

Data File : BF118461.D
Acq On : 3 Jan 2020 15:09
Operator : JU
Sample : PB125813BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125813BL

Quant Time: Jan 04 00:04:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	66874	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	263529	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	181594	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	360676	20.00	ng	0.00
76) Chrysene-d12	14.04	240	229384	20.00	ng	0.00
87) Perylene-d12	15.54	264	194494	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	547558	139.77	ng	0.02
7) Phenol-d6	6.49	99	713730	146.86	ng	0.00
23) Nitrobenzene-d5	7.42	82	449081	97.47	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	317130	141.41	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1118725	94.04	ng	-0.01
79) Terphenyl-d14	12.98	244	1423981	102.99	ng	0.00

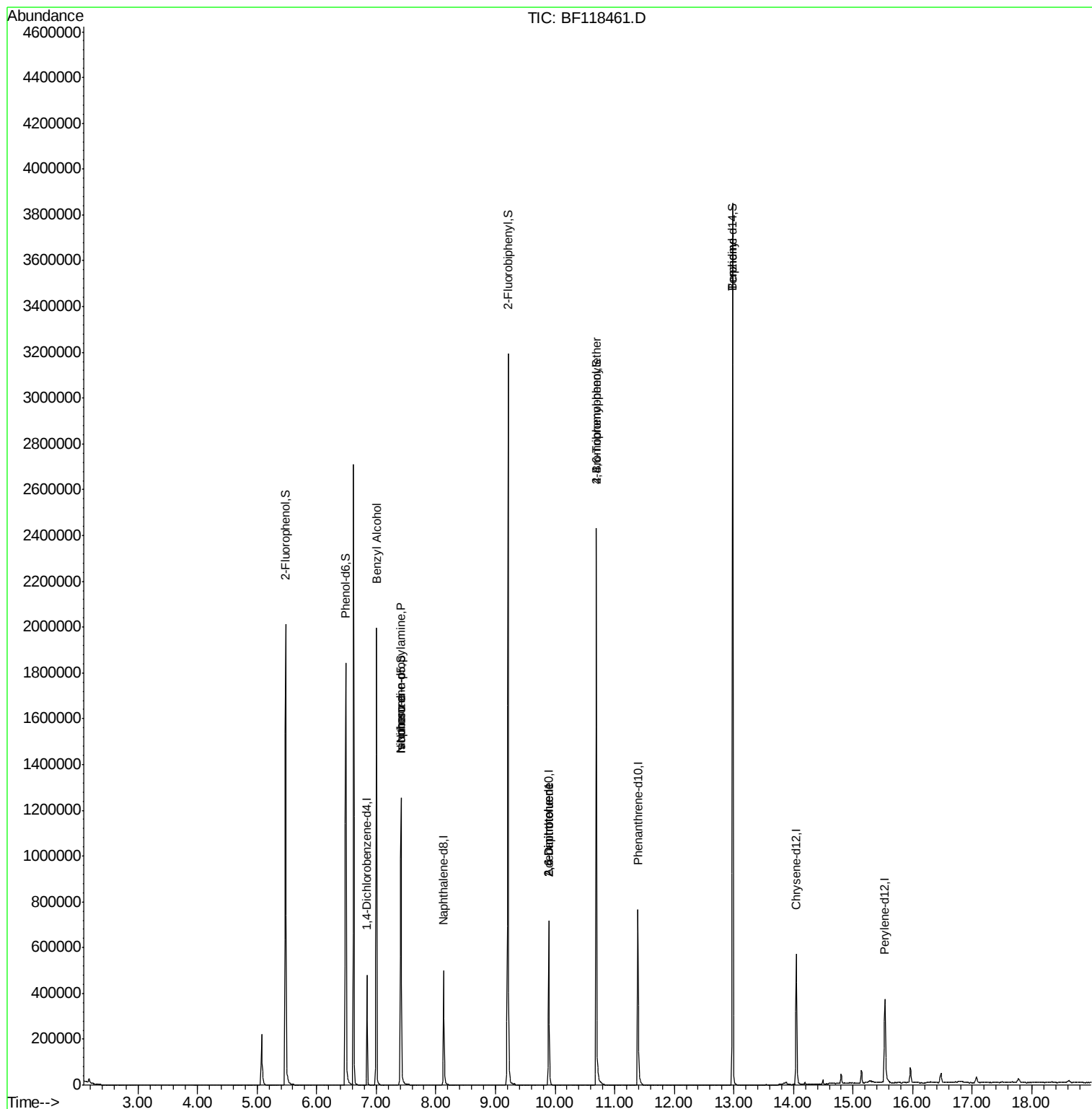
Target Compounds				Qvalue		
15) Benzyl Alcohol	7.00	79	8454	2.285	ng	# 40
19) n-Nitroso-di-n-propylamine	7.42	70	64441	21.524	ng	# 83
25) Isophorone	7.42	82	449136	55.932	ng	# 62
51) 2,6-Dinitrotoluene	9.89	165	22505	7.658	ng	# 24
57) 2,4-Dinitrotoluene	9.89	165	22505	5.731	ng	# 28
67) 4-Bromophenyl-phenylether	10.69	248	19554	4.633	ng	# 1
77) Benzydine	12.98	184	20508	3.263	ng	# 92

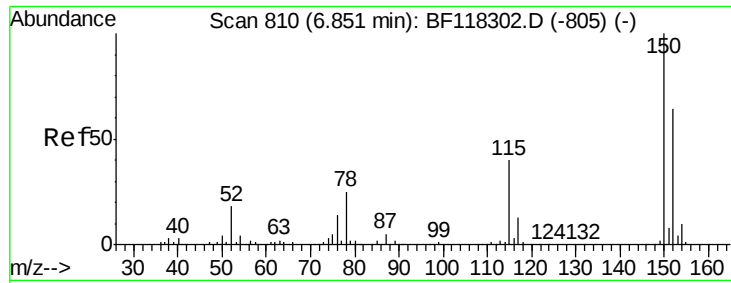
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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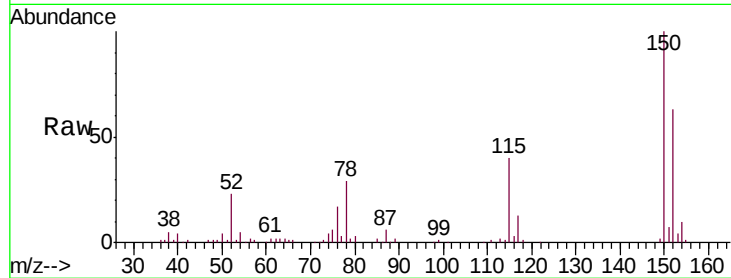




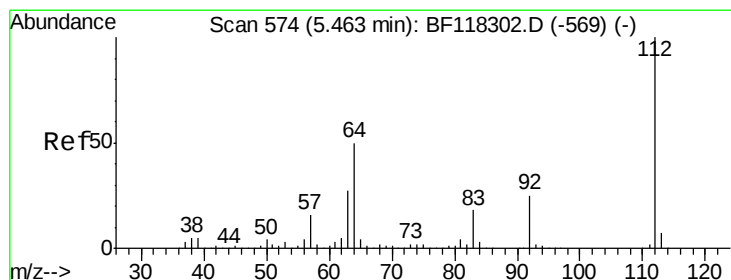
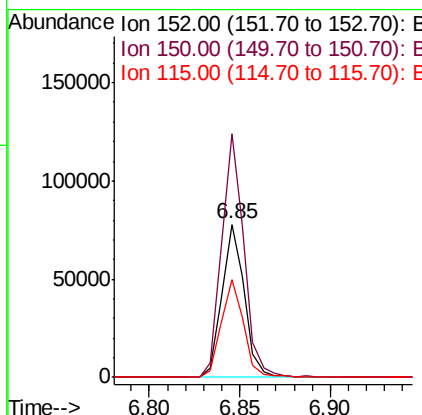
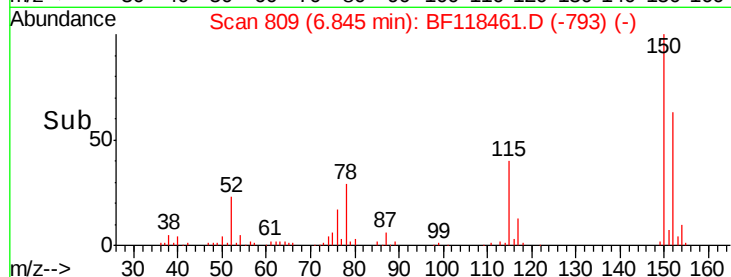
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF118461.D
 Acq: 3 Jan 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB125813BL

Tgt Ion:152 Resp: 66874
 Ion Ratio Lower Upper
 152 100
 150 159.2 125.4 188.2
 115 64.2 50.2 75.4

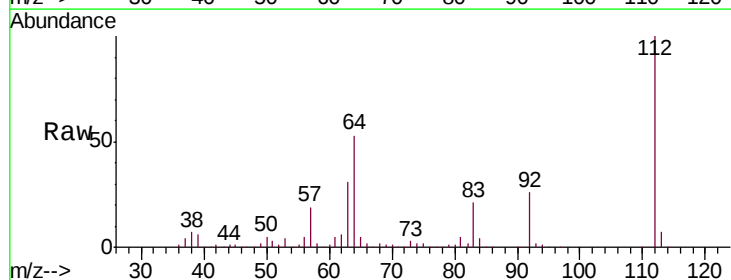


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

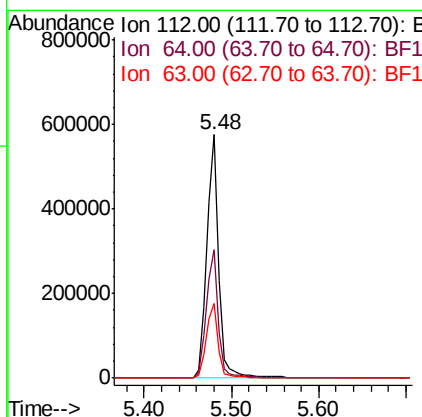
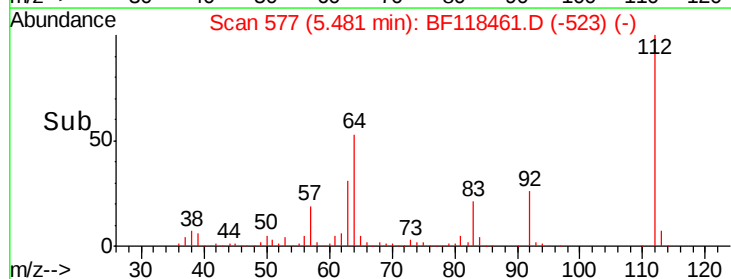


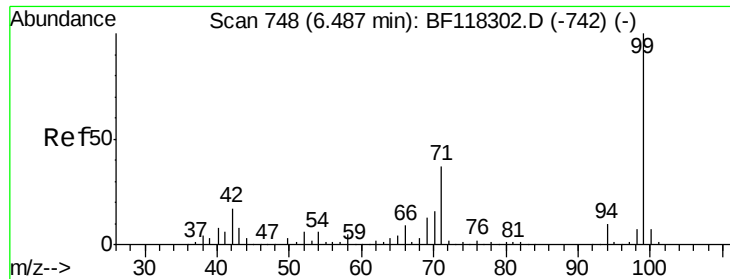
#5
 2-Fluorophenol
 Concen: 139.767 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.02 min
 Lab File: BF118461.D
 Acq: 3 Jan 2020 15:09

Tgt Ion:112 Resp: 547558
 Ion Ratio Lower Upper
 112 100
 64 52.5 39.7 59.5
 63 30.9 21.7 32.5



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: 146.859 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118461.D

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ClientSampleId :

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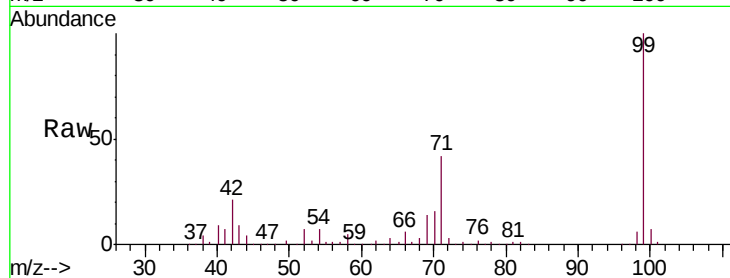
Tgt Ion: 99 Resp: 713730

Ion Ratio Lower Upper

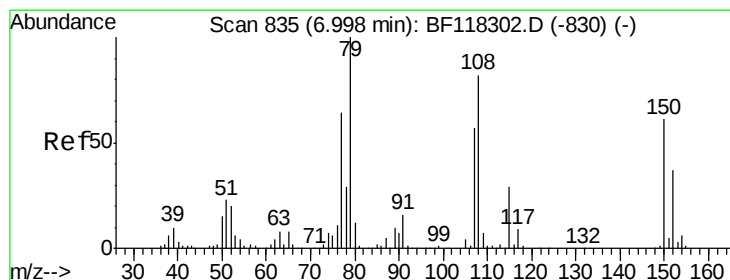
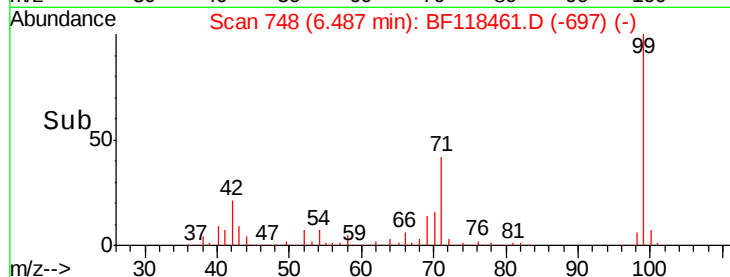
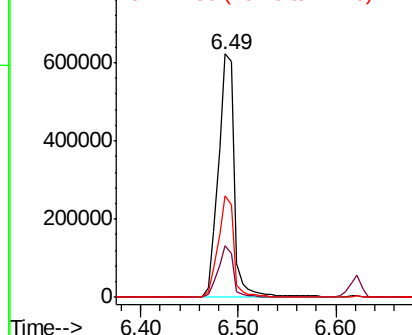
99 100

42 21.3 13.5 20.3#

71 41.8 29.4 44.2



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



#15

Benzyl Alcohol

Concen: 2.285 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF118461.D

Acq: 3 Jan 2020 15:09

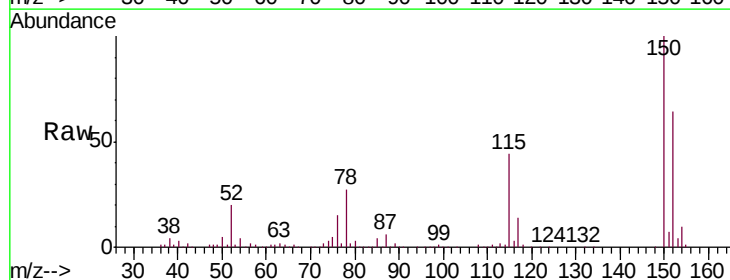
Tgt Ion: 79 Resp: 8454

Ion Ratio Lower Upper

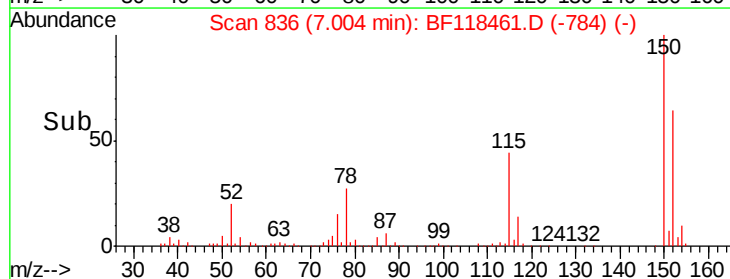
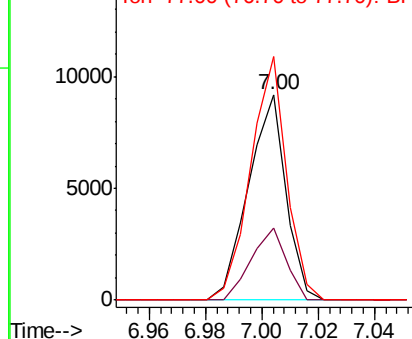
79 100

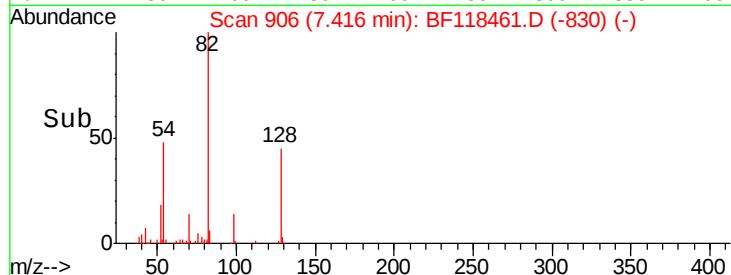
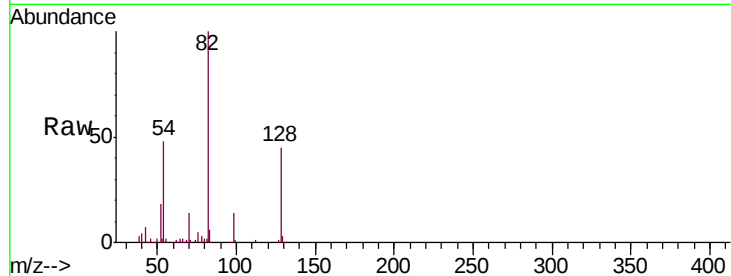
108 35.1 65.4 98.0#

77 118.5 51.4 77.0#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

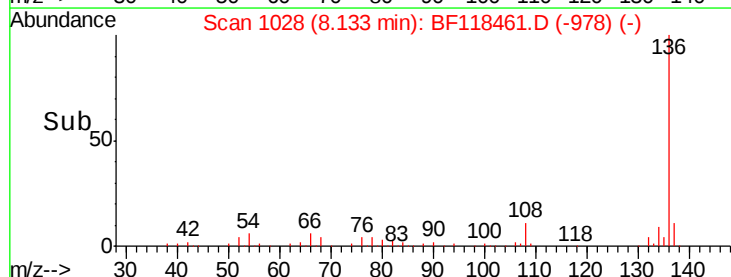
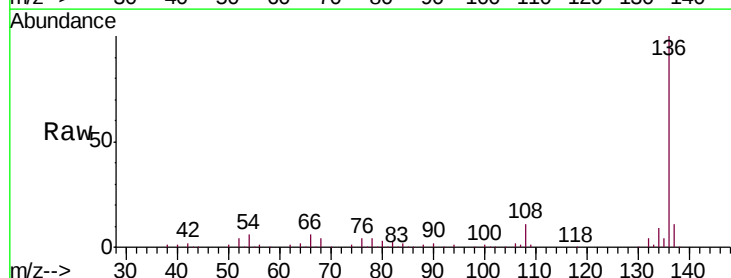
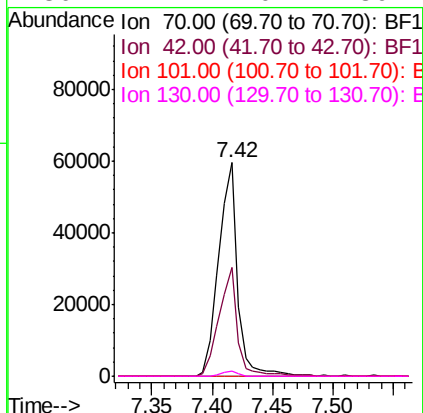




#19
n-Nitroso-di-n-propylamine
Concen: 21.524 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF118461.D
Acq: 3 Jan 2020 15:09

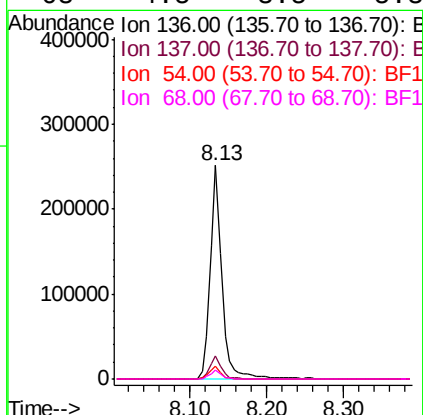
Instrument :
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ClientSampleId :
PB125813BL

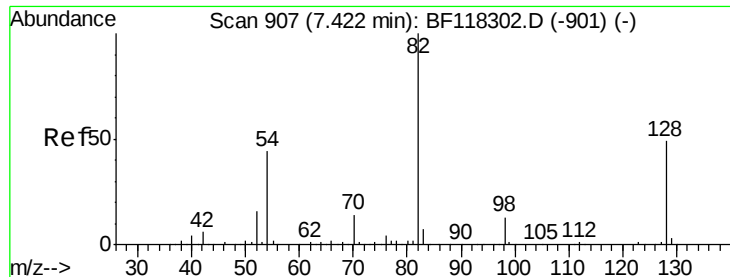
Tgt Ion: 70 Resp: 64441
Ion Ratio Lower Upper
70 100
42 51.1 41.1 61.7
101 0.0 8.3 12.5#
130 2.2 20.1 30.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118461.D
Acq: 3 Jan 2020 15:09

Tgt Ion: 136 Resp: 263529
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.1 4.2 6.4
68 4.5 3.5 5.3

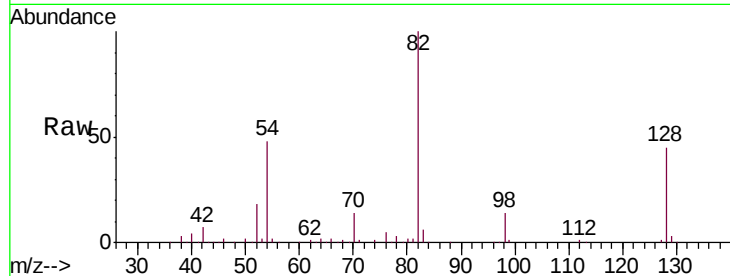




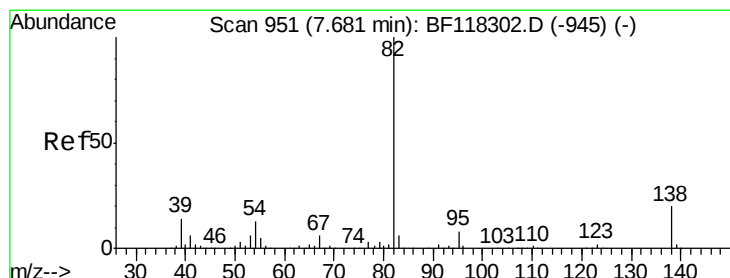
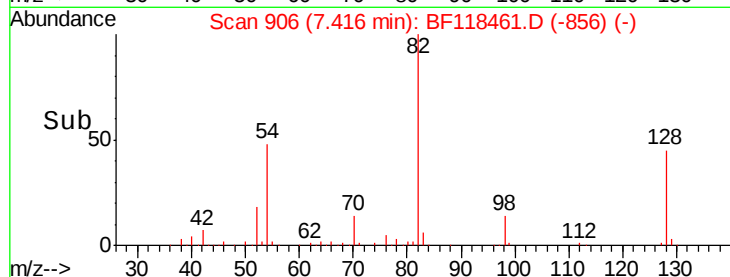
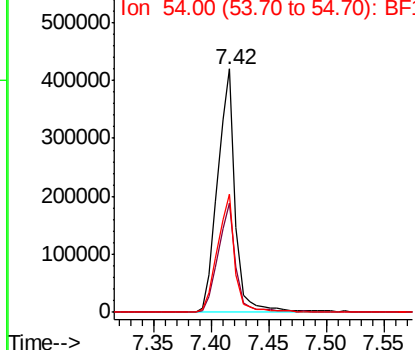
#23
 Nitrobenzene-d5
 Concen: 97.466 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118461.D
 Acq: 3 Jan 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB125813BL

Tgt Ion: 82 Resp: 449081
 Ion Ratio Lower Upper
 82 100
 128 45.1 39.6 59.4
 54 48.3 34.9 52.3

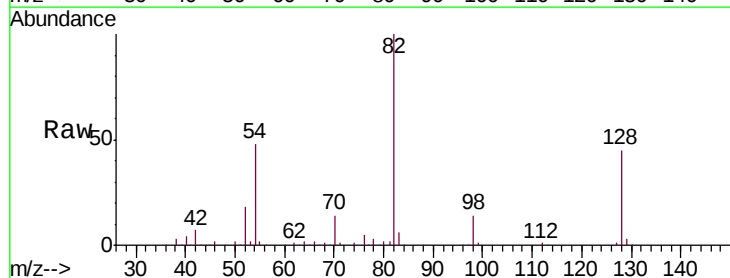


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

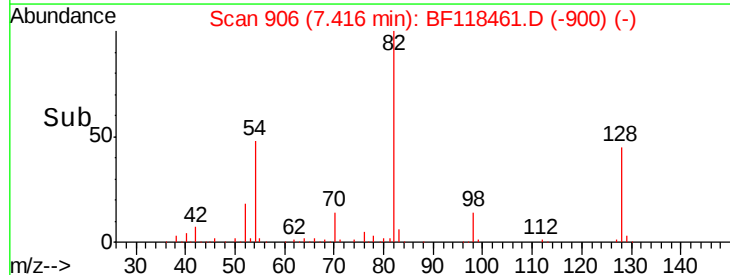
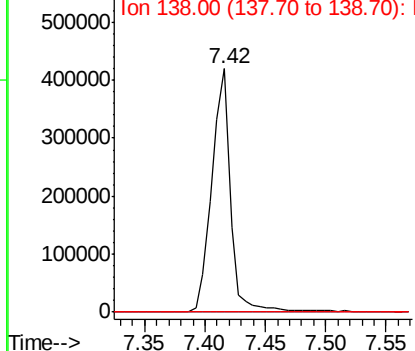


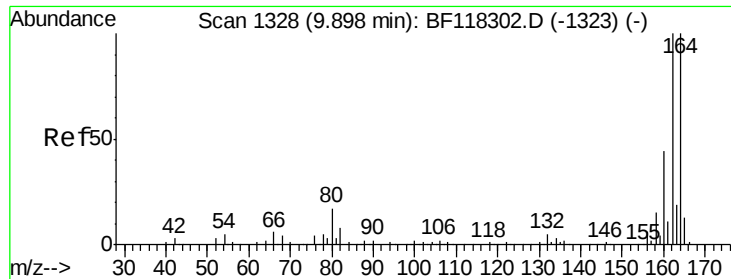
#25
 Isophorone
 Concen: 55.932 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF118461.D
 Acq: 3 Jan 2020 15:09

Tgt Ion: 82 Resp: 449136
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.3 9.5#
 138 0.0 16.2 24.2#



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF118461.D

Acq: 3 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB125813BL

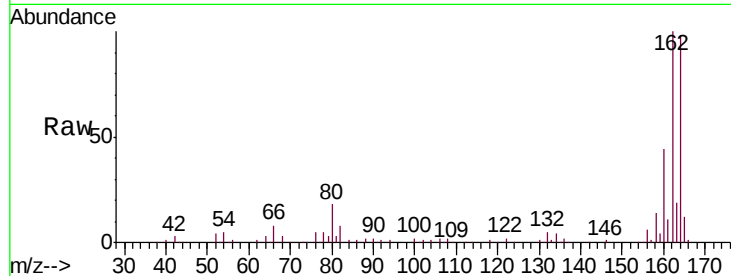
Tgt Ion:164 Resp: 181594

Ion Ratio Lower Upper

164 100

162 102.6 80.0 120.0

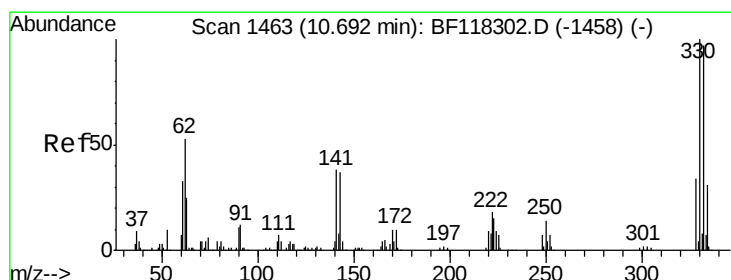
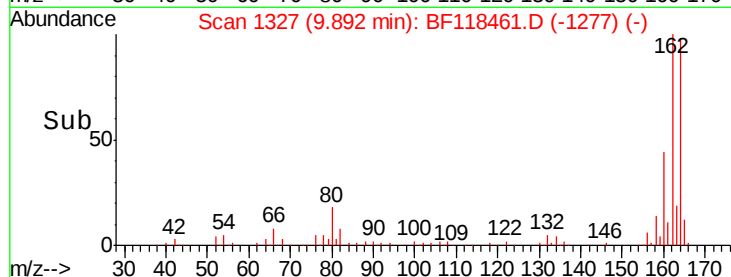
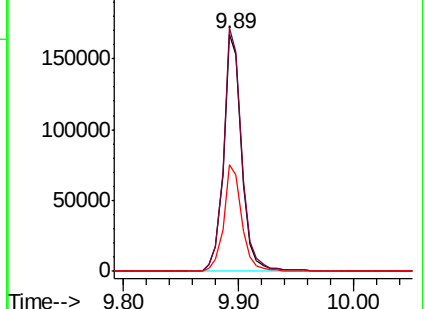
160 45.2 34.8 52.2



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: 141.415 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BF118461.D

Acq: 3 Jan 2020 15:09

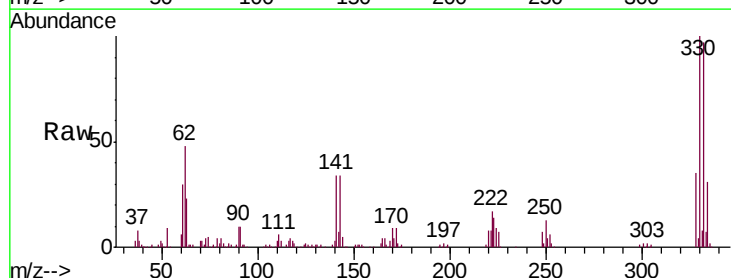
Tgt Ion:330 Resp: 317130

Ion Ratio Lower Upper

330 100

332 94.8 76.6 114.8

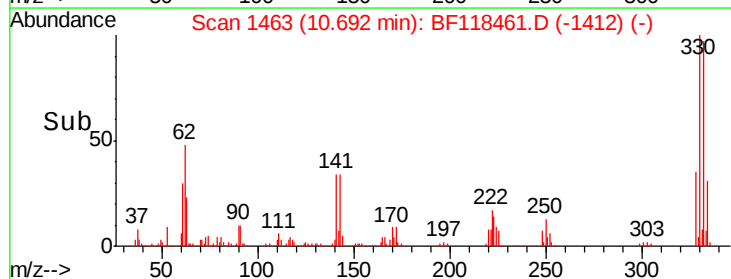
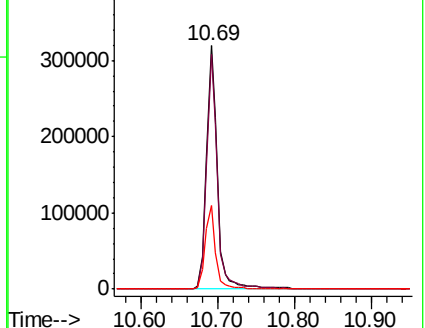
141 33.3 26.0 39.0

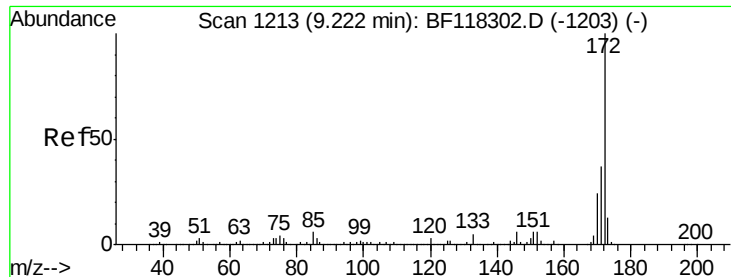


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

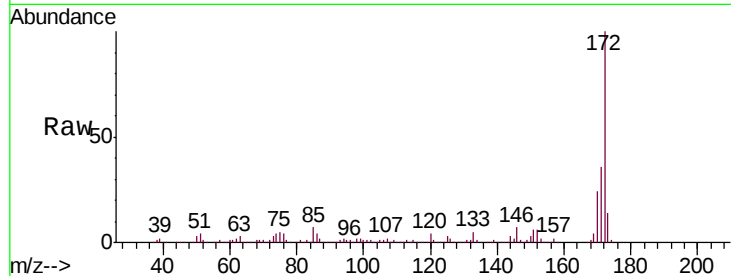




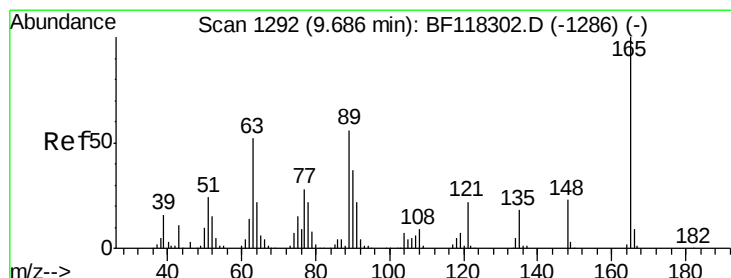
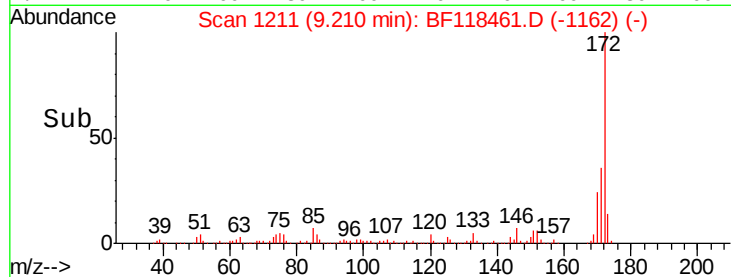
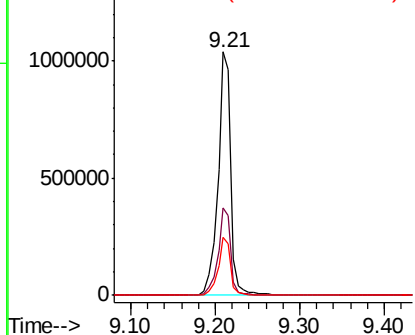
#45
2-Fluorobiphenyl
Concen: 94.040 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118461.D
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Tgt Ion:172 Resp: 1118725
Ion Ratio Lower Upper
172 100
171 36.1 29.3 43.9
170 24.1 19.2 28.8

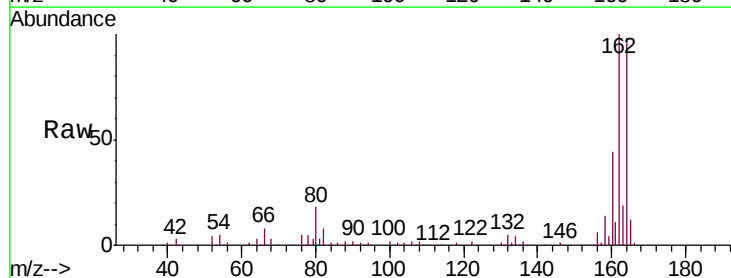


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

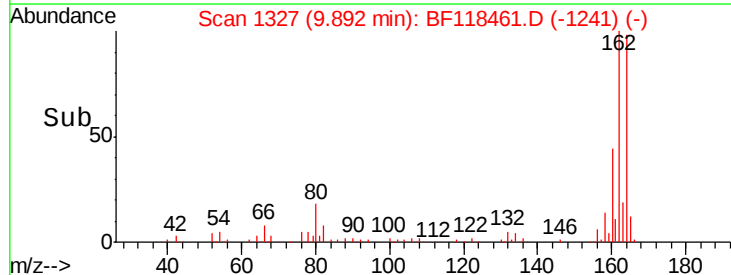
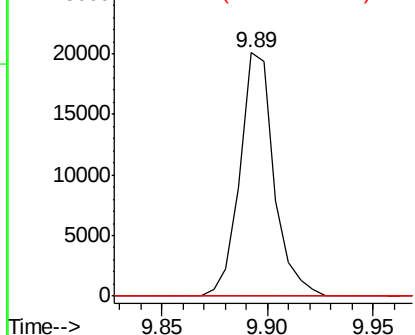


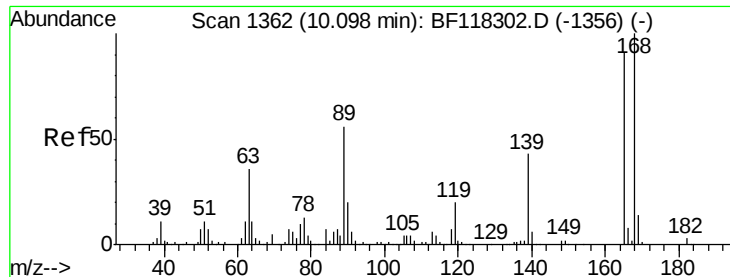
#51
2,6-Dinitrotoluene
Concen: 7.658 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF118461.D
Acq: 3 Jan 2020 15:09

Tgt Ion:165 Resp: 22505
Ion Ratio Lower Upper
165 100
63 0.0 42.2 63.4#
89 0.0 44.4 66.6#



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

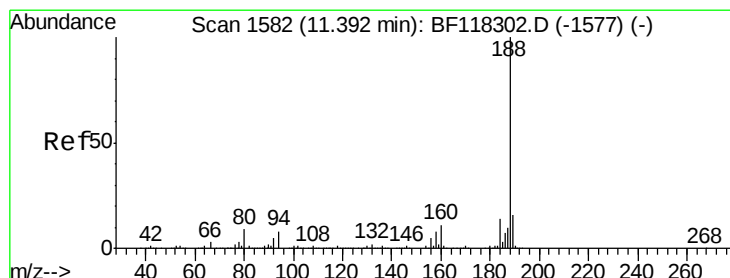
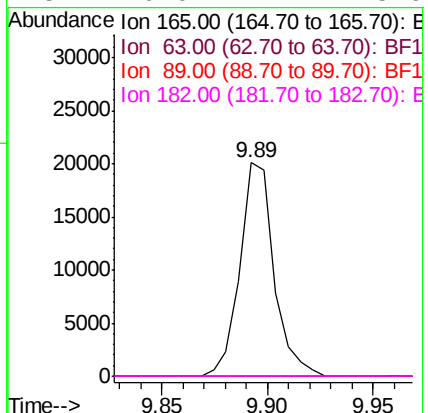
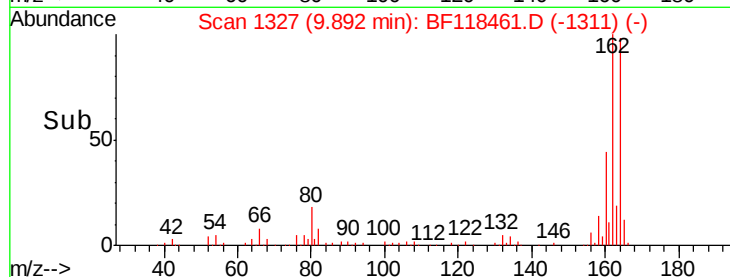
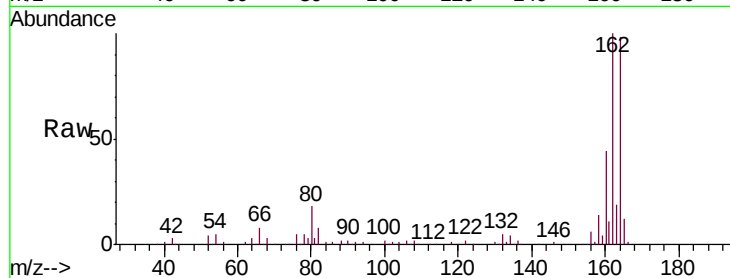




#57
 2,4-Dinitrotoluene
 Concen: 5.731 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.21 min
 Lab File: BF118461.D
 Acq: 3 Jan 2020 15:09

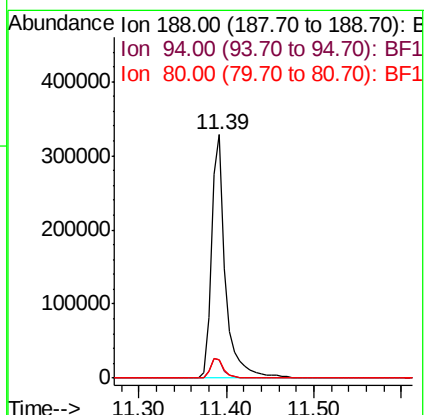
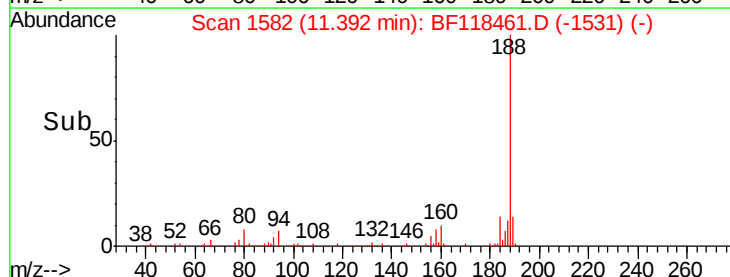
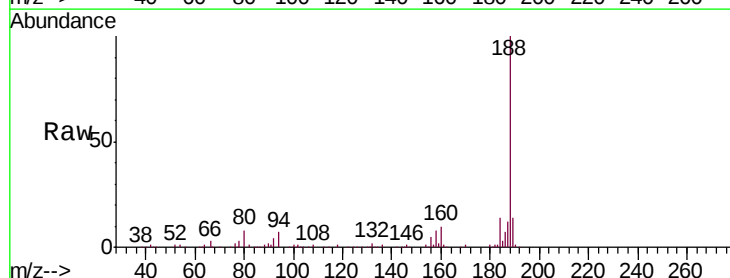
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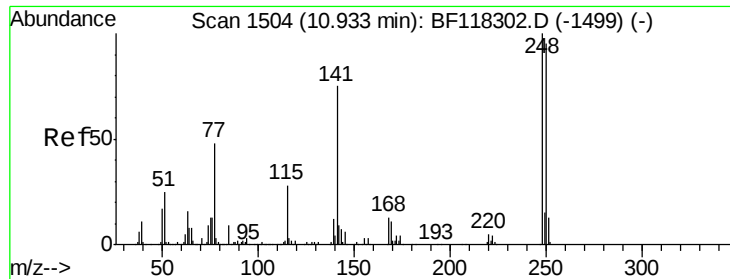
Tgt Ion:	165	Resp:	22505
Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.0	48.0#
89	0.0	49.3	73.9#
182	0.0	2.4	3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BF118461.D
 Acq: 3 Jan 2020 15:09

Tgt Ion:	188	Resp:	360676
Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	7.7	7.2	10.8

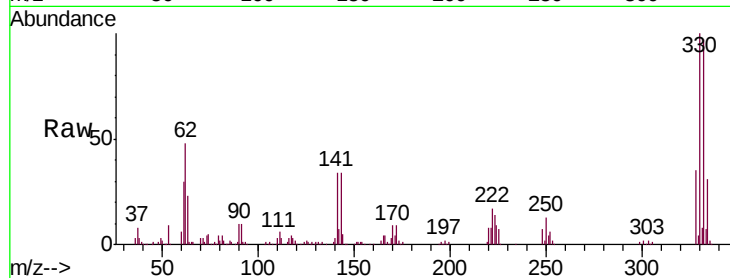




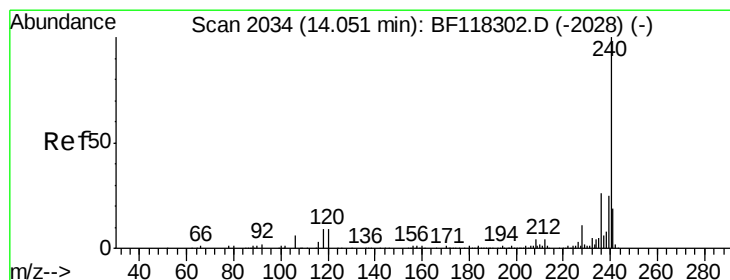
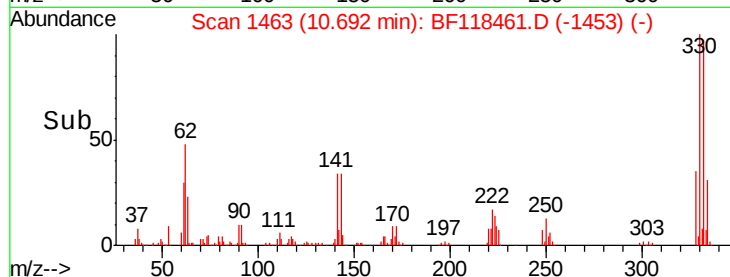
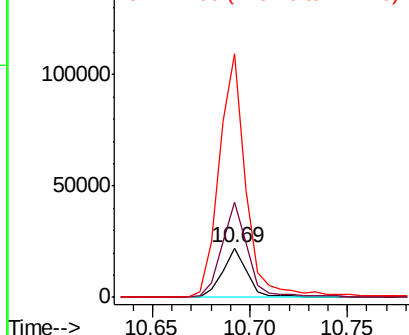
#67
4-Bromophenyl-phenylether
Concen: 4.633 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF118461.D
Acq: 3 Jan 2020 15:09

Instrument :
BNA_F
ClientSampled :
PB125813BL

Tgt Ion:248 Resp: 19554
Ion Ratio Lower Upper
248 100
250 192.3 76.4 114.6#
141 493.9 60.2 90.2#

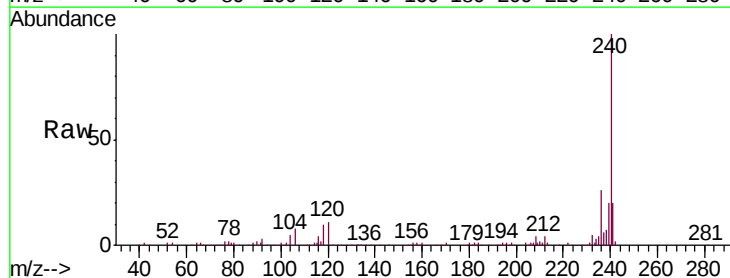


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

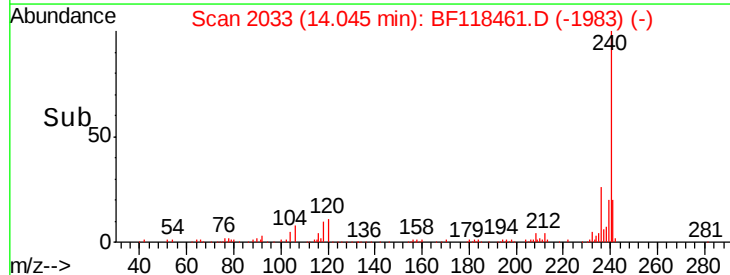
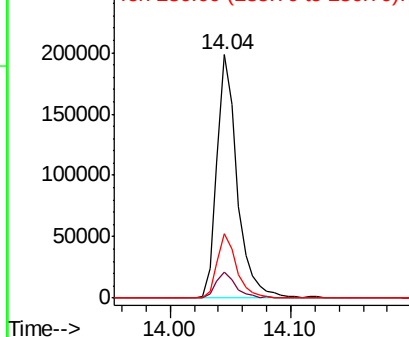


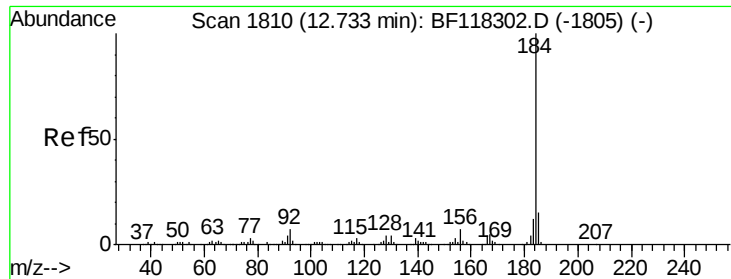
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118461.D
Acq: 3 Jan 2020 15:09

Tgt Ion:240 Resp: 229384
Ion Ratio Lower Upper
240 100
120 10.8 7.1 10.7#
236 26.2 21.0 31.6



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





#77

Benzidine

Concen: 3.263 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.25 min

Lab File: BF118461.D

Acq: 3 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB125813BL

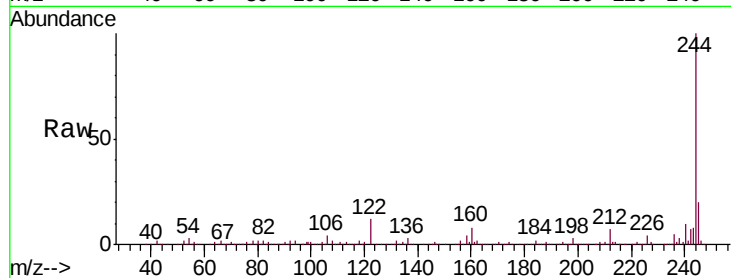
Tgt Ion:184 Resp: 20508

Ion Ratio Lower Upper

184 100

185 15.7 12.3 18.5

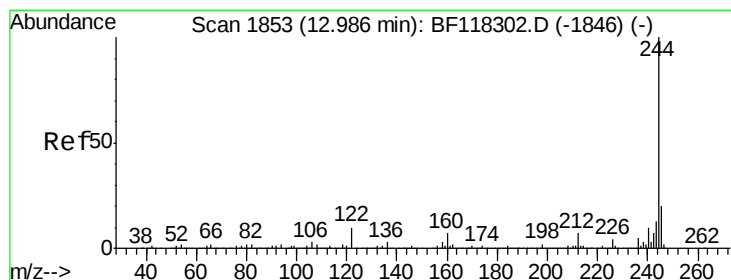
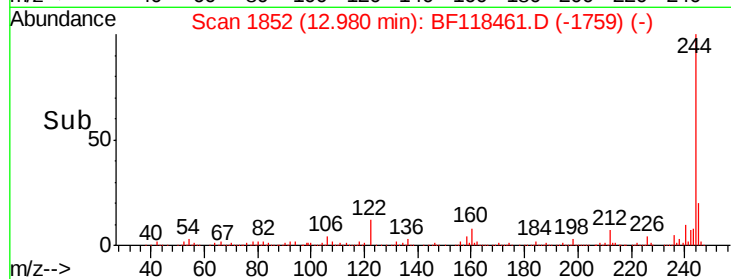
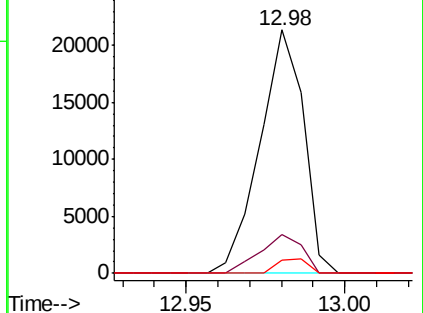
183 5.5 9.4 14.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 102.990 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118461.D

Acq: 3 Jan 2020 15:09

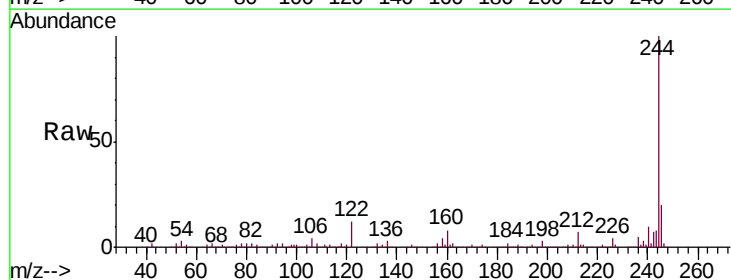
Tgt Ion:244 Resp: 1423981

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

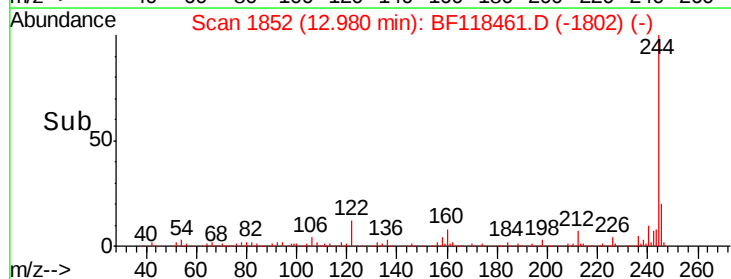
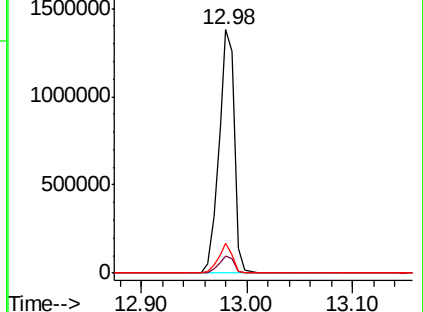
122 12.5 7.8 11.8#

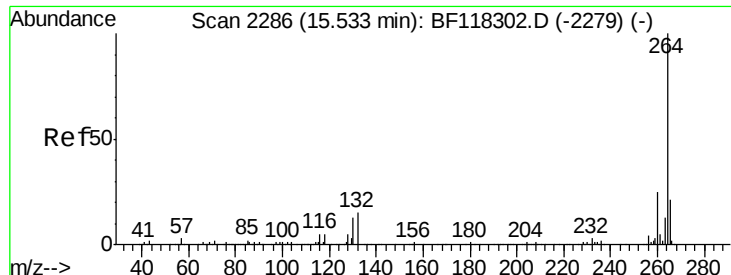


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF118461.D
Acq: 3 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB125813BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.8	29.6
265	22.0	17.0	25.4

