

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080321\
 Data File : BF124927.D
 Acq On : 3 Aug 2021 21:33
 Operator : JU/CG
 Sample : M3241-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-AMENDED-COM-6

Quant Time: Aug 04 05:09:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 11:15:51 2021
 Response via : Initial Calibration

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

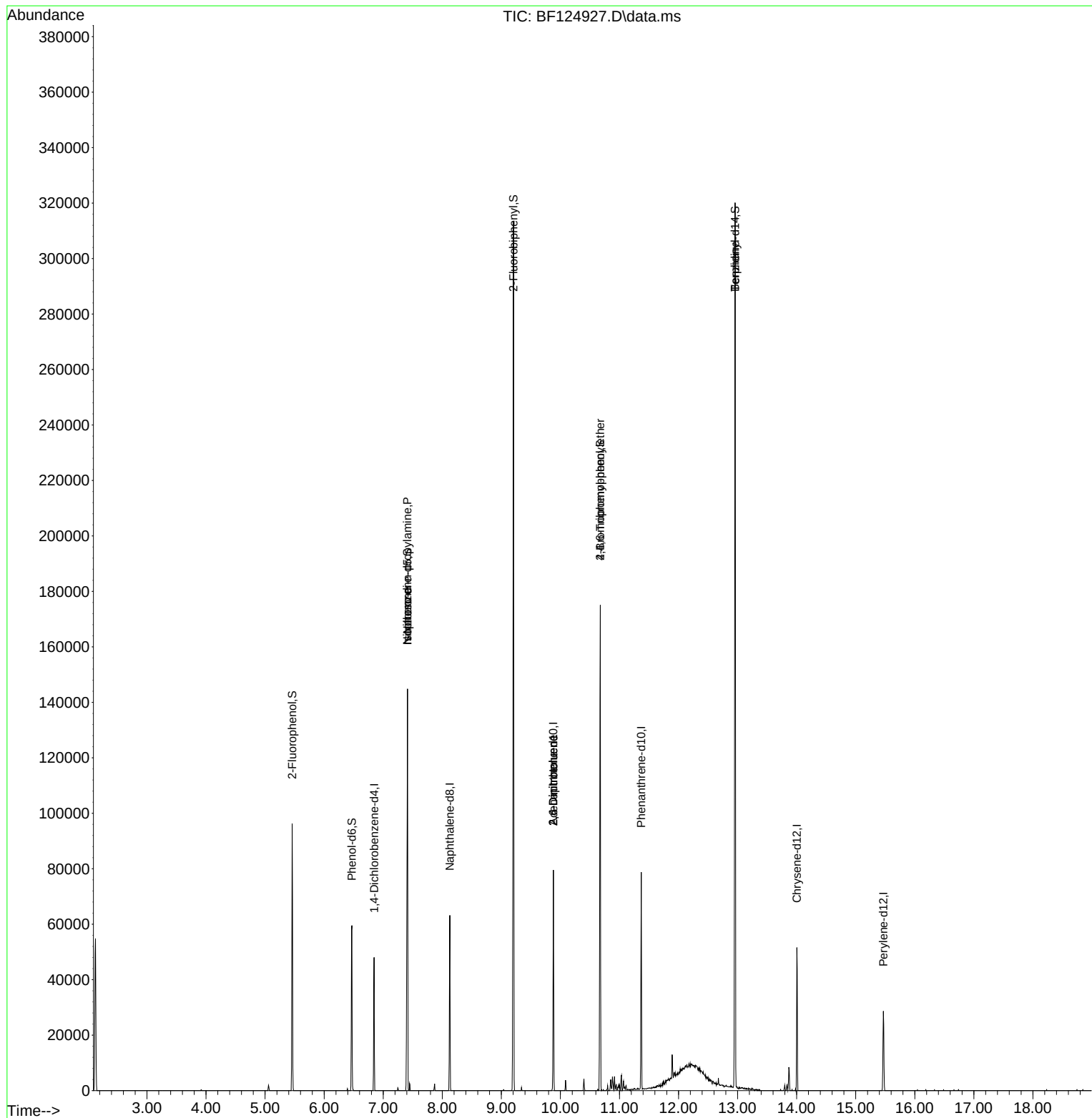
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	6635	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	26144	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	15131	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	26036	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	18681	20.000	ng	-0.02
86) Perylene-d12	15.468	264	14279	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	23216	59.244	ng	-0.02
7) Phenol-d6	6.469	99	18117	36.878	ng	-0.02
23) Nitrobenzene-d5	7.410	82	44421	101.126	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	17924	137.968	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	90665	88.007	ng	-0.01
79) Terphenyl-d14	12.957	244	109714	100.672	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	5821	22.190	ng	# 63
25) Isophorone	7.410	82	44420	57.190	ng	# 59
51) 2,6-Dinitrotoluene	9.881	165	1763	7.659	ng	# 26
57) 2,4-Dinitrotoluene	9.881	165	1763	5.644	ng	# 18
67) 4-Bromophenyl-phenylether	10.675	248	1388	5.027	ng	# 1
77) Benzidine	12.957	184	1697	3.221	ng	# 69

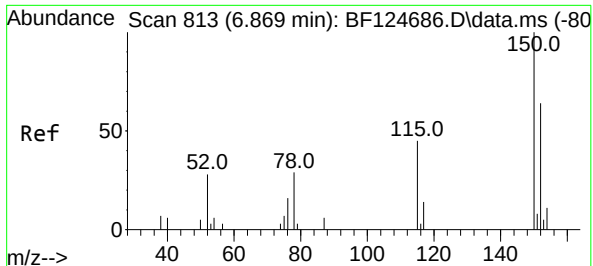
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 02 11:15:51 2021
Response via : Initial Calibration

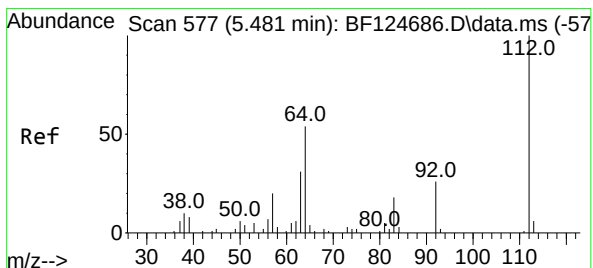
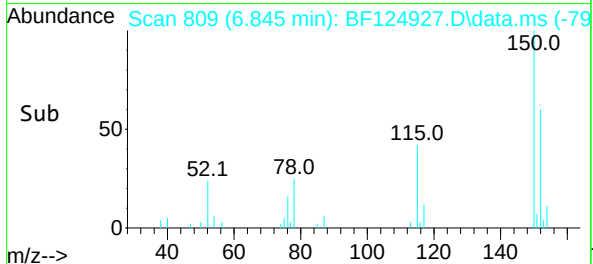
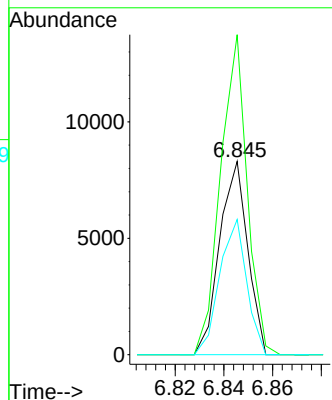
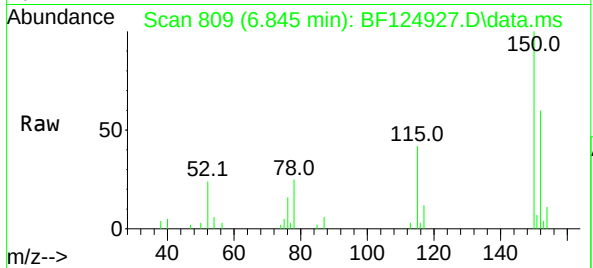




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF124927.D
Acq: 3 Aug 2021 21:33

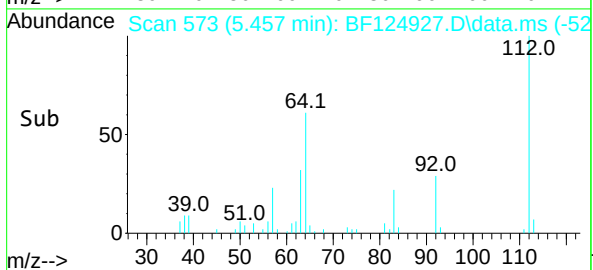
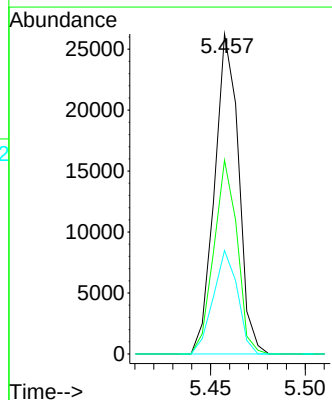
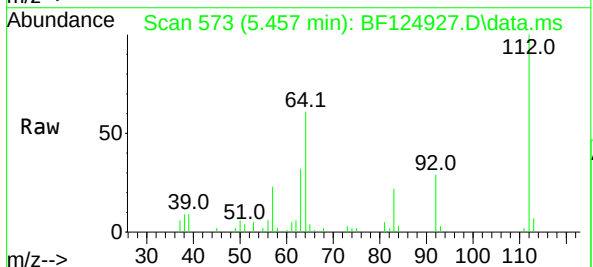
Instrument :
BNA_F
ClientSampleId :
SPLP-AMENDED-COM-6

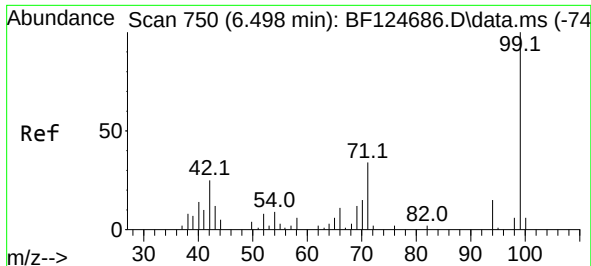
Tgt Ion:152 Resp: 6635
Ion Ratio Lower Upper
152 100
150 165.6 117.6 176.4
115 70.0 47.1 70.7



#5
2-Fluorophenol
Concen: 59.244 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.017 min
Lab File: BF124927.D
Acq: 3 Aug 2021 21:33

Tgt Ion:112 Resp: 23216
Ion Ratio Lower Upper
112 100
64 60.6 44.2 66.2
63 32.3 26.2 39.2

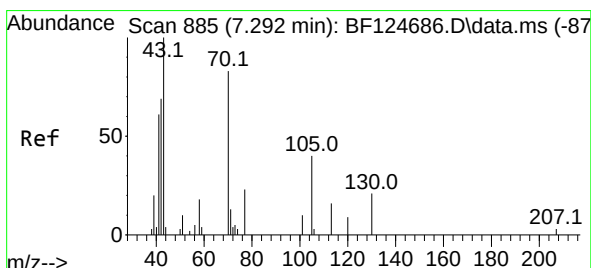
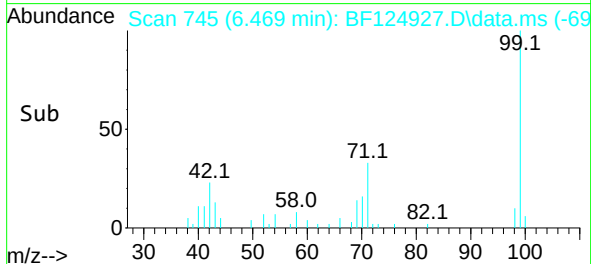
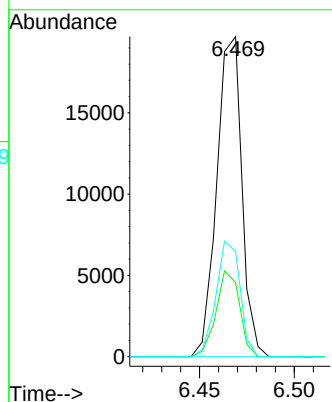
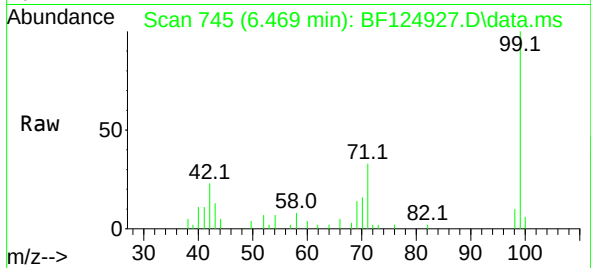




#7
Phenol-d6
Concen: 36.878 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.017 min
Lab File: BF124927.D
Acq: 3 Aug 2021 21:33

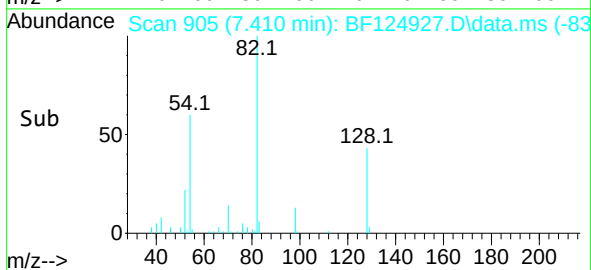
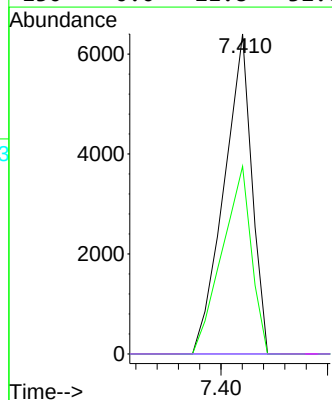
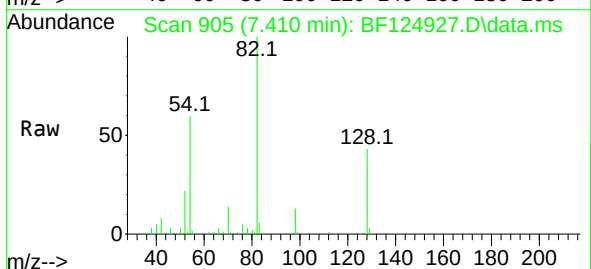
Instrument :
BNA_F
ClientSampleId :
SPLP-AMENDED-COM-6

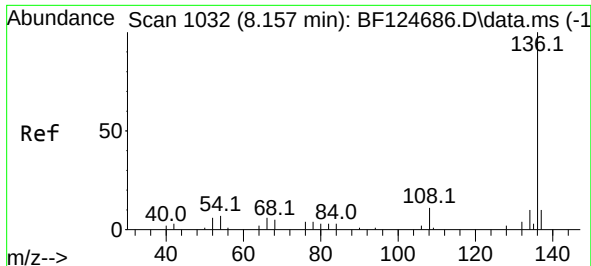
Tgt Ion: 99 Resp: 18117
Ion Ratio Lower Upper
99 100
42 23.2 23.5 35.3#
71 32.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 22.190 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF124927.D
Acq: 3 Aug 2021 21:33

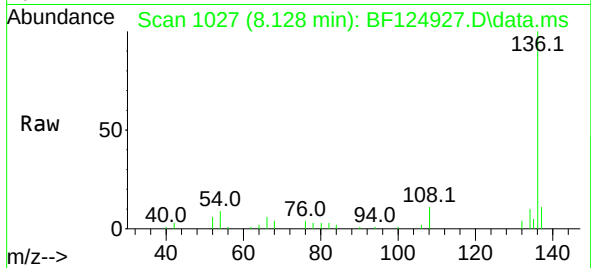
Tgt Ion: 70 Resp: 5821
Ion Ratio Lower Upper
70 100
42 58.7 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



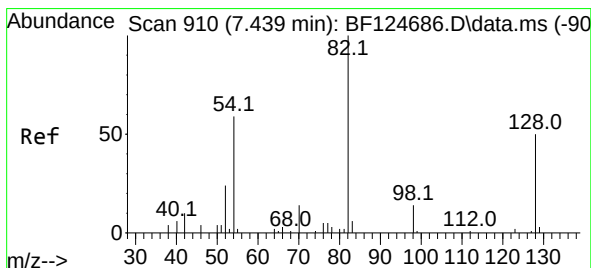
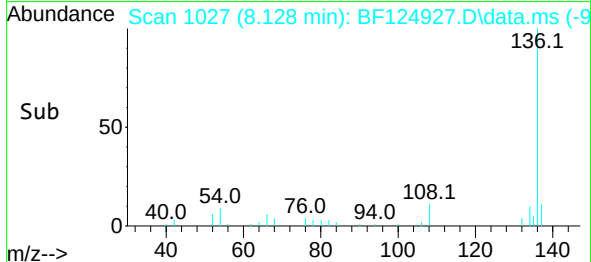
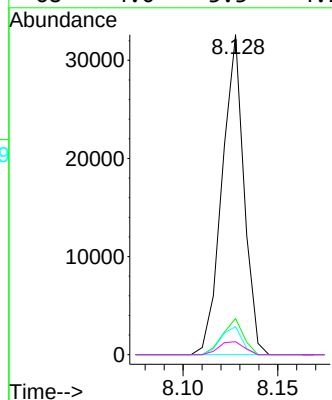


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BF124927.D
Acq: 3 Aug 2021 21:33

Instrument :
BNA_F
ClientSampleId :
SPLP-AMENDED-COM-6

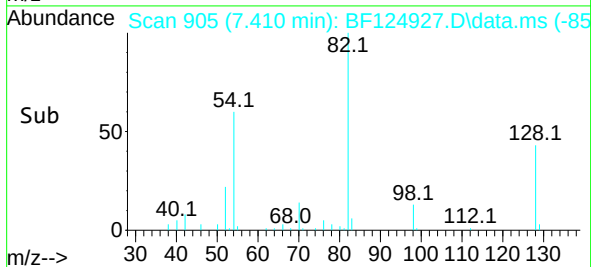
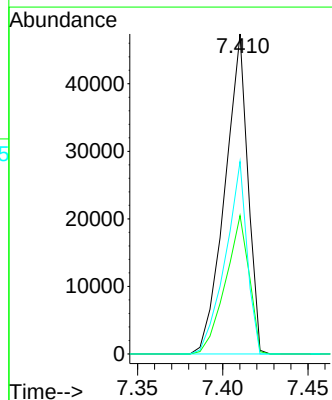
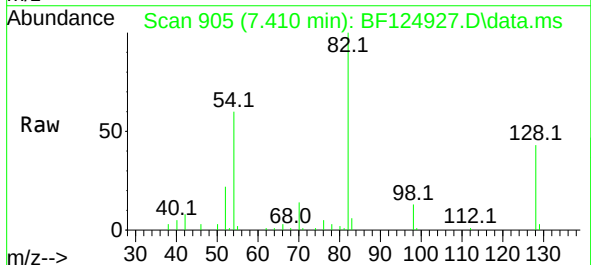


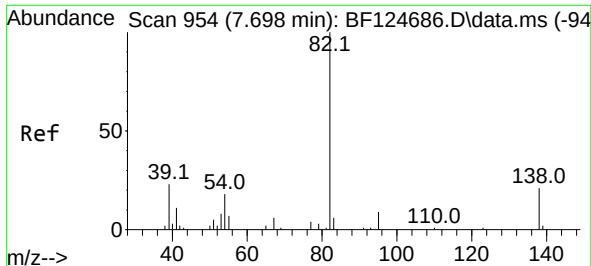
Tgt Ion:136 Resp: 26144
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.6
54 8.8 6.4 9.6
68 4.0 3.3 4.9



#23
Nitrobenzene-d5
Concen: 101.126 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.017 min
Lab File: BF124927.D
Acq: 3 Aug 2021 21:33

Tgt Ion: 82 Resp: 44421
Ion Ratio Lower Upper
82 100
128 43.2 40.6 60.8
54 60.2 49.6 74.4

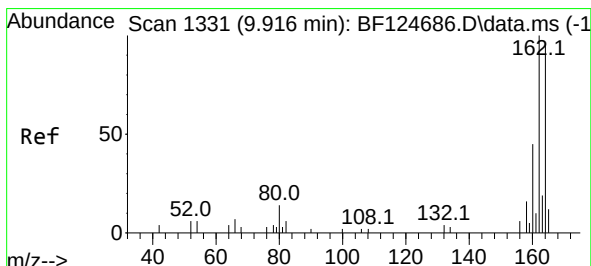
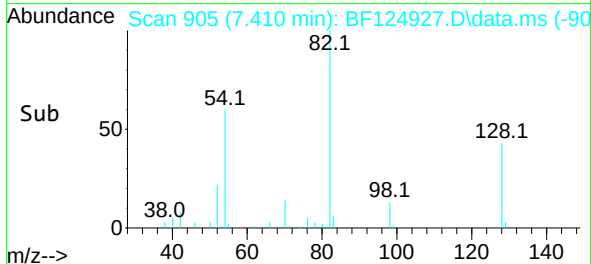
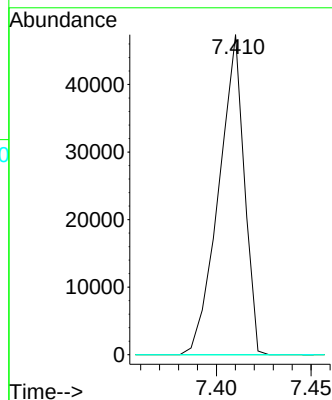
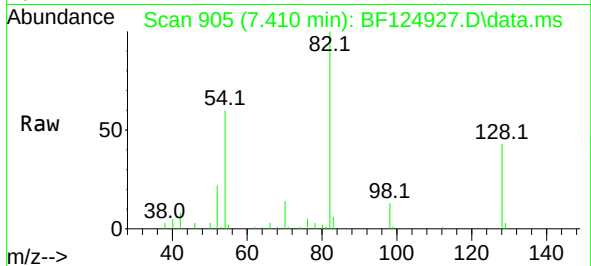




#25
Isophorone
Concen: 57.190 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.270 min
Lab File: BF124927.D
Acq: 3 Aug 2021 21:33

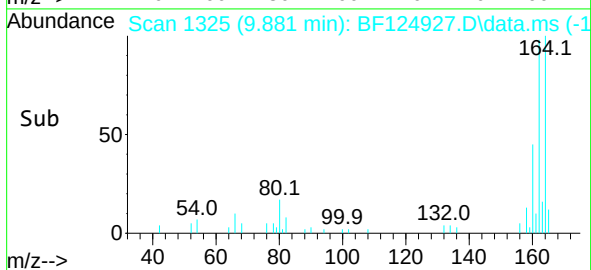
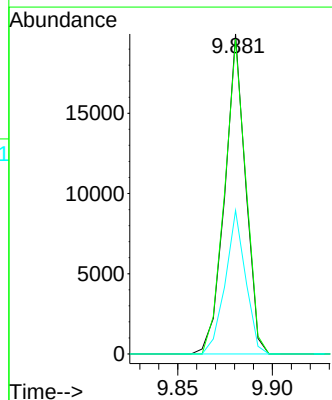
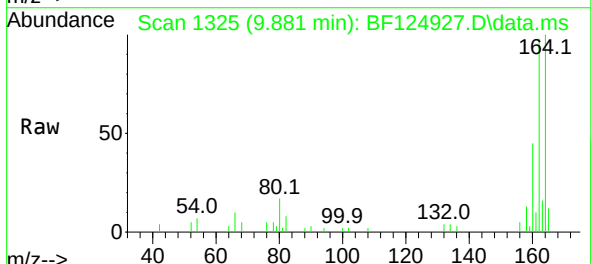
Instrument :
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ClientSampleId :
SPLP-AMENDED-COM-6

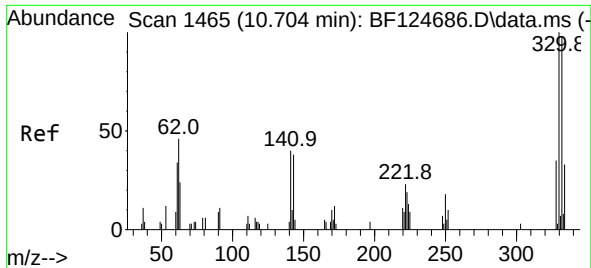
Tgt Ion: 82 Resp: 44420
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124927.D
Acq: 3 Aug 2021 21:33

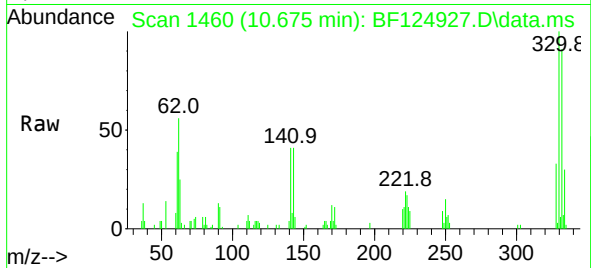
Tgt Ion: 164 Resp: 15131
Ion Ratio Lower Upper
164 100
162 98.3 81.3 121.9
160 44.9 38.0 57.0



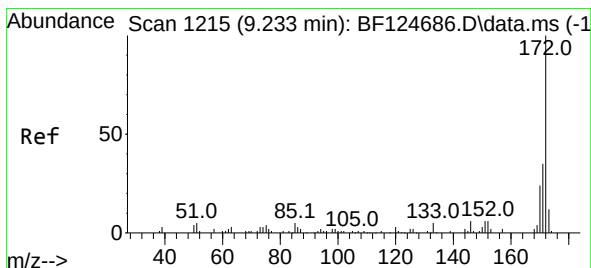
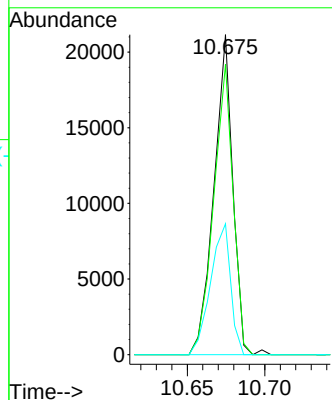
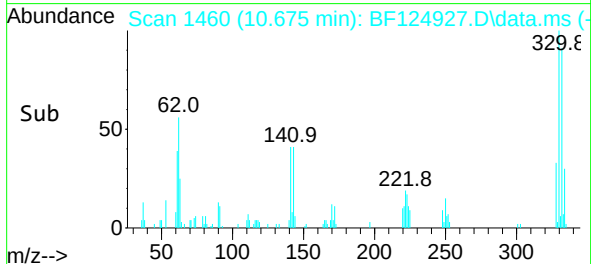


#42
2,4,6-Tribromophenol
Concen: 137.968 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF124927.D
Acq: 3 Aug 2021 21:33

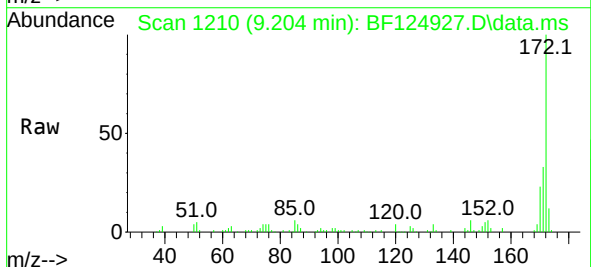
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ClientSampleId :
SPLP-AMENDED-COM-6



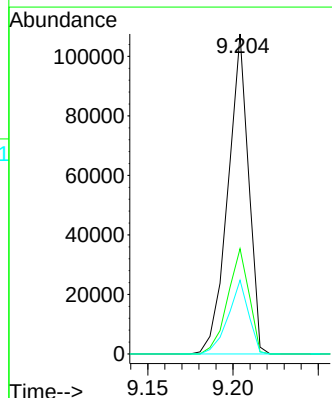
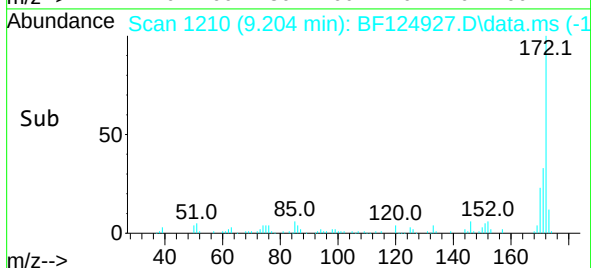
Tgt Ion:330 Resp: 17924
Ion Ratio Lower Upper
330 100
332 93.6 76.2 114.4
141 43.5 44.6 66.8#

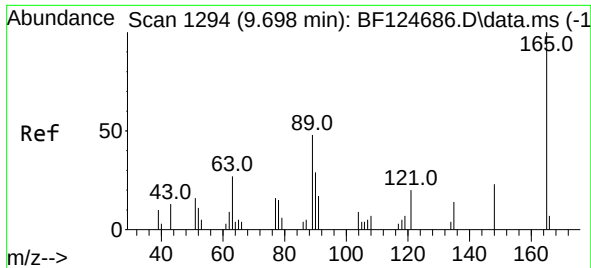


#45
2-Fluorobiphenyl
Concen: 88.007 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF124927.D
Acq: 3 Aug 2021 21:33



Tgt Ion:172 Resp: 90665
Ion Ratio Lower Upper
172 100
171 32.9 26.5 39.7
170 23.0 18.8 28.2

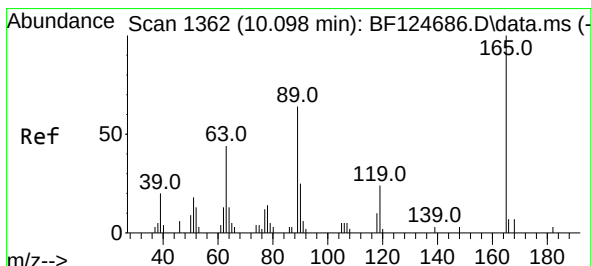
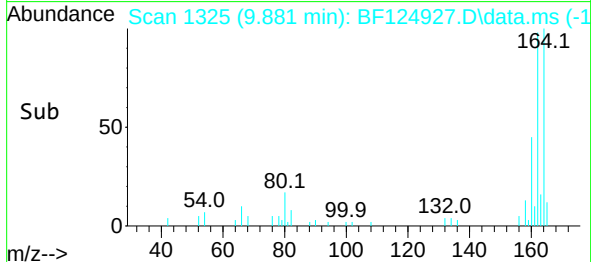
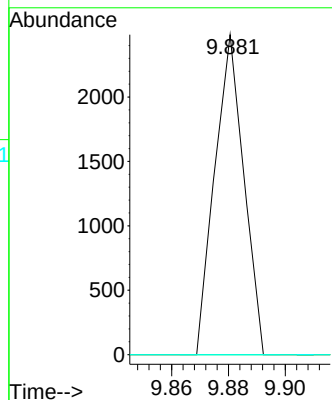
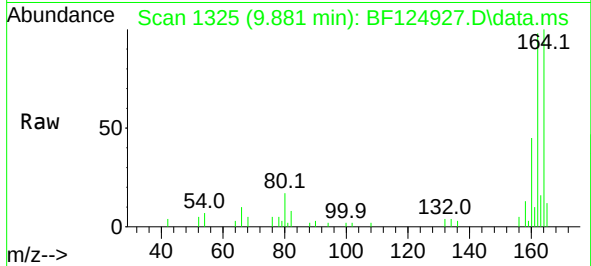




#51
2,6-Dinitrotoluene
Concen: 7.659 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF124927.D
Acq: 3 Aug 2021 21:33

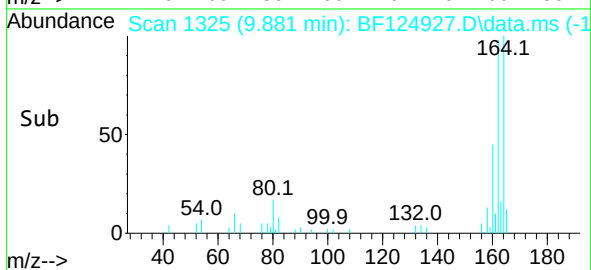
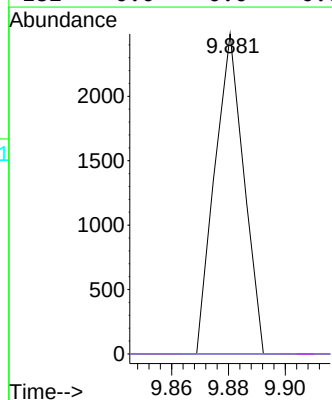
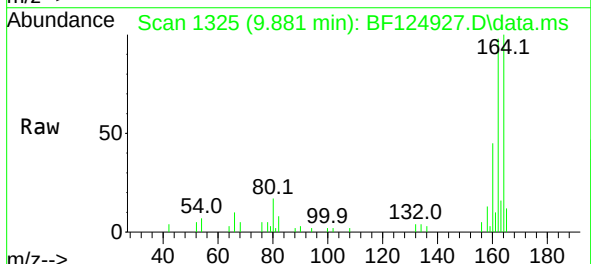
Instrument :
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SPLP-AMENDED-COM-6

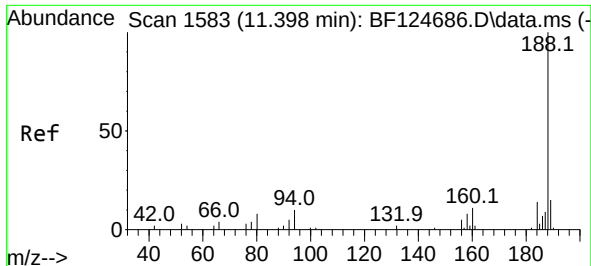
Tgt Ion:165 Resp: 1763
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.644 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF124927.D
Acq: 3 Aug 2021 21:33

Tgt Ion:165 Resp: 1763
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

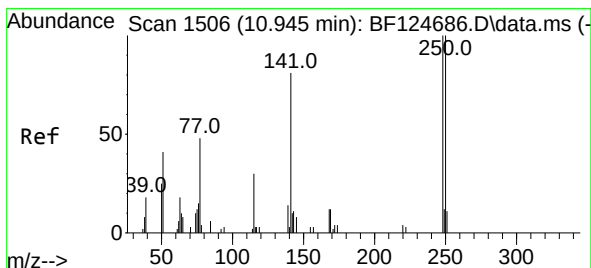
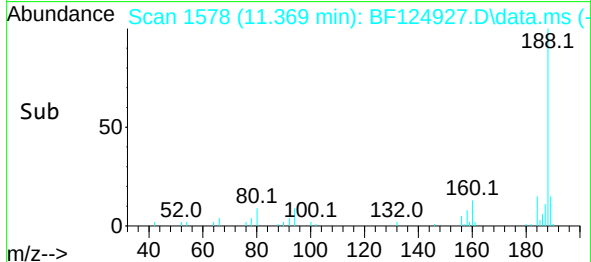
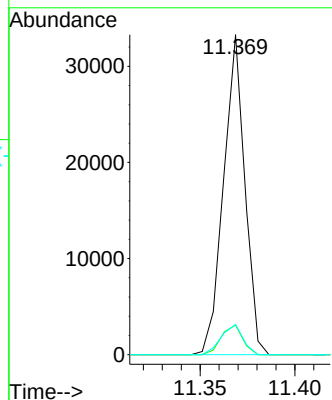
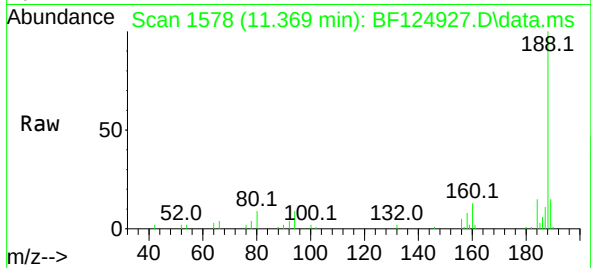




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF124927.D
Acq: 3 Aug 2021 21:33

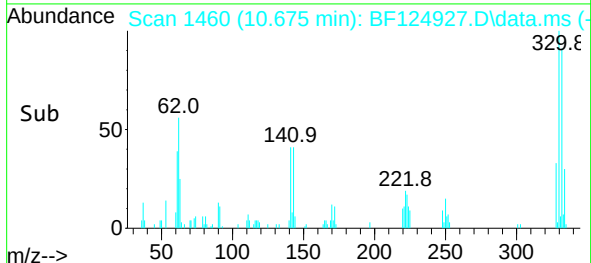
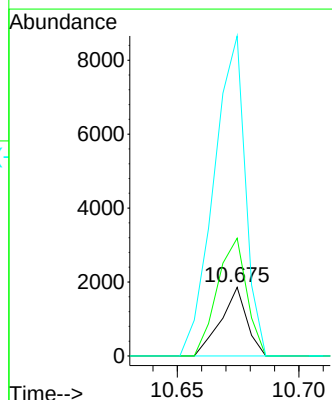
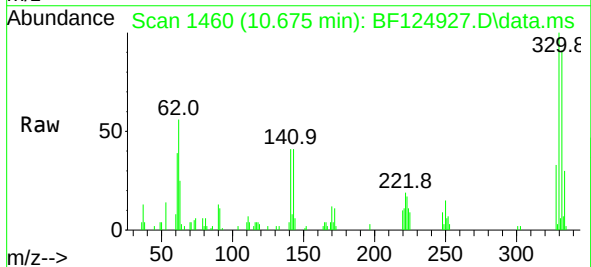
Instrument :
BNA_F
ClientSampleId :
SPLP-AMENDED-COM-6

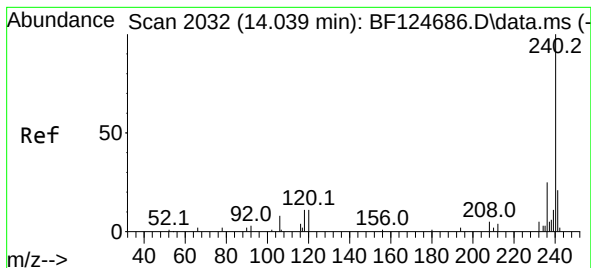
Tgt Ion:188 Resp: 26036
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 5.027 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF124927.D
Acq: 3 Aug 2021 21:33

Tgt Ion:248 Resp: 1388
Ion Ratio Lower Upper
248 100
250 171.5 74.2 111.4#
141 465.9 60.4 90.6#

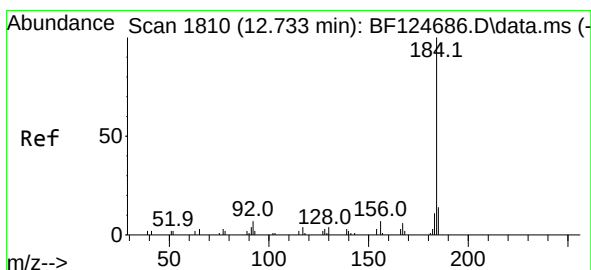
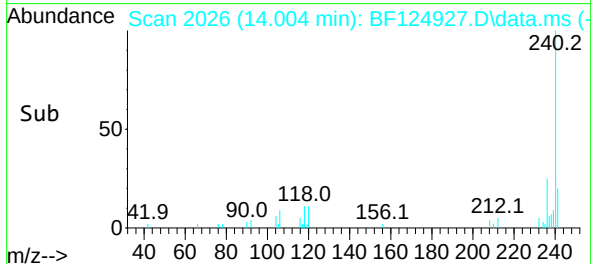
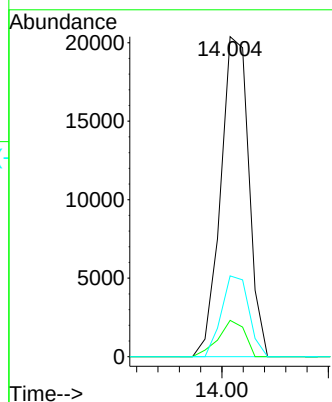
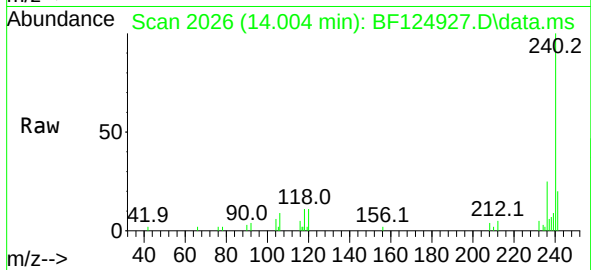




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.017 min
Lab File: BF124927.D
Acq: 3 Aug 2021 21:33

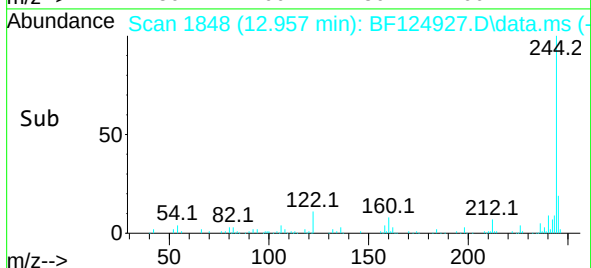
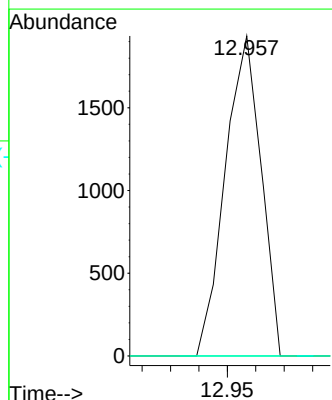
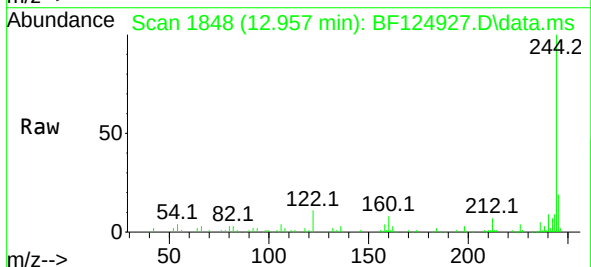
Instrument :
BNA_F
ClientSampleId :
SPLP-AMENDED-COM-6

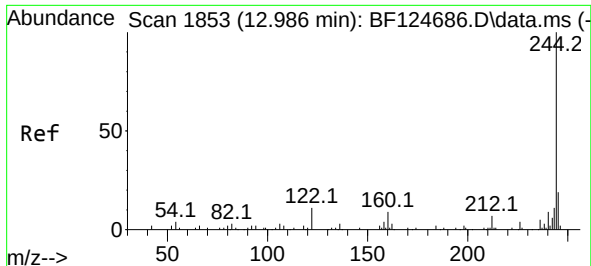
Tgt Ion:240 Resp: 18681
Ion Ratio Lower Upper
240 100
120 11.4 10.8 16.2
236 25.3 21.6 32.4



#77
Benzidine
Concen: 3.221 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF124927.D
Acq: 3 Aug 2021 21:33

Tgt Ion:184 Resp: 1697
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

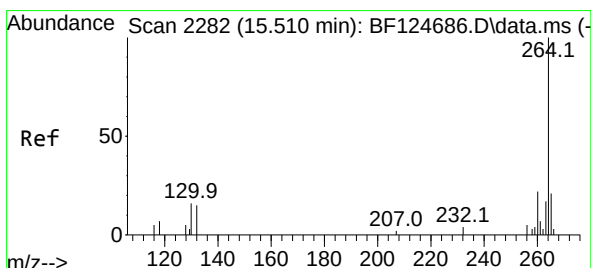
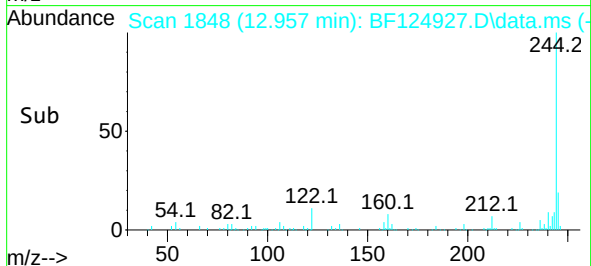
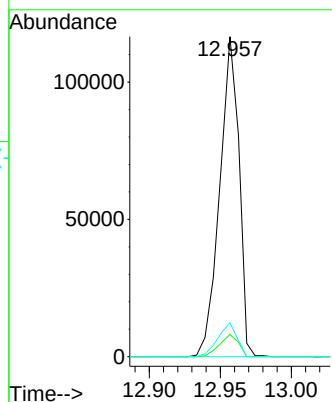
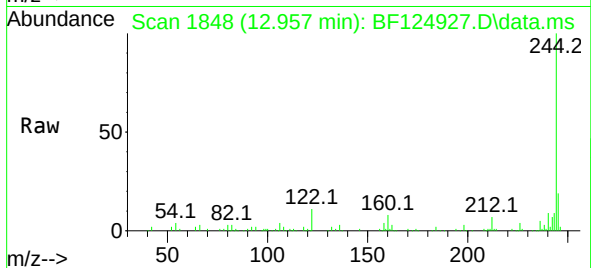




#79
Terphenyl-d14
Concen: 100.672 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124927.D
Acq: 3 Aug 2021 21:33

Instrument :
BNA_F
ClientSampleId :
SPLP-AMENDED-COM-6

Tgt Ion:244 Resp: 109714
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.6 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.012 min
Lab File: BF124927.D
Acq: 3 Aug 2021 21:33

Tgt Ion:264 Resp: 14279
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 24.4 17.2 25.8

