

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134270.D
 Acq On : 13 Jul 2023 19:48
 Operator : CG\JU
 Sample : 03358-02RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 14 01:44:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

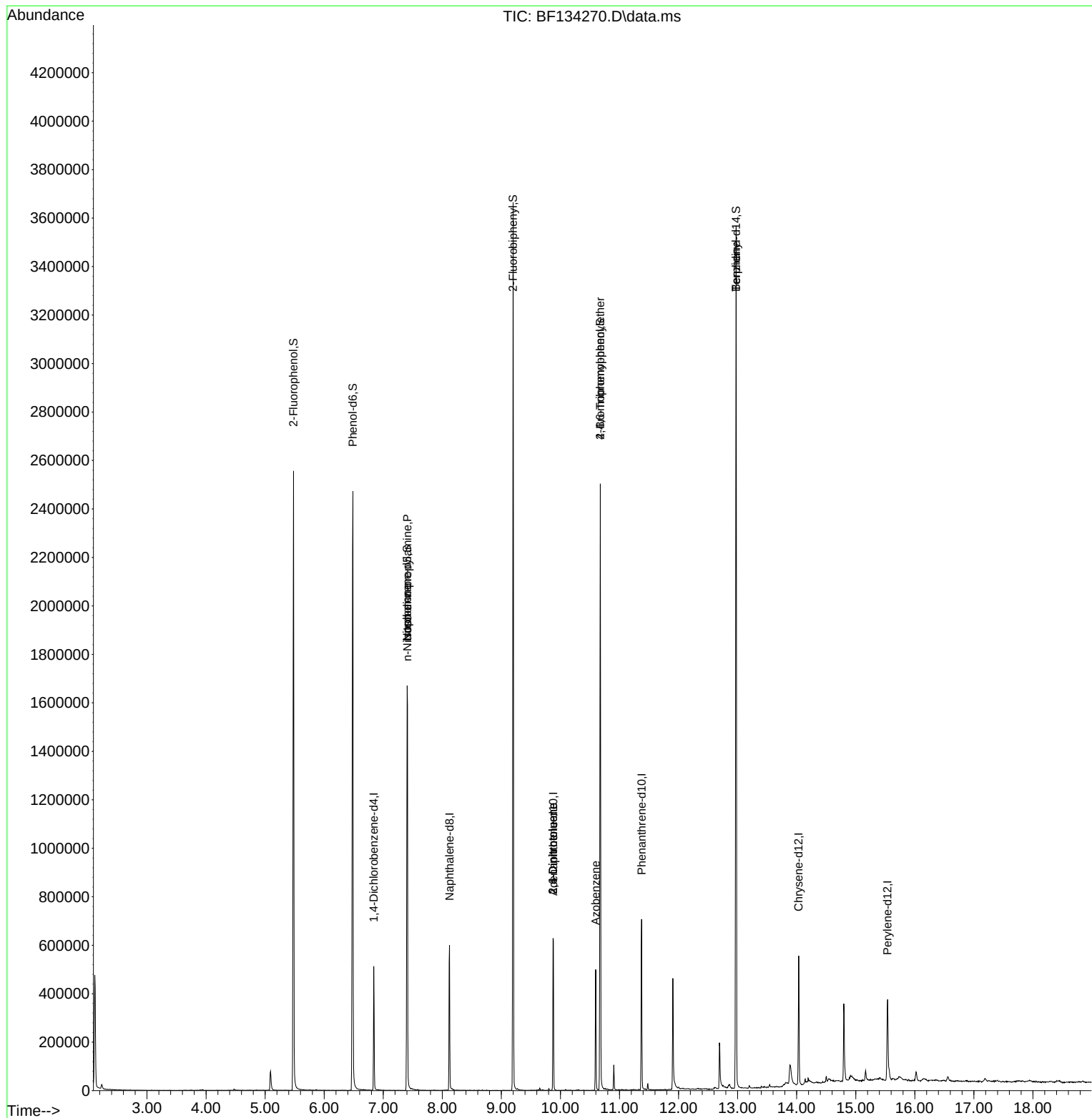
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	70231	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	264005	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	129484	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	262477	20.000	ng	0.00
76) Chrysene-d12	14.033	240	175057	20.000	ng	0.00
86) Perylene-d12	15.539	264	164439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	655970	156.240	ng	0.00
7) Phenol-d6	6.486	99	829231	160.601	ng	0.00
23) Nitrobenzene-d5	7.404	82	555702	113.465	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	299236	184.319	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1019079	114.426	ng	0.00
79) Terphenyl-d14	12.974	244	1271776	116.923	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.486	77	1584	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	79629	24.319	ng	# 72
25) Isophorone	7.404	82	555702	62.432	ng	# 64
51) 2,6-Dinitrotoluene	9.874	165	15652	7.732	ng	# 23
57) 2,4-Dinitrotoluene	9.874	165	15652	5.854	ng	# 22
63) Azobenzene	10.598	77	81551	8.804	ng	# 1
67) 4-Bromophenyl-phenylether	10.674	248	17625	6.318	ng	# 1
77) Benzidine	12.974	184	17521	4.206	ng	# 89

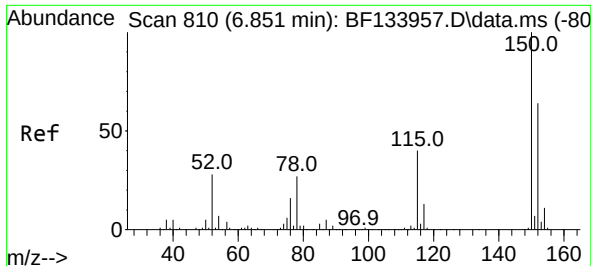
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
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Misc :
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BNA_F
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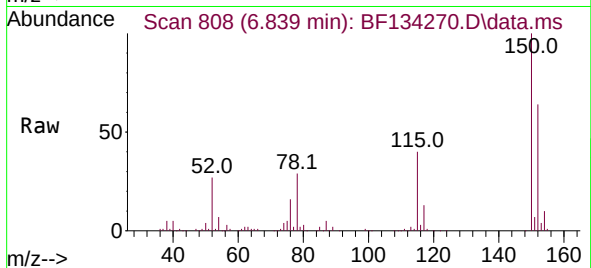
Quant Time: Jul 14 01:44:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration



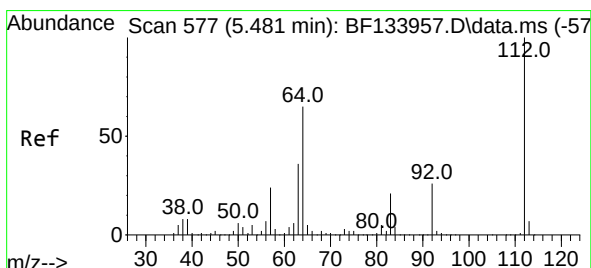
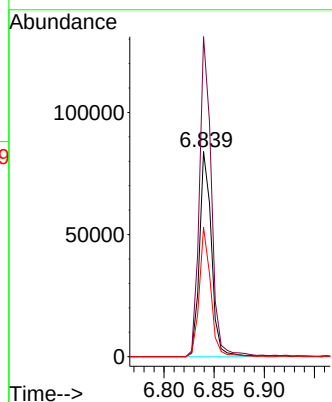
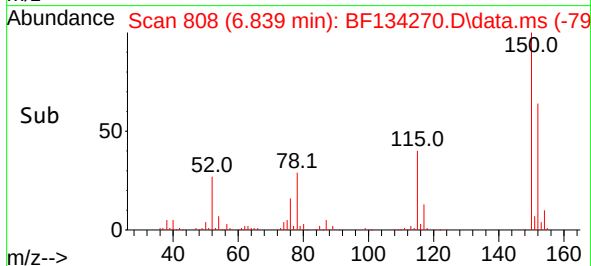


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134270.D
Acq: 13 Jul 2023 19:48

Instrument :
BNA_F
ClientSampleId :

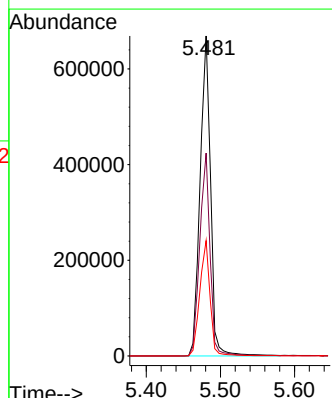
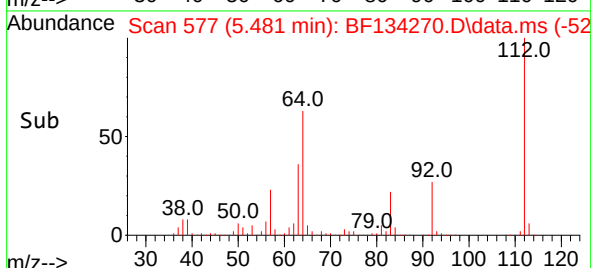
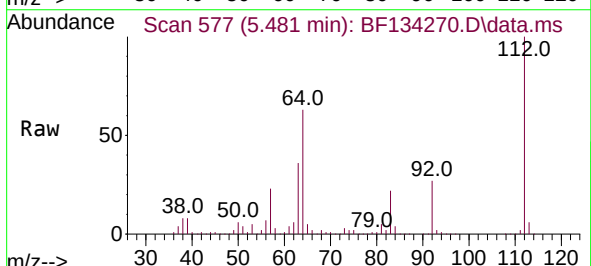


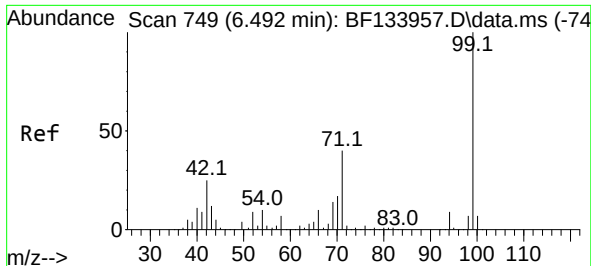
Tgt Ion:152 Resp: 70231
Ion Ratio Lower Upper
152 100
150 156.0 124.5 186.7
115 63.0 50.2 75.2



#5
2-Fluorophenol
Concen: 156.240 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF134270.D
Acq: 13 Jul 2023 19:48

Tgt Ion:112 Resp: 655970
Ion Ratio Lower Upper
112 100
64 63.4 52.1 78.1
63 36.1 28.6 42.8

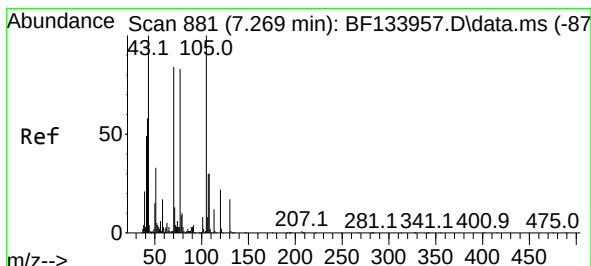
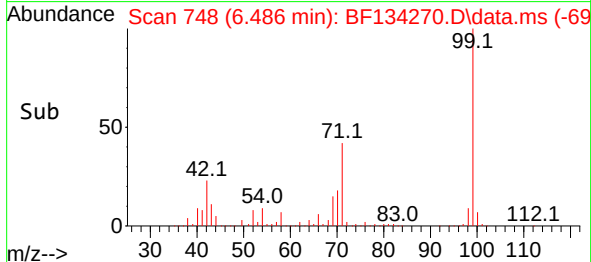
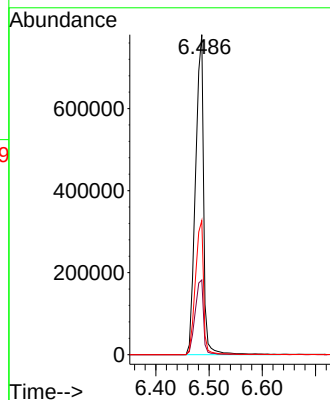
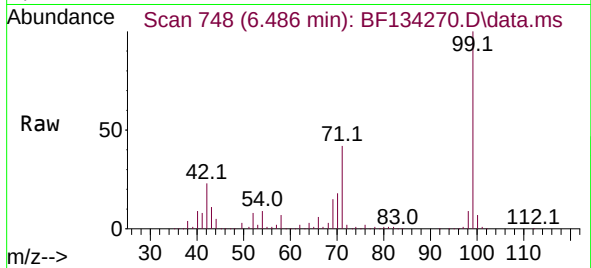




#7
Phenol-d6
Concen: 160.601 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134270.D
Acq: 13 Jul 2023 19:48

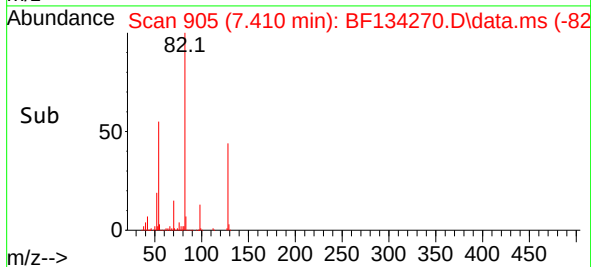
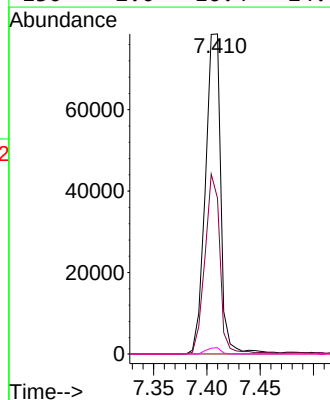
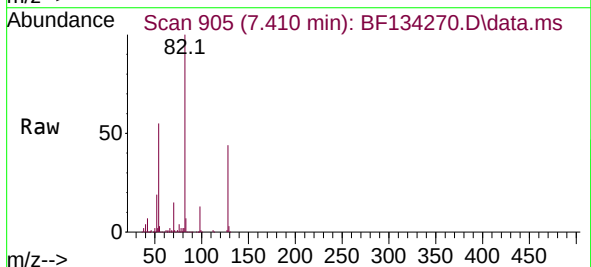
Instrument :
BNA_F
ClientSampleId :

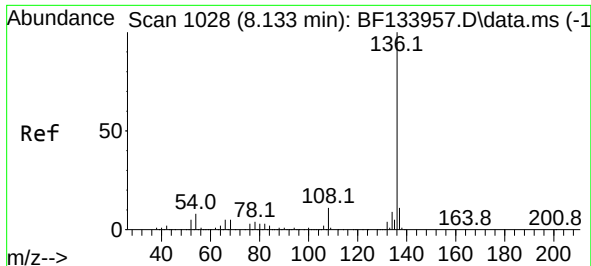
Tgt Ion: 99 Resp: 829231
Ion Ratio Lower Upper
99 100
42 23.3 19.8 29.6
71 41.9 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 24.319 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF134270.D
Acq: 13 Jul 2023 19:48

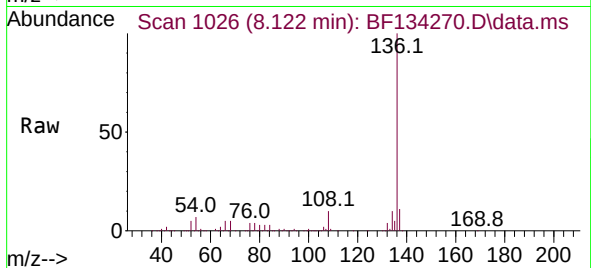
Tgt Ion: 70 Resp: 79629
Ion Ratio Lower Upper
70 100
42 48.7 54.7 82.1#
101 0.0 7.7 11.5#
130 2.0 16.4 24.6#



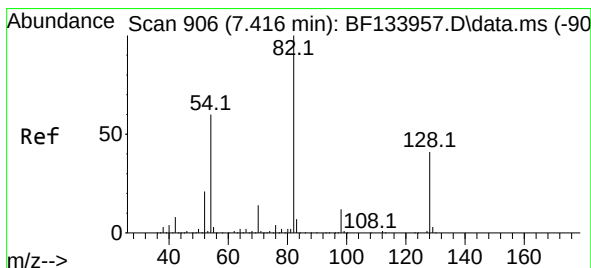
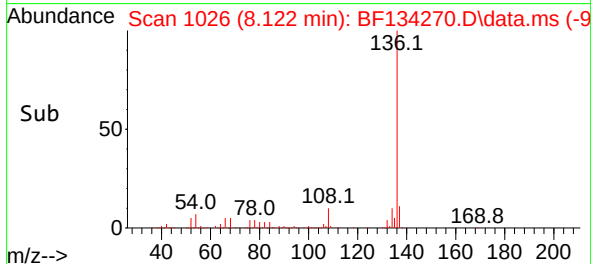
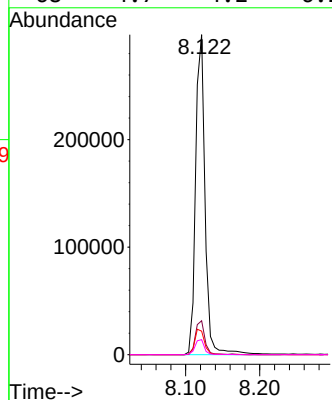


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134270.D
Acq: 13 Jul 2023 19:48

Instrument :
BNA_F
ClientSampleId :

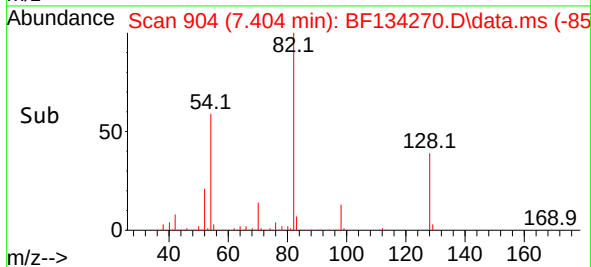
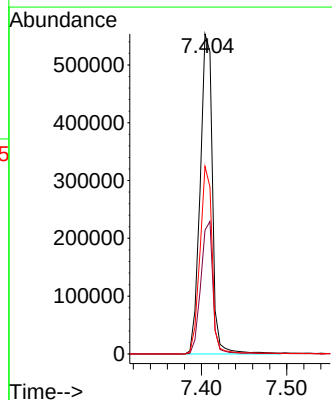
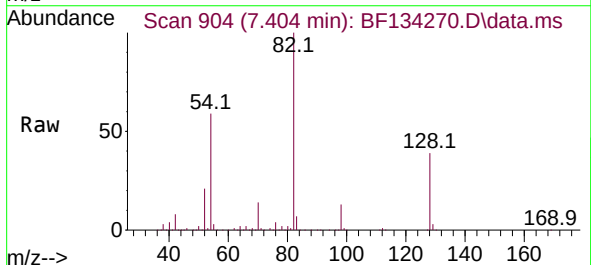


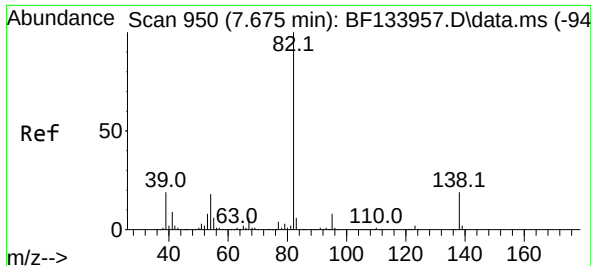
Tgt Ion:136 Resp: 264005
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.3 6.5 9.7
68 4.7 4.2 6.2



#23
Nitrobenzene-d5
Concen: 113.465 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134270.D
Acq: 13 Jul 2023 19:48

Tgt Ion: 82 Resp: 555702
Ion Ratio Lower Upper
82 100
128 38.7 32.5 48.7
54 58.6 48.2 72.2

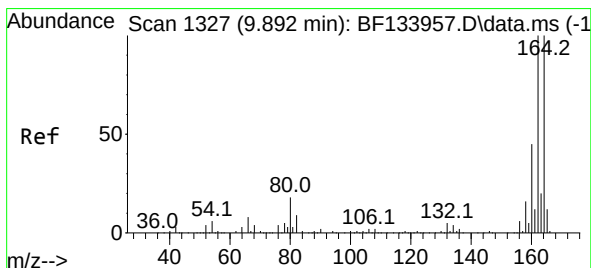
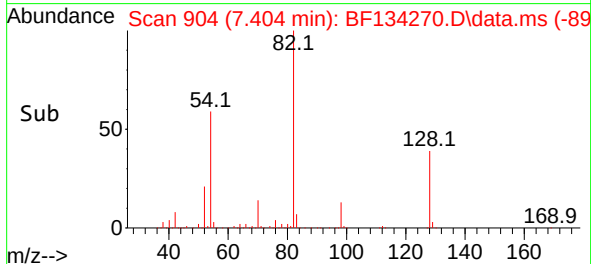
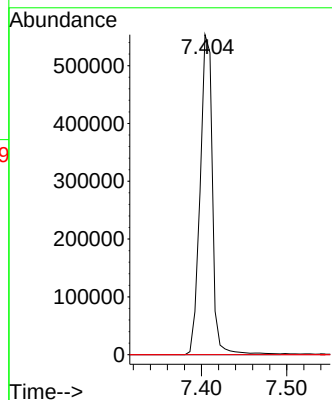
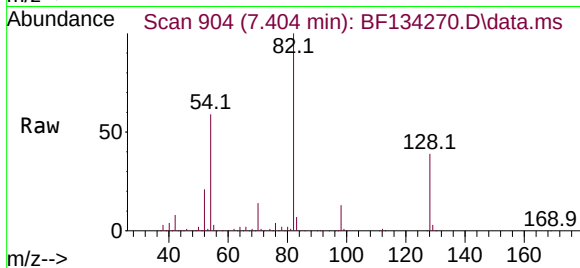




#25
Isophorone
Concen: 62.432 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134270.D
Acq: 13 Jul 2023 19:48

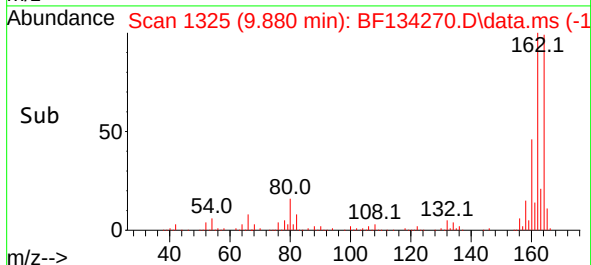
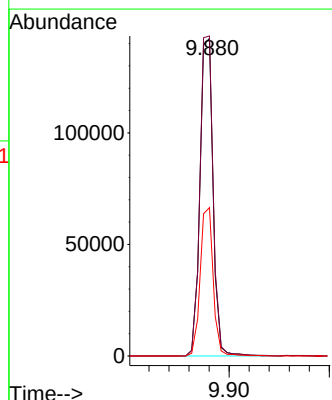
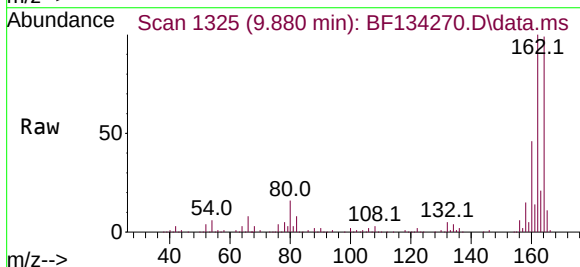
Instrument :
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ClientSampleId :

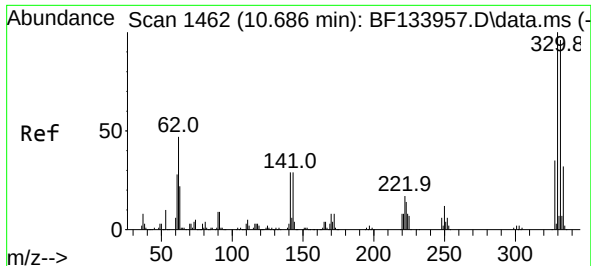
Tgt Ion: 82 Resp: 555702
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134270.D
Acq: 13 Jul 2023 19:48

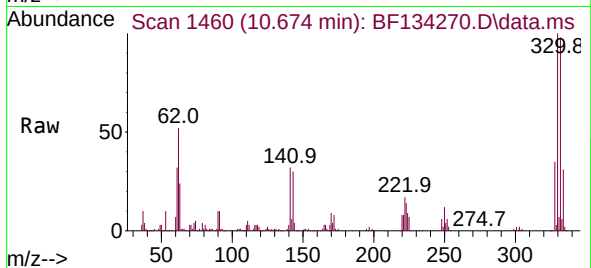
Tgt Ion:164 Resp: 129484
Ion Ratio Lower Upper
164 100
162 100.8 80.0 120.0
160 46.7 35.9 53.9



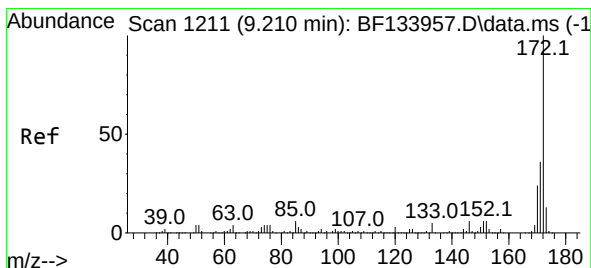
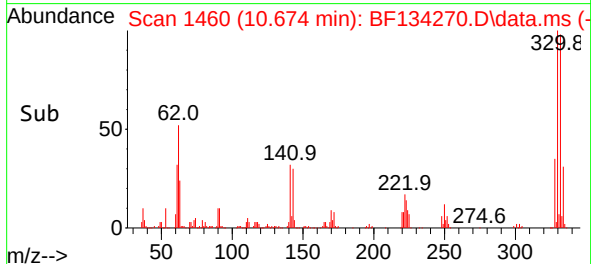
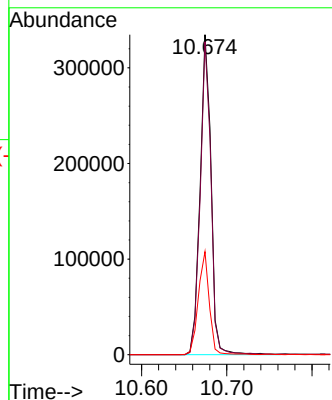


#42
2,4,6-Tribromophenol
Concen: 184.319 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134270.D
Acq: 13 Jul 2023 19:48

Instrument :
BNA_F
ClientSampleId :

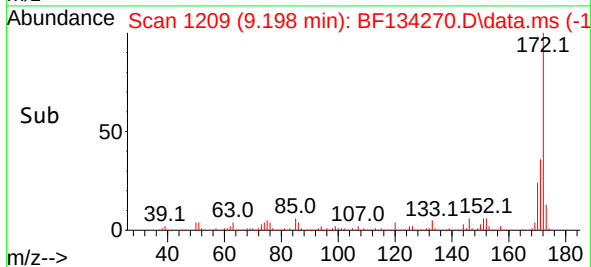
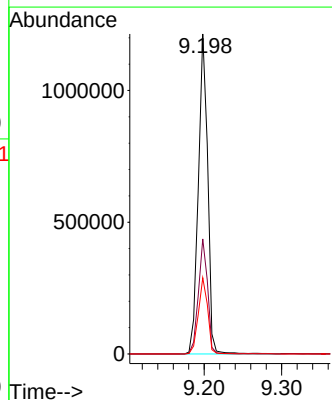
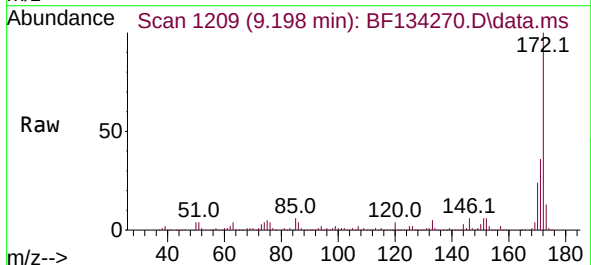


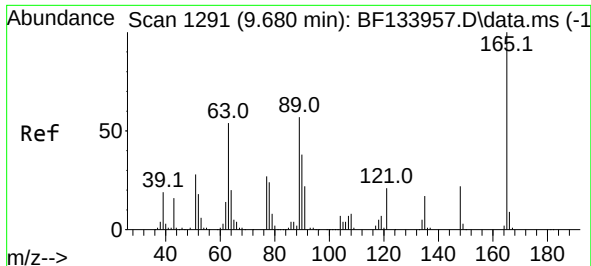
Tgt Ion:330 Resp: 299236
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 32.3 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 114.426 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134270.D
Acq: 13 Jul 2023 19:48

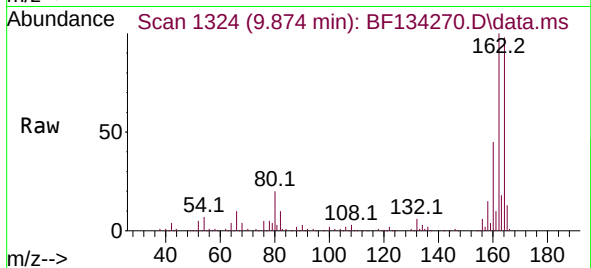
Tgt Ion:172 Resp: 1019079
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.8 19.4 29.0



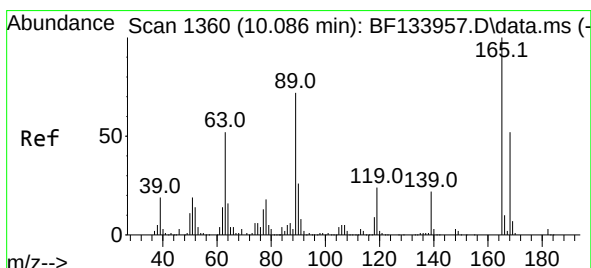
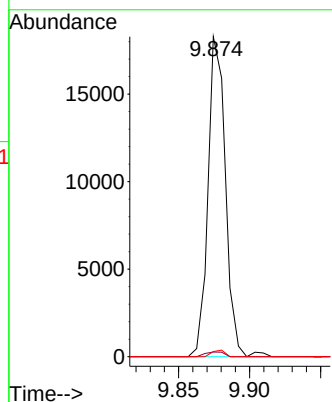
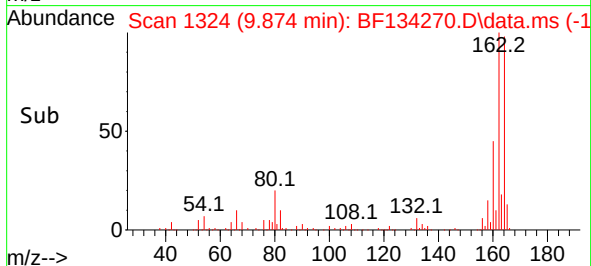


#51
2,6-Dinitrotoluene
Concen: 7.732 ng
RT: 9.874 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134270.D
Acq: 13 Jul 2023 19:48

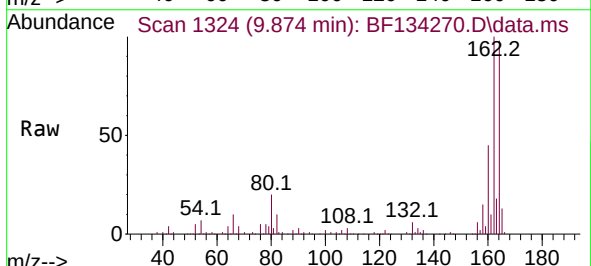
Instrument :
BNA_F
ClientSampleId :



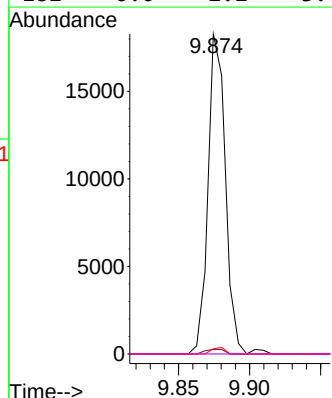
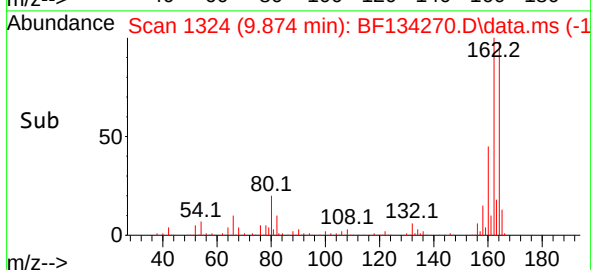
Tgt Ion:165 Resp: 15652
Ion Ratio Lower Upper
165 100
63 1.5 48.5 72.7#
89 1.6 45.5 68.3#

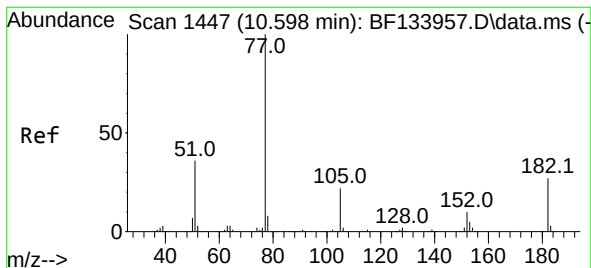


#57
2,4-Dinitrotoluene
Concen: 5.854 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF134270.D
Acq: 13 Jul 2023 19:48



Tgt Ion:165 Resp: 15652
Ion Ratio Lower Upper
165 100
63 1.5 42.2 63.2#
89 1.6 57.4 86.2#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 8.804 ng

RT: 10.598 min Scan# 1447

Delta R.T. 0.006 min

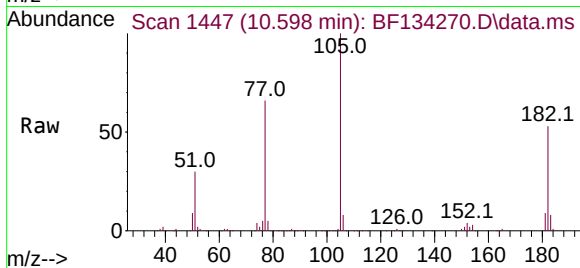
Lab File: BF134270.D

Acq: 13 Jul 2023 19:48

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 81551

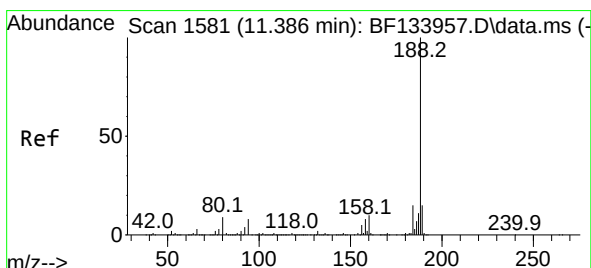
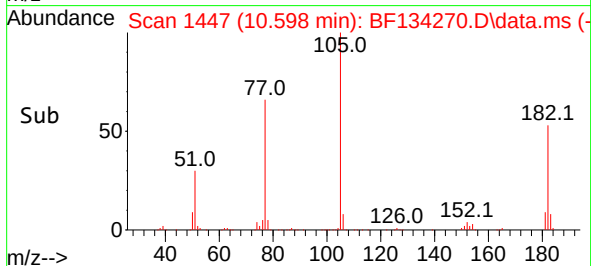
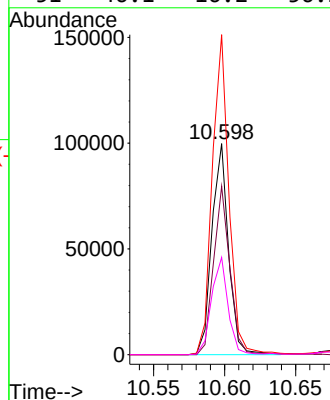
Ion Ratio Lower Upper

77 100

182 79.8 6.8 46.8#

105 151.6 2.3 42.3#

51 46.1 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF134270.D

Acq: 13 Jul 2023 19:48

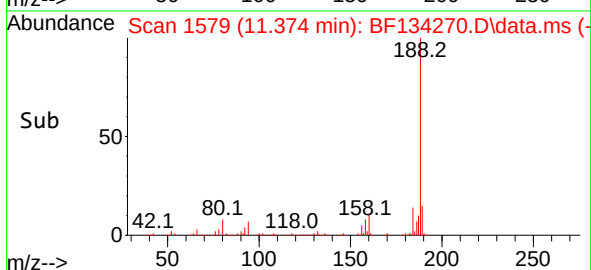
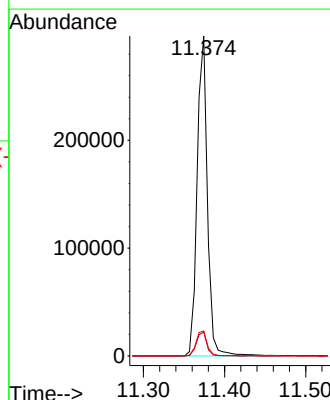
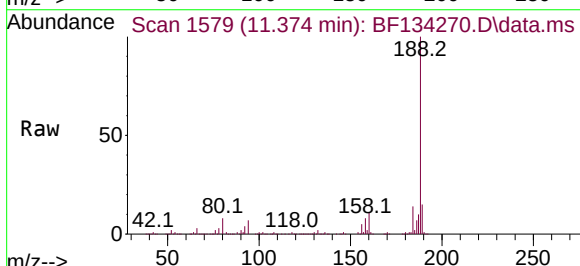
Tgt Ion: 188 Resp: 262477

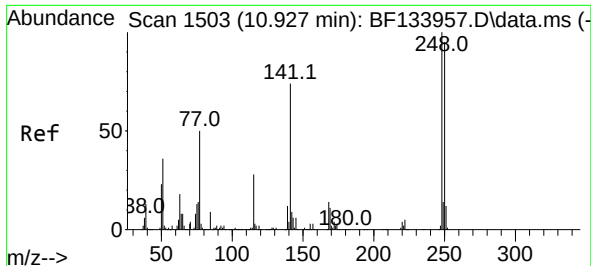
Ion Ratio Lower Upper

188 100

94 7.4 6.4 9.6

80 7.8 7.3 10.9

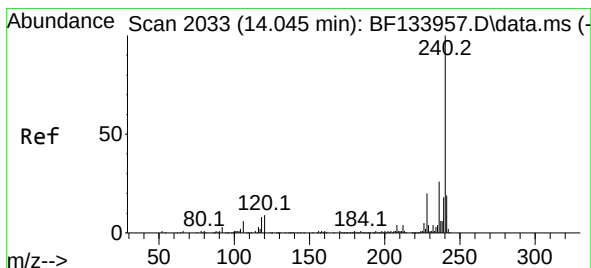
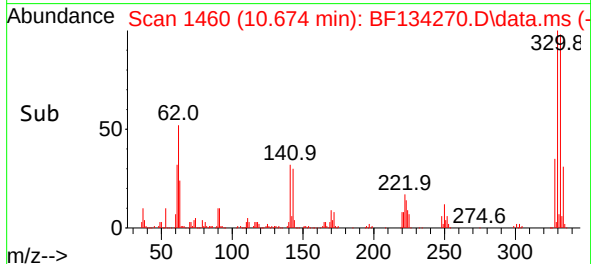
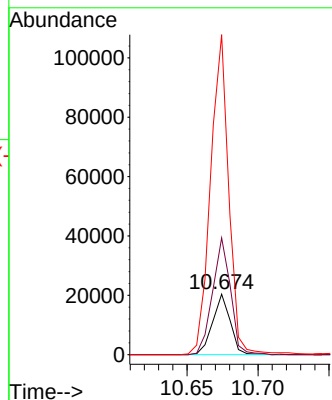
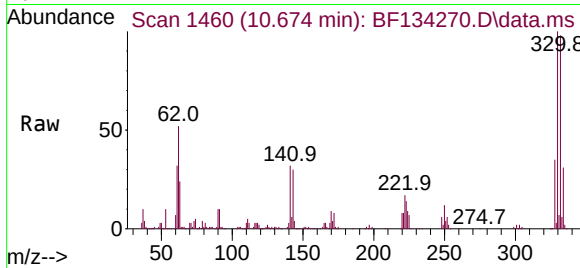




#67
4-Bromophenyl-phenylether
Concen: 6.318 ng
RT: 10.674 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134270.D
Acq: 13 Jul 2023 19:48

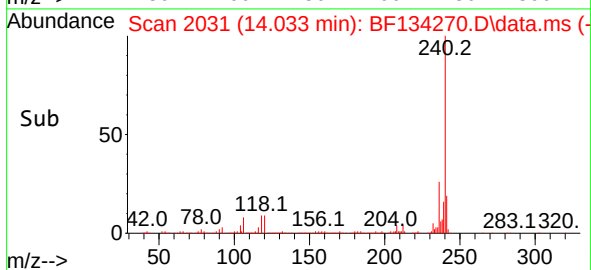
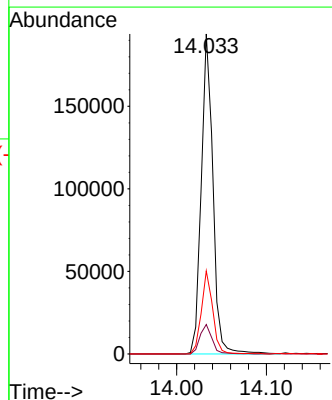
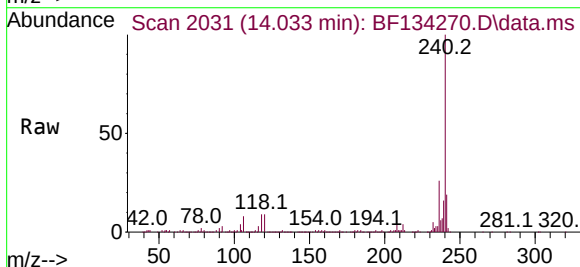
Instrument :
BNA_F
ClientSampleId :

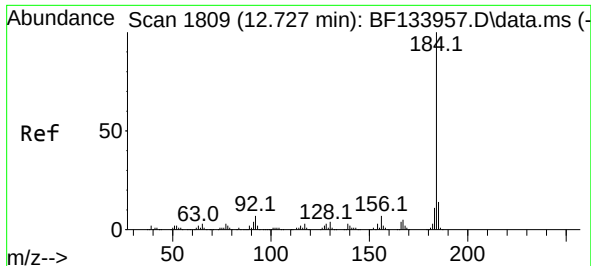
Tgt Ion:248 Resp: 17625
Ion Ratio Lower Upper
248 100
250 192.9 76.2 114.4#
141 528.5 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134270.D
Acq: 13 Jul 2023 19:48

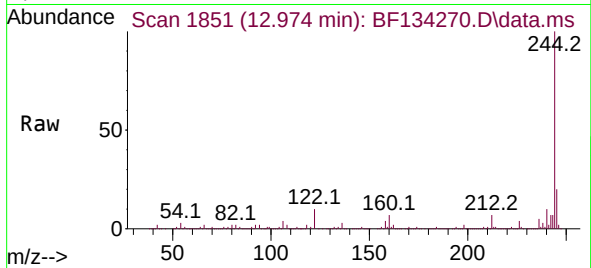
Tgt Ion:240 Resp: 175057
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 26.0 21.0 31.6



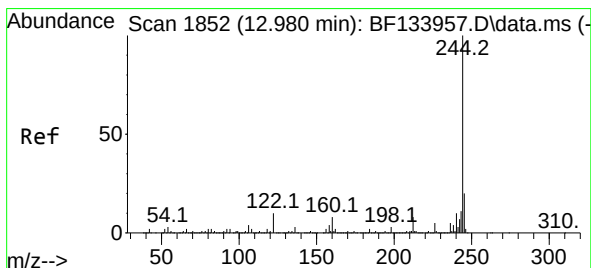
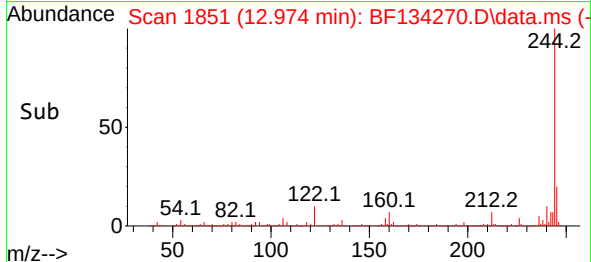
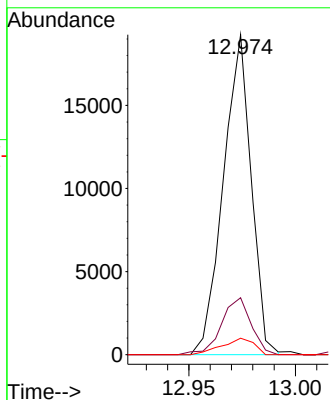


#77
Benzidine
Concen: 4.206 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF134270.D
Acq: 13 Jul 2023 19:48

Instrument :
BNA_F
ClientSampleId :

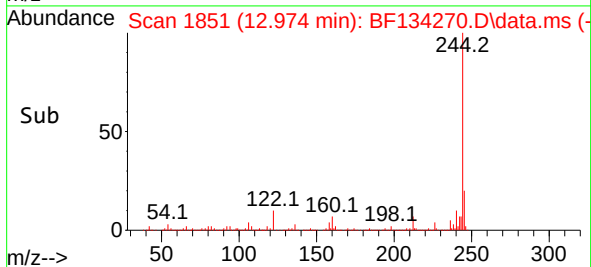
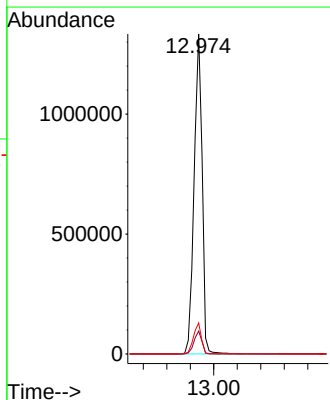
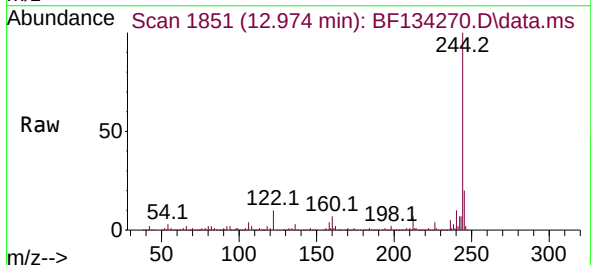


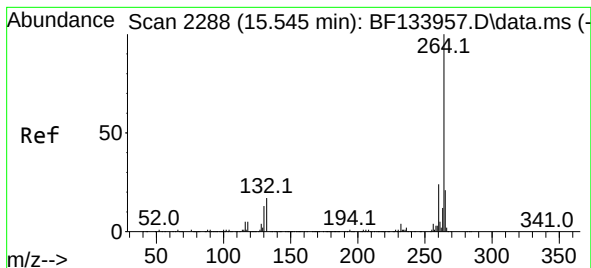
Tgt Ion:184 Resp: 17521
Ion Ratio Lower Upper
184 100
185 17.8 11.6 17.4#
183 5.2 8.8 13.2#



#79
Terphenyl-d14
Concen: 116.923 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF134270.D
Acq: 13 Jul 2023 19:48

Tgt Ion:244 Resp: 1271776
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.7 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

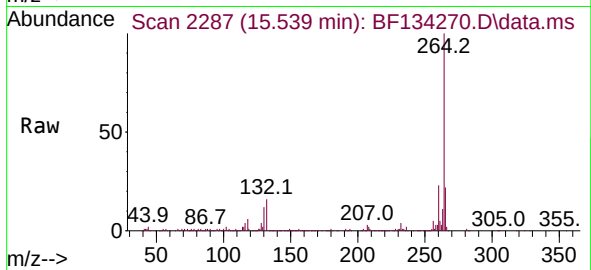
Lab File: BF134270.D

Acq: 13 Jul 2023 19:48

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 164439

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 21.7 16.6 25.0

