

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134221.D
 Acq On : 11 Jul 2023 19:42
 Operator : CG\JU
 Sample : 03510-16RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 01:55:38 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)

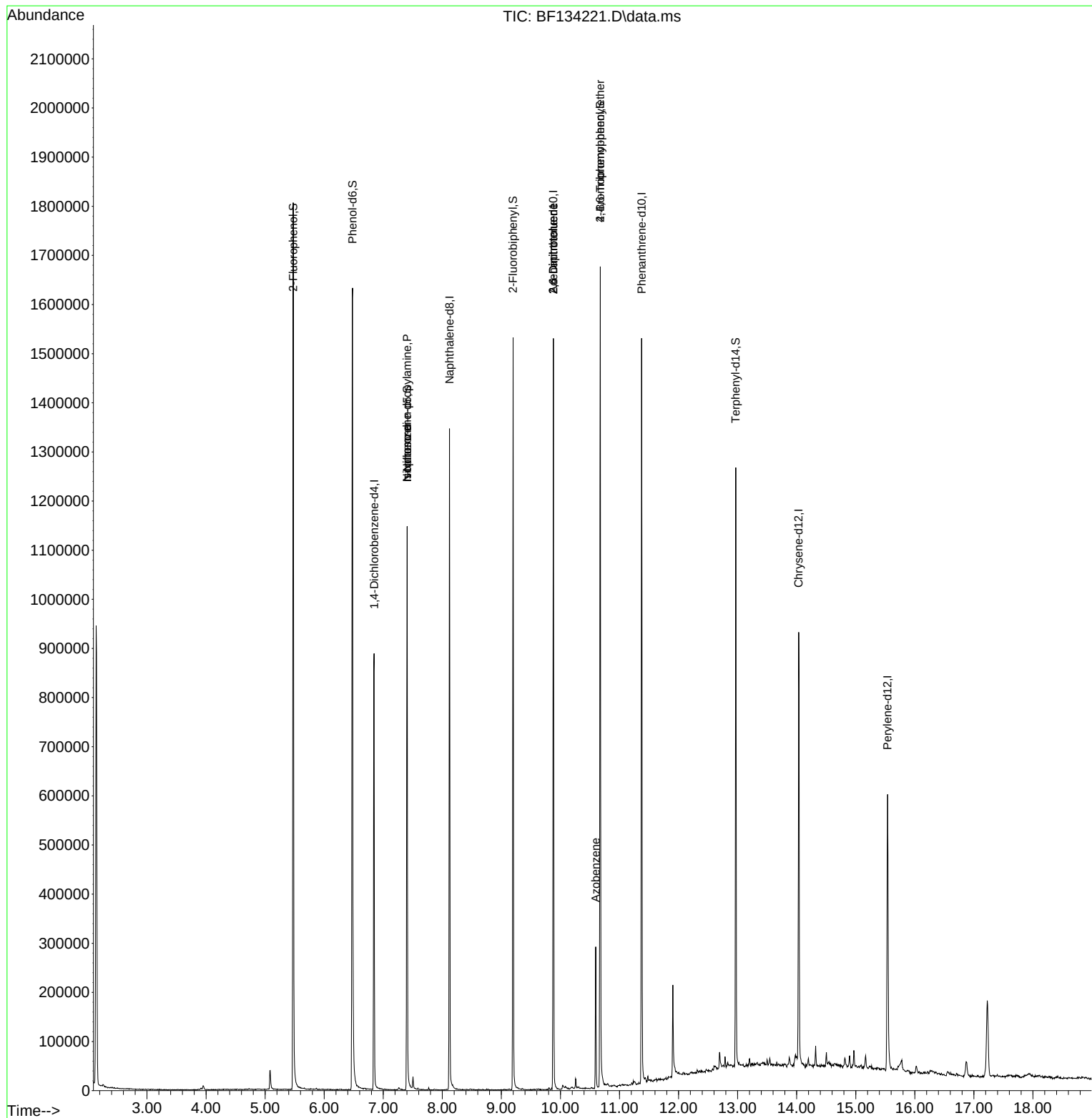
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	136746	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	528379	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	277183	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	555339	20.000	ng	0.00
76) Chrysene-d12	14.033	240	313018	20.000	ng	0.00
86) Perylene-d12	15.539	264	282303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	443586	54.262	ng	0.00
7) Phenol-d6	6.480	99	553800	55.086	ng	0.00
23) Nitrobenzene-d5	7.404	82	314439	32.079	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	198295	57.058	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	407707	21.385	ng	0.00
79) Terphenyl-d14	12.968	244	386528	19.874	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	1163	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	44035	6.907 ng	#	77
25) Isophorone	7.404	82	314439	17.651 ng	#	64
51) 2,6-Dinitrotoluene	9.880	165	35478	8.187 ng	#	23
57) 2,4-Dinitrotoluene	9.880	165	35478	6.199 ng	#	22
63) Azobenzene	10.598	77	47262	2.383 ng	#	1
67) 4-Bromophenyl-phenylether	10.674	248	12331	2.089 ng	#	1

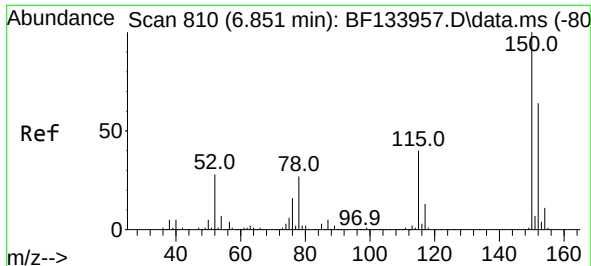
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
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Instrument :
BNA_F
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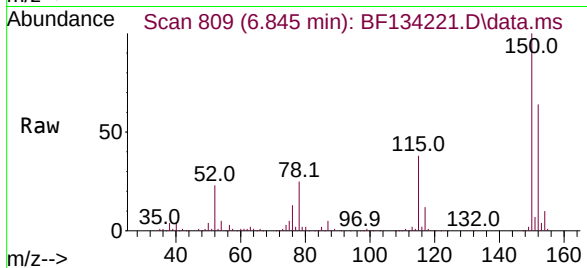
Quant Time: Jul 12 01:55:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



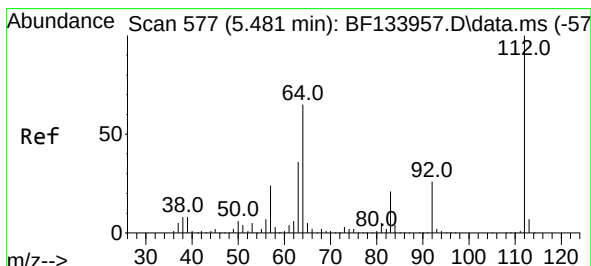
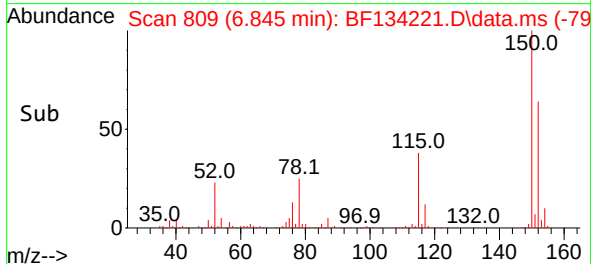
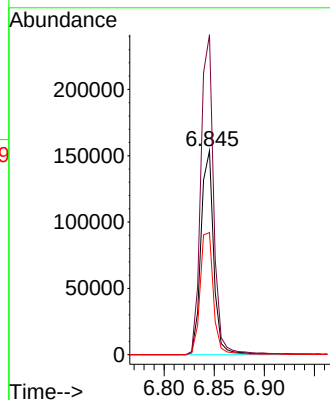


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134221.D
Acq: 11 Jul 2023 19:42

Instrument :
BNA_F
ClientSampleId :

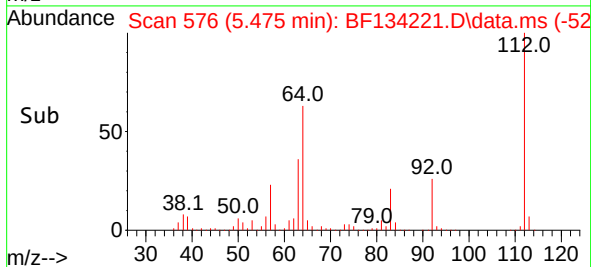
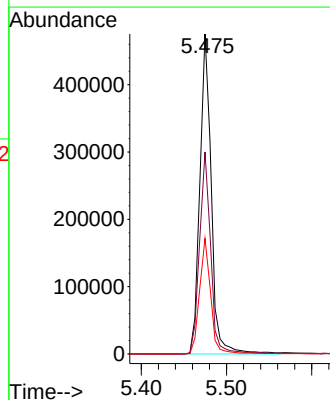
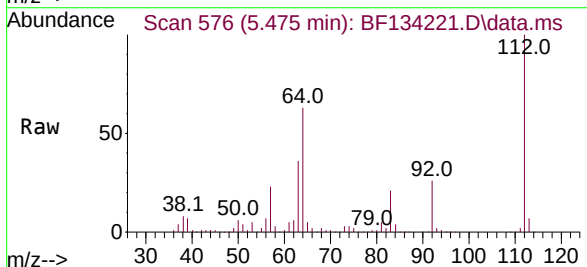


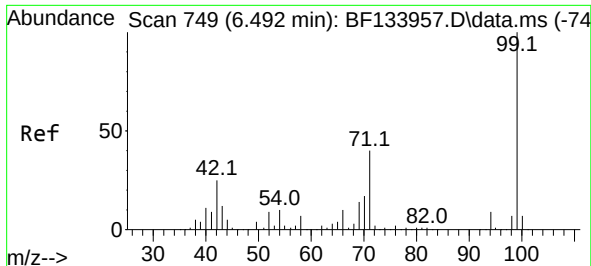
Tgt Ion:152 Resp: 136746
Ion Ratio Lower Upper
152 100
150 157.0 124.5 186.7
115 59.9 50.2 75.2



#5
2-Fluorophenol
Concen: 54.262 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.000 min
Lab File: BF134221.D
Acq: 11 Jul 2023 19:42

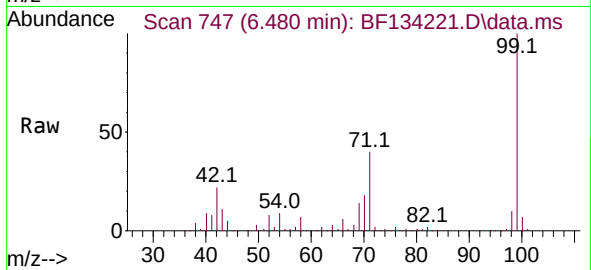
Tgt Ion:112 Resp: 443586
Ion Ratio Lower Upper
112 100
64 63.1 52.1 78.1
63 36.1 28.6 42.8



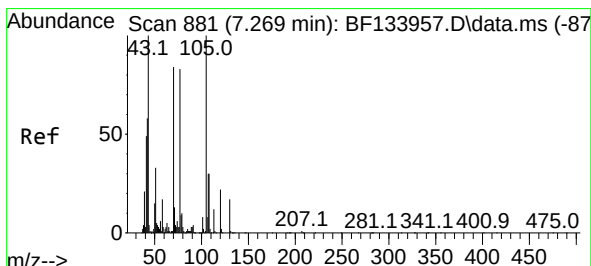
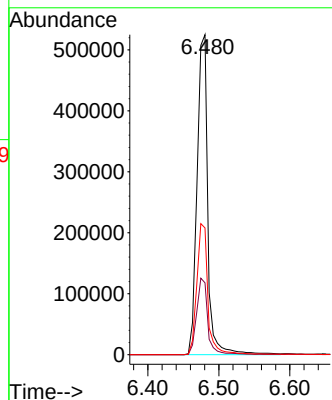
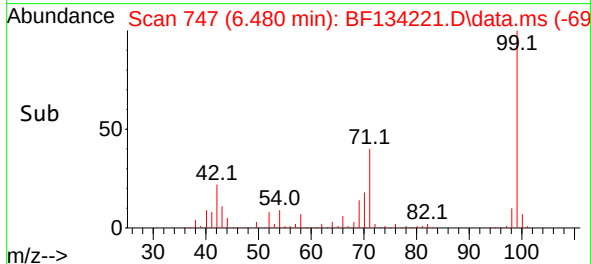


#7
Phenol-d6
Concen: 55.086 ng
RT: 6.480 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134221.D
Acq: 11 Jul 2023 19:42

Instrument :
BNA_F
ClientSampleId :

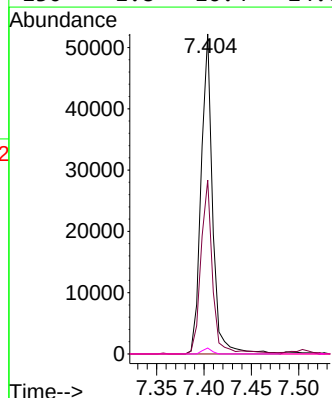
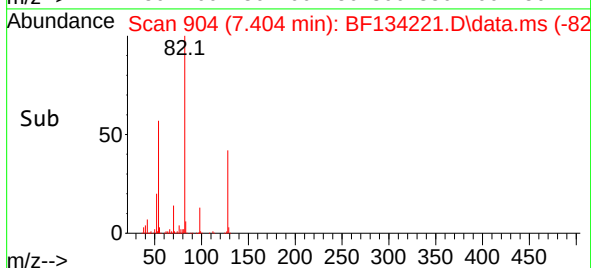
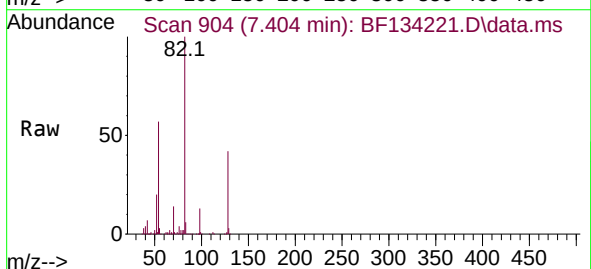


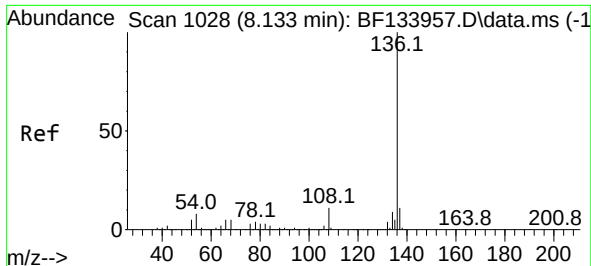
Tgt Ion: 99 Resp: 553800
Ion Ratio Lower Upper
99 100
42 22.4 19.8 29.6
71 39.6 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 6.907 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF134221.D
Acq: 11 Jul 2023 19:42

Tgt Ion: 70 Resp: 44035
Ion Ratio Lower Upper
70 100
42 54.4 54.7 82.1#
101 0.0 7.7 11.5#
130 1.8 16.4 24.6#

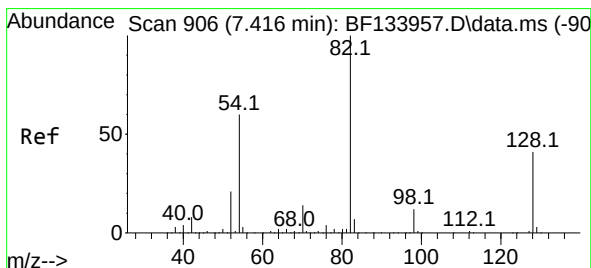
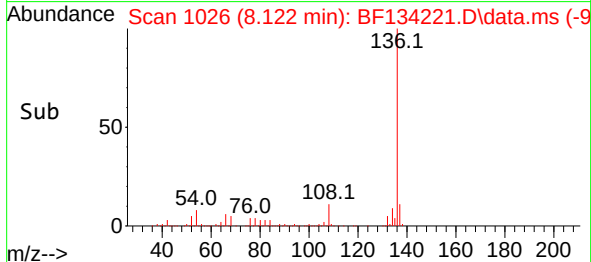
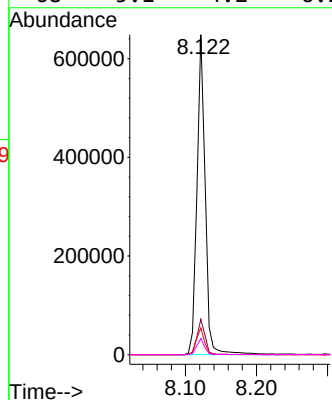
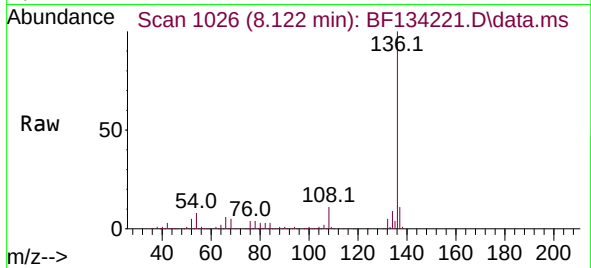




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134221.D
Acq: 11 Jul 2023 19:42

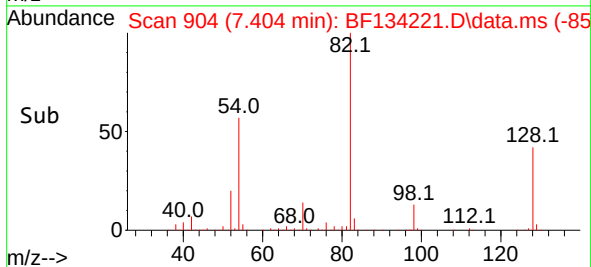
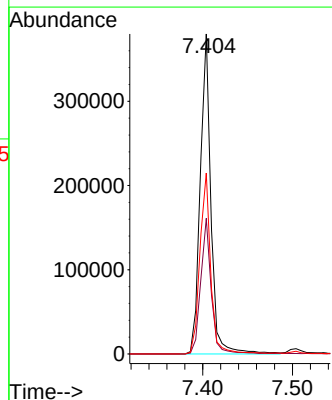
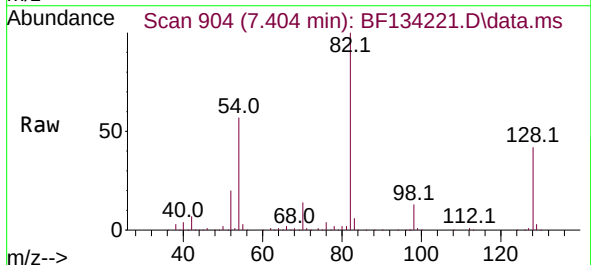
Instrument :
BNA_F
ClientSampleId :

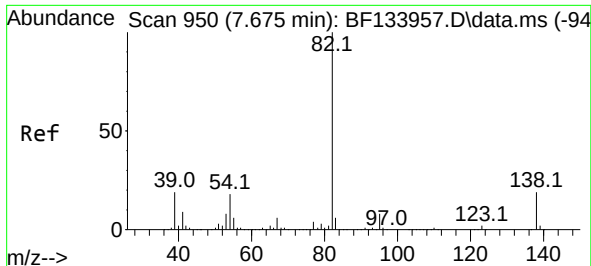
Tgt Ion:136 Resp: 528379
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.4 6.5 9.7
68 5.1 4.2 6.2



#23
Nitrobenzene-d5
Concen: 32.079 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134221.D
Acq: 11 Jul 2023 19:42

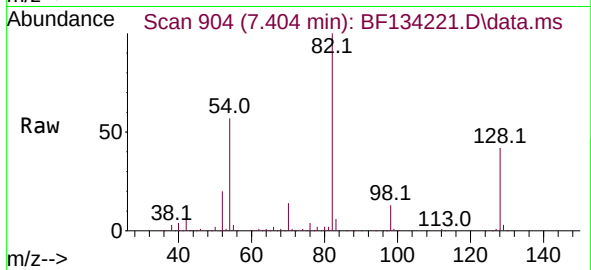
Tgt Ion: 82 Resp: 314439
Ion Ratio Lower Upper
82 100
128 42.4 32.5 48.7
54 56.6 48.2 72.2



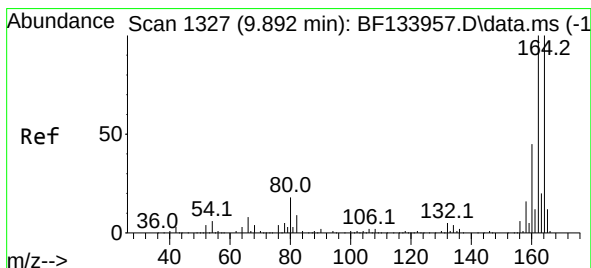
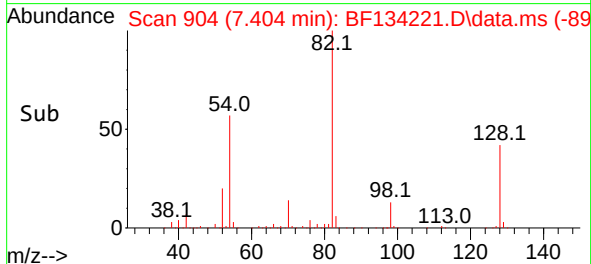
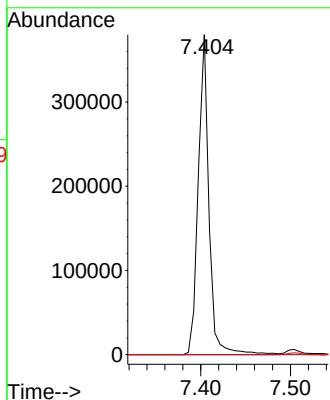


#25
Isophorone
Concen: 17.651 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134221.D
Acq: 11 Jul 2023 19:42

Instrument :
BNA_F
ClientSampleId :

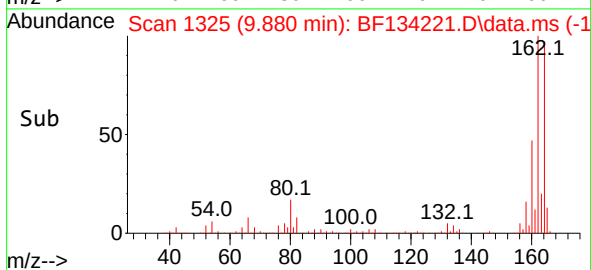
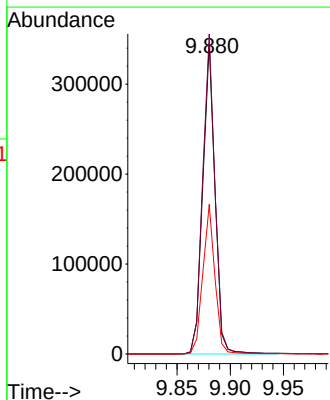
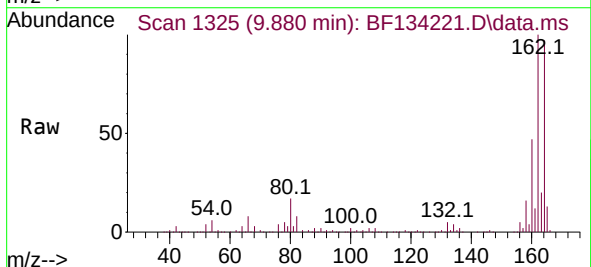


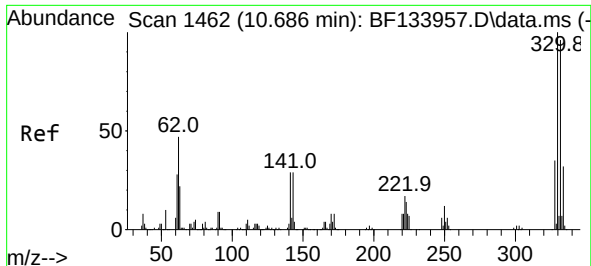
Tgt Ion: 82 Resp: 314439
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134221.D
Acq: 11 Jul 2023 19:42

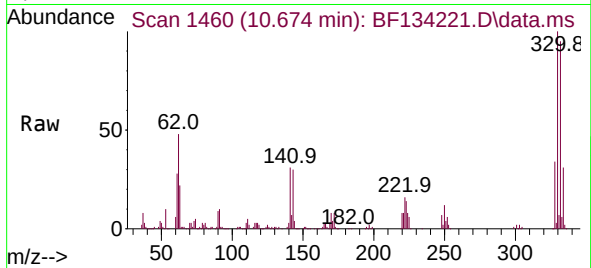
Tgt Ion: 164 Resp: 277183
Ion Ratio Lower Upper
164 100
162 103.0 80.0 120.0
160 48.2 35.9 53.9



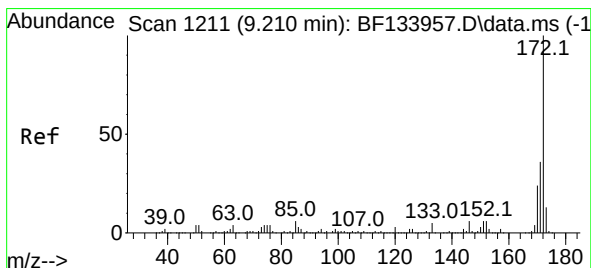
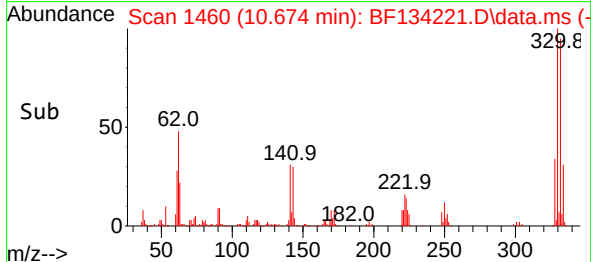
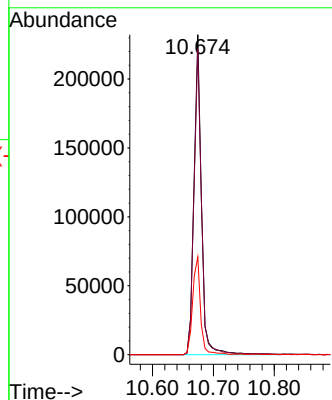


#42
2,4,6-Tribromophenol
Concen: 57.058 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134221.D
Acq: 11 Jul 2023 19:42

Instrument :
BNA_F
ClientSampleId :

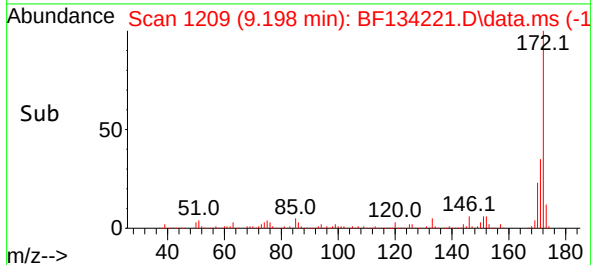
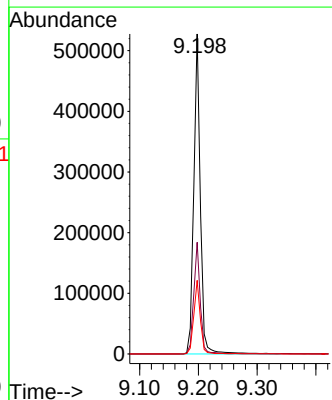
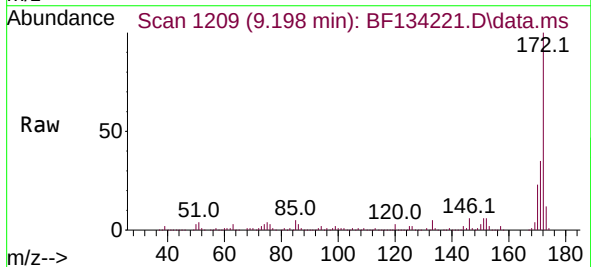


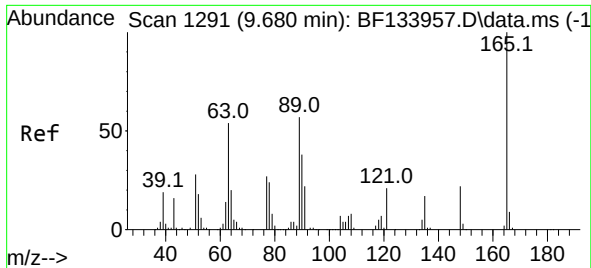
Tgt Ion:330 Resp: 198295
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 32.3 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 21.385 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134221.D
Acq: 11 Jul 2023 19:42

Tgt Ion:172 Resp: 407707
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.0 19.4 29.0

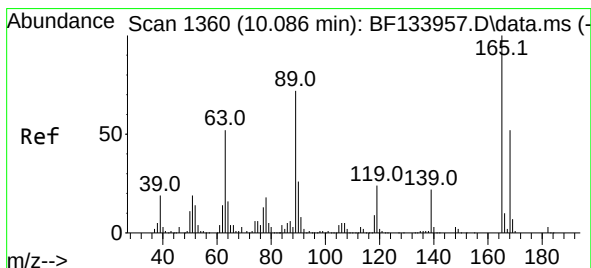
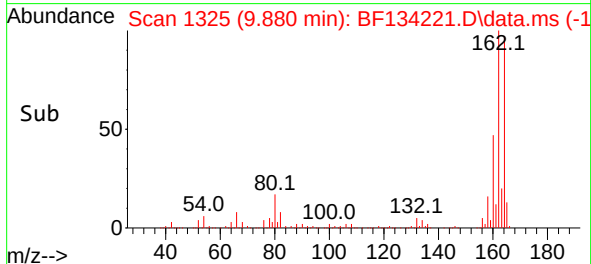
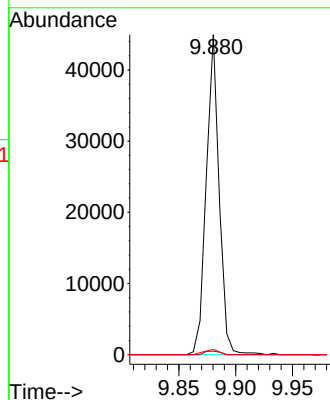
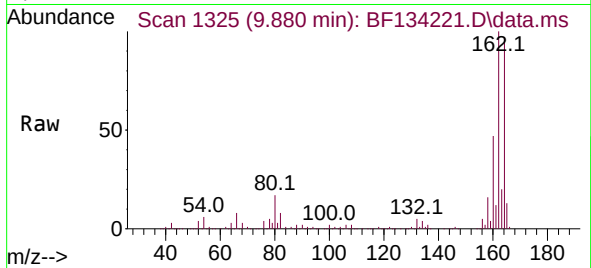




#51
2,6-Dinitrotoluene
Concen: 8.187 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134221.D
Acq: 11 Jul 2023 19:42

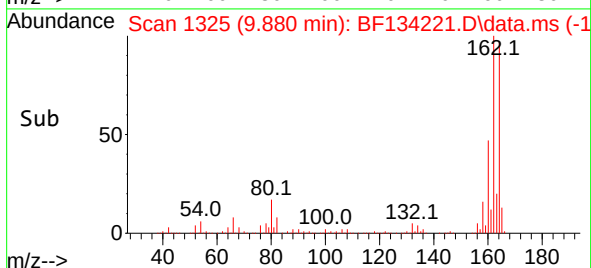
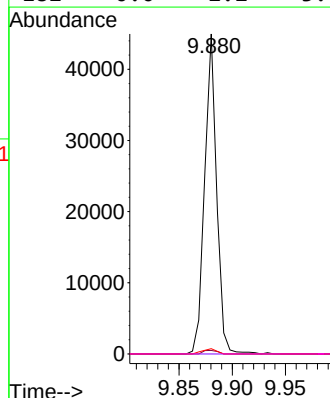
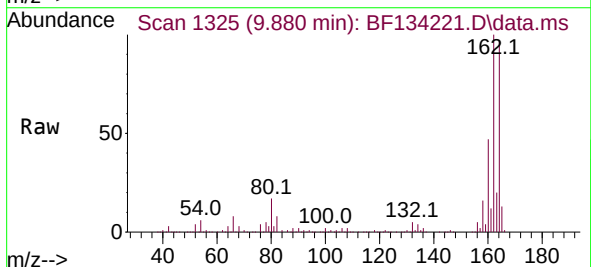
Instrument :
BNA_F
ClientSampleId :

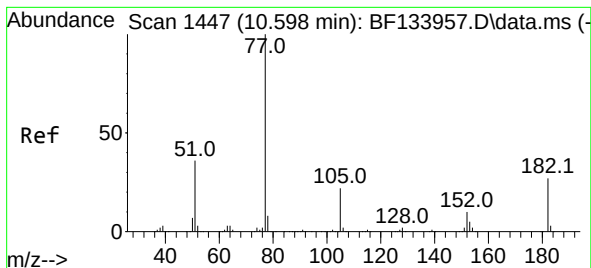
Tgt Ion:165 Resp: 35478
Ion Ratio Lower Upper
165 100
63 1.1 48.5 72.7#
89 1.7 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.199 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF134221.D
Acq: 11 Jul 2023 19:42

Tgt Ion:165 Resp: 35478
Ion Ratio Lower Upper
165 100
63 1.1 42.2 63.2#
89 1.7 57.4 86.2#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 2.383 ng

RT: 10.598 min Scan# 1447

Delta R.T. 0.006 min

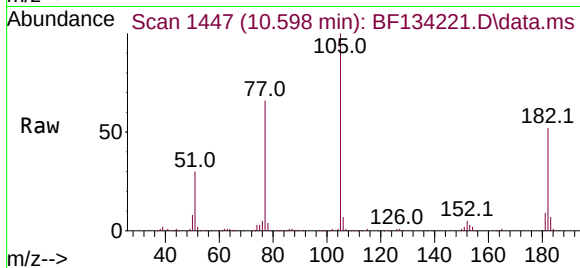
Lab File: BF134221.D

Acq: 11 Jul 2023 19:42

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 47262

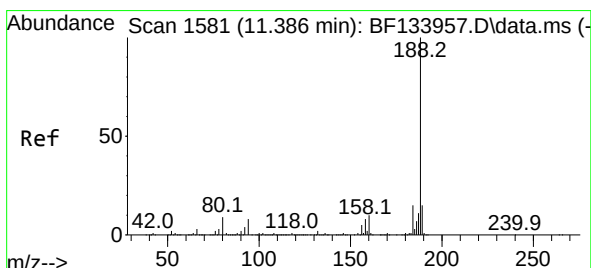
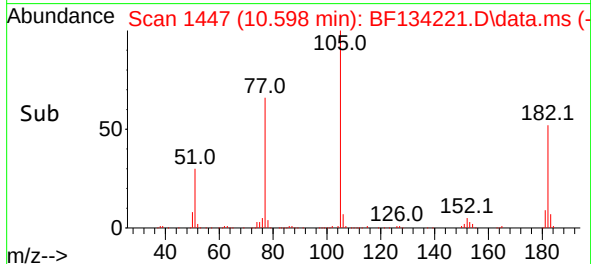
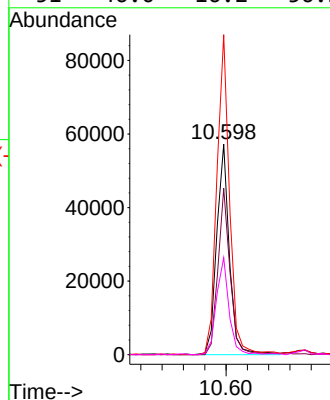
Ion Ratio Lower Upper

77 100

182 79.0 6.8 46.8#

105 152.0 2.3 42.3#

51 46.0 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: BF134221.D

Acq: 11 Jul 2023 19:42

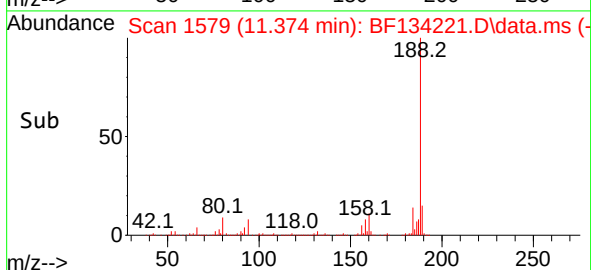
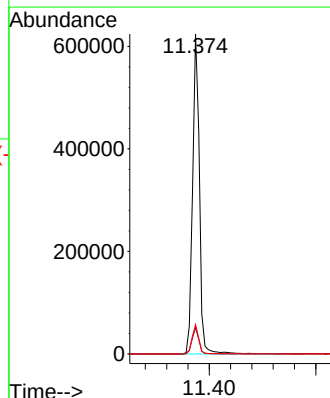
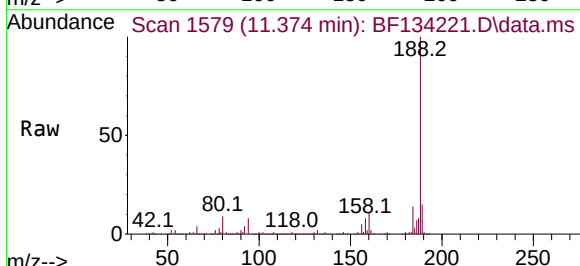
Tgt Ion: 188 Resp: 555339

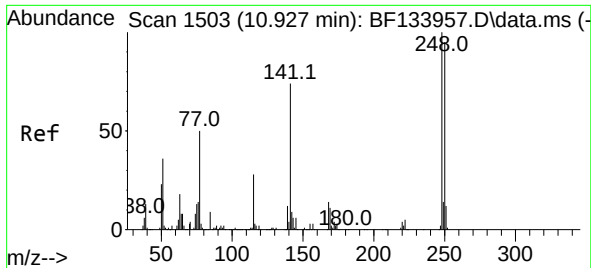
Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 9.2 7.3 10.9

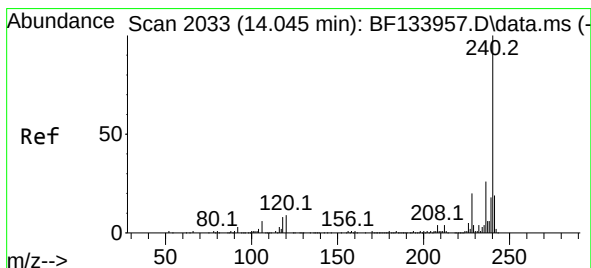
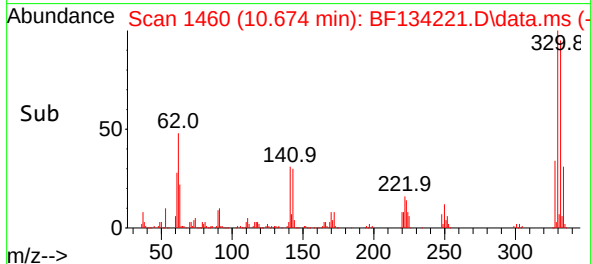
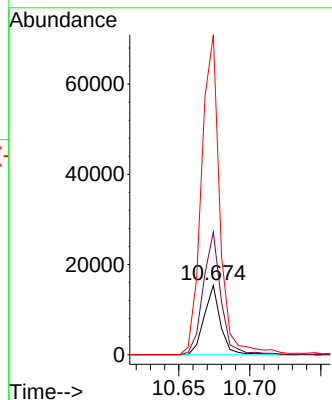
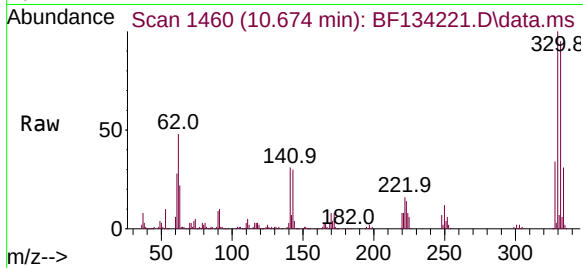




#67
4-Bromophenyl-phenylether
Concen: 2.089 ng
RT: 10.674 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134221.D
Acq: 11 Jul 2023 19:42

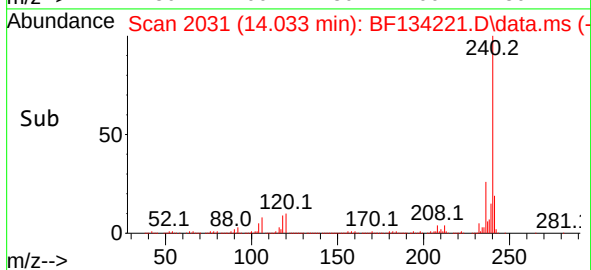
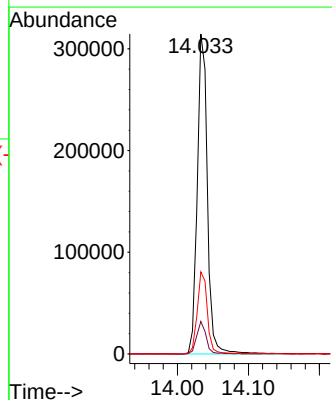
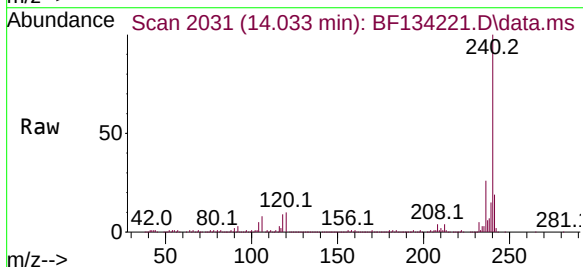
Instrument :
BNA_F
ClientSampleId :

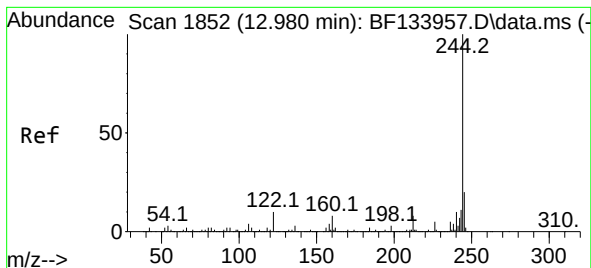
Tgt Ion:248 Resp: 12331
Ion Ratio Lower Upper
248 100
250 176.9 76.2 114.4#
141 461.7 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134221.D
Acq: 11 Jul 2023 19:42

Tgt Ion:240 Resp: 313018
Ion Ratio Lower Upper
240 100
120 10.2 7.4 11.0
236 25.7 21.0 31.6





#79

Terphenyl-d14

Concen: 19.874 ng

RT: 12.968 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134221.D

Acq: 11 Jul 2023 19:42

Instrument :

BNA_F

ClientSampleId :

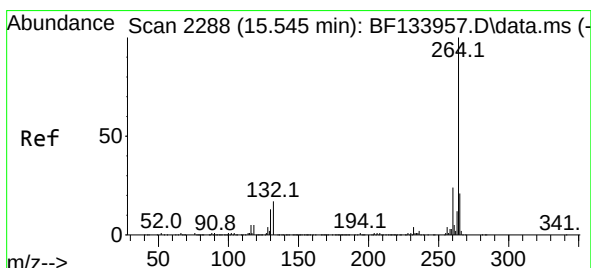
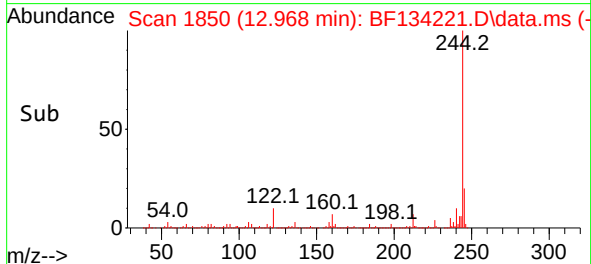
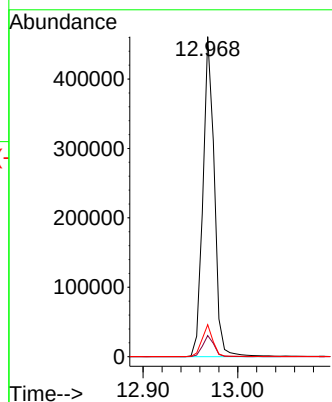
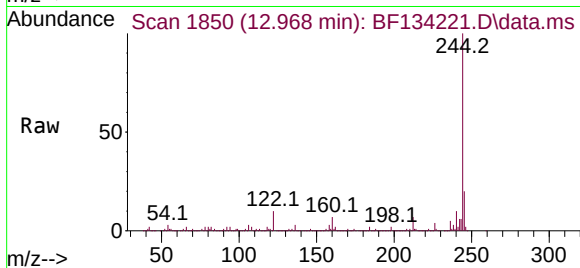
Tgt Ion:244 Resp: 386528

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

122 10.0 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

Delta R.T. -0.006 min

Lab File: BF134221.D

Acq: 11 Jul 2023 19:42

Tgt Ion:264 Resp: 282303

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 21.7 16.6 25.0

