

Data File : BF118641.D
Acq On : 21 Jan 2020 19:10
Operator : CG/JU
Sample : PB126243BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB126243BL

Quant Time: Jan 22 04:18:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

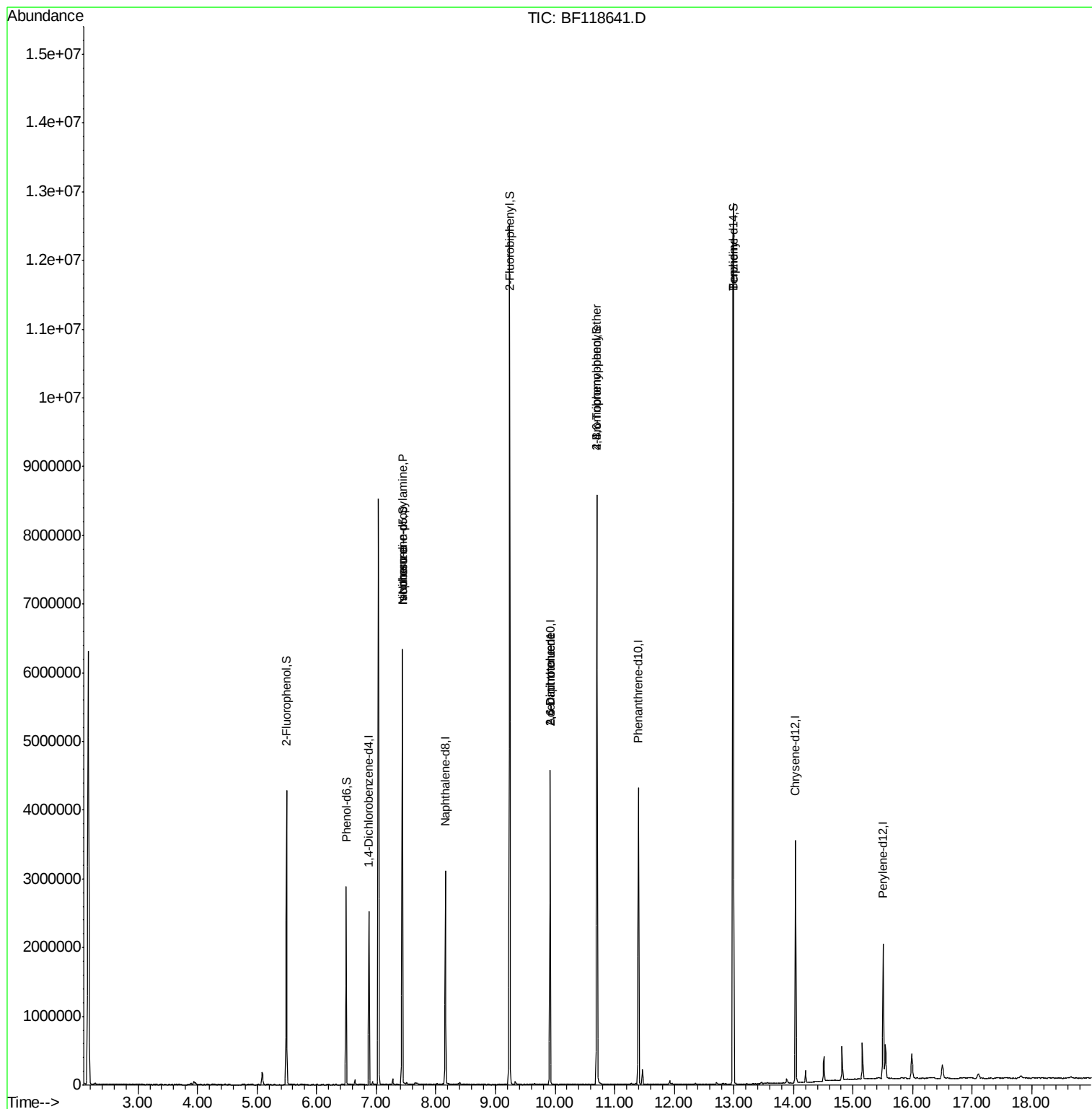
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	392590	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1485225	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	840439	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1597360	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	1166468	20.00	ng	-0.01
87) Perylene-d12	15.50	264	973569	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1163712	55.05	ng	0.00
7) Phenol-d6	6.49	99	880919	32.06	ng	-0.02
23) Nitrobenzene-d5	7.44	82	2248574	84.68	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	1252736	128.87	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	4032725	78.87	ng	0.00
79) Terphenyl-d14	12.99	244	5110325	95.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	317449	17.112	ng	# 76
25) Isophorone	7.44	82	2237328	46.195	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	109523	8.932	ng	# 21
57) 2,4-Dinitrotoluene	9.92	165	109525	7.086	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	78783	3.992	ng	# 1
77) Benzidine	12.99	184	73334	2.353	ng	# 92

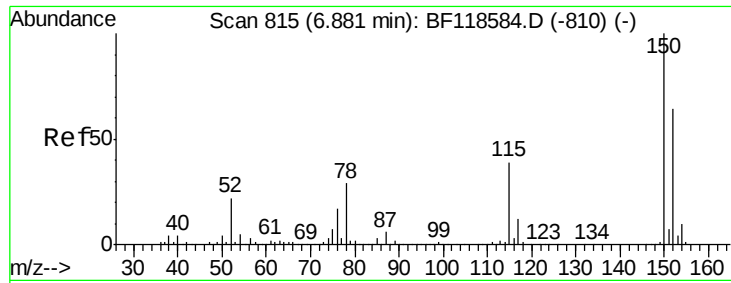
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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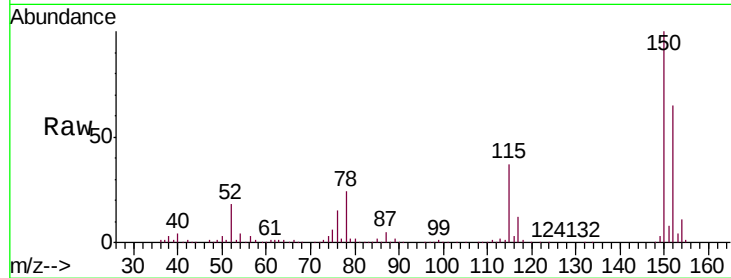




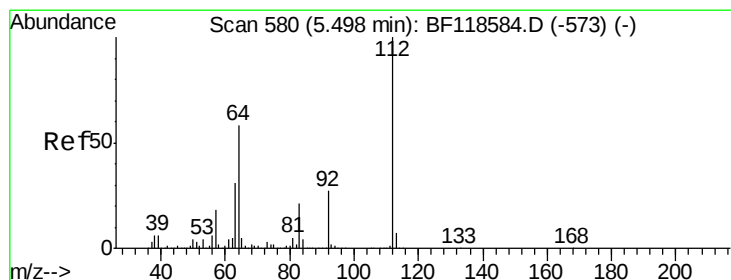
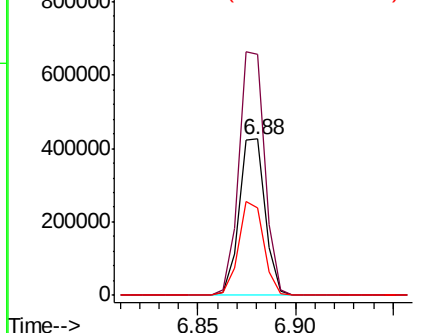
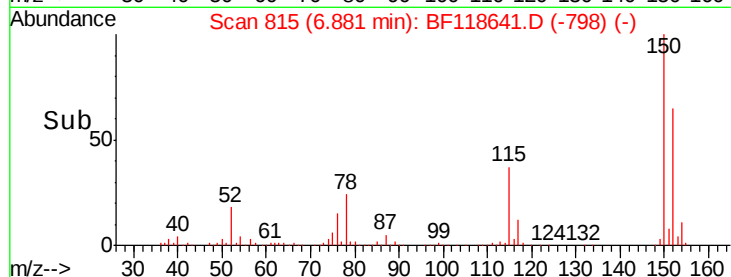
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF118641.D
 Acq: 21 Jan 2020 19:10

Instrument :
 BNA_F
 ClientSampleId :
 PB126243BL

Tgt Ion:152 Resp: 392590
 Ion Ratio Lower Upper
 152 100
 150 153.8 125.6 188.4
 115 56.2 48.4 72.6

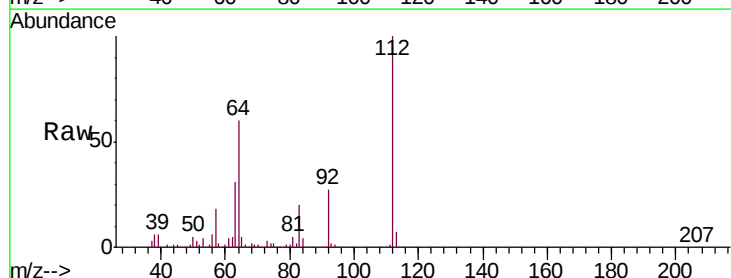


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

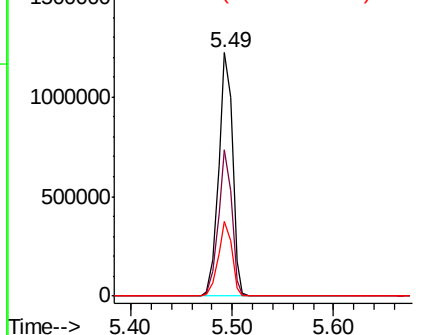
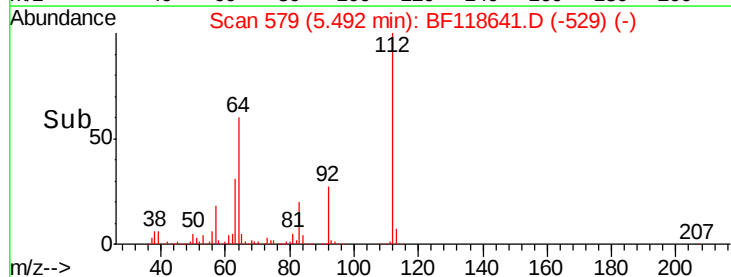


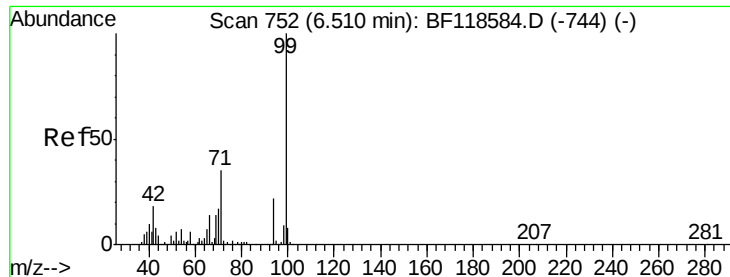
#5
 2-Fluorophenol
 Concen: 55.053 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF118641.D
 Acq: 21 Jan 2020 19:10

Tgt Ion:112 Resp: 1163712
 Ion Ratio Lower Upper
 112 100
 64 59.9 46.6 70.0
 63 30.8 25.1 37.7



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: 32.063 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF118641.D

Acq: 21 Jan 2020 19:10

Instrument :

BNA_F

ClientSampled :

PB126243BL

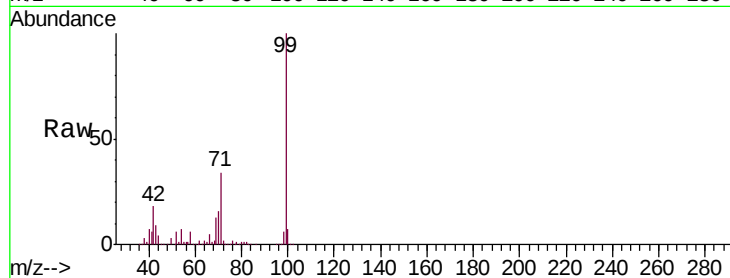
Tgt Ion: 99 Resp: 880919

Ion Ratio Lower Upper

99 100

42 17.6 14.2 21.2

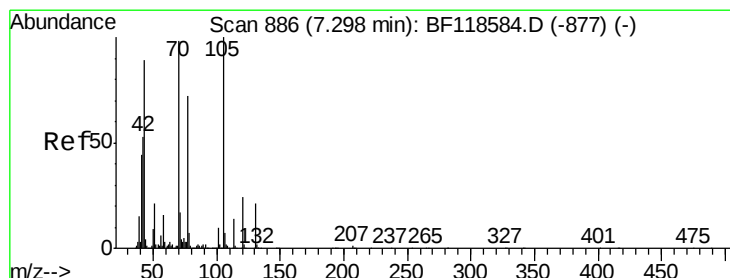
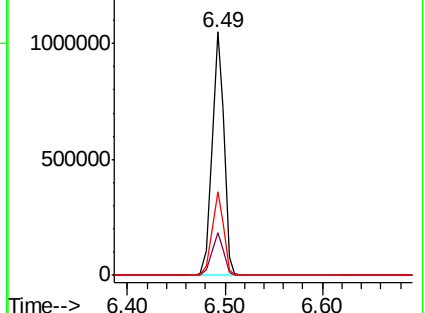
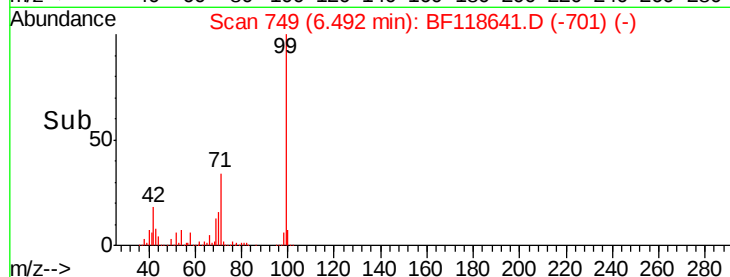
71 34.3 27.8 41.6



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: 17.112 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF118641.D

Acq: 21 Jan 2020 19:10

Tgt Ion: 70 Resp: 317449

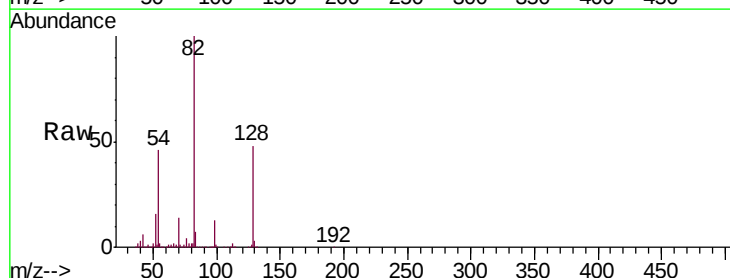
Ion Ratio Lower Upper

70 100

42 42.8 43.4 65.0#

101 0.0 8.1 12.1#

130 2.2 17.6 26.4#

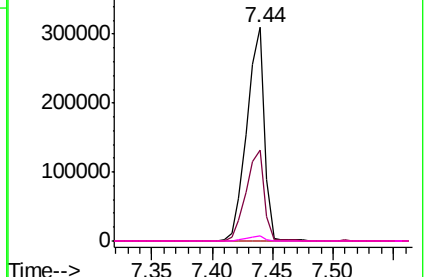
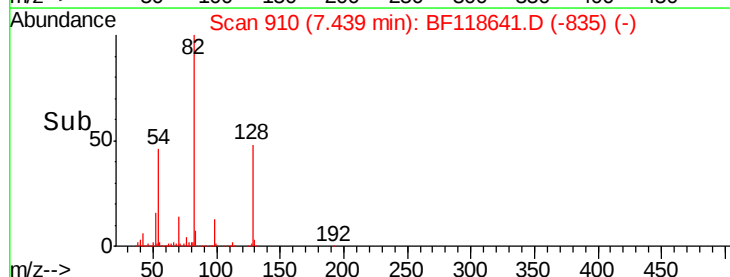


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

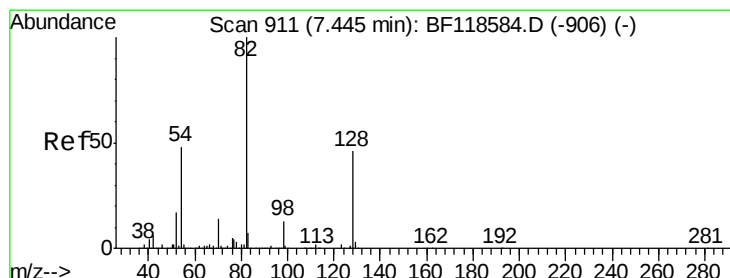
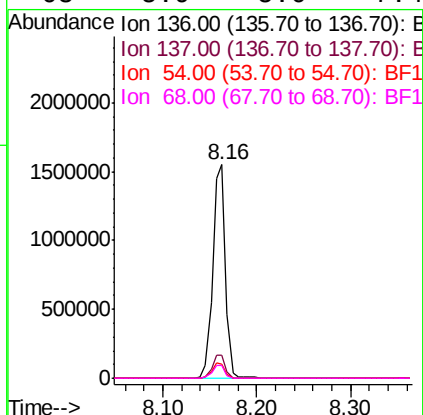
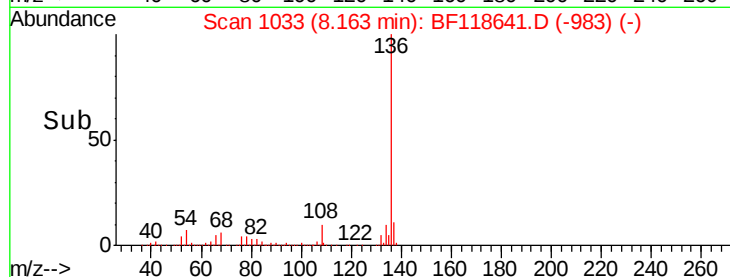
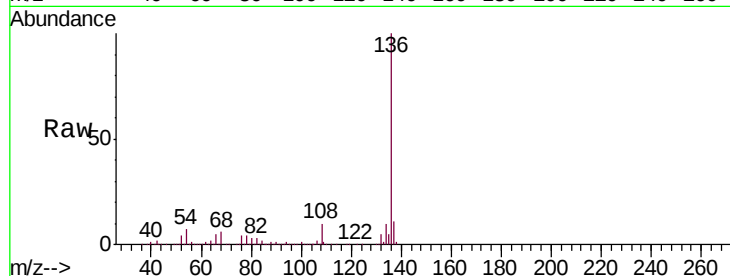




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118641.D
Acq: 21 Jan 2020 19:10

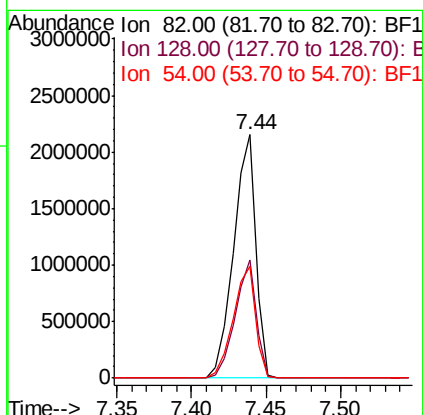
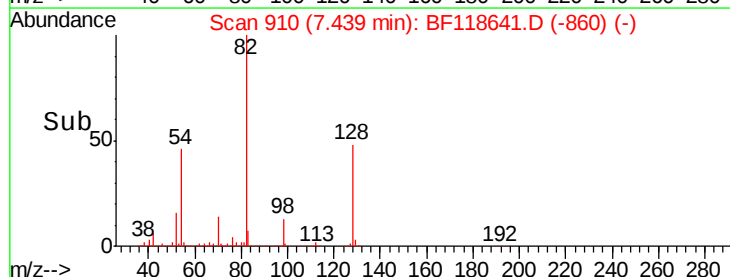
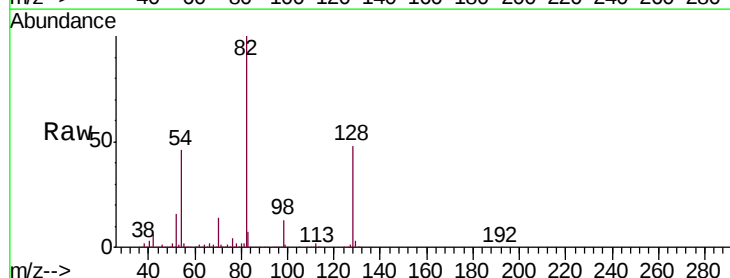
Instrument :
BNA_F
ClientSampleId :
PB126243BL

Tgt Ion:	136	Resp:	1485225
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.8	5.8	8.6
68	5.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 84.682 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118641.D
Acq: 21 Jan 2020 19:10

Tgt Ion:	82	Resp:	2248574
Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.6	54.8
54	46.1	38.0	57.0

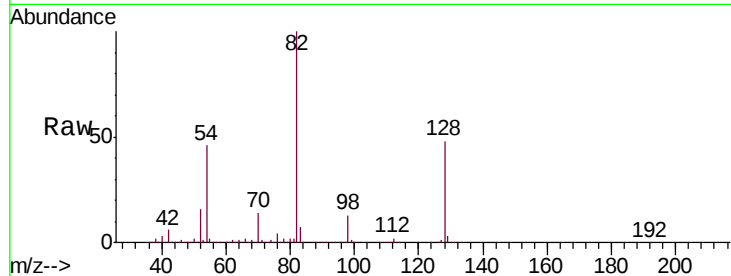




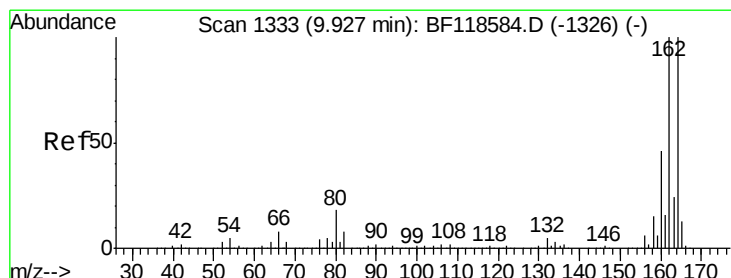
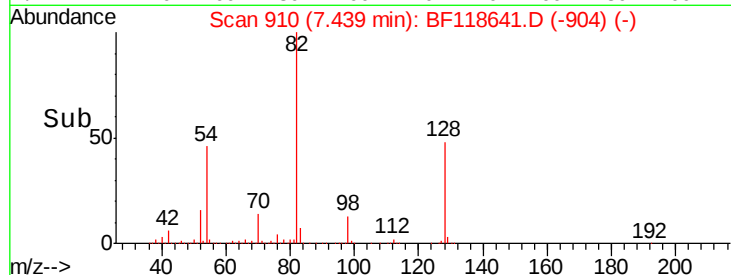
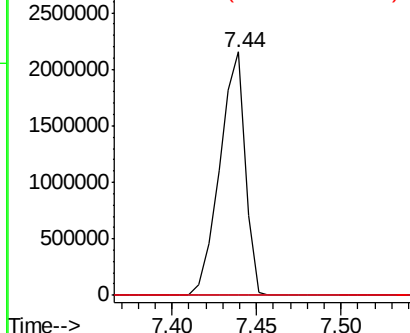
#25
Isophorone
Concen: 46.195 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF118641.D
Acq: 21 Jan 2020 19:10

Instrument :
BNA_F
ClientSampleId :
PB126243BL

Tgt Ion: 82 Resp: 2237328
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#

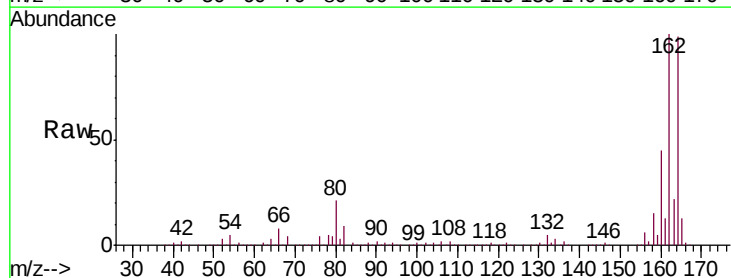


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E

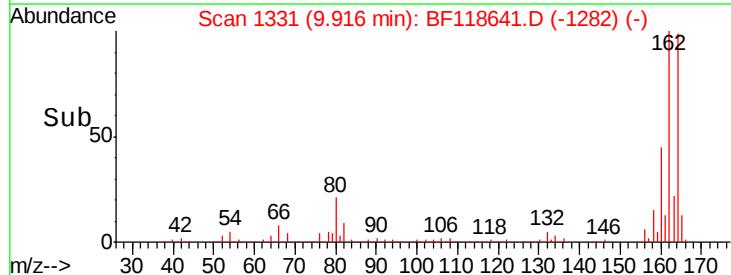
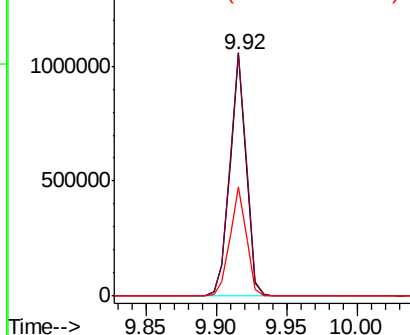


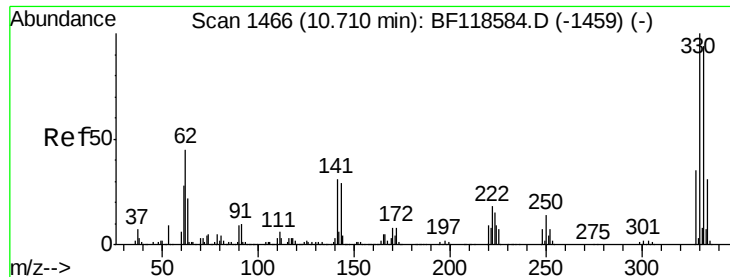
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118641.D
Acq: 21 Jan 2020 19:10

Tgt Ion: 164 Resp: 840439
Ion Ratio Lower Upper
164 100
162 100.6 80.4 120.6
160 45.3 36.6 55.0



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

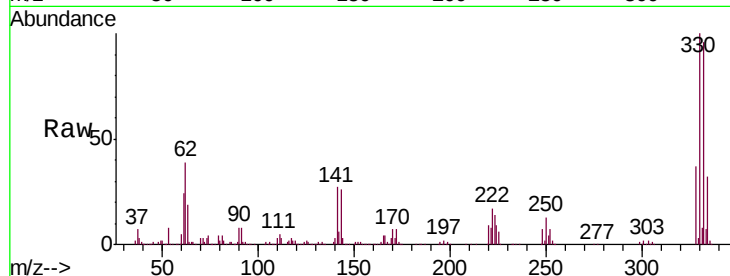




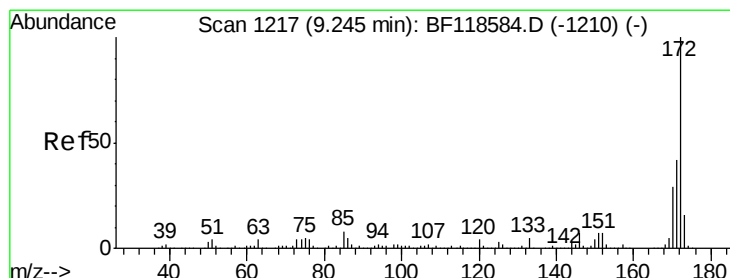
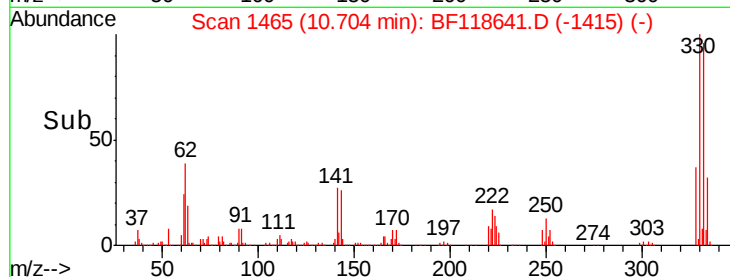
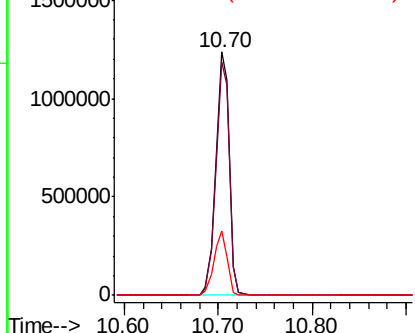
#42
 2,4,6-Tribromophenol
 Concen: 128.872 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118641.D
 Acq: 21 Jan 2020 19:10

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 ClientSampleId :
 PB126243BL

Tgt Ion:330 Resp: 1252736
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.2 114.4
 141 26.5 23.9 35.9

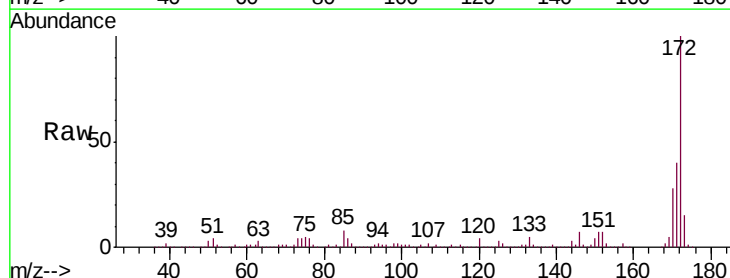


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

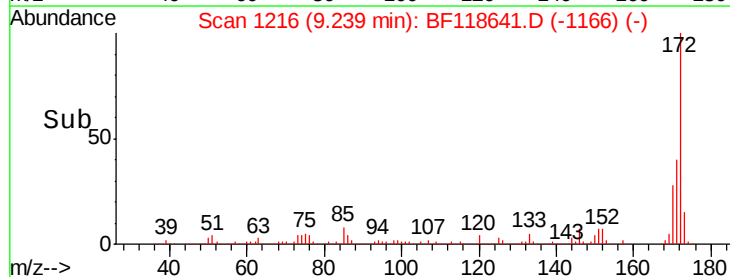
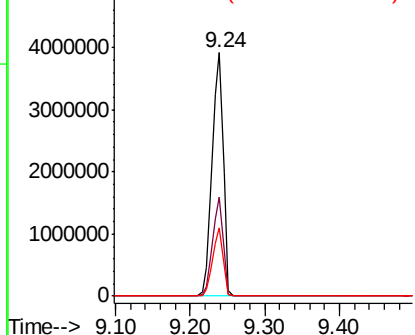


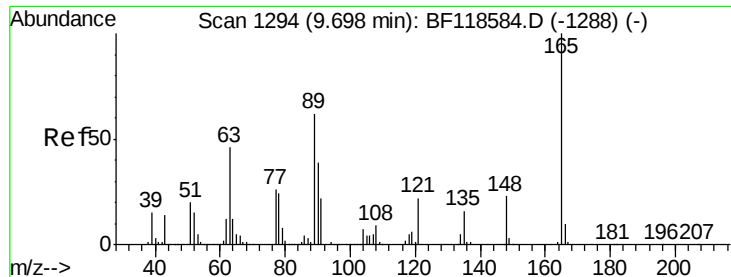
#45
 2-Fluorobiphenyl
 Concen: 78.867 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118641.D
 Acq: 21 Jan 2020 19:10

Tgt Ion:172 Resp: 4032725
 Ion Ratio Lower Upper
 172 100
 171 40.5 33.4 50.2
 170 27.9 23.2 34.8



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

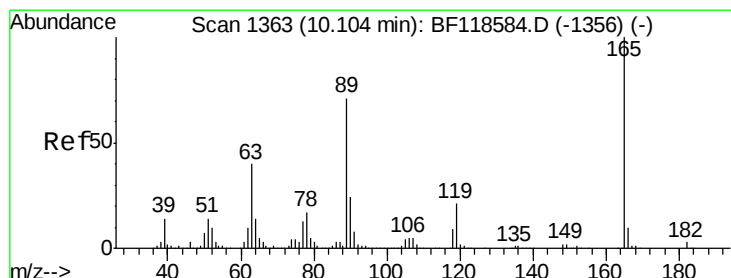
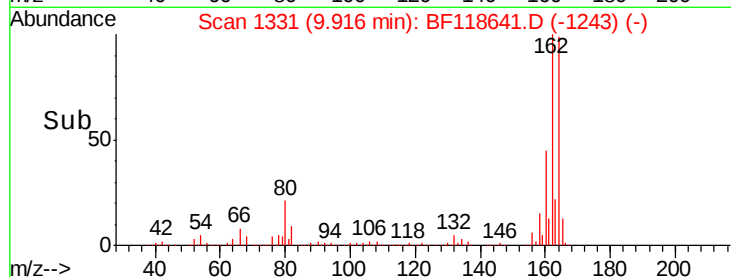
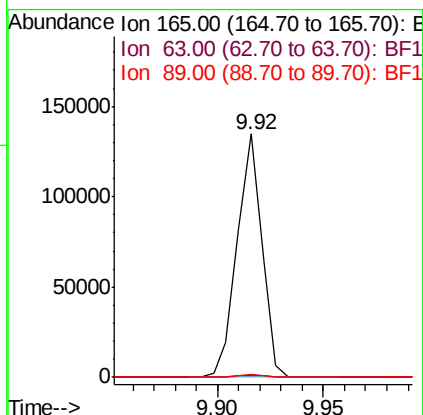
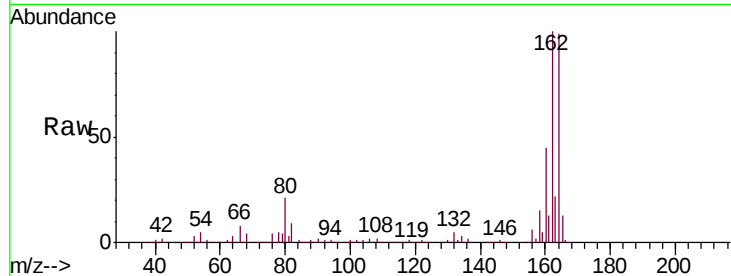




#51
 2,6-Dinitrotoluene
 Concen: 8.932 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.22 min
 Lab File: BF118641.D
 Acq: 21 Jan 2020 19:10

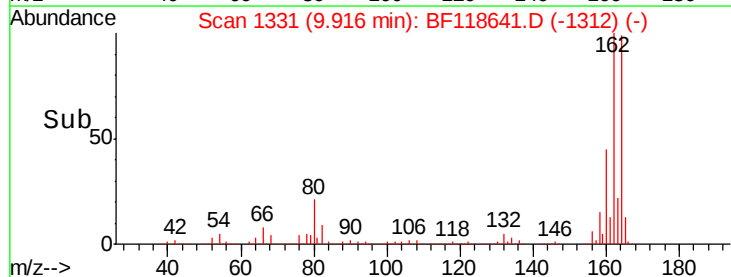
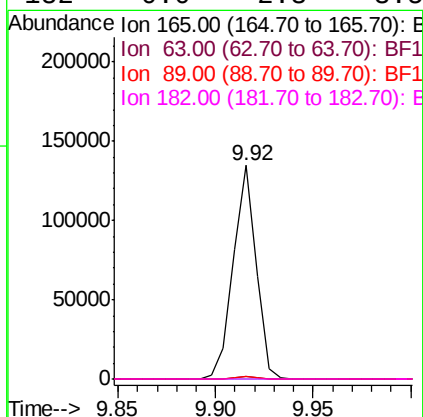
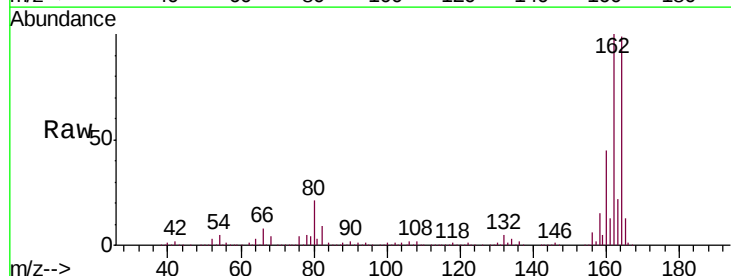
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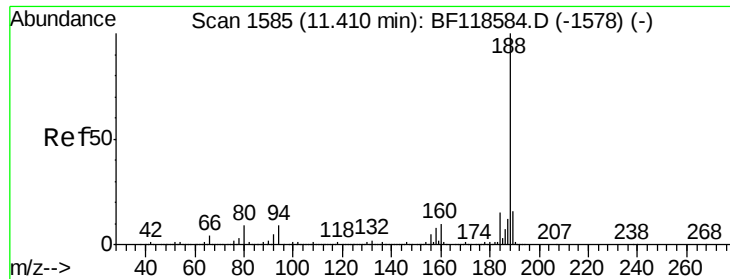
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	48.9	73.3#
89	1.3	49.8	74.6#



#57
 2,4-Dinitrotoluene
 Concen: 7.086 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118641.D
 Acq: 21 Jan 2020 19:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.4	48.6#
89	1.3	56.4	84.6#
182	0.0	2.3	3.5#

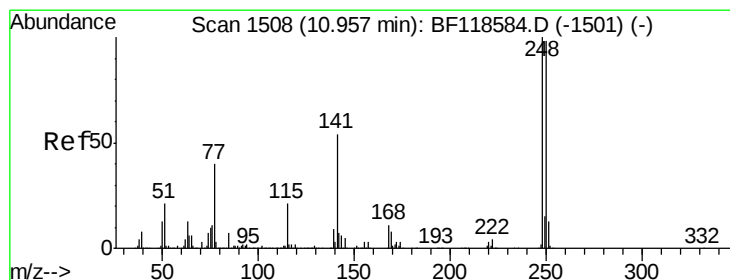
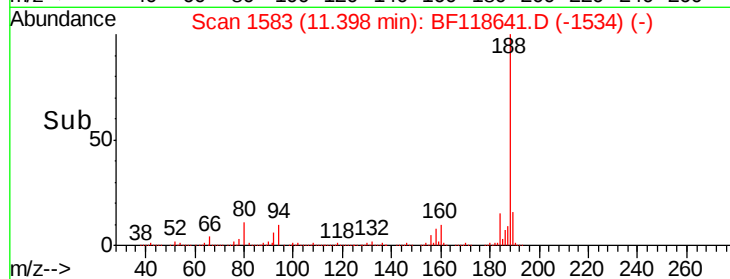
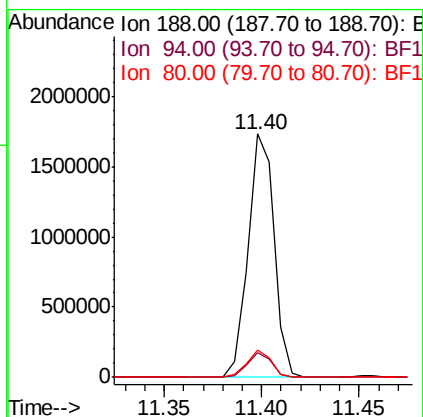
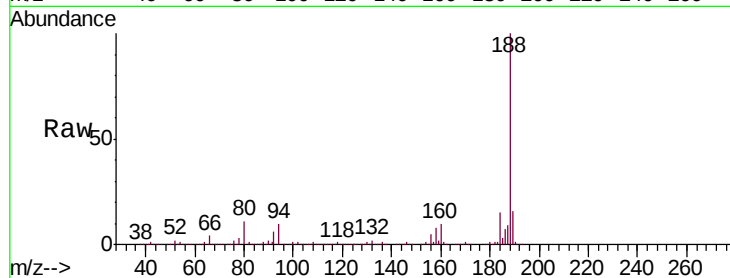




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118641.D
Acq: 21 Jan 2020 19:10

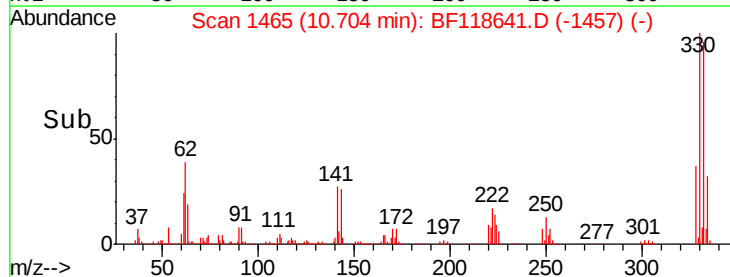
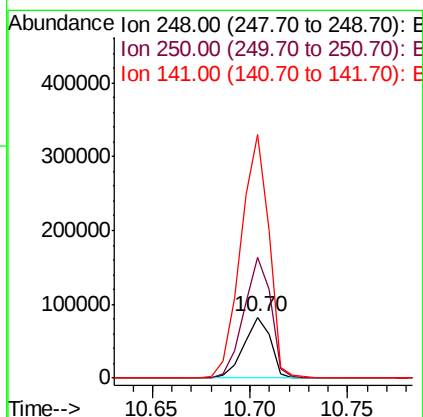
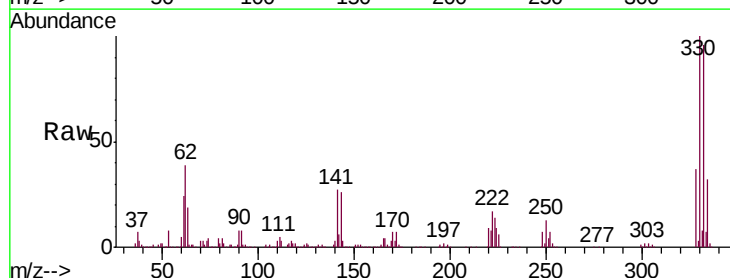
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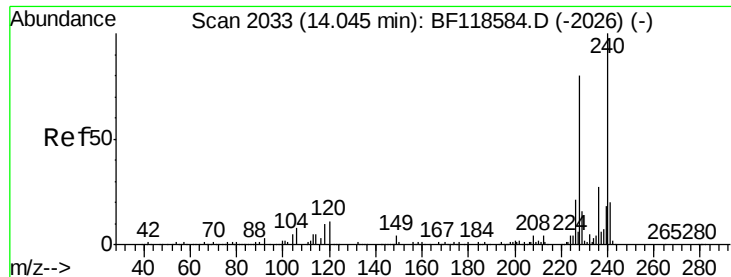
Tgt Ion:188 Resp: 1597360
Ion Ratio Lower Upper
188 100
94 10.2 7.1 10.7
80 11.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.992 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118641.D
Acq: 21 Jan 2020 19:10

Tgt Ion:248 Resp: 78783
Ion Ratio Lower Upper
248 100
250 198.3 78.7 118.1#
141 399.5 43.2 64.8#

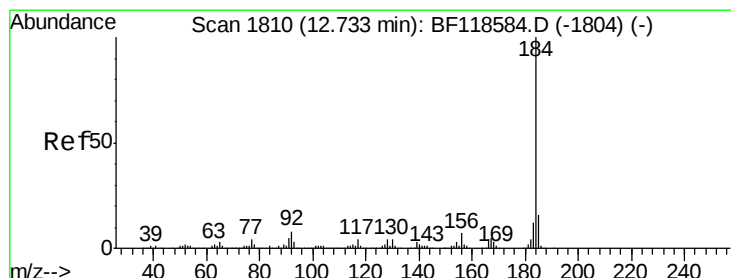
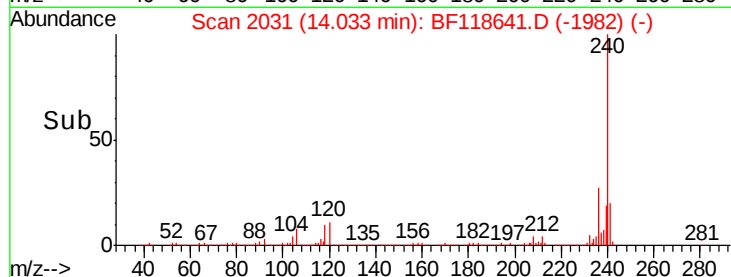
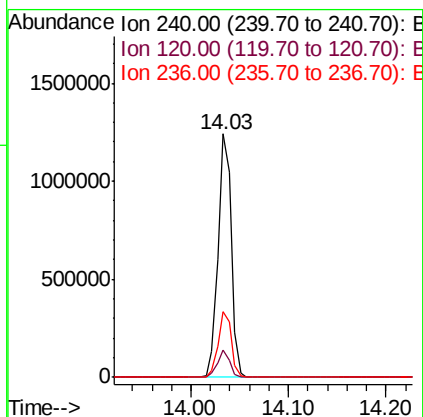
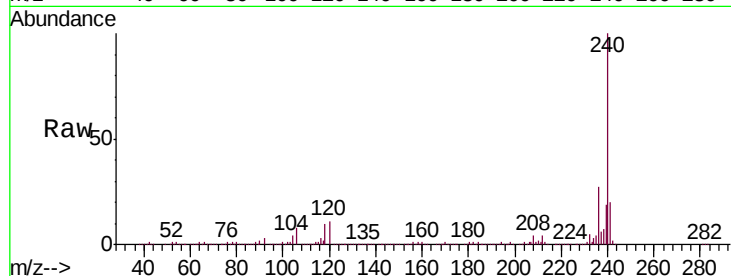




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118641.D
Acq: 21 Jan 2020 19:10

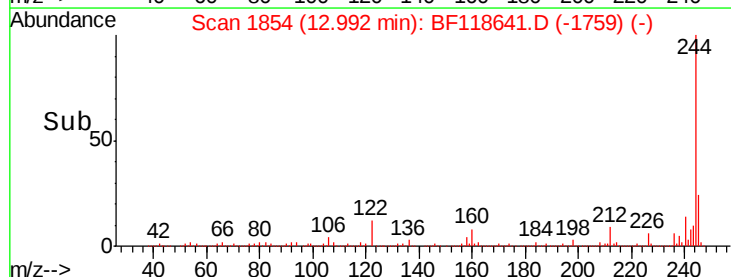
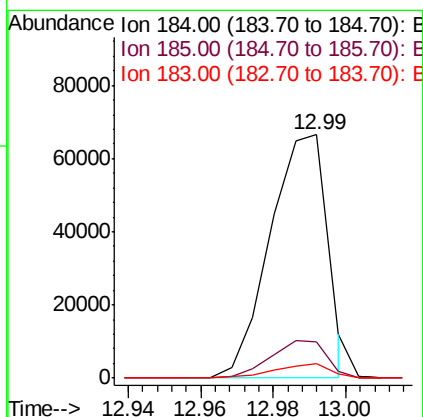
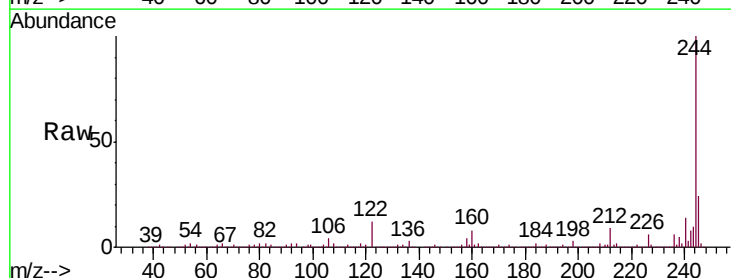
Instrument :
BNA_F
ClientSampleId :
PB126243BL

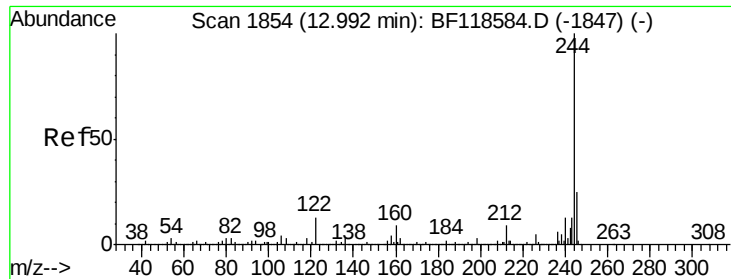
Tgt Ion:240 Resp: 1166468
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 26.9 21.5 32.3



#77
Benzidine
Concen: 2.353 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.26 min
Lab File: BF118641.D
Acq: 21 Jan 2020 19:10

Tgt Ion:184 Resp: 73334
Ion Ratio Lower Upper
184 100
185 14.9 12.9 19.3
183 6.0 9.6 14.4#





#79

Terphenyl-d14

Concen: 95.554 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF118641.D

Acq: 21 Jan 2020 19:10

Instrument :

BNA_F

ClientSampleId :

PB126243BL

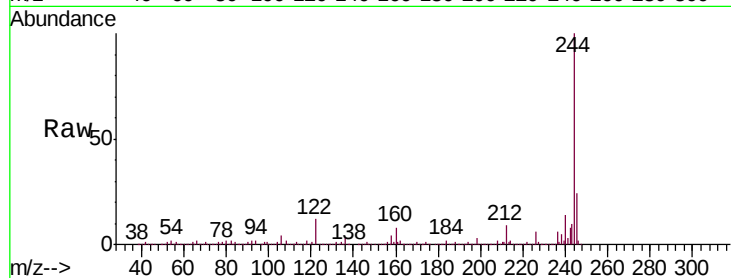
Tgt Ion:244 Resp: 5110325

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

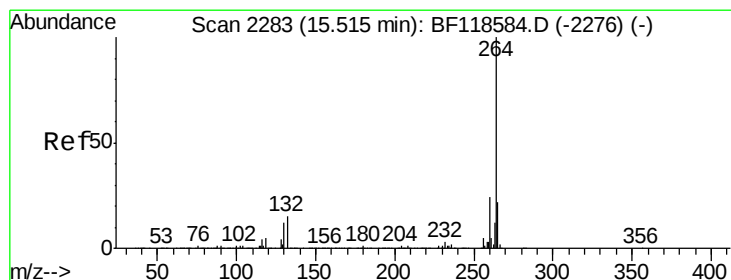
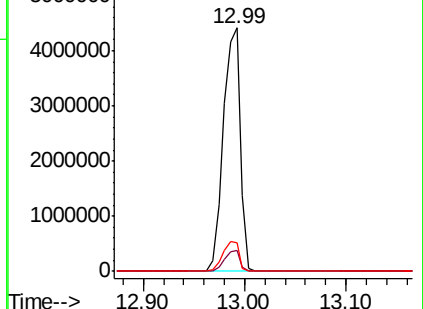
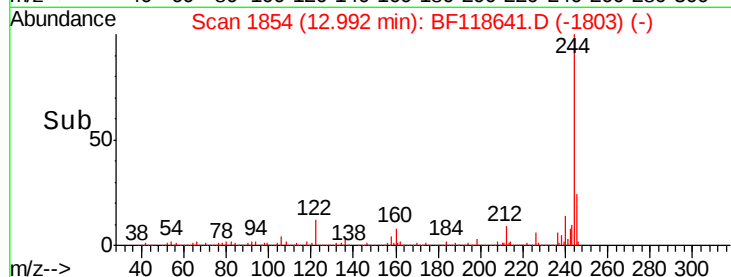
122 11.6 10.7 16.1



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: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF118641.D

Acq: 21 Jan 2020 19:10

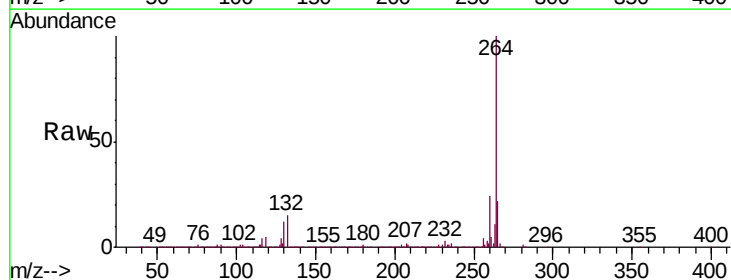
Tgt Ion:264 Resp: 973569

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 21.9 17.7 26.5



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

