

Data File : BF118526.D
Acq On : 10 Jan 2020 20:35
Operator : JU
Sample : L1070-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-200030

Quant Time: Jan 11 02:55:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	83411	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	322929	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	168275	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	269311	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	187998	20.00	ng	-0.01
87) Perylene-d12	15.52	264	197883	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	518248	102.56	ng	0.02
7) Phenol-d6	6.47	99	541069	89.57	ng	0.00
23) Nitrobenzene-d5	7.40	82	484173	78.76	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	252928	127.38	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1049134	89.42	ng	-0.01
79) Terphenyl-d14	12.96	244	1200000	101.15	ng	0.00

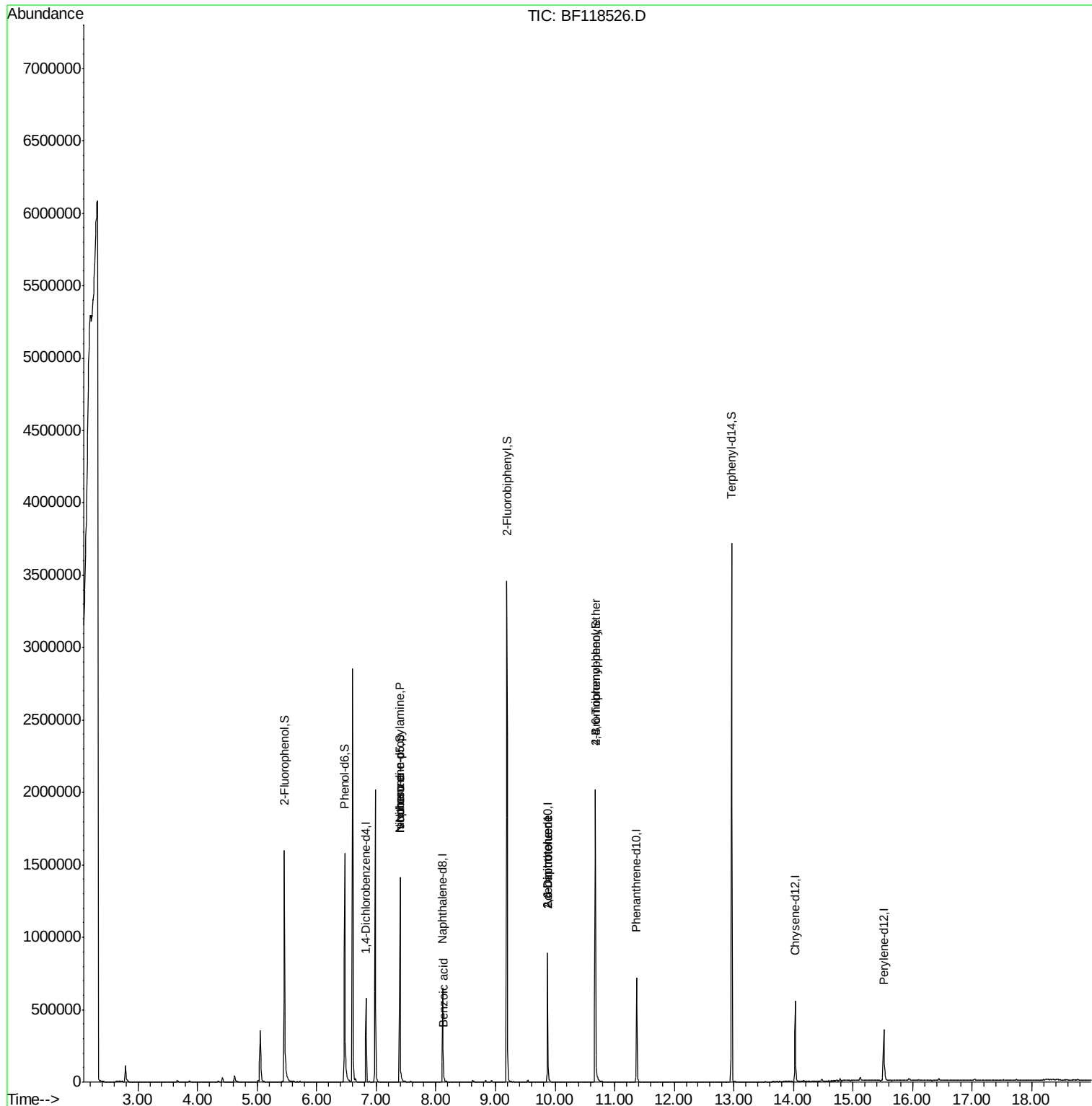
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.40	70	67279	17.291	ng	# 75
25) Isophorone	7.40	82	484169	49.163	ng	# 63
32) Benzoic acid	8.13	122	121	6.519	ng	# 1
51) 2,6-Dinitrotoluene	9.87	165	21309	7.662	ng	# 23
57) 2,4-Dinitrotoluene	9.87	165	21309	5.722	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	15533	4.924	ng	# 1
77) Benzidine	12.96	184	18158	Below Cal		# 93

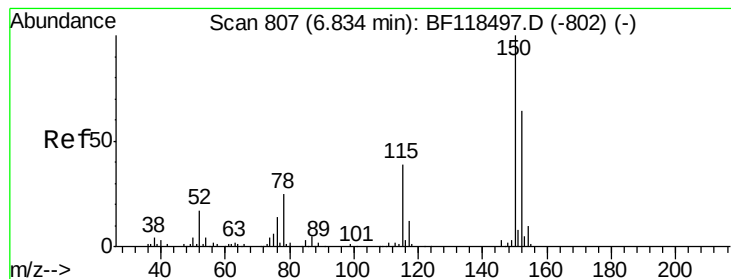
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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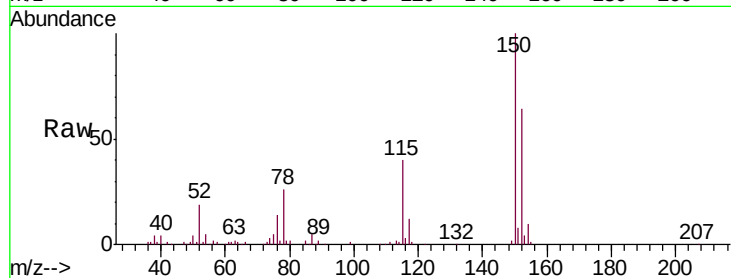


#1

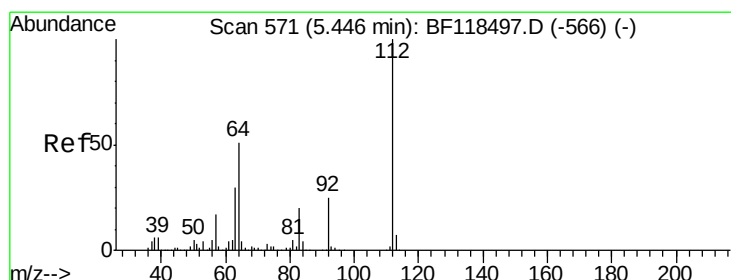
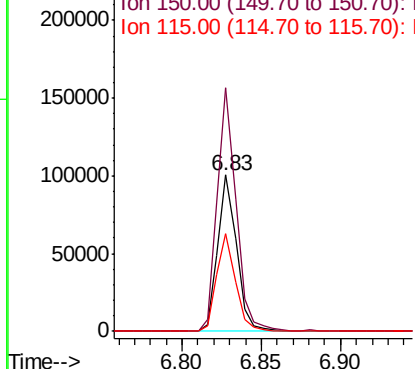
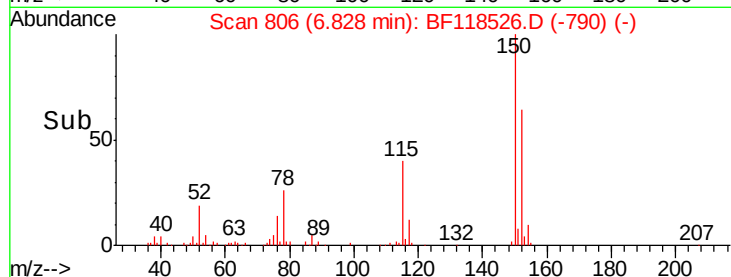
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118526.D
Acq: 10 Jan 2020 20:35

Instrument :
BNA_F
ClientSampleId :
RBR-200030

Tgt Ion:152 Resp: 83411
Ion Ratio Lower Upper
152 100
150 155.7 124.7 187.1
115 62.7 49.0 73.6



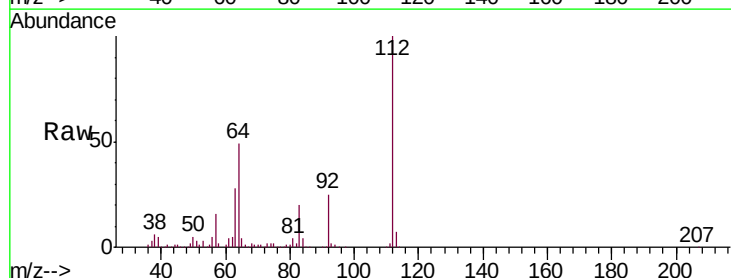
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



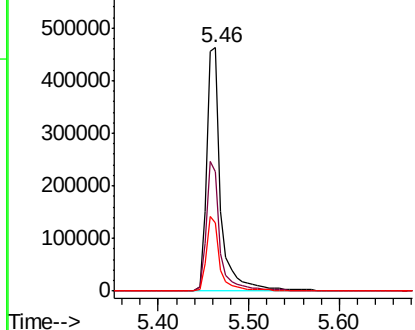
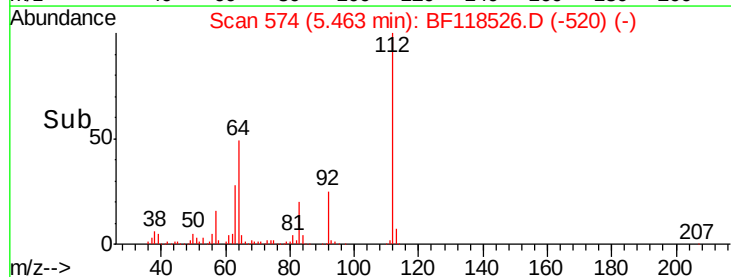
#5

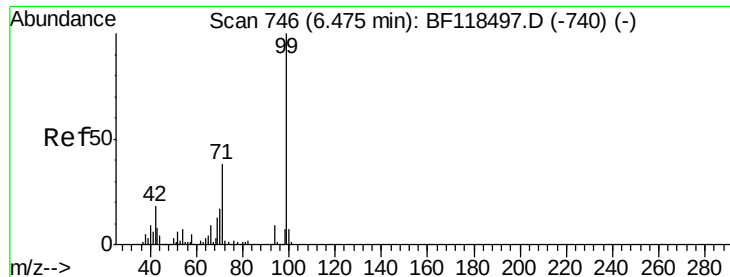
2-Fluorophenol
Concen: 102.564 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF118526.D
Acq: 10 Jan 2020 20:35

Tgt Ion:112 Resp: 518248
Ion Ratio Lower Upper
112 100
64 49.0 41.1 61.7
63 28.0 24.1 36.1



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: 89.565 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF118526.D

Acq: 10 Jan 2020 20:35

Instrument :

BNA_F

ClientSampleId :

RBR-200030

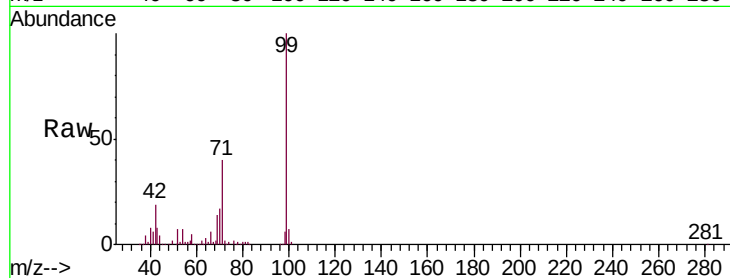
Tgt Ion: 99 Resp: 541069

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

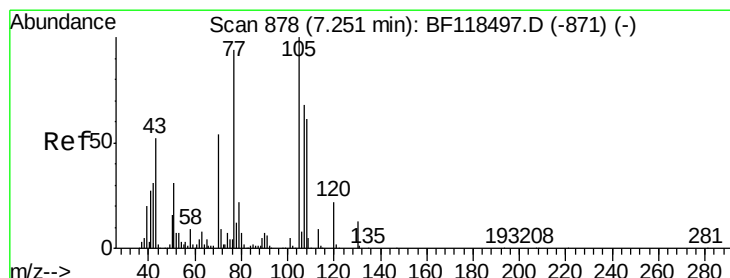
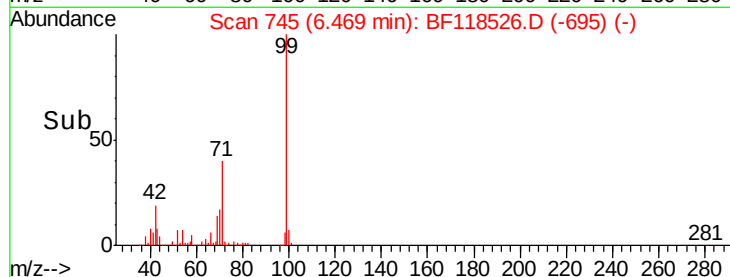
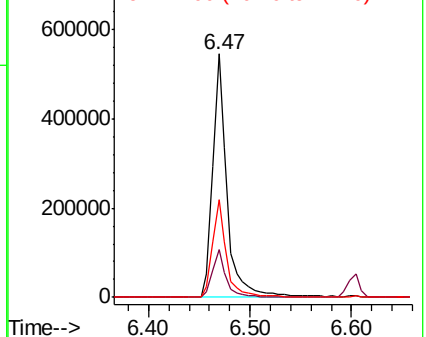
71 40.1 30.6 45.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.291 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.15 min

Lab File: BF118526.D

Acq: 10 Jan 2020 20:35

Tgt Ion: 70 Resp: 67279

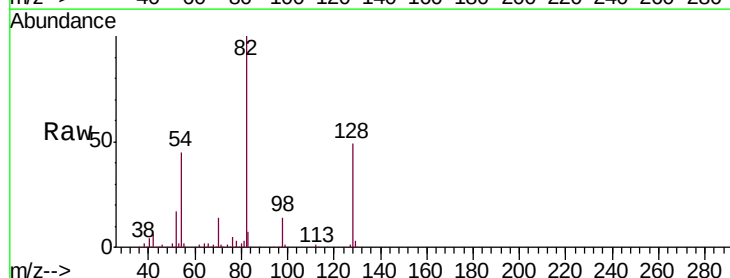
Ion Ratio Lower Upper

70 100

42 45.0 45.6 68.4#

101 0.0 8.2 12.2#

130 2.4 19.2 28.8#

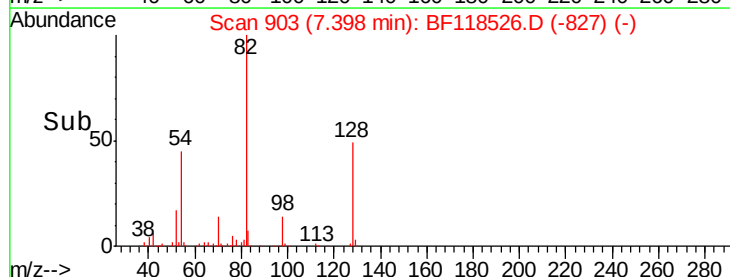
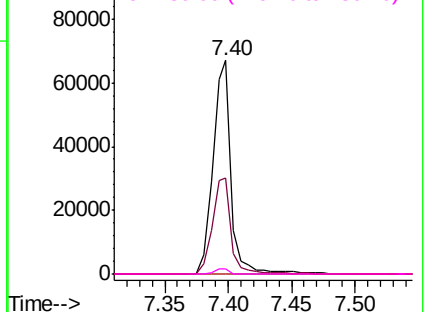


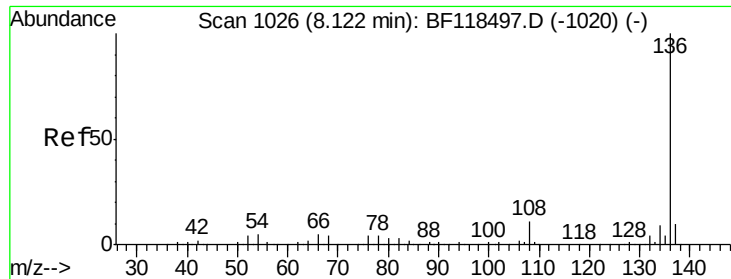
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

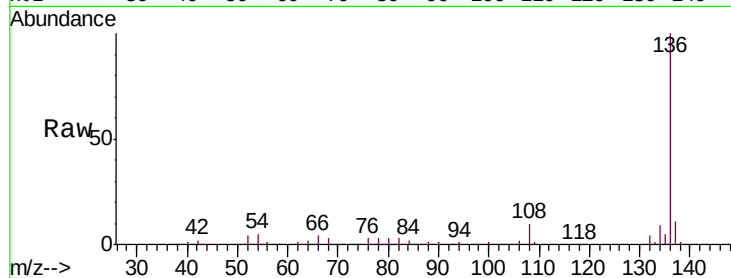




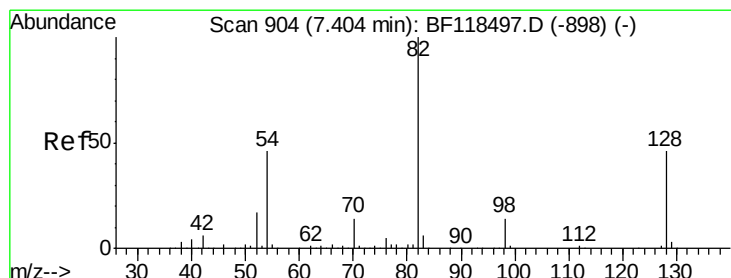
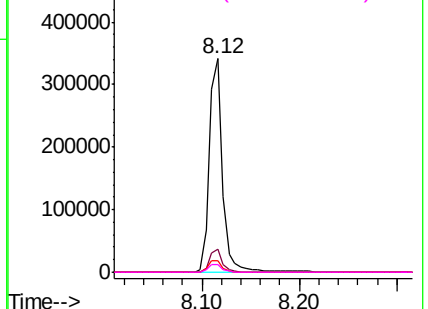
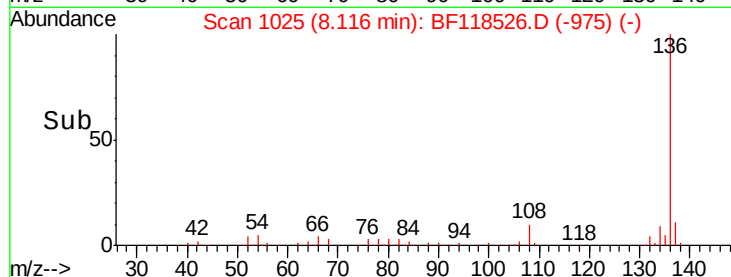
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF118526.D
Acq: 10 Jan 2020 20:35

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BNA_F
ClientSampleId :
RBR-200030

Tgt Ion:	136	Resp:	322929
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.3	12.5
54	5.2	4.2	6.2
68	3.4	3.3	4.9

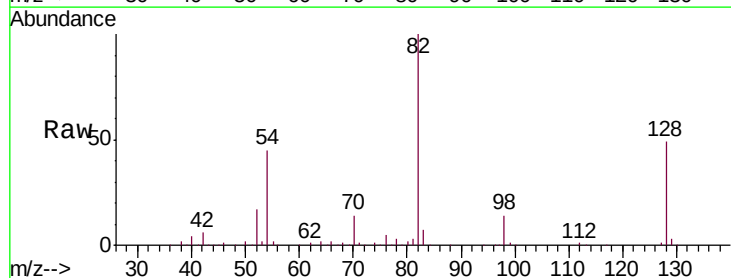


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

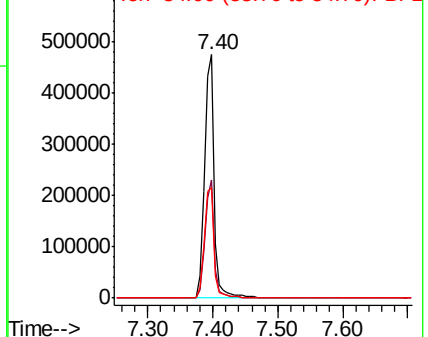
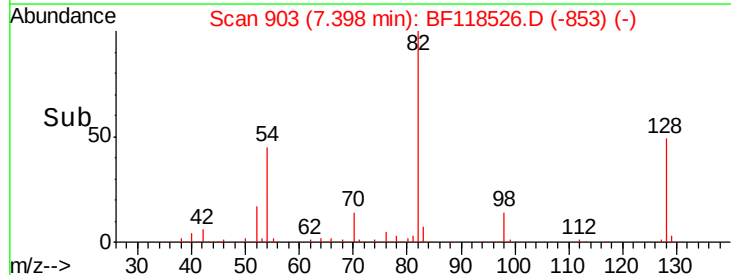


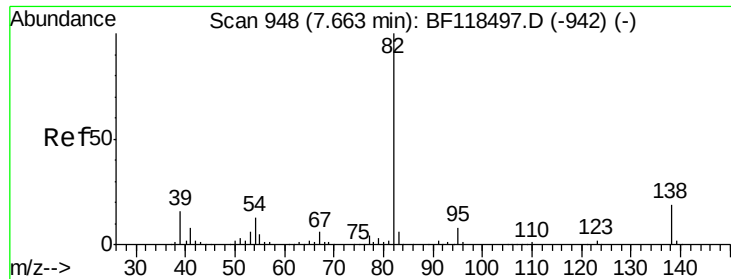
#23
Nitrobenzene-d5
Concen: 78.761 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118526.D
Acq: 10 Jan 2020 20:35

Tgt Ion:	82	Resp:	484173
Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.6	54.8
54	45.4	37.0	55.6



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: 49.163 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF118526.D

Acq: 10 Jan 2020 20:35

Instrument :

BNA_F

ClientSampleId :

RBR-200030

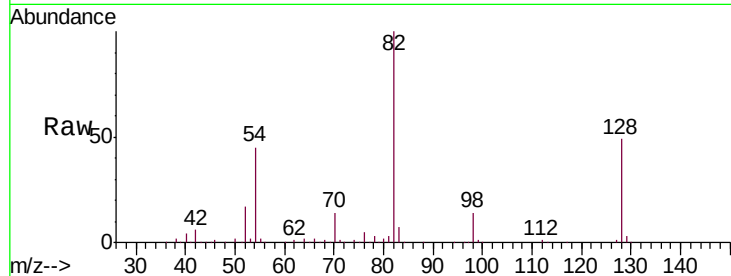
Tgt Ion: 82 Resp: 484169

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

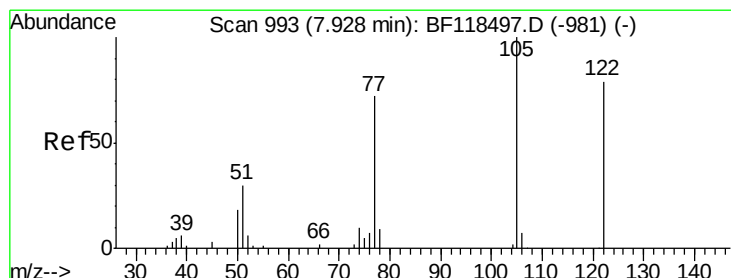
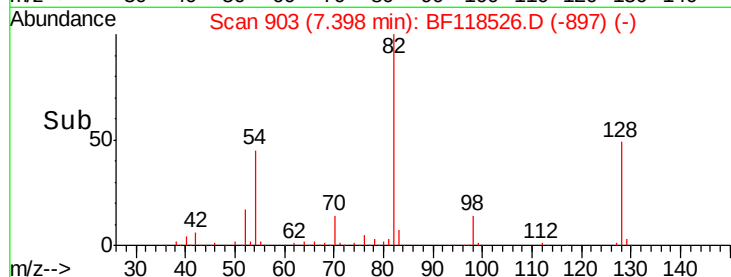
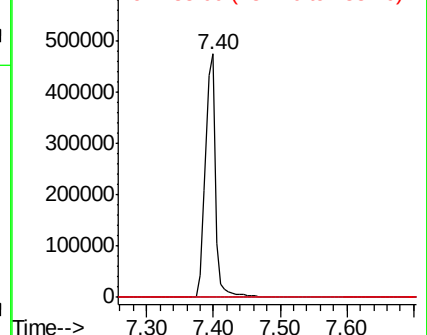
138 0.0 15.4 23.2#



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



#32

Benzoic acid

Concen: 6.519 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.21 min

Lab File: BF118526.D

Acq: 10 Jan 2020 20:35

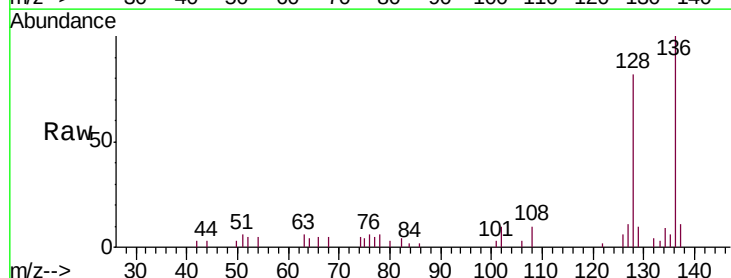
Tgt Ion: 122 Resp: 121

Ion Ratio Lower Upper

122 100

105 0.0 105.7 145.7#

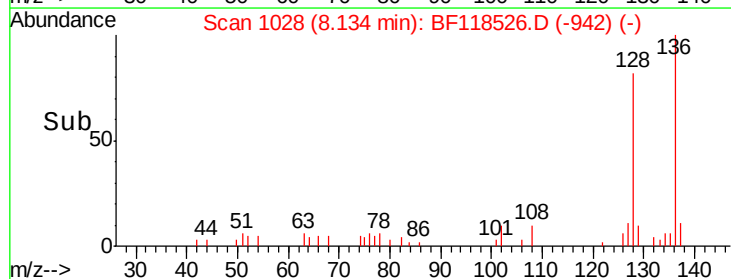
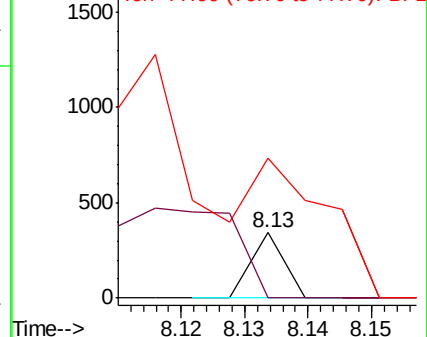
77 215.2 71.0 111.0#

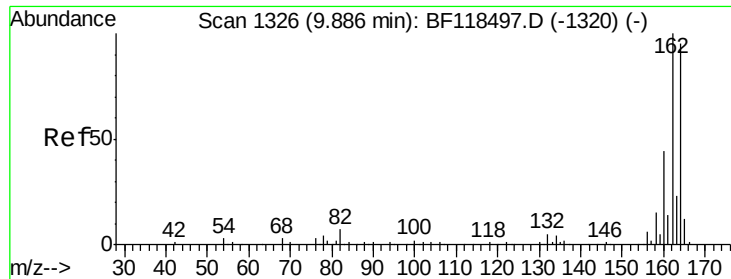


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

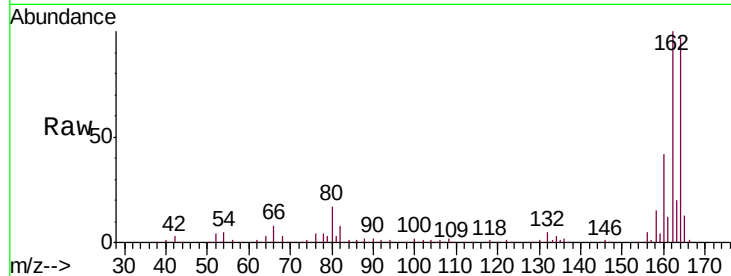




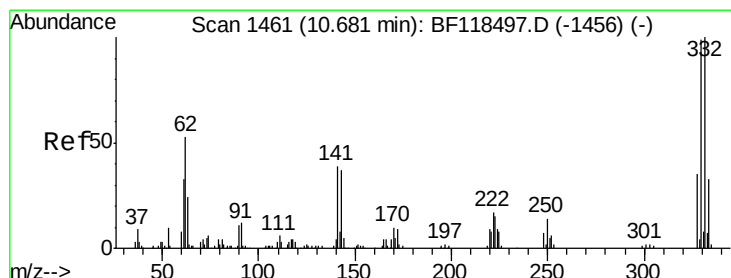
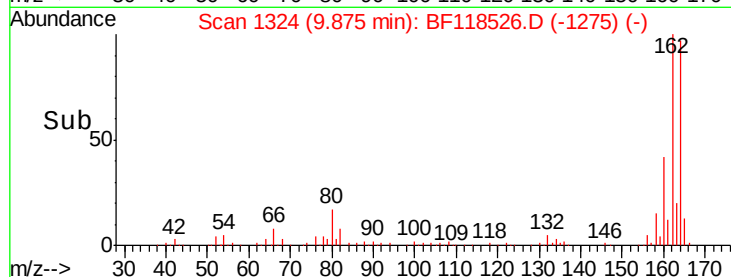
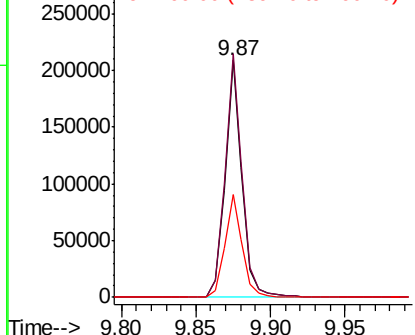
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF118526.D
Acq: 10 Jan 2020 20:35

Instrument :
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ClientSampleId :
RBR-200030

Tgt Ion:164 Resp: 168275
Ion Ratio Lower Upper
164 100
162 102.8 84.2 126.4
160 43.4 36.8 55.2

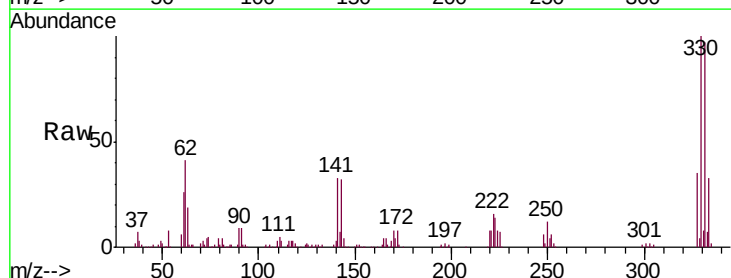


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

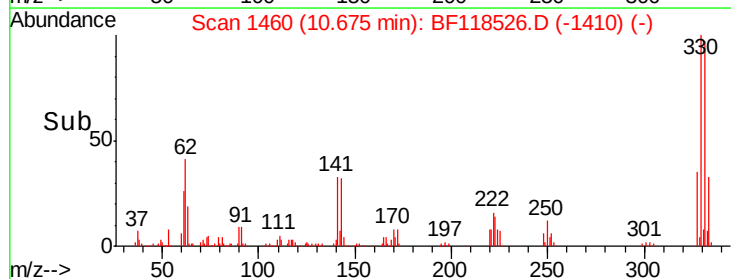
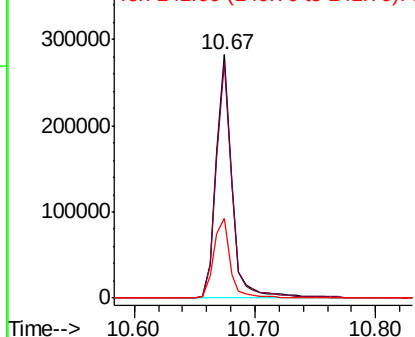


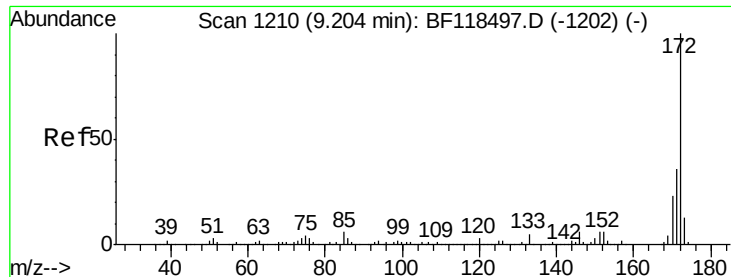
#42
2,4,6-Tribromophenol
Concen: 127.380 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF118526.D
Acq: 10 Jan 2020 20:35

Tgt Ion:330 Resp: 252928
Ion Ratio Lower Upper
330 100
332 98.7 77.9 116.9
141 35.0 28.6 43.0



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

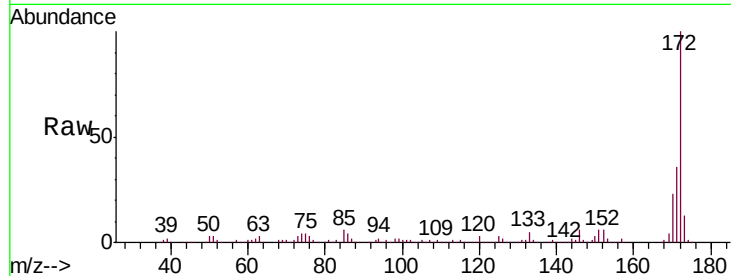




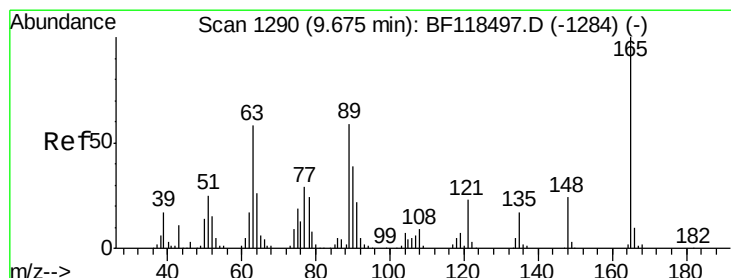
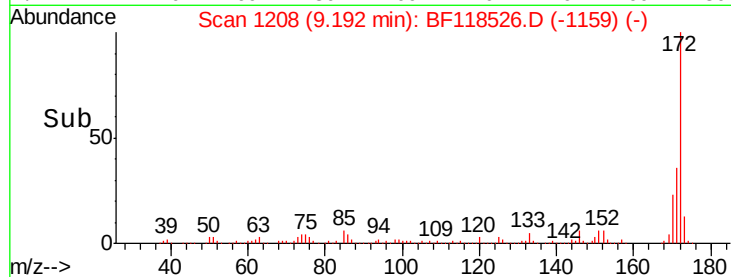
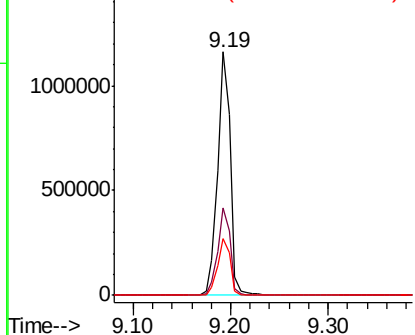
#45
 2-Fluorobiphenyl
 Concen: 89.417 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF118526.D
 Acq: 10 Jan 2020 20:35

Instrument :
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Tgt Ion:172 Resp: 1049134
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 42.8
 170 23.4 18.6 27.8

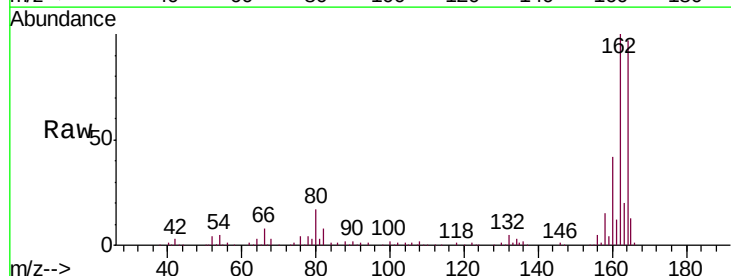


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

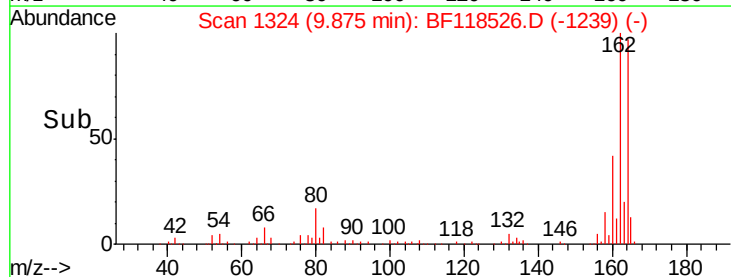
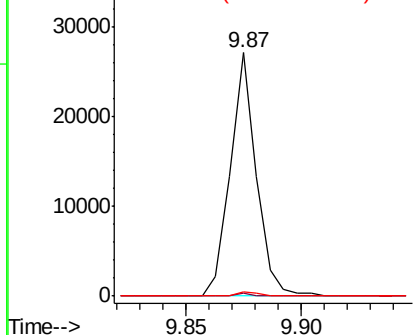


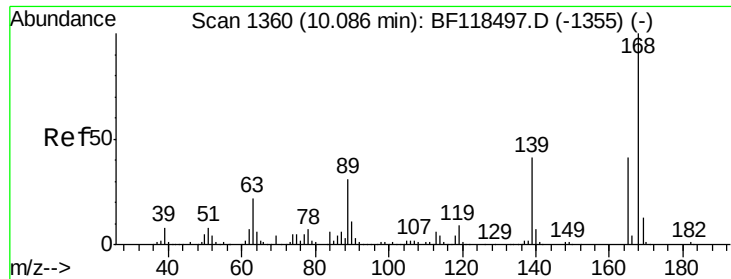
#51
 2,6-Dinitrotoluene
 Concen: 7.662 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.20 min
 Lab File: BF118526.D
 Acq: 10 Jan 2020 20:35

Tgt Ion:165 Resp: 21309
 Ion Ratio Lower Upper
 165 100
 63 1.3 46.6 70.0#
 89 1.7 47.5 71.3#



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

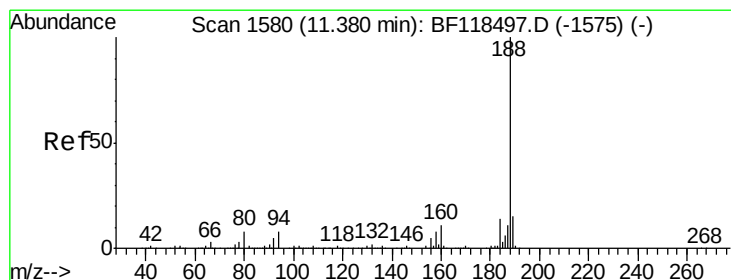
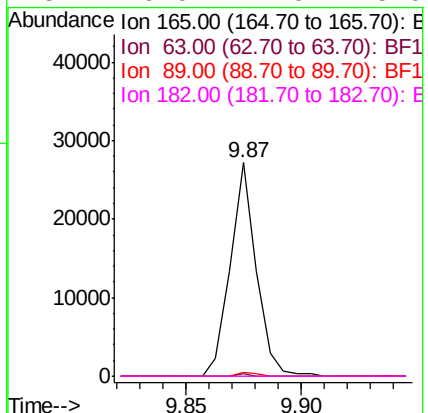
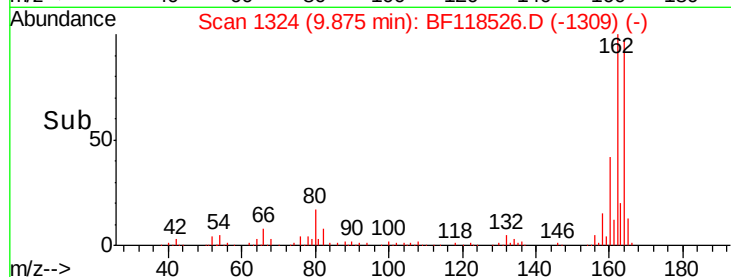
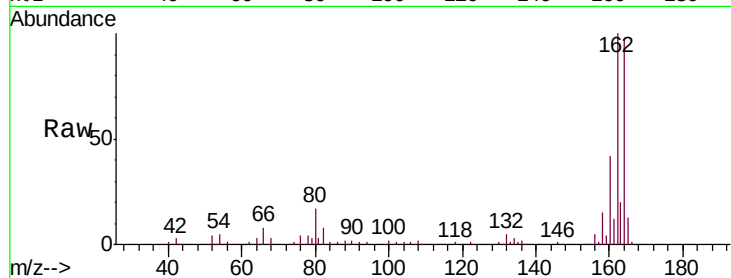




#57
 2,4-Dinitrotoluene
 Concen: 5.722 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF118526.D
 Acq: 10 Jan 2020 20:35

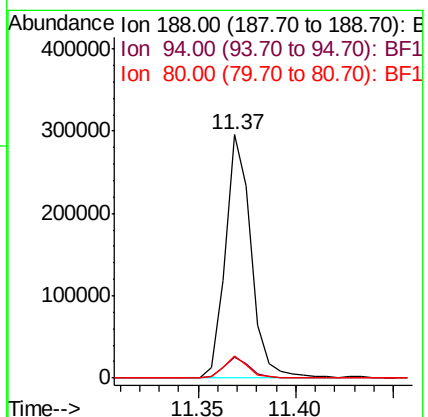
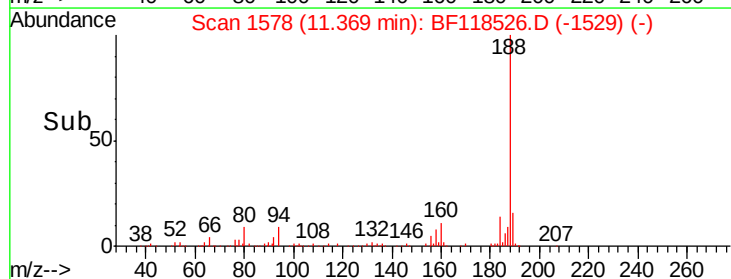
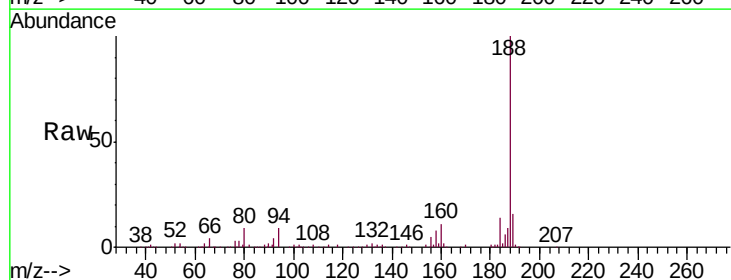
Instrument :
 BNA_F
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 RBR-200030

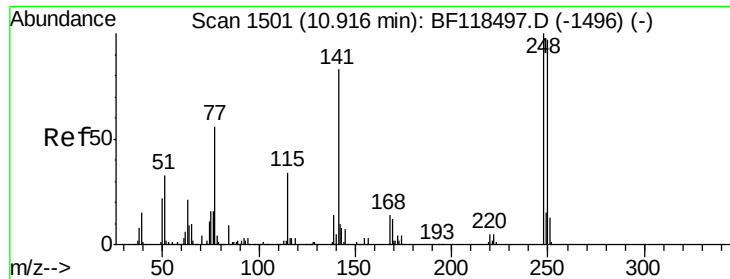
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.1	66.1#
89	1.7	60.4	90.6#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF118526.D
 Acq: 10 Jan 2020 20:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.2	9.4
80	9.1	6.6	10.0

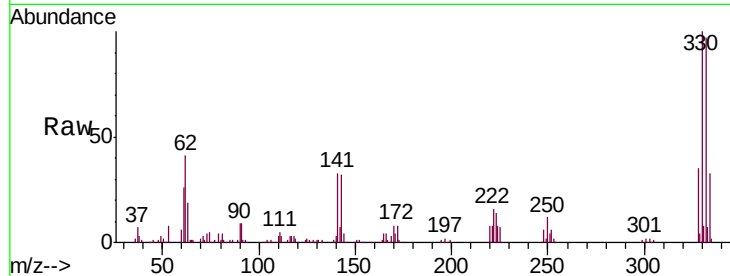




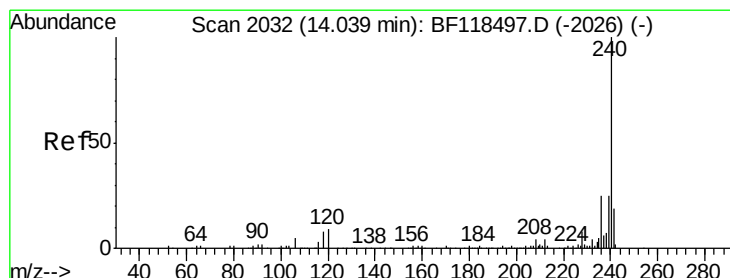
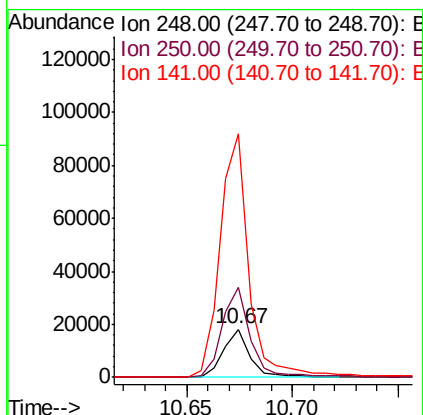
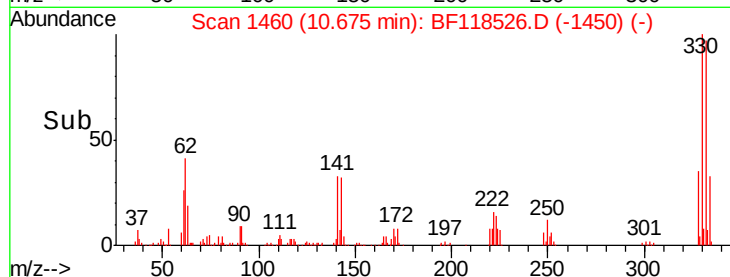
#67
 4-Bromophenyl-phenylether
 Concen: 4.924 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF118526.D
 Acq: 10 Jan 2020 20:35

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200030

Tgt Ion:248 Resp: 15533
 Ion Ratio Lower Upper
 248 100
 250 187.8 77.4 116.0#
 141 508.5 66.2 99.4#

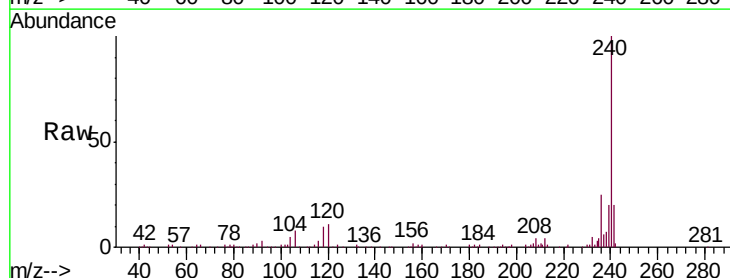


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

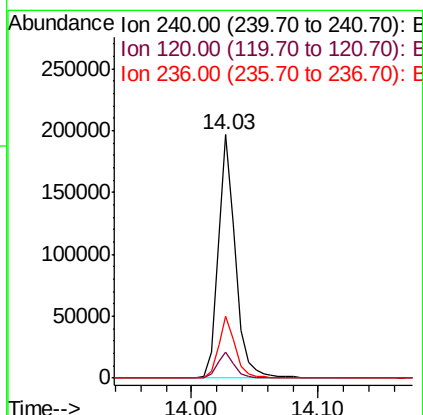
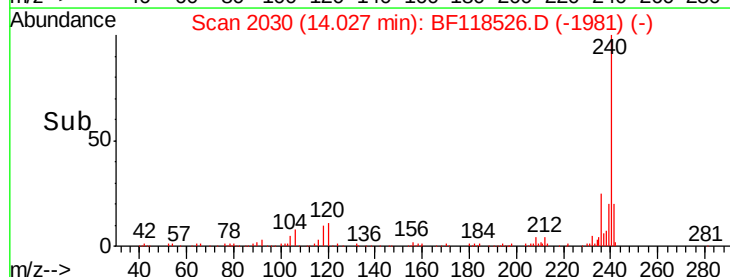


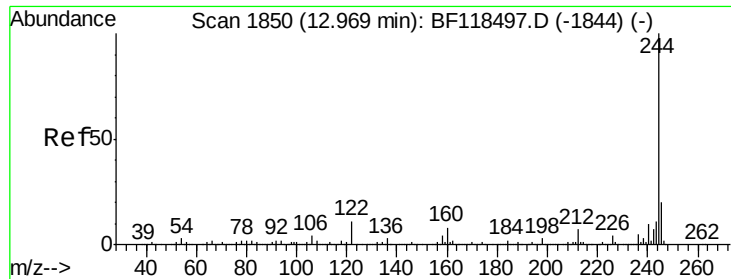
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF118526.D
 Acq: 10 Jan 2020 20:35

Tgt Ion:240 Resp: 187998
 Ion Ratio Lower Upper
 240 100
 120 10.9 7.0 10.6#
 236 25.4 20.1 30.1



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

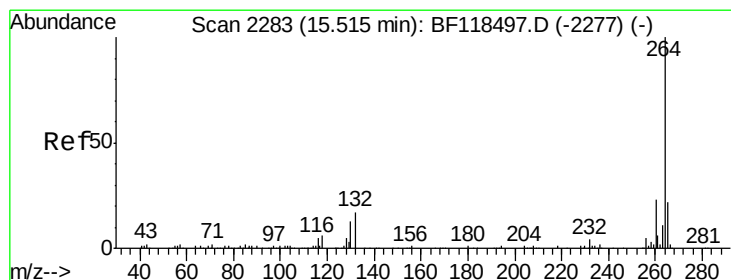
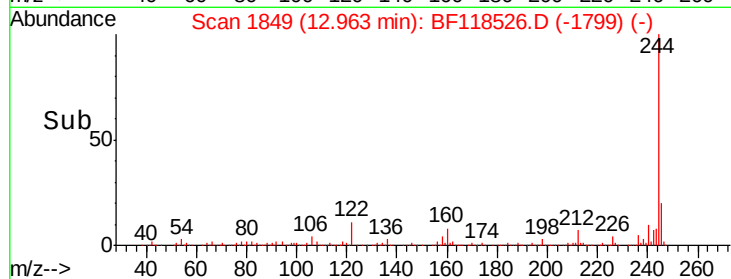
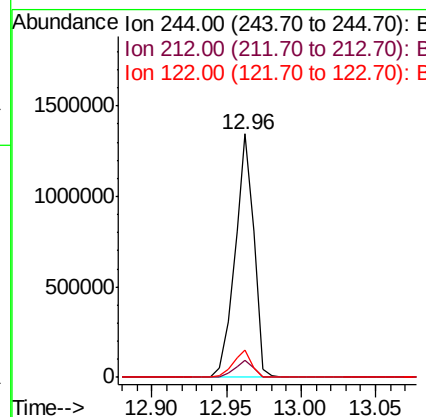
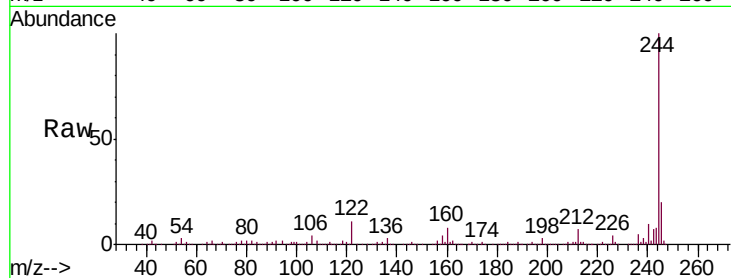




#79
 Terphenyl-d14
 Concen: 101.151 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF118526.D
 Acq: 10 Jan 2020 20:35

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200030

Tgt Ion:244 Resp: 1200000
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.4 9.0 13.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BF118526.D
 Acq: 10 Jan 2020 20:35

Tgt Ion:264 Resp: 197883
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.8 28.2
 265 20.5 17.5 26.3

