

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134106.D
 Acq On : 06 Jul 2023 20:05
 Operator : CG\JU
 Sample : 03487-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BERGEN-COMP

Quant Time: Jul 07 01:32:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

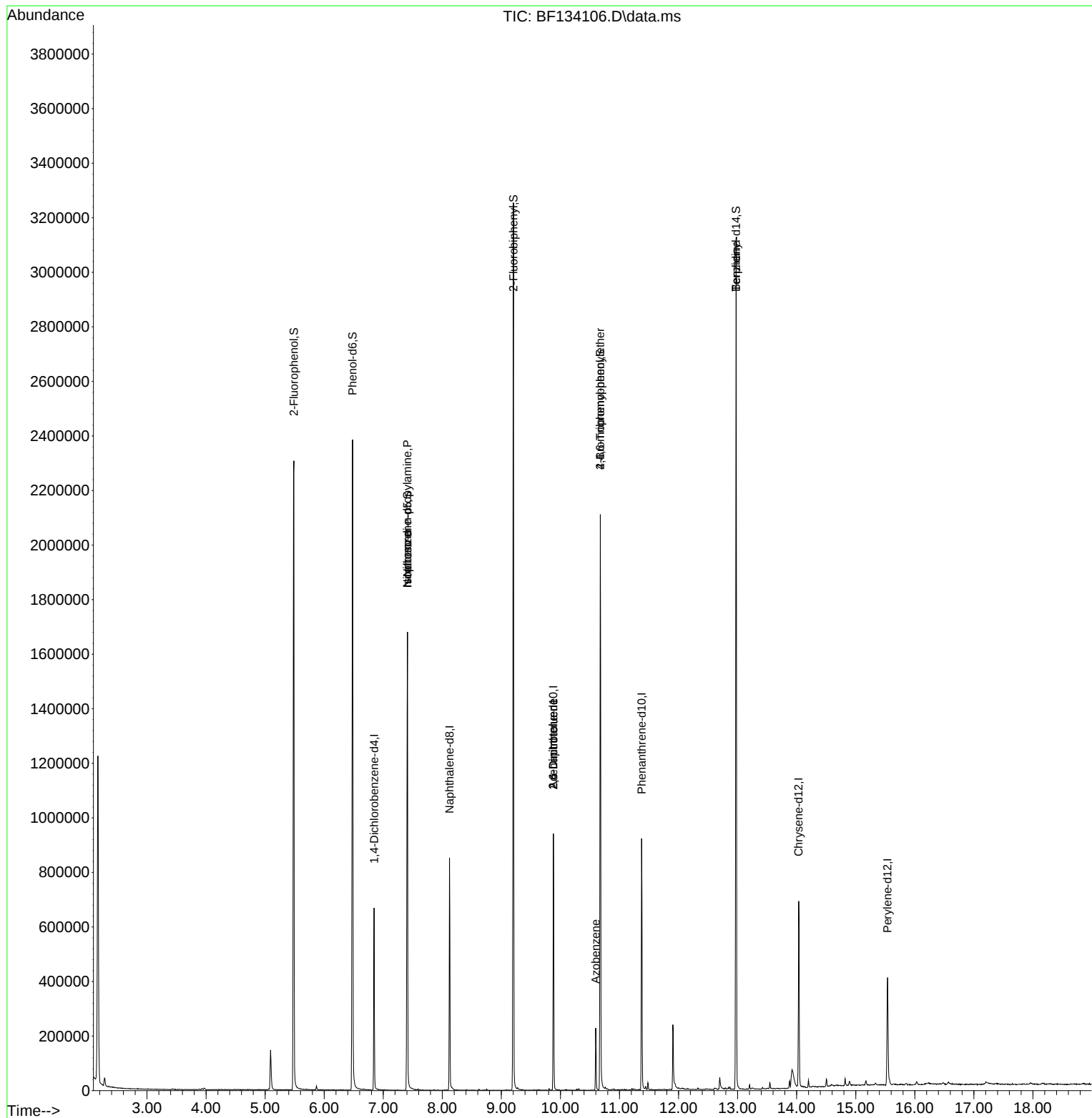
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	89063	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	350136	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	175131	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	345595	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	239672	20.000	ng	-0.02
86) Perylene-d12	15.539	264	198931	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	635478	119.355	ng	0.00
7) Phenol-d6	6.481	99	769723	117.554	ng	-0.01
23) Nitrobenzene-d5	7.410	82	512811	78.950	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	259751	118.295	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	941515	78.162	ng	0.00
79) Terphenyl-d14	12.974	244	1041853	69.961	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.369	77	57	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	71574	17.237	ng	# 78
25) Isophorone	7.410	82	512806	43.440	ng	# 64
51) 2,6-Dinitrotoluene	9.881	165	20921	7.641	ng	# 23
57) 2,4-Dinitrotoluene	9.881	165	20921	5.786	ng	# 22
63) Azobenzene	10.598	77	38617	3.082	ng	# 1
67) 4-Bromophenyl-phenylether	10.675	248	15663	4.264	ng	# 1
77) Benzidine	12.974	184	15445	2.708	ng	# 87

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

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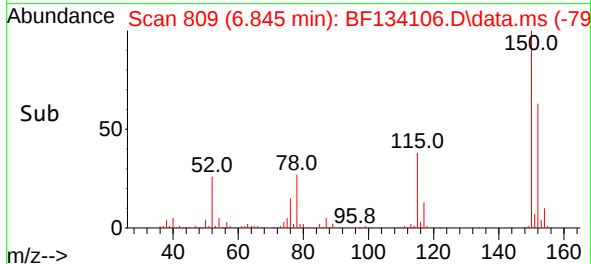
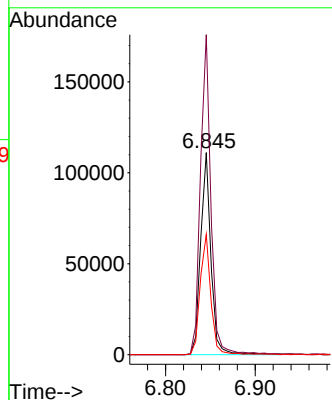
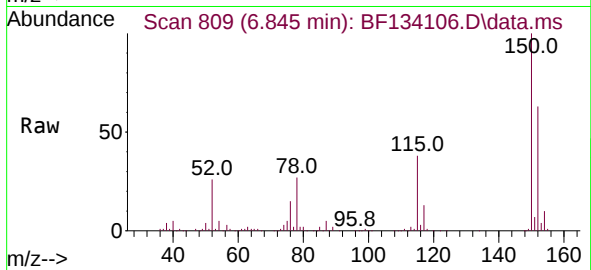




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF134106.D
Acq: 06 Jul 2023 20:05

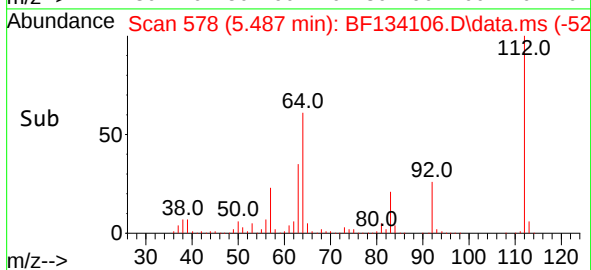
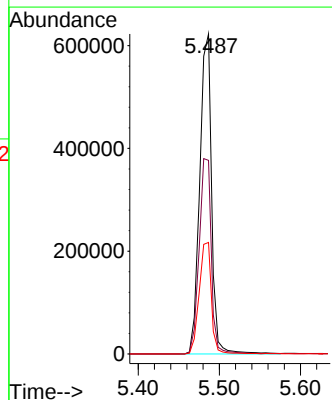
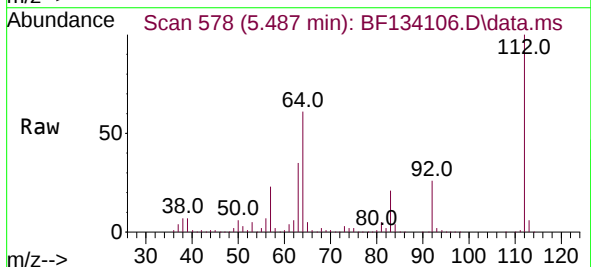
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMP

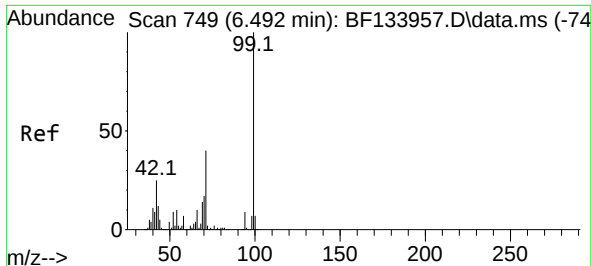
Tgt Ion:152 Resp: 89063
Ion Ratio Lower Upper
152 100
150 158.3 124.5 186.7
115 59.6 50.2 75.2



#5
2-Fluorophenol
Concen: 119.355 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF134106.D
Acq: 06 Jul 2023 20:05

Tgt Ion:112 Resp: 635478
Ion Ratio Lower Upper
112 100
64 60.5 52.1 78.1
63 34.9 28.6 42.8

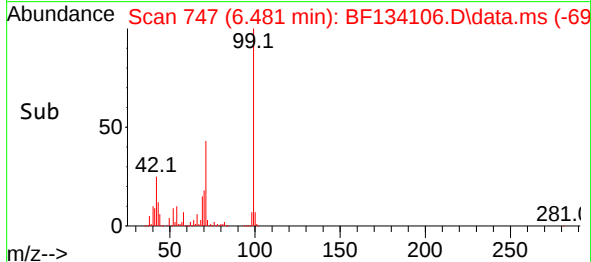
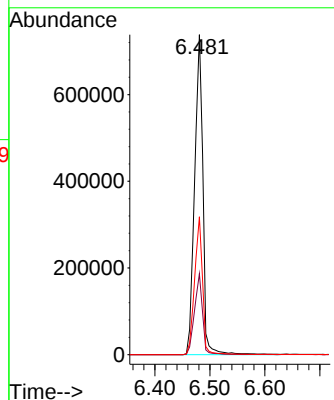
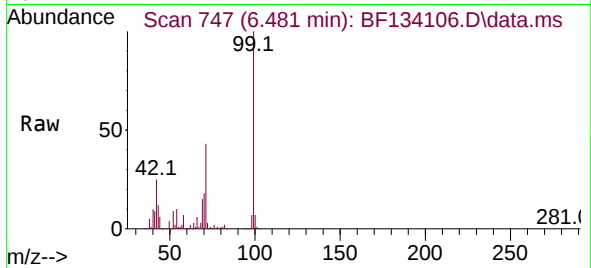




#7
Phenol-d6
Concen: 117.554 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF134106.D
Acq: 06 Jul 2023 20:05

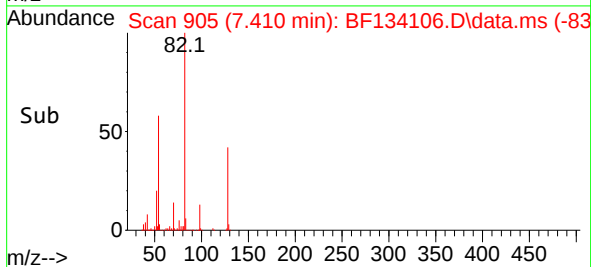
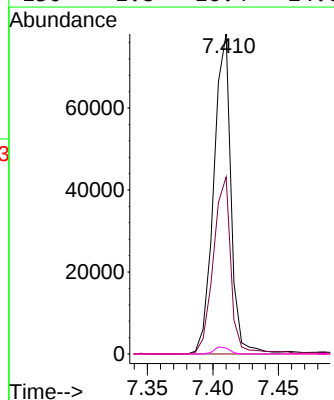
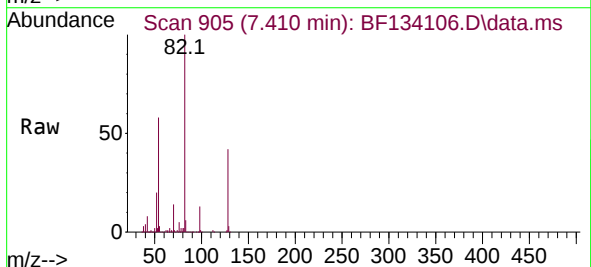
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BNA_F
ClientSampleId :
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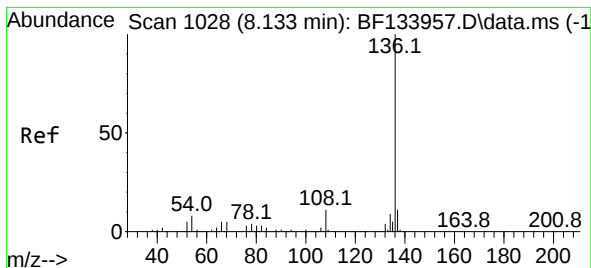
Tgt Ion: 99 Resp: 769723
Ion Ratio Lower Upper
99 100
42 25.3 19.8 29.6
71 43.1 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.237 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134106.D
Acq: 06 Jul 2023 20:05

Tgt Ion: 70 Resp: 71574
Ion Ratio Lower Upper
70 100
42 55.3 54.7 82.1
101 0.0 7.7 11.5#
130 1.8 16.4 24.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1026

Delta R.T. -0.012 min

Lab File: BF134106.D

Acq: 06 Jul 2023 20:05

Instrument :

BNA_F

ClientSampleId :

BERGEN-COMP

Tgt Ion:136 Resp: 350136

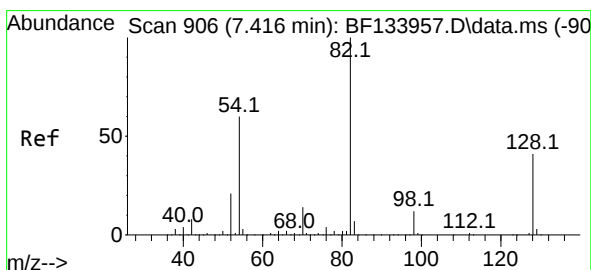
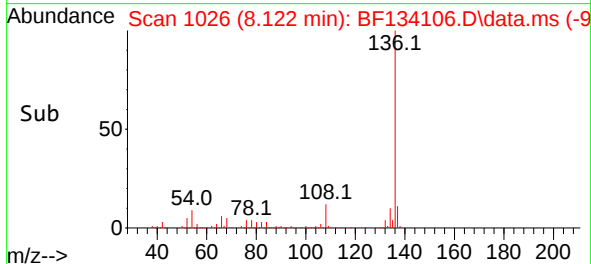
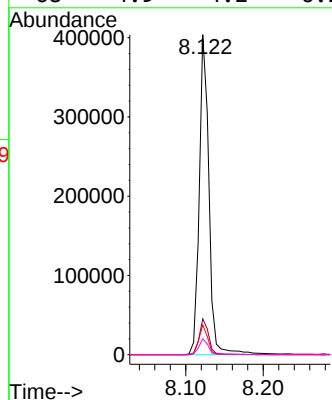
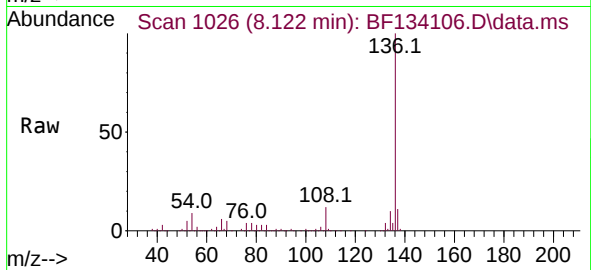
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 9.3 6.5 9.7

68 4.9 4.2 6.2



#23

Nitrobenzene-d5

Concen: 78.950 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF134106.D

Acq: 06 Jul 2023 20:05

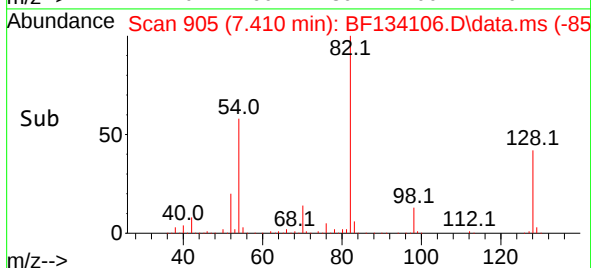
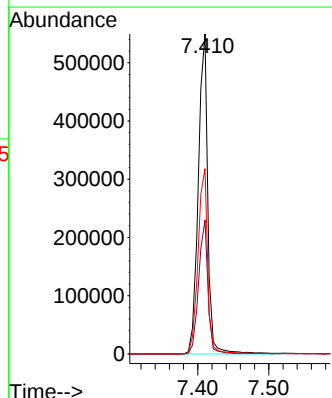
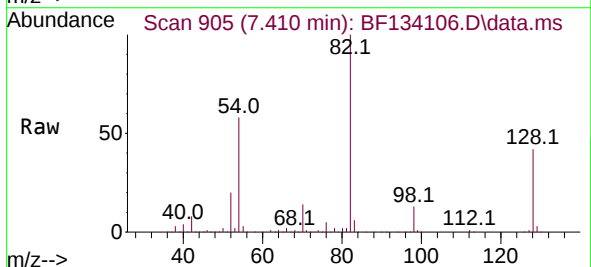
Tgt Ion: 82 Resp: 512811

Ion Ratio Lower Upper

82 100

128 41.8 32.5 48.7

54 57.9 48.2 72.2

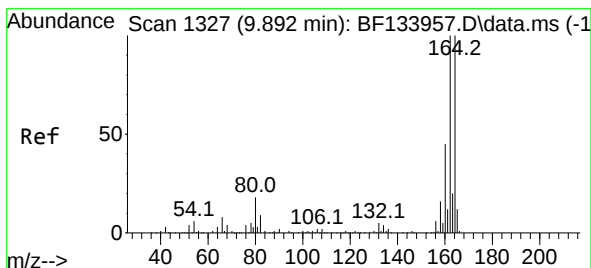
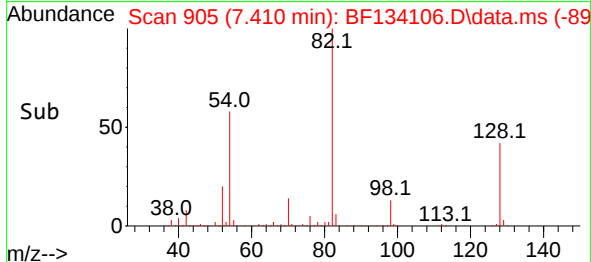
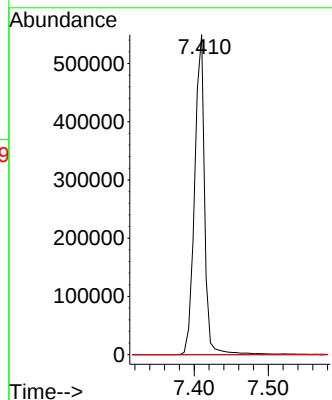
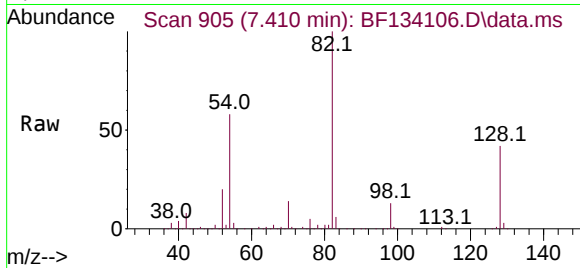




#25
Isophorone
Concen: 43.440 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134106.D
Acq: 06 Jul 2023 20:05

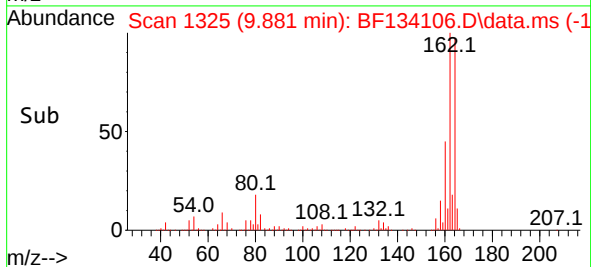
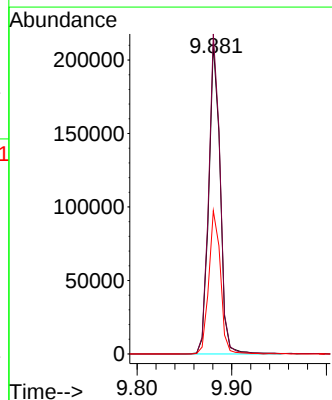
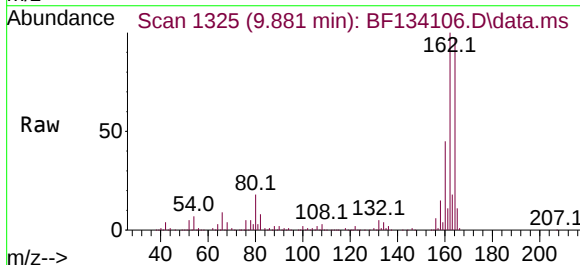
Instrument :
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Tgt Ion: 82 Resp: 512806
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134106.D
Acq: 06 Jul 2023 20:05

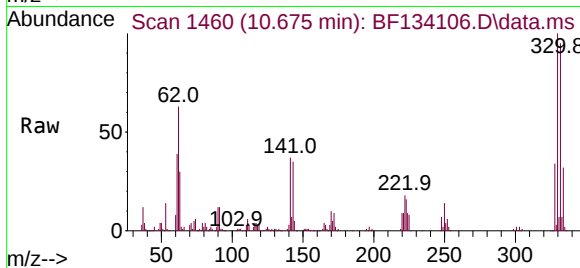
Tgt Ion:164 Resp: 175131
Ion Ratio Lower Upper
164 100
162 103.2 80.0 120.0
160 46.2 35.9 53.9



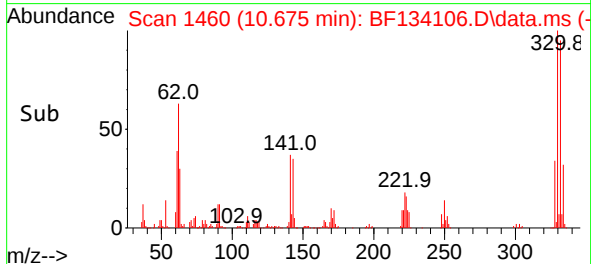
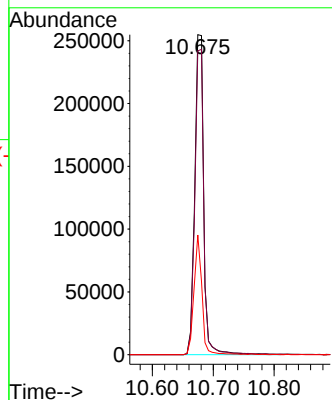


#42
2,4,6-Tribromophenol
Concen: 118.295 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134106.D
Acq: 06 Jul 2023 20:05

Instrument :
BNA_F
ClientSampleId :
BERGEN-COMP

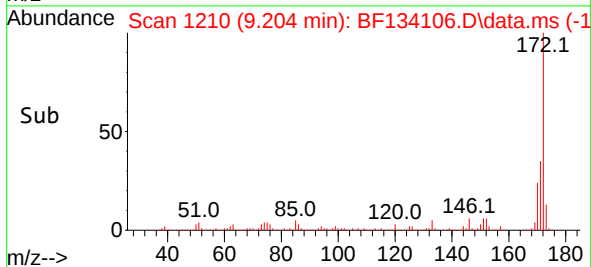
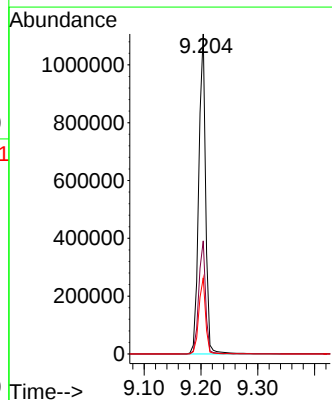
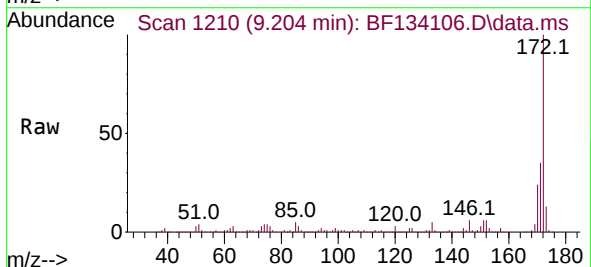


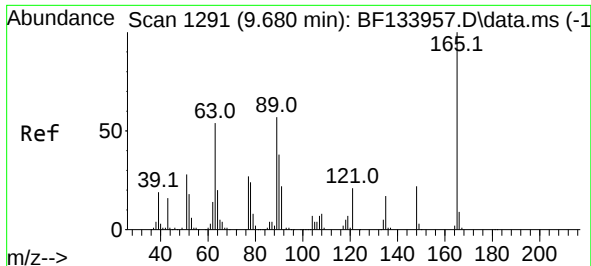
Tgt Ion:330 Resp: 259751
Ion Ratio Lower Upper
330 100
332 94.8 77.0 115.6
141 33.1 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 78.162 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134106.D
Acq: 06 Jul 2023 20:05

Tgt Ion:172 Resp: 941515
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.7 19.4 29.0

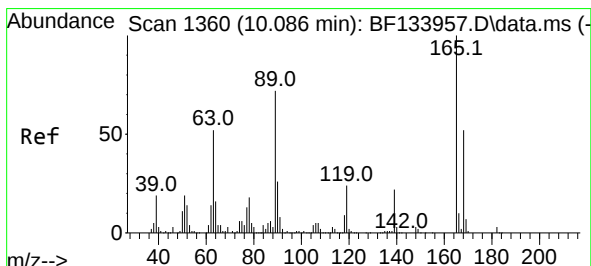
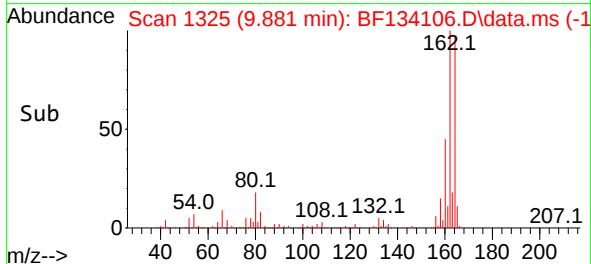
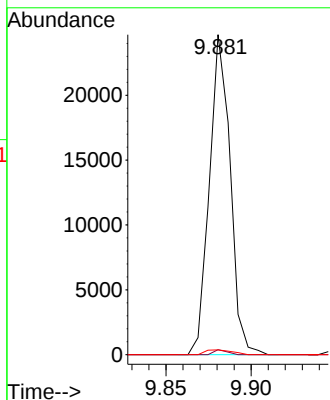
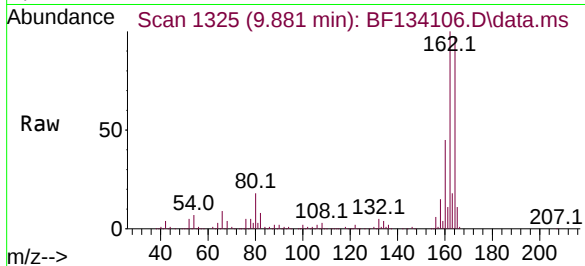




#51
2,6-Dinitrotoluene
Concen: 7.641 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134106.D
Acq: 06 Jul 2023 20:05

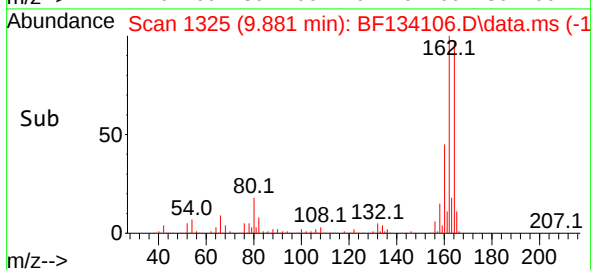
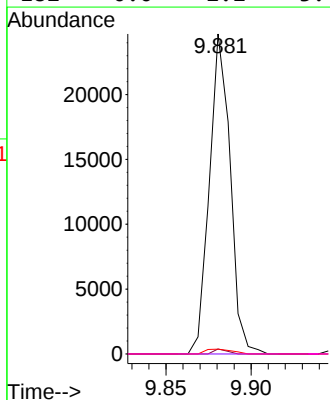
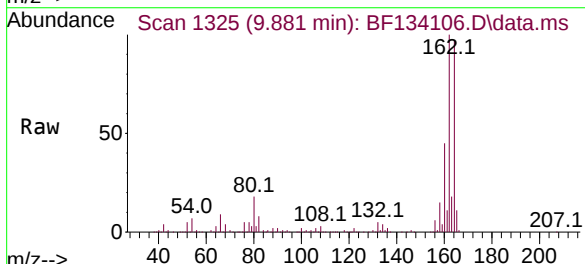
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMP

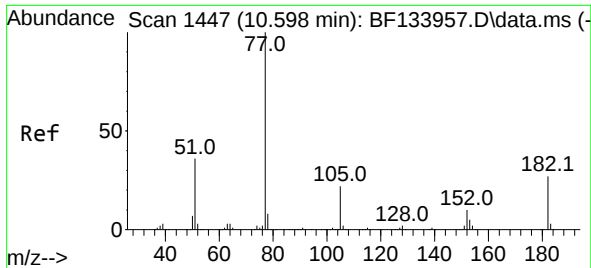
Tgt Ion:165 Resp: 20921
Ion Ratio Lower Upper
165 100
63 1.6 48.5 72.7#
89 1.5 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 5.786 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF134106.D
Acq: 06 Jul 2023 20:05

Tgt Ion:165 Resp: 20921
Ion Ratio Lower Upper
165 100
63 1.6 42.2 63.2#
89 1.5 57.4 86.2#
182 0.0 2.2 3.4#

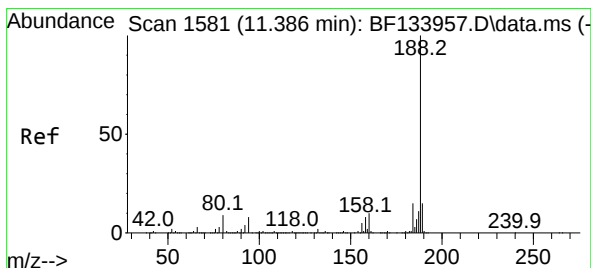
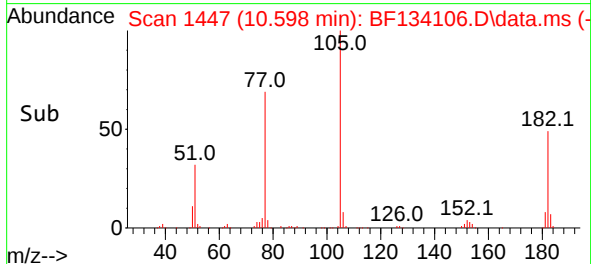
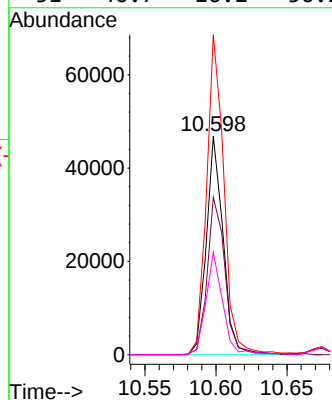
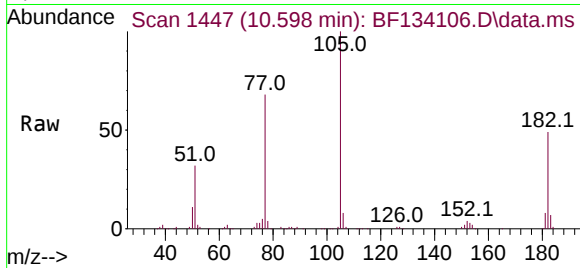




#63
Azobenzene
Concen: 3.082 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF134106.D
Acq: 06 Jul 2023 20:05

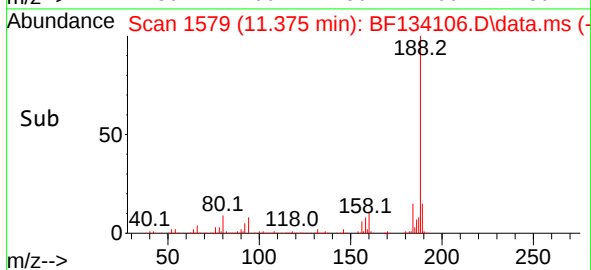
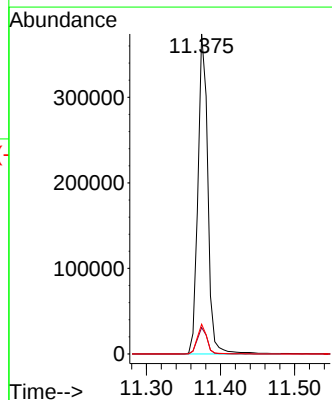
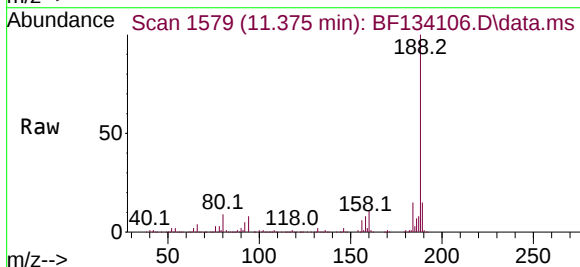
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMP

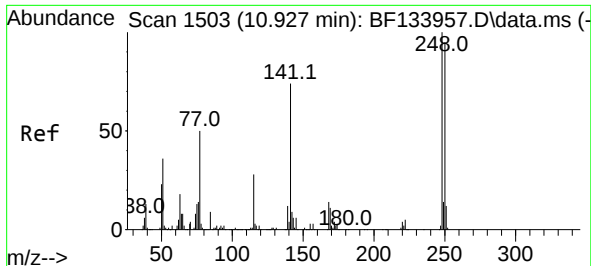
Tgt Ion: 77 Resp: 38617
Ion Ratio Lower Upper
77 100
182 72.0 6.8 46.8#
105 146.3 2.3 42.3#
51 46.7 16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF134106.D
Acq: 06 Jul 2023 20:05

Tgt Ion:188 Resp: 345595
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 9.3 7.3 10.9

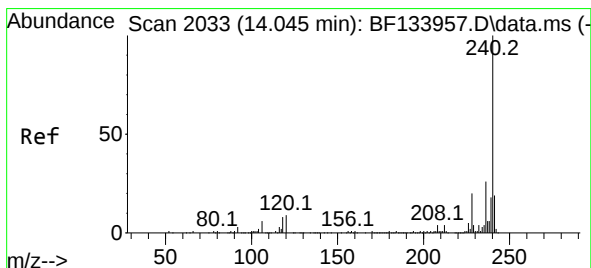
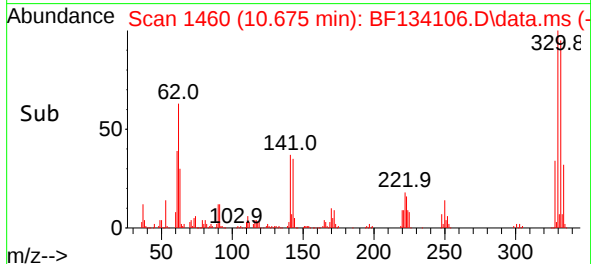
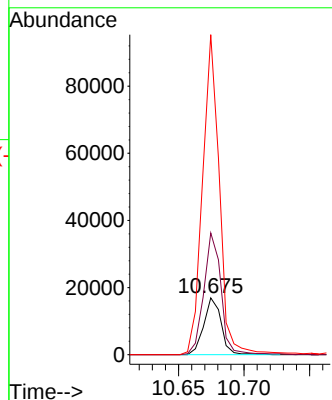
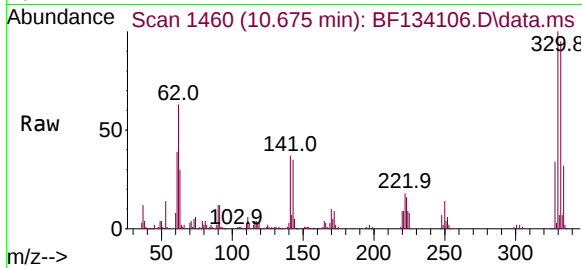




#67
4-Bromophenyl-phenylether
Concen: 4.264 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF134106.D
Acq: 06 Jul 2023 20:05

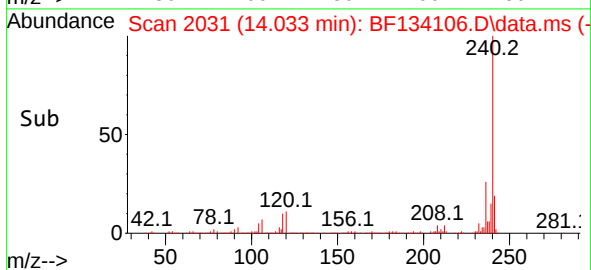
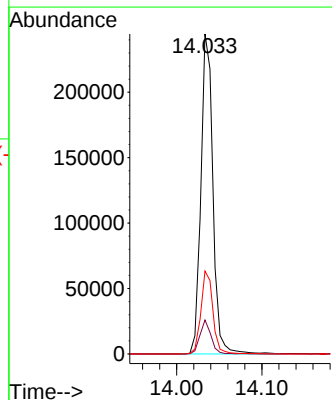
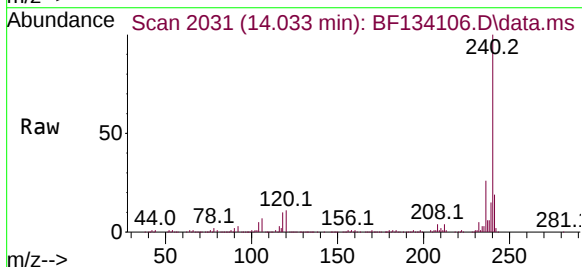
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMP

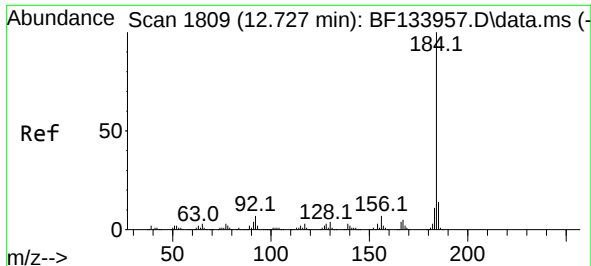
Tgt Ion:248 Resp: 15663
Ion Ratio Lower Upper
248 100
250 214.1 76.2 114.4#
141 563.0 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134106.D
Acq: 06 Jul 2023 20:05

Tgt Ion:240 Resp: 239672
Ion Ratio Lower Upper
240 100
120 10.6 7.4 11.0
236 25.9 21.0 31.6

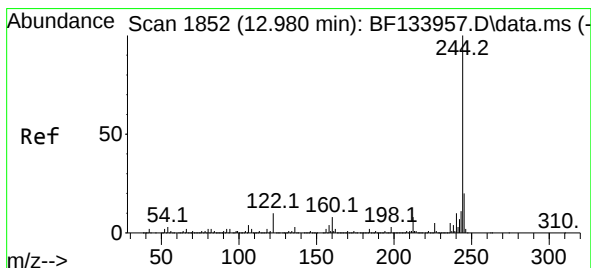
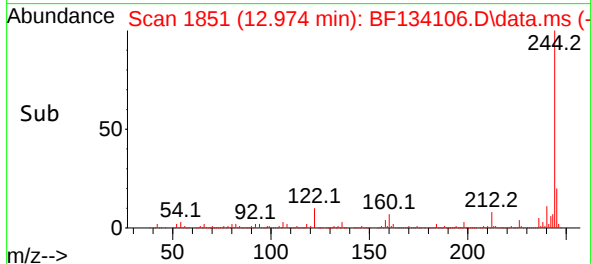
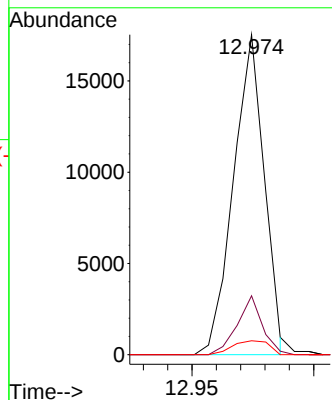
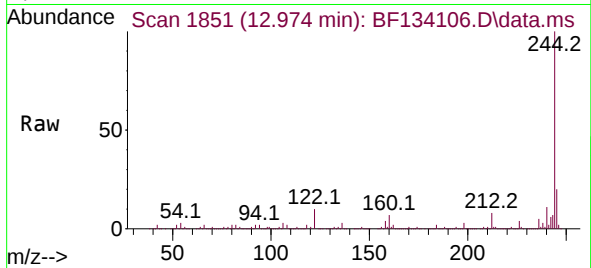




#77
Benzidine
Concen: 2.708 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF134106.D
Acq: 06 Jul 2023 20:05

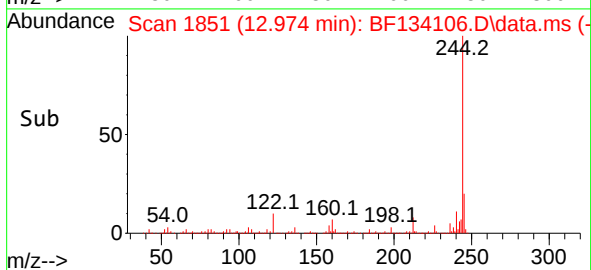
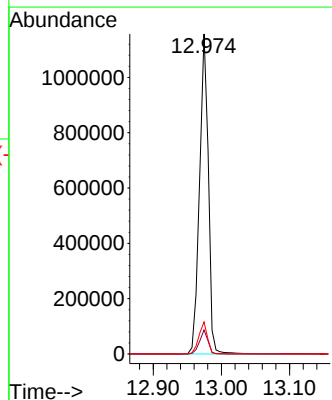
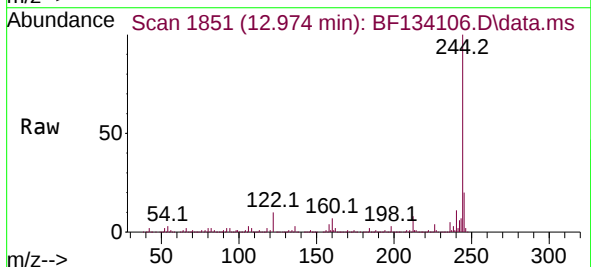
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMP

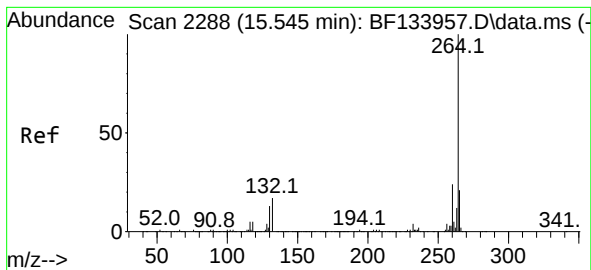
Tgt Ion:184 Resp: 15445
Ion Ratio Lower Upper
184 100
185 18.4 11.6 17.4#
183 4.4 8.8 13.2#



#79
Terphenyl-d14
Concen: 69.961 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF134106.D
Acq: 06 Jul 2023 20:05

Tgt Ion:244 Resp: 1041853
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 10.0 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF134106.D
 Acq: 06 Jul 2023 20:05

Instrument :
 BNA_F
 ClientSampleId :
 BERGEN-COMP

Tgt Ion:264 Resp: 198931
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 20.1 16.6 25.0

