl Alcohol	6.91	79	19973	2.004 ng	#	48
19) n-Nitroso-di-n-propylamine	7.32	70	166978	20.235 ng	#	75
25) Isophorone	7.32	82	1245171	50.025 ng	#	65
50) Dimethylphthalate	9.79	163	76406	2.821 ng	#	1
51) 2,6-Dinitrotoluene	9.79	165	44153	7.445 ng	#	19
57) 2,4-Dinitrotoluene	9.79	165	44153	5.651 ng	#	22
67) 4-Bromophenyl-phenylether	10.59	248	37300	4.846 ng	#	1

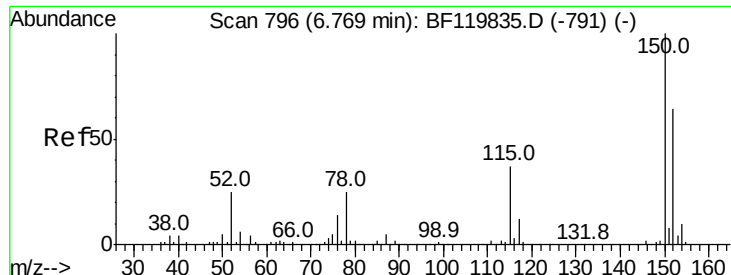
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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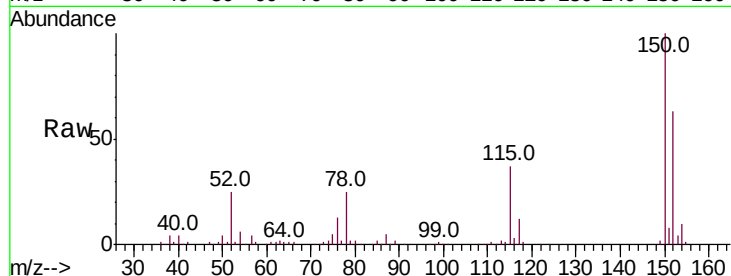


#1

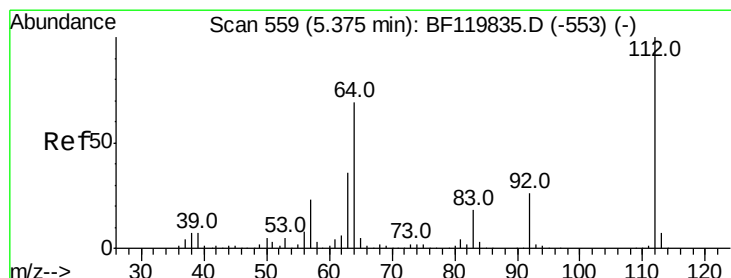
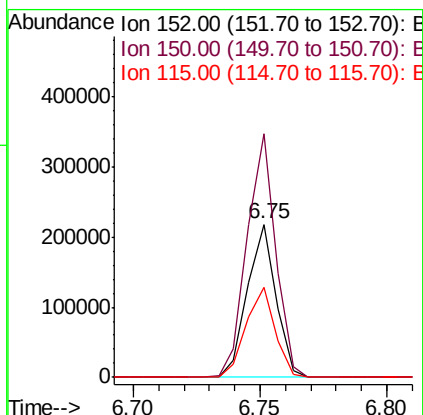
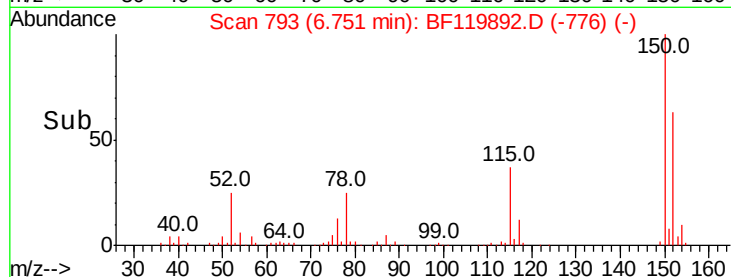
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF119892.D
 Acq: 10 Apr 2020 14:09

Instrument :
 BNA_N
 ClientSampleId :
 PB128092BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.8	187.2
115	58.7	46.5	69.7



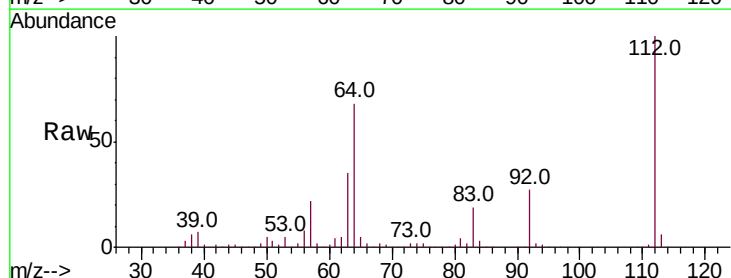
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



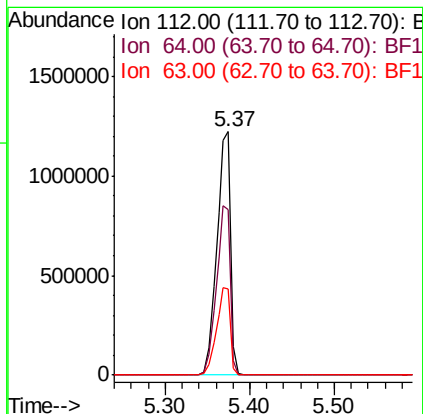
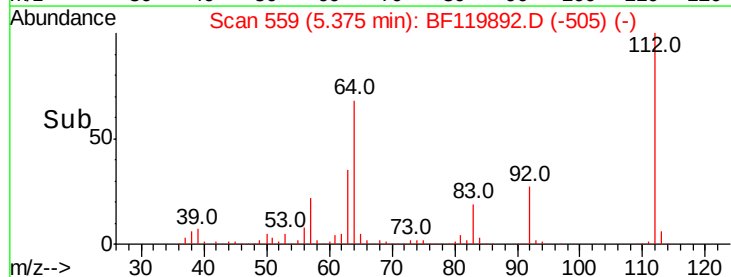
#5

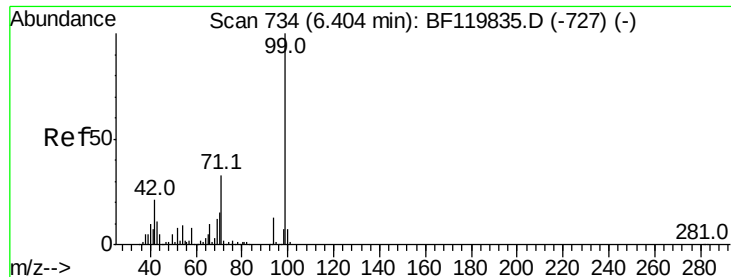
2-Fluorophenol
 Concen: 141.178 ng
 RT: 5.37 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: BF119892.D
 Acq: 10 Apr 2020 14:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	55.5	83.3
63	35.4	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: 154.698 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF119892.D

Acq: 10 Apr 2020 14:09

Instrument :

BNA_N

ClientSampleId :

PB128092BL

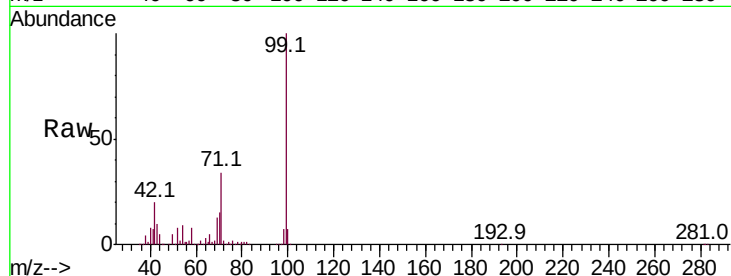
Tot Ion: 99 Resp: 1985195

Ion Ratio Lower Upper

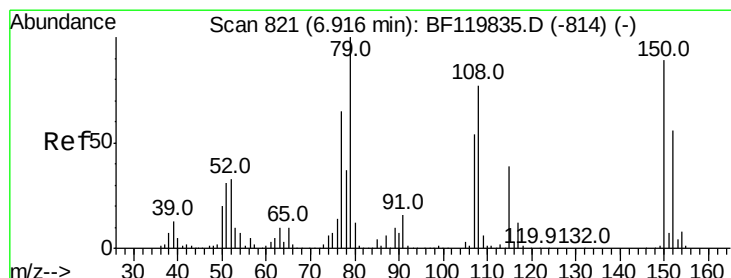
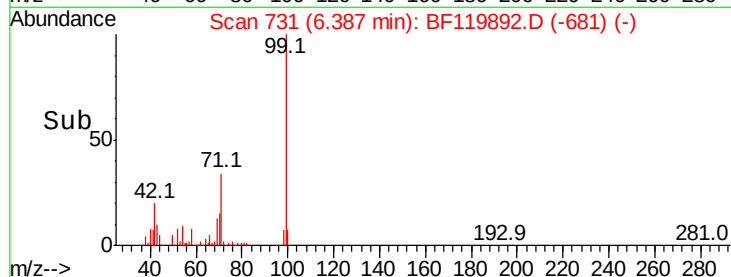
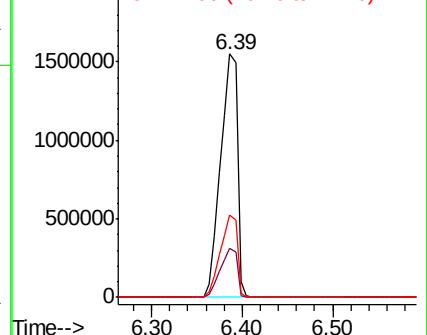
99 100

42 20.1 16.9 25.3

71 33.9 26.3 39.5



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



#15

Benzyl Alcohol

Concen: 2.004 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF119892.D

Acq: 10 Apr 2020 14:09

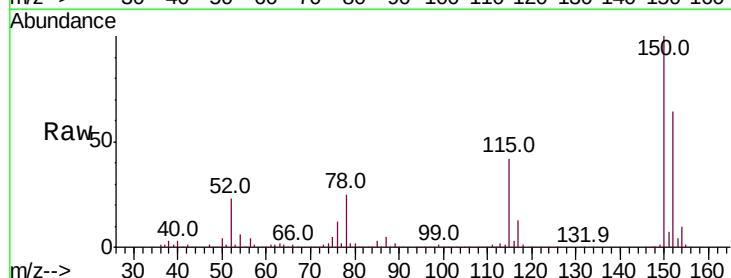
Tgt Ion: 79 Resp: 19973

Ion Ratio Lower Upper

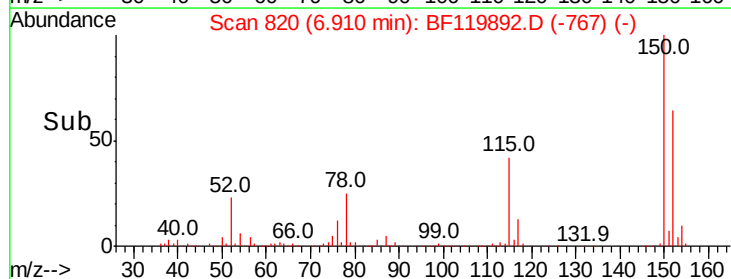
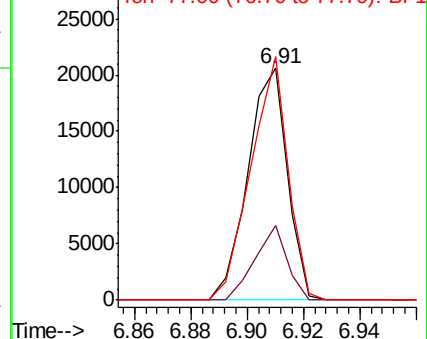
79 100

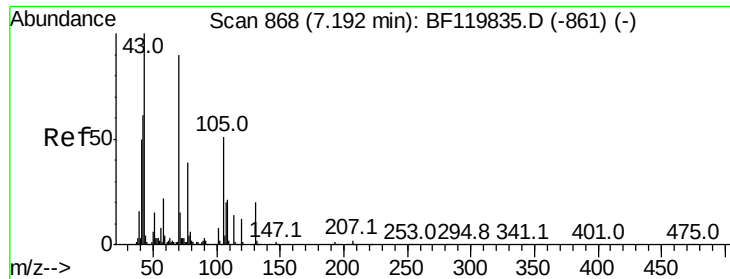
108 31.9 62.0 93.0#

77 105.1 51.8 77.6#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

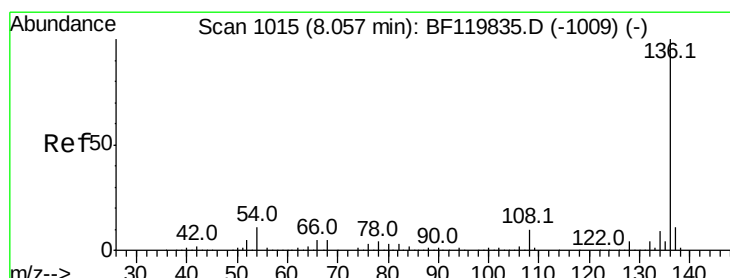
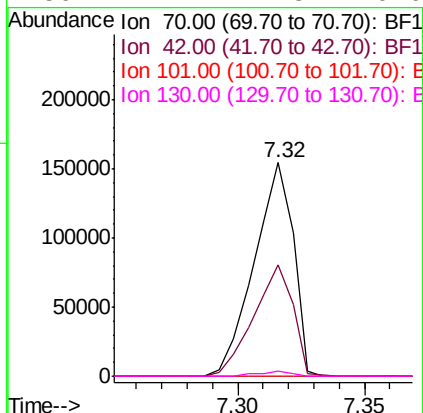
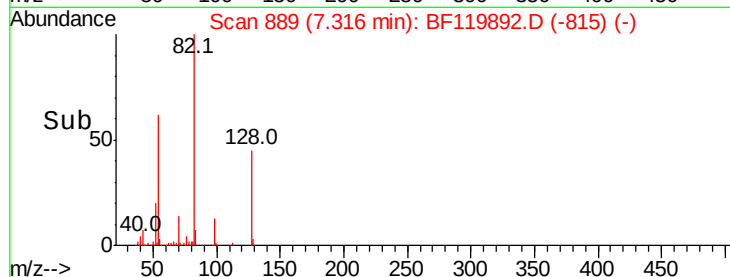
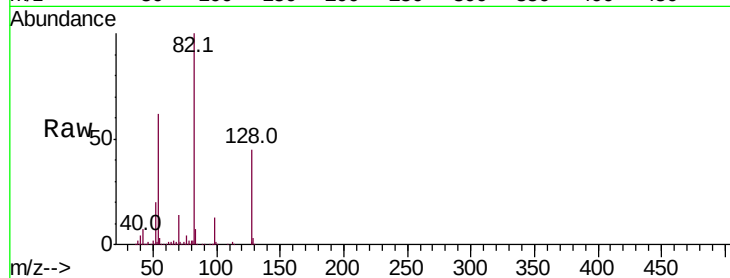




#19
n-Nitroso-di-n-propylamine
Concen: 20.235 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF119892.D
Acq: 10 Apr 2020 14:09

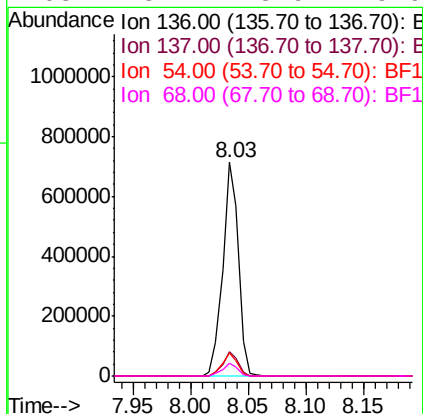
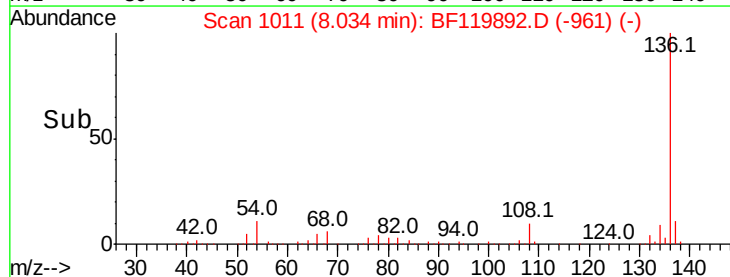
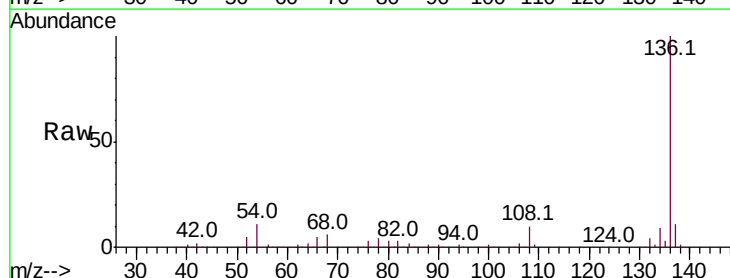
Instrument :
BNA_N
ClientSampleId :
PB128092BL

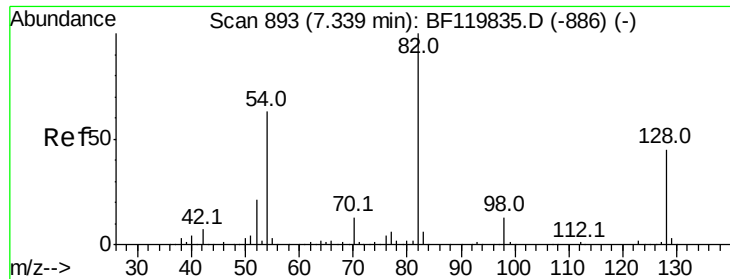
Tot Ion: 70 Resp: 166978
Ion Ratio Lower Upper
70 100
42 52.1 54.2 81.4#
101 0.0 7.4 11.2#
130 2.4 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119892.D
Acq: 10 Apr 2020 14:09

Tgt Ion: 136 Resp: 668000
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 10.6 8.5 12.7
68 5.7 3.9 5.9





#23

Nitrobenzene-d5

Concen: 96.480 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119892.D

Acq: 10 Apr 2020 14:09

Instrument :

BNA_N

ClientSampleId :

PB128092BL

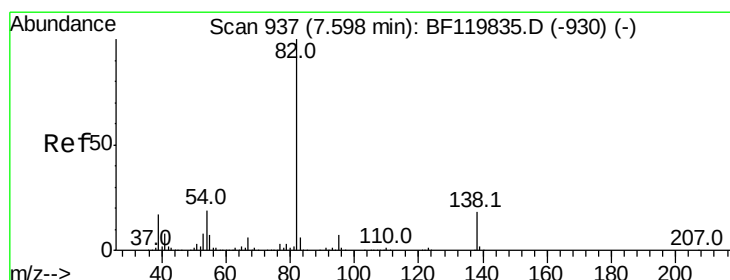
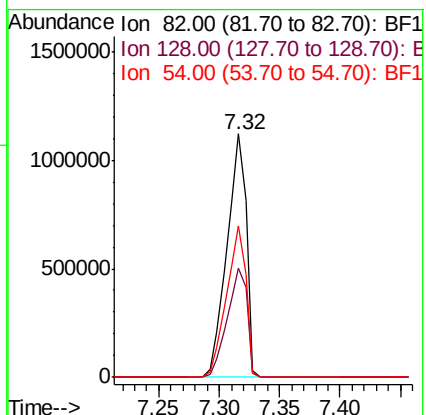
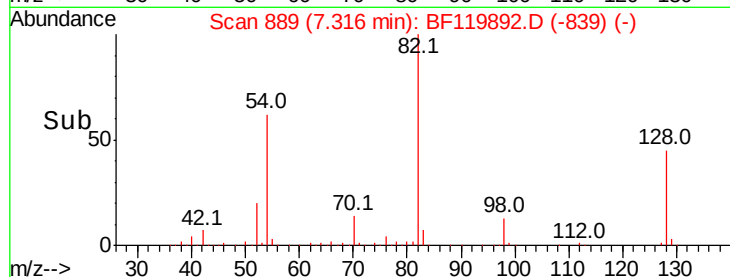
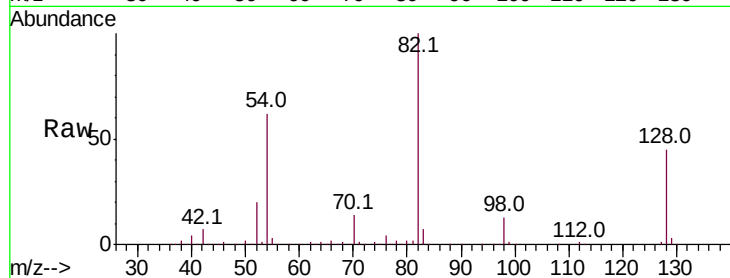
Tot Ion: 82 Resp: 1245783

Ion Ratio Lower Upper

82 100

128 44.6 36.2 54.4

54 62.1 50.4 75.6



#25

Isophorone

Concen: 50.025 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF119892.D

Acq: 10 Apr 2020 14:09

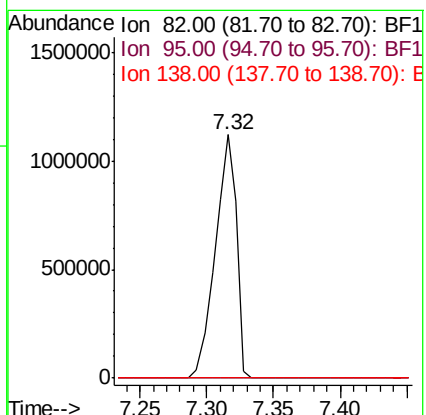
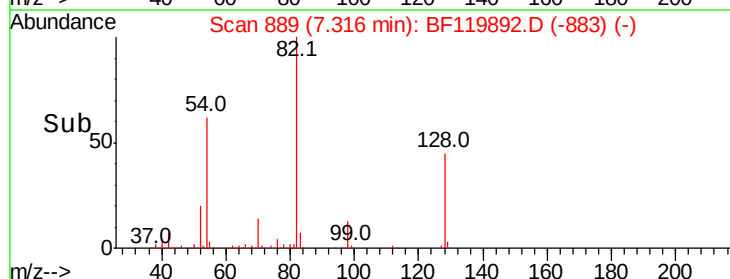
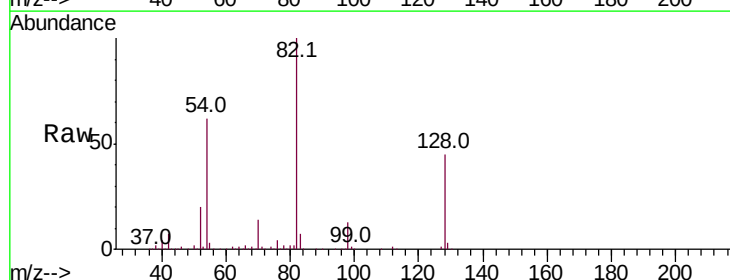
Tgt Ion: 82 Resp: 1245171

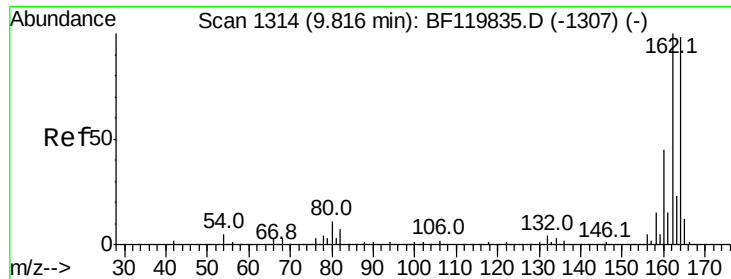
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF119892.D

Acq: 10 Apr 2020 14:09

Instrument :

BNA_N

ClientSampled :

PB128092BL

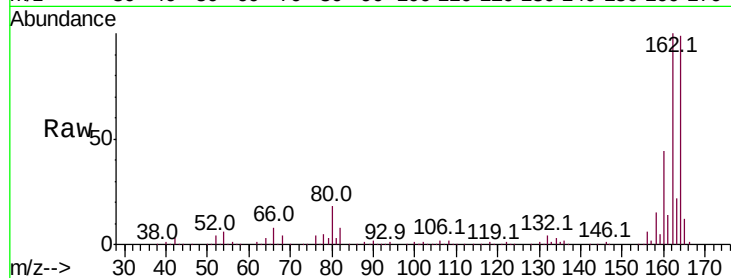
Tot Ion:164 Resp: 350143

Ion Ratio Lower Upper

164 100

162 101.2 81.9 122.9

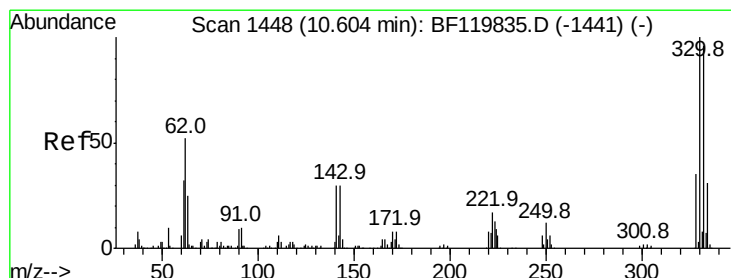
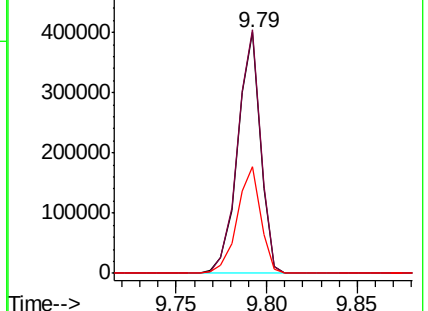
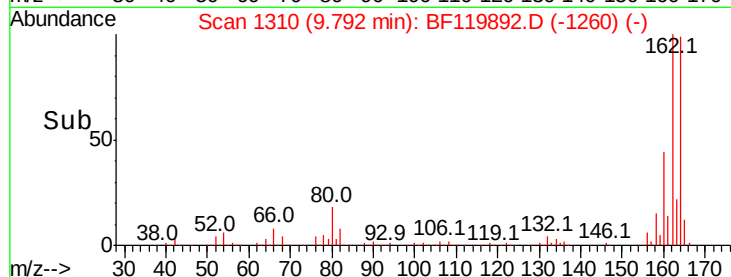
160 44.3 36.6 54.8



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: 141.002 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF119892.D

Acq: 10 Apr 2020 14:09

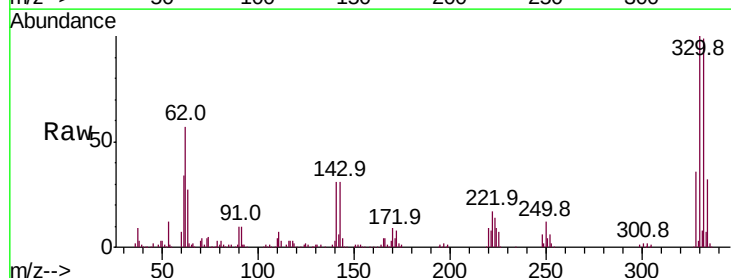
Tgt Ion:330 Resp: 604465

Ion Ratio Lower Upper

330 100

332 97.3 76.8 115.2

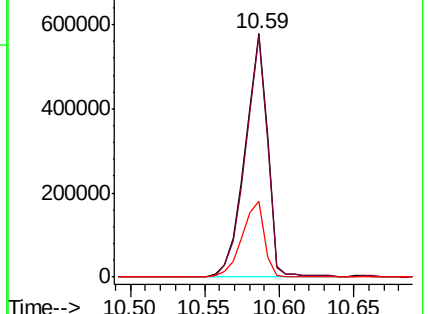
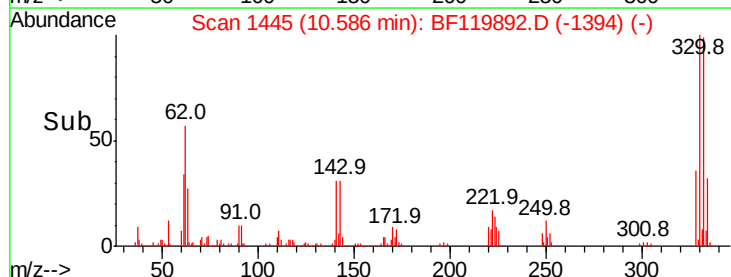
141 31.5 25.1 37.7

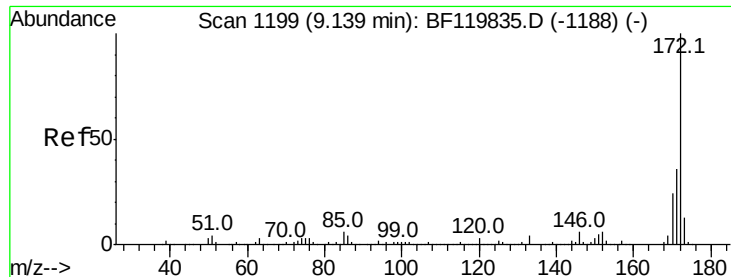


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

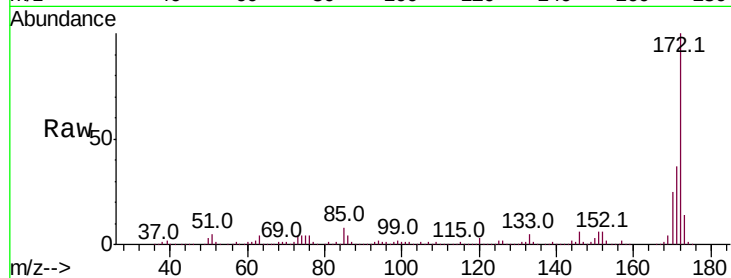




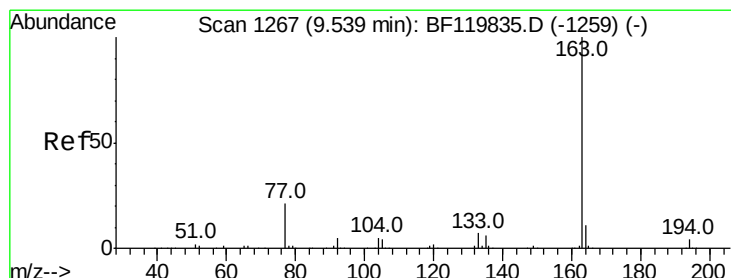
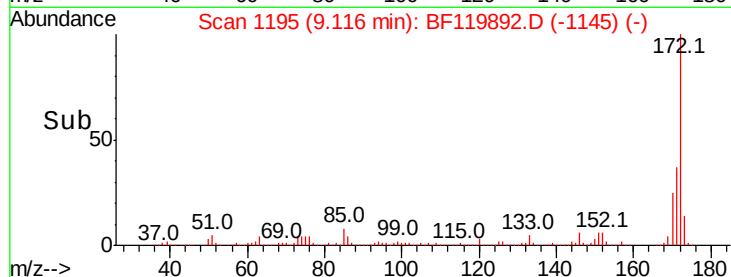
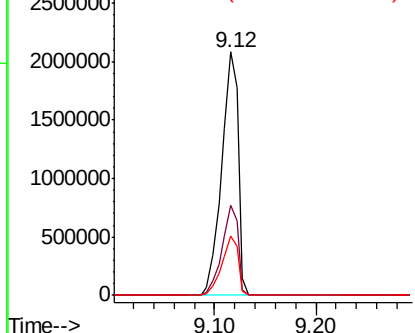
#45
2-Fluorobiphenyl
Concen: 95.128 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF119892.D
Acq: 10 Apr 2020 14:09

Instrument :
BNA_N
ClientSampleId :
PB128092BL

Tot Ion:172 Resp: 2346034
Ion Ratio Lower Upper
172 100
171 37.1 28.9 43.3
170 24.6 19.4 29.2

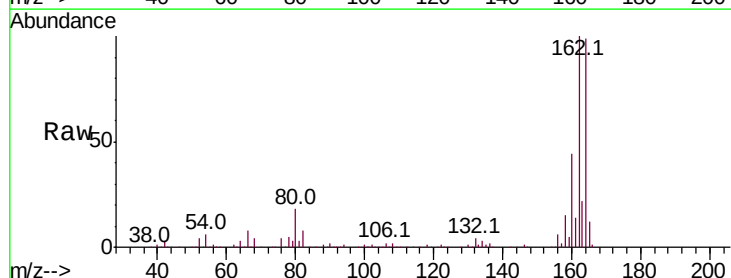


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

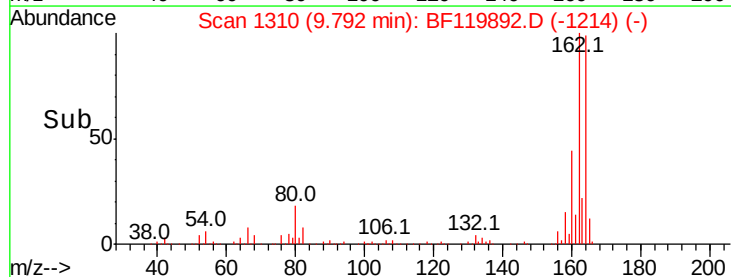
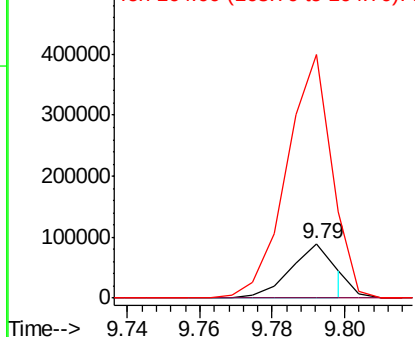


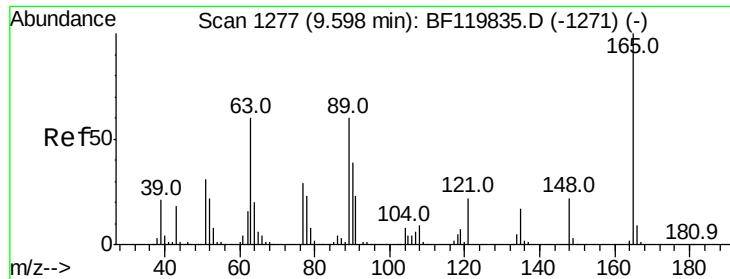
#50
Dimethylphthalate
Concen: 2.821 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.26 min
Lab File: BF119892.D
Acq: 10 Apr 2020 14:09

Tgt Ion:163 Resp: 76406
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 445.9 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





#51

2,6-Dinitrotoluene

Concen: 7.445 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.21 min

Lab File: BF119892.D

Acq: 10 Apr 2020 14:09

Instrument :

BNA_N

ClientSampleId :

PB128092BL

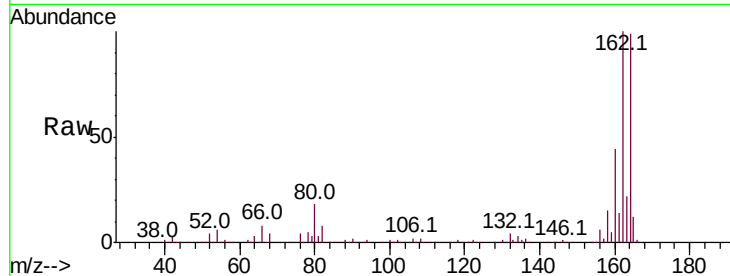
Tot Ion:165 Resp: 44153

Ion Ratio Lower Upper

165 100

63 1.0 55.6 83.4#

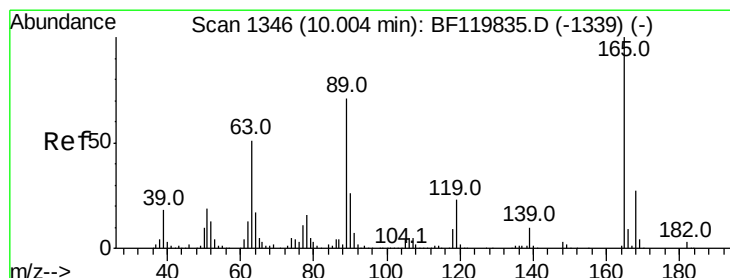
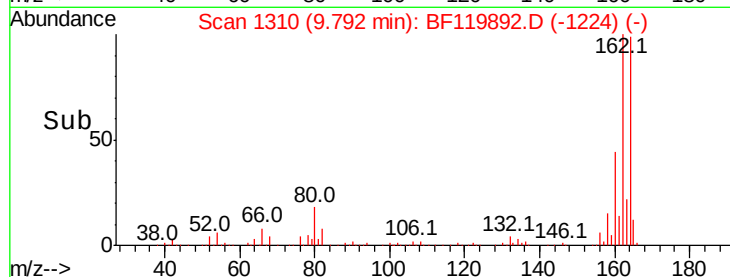
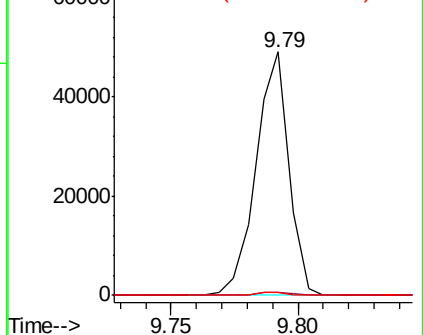
89 1.5 47.9 71.9#



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: 5.651 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.19 min

Lab File: BF119892.D

Acq: 10 Apr 2020 14:09

Tgt Ion:165 Resp: 44153

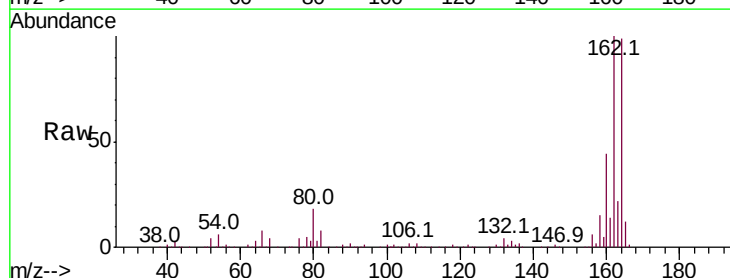
Ion Ratio Lower Upper

165 100

63 1.0 40.8 61.2#

89 1.5 56.9 85.3#

182 0.0 2.0 3.0#

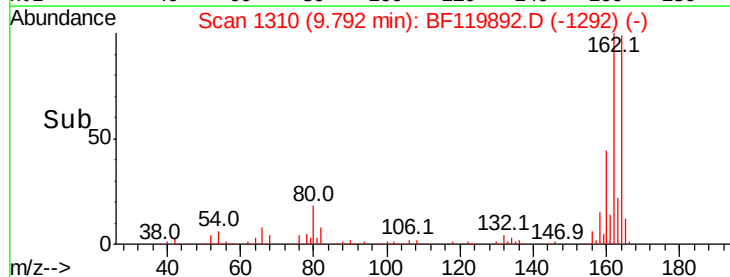
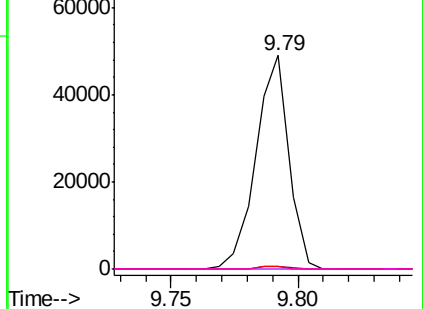


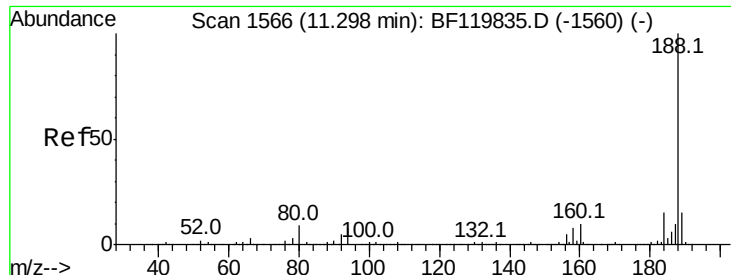
Abundance Ion 165.00 (164.70 to 165.70): E

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

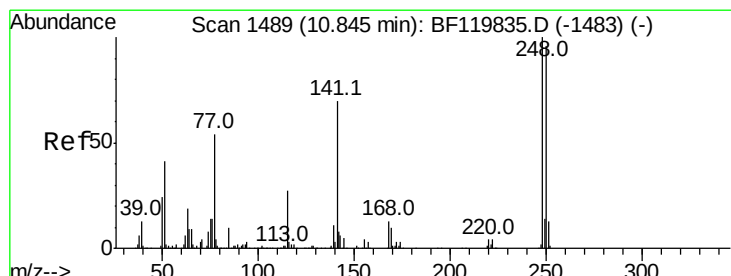
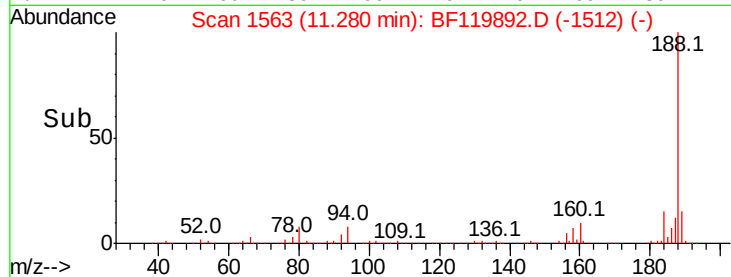
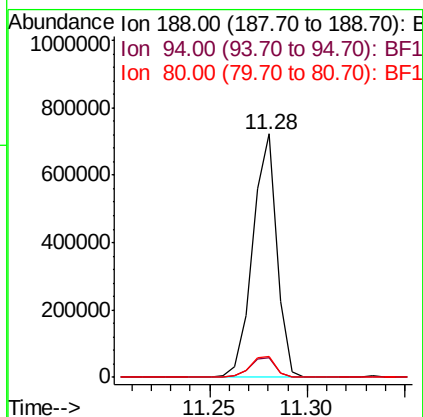
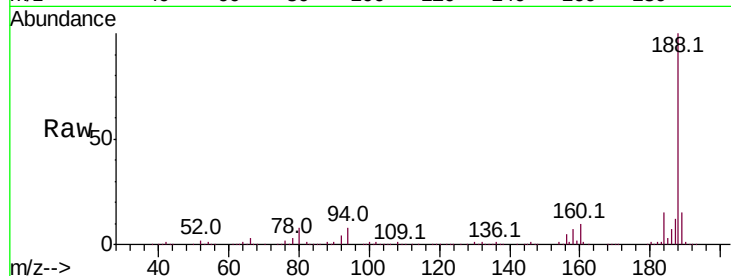




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF119892.D
 Acq: 10 Apr 2020 14:09

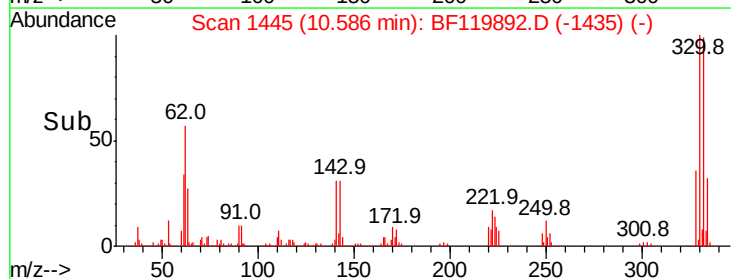
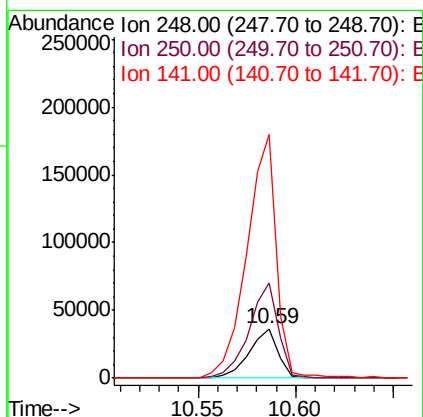
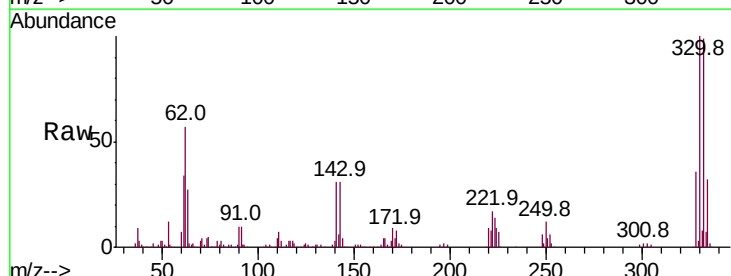
Instrument :
 BNA_N
 ClientSampleId :
 PB128092BL

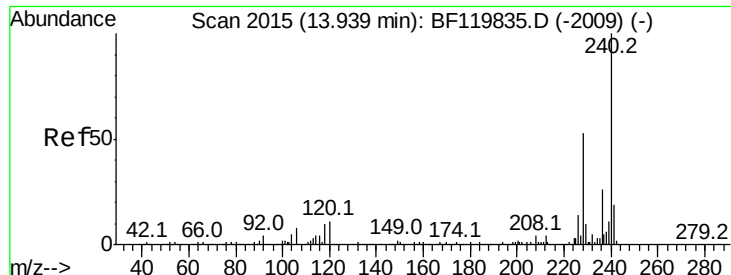
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	8.4	7.4	11.2



#67
 4-Bromophenyl-phenylether
 Concen: 4.846 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.24 min
 Lab File: BF119892.D
 Acq: 10 Apr 2020 14:09

Tgt Ion	Ratio	Lower	Upper
248	100		
250	194.7	76.6	114.8#
141	495.4	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: BF119892.D

Acq: 10 Apr 2020 14:09

Instrument :

BNA_N

ClientSampleId :

PB128092BL

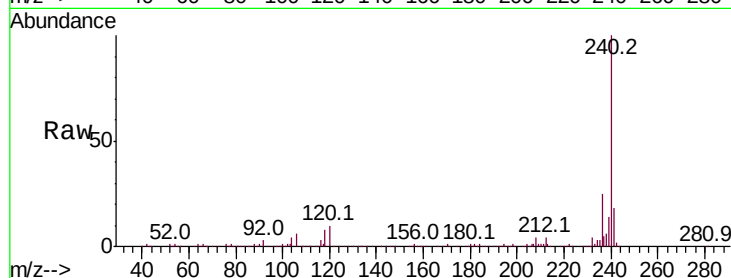
Tot Ion:240 Resp: 520486

Ion Ratio Lower Upper

240 100

120 9.6 9.0 13.6

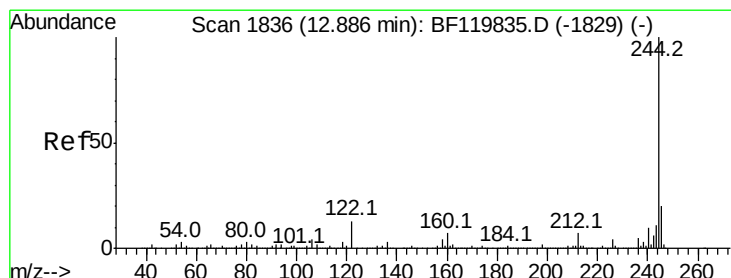
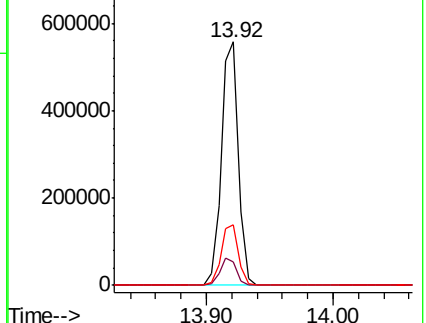
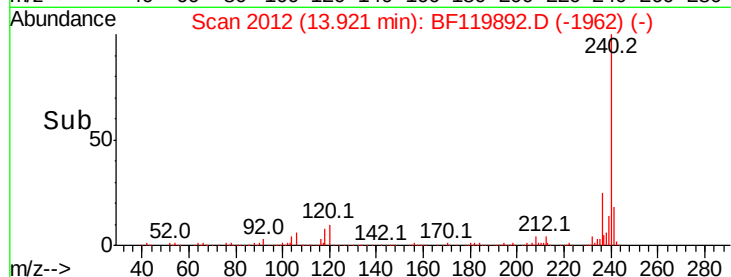
236 25.1 20.7 31.1



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: 84.796 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BF119892.D

Acq: 10 Apr 2020 14:09

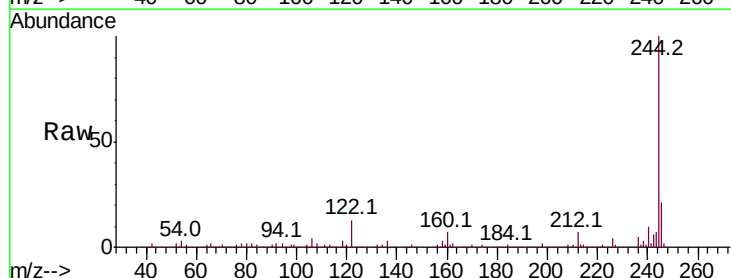
Tgt Ion:244 Resp: 2622944

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

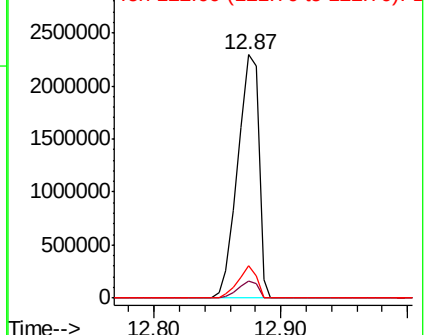
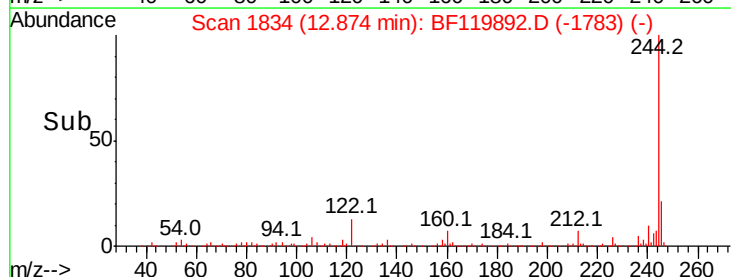
122 13.4 10.3 15.5

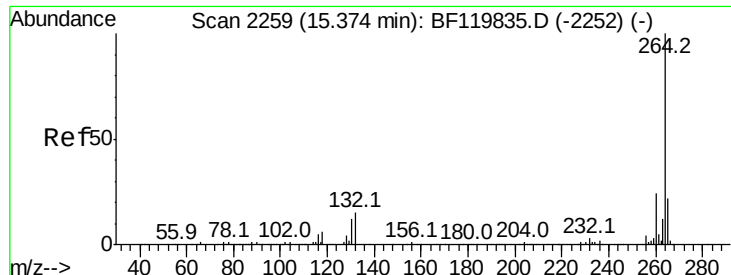


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

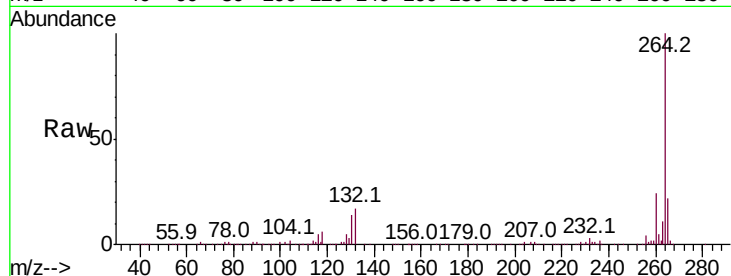




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.35 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BF119892.D
 Acq: 10 Apr 2020 14:09

Instrument :
 BNA_N
 ClientSampleId :
 PB128092BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	22.2	17.6	26.4



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

