

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021422\
 Data File : BF126868.D
 Acq On : 14 Feb 2022 13:48
 Operator : CG\JU
 Sample : PB142610BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142610BL

Quant Time: Feb 15 00:57:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

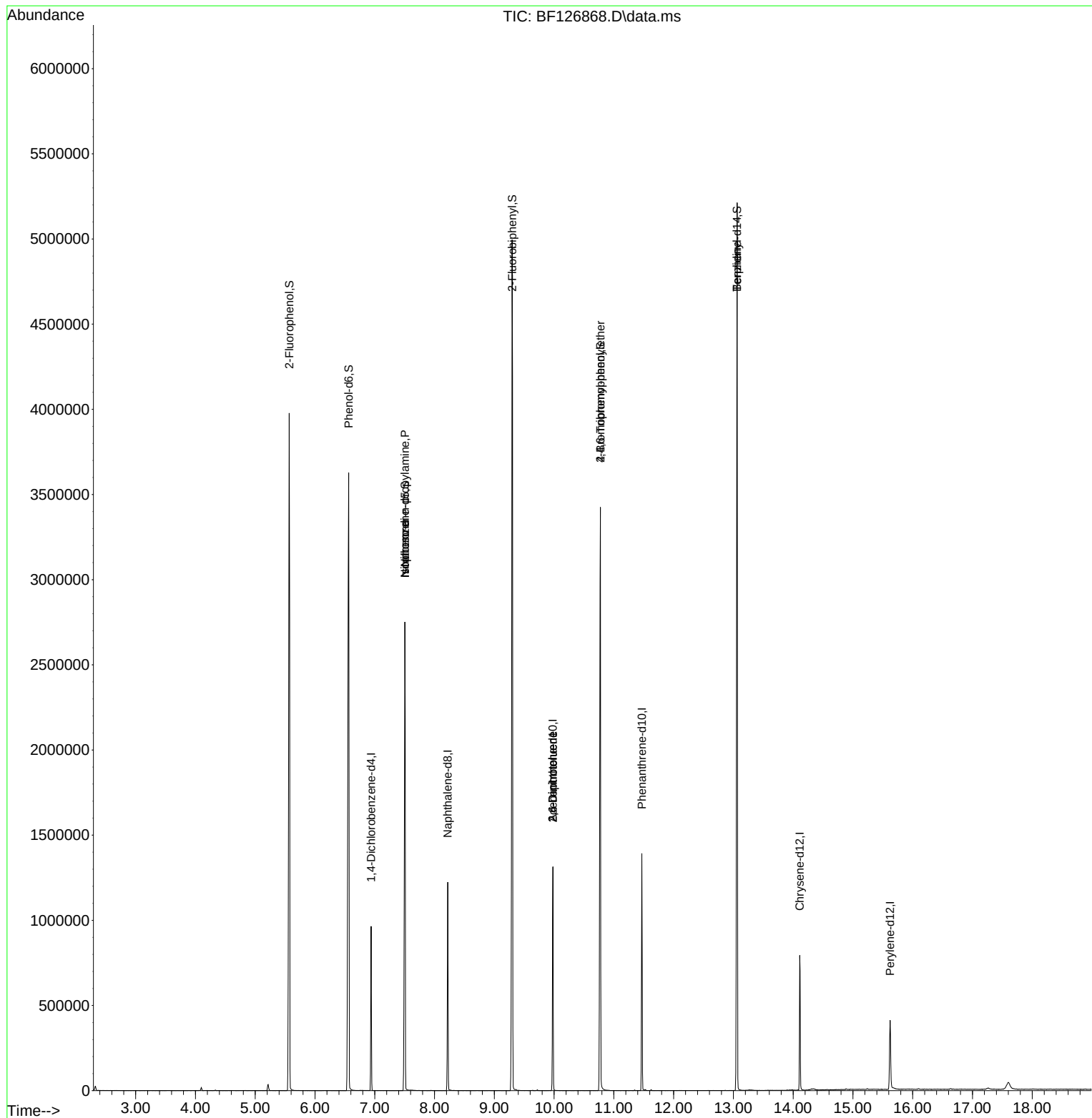
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	116546	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	478078	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	247308	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	435404	20.000	ng	0.00
76) Chrysene-d12	14.110	240	254459	20.000	ng	-0.01
86) Perylene-d12	15.621	264	179866	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1131614	149.494	ng	0.01
7) Phenol-d6	6.563	99	1496918	146.485	ng	0.00
23) Nitrobenzene-d5	7.504	82	1060297	102.331	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	418973	158.024	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1605279	97.708	ng	0.00
79) Terphenyl-d14	13.063	244	1772611	99.865	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	145362	22.463	ng	# 78
25) Isophorone	7.504	82	1060282	61.078	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	31017	8.754	ng	# 20
57) 2,4-Dinitrotoluene	9.980	165	31017	6.621	ng	# 16
67) 4-Bromophenyl-phenylether	10.774	248	25177	5.321	ng	# 1
77) Benzidine	13.063	184	25945	3.875	ng	# 94

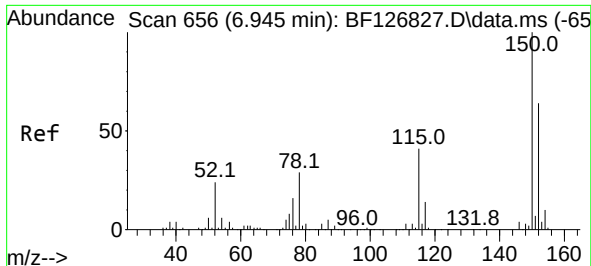
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
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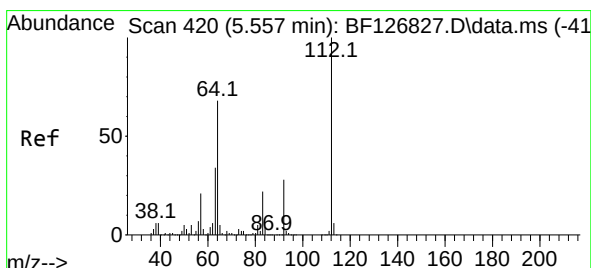
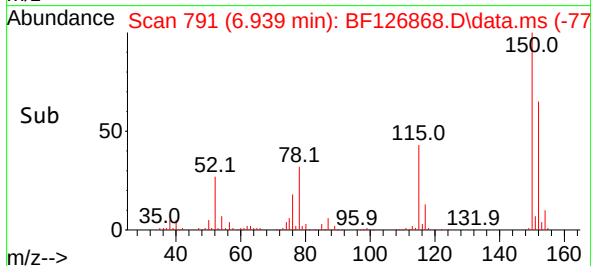
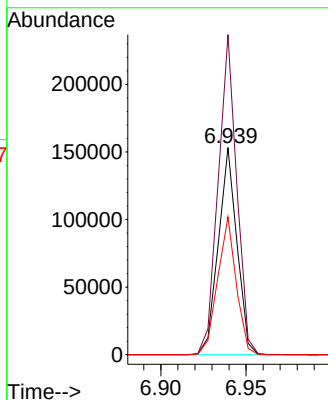
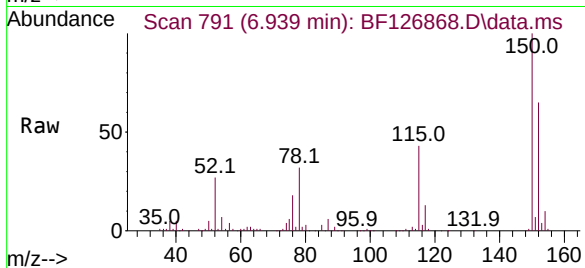




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.939 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF126868.D
 Acq: 14 Feb 2022 13:48

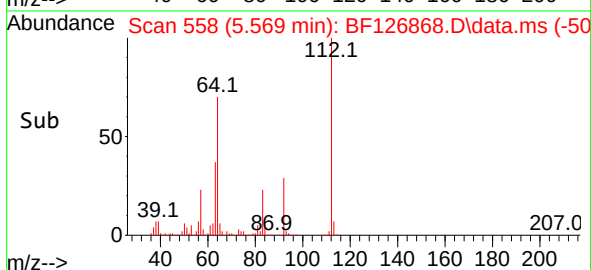
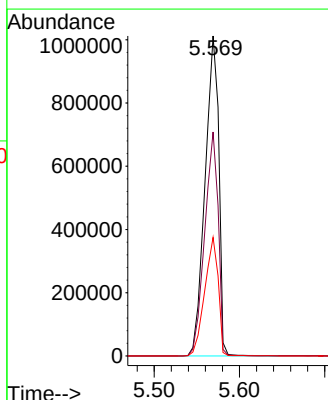
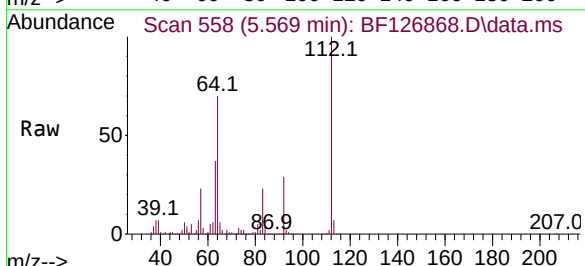
Instrument :
 BNA_F
 ClientSampleId :
 PB142610BL

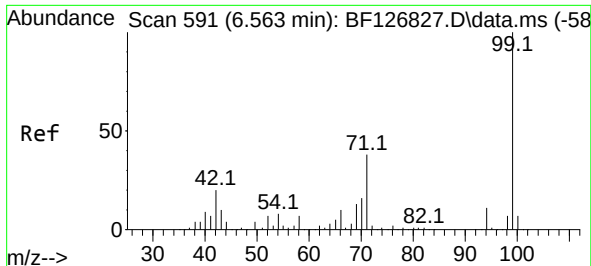
Tgt Ion:152 Resp: 116546
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.3 186.5
 115 66.5 50.5 75.7



#5
 2-Fluorophenol
 Concen: 149.494 ng
 RT: 5.569 min Scan# 558
 Delta R.T. 0.012 min
 Lab File: BF126868.D
 Acq: 14 Feb 2022 13:48

Tgt Ion:112 Resp: 1131614
 Ion Ratio Lower Upper
 112 100
 64 70.0 54.3 81.5
 63 37.0 27.5 41.3

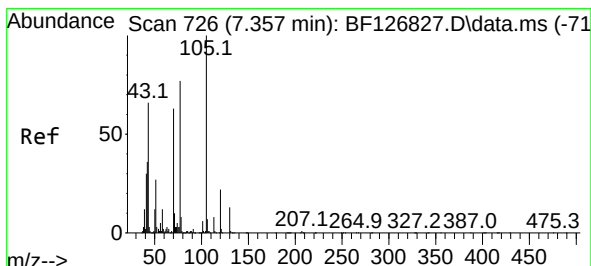
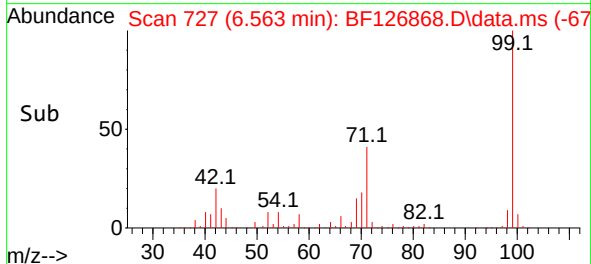
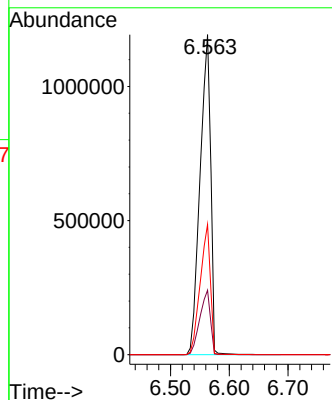
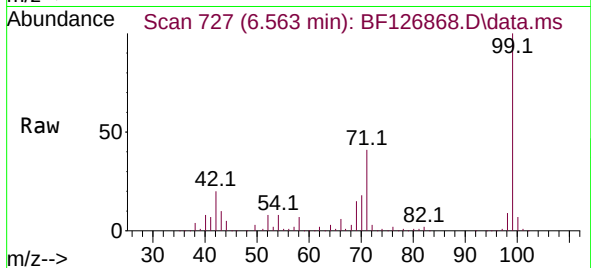




#7
Phenol-d6
Concen: 146.485 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126868.D
Acq: 14 Feb 2022 13:48

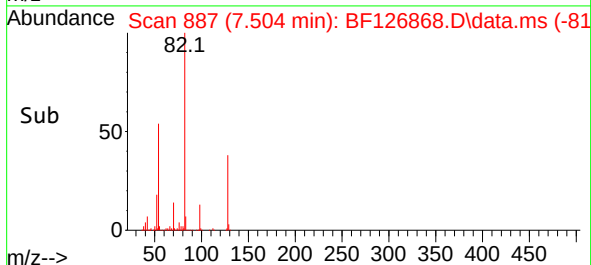
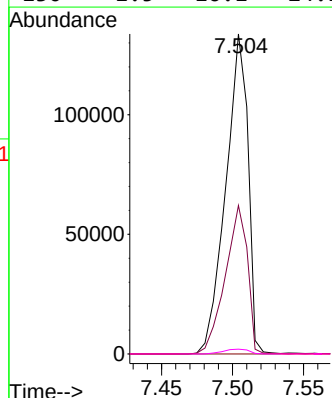
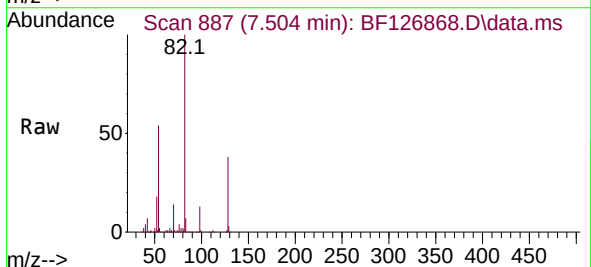
Instrument :
BNA_F
ClientSampleId :
PB142610BL

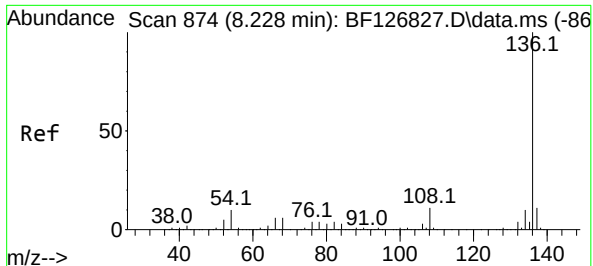
Tgt Ion: 99 Resp: 1496918
Ion Ratio Lower Upper
99 100
42 20.1 15.8 23.6
71 40.7 30.6 45.8



#19
n-Nitroso-di-n-propylamine
Concen: 22.463 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF126868.D
Acq: 14 Feb 2022 13:48

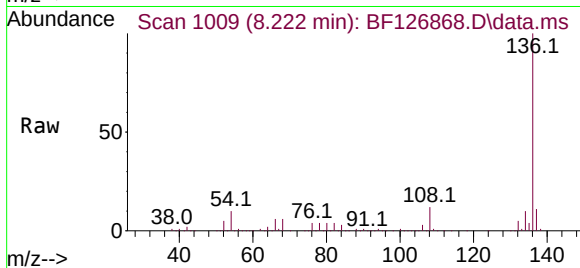
Tgt Ion: 70 Resp: 145362
Ion Ratio Lower Upper
70 100
42 46.4 46.3 69.5
101 0.0 7.5 11.3#
130 1.5 16.1 24.1#



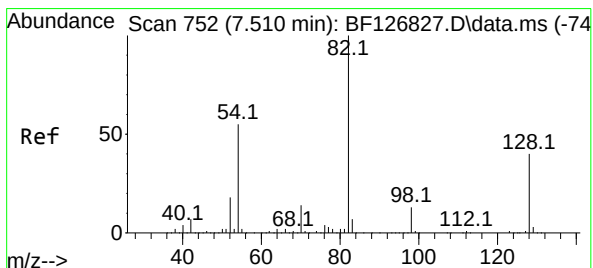
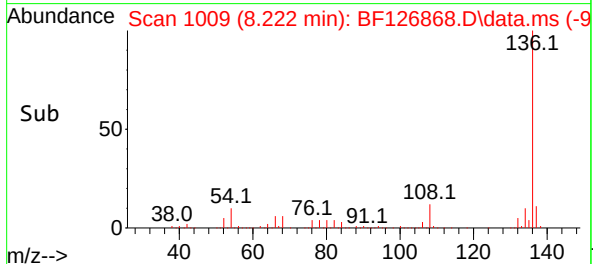
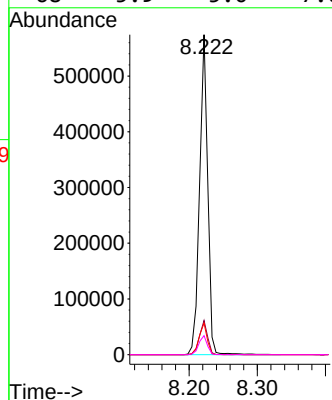


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126868.D
Acq: 14 Feb 2022 13:48

Instrument :
BNA_F
ClientSampleId :
PB142610BL

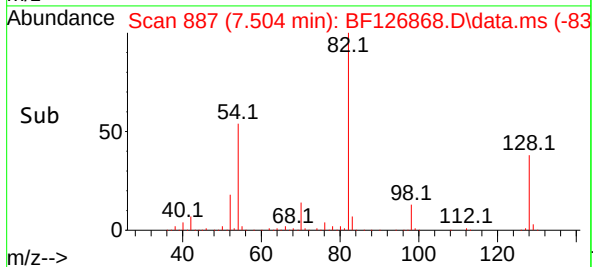
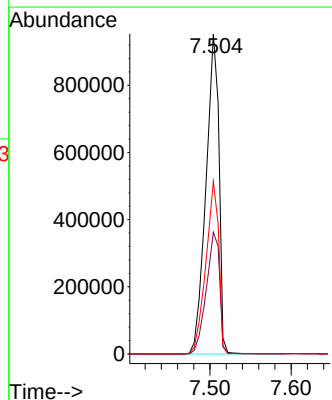
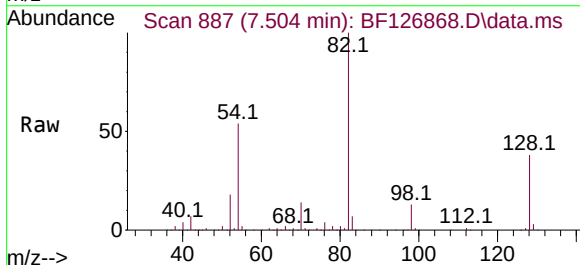


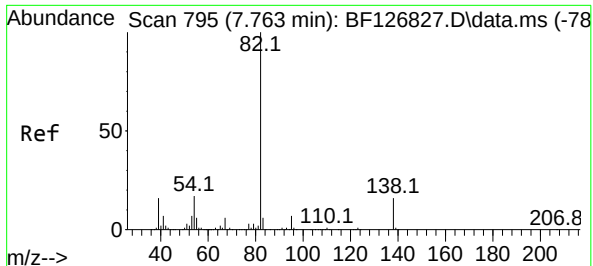
Tgt Ion:136 Resp: 478078
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.9 8.0 12.0
68 5.9 5.0 7.6



#23
Nitrobenzene-d5
Concen: 102.331 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF126868.D
Acq: 14 Feb 2022 13:48

Tgt Ion: 82 Resp: 1060297
Ion Ratio Lower Upper
82 100
128 38.1 31.6 47.4
54 53.9 43.7 65.5

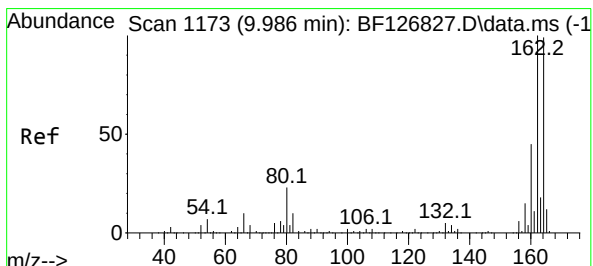
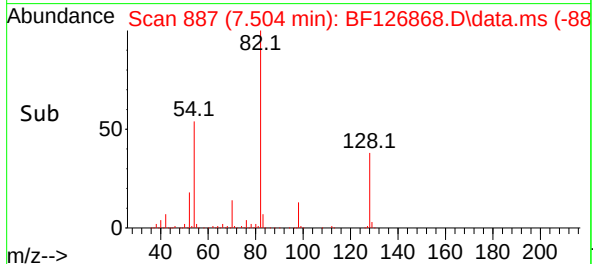
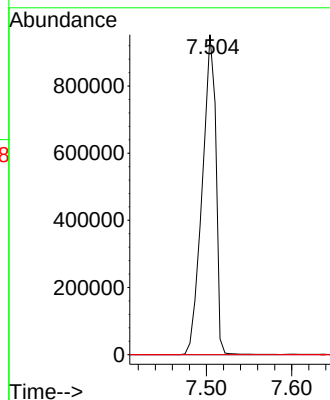
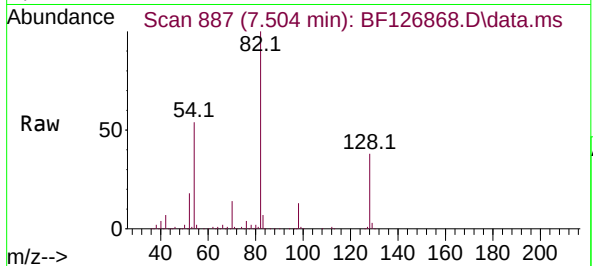




#25
Isophorone
Concen: 61.078 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF126868.D
Acq: 14 Feb 2022 13:48

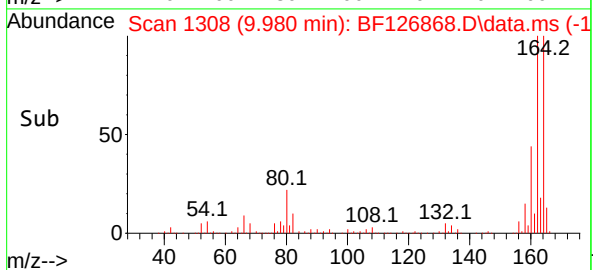
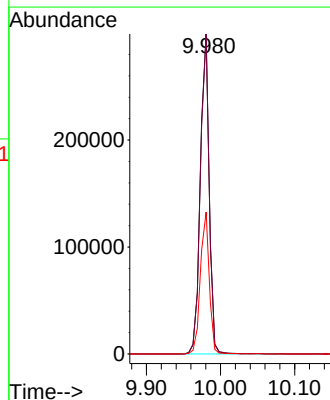
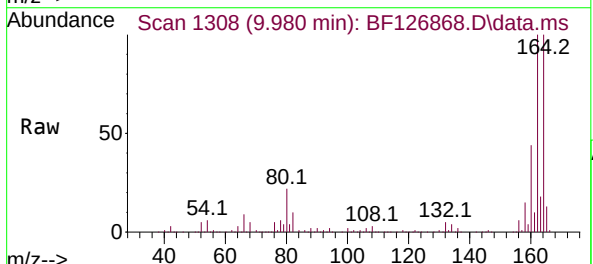
Instrument :
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ClientSampleId :
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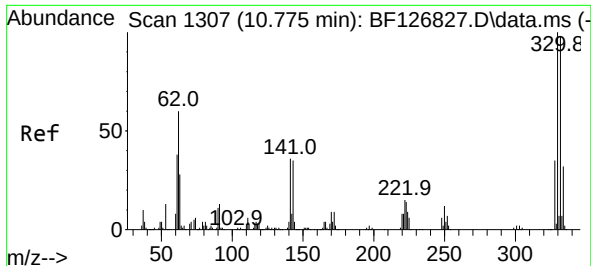
Tgt Ion: 82 Resp: 1060282
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF126868.D
Acq: 14 Feb 2022 13:48

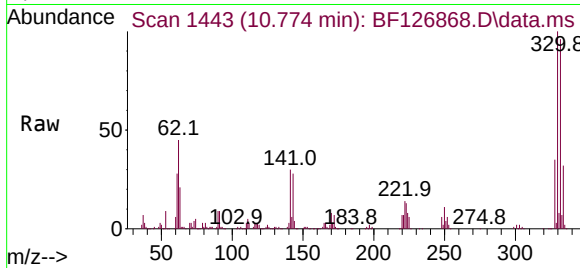
Tgt Ion:164 Resp: 247308
Ion Ratio Lower Upper
164 100
162 99.9 80.9 121.3
160 44.4 36.0 54.0



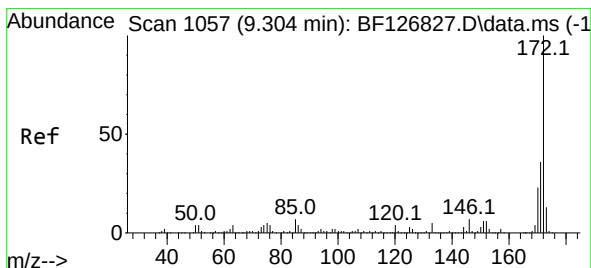
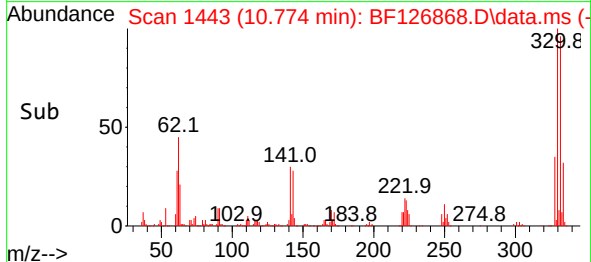
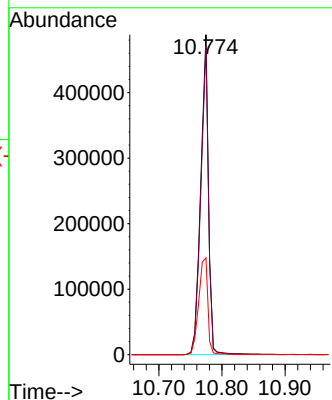


#42
2,4,6-Tribromophenol
Concen: 158.024 ng
RT: 10.774 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF126868.D
Acq: 14 Feb 2022 13:48

Instrument :
BNA_F
ClientSampleId :
PB142610BL

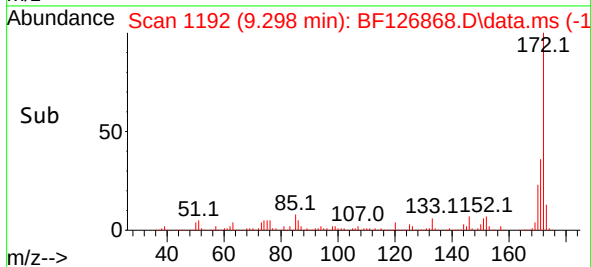
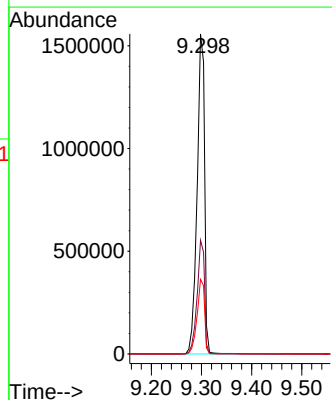
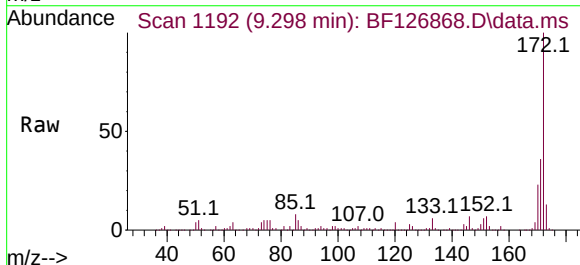


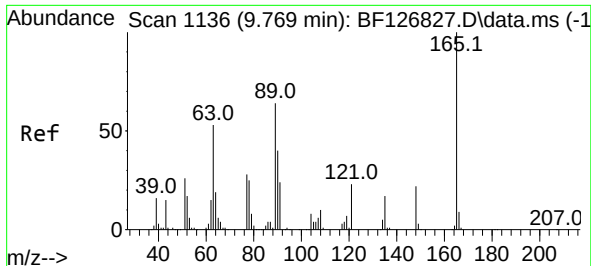
Tgt Ion:330 Resp: 418973
Ion Ratio Lower Upper
330 100
332 95.7 78.2 117.4
141 35.6 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 97.708 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF126868.D
Acq: 14 Feb 2022 13:48

Tgt Ion:172 Resp: 1605279
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.3 18.7 28.1

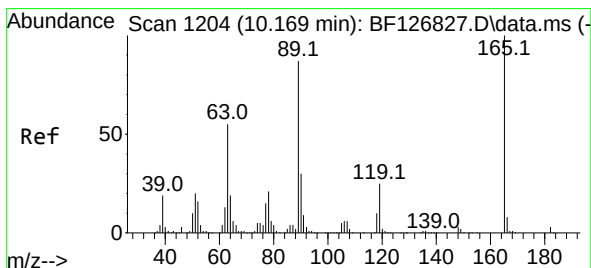
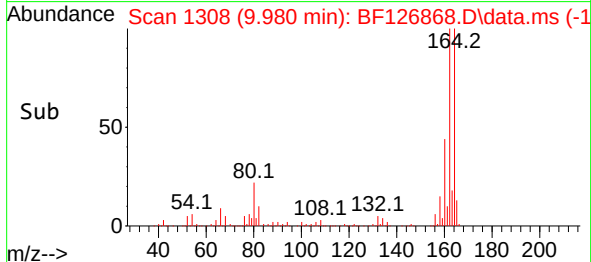
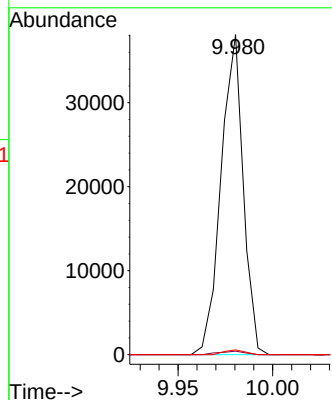
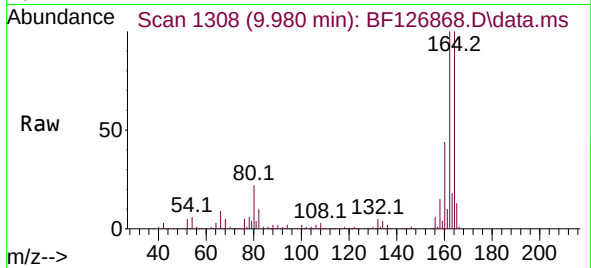




#51
2,6-Dinitrotoluene
Concen: 8.754 ng
RT: 9.980 min Scan# 1136
Delta R.T. 0.211 min
Lab File: BF126868.D
Acq: 14 Feb 2022 13:48

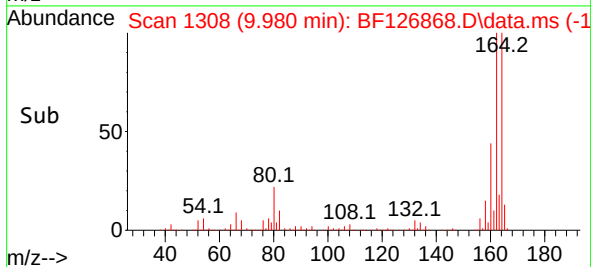
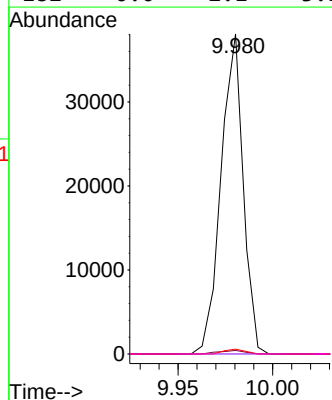
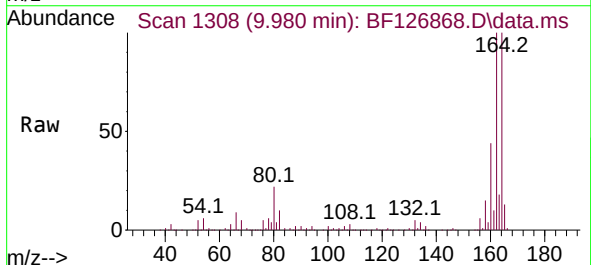
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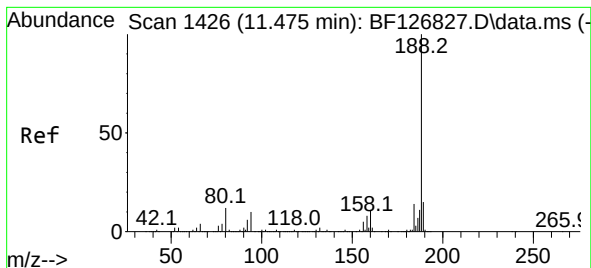
Tgt Ion:165 Resp: 31017
Ion Ratio Lower Upper
165 100
63 1.1 49.9 74.9#
89 1.5 51.0 76.4#



#57
2,4-Dinitrotoluene
Concen: 6.621 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.188 min
Lab File: BF126868.D
Acq: 14 Feb 2022 13:48

Tgt Ion:165 Resp: 31017
Ion Ratio Lower Upper
165 100
63 1.1 43.9 65.9#
89 1.5 69.8 104.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126868.D

Acq: 14 Feb 2022 13:48

Instrument :

BNA_F

ClientSampleId :

PB142610BL

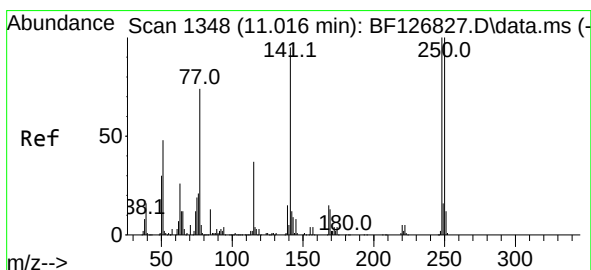
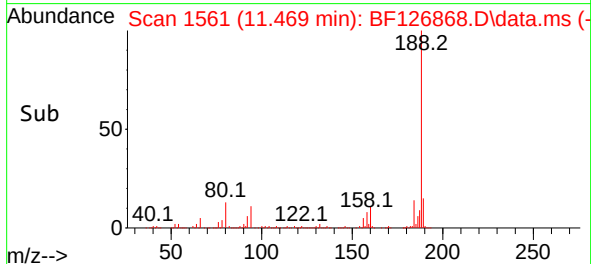
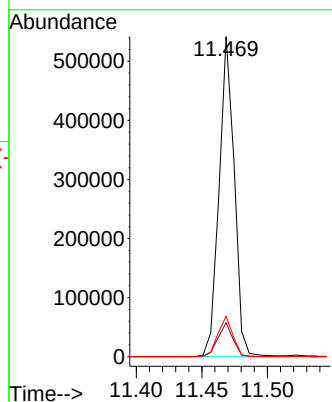
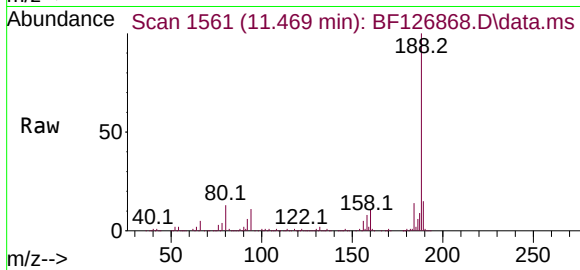
Tgt Ion:188 Resp: 435404

Ion Ratio Lower Upper

188 100

94 10.6 8.1 12.1

80 12.6 9.5 14.3



#67

4-Bromophenyl-phenylether

Concen: 5.321 ng

RT: 10.774 min Scan# 1443

Delta R.T. -0.241 min

Lab File: BF126868.D

Acq: 14 Feb 2022 13:48

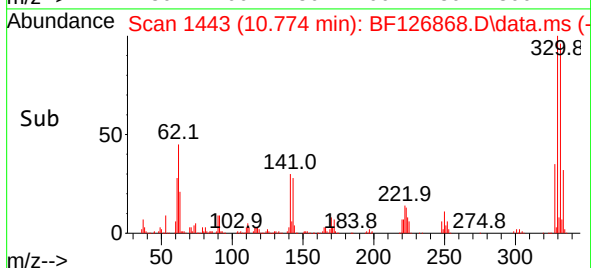
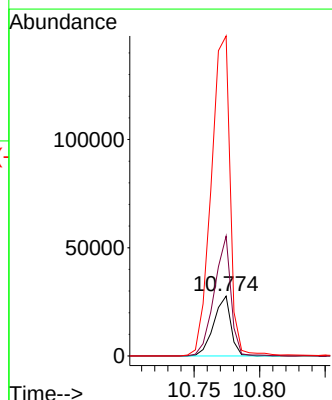
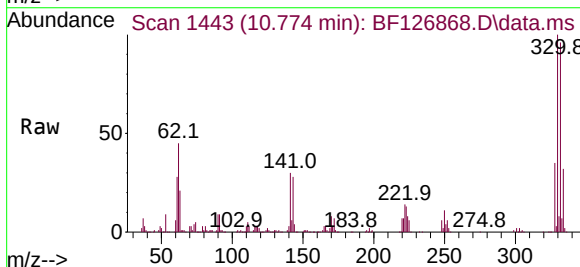
Tgt Ion:248 Resp: 25177

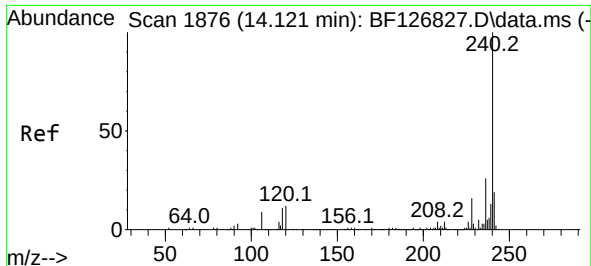
Ion Ratio Lower Upper

248 100

250 200.3 80.0 120.0#

141 534.7 75.6 113.4#

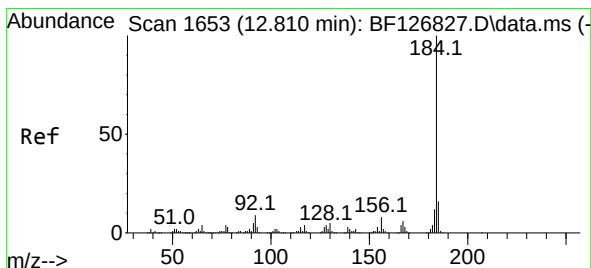
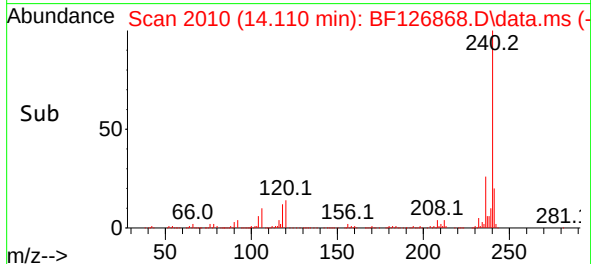
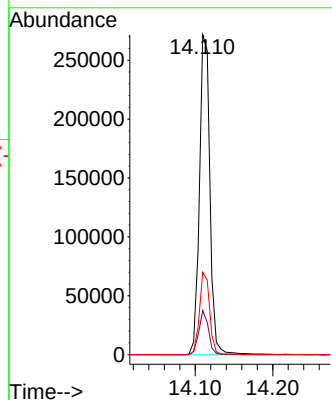
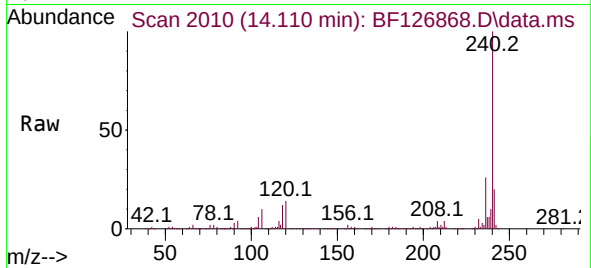




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF126868.D
Acq: 14 Feb 2022 13:48

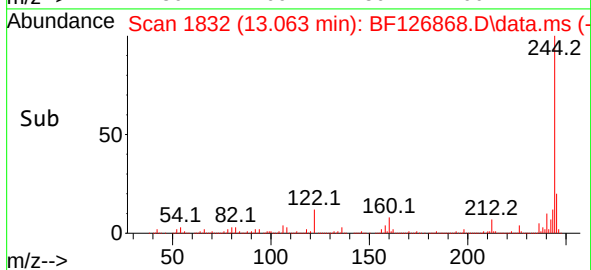
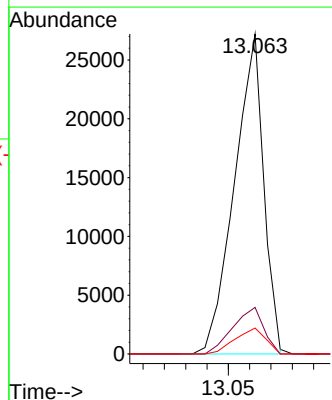
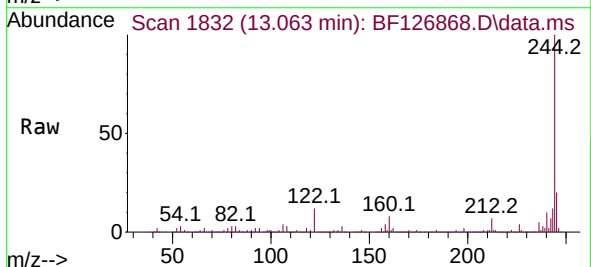
Instrument :
BNA_F
ClientSampleId :
PB142610BL

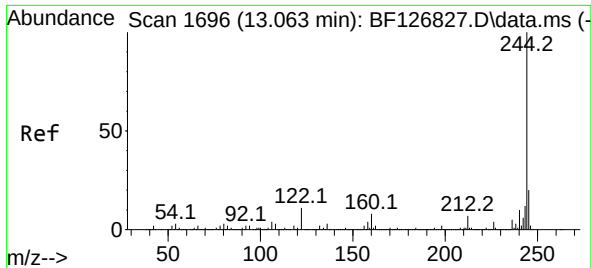
Tgt Ion:240 Resp: 254459
Ion Ratio Lower Upper
240 100
120 13.8 9.8 14.6
236 25.8 20.5 30.7



#77
Benzidine
Concen: 3.875 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.253 min
Lab File: BF126868.D
Acq: 14 Feb 2022 13:48

Tgt Ion:184 Resp: 25945
Ion Ratio Lower Upper
184 100
185 14.5 12.5 18.7
183 8.1 9.6 14.4#

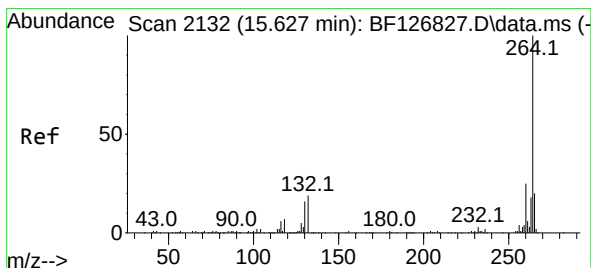
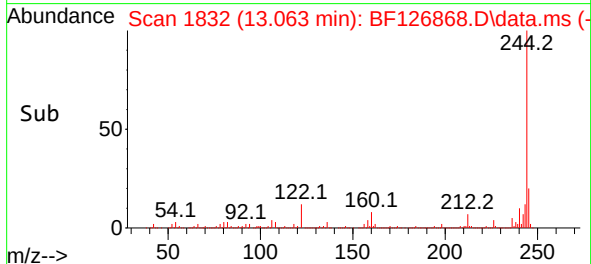
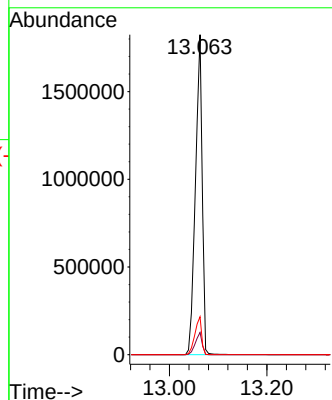
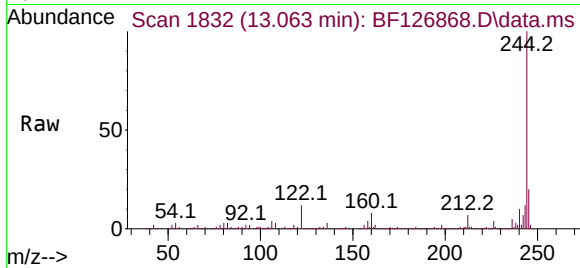




#79
 Terphenyl-d14
 Concen: 99.865 ng
 RT: 13.063 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126868.D
 Acq: 14 Feb 2022 13:48

Instrument :
 BNA_F
 ClientSampleId :
 PB142610BL

Tgt Ion:244 Resp: 1772611
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.9 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF126868.D
 Acq: 14 Feb 2022 13:48

Tgt Ion:264 Resp: 179866
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 22.2 15.9 23.9

