

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072223\
 Data File : BF134417.D
 Acq On : 22 Jul 2023 12:19
 Operator : CG\JU
 Sample : 03680-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Jul 22 13:54:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

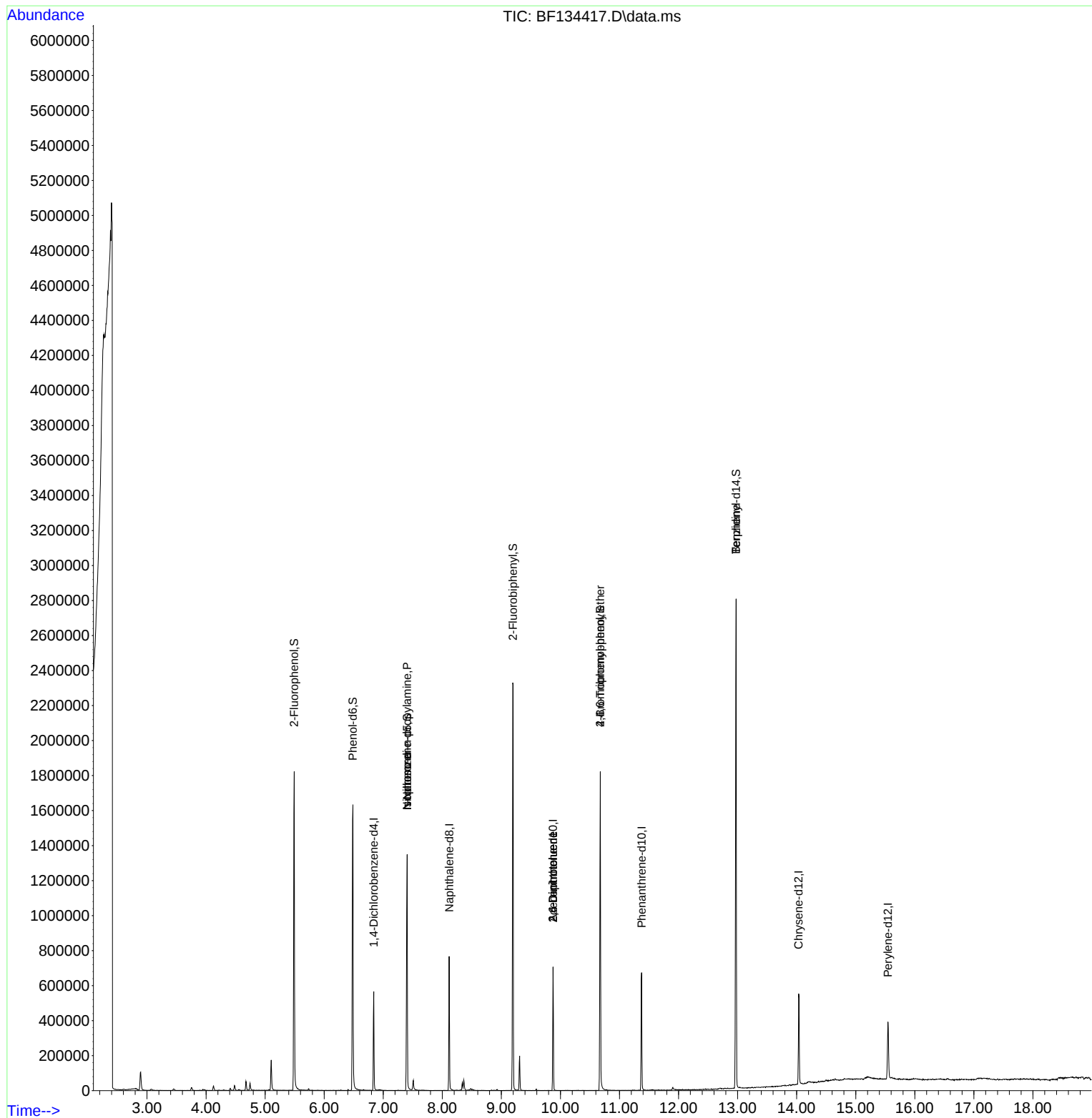
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	76964	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	298059	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	128892	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	264330	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	195502	20.000	ng	0.00
86) Perylene-d12	15.545	264	173098	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	484658	105.338	ng	0.02
7) Phenol-d6	6.487	99	547520	96.764	ng	0.00
23) Nitrobenzene-d5	7.404	82	416336	75.296	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	233325	144.380	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	757003	85.389	ng	0.00
79) Terphenyl-d14	12.974	244	1006527	82.860	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	1021	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	58113	16.195	ng	# 73
25) Isophorone	7.404	82	416333	41.430	ng	# 64
51) 2,6-Dinitrotoluene	9.875	165	16808	8.341	ng	# 23
57) 2,4-Dinitrotoluene	9.875	165	16808	6.316	ng	# 22
67) 4-Bromophenyl-phenylether	10.674	248	14199	5.054	ng	# 1
77) Benzydine	12.974	184	14280	3.070	ng	# 93

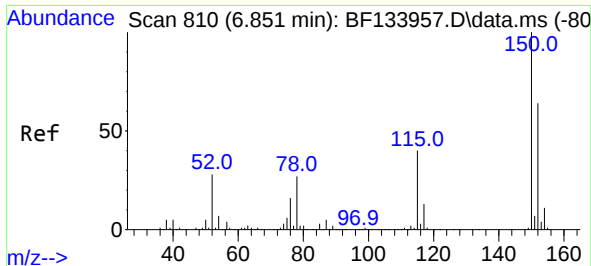
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072223\
Data File : BF134417.D
Acq On : 22 Jul 2023 12:19
Operator : CG\JU
Sample : 03680-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

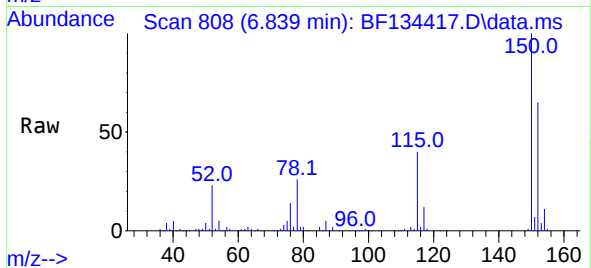
Quant Time: Jul 22 13:54:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 22:51:27 2023
Response via : Initial Calibration



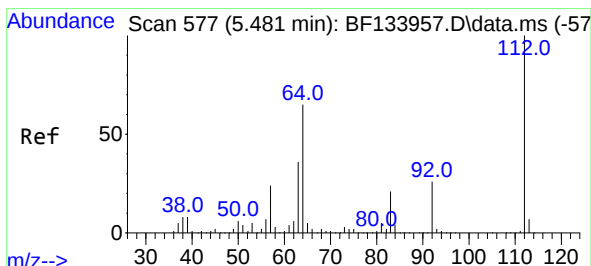
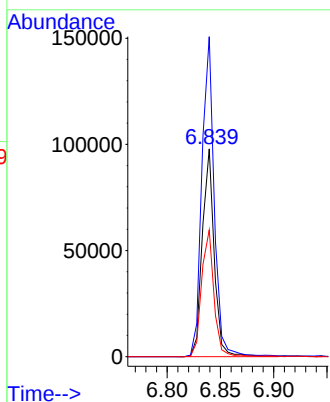
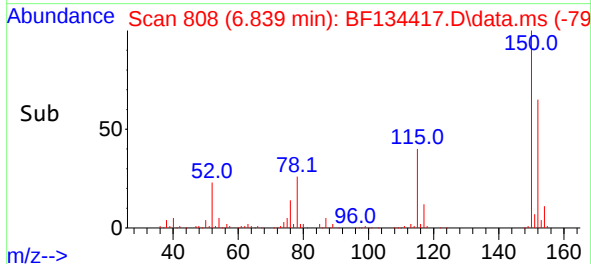


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

Instrument :
BNA_F
ClientSampleId :
TP-3

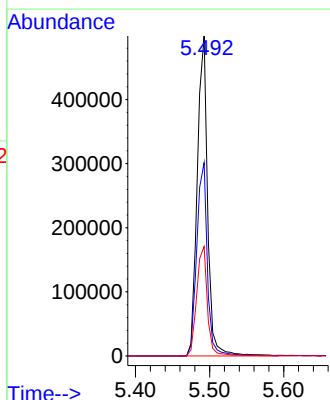
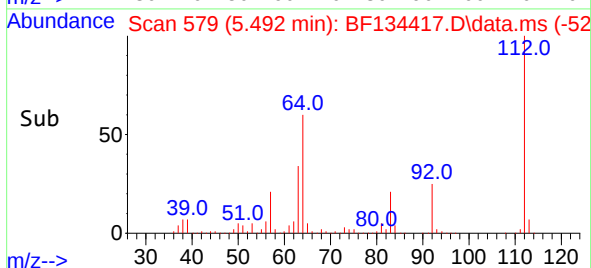
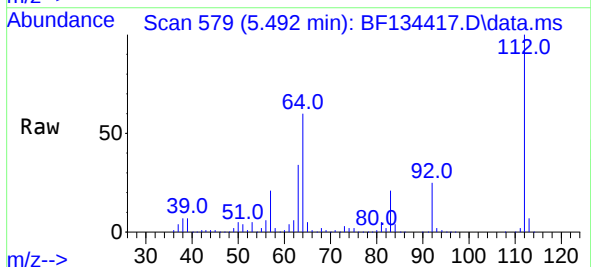


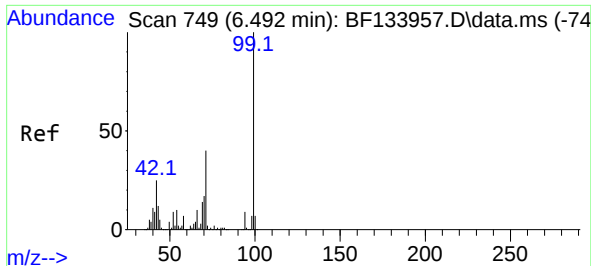
Tgt Ion:152 Resp: 76964
Ion Ratio Lower Upper
152 100
150 154.0 124.5 186.7
115 61.0 50.2 75.2



#5
2-Fluorophenol
Concen: 105.338 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.024 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

Tgt Ion:112 Resp: 484658
Ion Ratio Lower Upper
112 100
64 60.4 52.1 78.1
63 34.2 28.6 42.8

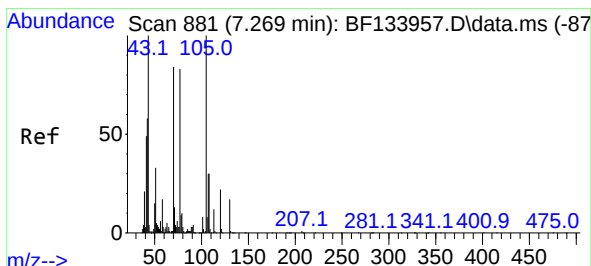
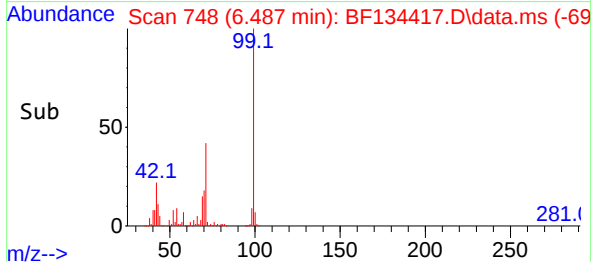
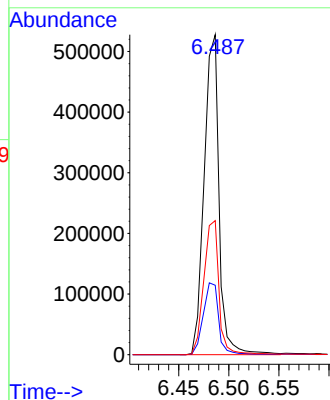
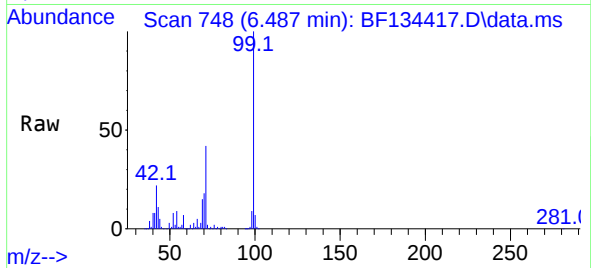




#7
Phenol-d6
Concen: 96.764 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

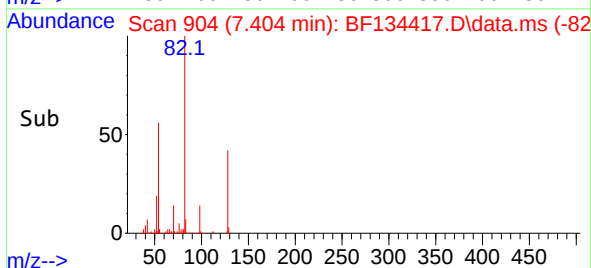
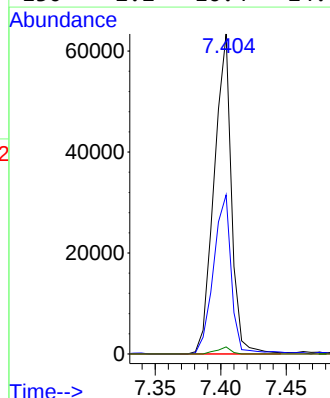
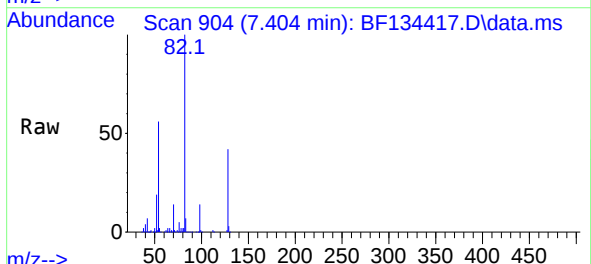
Instrument :
BNA_F
ClientSampleId :
TP-3

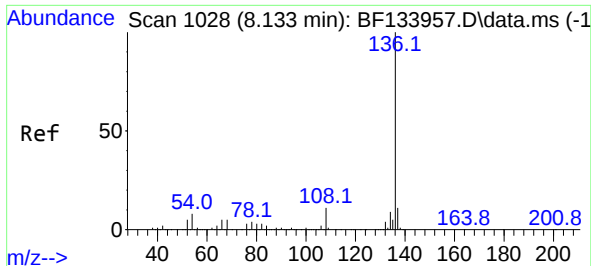
Tgt Ion: 99 Resp: 547520
Ion Ratio Lower Upper
99 100
42 21.7 19.8 29.6
71 41.9 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.195 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

Tgt Ion: 70 Resp: 58113
Ion Ratio Lower Upper
70 100
42 49.7 54.7 82.1#
101 0.0 7.7 11.5#
130 2.2 16.4 24.6#



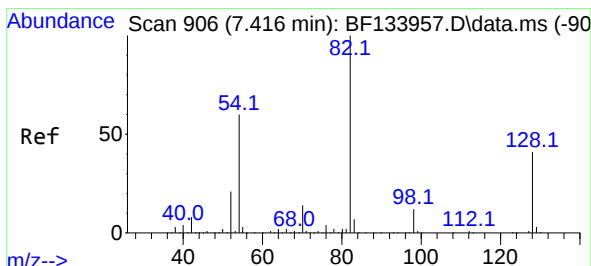
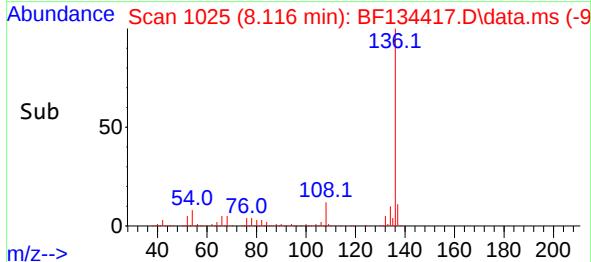
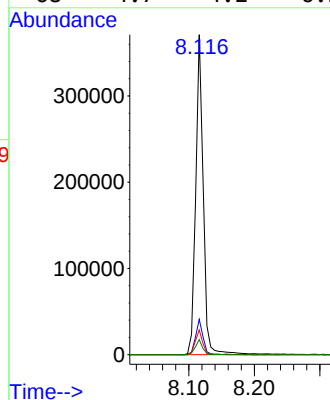
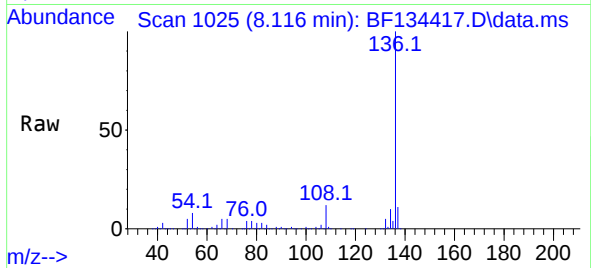


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:136 Resp: 298059

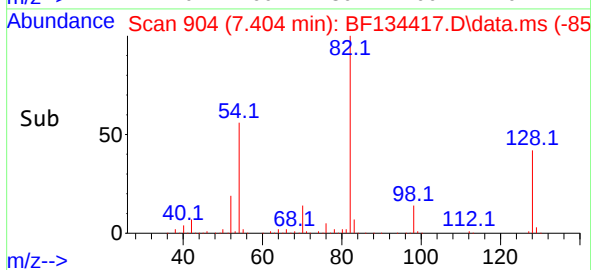
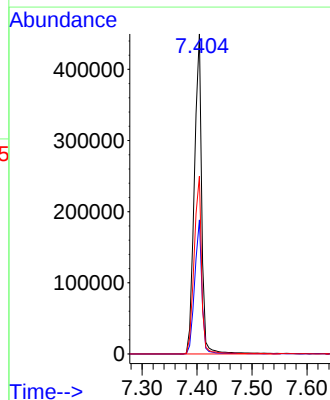
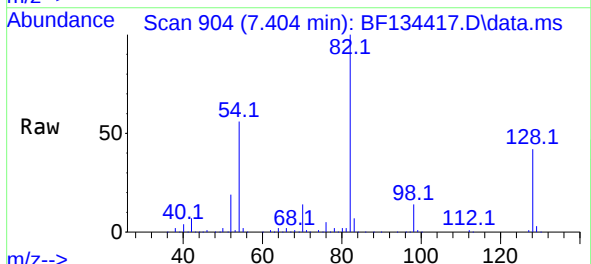
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.7	6.5	9.7
68	4.7	4.2	6.2

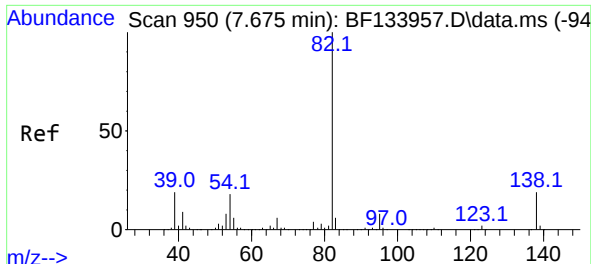


#23
Nitrobenzene-d5
Concen: 75.296 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

Tgt Ion: 82 Resp: 416336

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.5	48.7
54	55.5	48.2	72.2

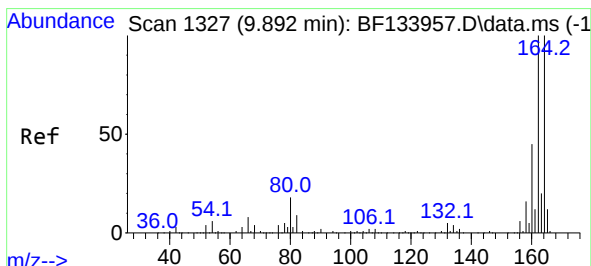
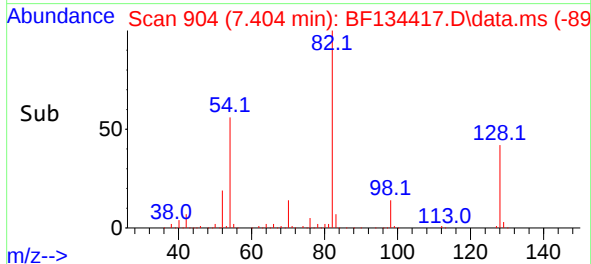
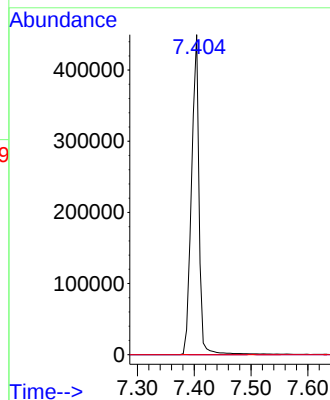
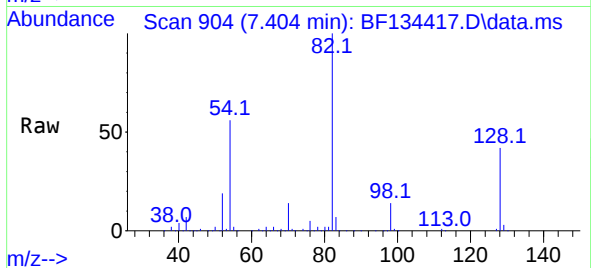




#25
Isophorone
Concen: 41.430 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

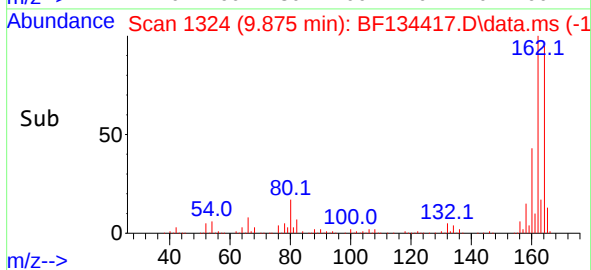
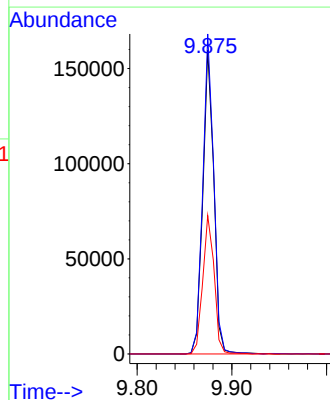
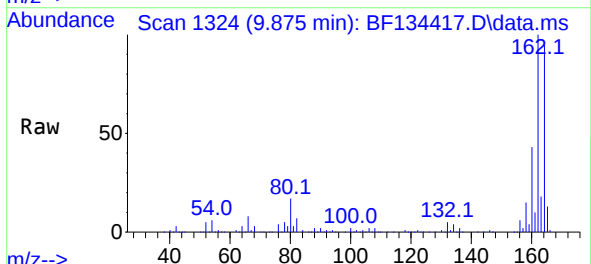
Instrument :
BNA_F
ClientSampleId :
TP-3

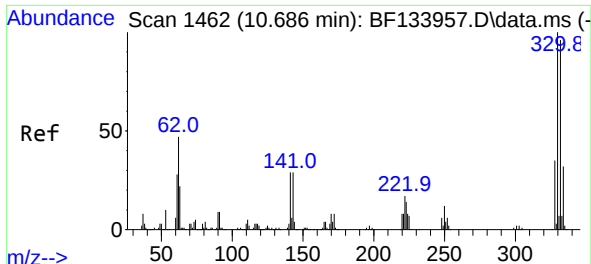
Tgt Ion: 82 Resp: 416333
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

Tgt Ion:164 Resp: 128892
Ion Ratio Lower Upper
164 100
162 105.2 80.0 120.0
160 45.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 144.380 ng

RT: 10.674 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF134417.D

Acq: 22 Jul 2023 12:19

Instrument :

BNA_F

ClientSampleId :

TP-3

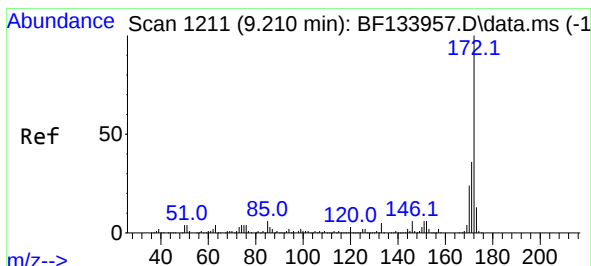
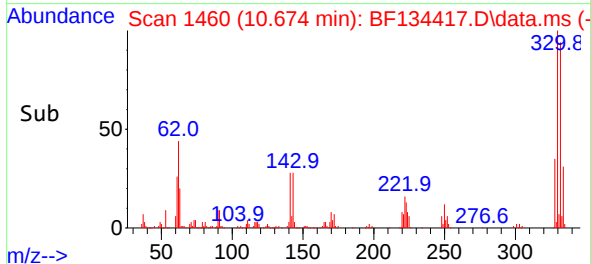
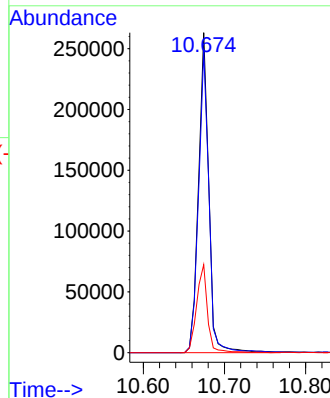
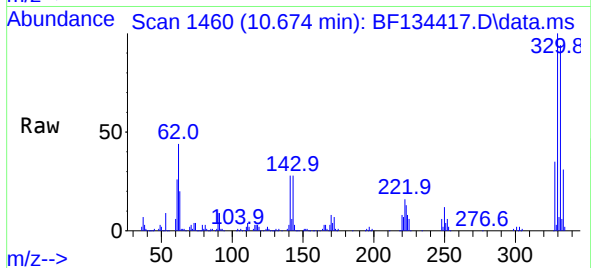
Tgt Ion:330 Resp: 233325

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

141 29.1 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 85.389 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134417.D

Acq: 22 Jul 2023 12:19

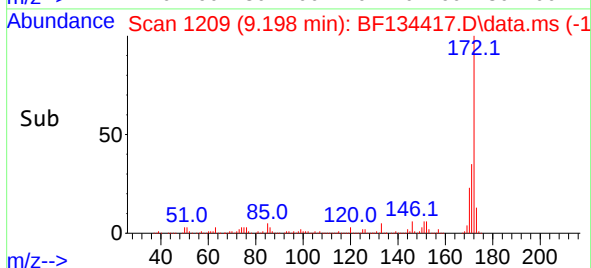
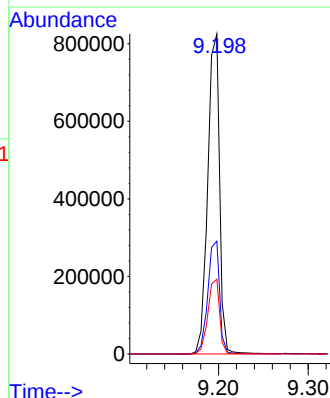
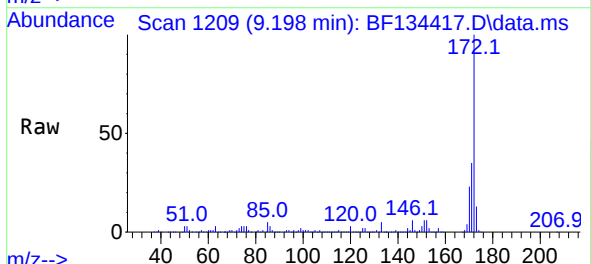
Tgt Ion:172 Resp: 757003

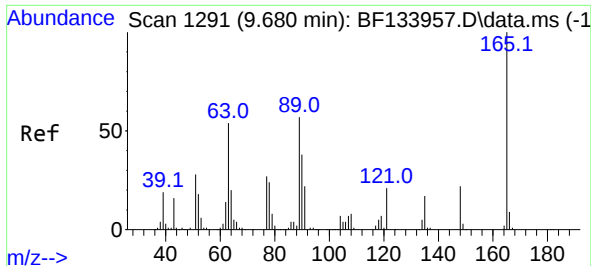
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.4 19.4 29.0

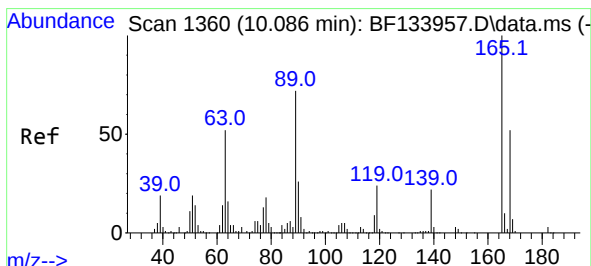
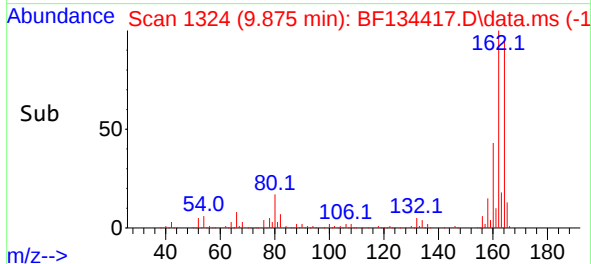
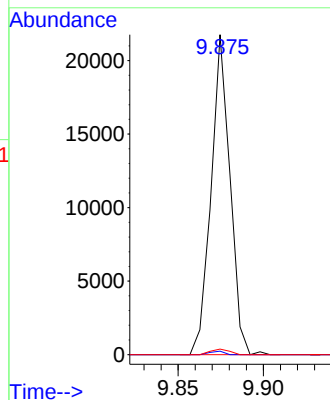
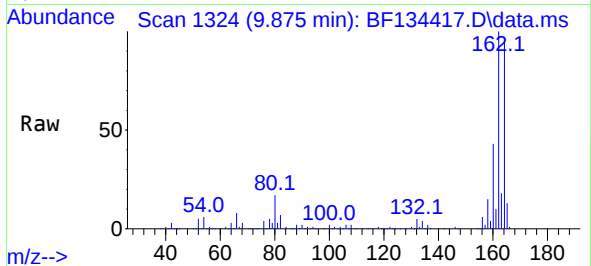




#51
2,6-Dinitrotoluene
Concen: 8.341 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

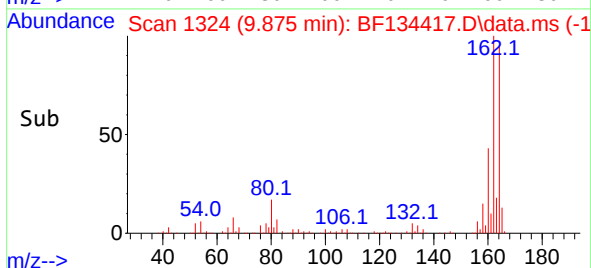
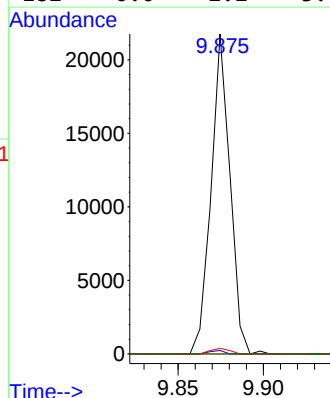
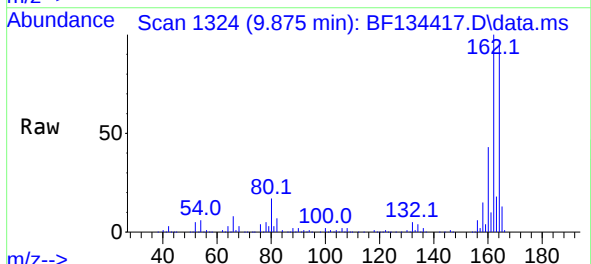
Instrument :
BNA_F
ClientSampleId :
TP-3

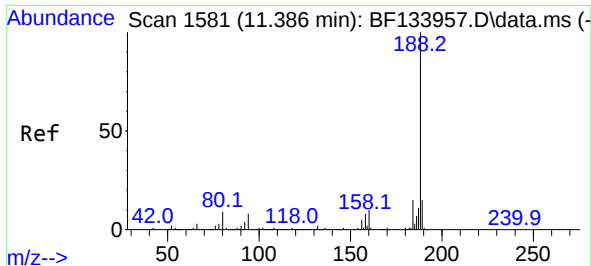
Tgt Ion:165 Resp: 16808
Ion Ratio Lower Upper
165 100
63 1.1 48.5 72.7#
89 1.8 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.316 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

Tgt Ion:165 Resp: 16808
Ion Ratio Lower Upper
165 100
63 1.1 42.2 63.2#
89 1.8 57.4 86.2#
182 0.0 2.2 3.4#

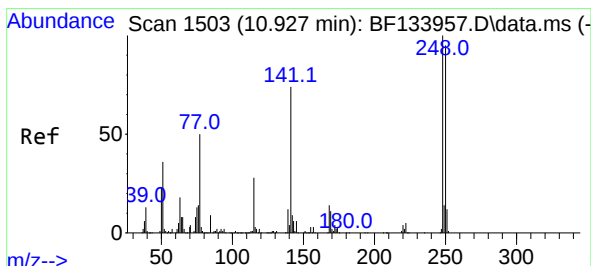
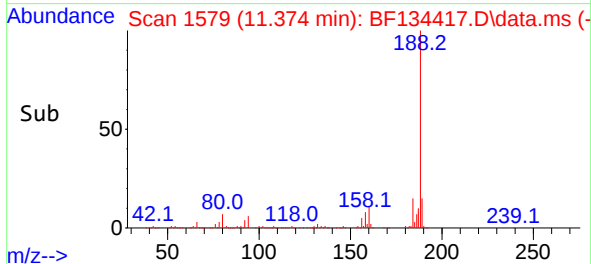
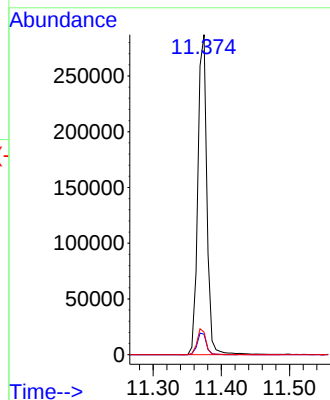
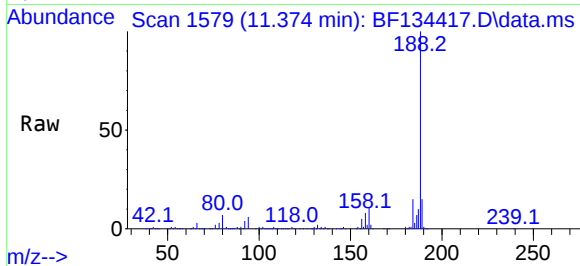




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

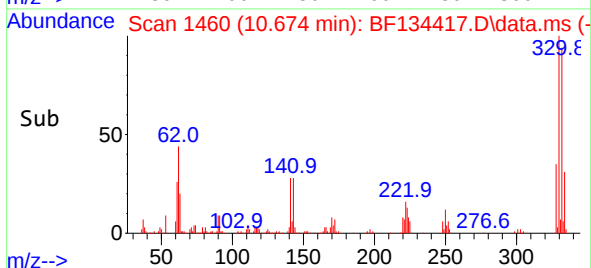
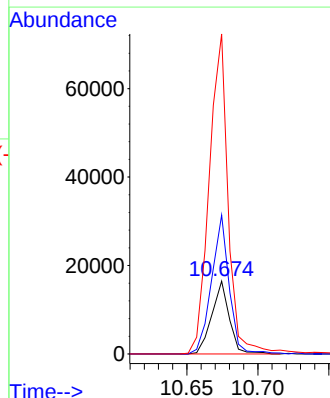
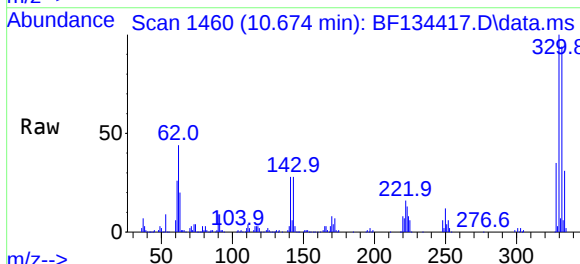
Instrument :
BNA_F
ClientSampleId :
TP-3

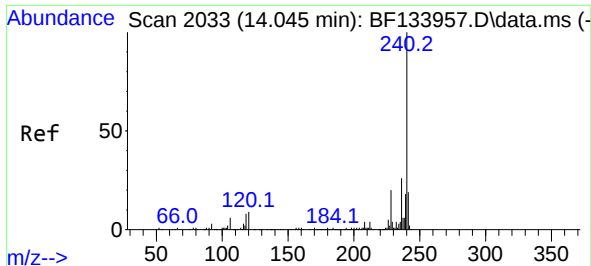
Tgt Ion:188 Resp: 264330
Ion Ratio Lower Upper
188 100
94 6.4 6.4 9.6#
80 7.1 7.3 10.9#



#67
4-Bromophenyl-phenylether
Concen: 5.054 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.241 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

Tgt Ion:248 Resp: 14199
Ion Ratio Lower Upper
248 100
250 190.7 76.2 114.4#
141 439.3 59.0 88.4#

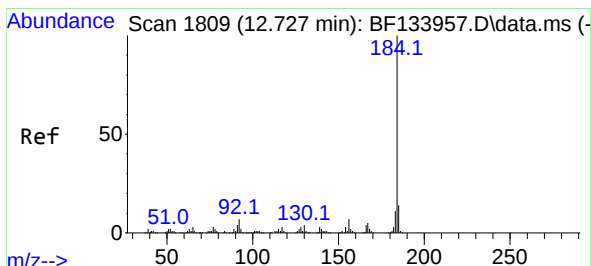
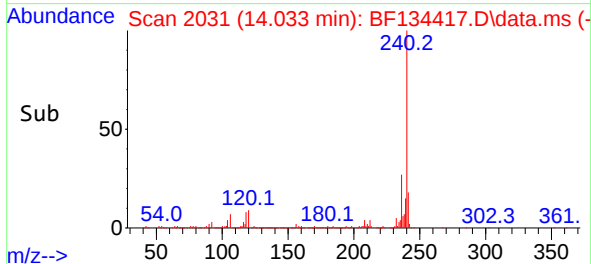
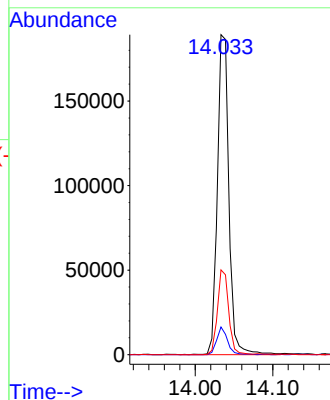
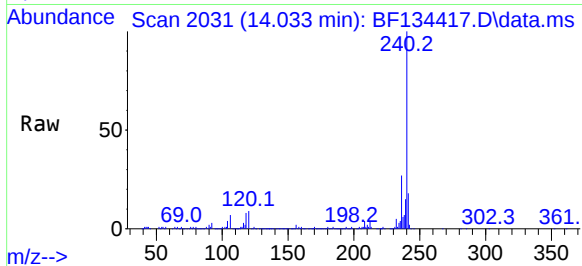




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

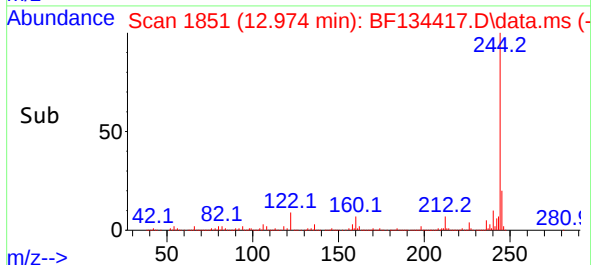
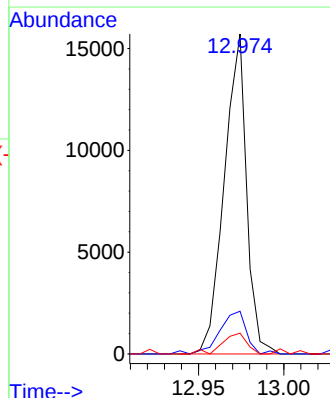
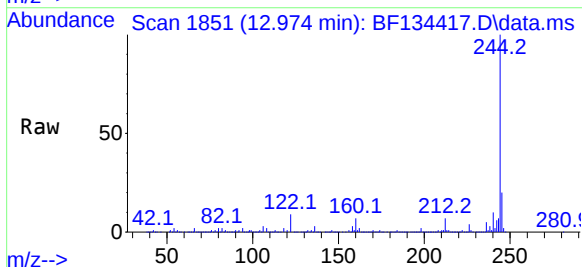
Instrument :
BNA_F
ClientSampleId :
TP-3

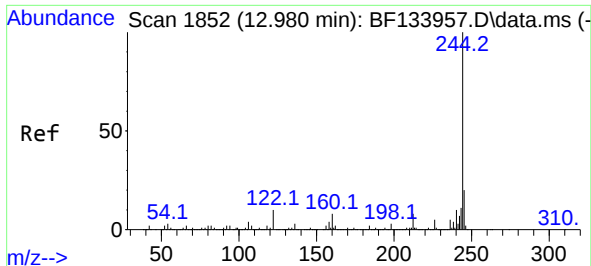
Tgt Ion:240 Resp: 195502
Ion Ratio Lower Upper
240 100
120 8.6 7.4 11.0
236 26.5 21.0 31.6



#77
Benzidine
Concen: 3.070 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF134417.D
Acq: 22 Jul 2023 12:19

Tgt Ion:184 Resp: 14280
Ion Ratio Lower Upper
184 100
185 13.4 11.6 17.4
183 6.5 8.8 13.2#

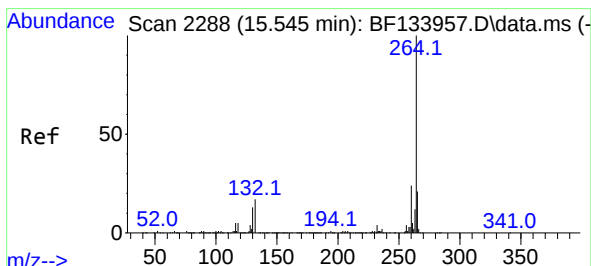
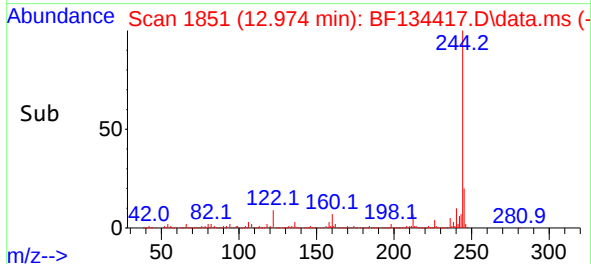
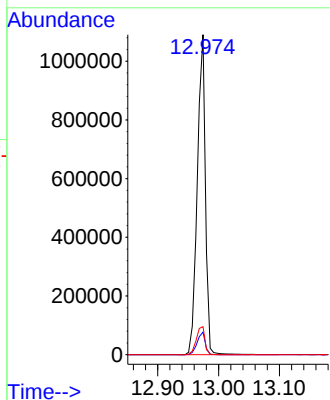
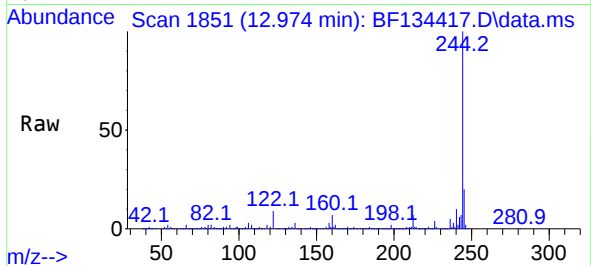




#79
 Terphenyl-d14
 Concen: 82.860 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF134417.D
 Acq: 22 Jul 2023 12:19

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 1006527
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. 0.000 min
 Lab File: BF134417.D
 Acq: 22 Jul 2023 12:19

Tgt Ion:264 Resp: 173098
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 21.8 16.6 25.0

