

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042120\
 Data File : BF120098.D
 Acq On : 21 Apr 2020 13:01
 Operator : MA/SJ
 Sample : PB128341BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128341BL

Quant Time: Apr 21 13:58:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 13:48:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	120533	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	457006	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	236704	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	466576	20.00	ng	0.00
76) Chrysene-d12	13.86	240	392355	20.00	ng	-0.01
87) Perylene-d12	15.27	264	346726	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1083929	155.41	ng	0.00
7) Phenol-d6	6.33	99	1366361	152.04	ng	0.00
23) Nitrobenzene-d5	7.26	82	851391	96.38	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	358542	123.72	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1590716	95.41	ng	0.00
79) Terphenyl-d14	12.82	244	1666652	71.48	ng	0.00

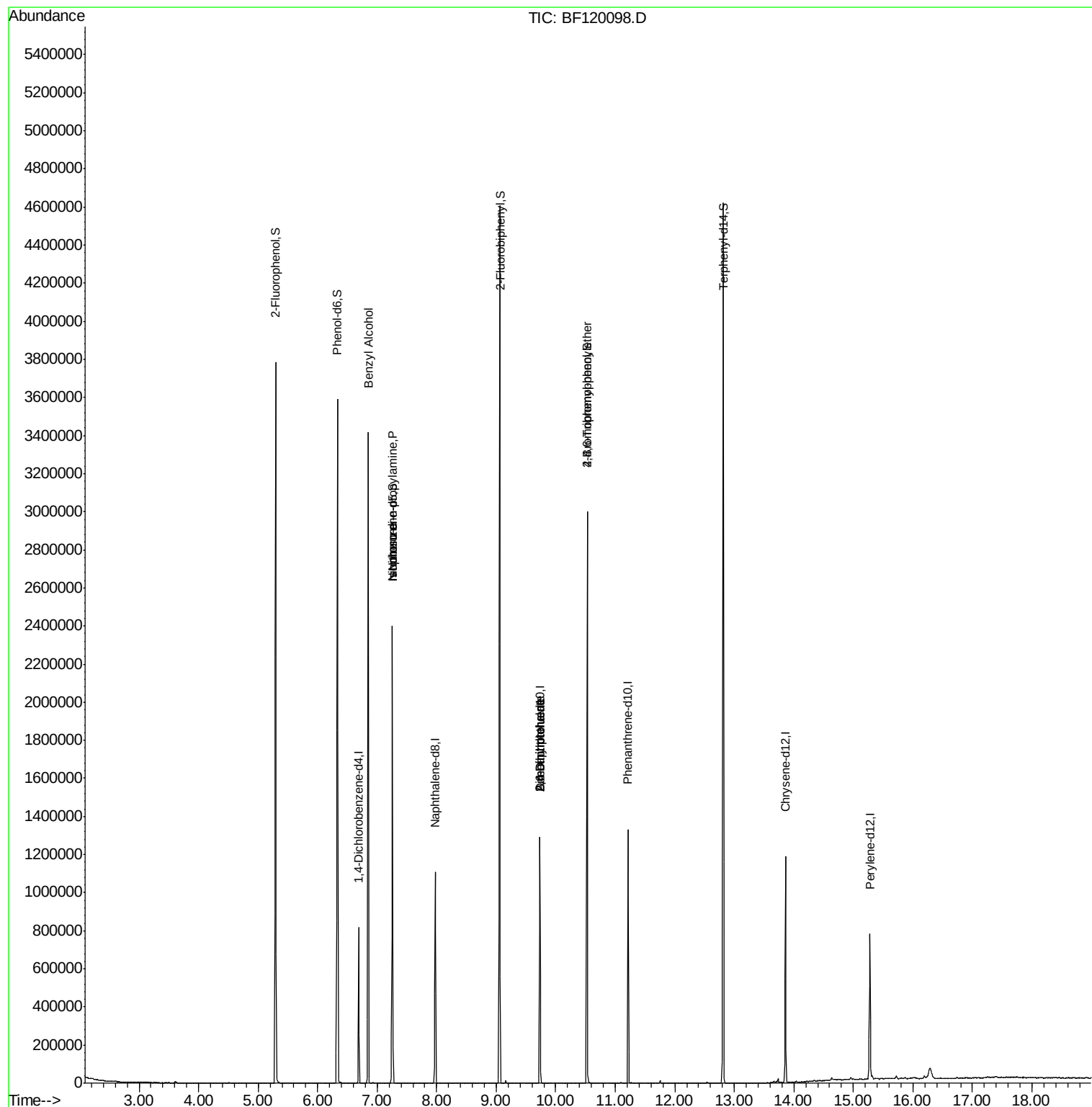
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.33	77	1987	Below Cal	#	1
15) Benzyl Alcohol	6.85	79	14121	2.023	ng	51
19) n-Nitroso-di-n-propylamine	7.26	70	112652	19.493	ng	75
25) Isophorone	7.26	82	851383	49.996	ng	65
50) Dimethylphthalate	9.73	163	51192	2.796	ng	1
51) 2,6-Dinitrotoluene	9.73	165	29825	7.439	ng	19
57) 2,4-Dinitrotoluene	9.73	165	29825	5.646	ng	22
67) 4-Bromophenyl-phenylether	10.53	248	22891	3.945	ng	1

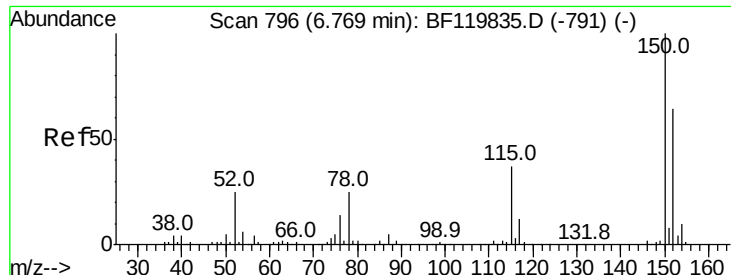
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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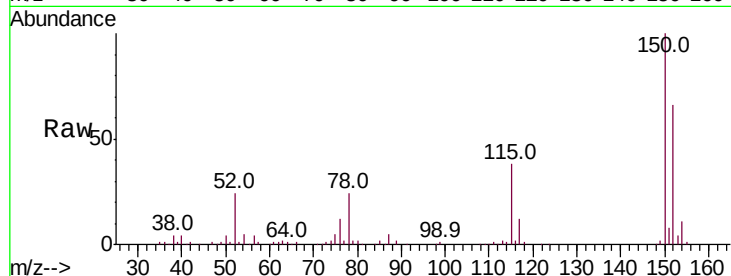


#1

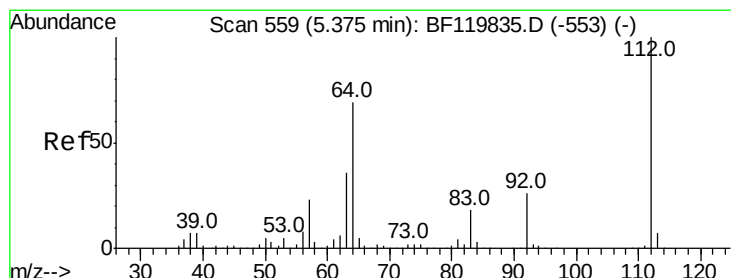
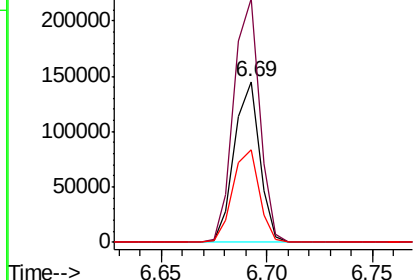
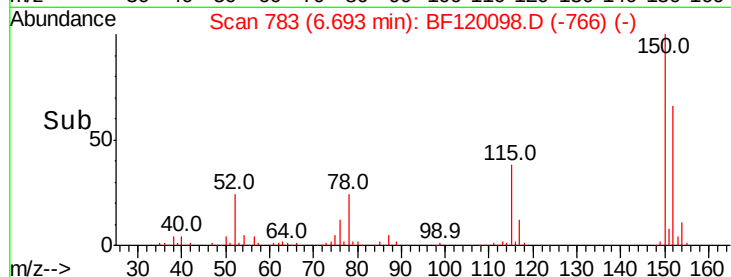
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF120098.D
 Acq: 21 Apr 2020 13:01

Instrument :
 BNA_F
 ClientSampleId :
 PB128341BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.8	187.2
115	57.9	46.5	69.7



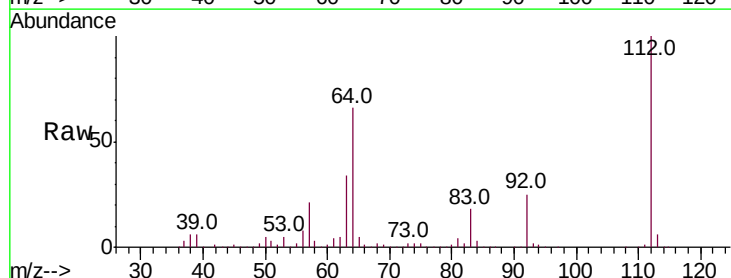
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



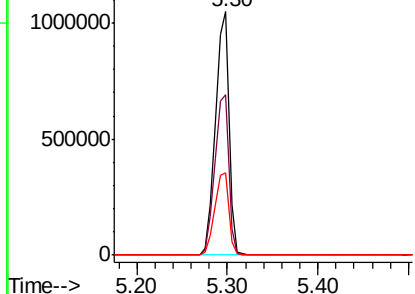
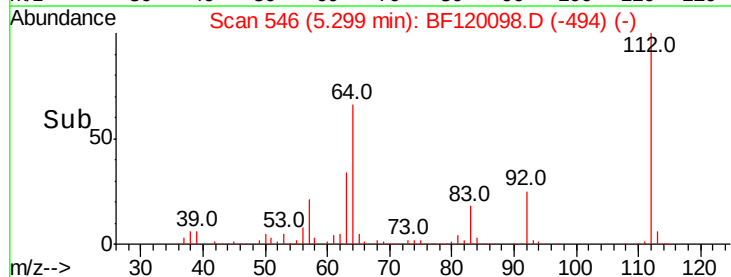
#5

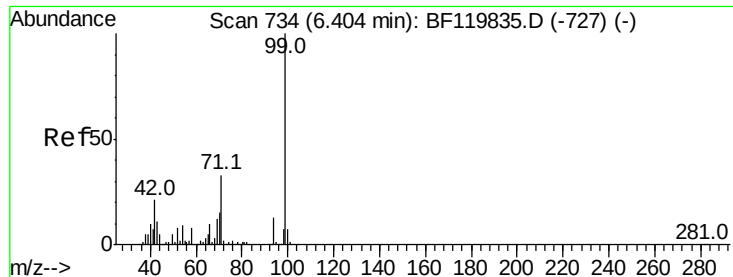
2-Fluorophenol
 Concen: 155.412 ng
 RT: 5.30 min Scan# 546
 Delta R.T. 0.01 min
 Lab File: BF120098.D
 Acq: 21 Apr 2020 13:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	55.5	83.3
63	33.6	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: 152.037 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF120098.D

Acq: 21 Apr 2020 13:01

Instrument :

BNA_F

ClientSampleId :

PB128341BL

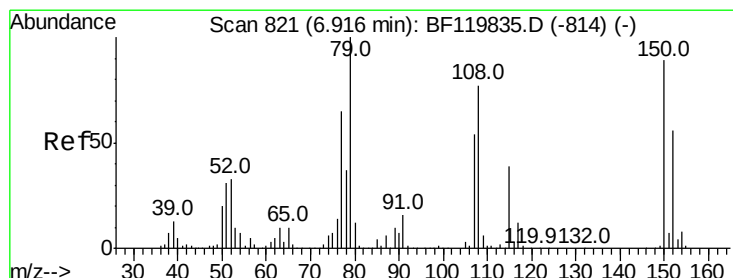
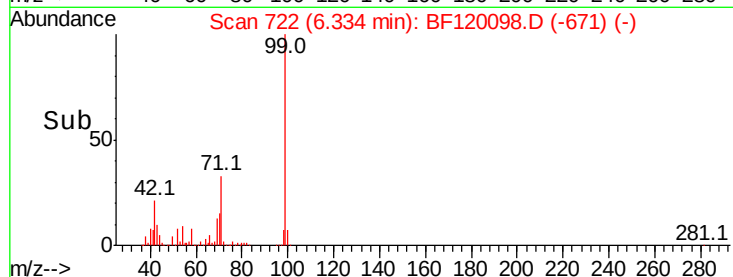
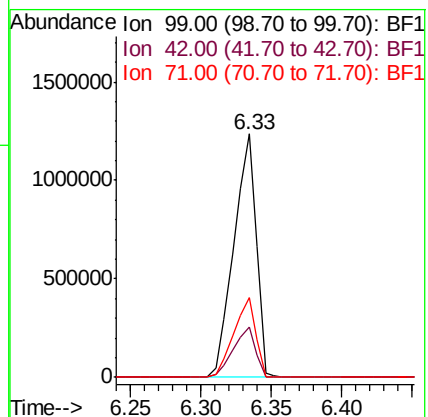
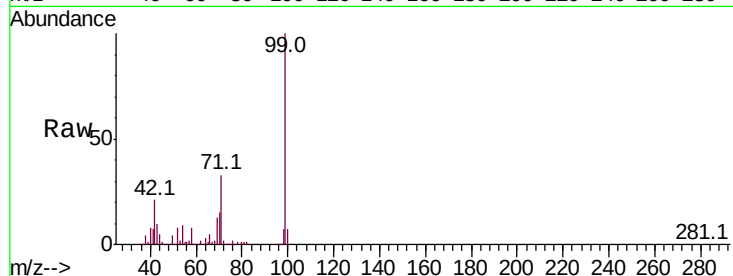
Tot Ion: 99 Resp: 1366361

Ion Ratio Lower Upper

99 100

42 20.7 16.9 25.3

71 32.8 26.3 39.5



#15

Benzyl Alcohol

Concen: 2.023 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF120098.D

Acq: 21 Apr 2020 13:01

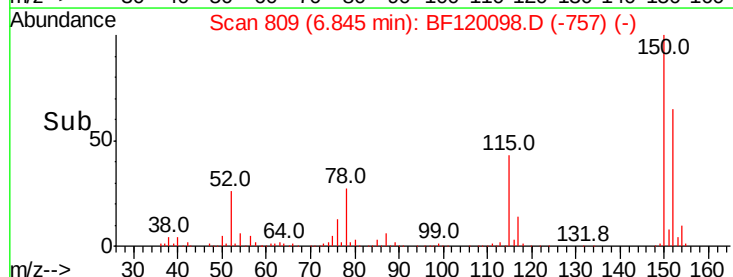
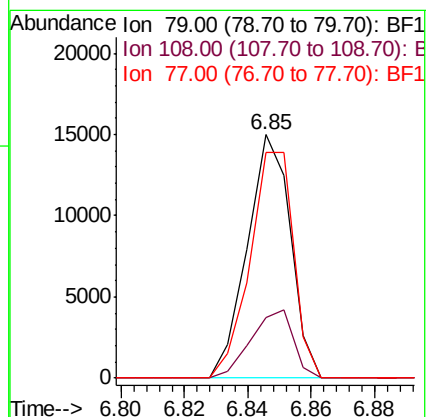
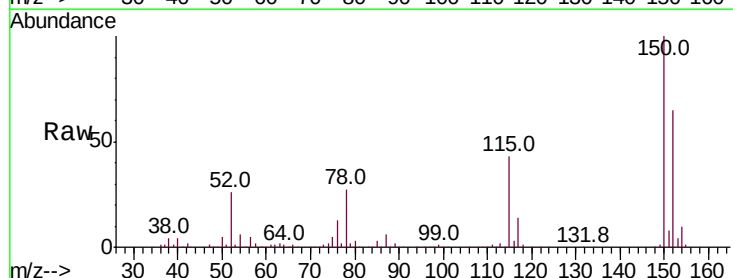
Tgt Ion: 79 Resp: 14121

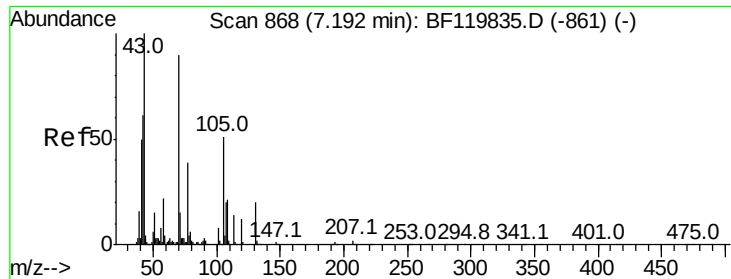
Ion Ratio Lower Upper

79 100

108 24.7 62.0 93.0#

77 92.5 51.8 77.6#





#19

n-Nitroso-di-n-propylamine

Concen: 19.493 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF120098.D

Acq: 21 Apr 2020 13:01

Instrument :

BNA_F

ClientSampleId :

PB128341BL

Tot Ion: 70 Resp: 112652

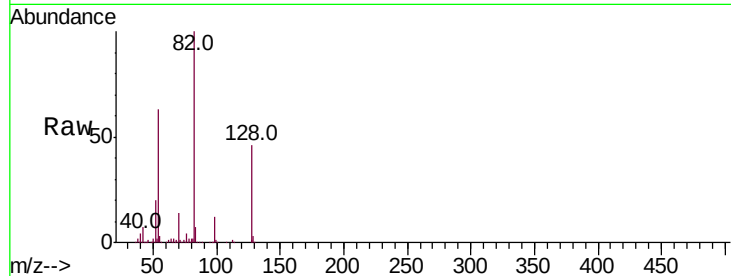
Ion Ratio Lower Upper

70 100

42 52.6 54.2 81.4#

101 0.0 7.4 11.2#

130 2.3 17.8 26.6#

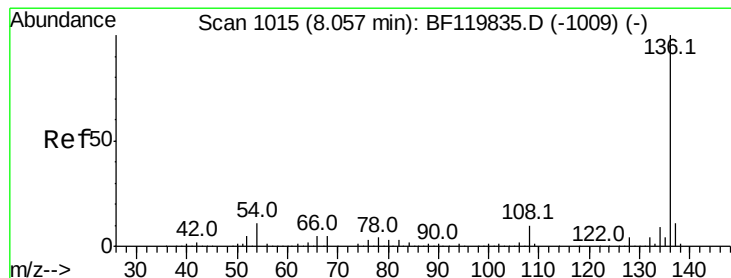
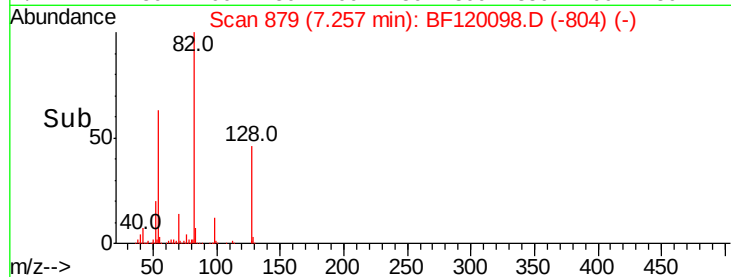
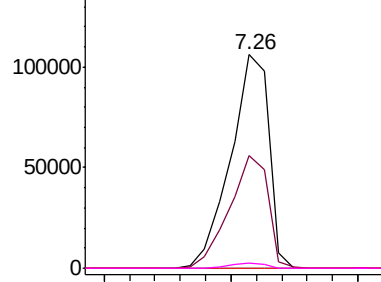


Abundance Ion 70.00 (69.70 to 70.70): BF1

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF120098.D

Acq: 21 Apr 2020 13:01

Tgt Ion: 136 Resp: 457006

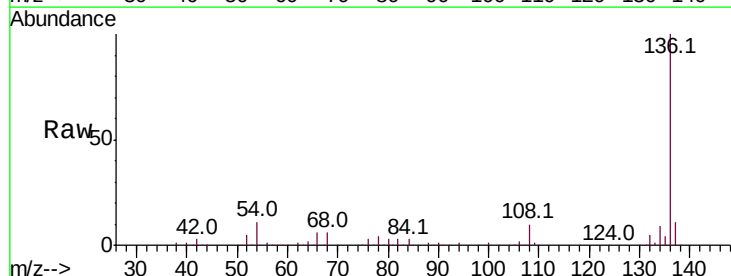
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 11.1 8.5 12.7

68 5.6 3.9 5.9

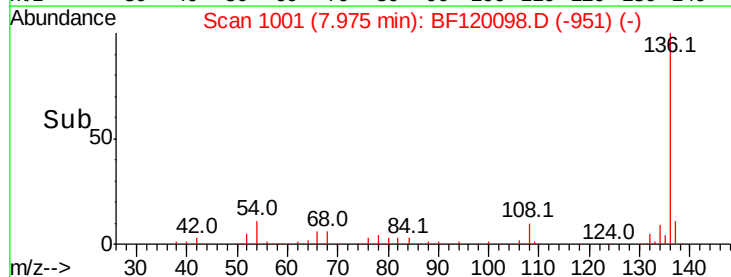
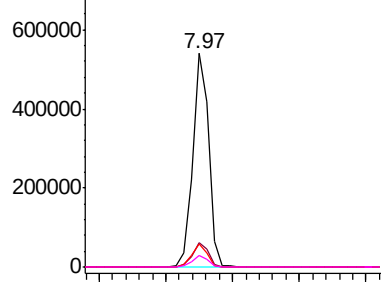


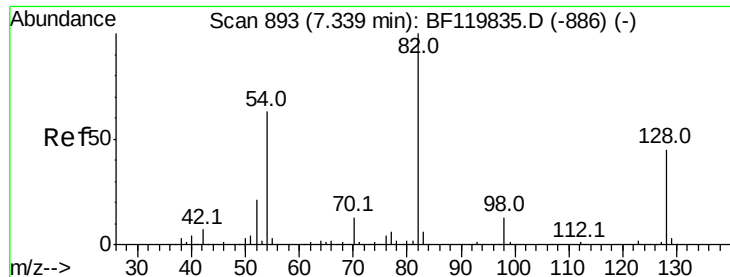
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

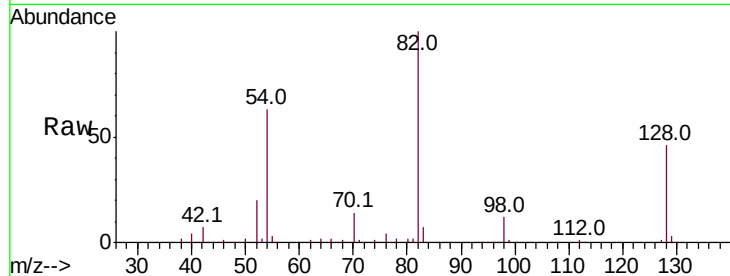




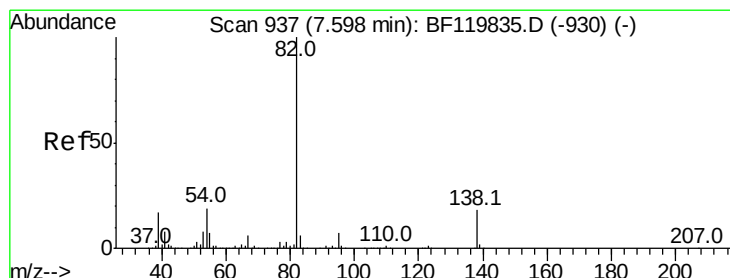
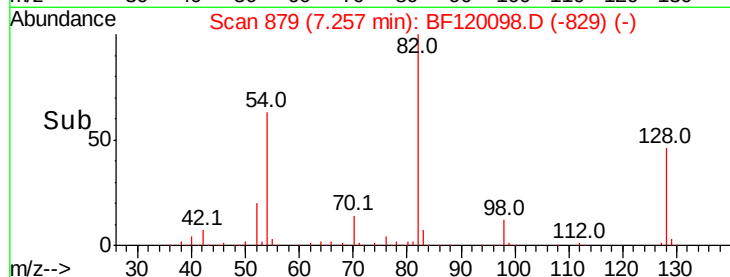
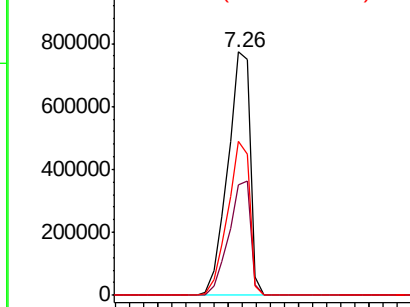
#23
 Nitrobenzene-d5
 Concen: 96.378 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF120098.D
 Acq: 21 Apr 2020 13:01

Instrument :
 BNA_F
 ClientSampleId :
 PB128341BL

Tot Ion: 82 Resp: 851391
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.2 54.4
 54 63.5 50.4 75.6

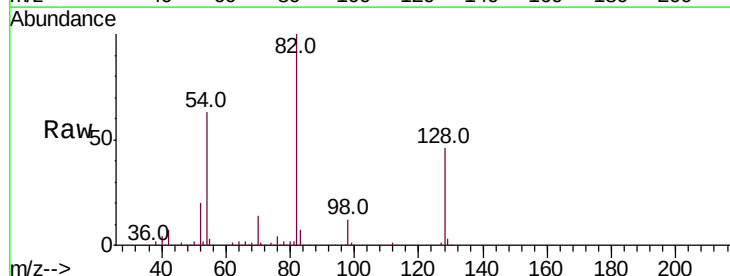


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

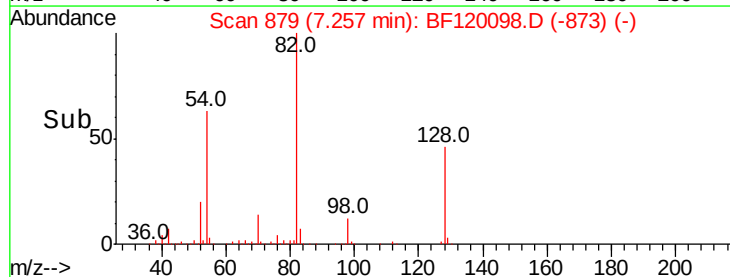
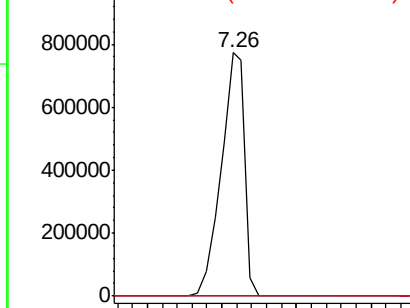


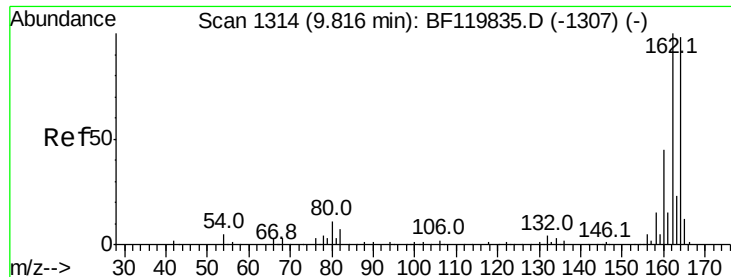
#25
 Isophorone
 Concen: 49.996 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.26 min
 Lab File: BF120098.D
 Acq: 21 Apr 2020 13:01

Tgt Ion: 82 Resp: 851383
 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

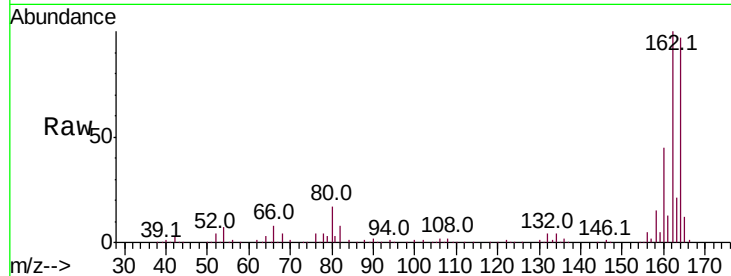




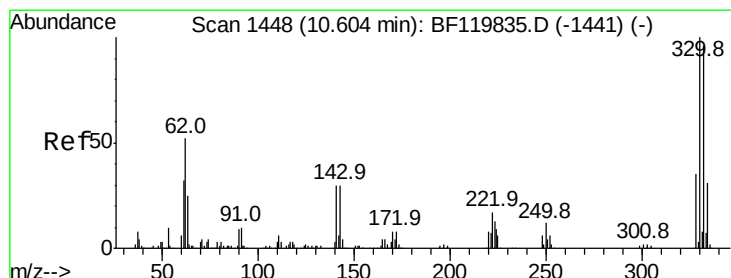
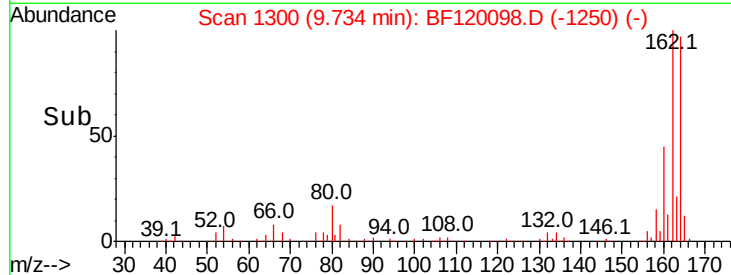
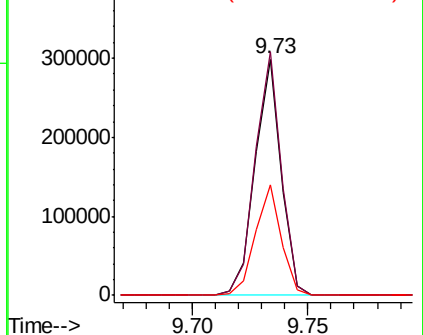
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF120098.D
Acq: 21 Apr 2020 13:01

Instrument :
BNA_F
ClientSampleId :
PB128341BL

Tot Ion:164 Resp: 236704
Ion Ratio Lower Upper
164 100
162 103.2 81.9 122.9
160 46.8 36.6 54.8

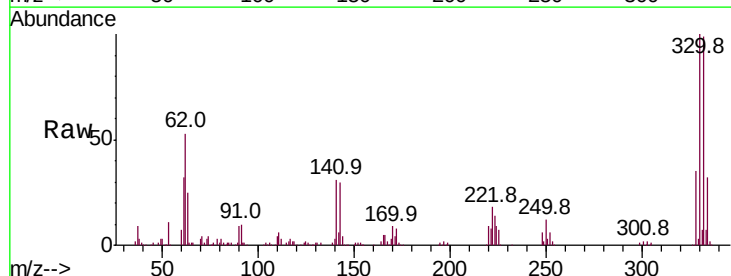


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

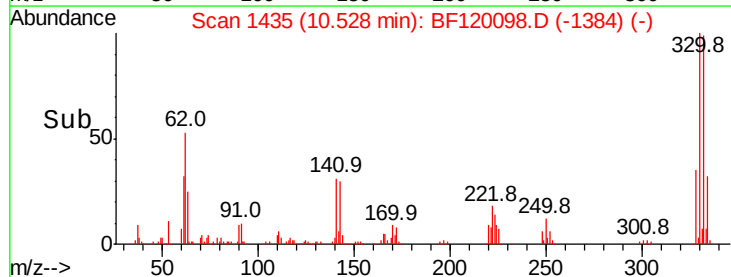
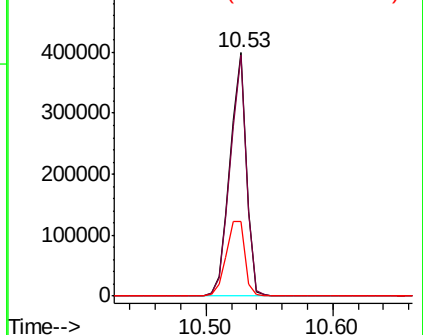


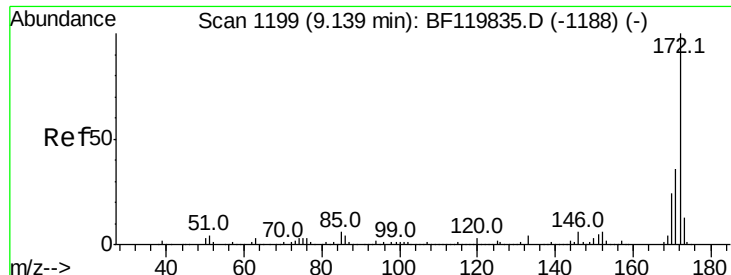
#42
2,4,6-Tribromophenol
Concen: 123.718 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF120098.D
Acq: 21 Apr 2020 13:01

Tgt Ion:330 Resp: 358542
Ion Ratio Lower Upper
330 100
332 97.8 76.8 115.2
141 35.1 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

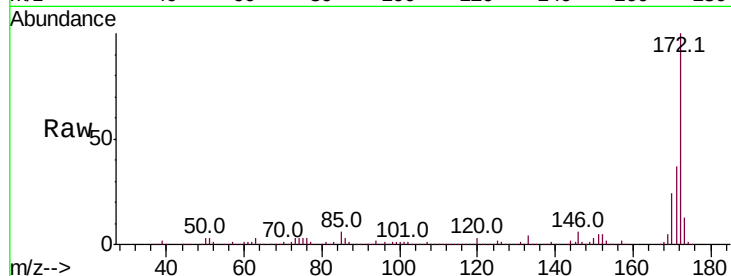




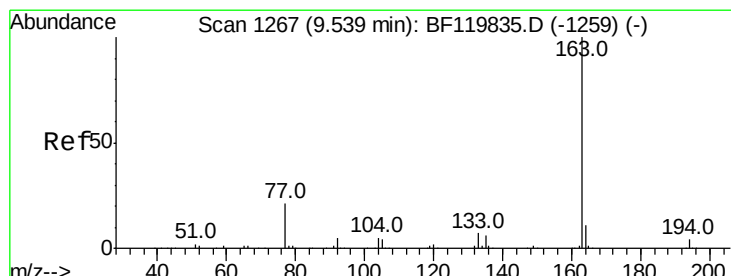
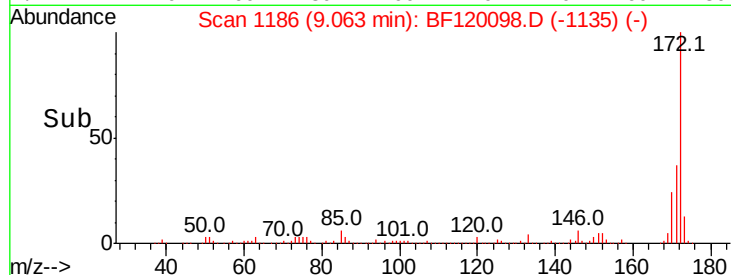
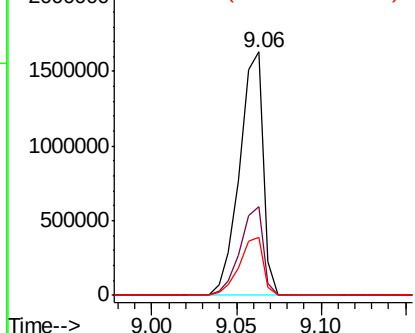
#45
2-Fluorobiphenyl
Concen: 95.413 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF120098.D
Acq: 21 Apr 2020 13:01

Instrument :
BNA_F
ClientSampleId :
PB128341BL

Tot Ion:172 Resp: 1590716
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 24.0 19.4 29.2

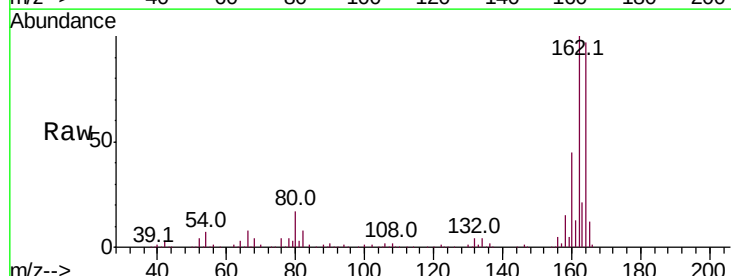


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

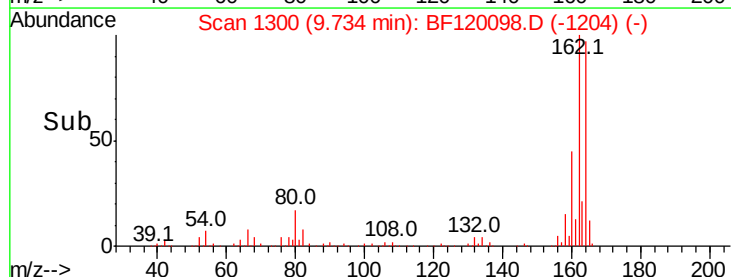
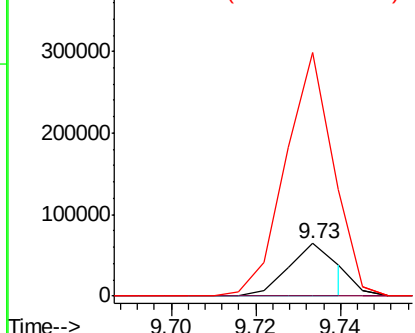


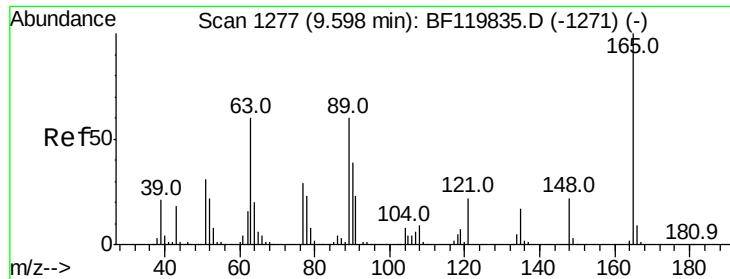
#50
Dimethylphthalate
Concen: 2.796 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.26 min
Lab File: BF120098.D
Acq: 21 Apr 2020 13:01

Tgt Ion:163 Resp: 51192
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 464.1 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

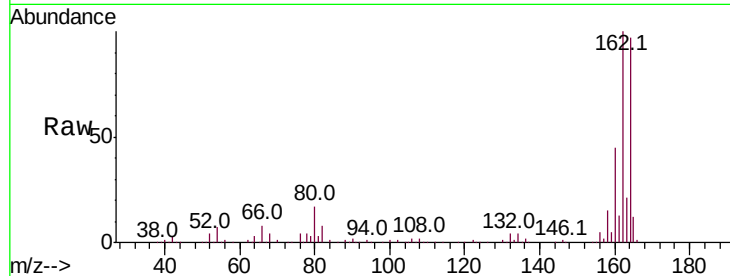




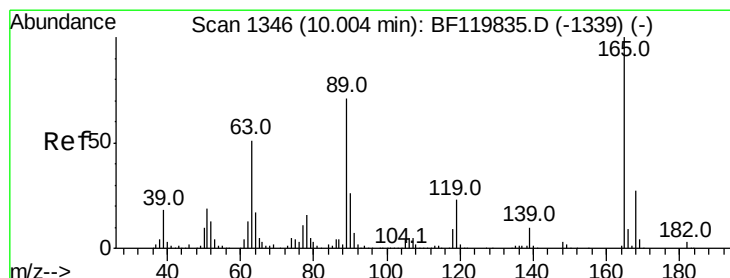
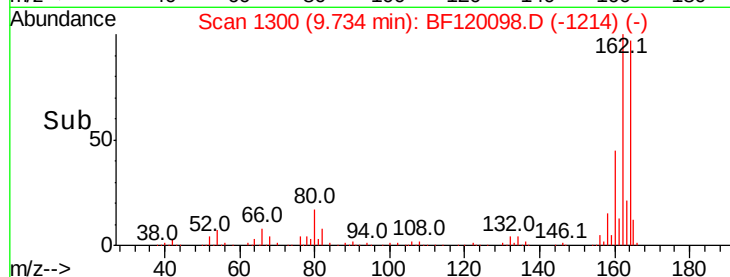
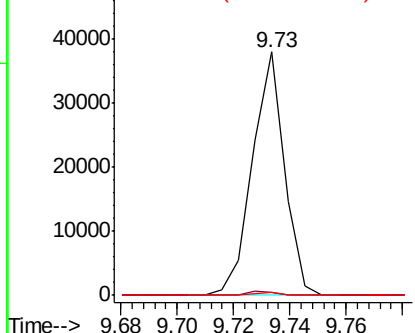
#51
 2,6-Dinitrotoluene
 Concen: 7.439 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.21 min
 Lab File: BF120098.D
 Acq: 21 Apr 2020 13:01

Instrument :
 BNA_F
 ClientSampleId :
 PB128341BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	55.6	83.4#
89	1.2	47.9	71.9#

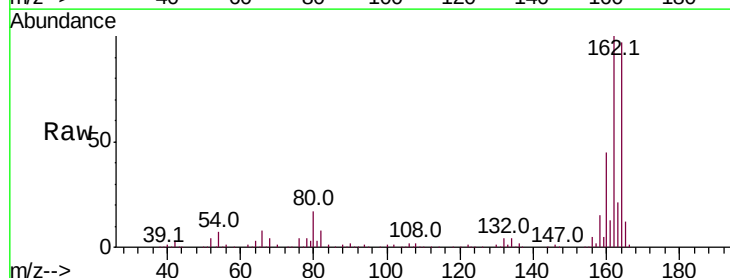


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

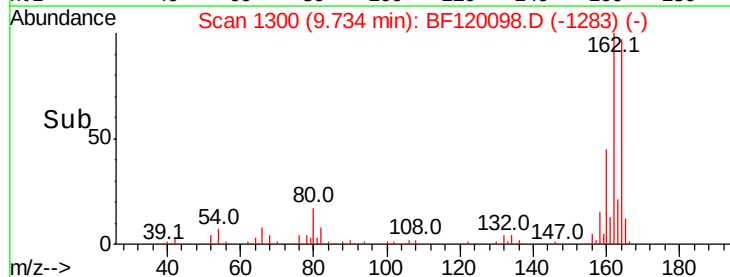
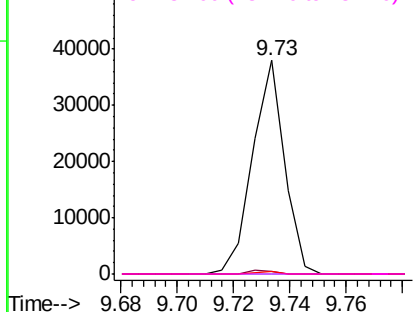


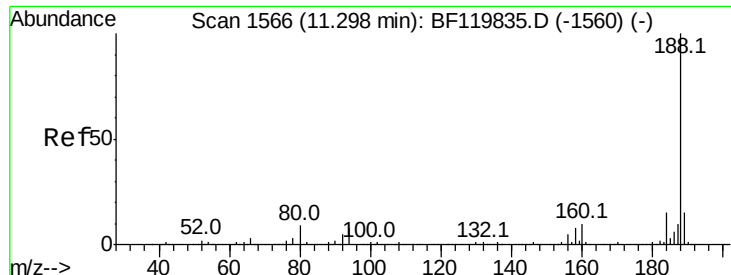
#57
 2,4-Dinitrotoluene
 Concen: 5.646 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF120098.D
 Acq: 21 Apr 2020 13:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.8	61.2#
89	1.2	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: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF120098.D

Acq: 21 Apr 2020 13:01

Instrument :

BNA_F

ClientSampleId :

PB128341BL

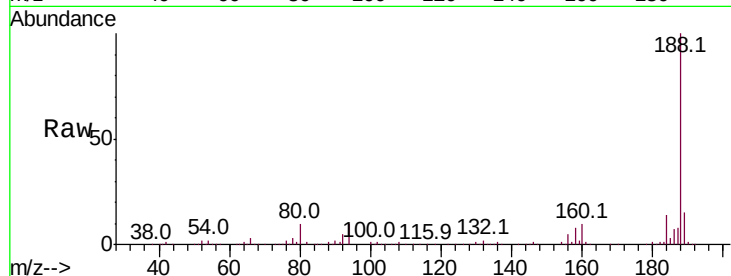
Tot Ion:188 Resp: 466576

Ion Ratio Lower Upper

188 100

94 9.7 6.7 10.1

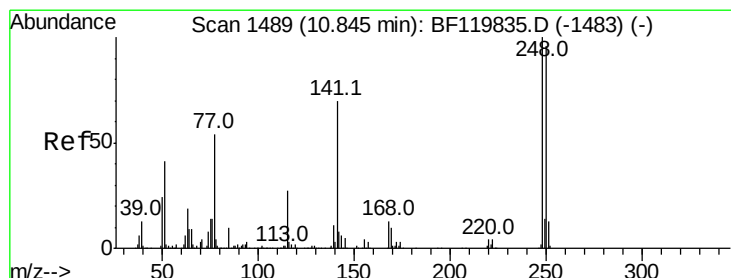
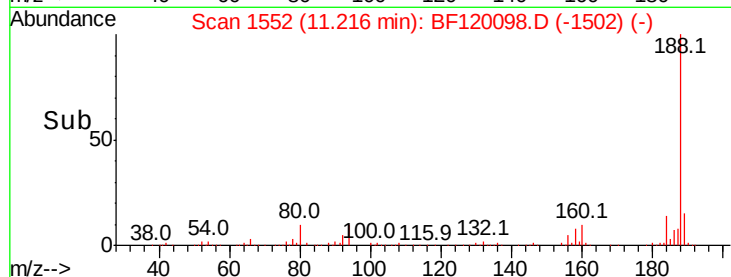
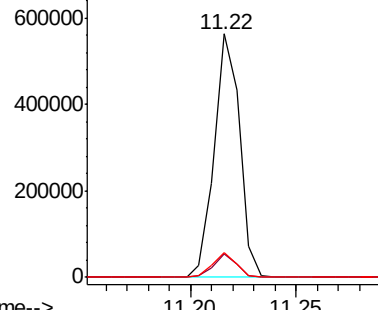
80 9.9 7.4 11.2



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: 3.945 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.24 min

Lab File: BF120098.D

Acq: 21 Apr 2020 13:01

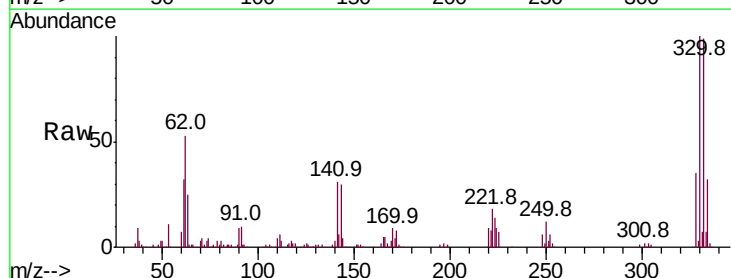
Tgt Ion:248 Resp: 22891

Ion Ratio Lower Upper

248 100

250 187.8 76.6 114.8#

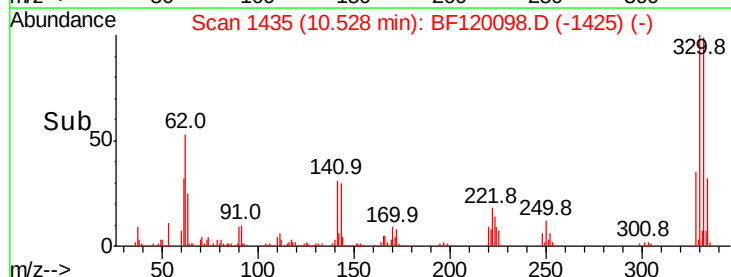
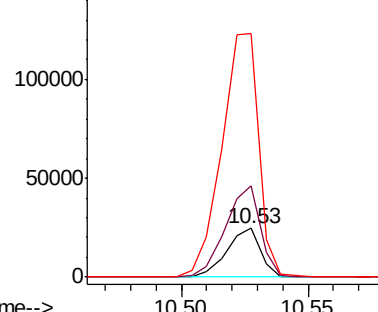
141 500.8 55.9 83.9#

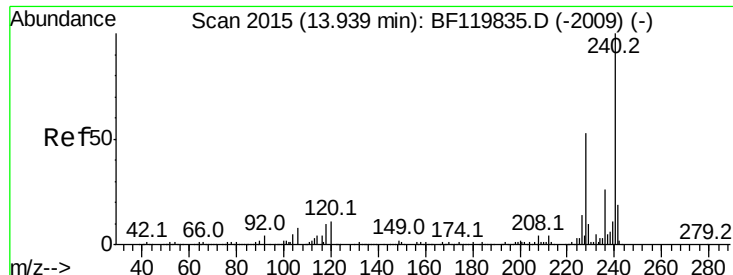


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

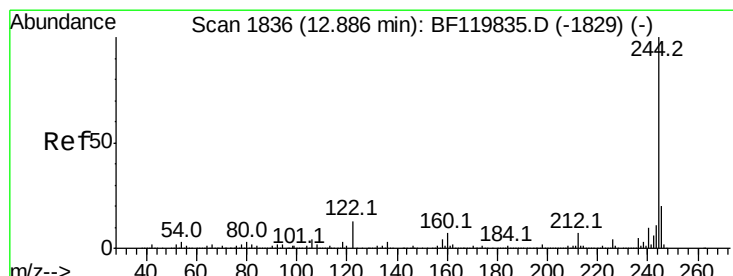
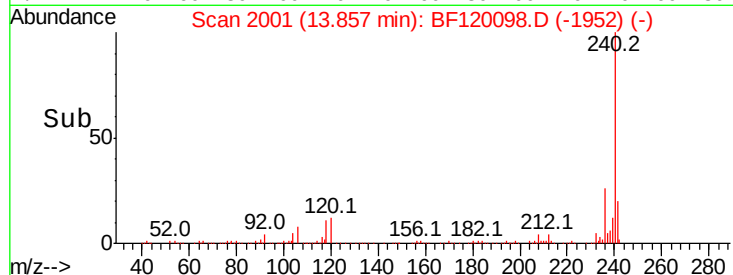
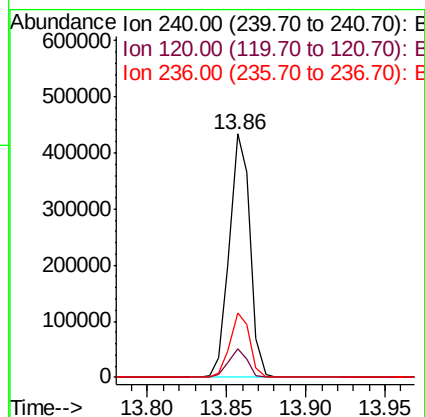
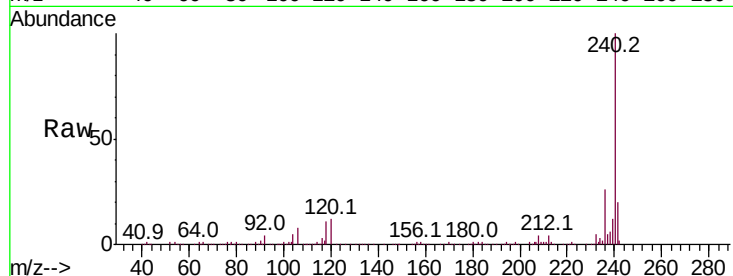




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF120098.D
 Acq: 21 Apr 2020 13:01

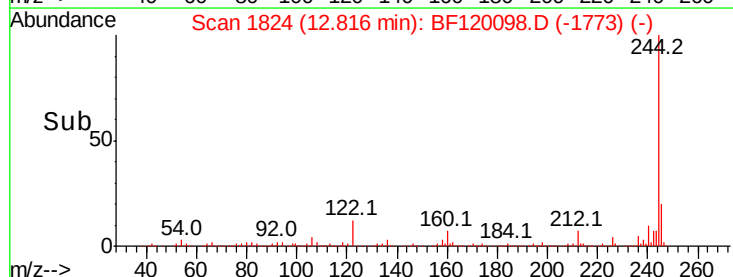
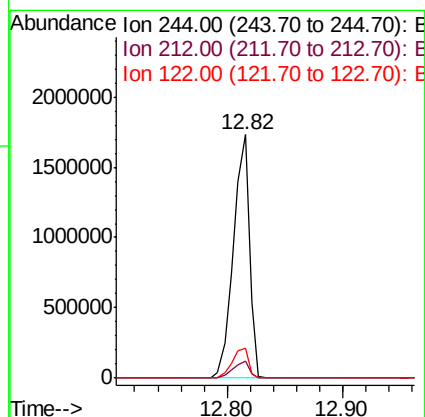
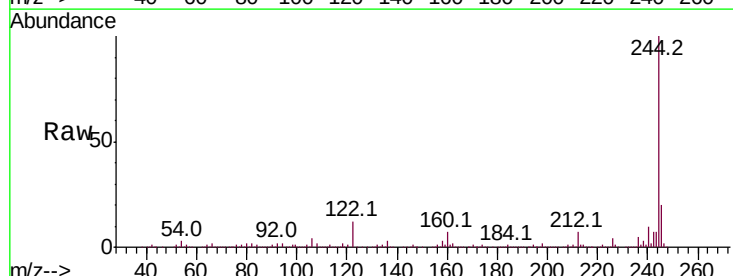
Instrument :
 BNA_F
 ClientSampleId :
 PB128341BL

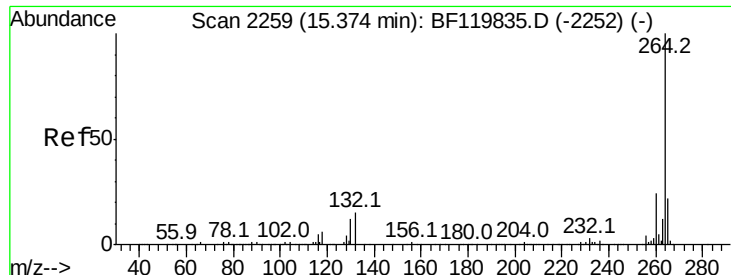
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.0	13.6
236	26.3	20.7	31.1



#79
 Terphenyl-d14
 Concen: 71.476 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BF120098.D
 Acq: 21 Apr 2020 13:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.4	10.3	15.5

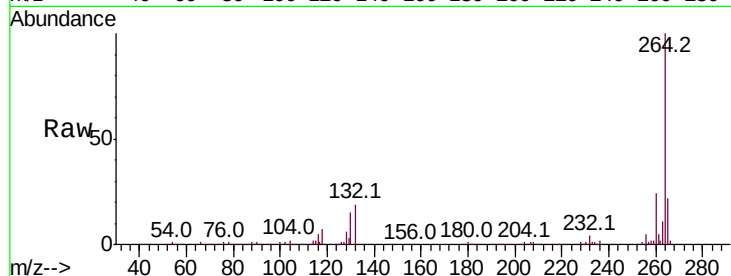




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BF120098.D
 Acq: 21 Apr 2020 13:01

Instrument :
 BNA_F
 ClientSampleId :
 PB128341BL

Tot Ion:	264	Resp:	346726
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.9	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

