

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124978.D
 Acq On : 7 Aug 2021 17:19
 Operator : JU/CG
 Sample : M3279-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210568-COM-41

Quant Time: Aug 07 18:06:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 11:27:24 2021
 Response via : Initial Calibration

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

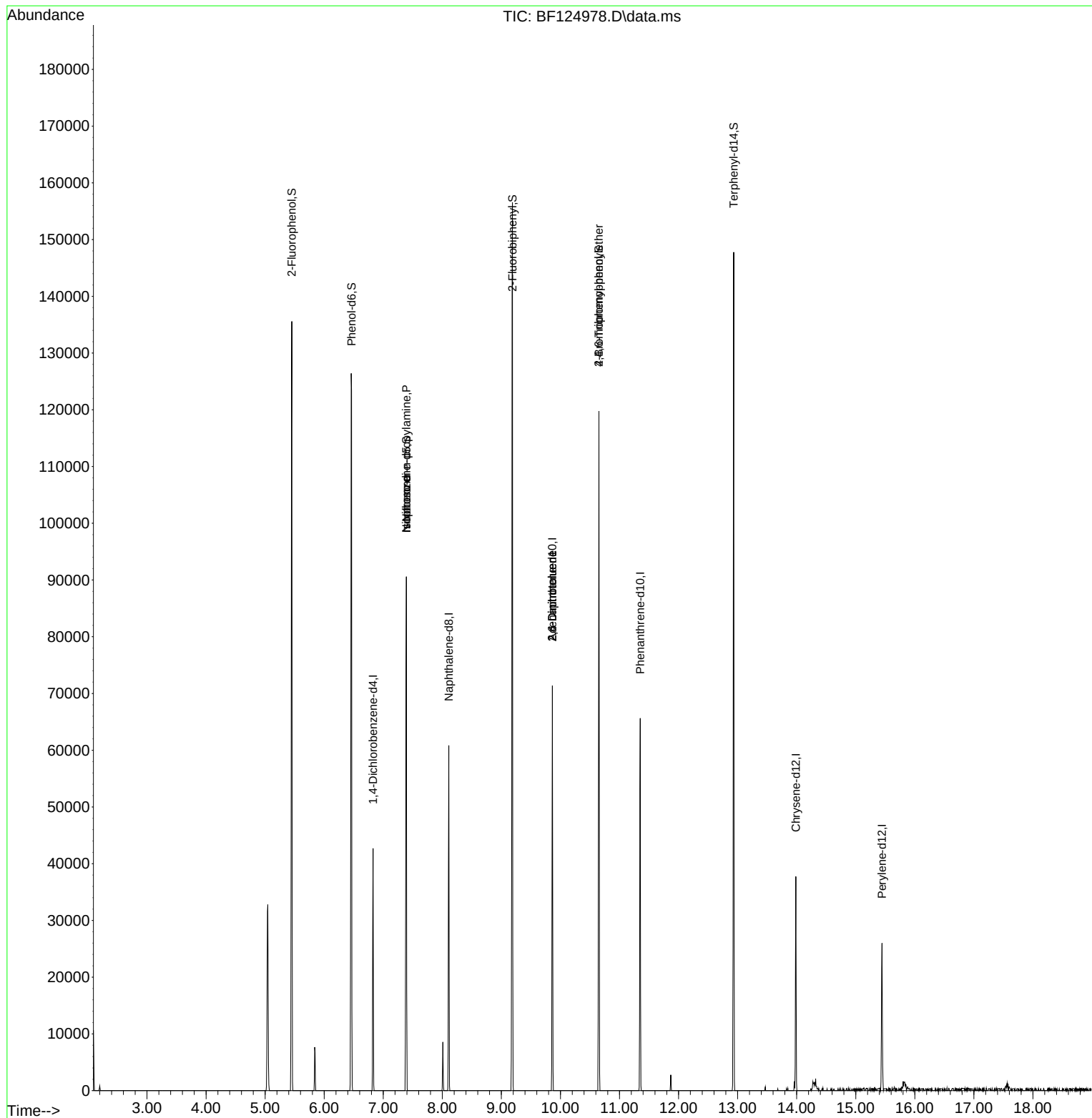
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	6232	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	24114	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	13730	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	23754	20.000	ng	0.00
76) Chrysene-d12	13.986	240	13866	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	12102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	35392	93.030	ng	0.00
7) Phenol-d6	6.463	99	43618	90.926	ng	0.00
23) Nitrobenzene-d5	7.392	82	27009	58.593	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	11121	90.663	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	49682	52.947	ng	0.00
79) Terphenyl-d14	12.933	244	45124	54.894	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.392	70	3484	12.240	ng	# 68
25) Isophorone	7.392	82	27018	34.342	ng	# 59
51) 2,6-Dinitrotoluene	9.863	165	1720	8.302	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	1720	6.115	ng	# 18
67) 4-Bromophenyl-phenylether	10.651	248	937	3.601	ng	# 1

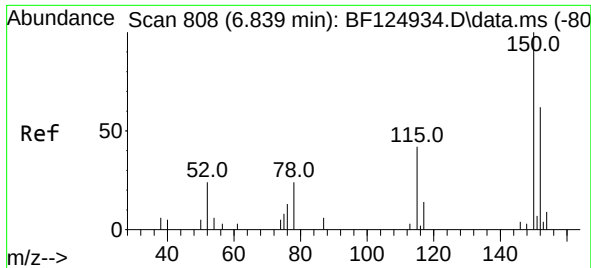
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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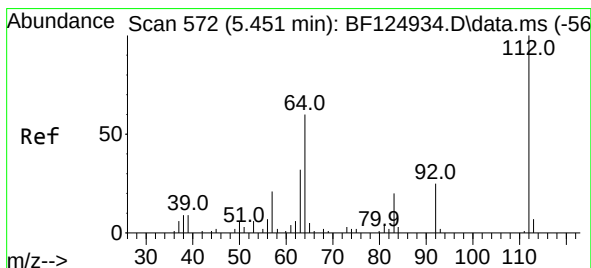
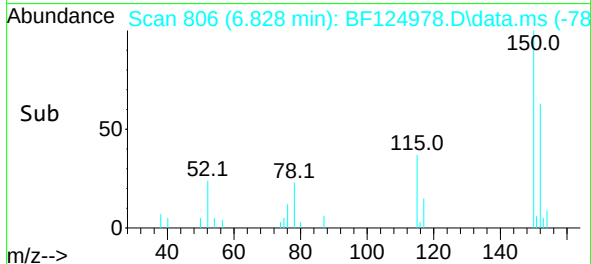
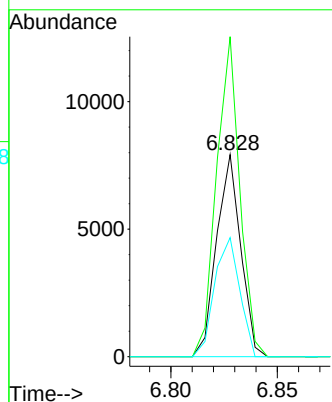
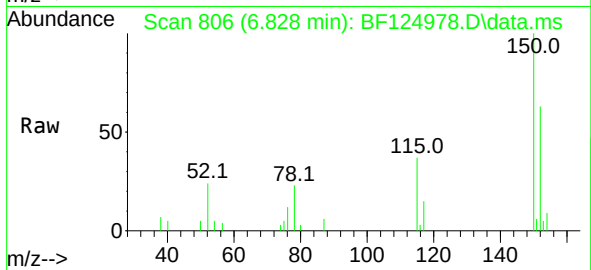




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 806
 Delta R.T. -0.000 min
 Lab File: BF124978.D
 Acq: 7 Aug 2021 17:19

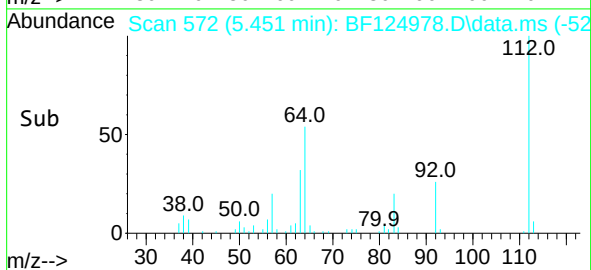
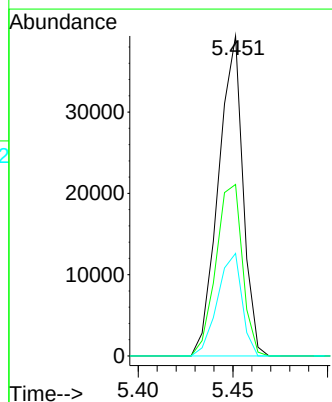
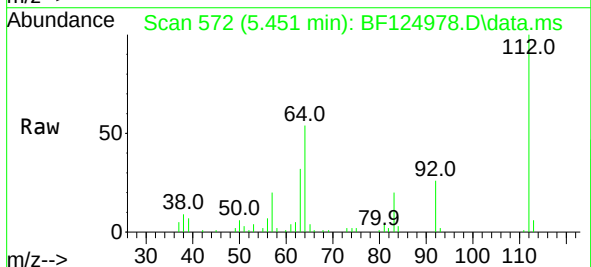
Instrument :
 BNA_F
 ClientSampleId :
 20210568-COM-41

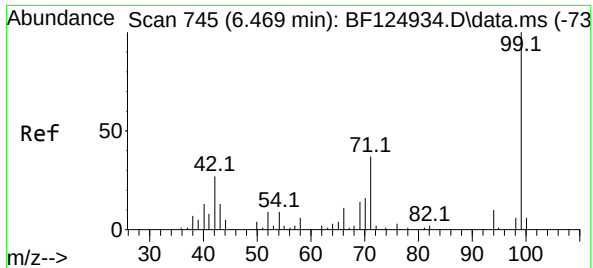
Tgt Ion:152 Resp: 6232
 Ion Ratio Lower Upper
 152 100
 150 158.3 117.6 176.4
 115 58.9 47.1 70.7



#5
 2-Fluorophenol
 Concen: 93.030 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.006 min
 Lab File: BF124978.D
 Acq: 7 Aug 2021 17:19

Tgt Ion:112 Resp: 35392
 Ion Ratio Lower Upper
 112 100
 64 53.6 44.2 66.2
 63 32.0 26.2 39.2

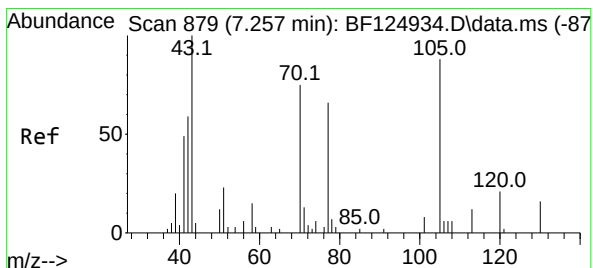
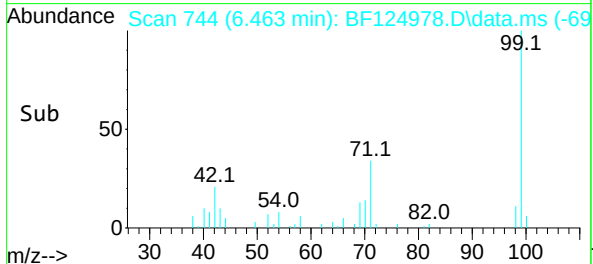
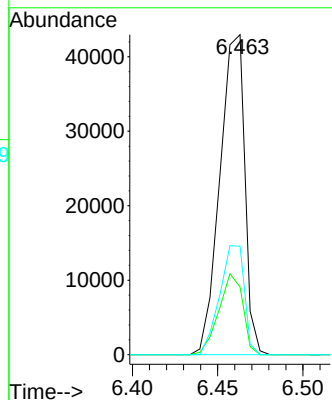
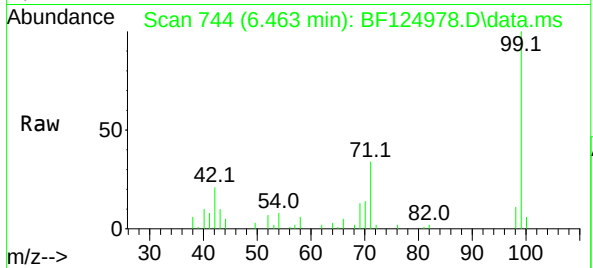




#7
Phenol-d6
Concen: 90.926 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF124978.D
Acq: 7 Aug 2021 17:19

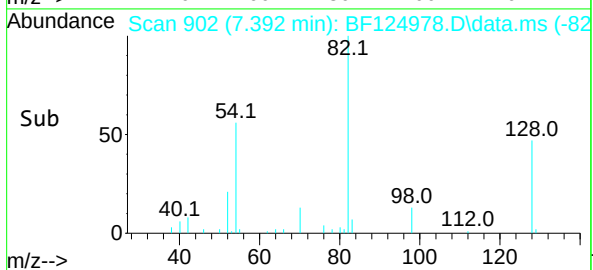
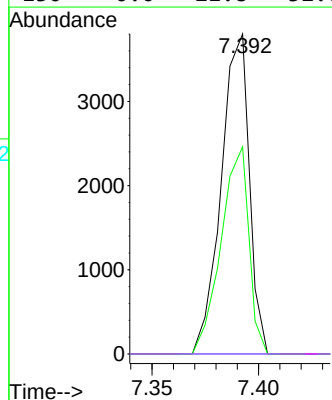
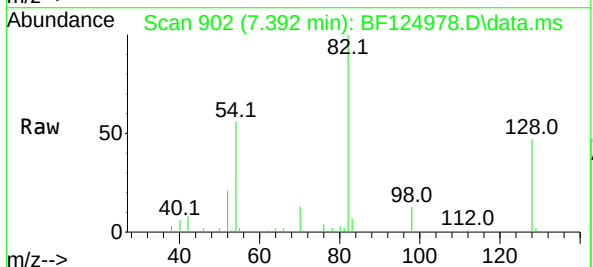
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BNA_F
ClientSampleId :
20210568-COM-41

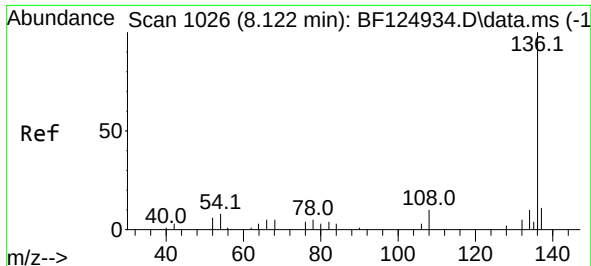
Tgt Ion: 99 Resp: 43618
Ion Ratio Lower Upper
99 100
42 21.2 23.5 35.3#
71 33.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.240 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.147 min
Lab File: BF124978.D
Acq: 7 Aug 2021 17:19

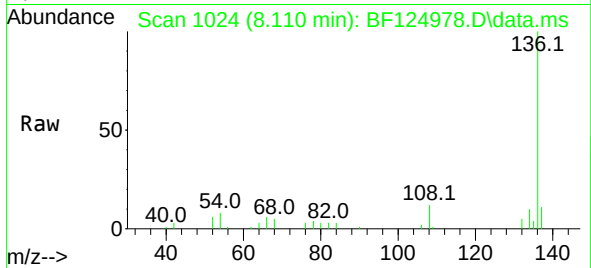
Tgt Ion: 70 Resp: 3484
Ion Ratio Lower Upper
70 100
42 64.8 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



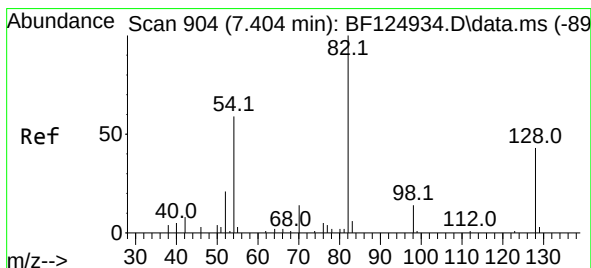
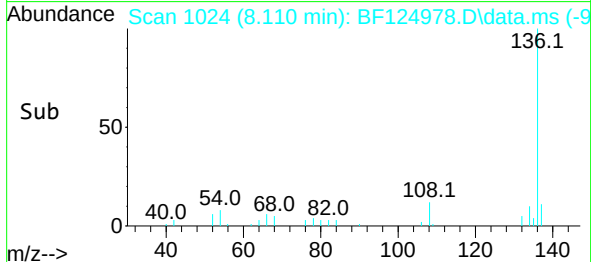
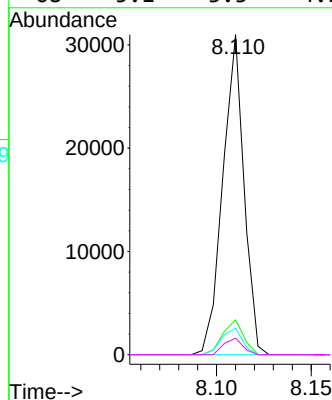


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124978.D
Acq: 7 Aug 2021 17:19

Instrument :
BNA_F
ClientSampleId :
20210568-COM-41

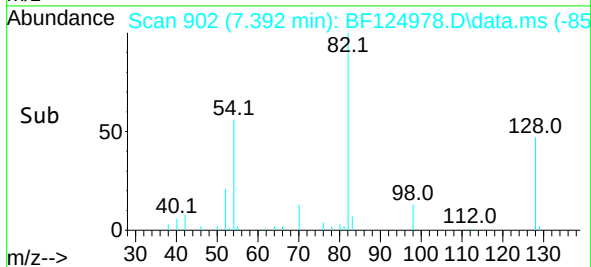
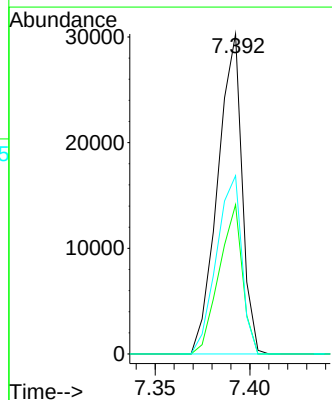
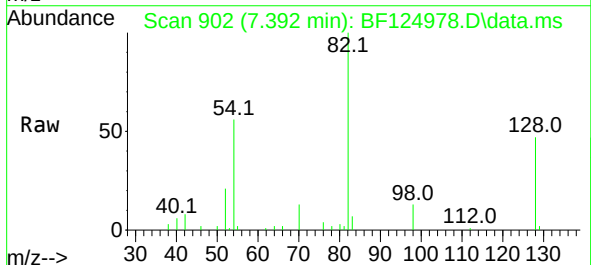


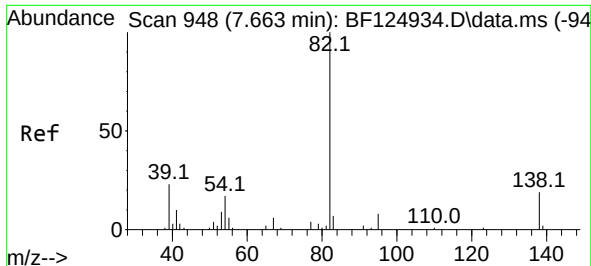
Tgt Ion:136 Resp: 24114
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 8.3 6.4 9.6
68 5.1 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 58.593 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF124978.D
Acq: 7 Aug 2021 17:19

Tgt Ion: 82 Resp: 27009
Ion Ratio Lower Upper
82 100
128 46.7 40.6 60.8
54 55.7 49.6 74.4

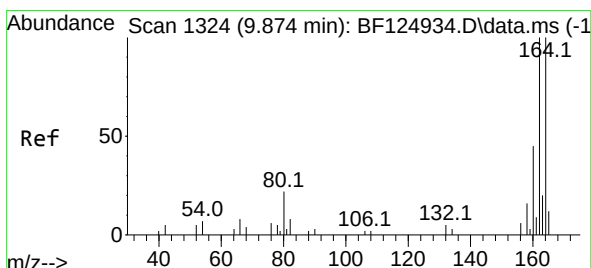
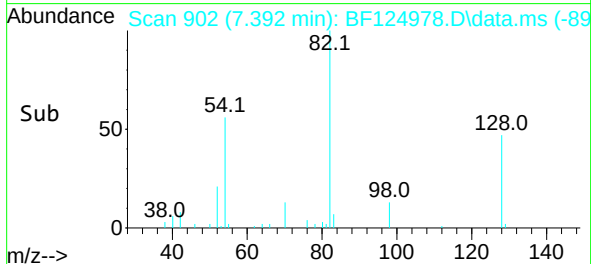
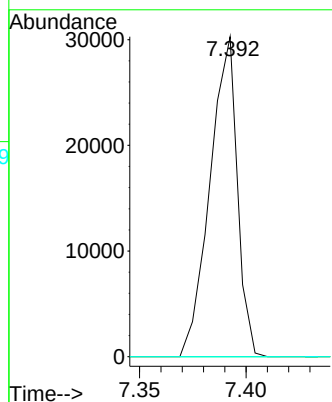
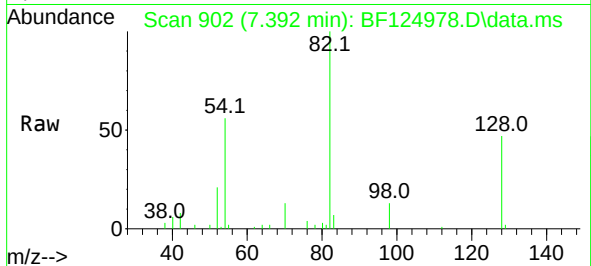




#25
Isophorone
Concen: 34.342 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.264 min
Lab File: BF124978.D
Acq: 7 Aug 2021 17:19

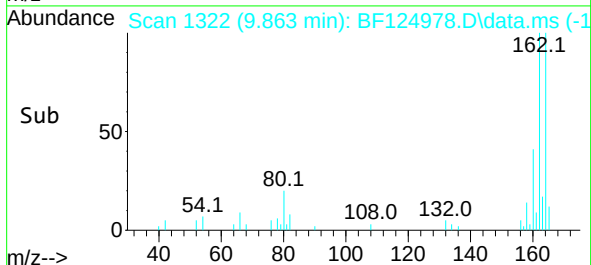
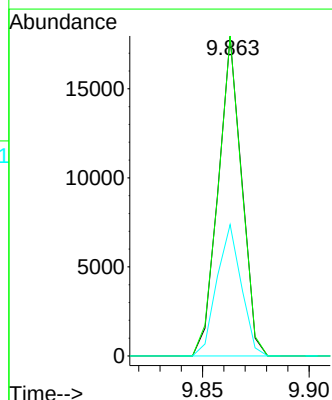
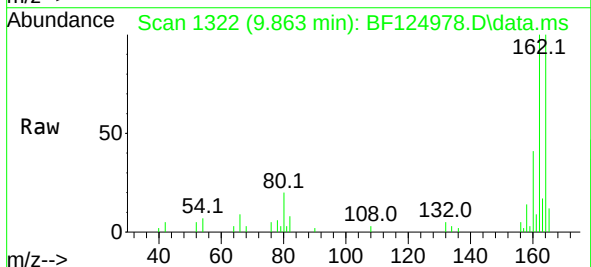
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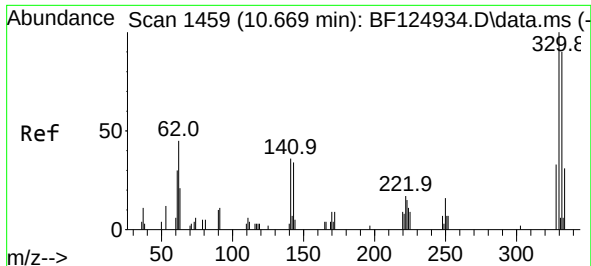
Tgt Ion: 82 Resp: 27018
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF124978.D
Acq: 7 Aug 2021 17:19

Tgt Ion:164 Resp: 13730
Ion Ratio Lower Upper
164 100
162 100.1 81.3 121.9
160 41.1 38.0 57.0

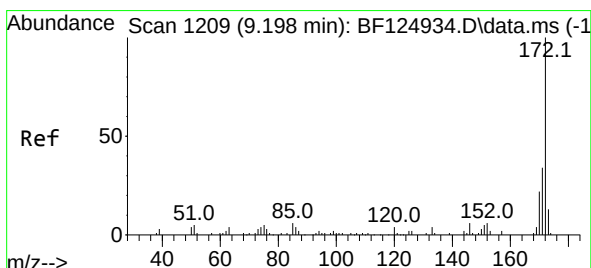
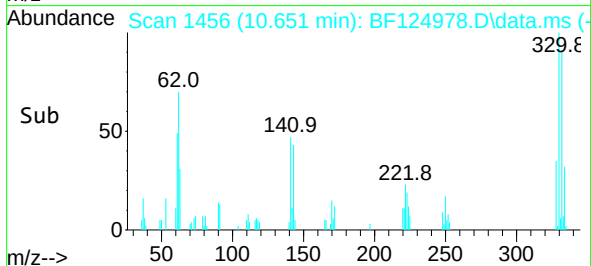
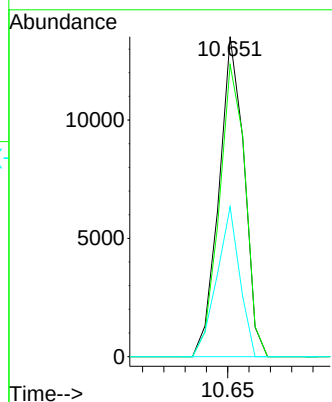
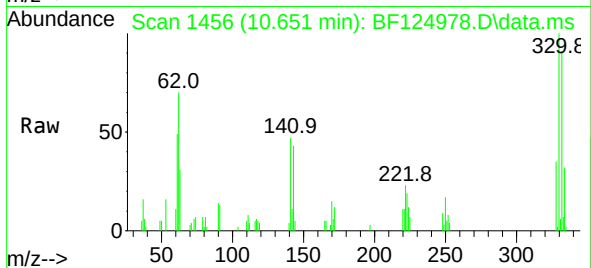




#42
2,4,6-Tribromophenol
Concen: 90.663 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF124978.D
Acq: 7 Aug 2021 17:19

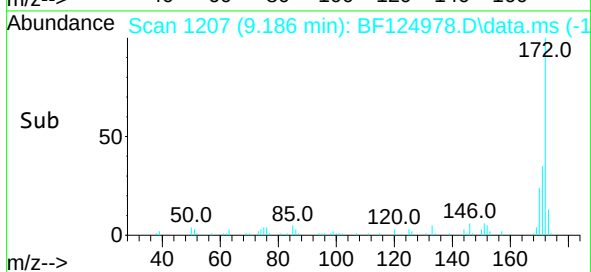
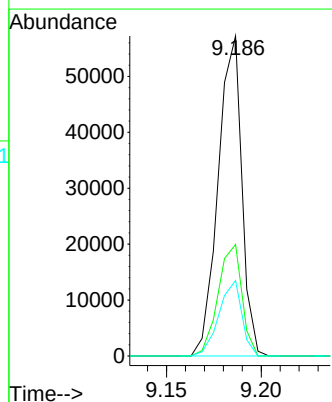
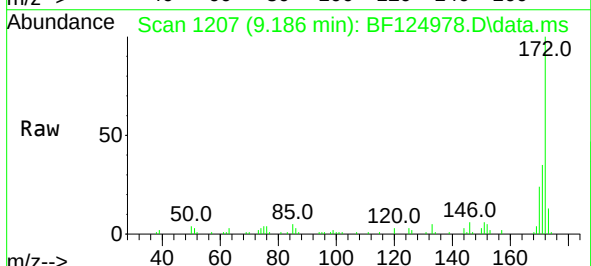
Instrument :
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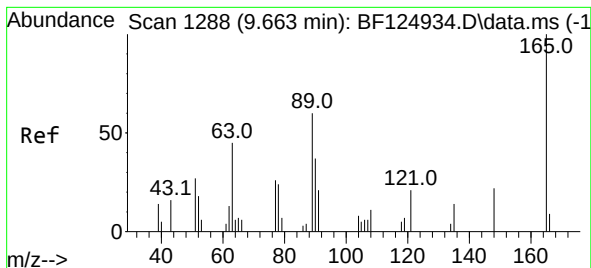
Tgt Ion:330 Resp: 11121
Ion Ratio Lower Upper
330 100
332 93.8 76.2 114.4
141 42.7 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 52.947 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124978.D
Acq: 7 Aug 2021 17:19

Tgt Ion:172 Resp: 49682
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 23.6 18.8 28.2

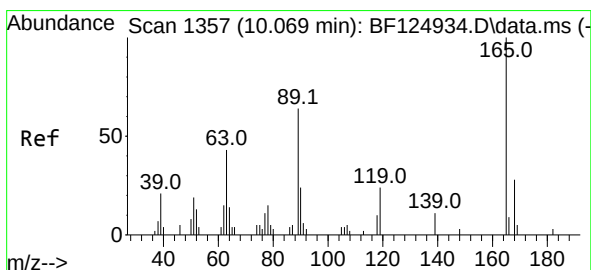
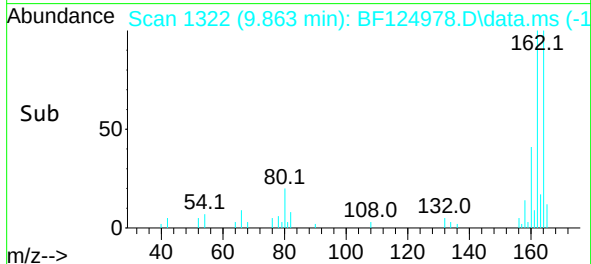
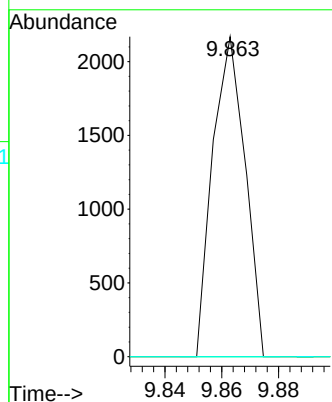
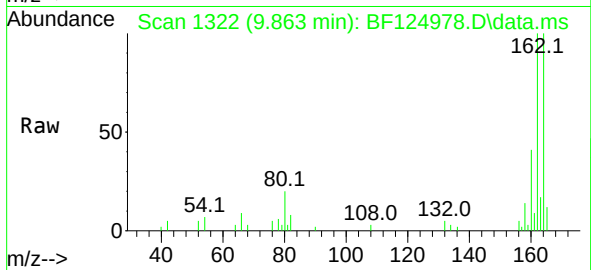




#51
2,6-Dinitrotoluene
Concen: 8.302 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.206 min
Lab File: BF124978.D
Acq: 7 Aug 2021 17:19

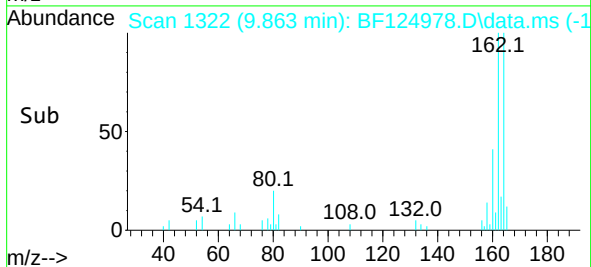
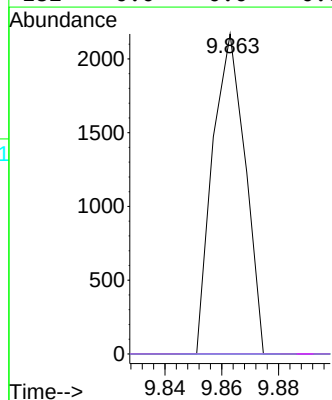
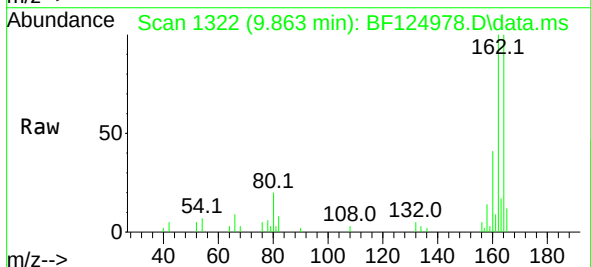
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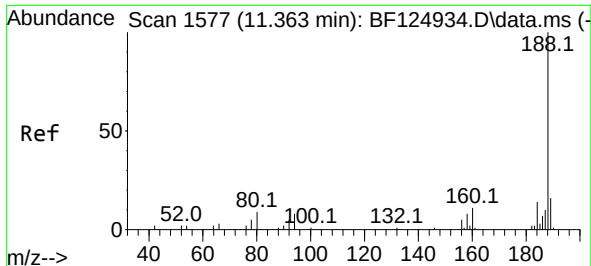
Tgt Ion:165 Resp: 1720
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.115 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.194 min
Lab File: BF124978.D
Acq: 7 Aug 2021 17:19

Tgt Ion:165 Resp: 1720
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

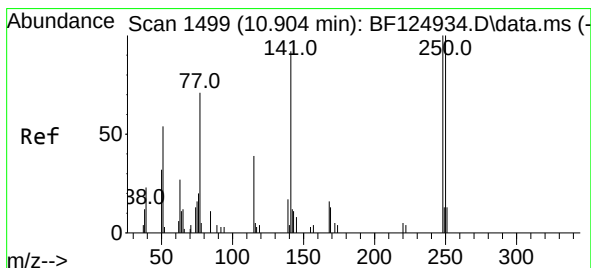
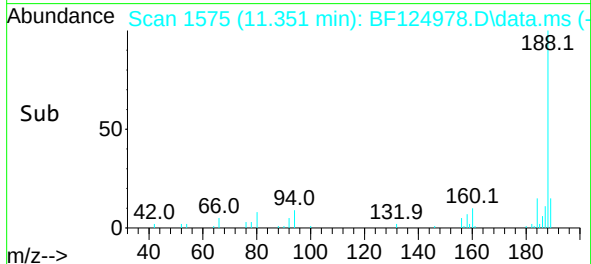
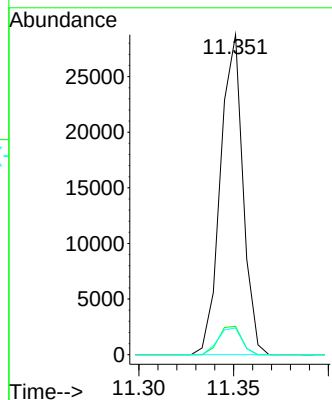
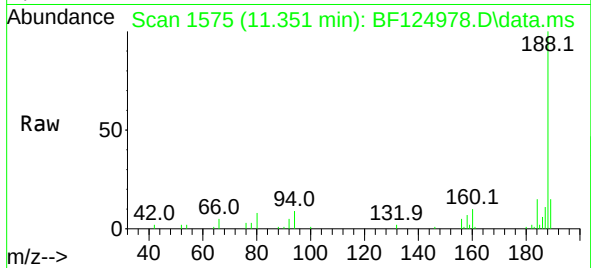




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF124978.D
Acq: 7 Aug 2021 17:19

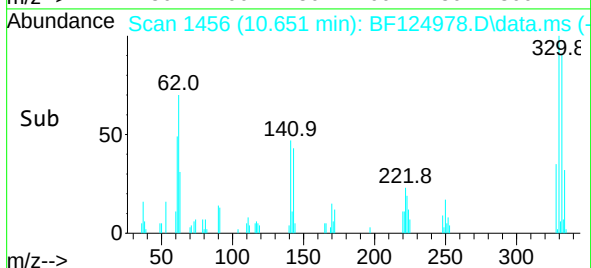
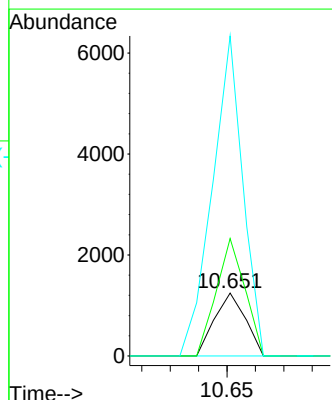
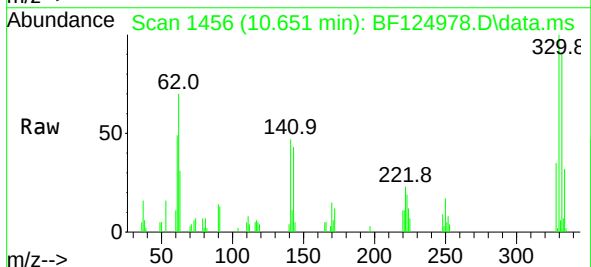
Instrument :
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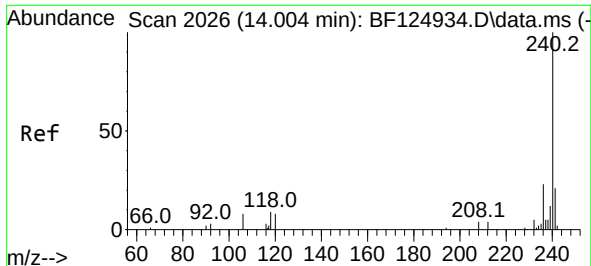
Tgt Ion:188 Resp: 23754
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 8.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.601 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF124978.D
Acq: 7 Aug 2021 17:19

Tgt Ion:248 Resp: 937
Ion Ratio Lower Upper
248 100
250 186.4 74.2 111.4#
141 508.3 60.4 90.6#

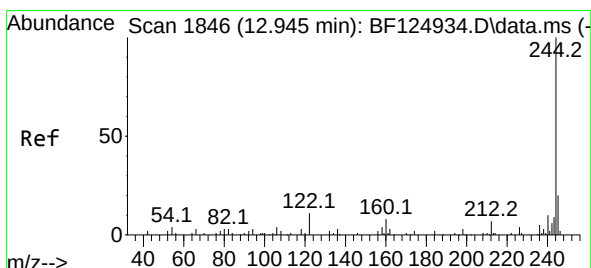
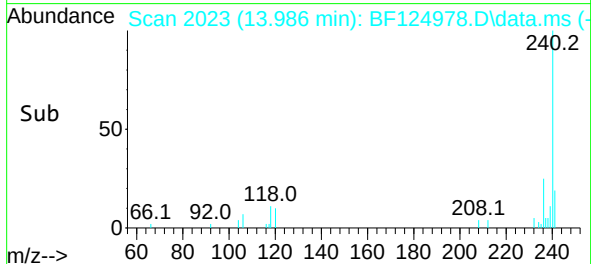
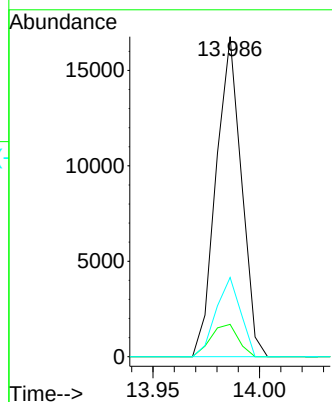
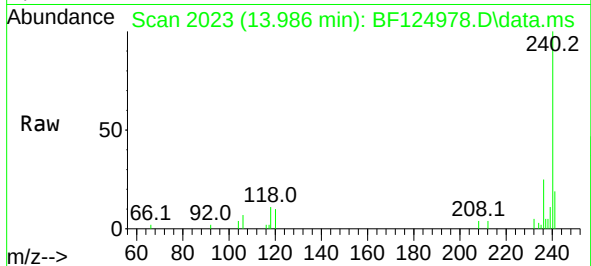




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF124978.D
Acq: 7 Aug 2021 17:19

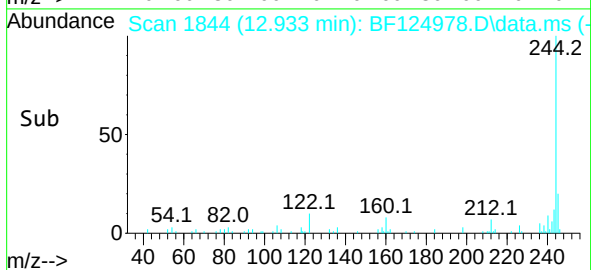
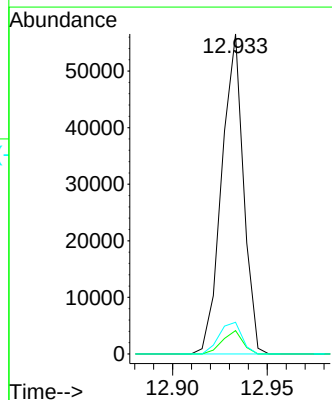
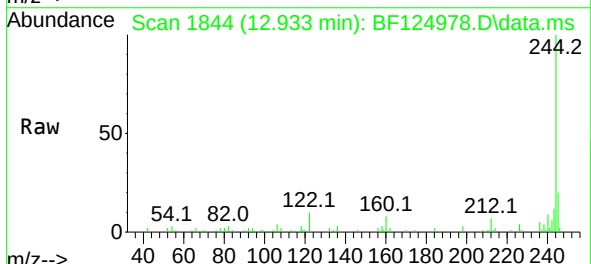
Instrument :
BNA_F
ClientSampleId :
20210568-COM-41

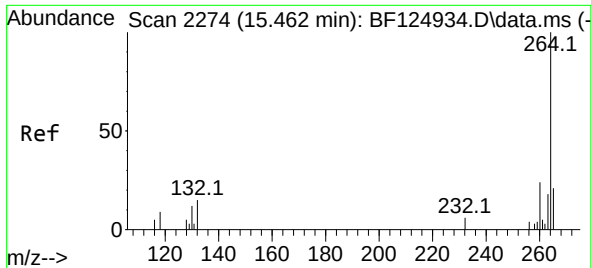
Tgt Ion:240 Resp: 13866
Ion Ratio Lower Upper
240 100
120 10.1 10.8 16.2#
236 24.7 21.6 32.4



#79
Terphenyl-d14
Concen: 54.894 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF124978.D
Acq: 7 Aug 2021 17:19

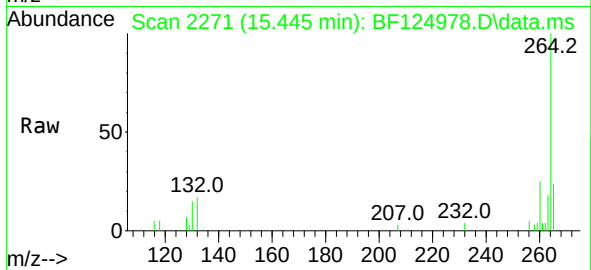
Tgt Ion:244 Resp: 45124
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 9.9 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF124978.D
 Acq: 7 Aug 2021 17:19

Instrument :
 BNA_F
 ClientSampleId :
 20210568-COM-41



Tgt Ion:	264	Resp:	12102
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.6	29.4
265	24.5	17.2	25.8

