

Data File : BF118528.D
Acq On : 10 Jan 2020 21:31
Operator : JU
Sample : L1084-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AF-1

Quant Time: Jan 11 02:56:24 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

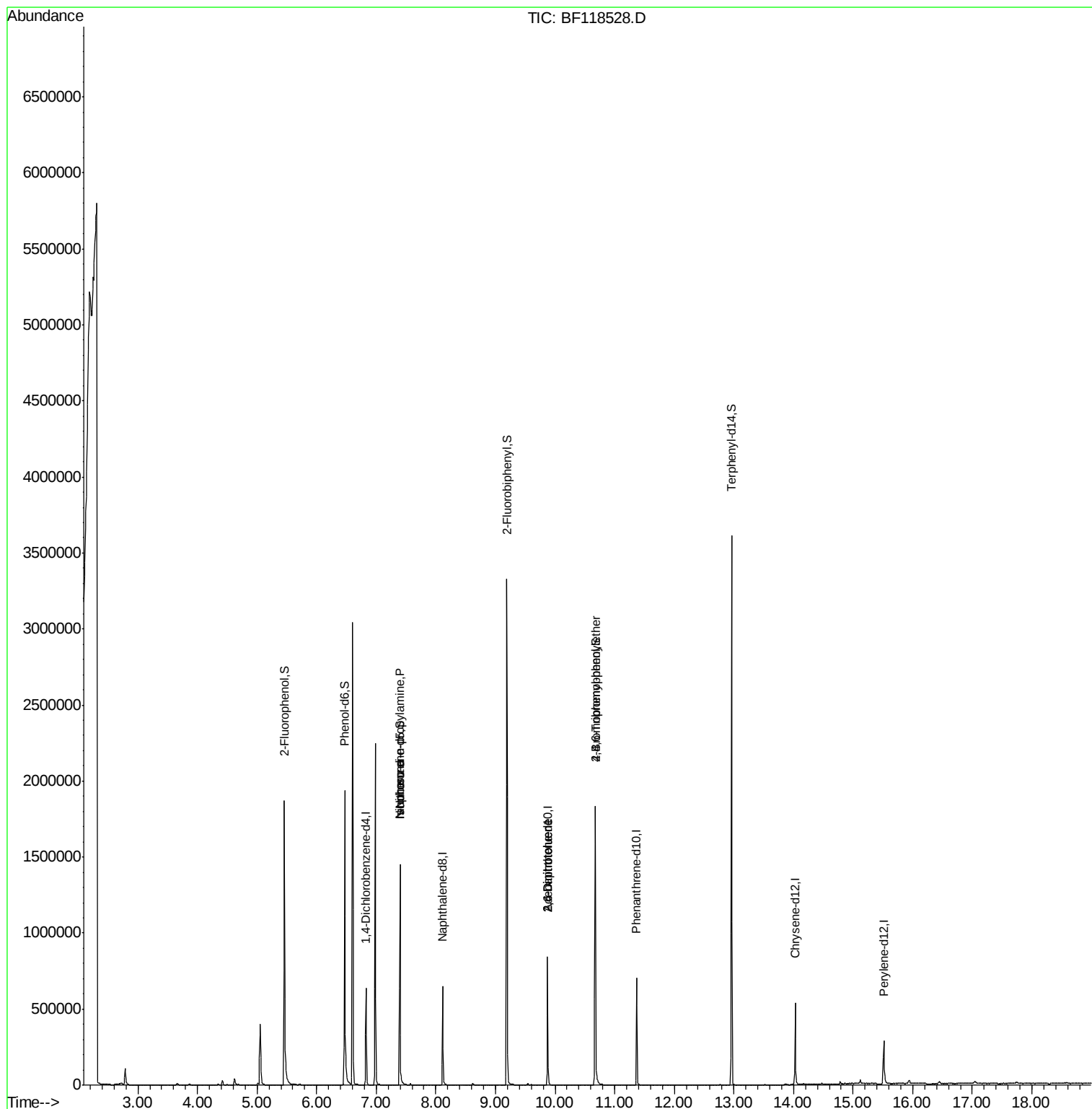
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	90512	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	336120	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	168256	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	265088	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	179469	20.00	ng	-0.01
87) Perylene-d12	15.52	264	158739	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	613675	111.92	ng	0.01
7) Phenol-d6	6.47	99	700436	106.85	ng	0.00
23) Nitrobenzene-d5	7.40	82	508690	79.50	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	247004	124.41	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	988205	84.23	ng	-0.01
79) Terphenyl-d14	12.96	244	1126129	99.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	69793	16.530	ng	# 75
25) Isophorone	7.40	82	508683	49.625	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	21773	7.829	ng	# 23
57) 2,4-Dinitrotoluene	9.87	165	21773	5.847	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	14580	4.696	ng	# 1
77) Benzidine	12.96	184	16214	Below Cal		# 92

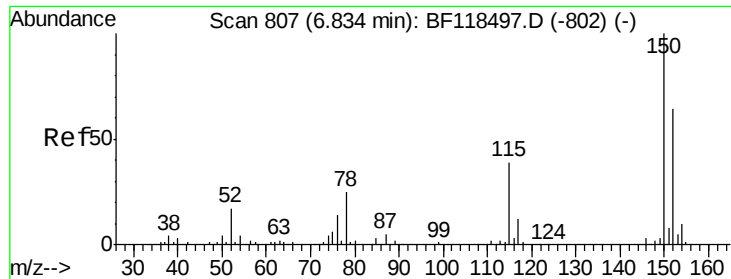
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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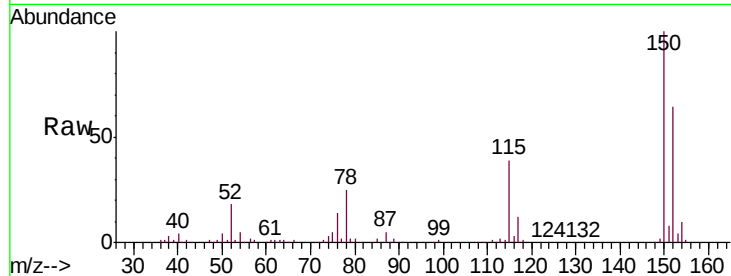




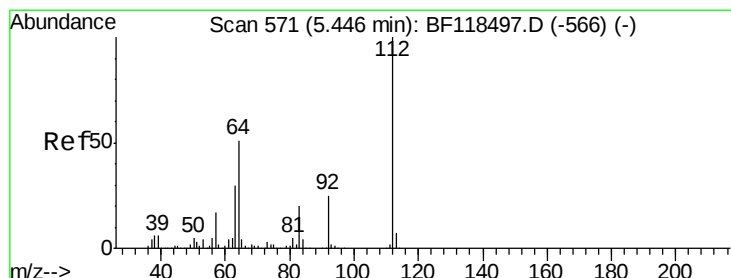
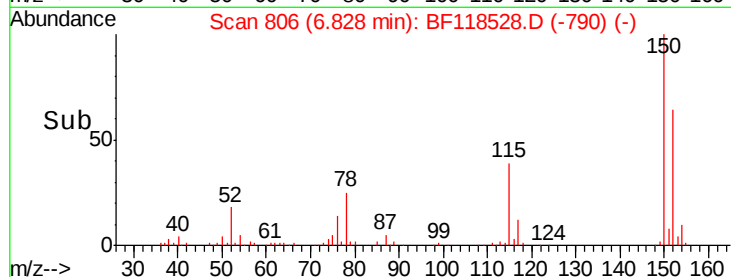
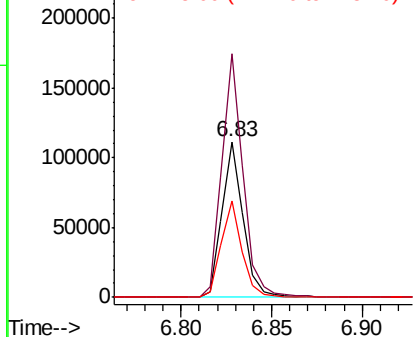
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF118528.D
 Acq: 10 Jan 2020 21:31

Instrument :
 BNA_F
 ClientSampleId :
 AF-1

Tgt Ion:152 Resp: 90512
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.7 187.1
 115 61.7 49.0 73.6

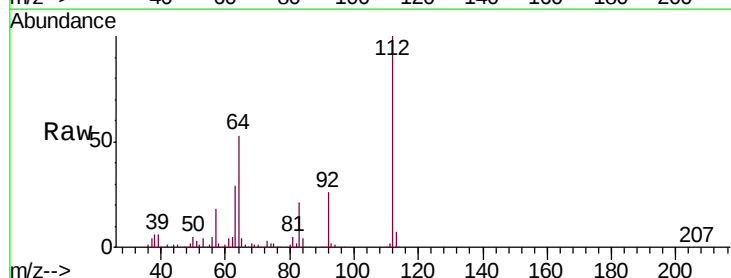


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

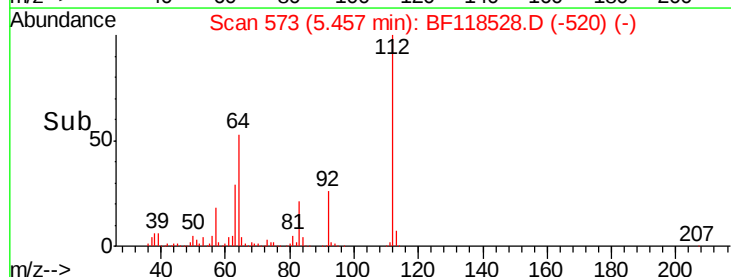
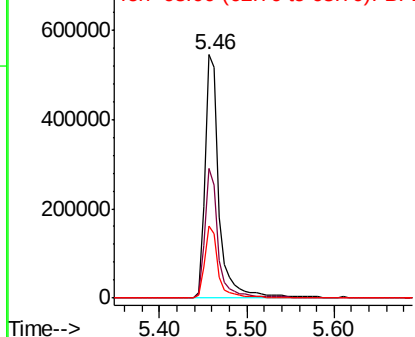


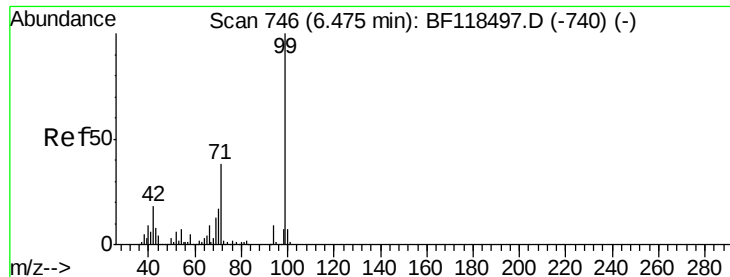
#5
 2-Fluorophenol
 Concen: 111.921 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF118528.D
 Acq: 10 Jan 2020 21:31

Tgt Ion:112 Resp: 613675
 Ion Ratio Lower Upper
 112 100
 64 53.4 41.1 61.7
 63 29.4 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: 106.849 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF118528.D

Acq: 10 Jan 2020 21:31

Instrument :

BNA_F

ClientSampleId :

AF-1

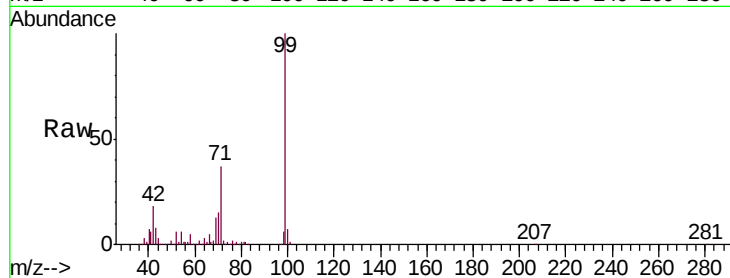
Tgt Ion: 99 Resp: 700436

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

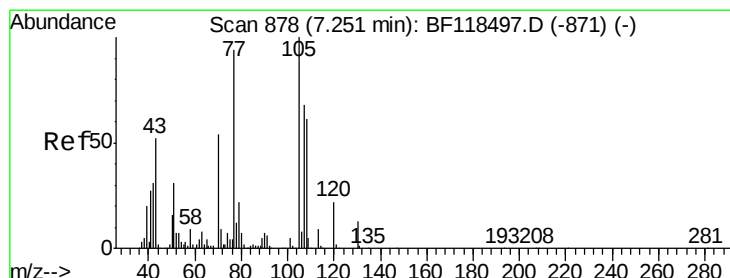
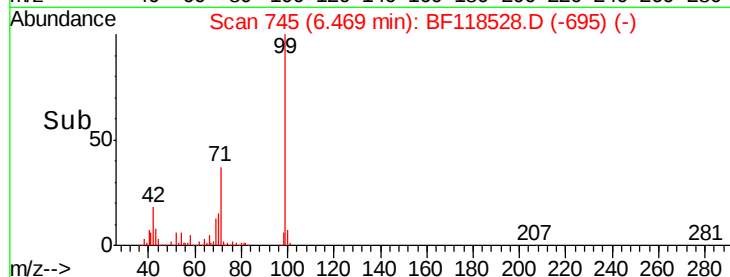
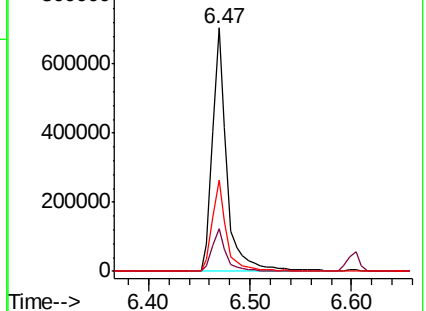
71 37.3 30.6 45.8



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: 16.530 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.15 min

Lab File: BF118528.D

Acq: 10 Jan 2020 21:31

Tgt Ion: 70 Resp: 69793

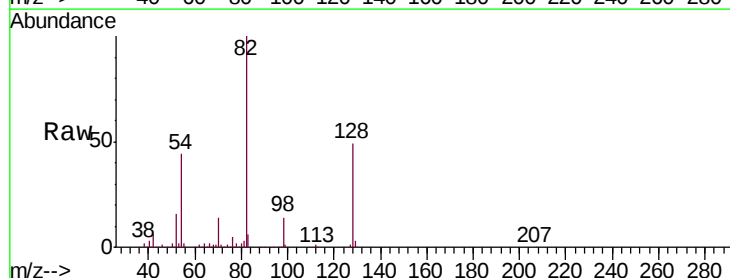
Ion Ratio Lower Upper

70 100

42 44.2 45.6 68.4#

101 0.0 8.2 12.2#

130 2.6 19.2 28.8#

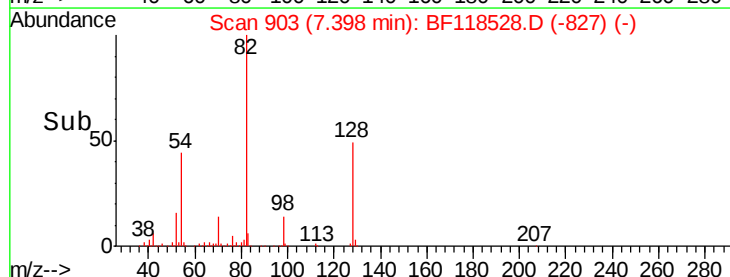
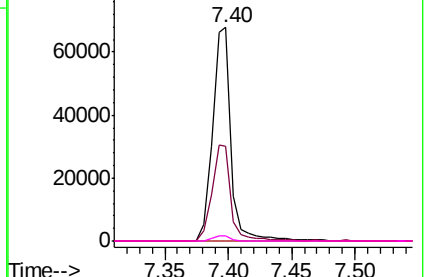


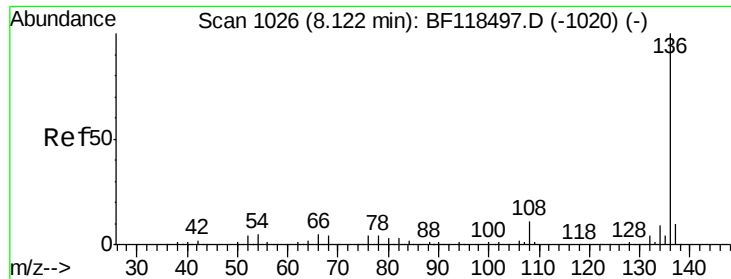
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

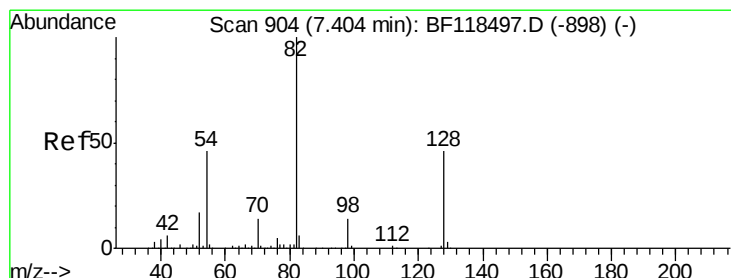
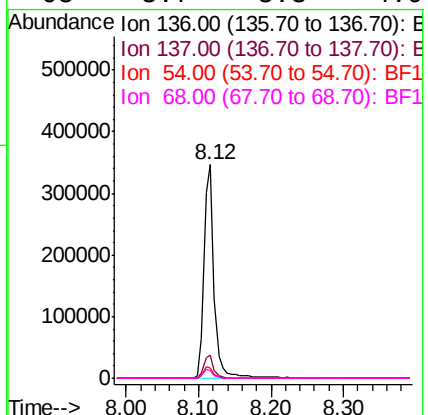
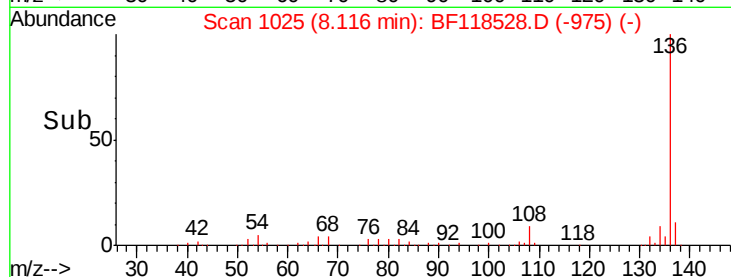
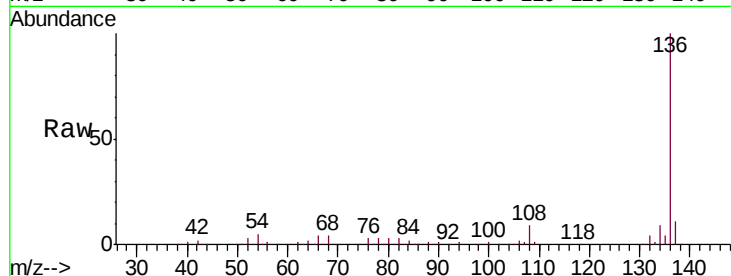




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF118528.D
Acq: 10 Jan 2020 21:31

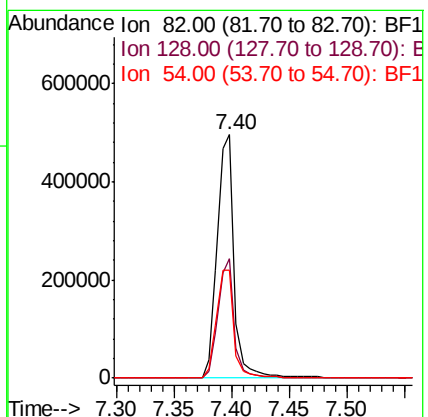
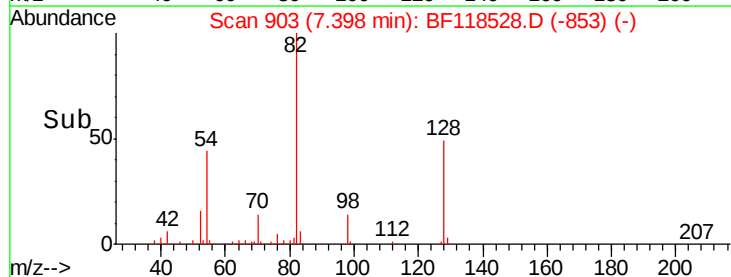
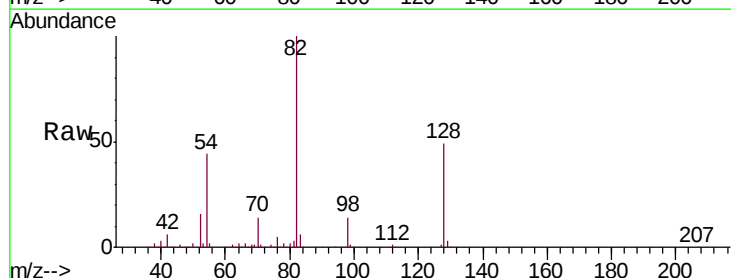
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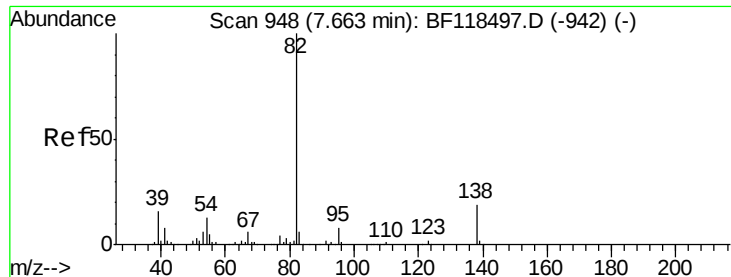
Tgt Ion:	136	Resp:	336120
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.3	12.5
54	4.7	4.2	6.2
68	3.7	3.3	4.9



#23
Nitrobenzene-d5
Concen: 79.502 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118528.D
Acq: 10 Jan 2020 21:31

Tgt Ion:	82	Resp:	508690
Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.6	54.8
54	44.3	37.0	55.6





#25

Isophorone

Concen: 49.625 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF118528.D

Acq: 10 Jan 2020 21:31

Instrument :

BNA_F

ClientSampleId :

AF-1

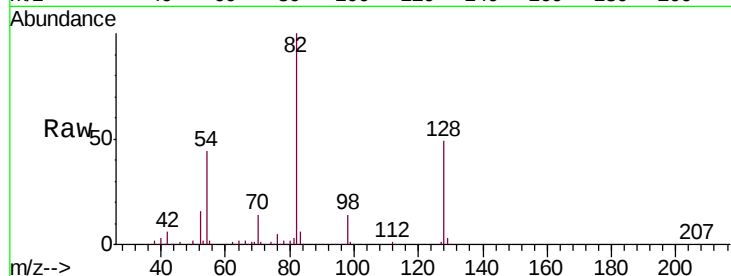
Tgt Ion: 82 Resp: 508683

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

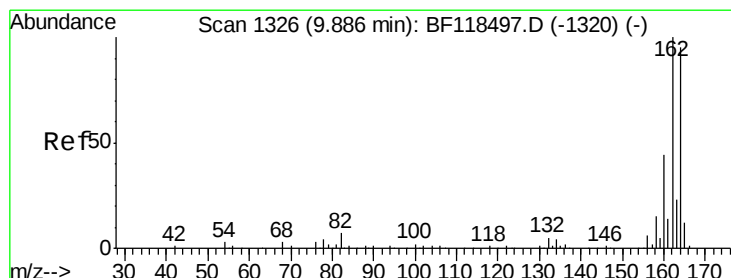
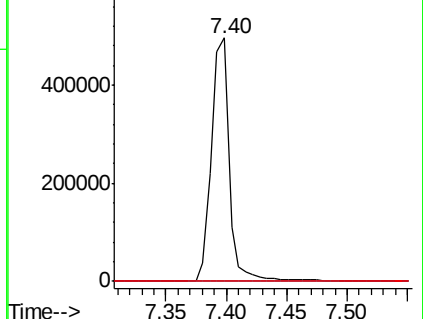
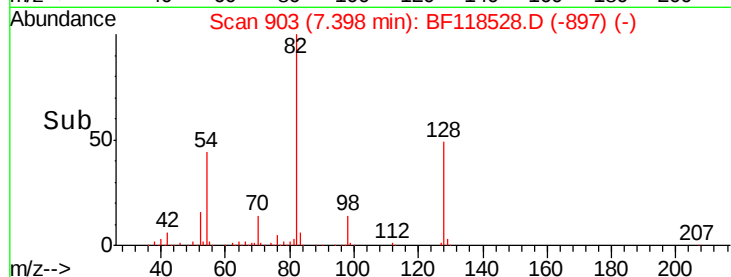
138 0.0 15.4 23.2#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF118528.D

Acq: 10 Jan 2020 21:31

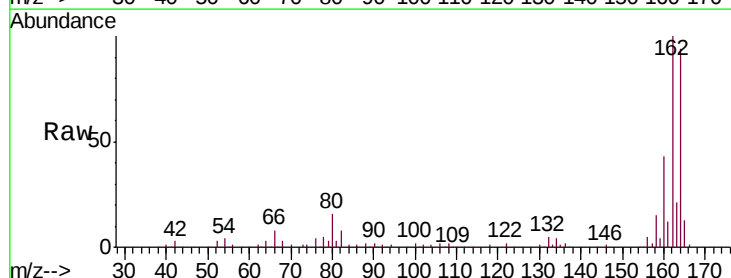
Tgt Ion: 164 Resp: 168256

Ion Ratio Lower Upper

164 100

162 105.9 84.2 126.4

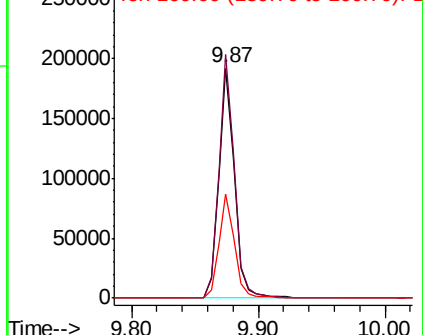
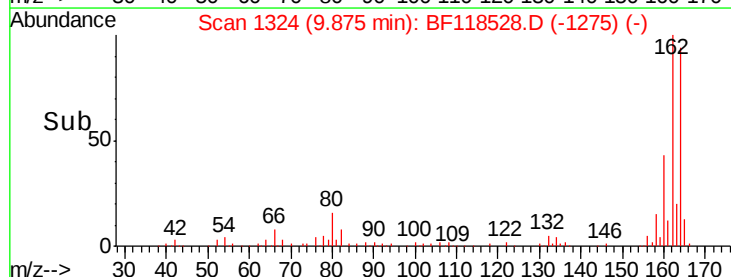
160 45.4 36.8 55.2

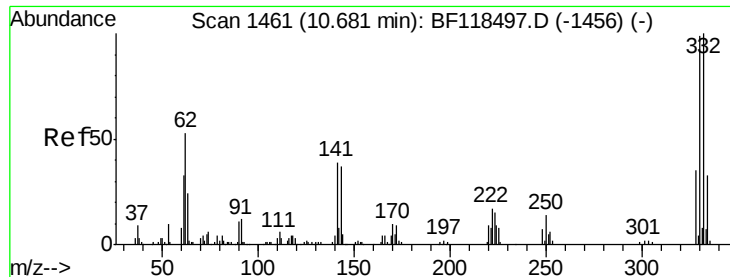


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

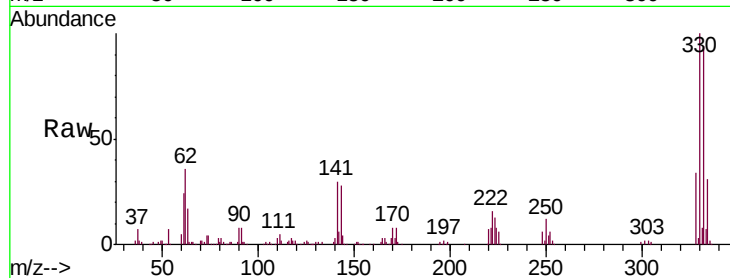




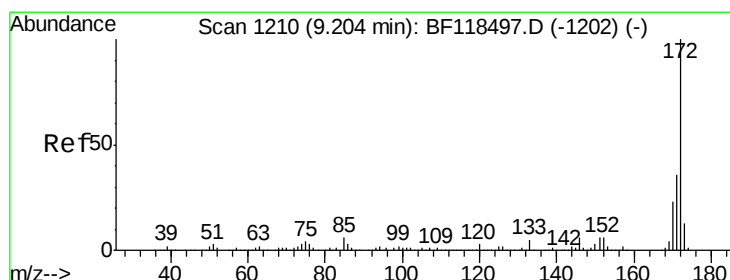
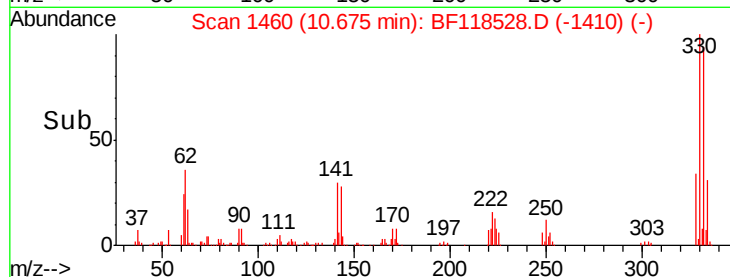
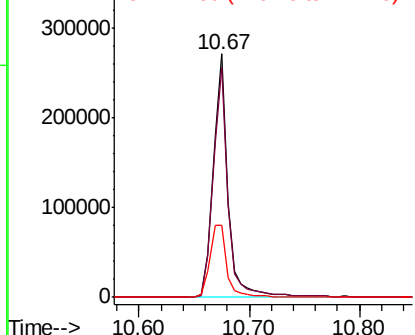
#42
 2,4,6-Tribromophenol
 Concen: 124.411 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF118528.D
 Acq: 10 Jan 2020 21:31

Instrument :
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.9	116.9
141	34.6	28.6	43.0

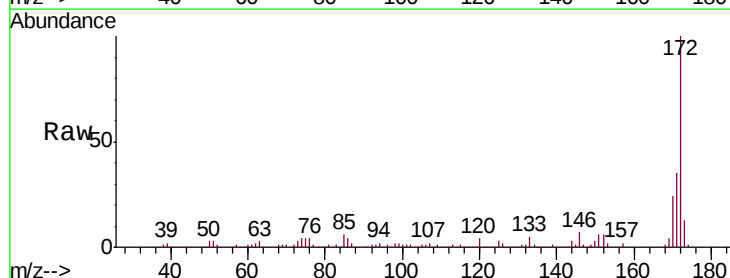


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

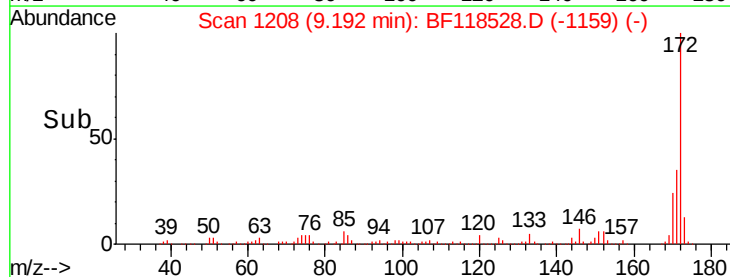
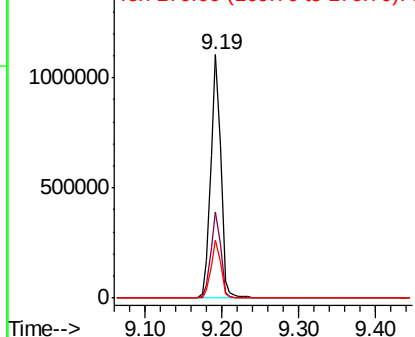


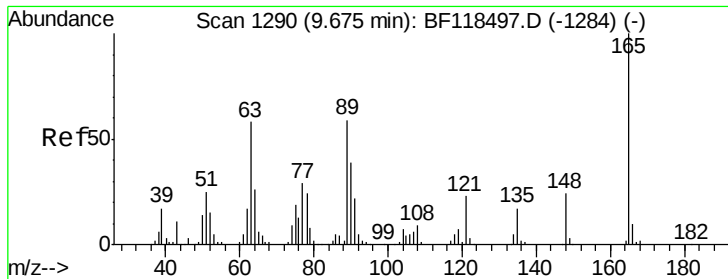
#45
 2-Fluorobiphenyl
 Concen: 84.234 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF118528.D
 Acq: 10 Jan 2020 21:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	24.1	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

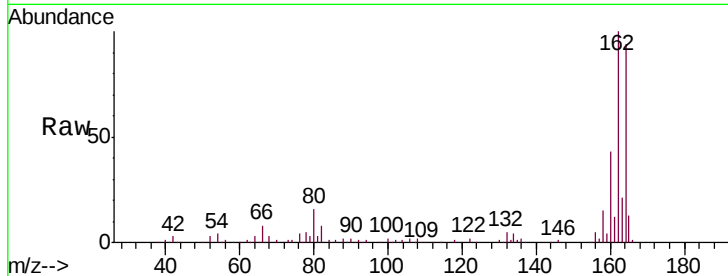




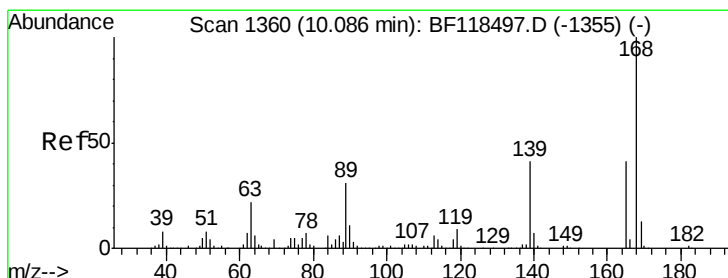
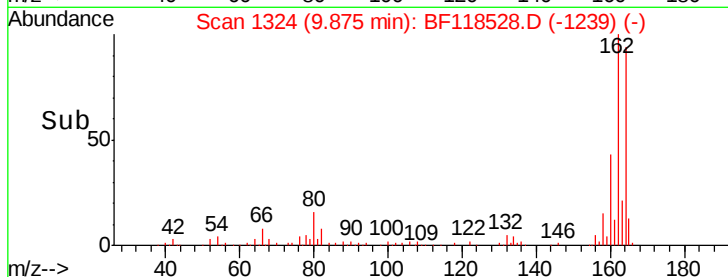
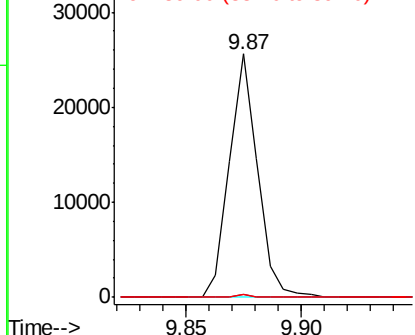
#51
 2,6-Dinitrotoluene
 Concen: 7.829 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.20 min
 Lab File: BF118528.D
 Acq: 10 Jan 2020 21:31

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Tgt Ion:165 Resp: 21773
 Ion Ratio Lower Upper
 165 100
 63 1.4 46.6 70.0#
 89 1.2 47.5 71.3#

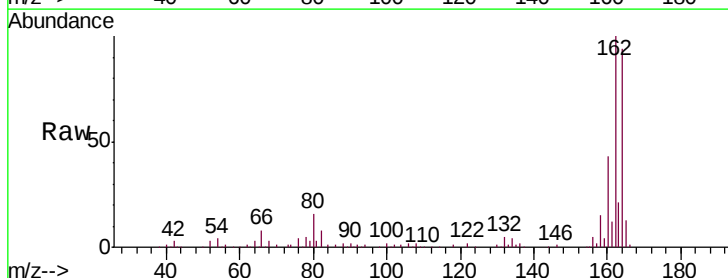


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

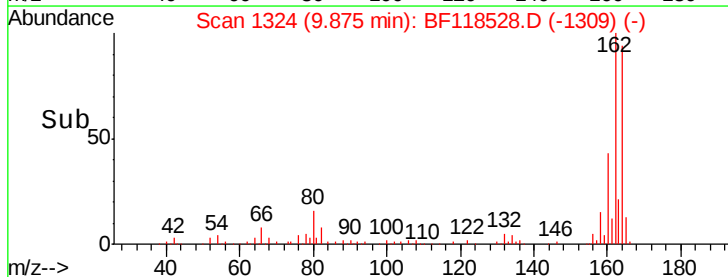
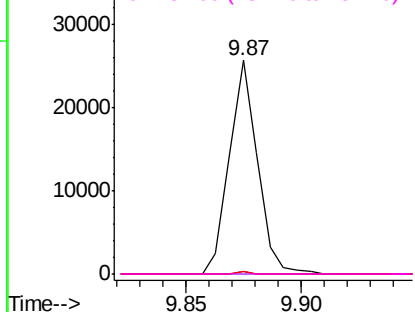


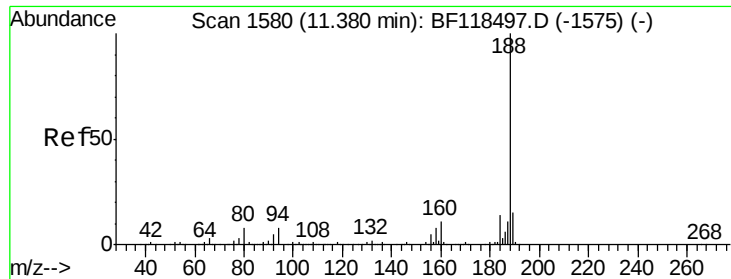
#57
 2,4-Dinitrotoluene
 Concen: 5.847 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF118528.D
 Acq: 10 Jan 2020 21:31

Tgt Ion:165 Resp: 21773
 Ion Ratio Lower Upper
 165 100
 63 1.4 44.1 66.1#
 89 1.2 60.4 90.6#
 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: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF118528.D

Acq: 10 Jan 2020 21:31

Instrument :

BNA_F

ClientSampleId :

AF-1

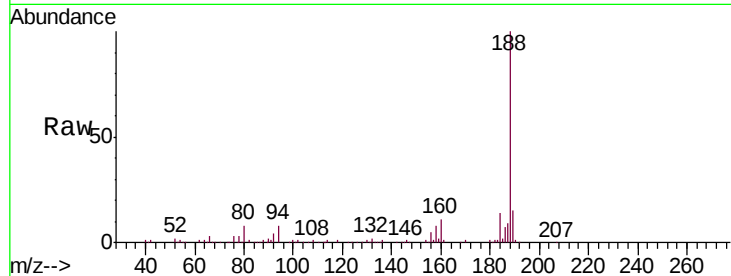
Tgt Ion:188 Resp: 265088

Ion Ratio Lower Upper

188 100

94 8.3 6.2 9.4

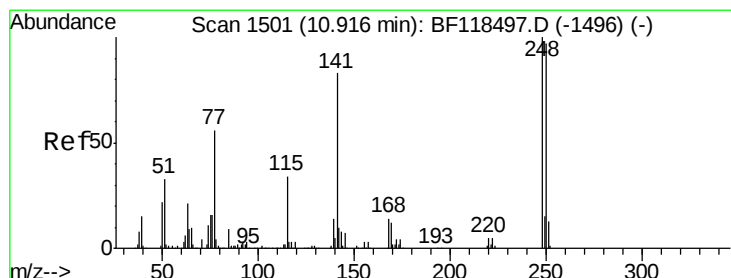
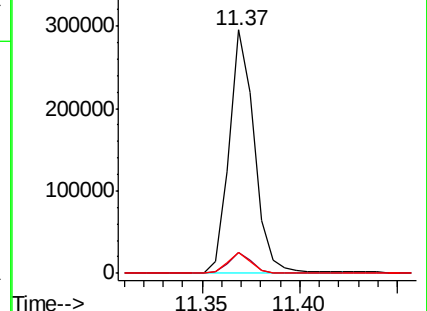
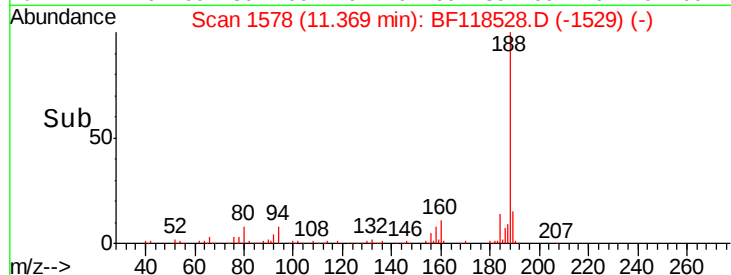
80 8.4 6.6 10.0



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: 4.696 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.24 min

Lab File: BF118528.D

Acq: 10 Jan 2020 21:31

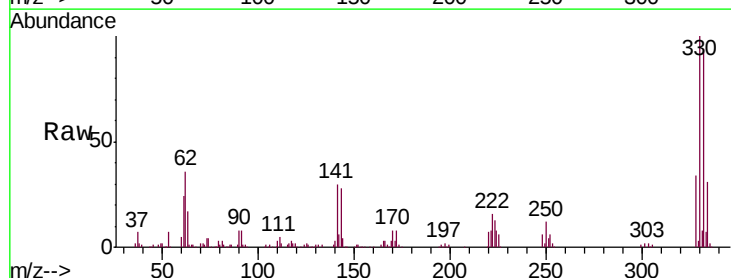
Tgt Ion:248 Resp: 14580

Ion Ratio Lower Upper

248 100

250 193.4 77.4 116.0#

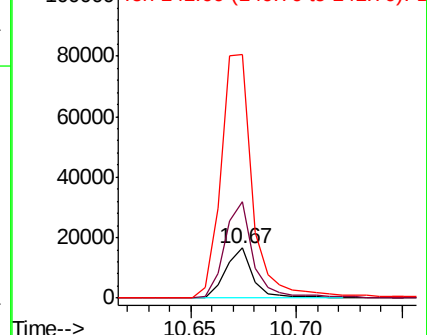
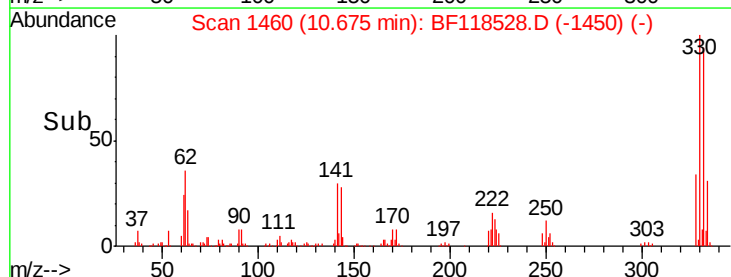
141 488.5 66.2 99.4#

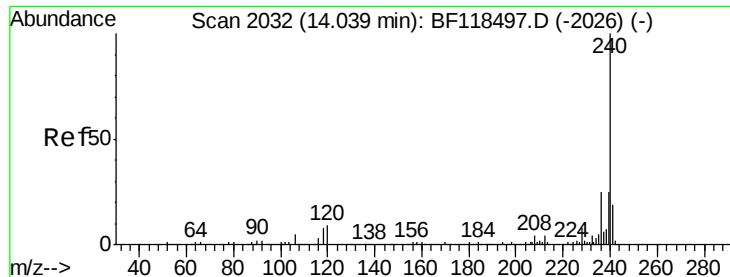


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

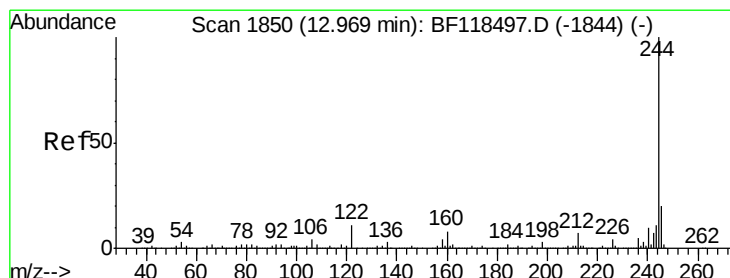
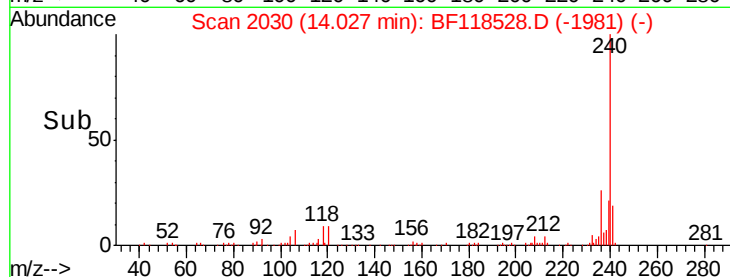
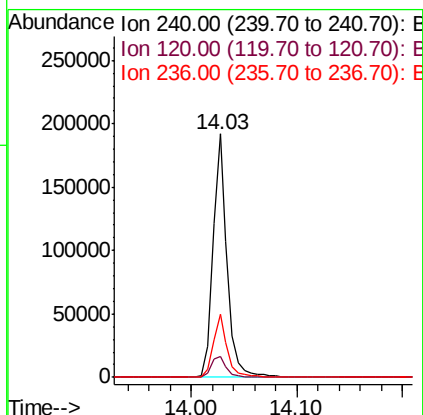
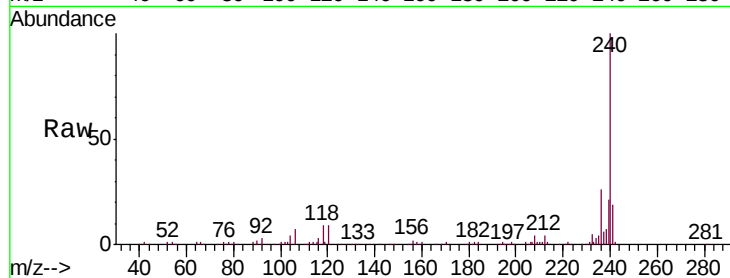




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118528.D
Acq: 10 Jan 2020 21:31

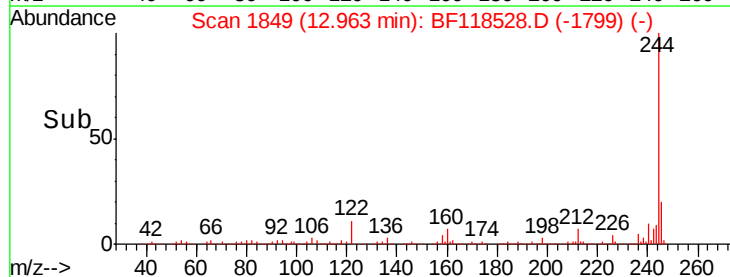
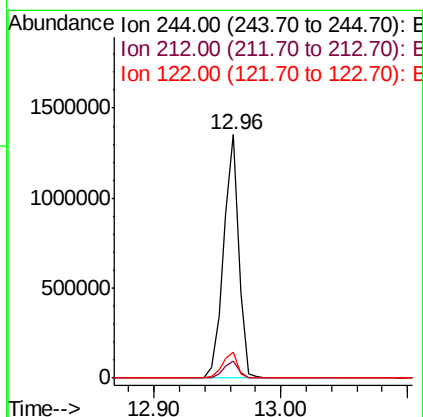
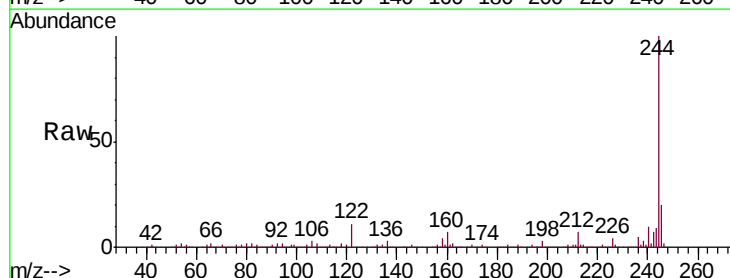
Instrument :
BNA_F
ClientSampled :
AF-1

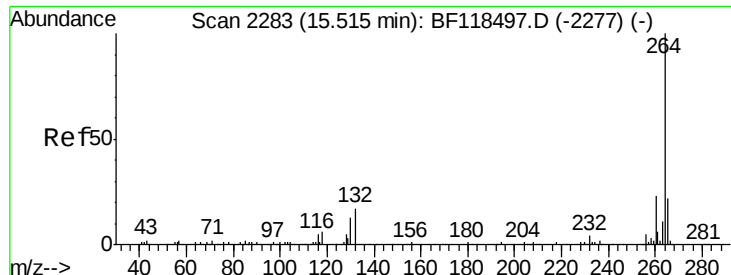
Tgt Ion:240 Resp: 179469
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 26.0 20.1 30.1



#79
Terphenyl-d14
Concen: 99.435 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF118528.D
Acq: 10 Jan 2020 21:31

Tgt Ion:244 Resp: 1126129
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.7 9.0 13.6

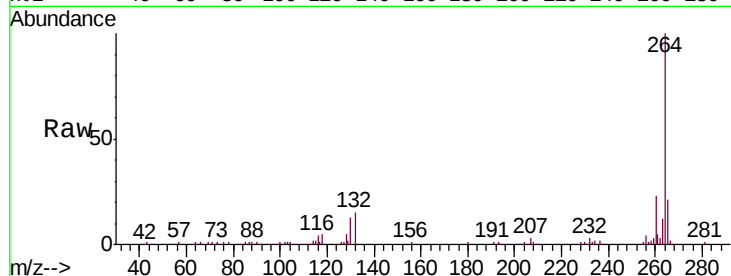




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF118528.D
Acq: 10 Jan 2020 21:31

Instrument :
BNA_F
ClientSampleId :
AF-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.8	28.2
265	21.2	17.5	26.3



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

