

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010421\
 Data File : BF122910.D
 Acq On : 4 Jan 2021 15:16
 Operator : JU/CG
 Sample : PB133893BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133893BL

Quant Time: Jan 04 16:14:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 15:53:00 2020
 Response via : Initial Calibration

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

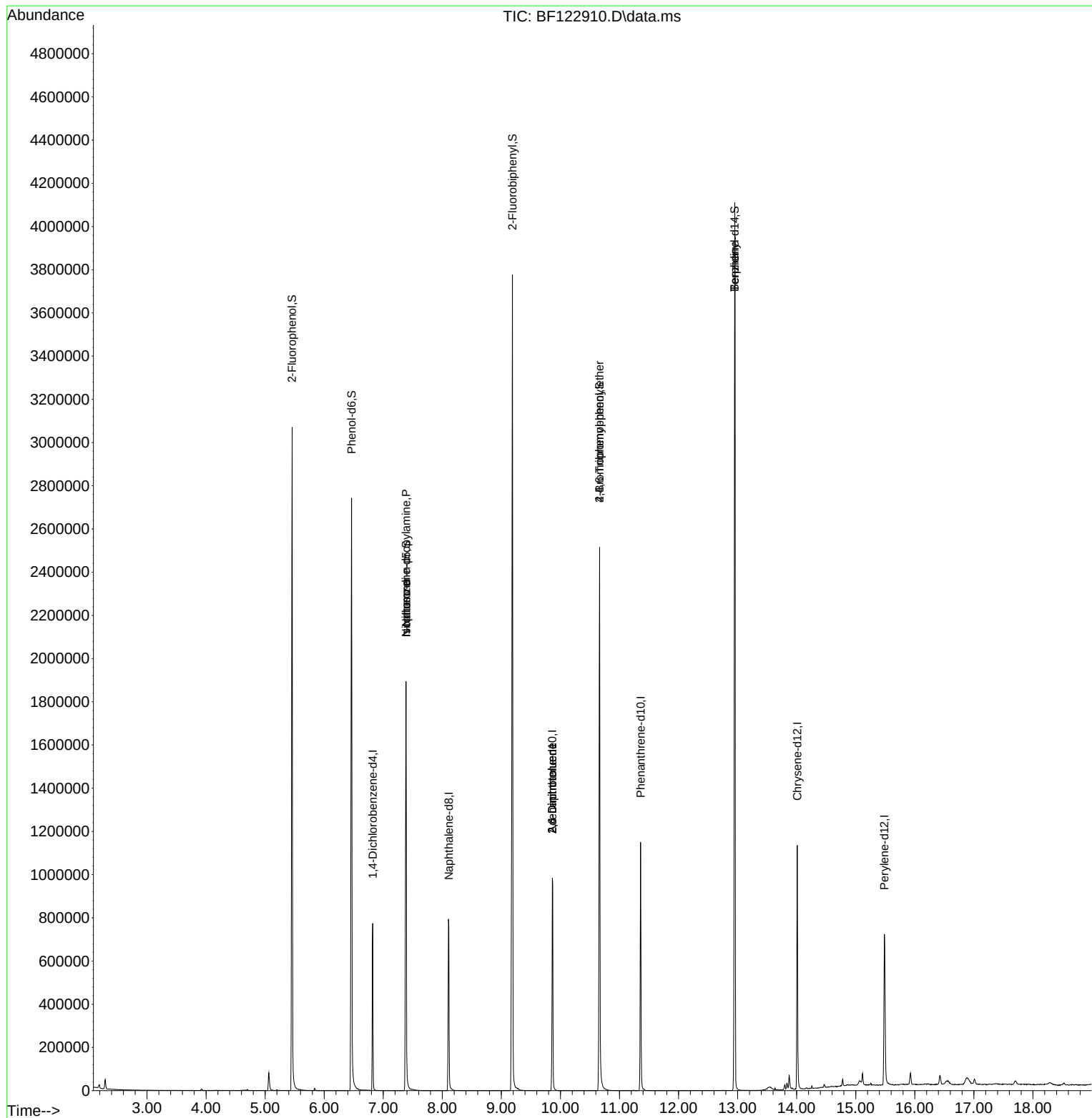
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	123394	20.00	ng	0.00
21) Naphthalene-d8	8.110	136	474501	20.00	ng	0.00
39) Acenaphthene-d10	9.863	164	252198	20.00	ng	-0.01
64) Phenanthrene-d10	11.357	188	467181	20.00	ng	0.00
76) Chrysene-d12	14.009	240	409160	20.00	ng	0.00
86) Perylene-d12	15.486	264	348265	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	929432	119.25	ng	0.02
7) Phenol-d6	6.463	99	1159838	112.20	ng	0.00
23) Nitrobenzene-d5	7.386	82	751752	79.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	388735	117.76	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1423502	76.34	ng	0.00
79) Terphenyl-d14	12.951	244	1592234	68.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.386	70	96687	16.33	ng	# 77
25) Isophorone	7.386	82	707682	43.38	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	31902	7.50	ng	# 30
57) 2,4-Dinitrotoluene	9.863	165	31902	5.63	ng	# 24
67) 4-Bromophenyl-phenylether	10.663	248	23550	3.72	ng	# 1
77) Benzidine	12.951	184	20005	2.26	ng	# 94

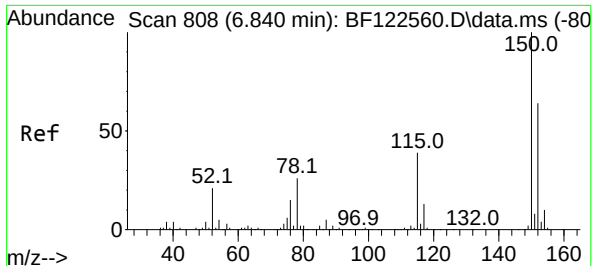
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010421\
Data File : BF122910.D
Acq On : 4 Jan 2021 15:16
Operator : JU/CG
Sample : PB133893BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133893BL

Quant Time: Jan 04 16:14:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 15:53:00 2020
Response via : Initial Calibration

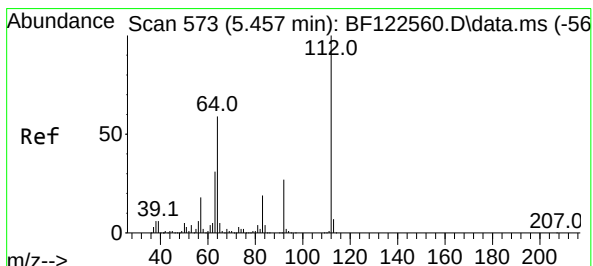
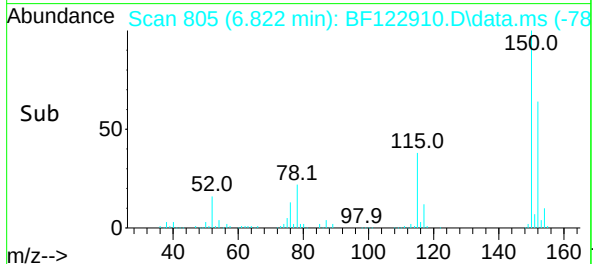
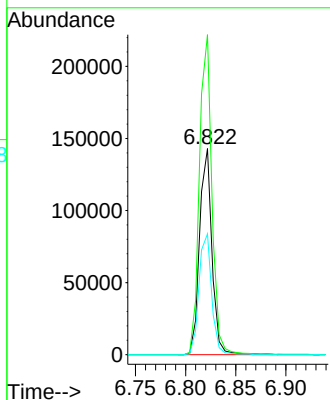
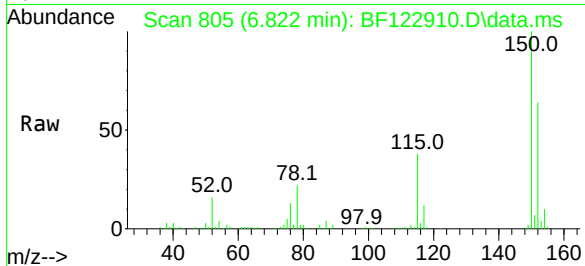




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF122910.D
Acq: 4 Jan 2021 15:16

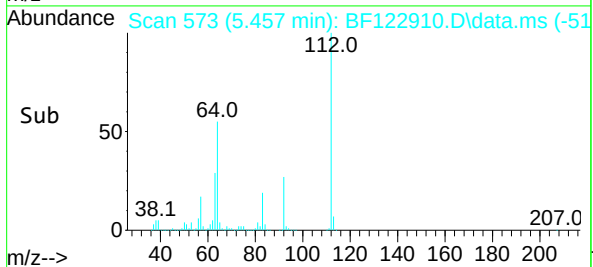
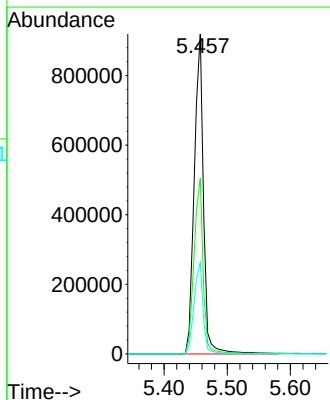
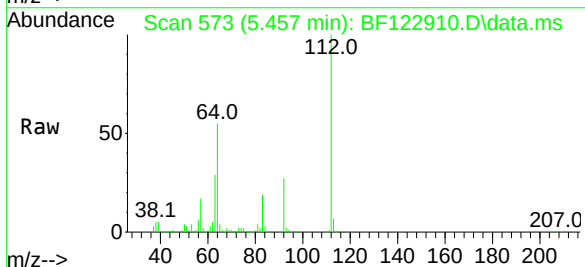
Instrument :
BNA_F
ClientSampleId :
PB133893BL

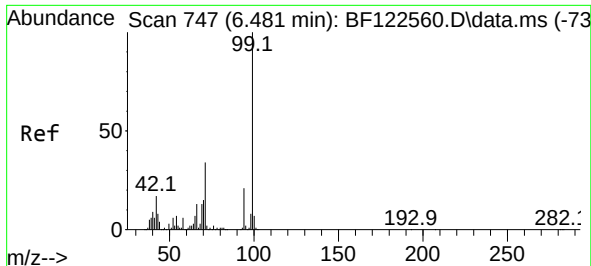
Tgt Ion:152 Resp: 123394
Ion Ratio Lower Upper
152 100
150 155.3 125.8 188.6
115 58.6 49.3 73.9



#5
2-Fluorophenol
Concen: 119.25 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF122910.D
Acq: 4 Jan 2021 15:16

Tgt Ion:112 Resp: 929432
Ion Ratio Lower Upper
112 100
64 54.9 46.9 70.3
63 28.6 24.5 36.7

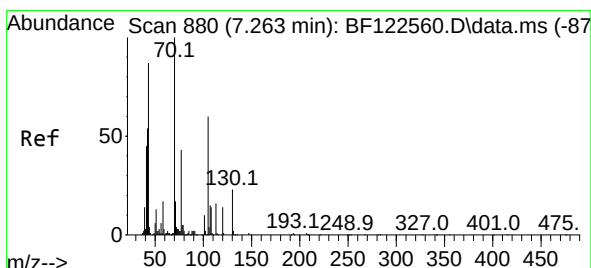
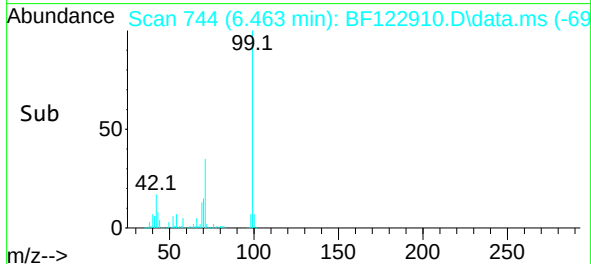
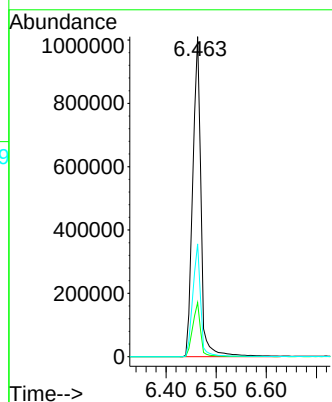
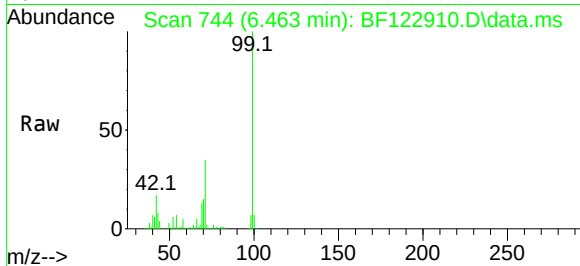




#7
Phenol-d6
Concen: 112.20 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF122910.D
Acq: 4 Jan 2021 15:16

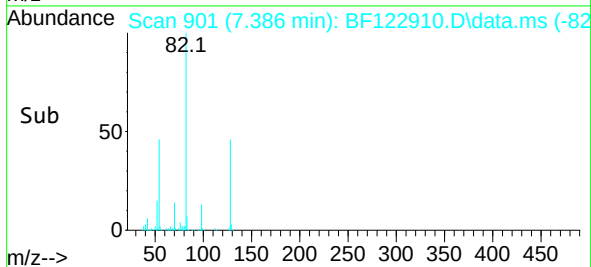
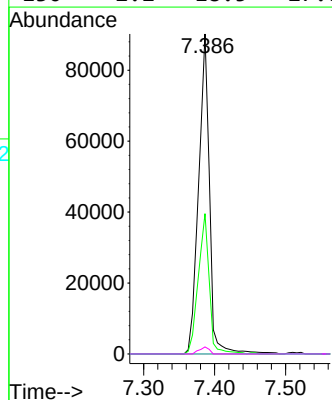
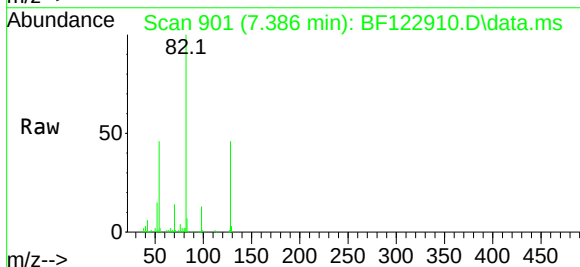
Instrument :
BNA_F
ClientSampleId :
PB133893BL

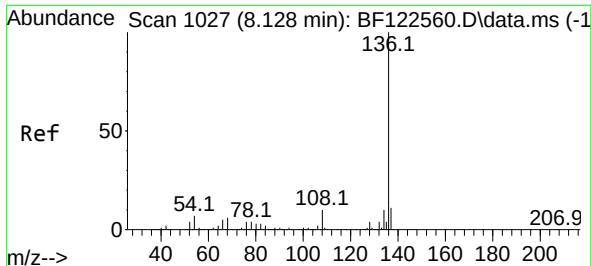
Tgt Ion: 99 Resp: 1159838
Ion Ratio Lower Upper
99 100
42 16.9 13.8 20.6
71 35.3 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.33 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.135 min
Lab File: BF122910.D
Acq: 4 Jan 2021 15:16

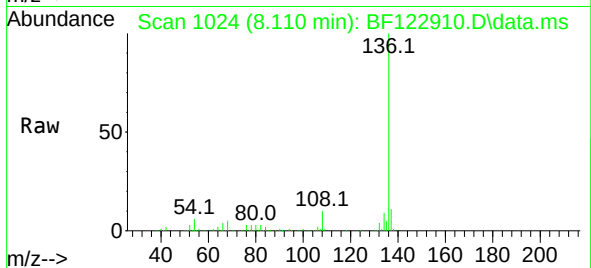
Tgt Ion: 70 Resp: 96687
Ion Ratio Lower Upper
70 100
42 43.9 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#



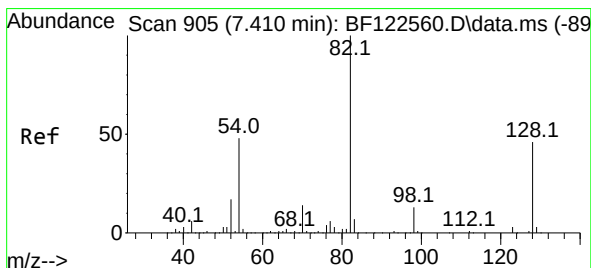
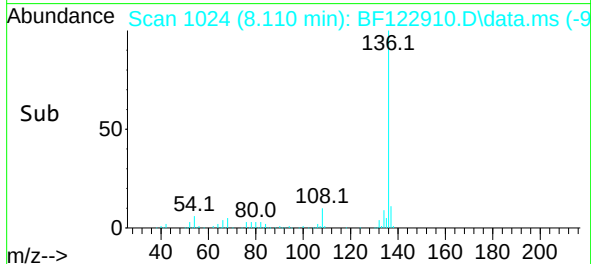
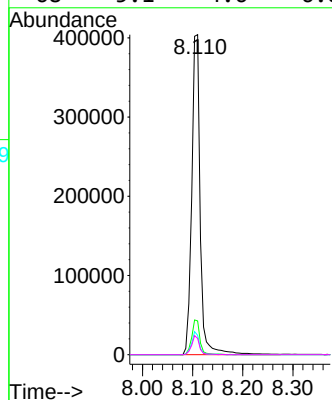


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF122910.D
Acq: 4 Jan 2021 15:16

Instrument :
BNA_F
ClientSampleId :
PB133893BL

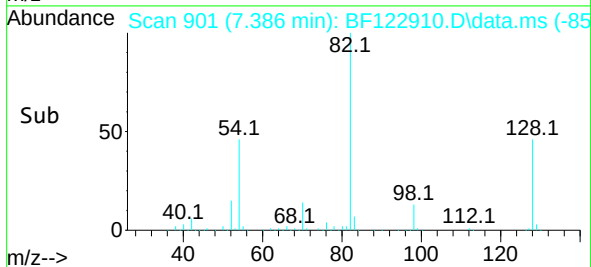
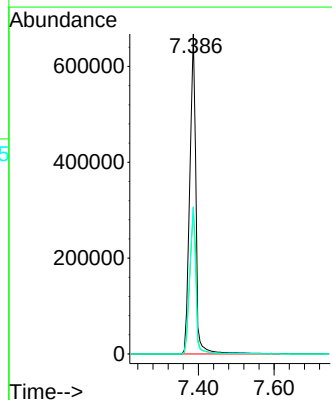
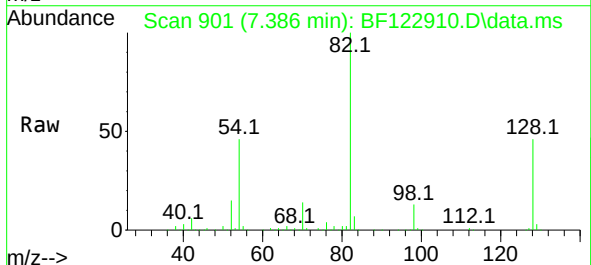


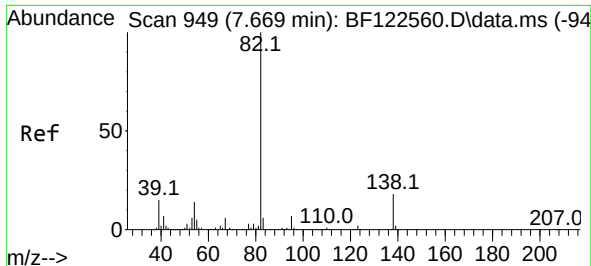
Tgt Ion:136 Resp: 474501
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.1 5.5 8.3
68 5.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 79.38 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.012 min
Lab File: BF122910.D
Acq: 4 Jan 2021 15:16

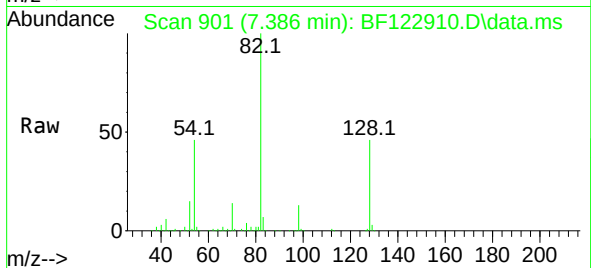
Tgt Ion: 82 Resp: 751752
Ion Ratio Lower Upper
82 100
128 45.8 37.0 55.4
54 46.0 38.4 57.6



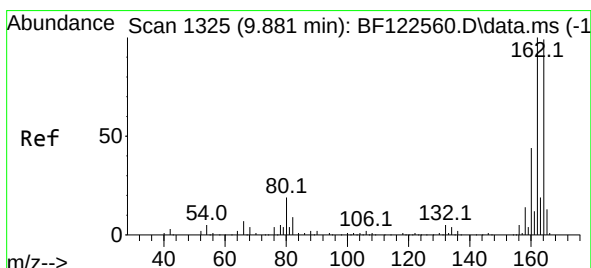
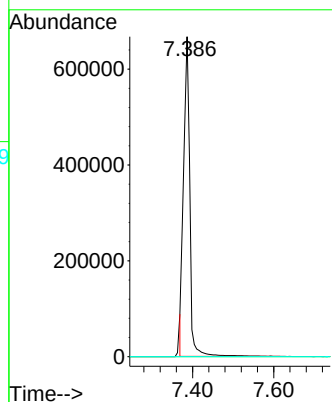
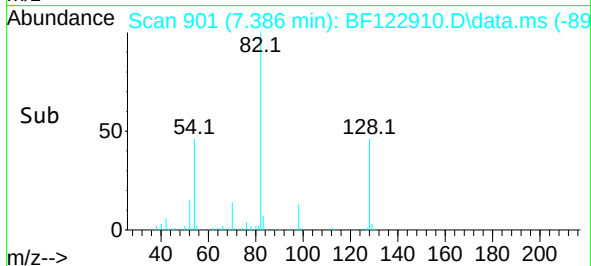


#25
Isophorone
Concen: 43.38 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.271 min
Lab File: BF122910.D
Acq: 4 Jan 2021 15:16

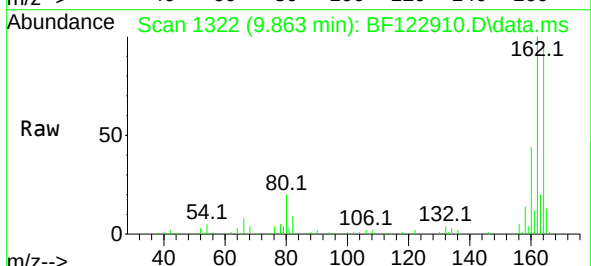
Instrument :
BNA_F
ClientSampleId :
PB133893BL



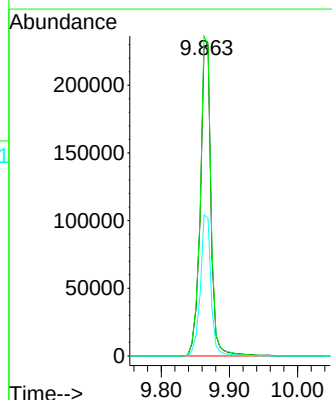
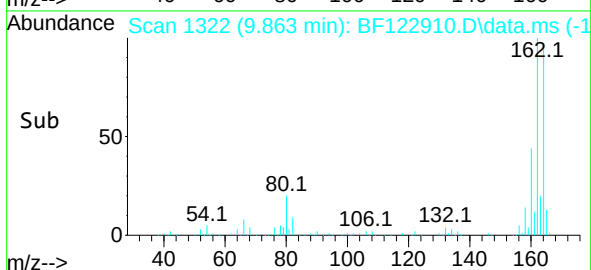
Tgt Ion: 82 Resp: 707682
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

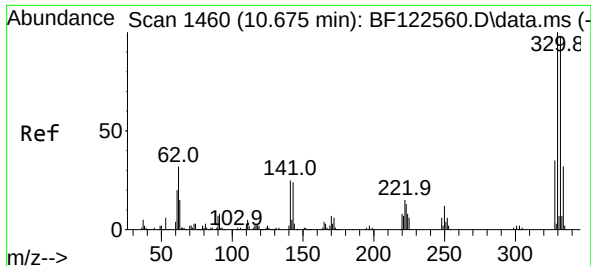


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF122910.D
Acq: 4 Jan 2021 15:16



Tgt Ion: 164 Resp: 252198
Ion Ratio Lower Upper
164 100
162 103.2 80.8 121.2
160 45.5 35.4 53.0

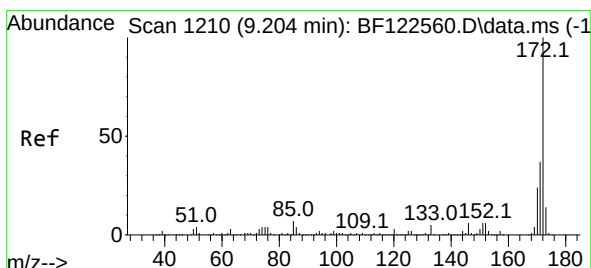
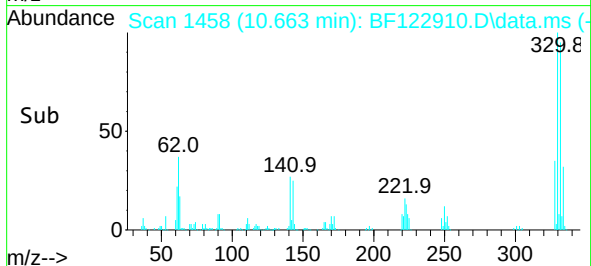
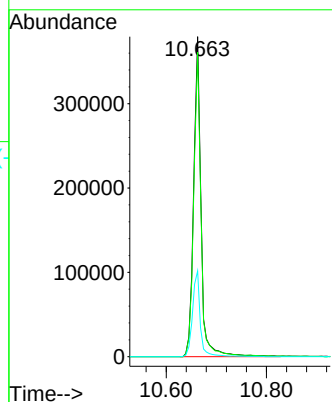
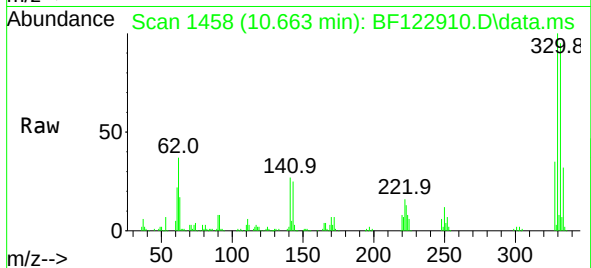




#42
2,4,6-Tribromophenol
Concen: 117.76 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF122910.D
Acq: 4 Jan 2021 15:16

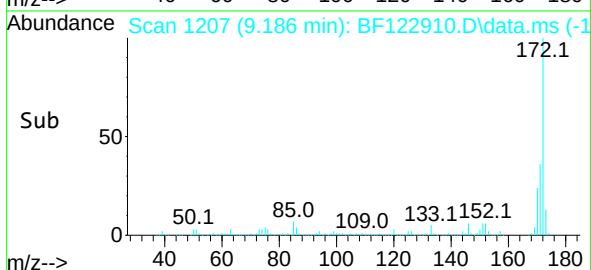
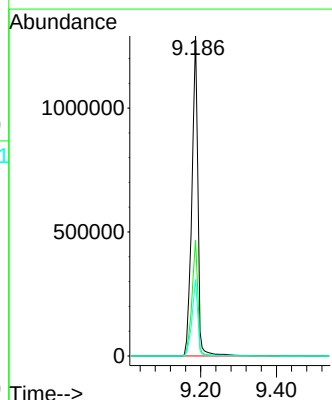
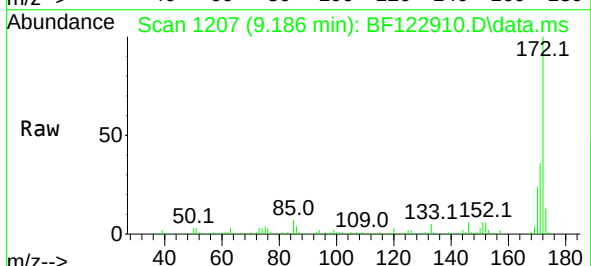
Instrument :
BNA_F
ClientSampleId :
PB133893BL

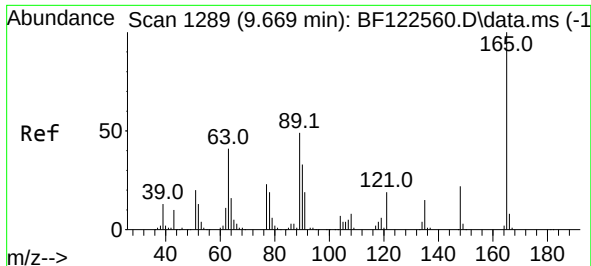
Tgt Ion:330 Resp: 388735
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 28.3 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 76.34 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF122910.D
Acq: 4 Jan 2021 15:16

Tgt Ion:172 Resp: 1423502
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.8 19.5 29.3

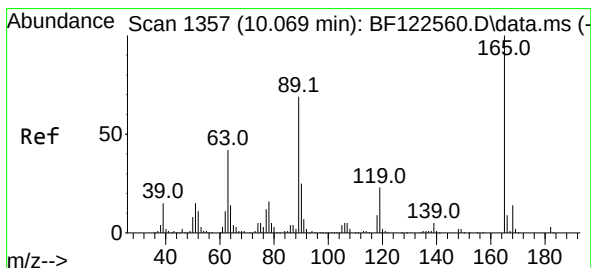
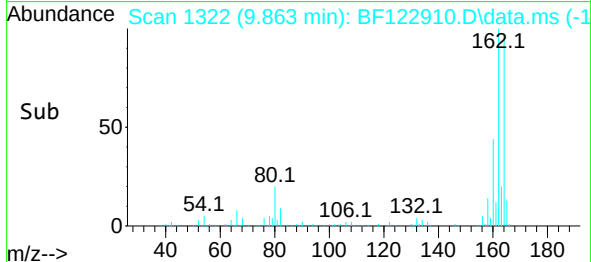
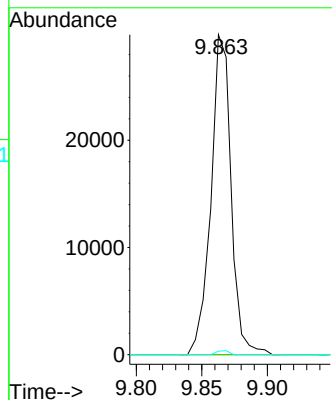
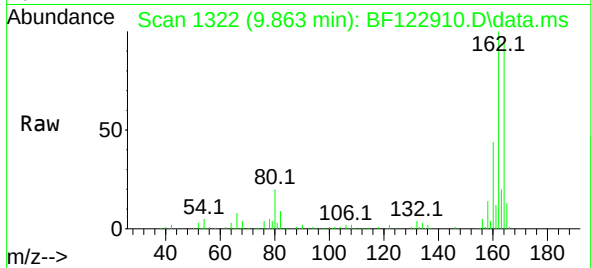




#51
2,6-Dinitrotoluene
Concen: 7.50 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.200 min
Lab File: BF122910.D
Acq: 4 Jan 2021 15:16

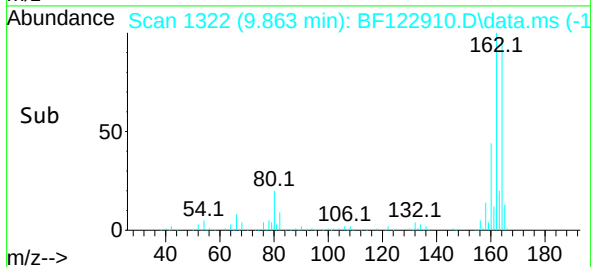
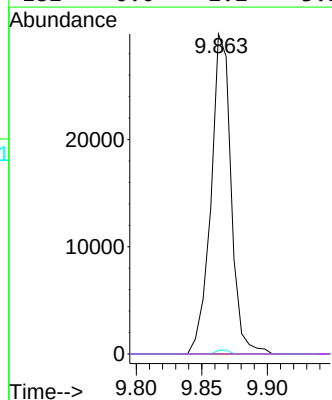
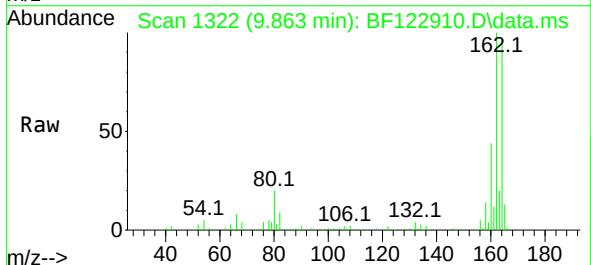
Instrument :
BNA_F
ClientSampleId :
PB133893BL

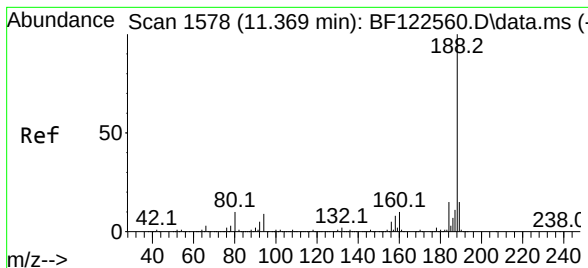
Tgt Ion:165 Resp: 31902
Ion Ratio Lower Upper
165 100
63 0.0 36.6 55.0#
89 1.1 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.63 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.212 min
Lab File: BF122910.D
Acq: 4 Jan 2021 15:16

Tgt Ion:165 Resp: 31902
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#

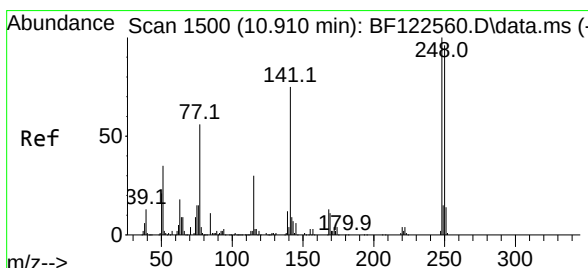
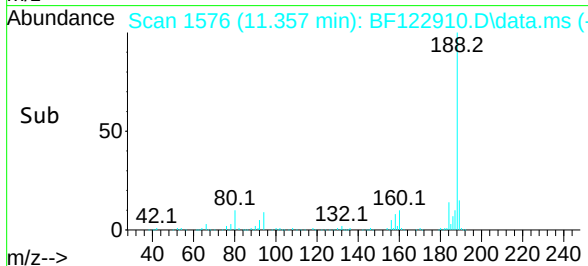
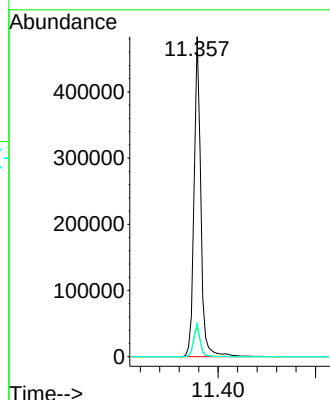
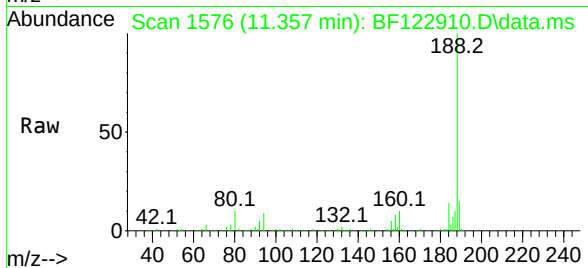




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF122910.D
Acq: 4 Jan 2021 15:16

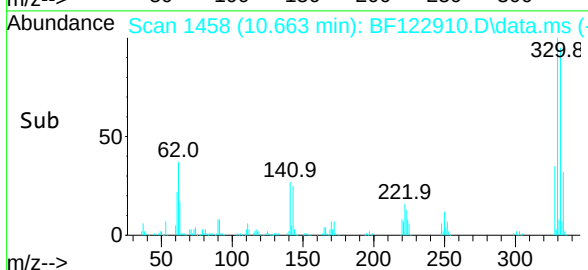
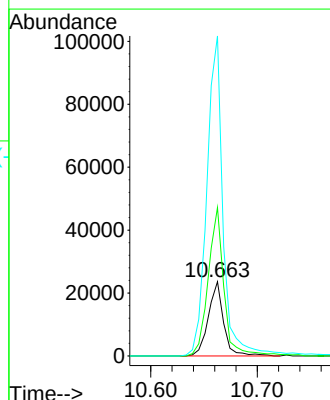
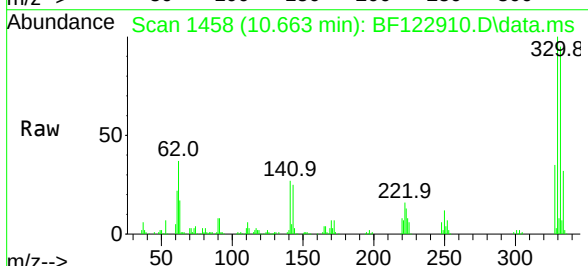
Instrument :
BNA_F
ClientSampleId :
PB133893BL

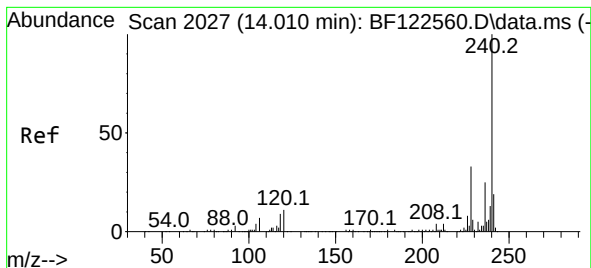
Tgt Ion:188 Resp: 467181
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.4 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.72 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF122910.D
Acq: 4 Jan 2021 15:16

Tgt Ion:248 Resp: 23550
Ion Ratio Lower Upper
248 100
250 199.8 76.8 115.2#
141 430.6 59.8 89.8#

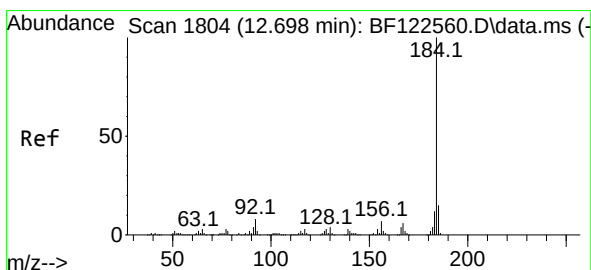
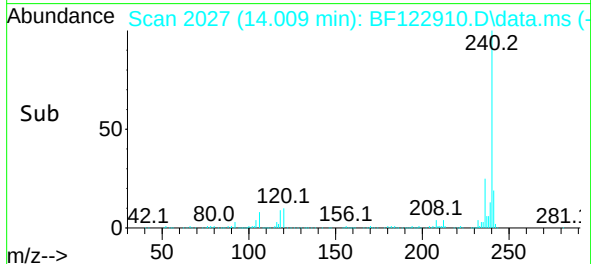
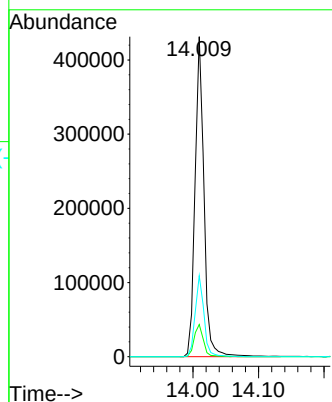
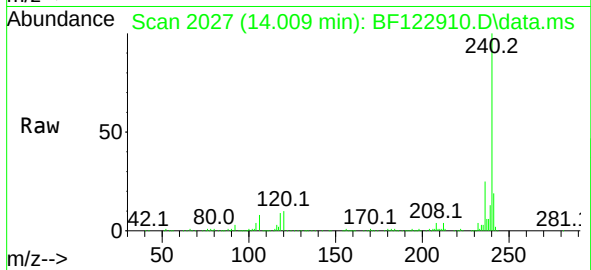




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF122910.D
Acq: 4 Jan 2021 15:16

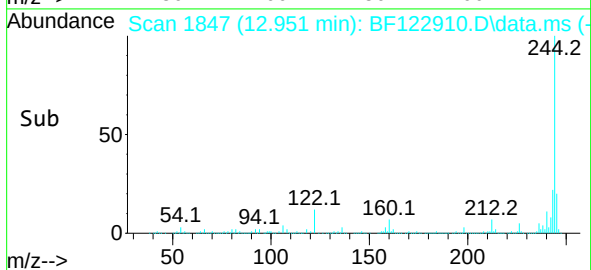
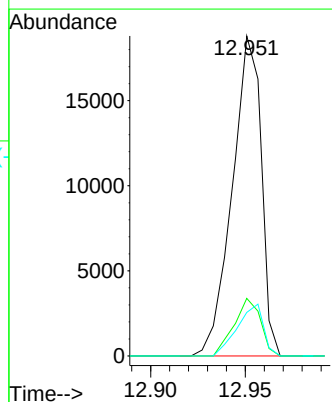
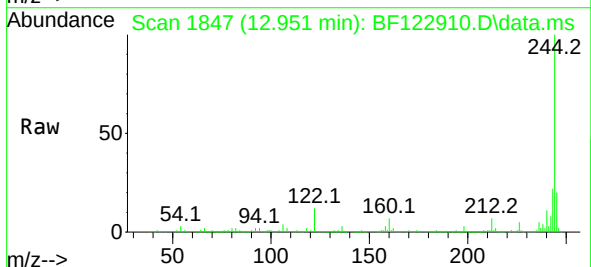
Instrument :
BNA_F
ClientSampleId :
PB133893BL

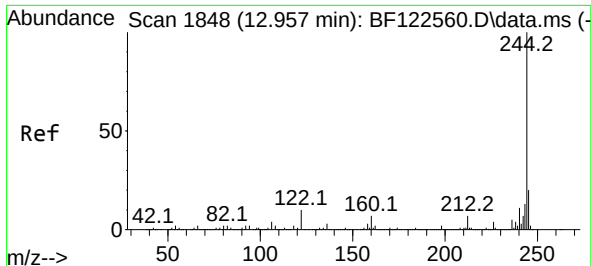
Tgt Ion:240 Resp: 409160
Ion Ratio Lower Upper
240 100
120 10.1 8.6 12.8
236 25.3 20.3 30.5



#77
Benzidine
Concen: 2.26 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.247 min
Lab File: BF122910.D
Acq: 4 Jan 2021 15:16

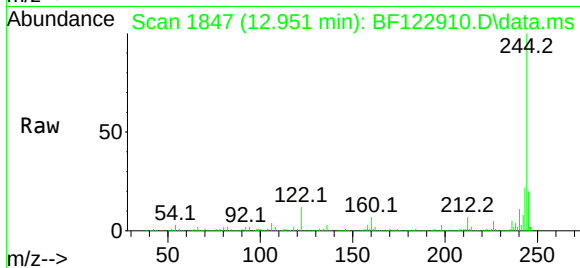
Tgt Ion:184 Resp: 20005
Ion Ratio Lower Upper
184 100
185 18.0 11.8 17.6#
183 13.6 9.7 14.5



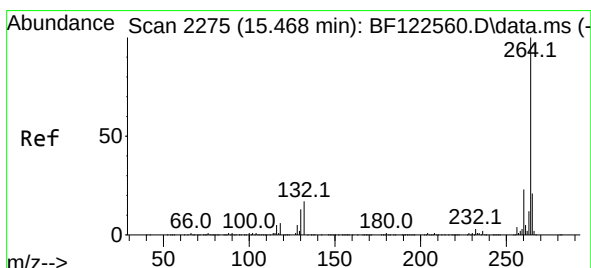
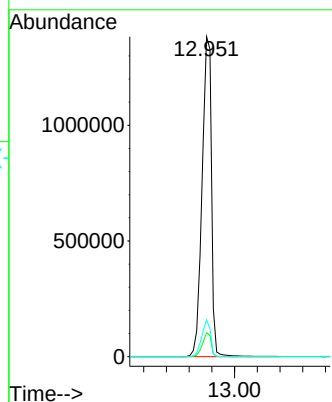
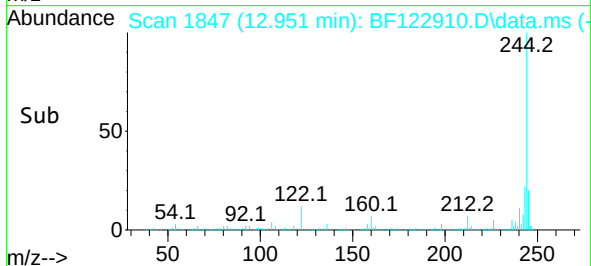


#79
Terphenyl-d14
Concen: 68.12 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122910.D
Acq: 4 Jan 2021 15:16

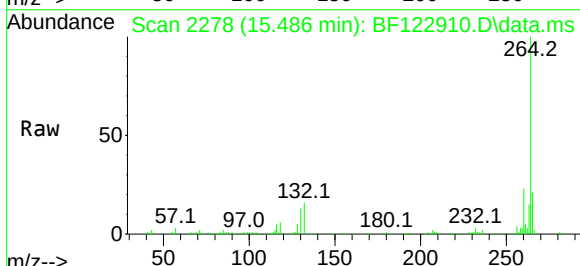
Instrument :
BNA_F
ClientSampleId :
PB133893BL



Tgt Ion:244 Resp: 1592234
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 11.5 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.000 min
Lab File: BF122910.D
Acq: 4 Jan 2021 15:16



Tgt Ion:264 Resp: 348265
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.3 17.0 25.6

