

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041020\
 Data File : BF119891.D
 Acq On : 10 Apr 2020 13:42
 Operator : MA/SJ
 Sample : PB128115BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128115BL

Quant Time: Apr 10 14:16:53 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

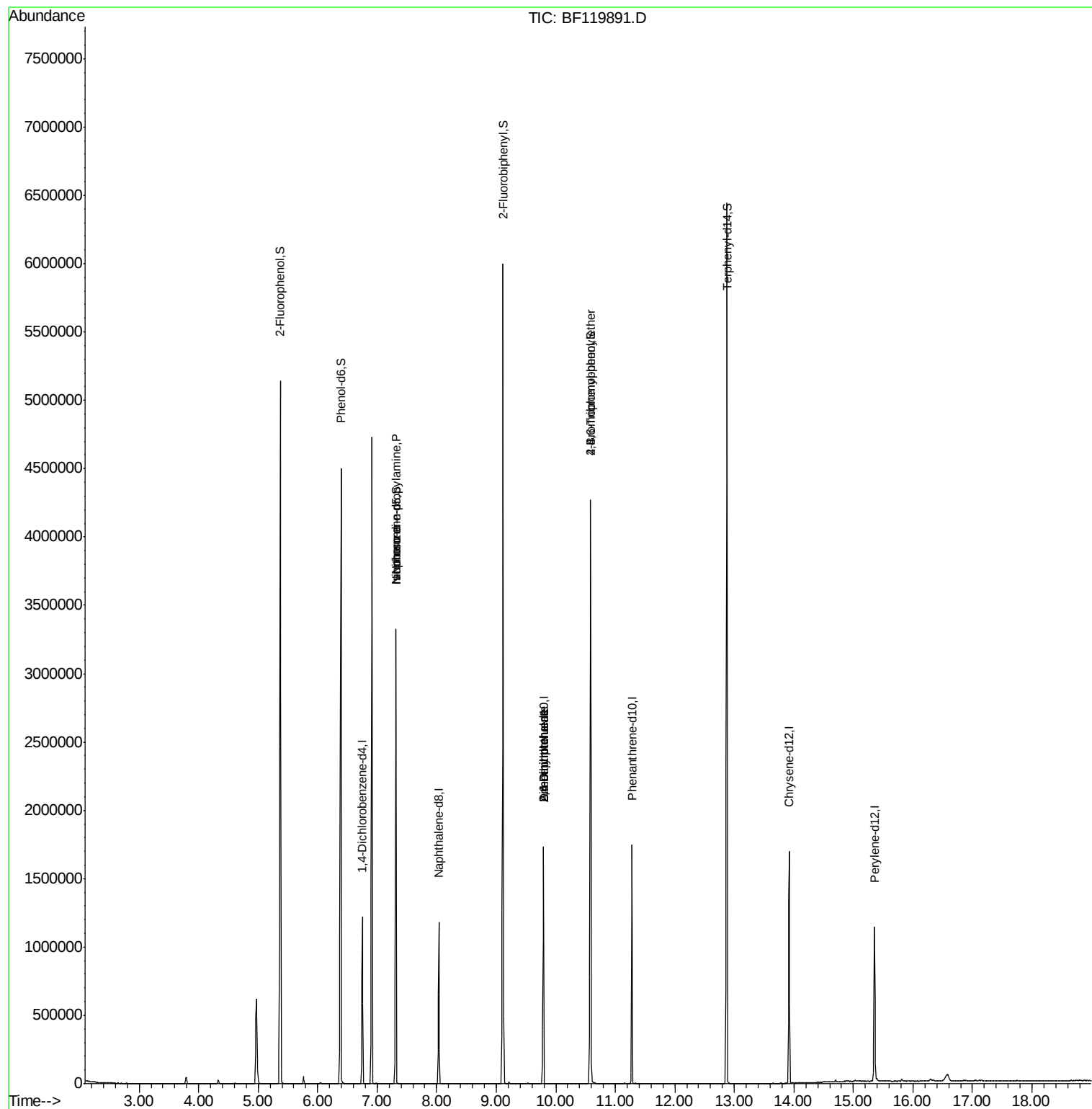
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	165810	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	610711	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	349813	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	637929	20.00	ng	0.00
76) Chrysene-d12	13.92	240	556061	20.00	ng	0.00
87) Perylene-d12	15.36	264	531905	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1491454	155.45	ng	0.02
7) Phenol-d6	6.39	99	1865157	150.87	ng	0.00
23) Nitrobenzene-d5	7.32	82	1263354	107.02	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	593028	138.46	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2381445	96.66	ng	0.00
79) Terphenyl-d14	12.87	244	2751387	83.26	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	302	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.32	70	169540	21.326 ng	#	33
25) Isophorone	7.32	82	1260740	55.402 ng	#	75
50) Dimethylphthalate	9.79	163	76449	2.825 ng	#	65
51) 2,6-Dinitrotoluene	9.79	165	44637	7.533 ng	#	1
57) 2,4-Dinitrotoluene	9.79	165	44637	5.718 ng	#	19
67) 4-Bromophenyl-phenylether	10.59	248	34988	4.410 ng	#	22
					#	1

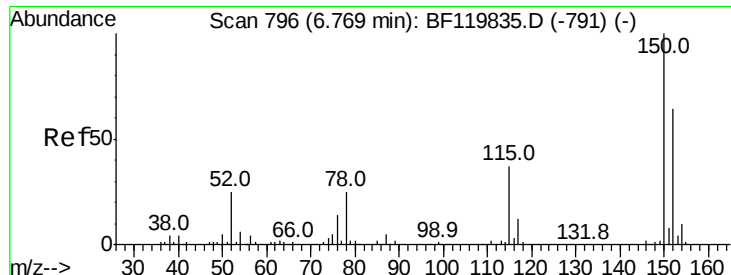
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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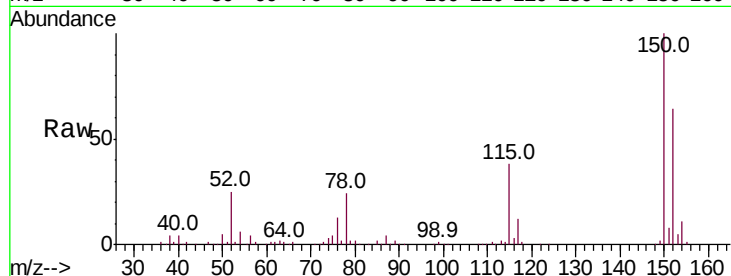


#1

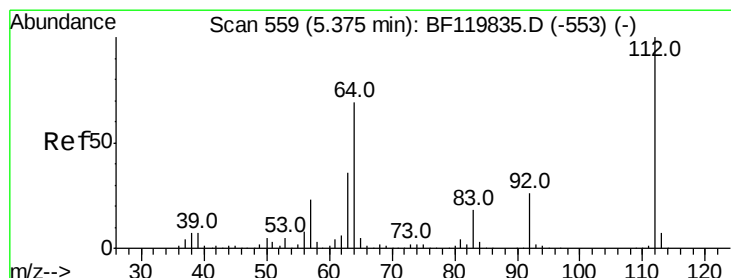
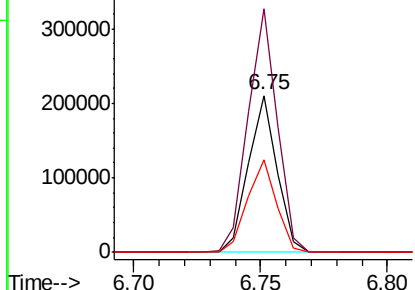
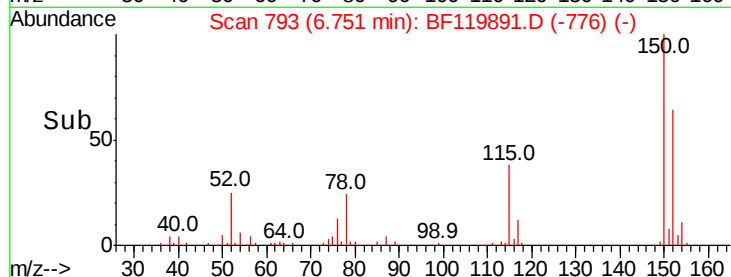
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF119891.D
 Acq: 10 Apr 2020 13:42

Instrument :
 BNA_N
 ClientSampleId :
 PB128115BL

Tot Ion:152 Resp: 165810
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.8 187.2
 115 58.8 46.5 69.7



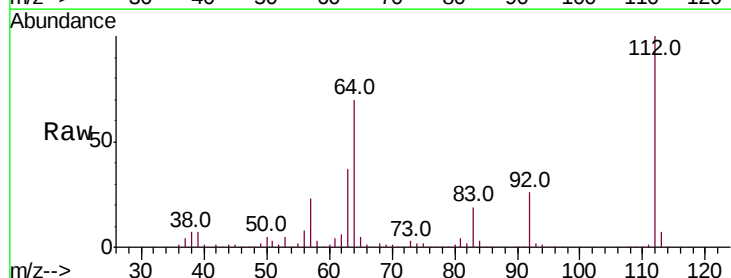
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



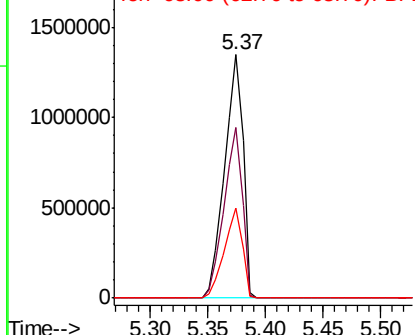
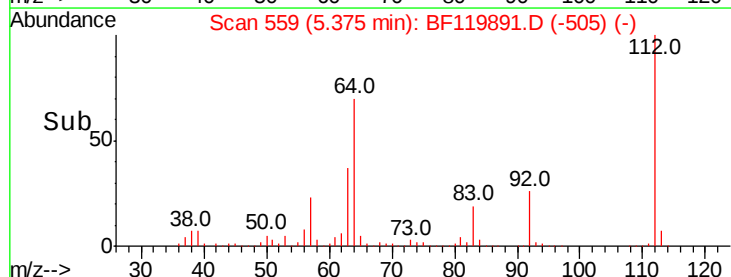
#5

2-Fluorophenol
 Concen: 155.449 ng
 RT: 5.37 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: BF119891.D
 Acq: 10 Apr 2020 13:42

Tgt Ion:112 Resp: 1491454
 Ion Ratio Lower Upper
 112 100
 64 70.2 55.5 83.3
 63 37.0 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: 150.867 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF119891.D

Acq: 10 Apr 2020 13:42

Instrument :

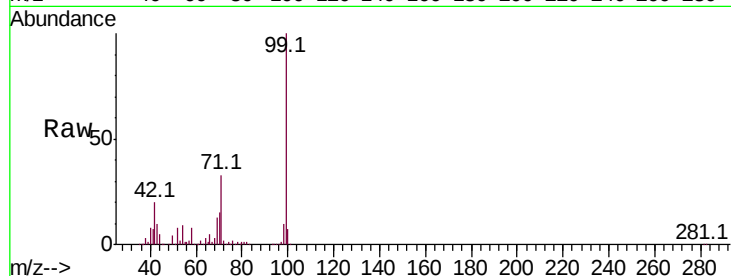
BNA_N

ClientSampleId :

PB128115BL

Tot Ion: 99 Resp: 1865157

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.9	25.3
71	33.2	26.3	39.5



Abundance

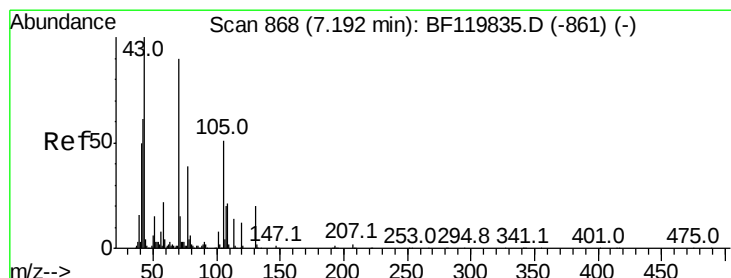
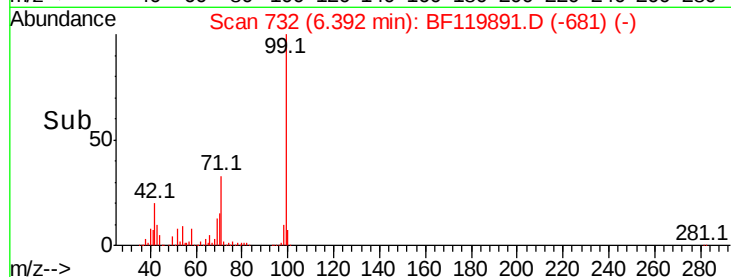
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

6.39

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 21.326 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119891.D

Acq: 10 Apr 2020 13:42

Tgt Ion: 70 Resp: 169540

Ion	Ratio	Lower	Upper
70	100		
42	51.7	54.2	81.4#
101	0.0	7.4	11.2#
130	2.4	17.8	26.6#

Abundance

Ion 70.00 (69.70 to 70.70): BF1

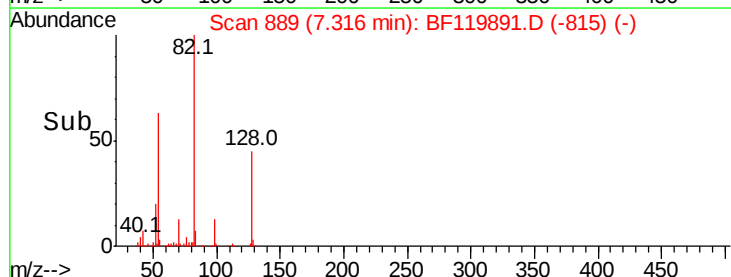
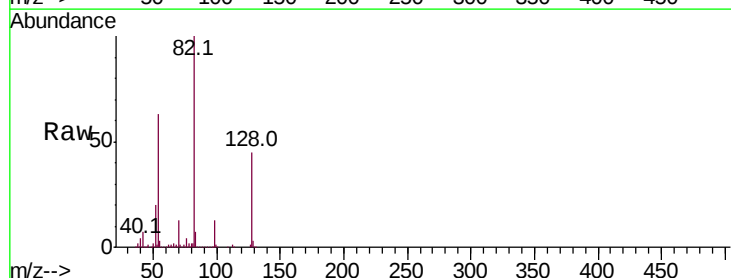
Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

7.32

Time-->

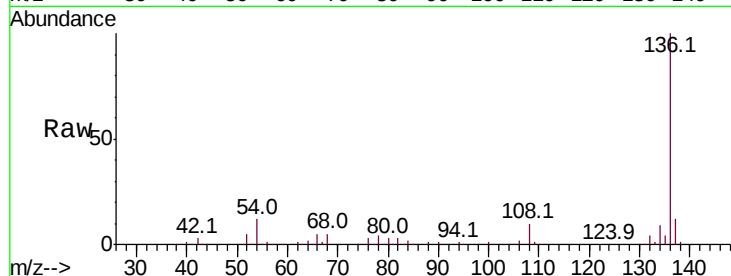




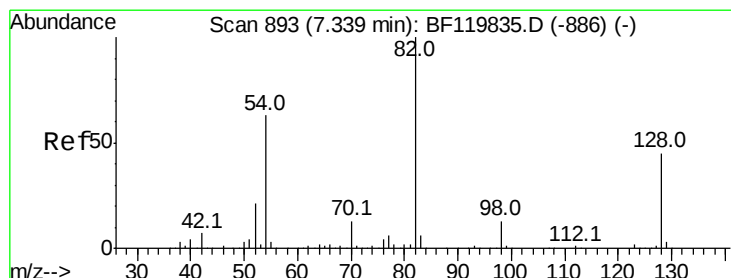
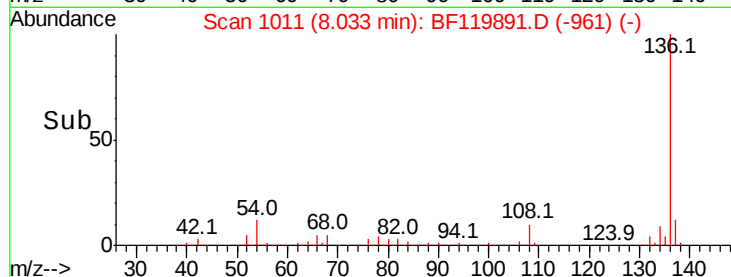
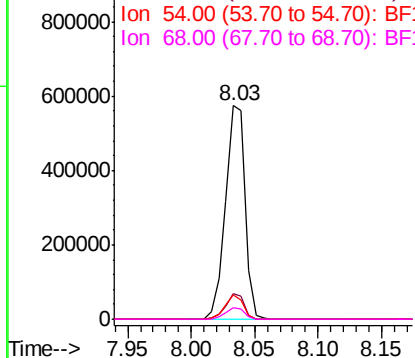
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119891.D
Acq: 10 Apr 2020 13:42

Instrument :
BNA_N
ClientSampleId :
PB128115BL

Tot Ion:136	Resp:	610711
Ion	Ratio	Lower Upper
136	100	
137	11.7	8.7 13.1
54	11.5	8.5 12.7
68	5.5	3.9 5.9

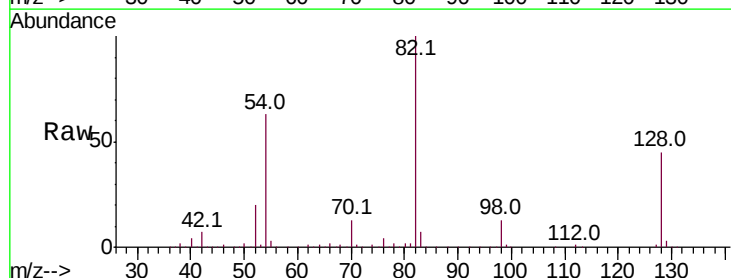


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

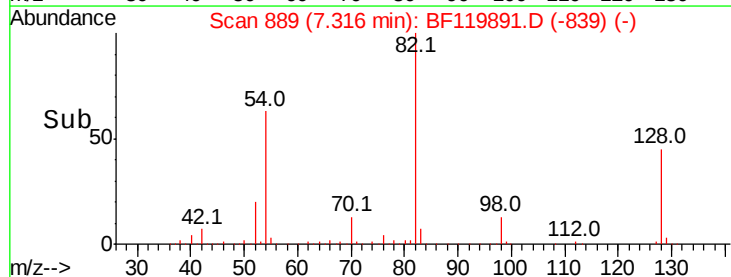
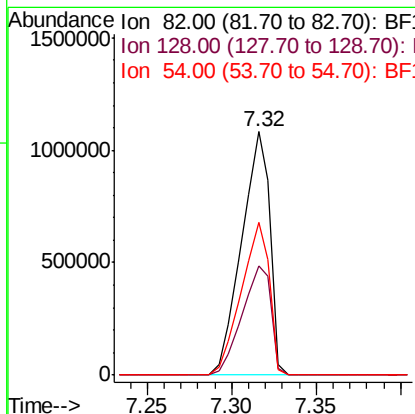


#23
Nitrobenzene-d5
Concen: 107.019 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119891.D
Acq: 10 Apr 2020 13:42

Tgt Ion: 82	Resp:	1263354
Ion	Ratio	Lower Upper
82	100	
128	44.9	36.2 54.4
54	62.6	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: 55.402 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF119891.D

Acq: 10 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PB128115BL

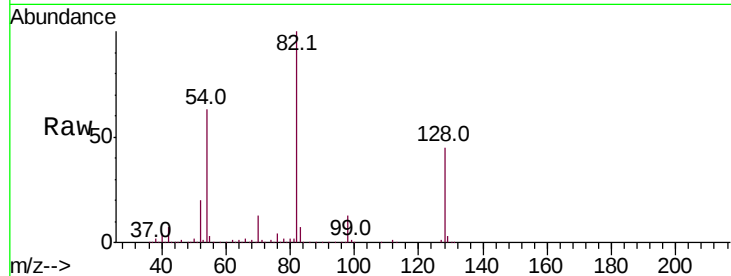
Tot Ion: 82 Resp: 1260740

Ion Ratio Lower Upper

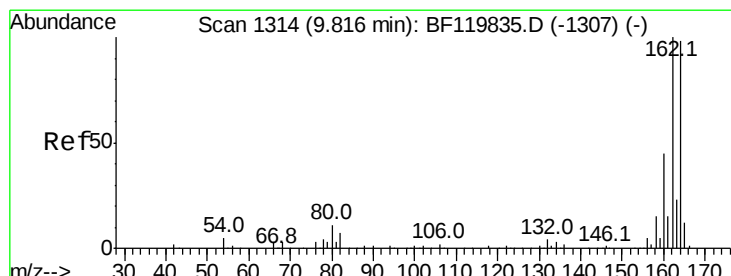
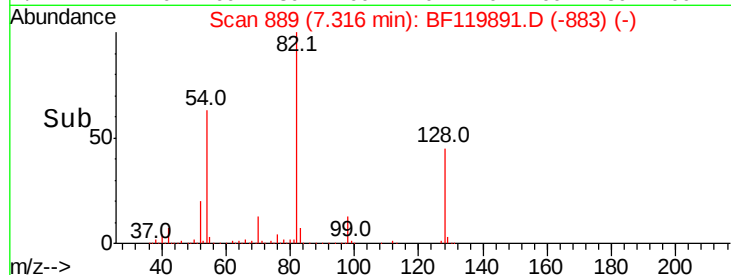
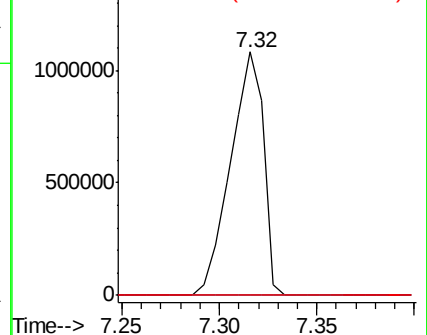
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF119891.D

Acq: 10 Apr 2020 13:42

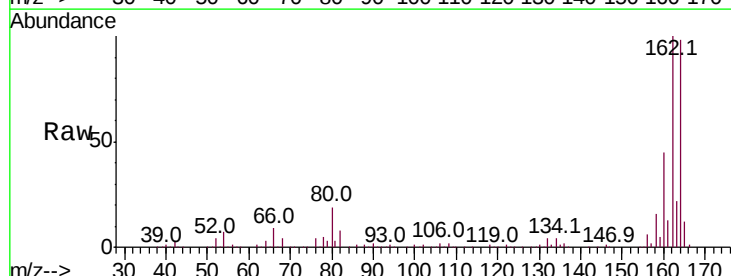
Tgt Ion:164 Resp: 349813

Ion Ratio Lower Upper

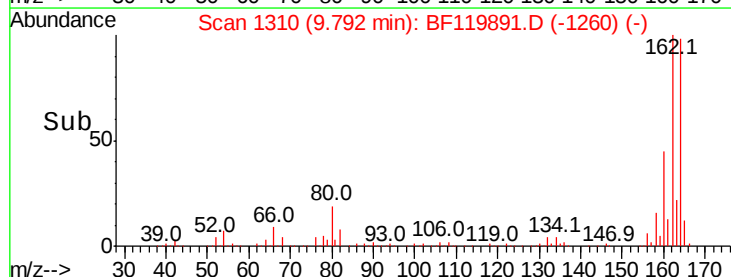
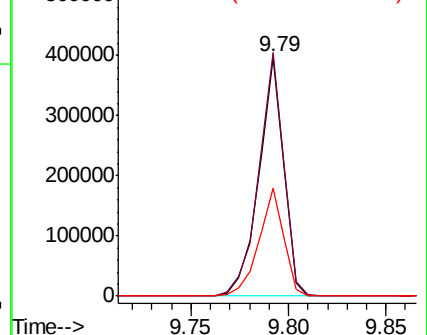
164 100

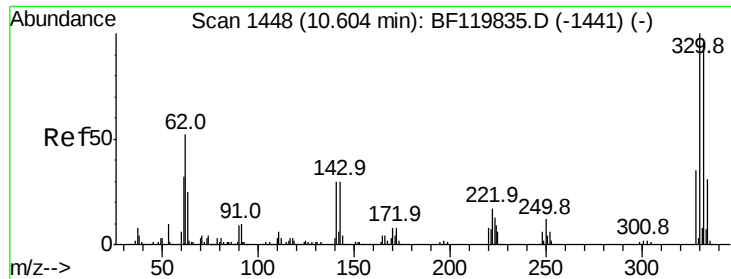
162 101.9 81.9 122.9

160 45.4 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

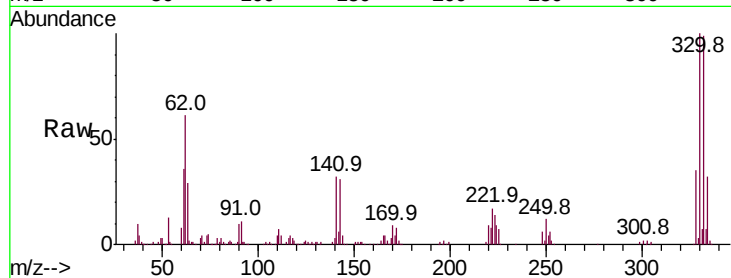




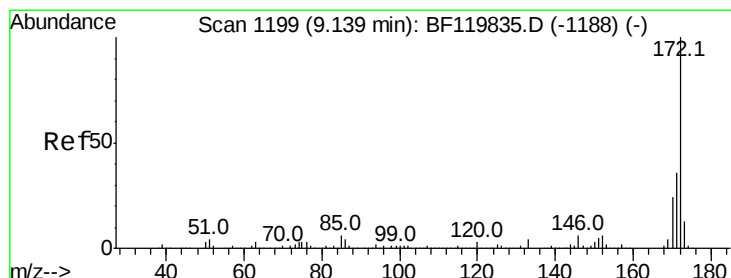
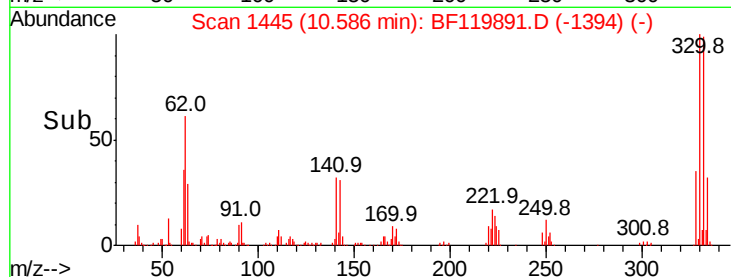
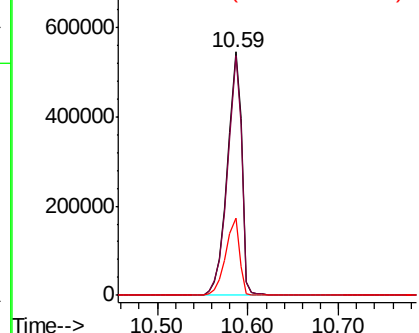
#42
 2,4,6-Tribromophenol
 Concen: 138.464 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF119891.D
 Acq: 10 Apr 2020 13:42

Instrument :
 BNA_N
 ClientSampleId :
 PB128115BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.8	115.2
141	30.8	25.1	37.7

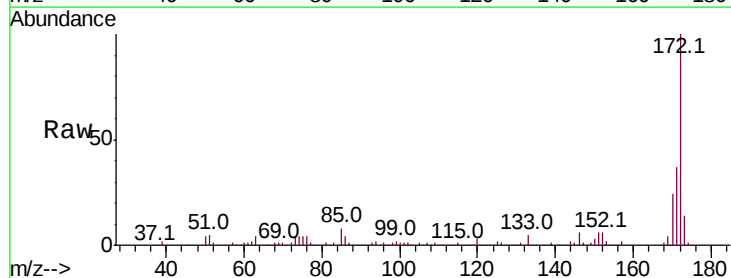


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

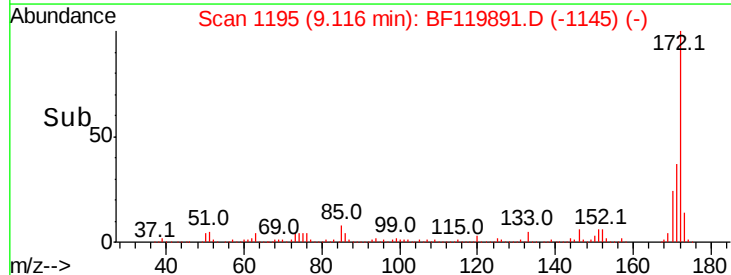
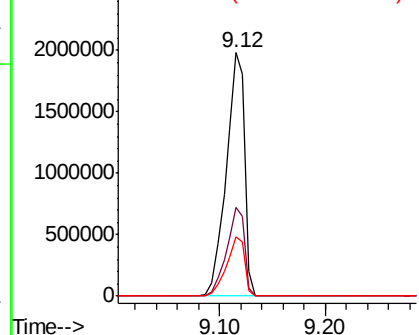


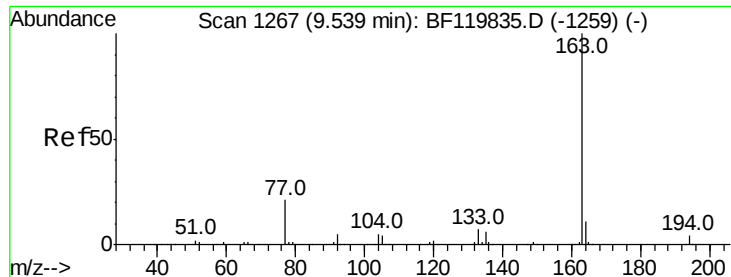
#45
 2-Fluorobiphenyl
 Concen: 96.655 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF119891.D
 Acq: 10 Apr 2020 13:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.4	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: 2.825 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.26 min

Lab File: BF119891.D

Acq: 10 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PB128115BL

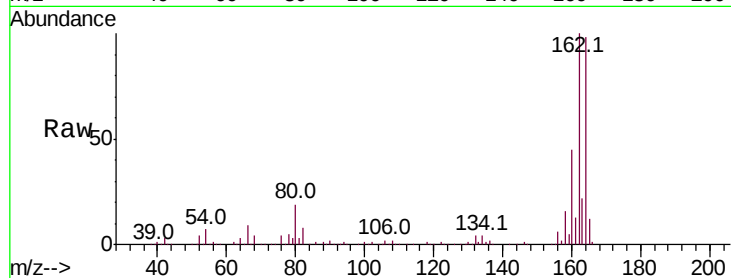
Tot Ion:163 Resp: 76449

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

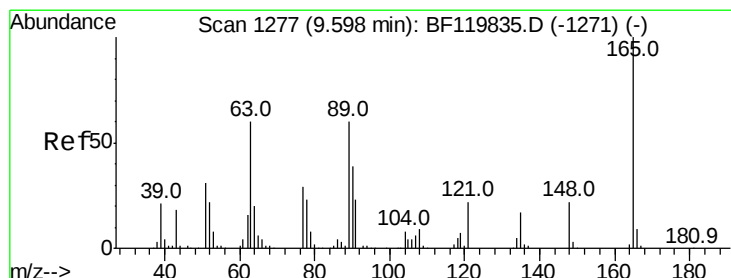
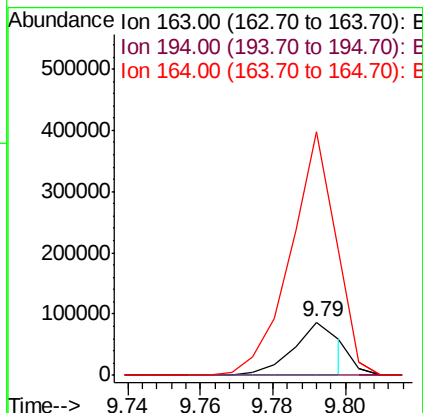
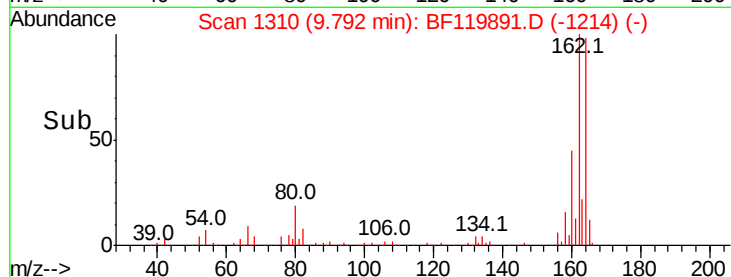
164 456.1 8.4 12.6#



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: 7.533 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.21 min

Lab File: BF119891.D

Acq: 10 Apr 2020 13:42

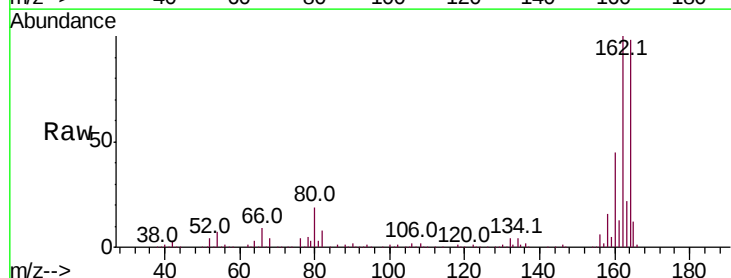
Tgt Ion:165 Resp: 44637

Ion Ratio Lower Upper

165 100

63 1.2 55.6 83.4#

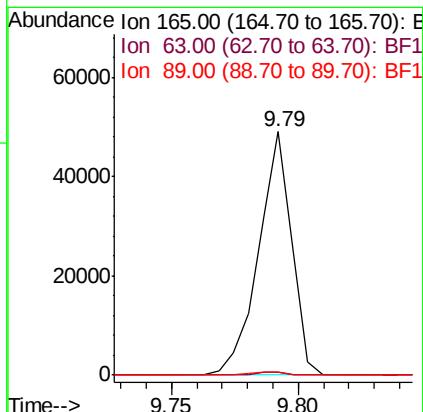
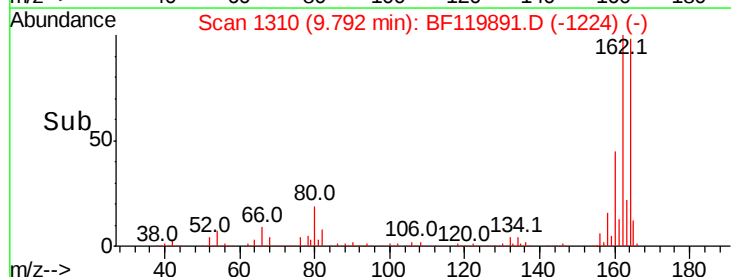
89 1.1 47.9 71.9#

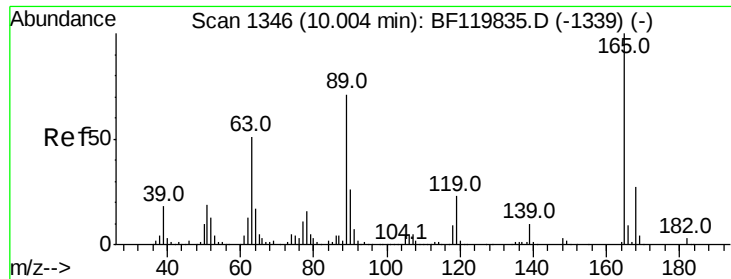


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

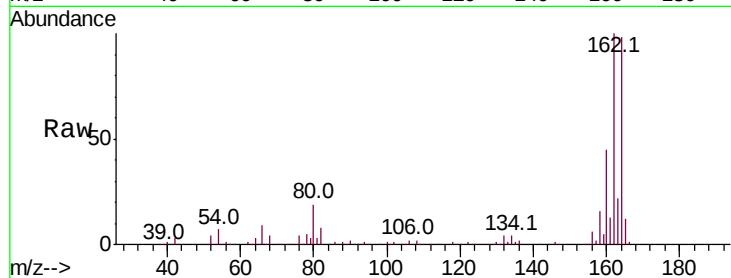




#57
 2,4-Dinitrotoluene
 Concen: 5.718 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF119891.D
 Acq: 10 Apr 2020 13:42

Instrument :
 BNA_N
 ClientSampleId :
 PB128115BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.8	61.2#
89	1.1	56.9	85.3#
182	0.0	2.0	3.0#

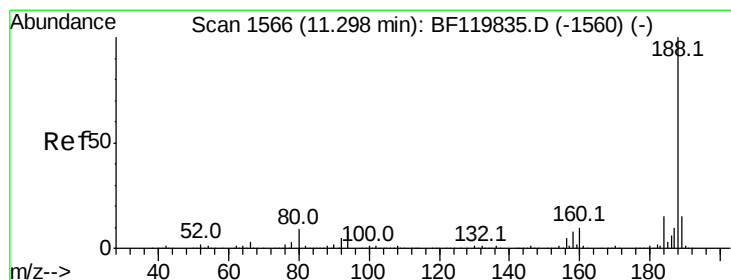
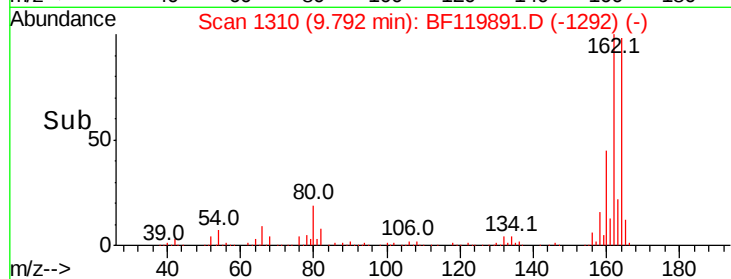
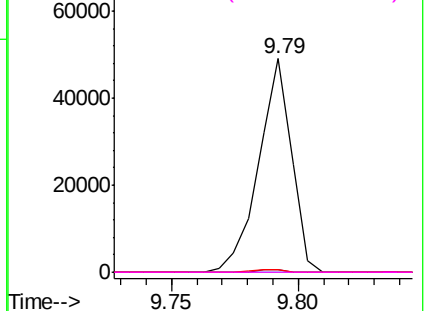


Abundance Ion 165.00 (164.70 to 165.70): E

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



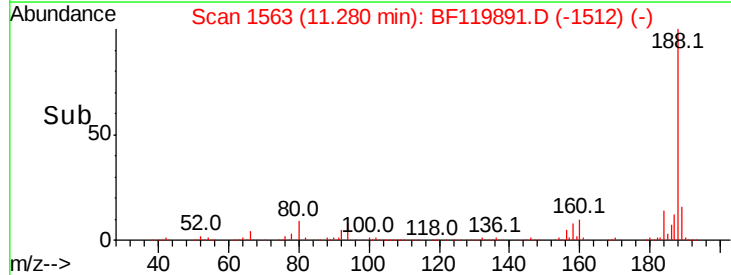
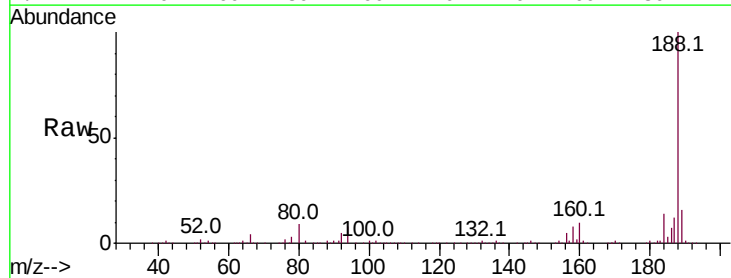
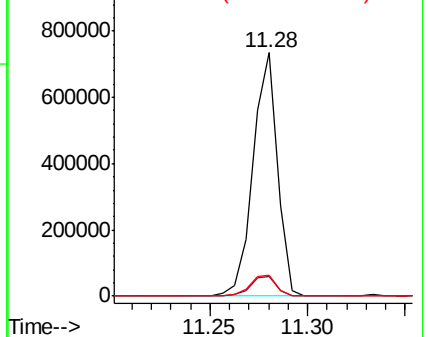
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF119891.D
 Acq: 10 Apr 2020 13:42

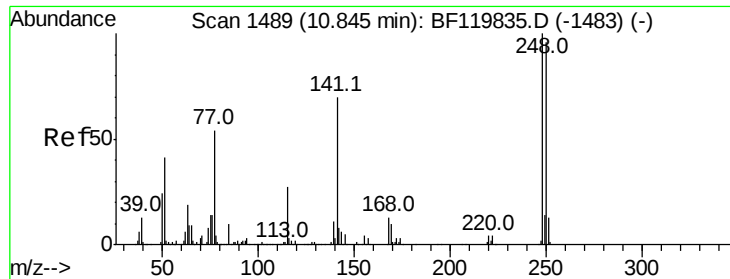
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	8.6	7.4	11.2

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

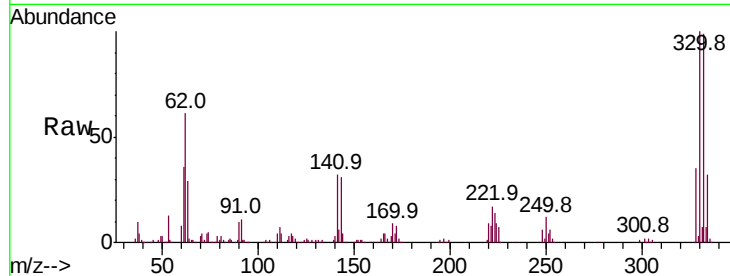




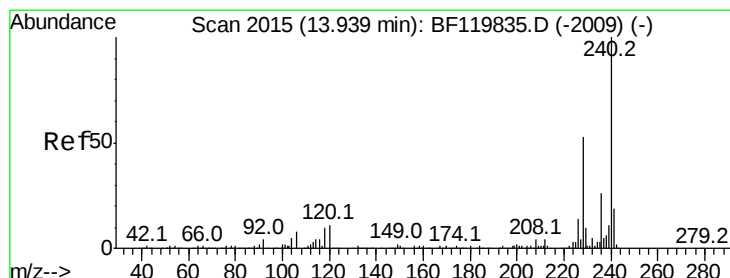
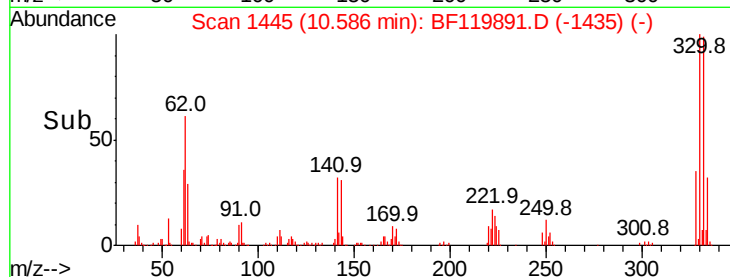
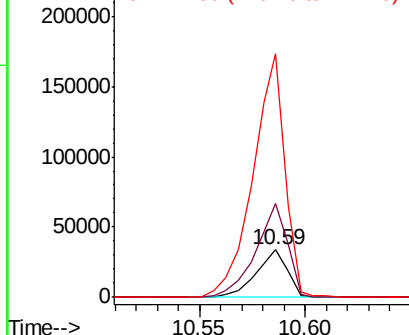
#67
 4-Bromophenyl-phenylether
 Concen: 4.410 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.24 min
 Lab File: BF119891.D
 Acq: 10 Apr 2020 13:42

Instrument :
 BNA_N
 ClientSampleId :
 PB128115BL

Tot Ion:248 Resp: 34988
 Ion Ratio Lower Upper
 248 100
 250 196.2 76.6 114.8#
 141 510.9 55.9 83.9#

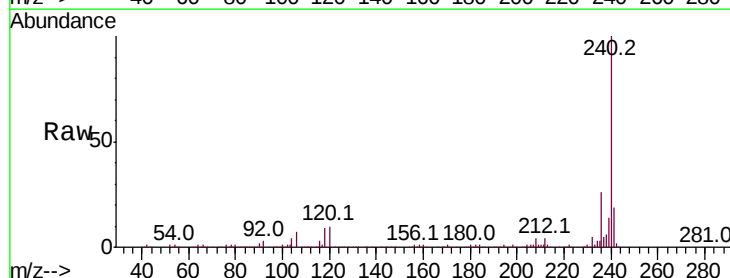


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

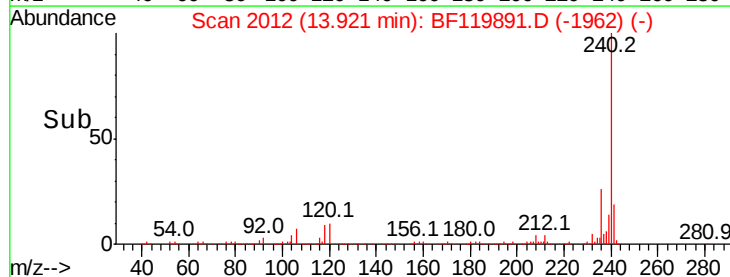
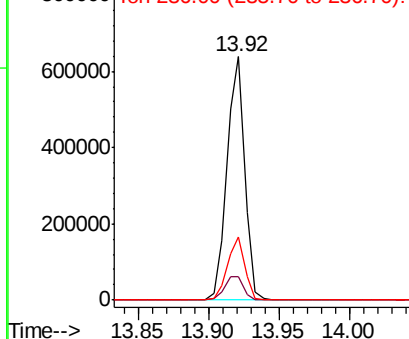


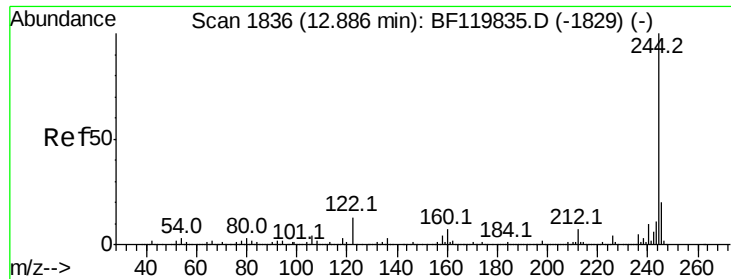
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF119891.D
 Acq: 10 Apr 2020 13:42

Tgt Ion:240 Resp: 556061
 Ion Ratio Lower Upper
 240 100
 120 9.6 9.0 13.6
 236 26.0 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: 83.258 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BF119891.D

Acq: 10 Apr 2020 13:42

Instrument :

BNA_N

ClientSampleId :

PB128115BL

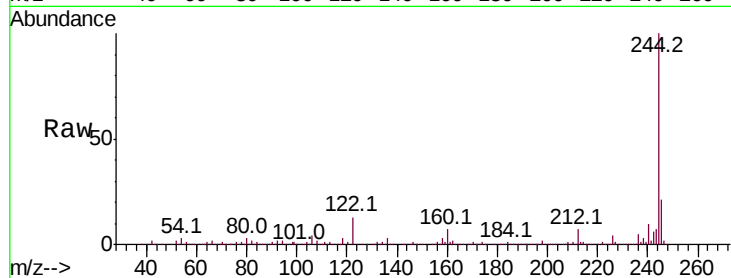
Tot Ion:244 Resp: 2751387

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

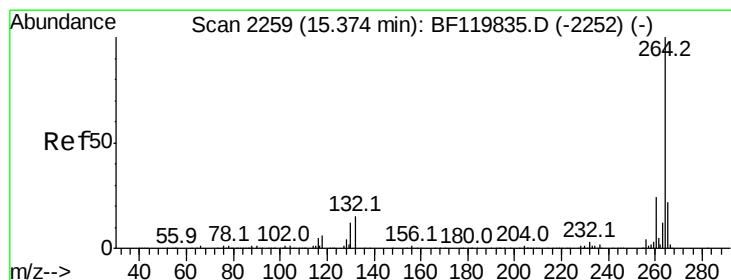
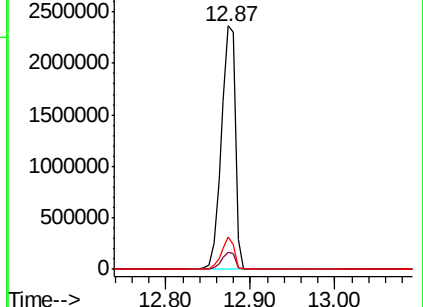
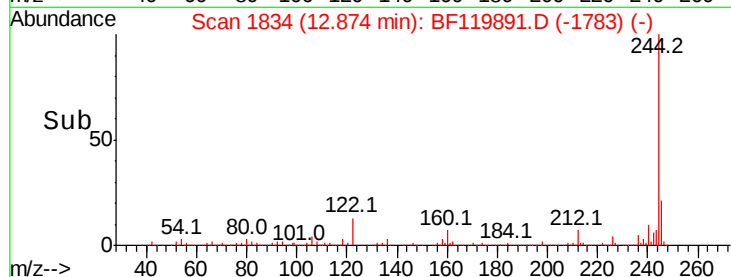
122 13.3 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.00 min

Lab File: BF119891.D

Acq: 10 Apr 2020 13:42

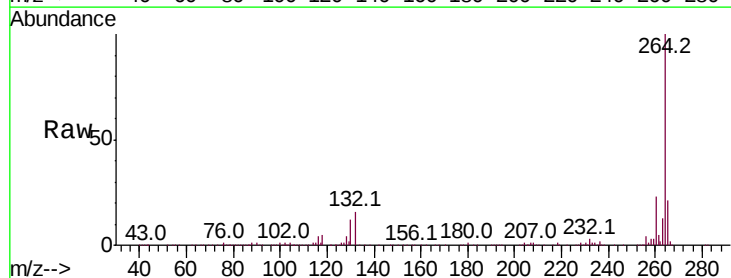
Tgt Ion:264 Resp: 531905

Ion Ratio Lower Upper

264 100

260 23.1 19.3 28.9

265 21.0 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

