

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134274.D
 Acq On : 13 Jul 2023 22:09
 Operator : CG\JU
 Sample : 03555-03RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 13 23:35:27 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)

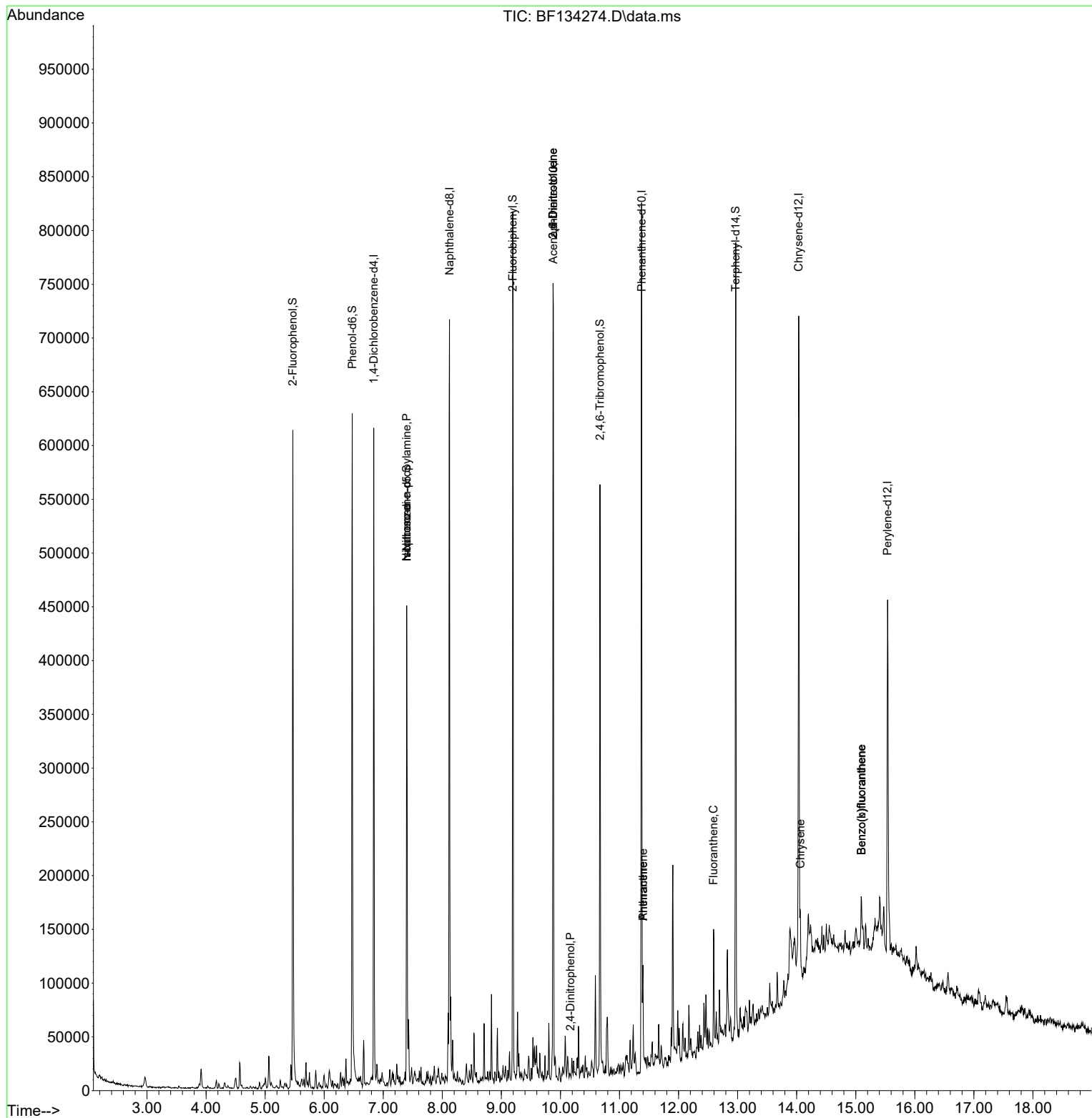
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	79571	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	303713	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	152301	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	291755	20.000	ng	0.00
76) Chrysene-d12	14.033	240	200828	20.000	ng	0.00
86) Perylene-d12	15.539	264	163056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	159703	33.573	ng	0.00
7) Phenol-d6	6.475	99	191304	32.702	ng	-0.01
23) Nitrobenzene-d5	7.398	82	125086	22.201	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	60914	31.900	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	233399	22.281	ng	-0.01
79) Terphenyl-d14	12.969	244	243276	19.496	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.398	77	1060	Below Cal	#	25
19) n-Nitroso-di-n-propyla...	7.398	70	19177	5.169	ng	# 73
25) Isophorone	7.398	82	125086	12.216	ng	# 64
51) 2,6-Dinitrotoluene	9.875	165	20360	8.550	ng	# 23
54) 2,4-Dinitrophenol	10.169	184	296	4.069	ng	# 15
57) 2,4-Dinitrotoluene	9.875	165	20360	6.474	ng	# 22
71) Phenanthrene	11.398	178	32944	2.243	ng	97
72) Anthracene	11.398	178	32944	2.156	ng	98
75) Fluoranthene	12.592	202	37275	2.348	ng	99
83) Chrysene	14.063	228	27909	2.069	ng	# 94
88) Benzo(b)fluoranthene	15.098	252	35347	3.687	ng	# 95
89) Benzo(k)fluoranthene	15.098	252	35347	3.621	ng	94

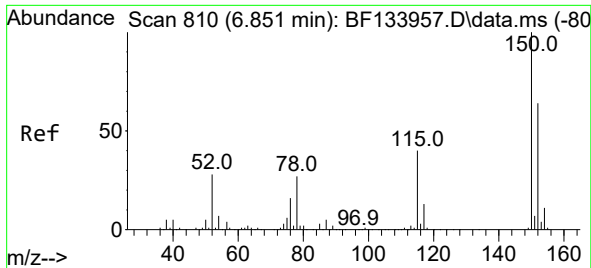
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
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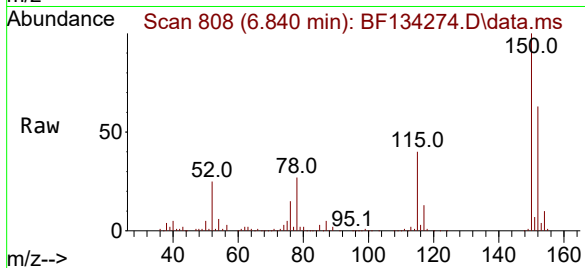
Quant Time: Jul 13 23:35:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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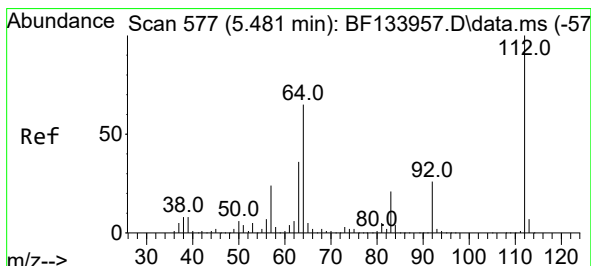
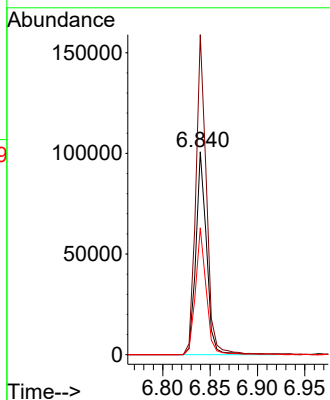
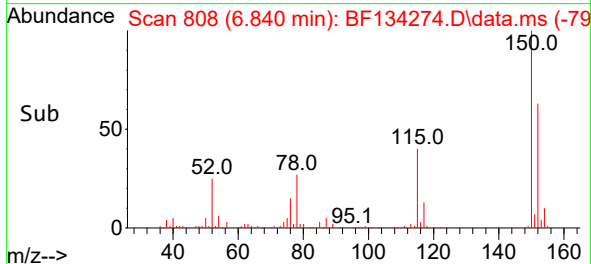


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

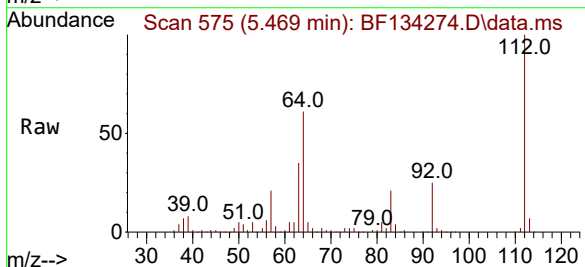
Instrument :
BNA_G
ClientSampleId :



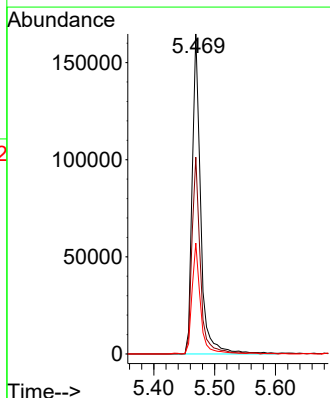
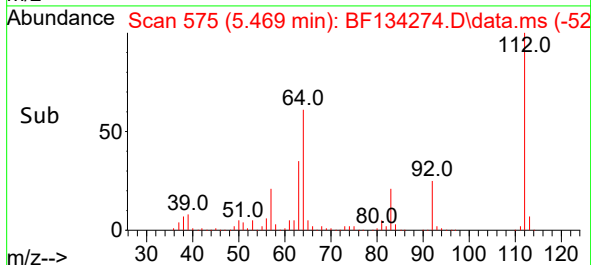
Tgt Ion:152 Resp: 79571
Ion Ratio Lower Upper
152 100
150 157.7 124.5 186.7
115 62.5 50.2 75.2

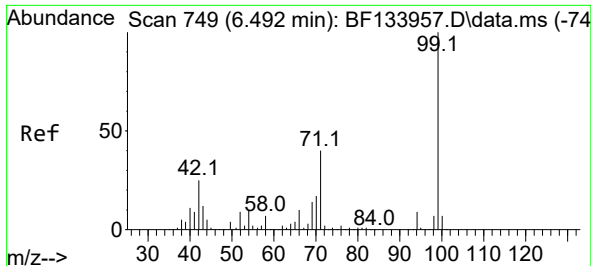


#5
2-Fluorophenol
Concen: 33.573 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09



Tgt Ion:112 Resp: 159703
Ion Ratio Lower Upper
112 100
64 61.5 52.1 78.1
63 34.7 28.6 42.8

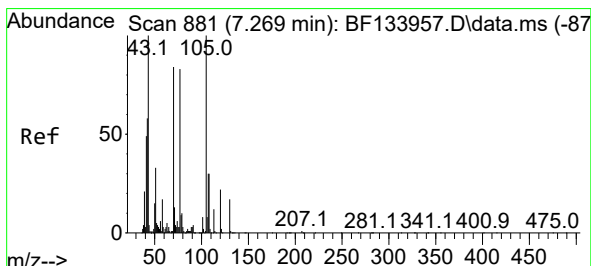
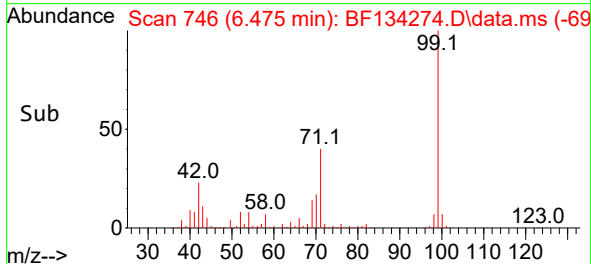
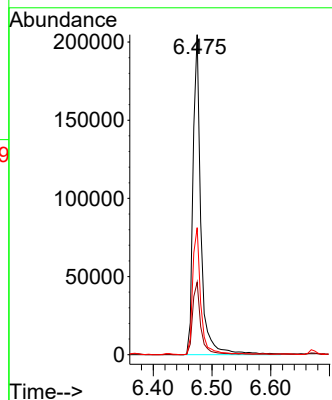
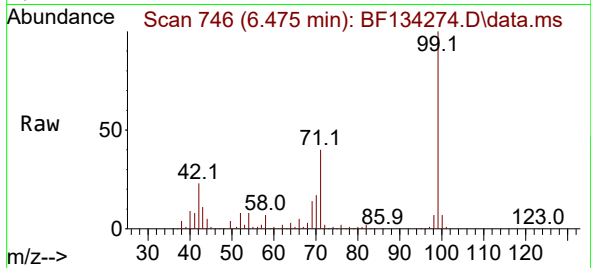




#7
Phenol-d6
Concen: 32.702 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

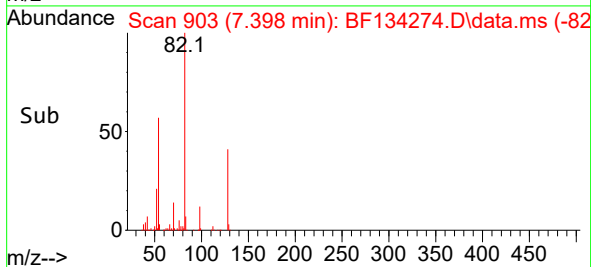
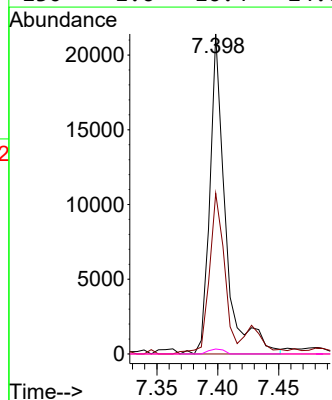
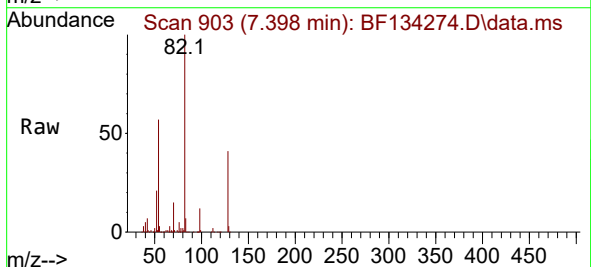
Instrument :
BNA_G
ClientSampleId :

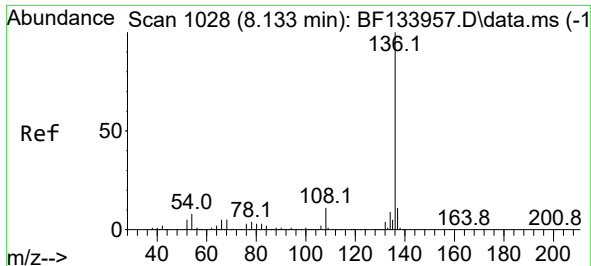
Tgt Ion: 99 Resp: 191304
Ion Ratio Lower Upper
99 100
42 22.6 19.8 29.6
71 39.7 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 5.169 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

Tgt Ion: 70 Resp: 19177
Ion Ratio Lower Upper
70 100
42 50.2 54.7 82.1#
101 0.0 7.7 11.5#
130 1.6 16.4 24.6#

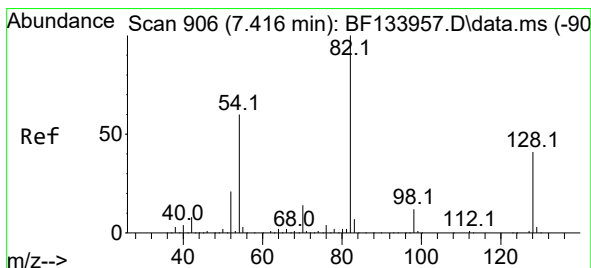
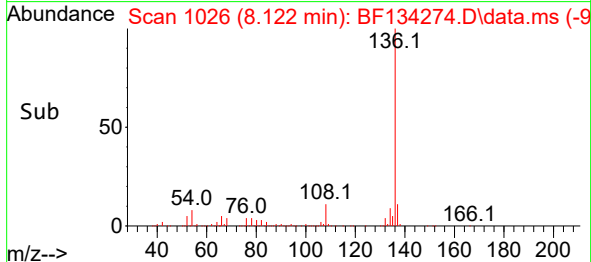
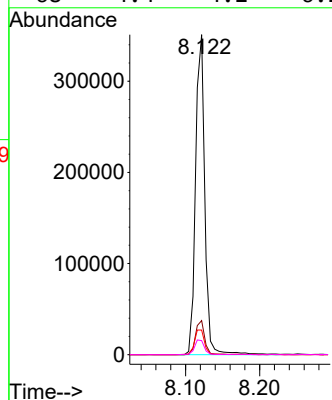
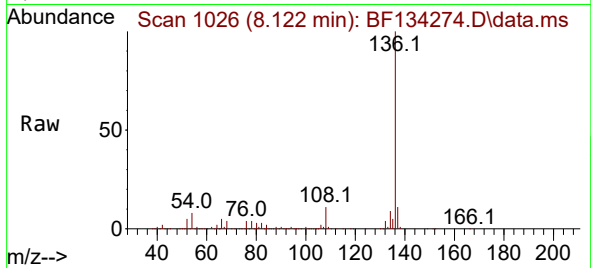




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

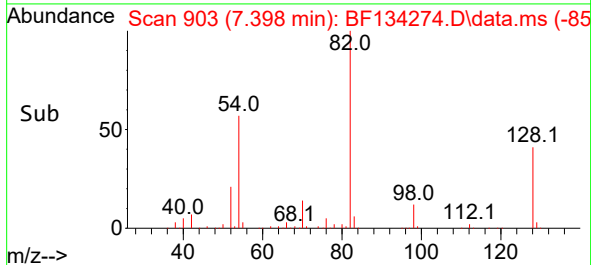
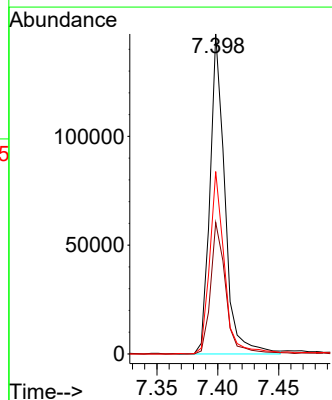
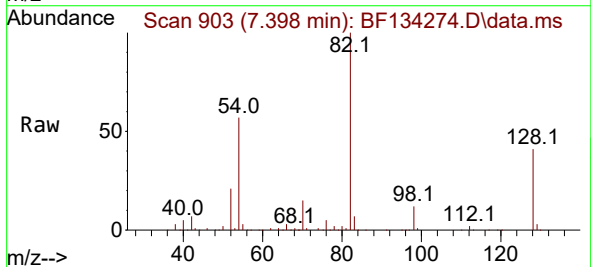
Instrument :
BNA_G
ClientSampleId :

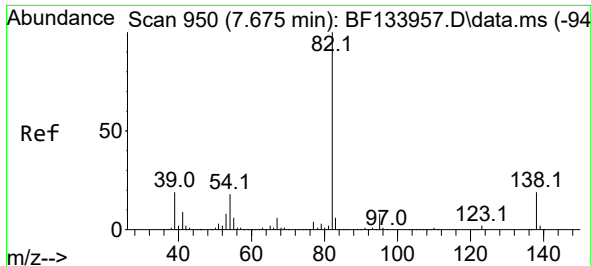
Tgt Ion:136 Resp: 303713
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.7 6.5 9.7
68 4.4 4.2 6.2



#23
Nitrobenzene-d5
Concen: 22.201 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

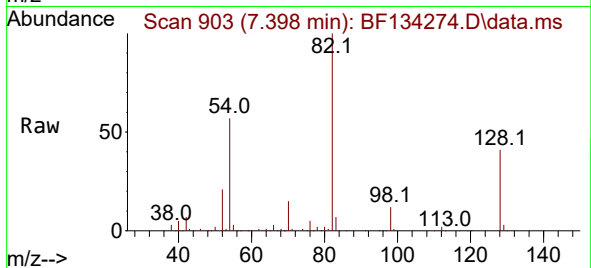
Tgt Ion: 82 Resp: 125086
Ion Ratio Lower Upper
82 100
128 41.1 32.5 48.7
54 57.0 48.2 72.2



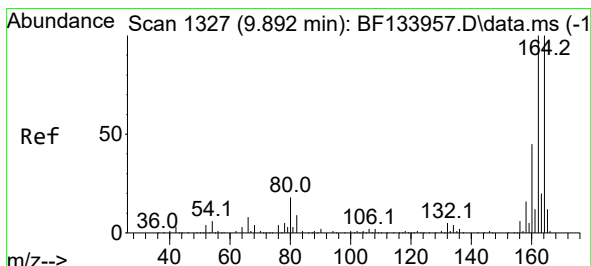
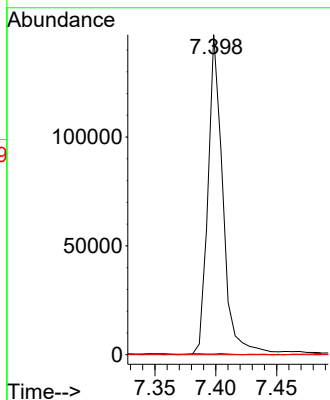
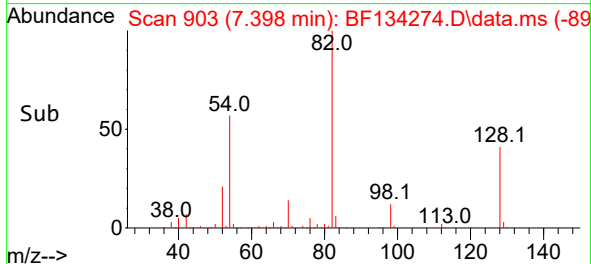


#25
Isophorone
Concen: 12.216 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

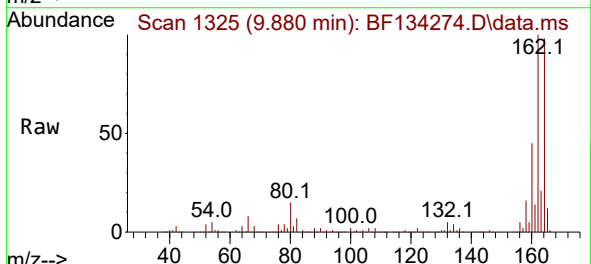
Instrument :
BNA_G
ClientSampleId :



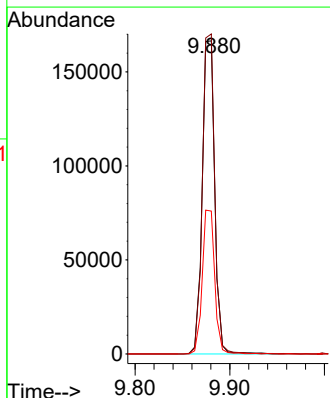
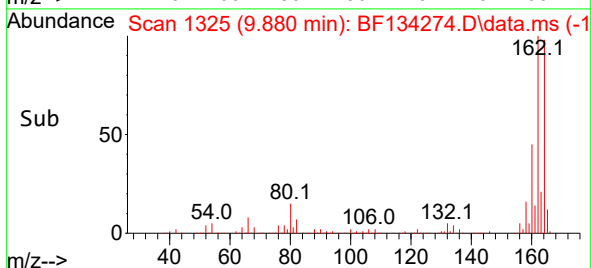
Tgt Ion: 82 Resp: 125086
Ion Ratio Lower Upper
82 100
95 0.2 6.1 9.1#
138 0.0 15.2 22.8#

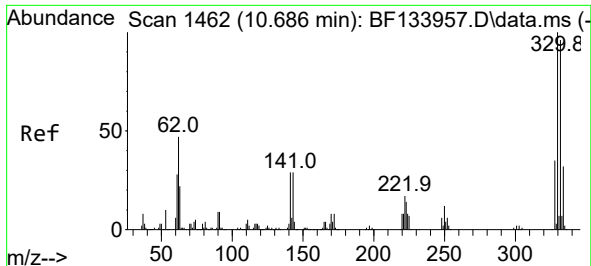


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09



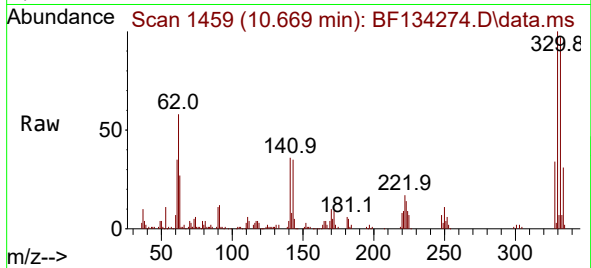
Tgt Ion:164 Resp: 152301
Ion Ratio Lower Upper
164 100
162 102.2 80.0 120.0
160 45.7 35.9 53.9



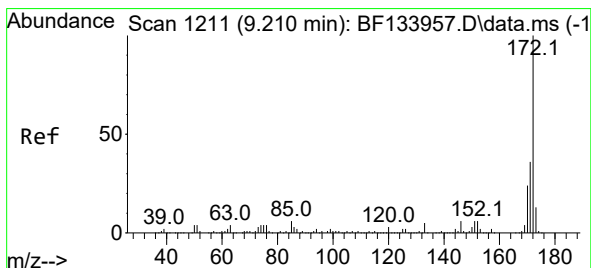
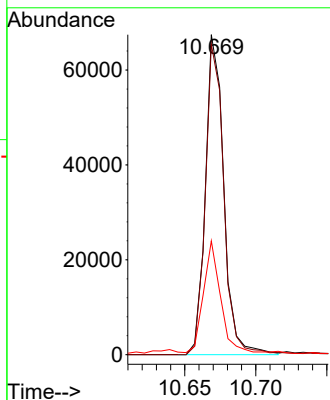
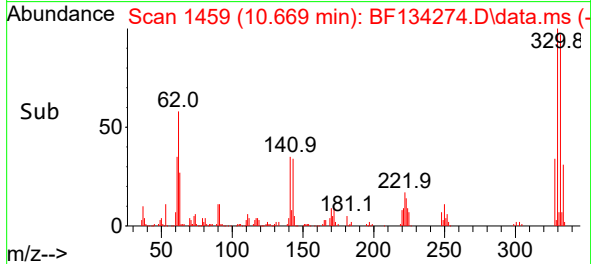


#42
2,4,6-Tribromophenol
Concen: 31.900 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

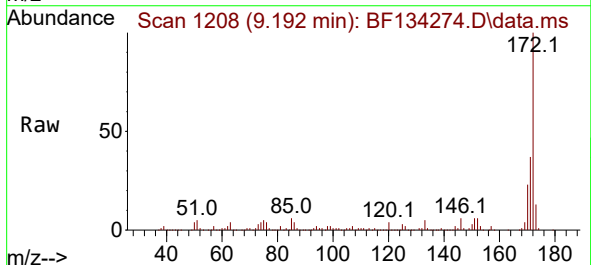
Instrument :
BNA_G
ClientSampleId :



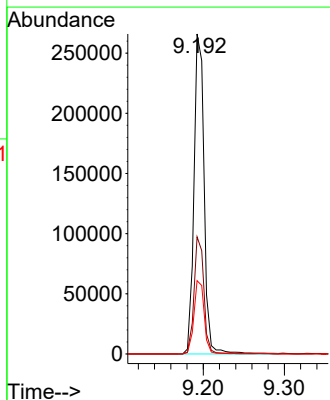
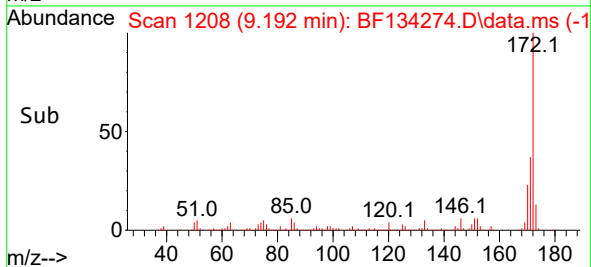
Tgt Ion:330 Resp: 60914
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 31.9 26.3 39.5

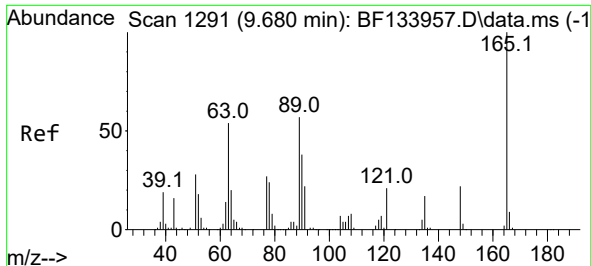


#45
2-Fluorobiphenyl
Concen: 22.281 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09



Tgt Ion:172 Resp: 233399
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 22.9 19.4 29.0

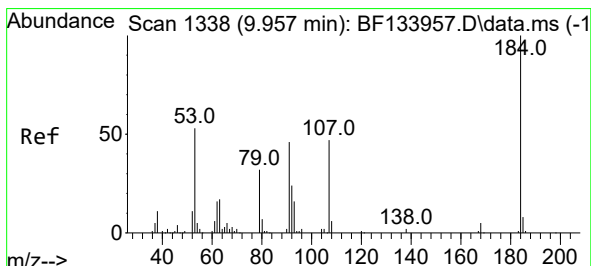
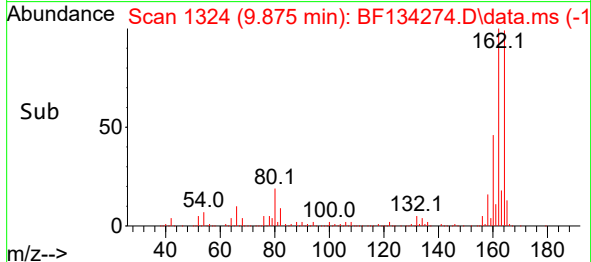
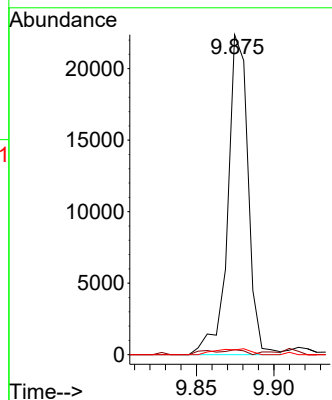
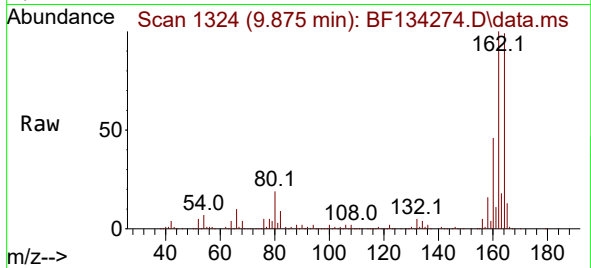




#51
2,6-Dinitrotoluene
Concen: 8.550 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

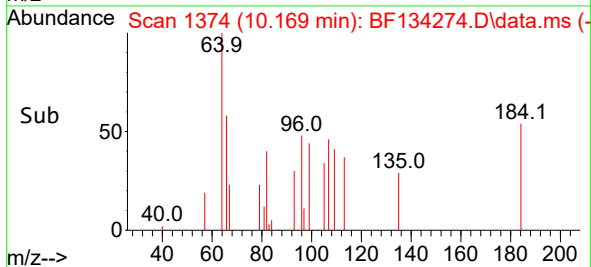
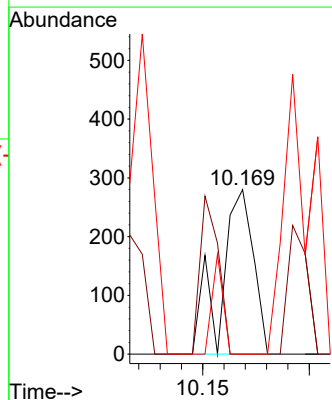
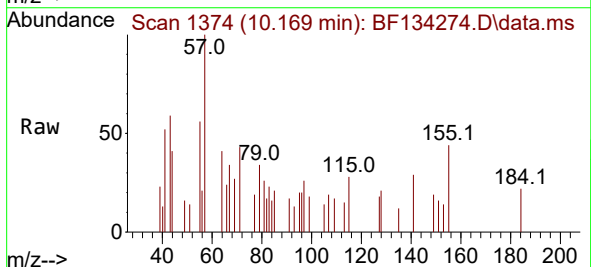
Instrument :
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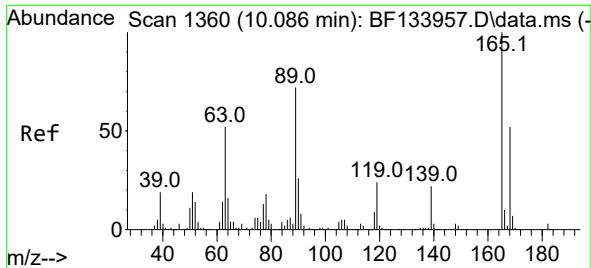
Tgt Ion:165 Resp: 20360
Ion Ratio Lower Upper
165 100
63 1.6 48.5 72.7#
89 1.5 45.5 68.3#



#54
2,4-Dinitrophenol
Concen: 4.069 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.212 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

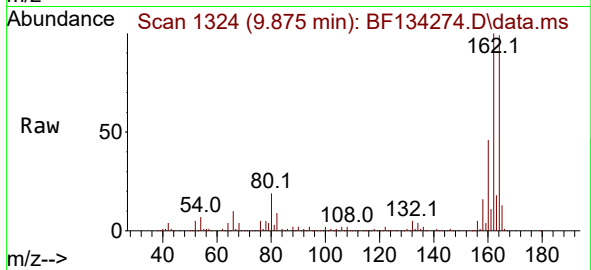
Tgt Ion:184 Resp: 296
Ion Ratio Lower Upper
184 100
63 0.0 56.9 85.3#
154 0.0 55.4 83.0#



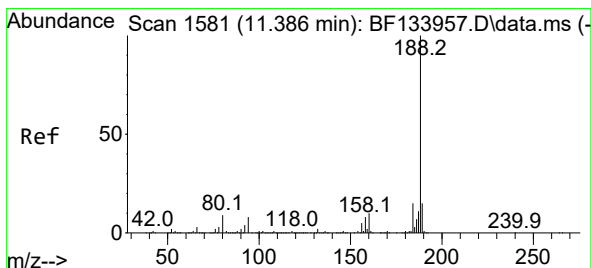
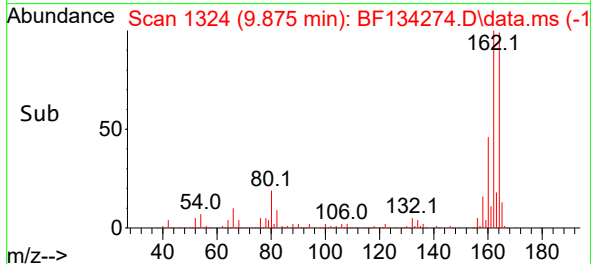
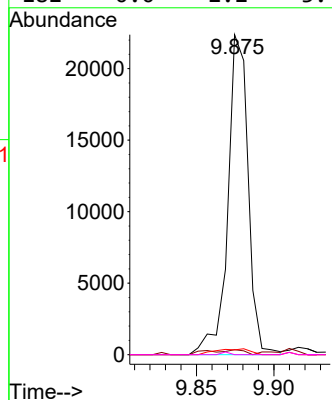


#57
2,4-Dinitrotoluene
Concen: 6.474 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

Instrument :
BNA_G
ClientSampleId :

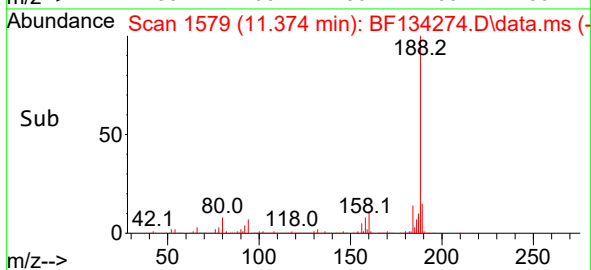
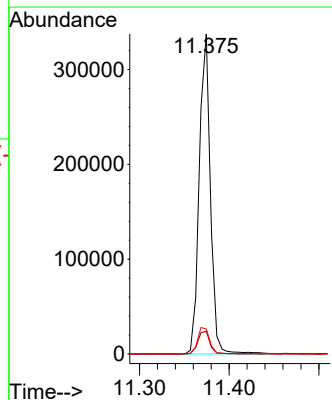
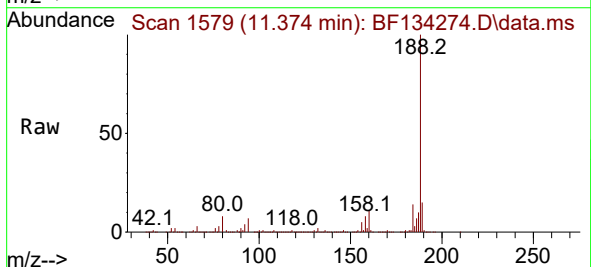


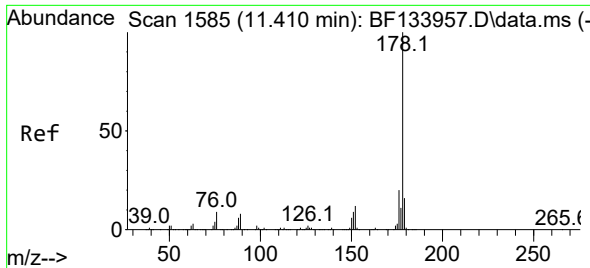
Tgt Ion:165 Resp: 20360
Ion Ratio Lower Upper
165 100
63 1.6 42.2 63.2#
89 1.5 57.4 86.2#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

Tgt Ion:188 Resp: 291755
Ion Ratio Lower Upper
188 100
94 7.1 6.4 9.6
80 7.8 7.3 10.9

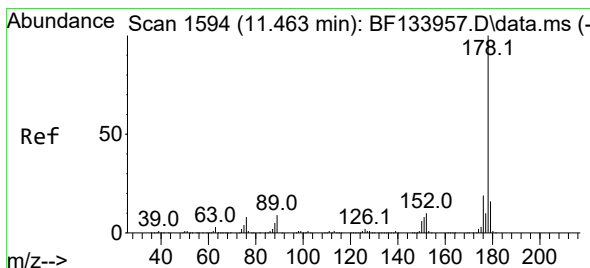
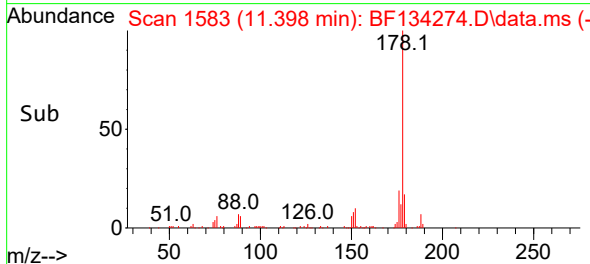
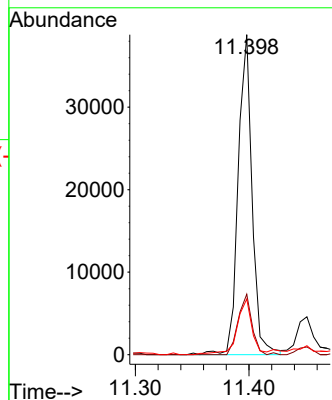
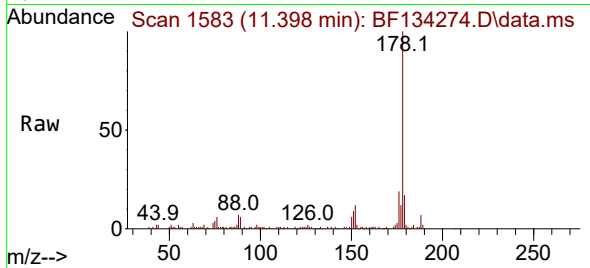




#71
Phenanthrene
Concen: 2.243 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

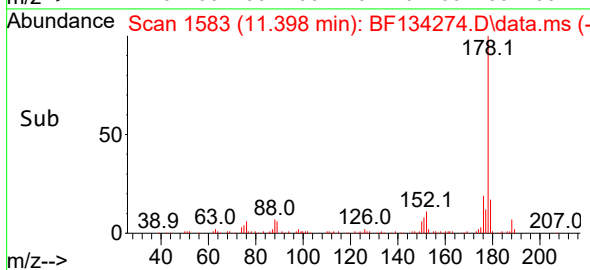
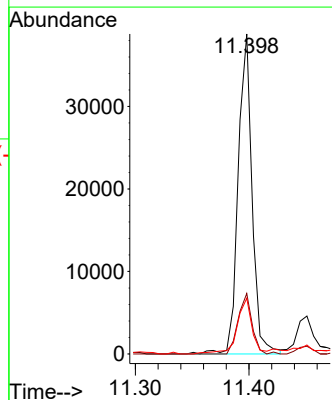
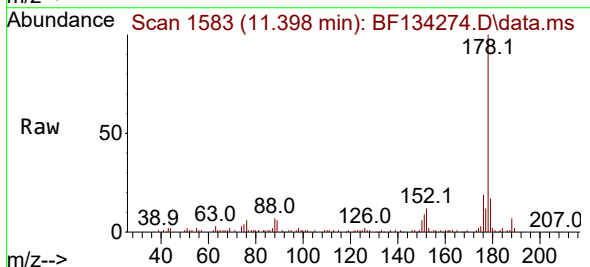
Instrument :
BNA_G
ClientSampleId :

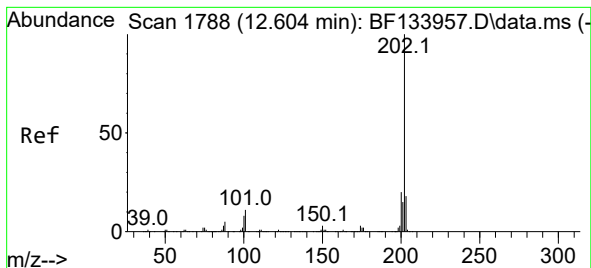
Tgt Ion:178 Resp: 32944
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 17.4 12.4 18.6



#72
Anthracene
Concen: 2.156 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.059 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

Tgt Ion:178 Resp: 32944
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 17.4 12.4 18.6





#75

Fluoranthene

Concen: 2.348 ng

RT: 12.592 min Scan# 1

Delta R.T. -0.012 min

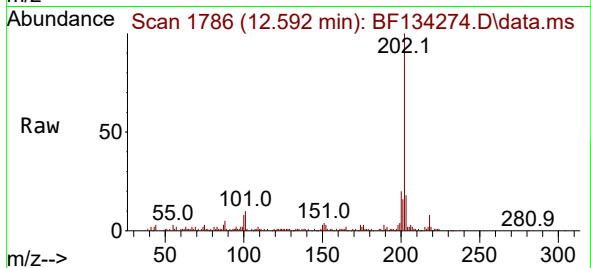
Lab File: BF134274.D

Acq: 13 Jul 2023 22:09

Instrument :

BNA_G

ClientSampleId :



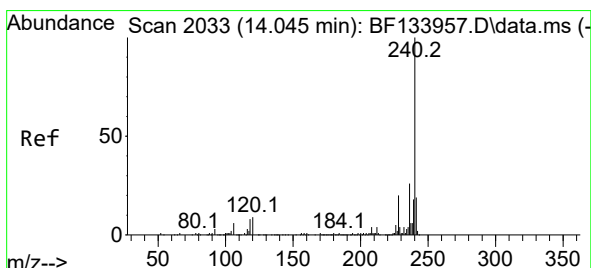
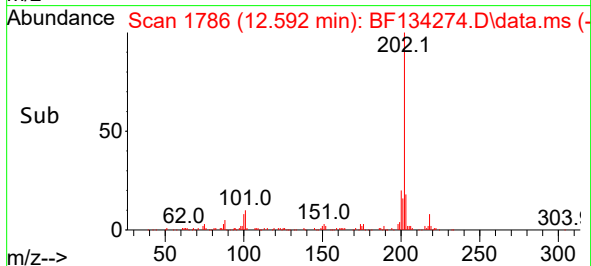
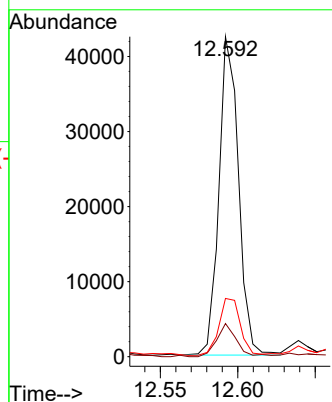
Tgt Ion:202 Resp: 37275

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.0

203 18.2 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134274.D

Acq: 13 Jul 2023 22:09

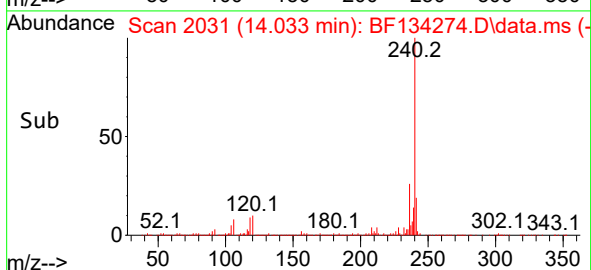
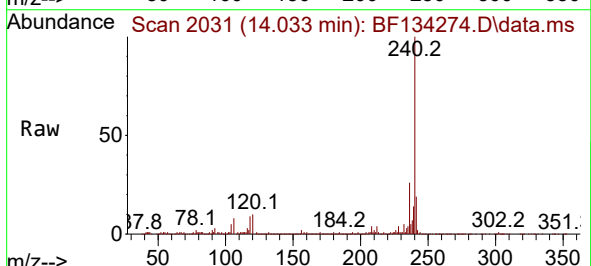
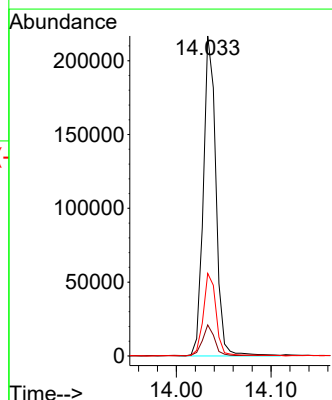
Tgt Ion:240 Resp: 200828

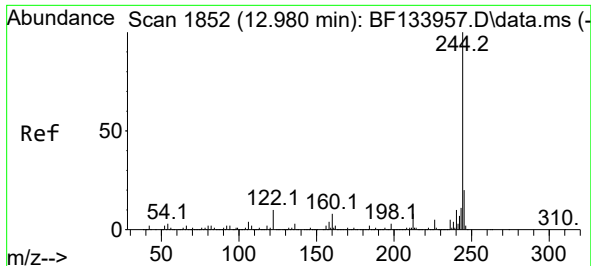
Ion Ratio Lower Upper

240 100

120 9.7 7.4 11.0

236 25.8 21.0 31.6

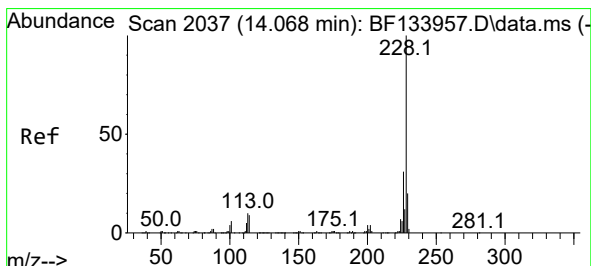
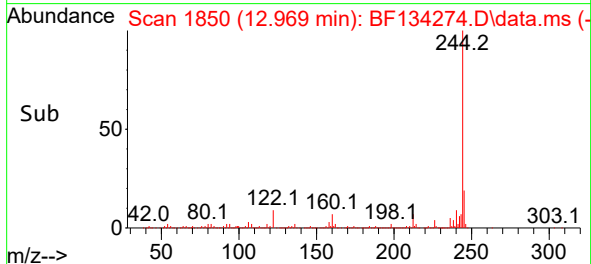
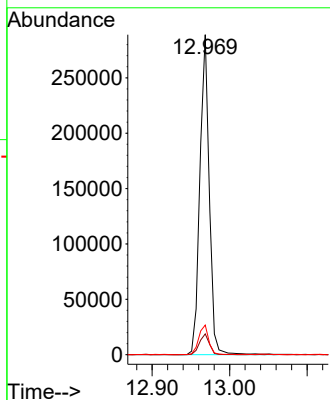
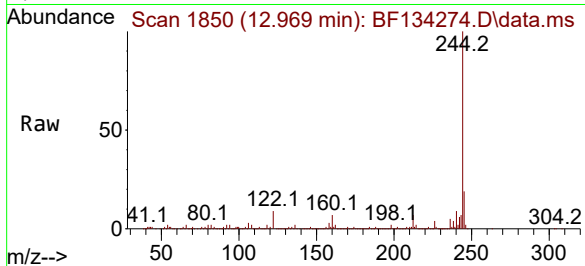




#79
 Terphenyl-d14
 Concen: 19.496 ng
 RT: 12.969 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134274.D
 Acq: 13 Jul 2023 22:09

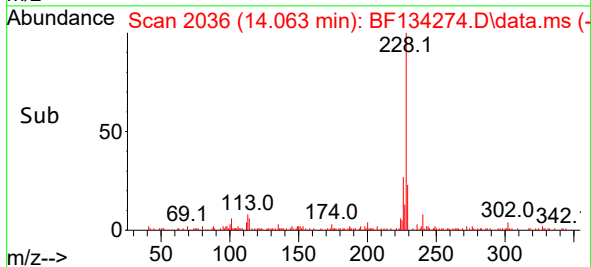
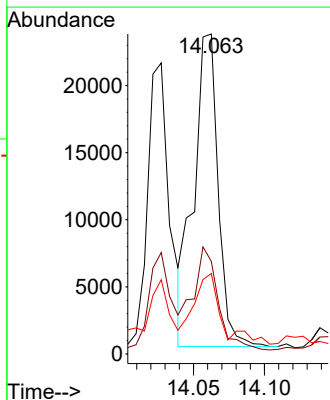
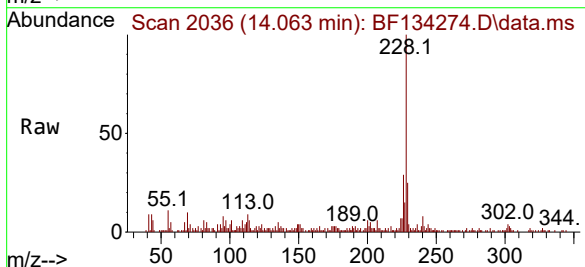
Instrument :
 BNA_G
 ClientSampleId :

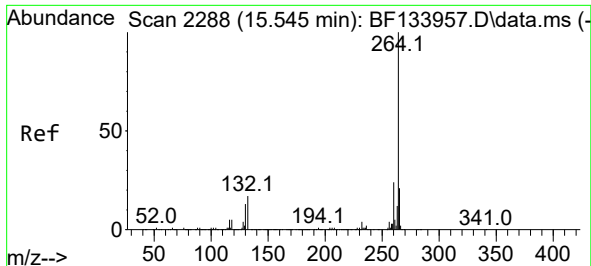
Tgt Ion:244 Resp: 243276
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 9.3 8.3 12.5



#83
 Chrysene
 Concen: 2.069 ng
 RT: 14.063 min Scan# 2036
 Delta R.T. -0.006 min
 Lab File: BF134274.D
 Acq: 13 Jul 2023 22:09

Tgt Ion:228 Resp: 27909
 Ion Ratio Lower Upper
 228 100
 226 29.0 24.4 36.6
 229 25.2 16.1 24.1#

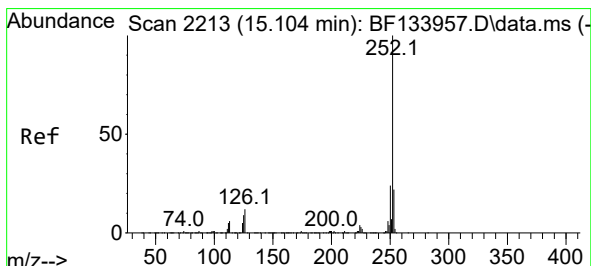
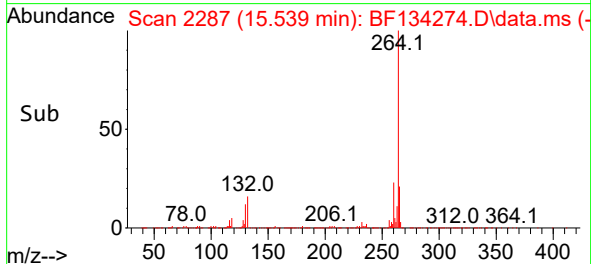
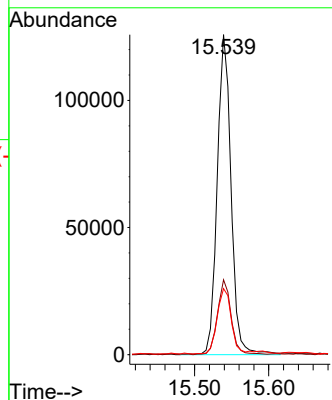
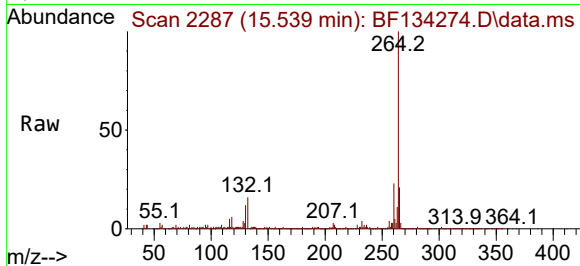




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

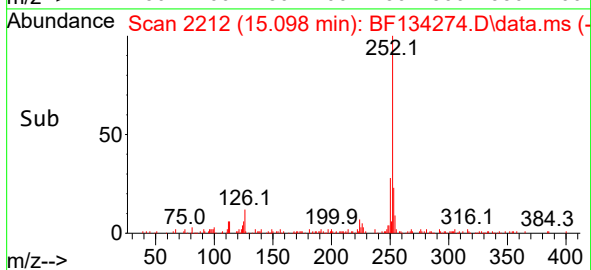
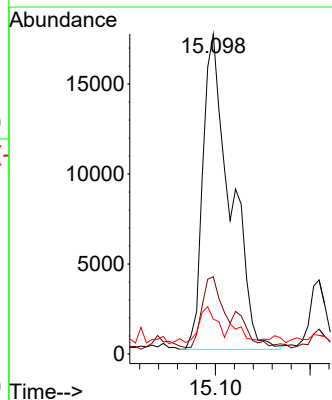
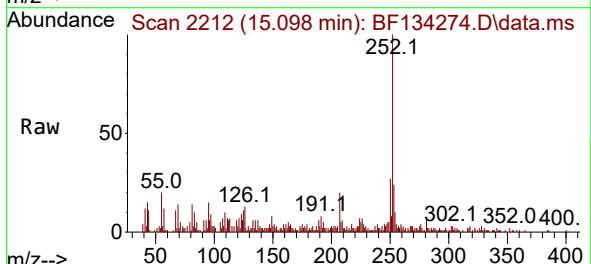
Instrument :
BNA_G
ClientSampleId :

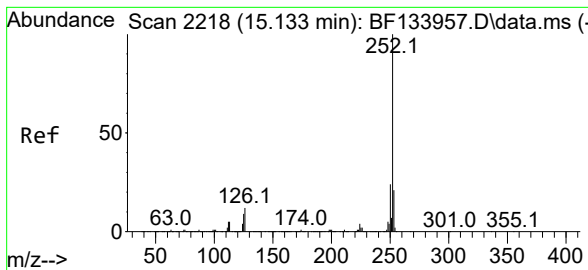
Tgt Ion:264 Resp: 163056
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 20.7 16.6 25.0



#88
Benzo(b)fluoranthene
Concen: 3.687 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

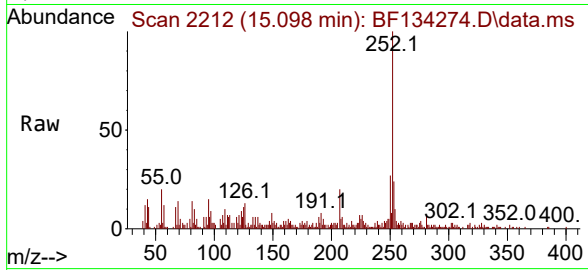
Tgt Ion:252 Resp: 35347
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.0
125 10.9 7.1 10.7#





#89
 Benzo(k)fluoranthene
 Concen: 3.621 ng
 RT: 15.098 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BF134274.D
 Acq: 13 Jul 2023 22:09

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:	252	Resp:	35347
Ion Ratio	Lower	Upper	
252	100		
253	24.2	16.9	25.3
125	10.9	7.4	11.2

