

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134177.D
 Acq On : 09 Jul 2023 08:16
 Operator : CG\JU
 Sample : 03510-17
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 10 01:50:17 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)

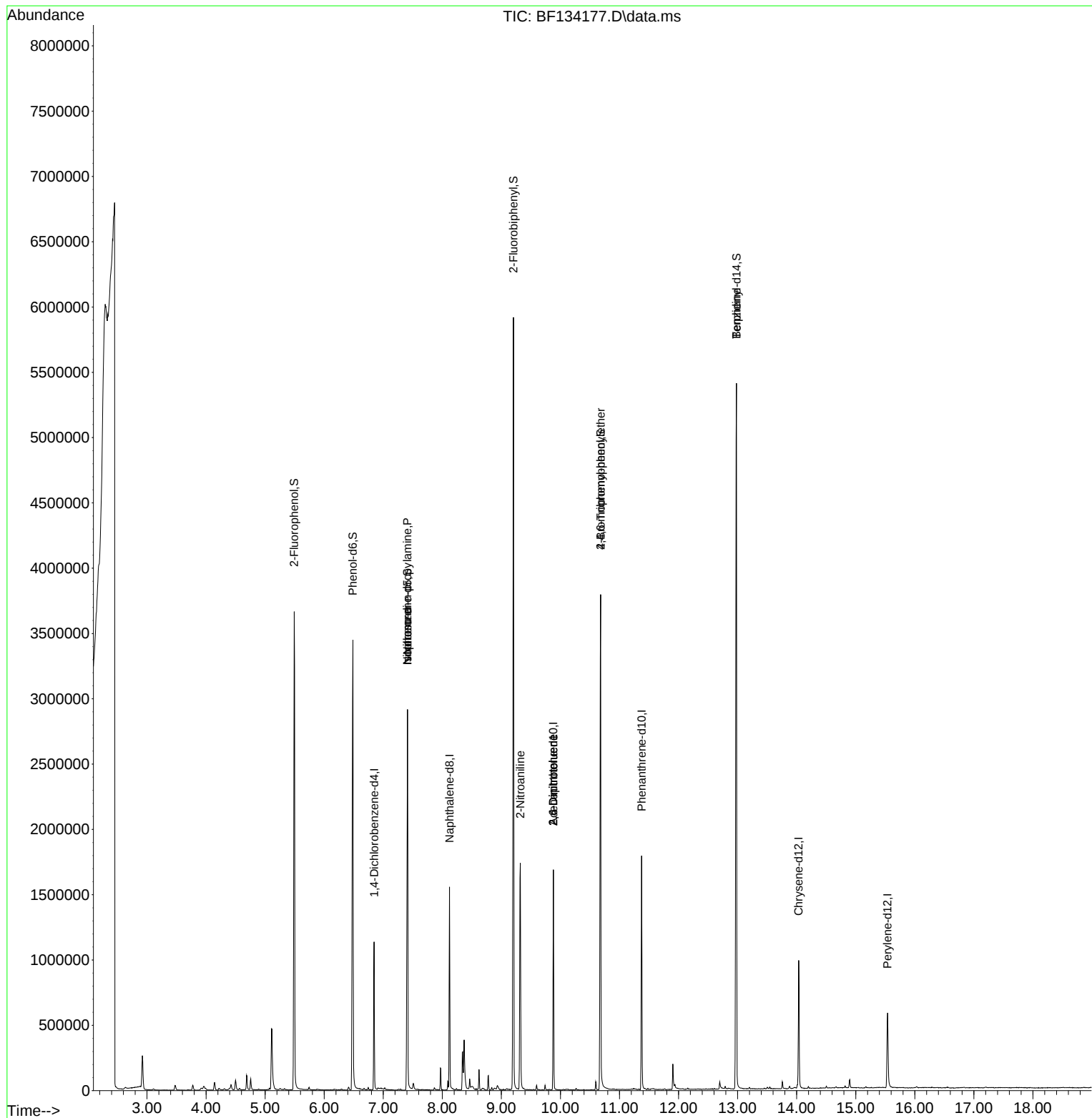
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	162620	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	626108	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	305406	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	648938	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	347655	20.000	ng	-0.02
86) Perylene-d12	15.539	264	305880	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1097195	112.861	ng	0.00
7) Phenol-d6	6.487	99	1284379	107.429	ng	0.00
23) Nitrobenzene-d5	7.410	82	1011493	87.085	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	536130	140.012	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1852556	88.191	ng	0.00
79) Terphenyl-d14	12.980	244	2218772	102.715	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	409	Below Cal		90
19) n-Nitroso-di-n-propyla...	7.410	70	143698	18.953 ng	#	77
25) Isophorone	7.410	82	1011482	47.916 ng	#	64
48) 2-Nitroaniline	9.322	65	20334	3.113 ng	#	16
51) 2,6-Dinitrotoluene	9.880	165	38541	8.072 ng	#	23
57) 2,4-Dinitrotoluene	9.880	165	38541	6.112 ng	#	22
67) 4-Bromophenyl-phenylether	10.680	248	31620	4.584 ng	#	1
77) Benzidine	12.980	184	29401	3.554 ng	#	92

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

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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

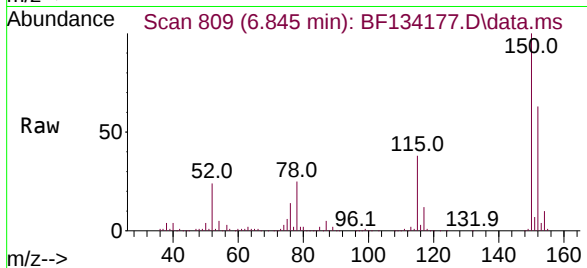
Quant Time: Jul 10 01:50:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
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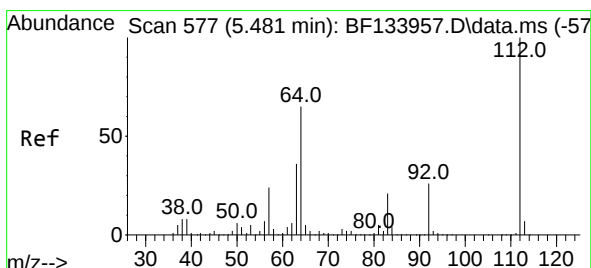
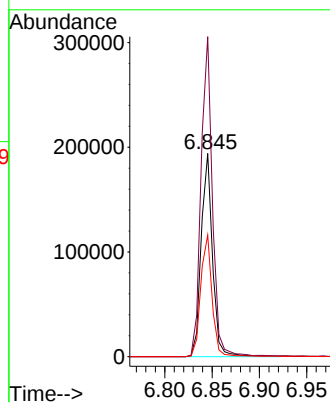
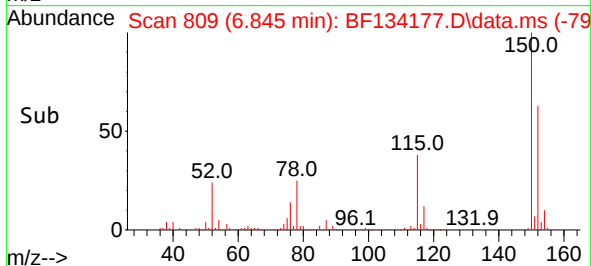


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16

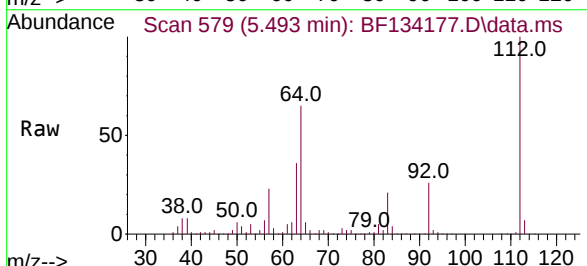
Instrument :
BNA_F
ClientSampleId :



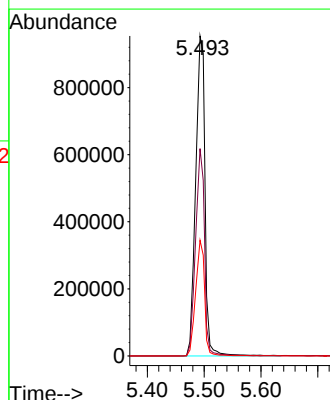
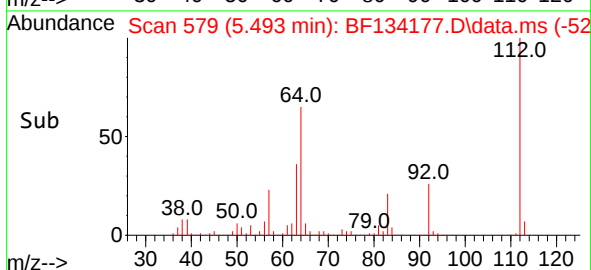
Tgt Ion:152 Resp: 162620
Ion Ratio Lower Upper
152 100
150 157.5 124.5 186.7
115 59.8 50.2 75.2

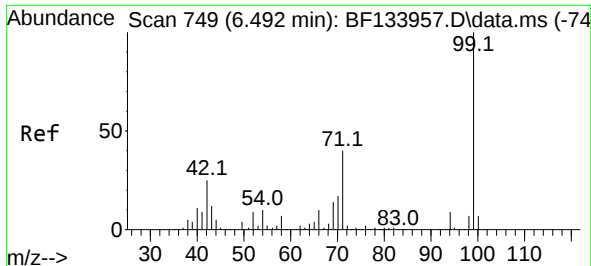


#5
2-Fluorophenol
Concen: 112.861 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16



Tgt Ion:112 Resp: 1097195
Ion Ratio Lower Upper
112 100
64 64.8 52.1 78.1
63 36.2 28.6 42.8

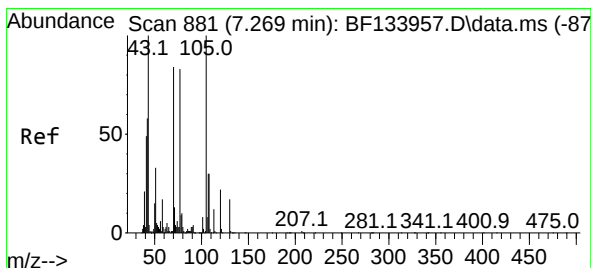
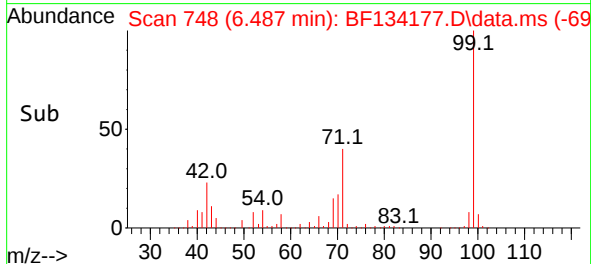
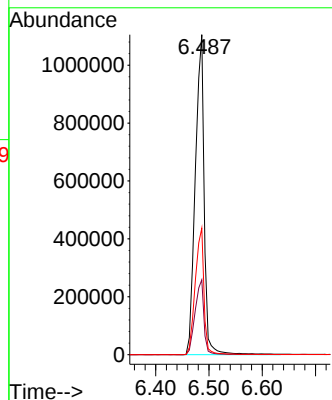
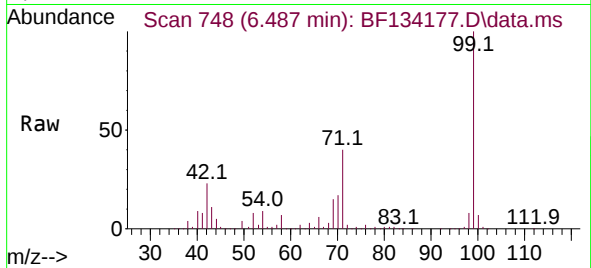




#7
Phenol-d6
Concen: 107.429 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16

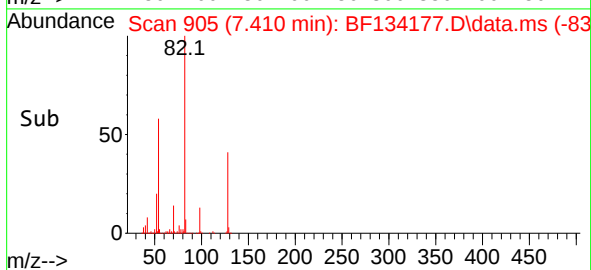
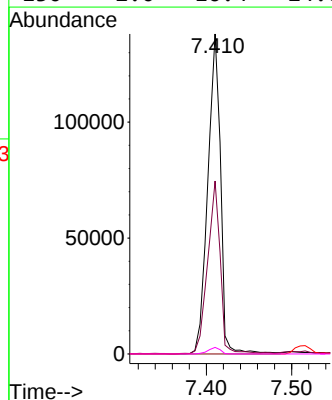
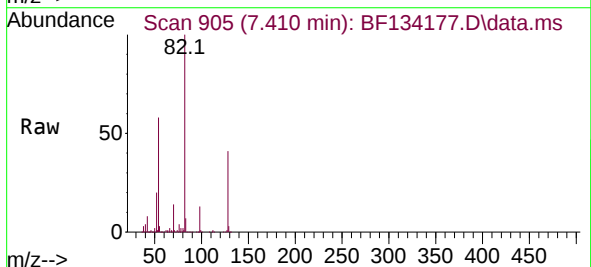
Instrument :
BNA_F
ClientSampleId :

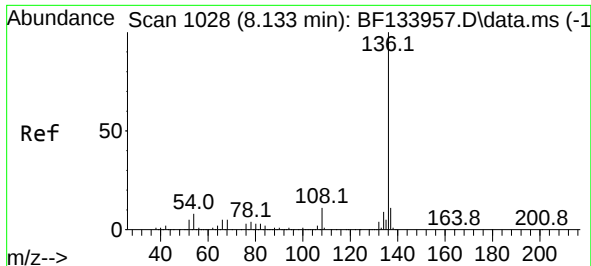
Tgt Ion: 99 Resp: 1284379
Ion Ratio Lower Upper
99 100
42 23.4 19.8 29.6
71 39.5 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.953 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16

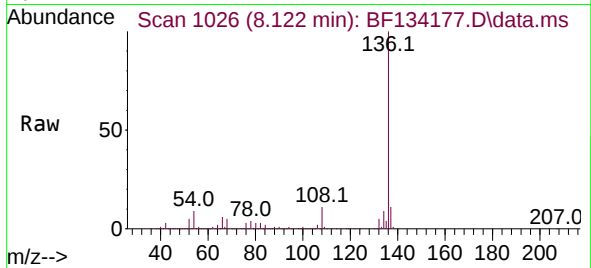
Tgt Ion: 70 Resp: 143698
Ion Ratio Lower Upper
70 100
42 54.0 54.7 82.1#
101 0.0 7.7 11.5#
130 2.0 16.4 24.6#



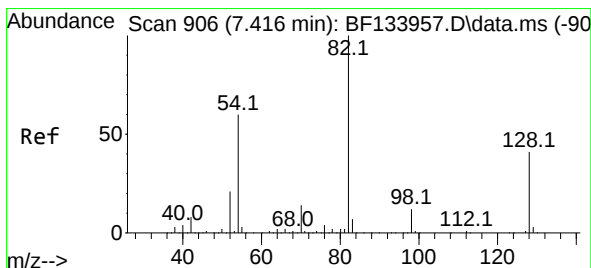
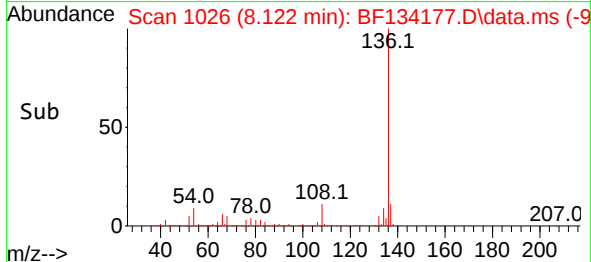
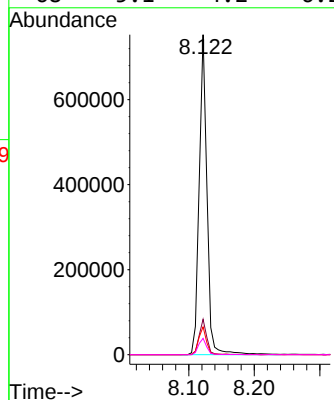


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16

Instrument :
BNA_F
ClientSampleId :

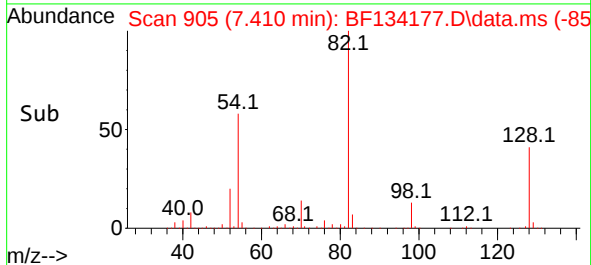
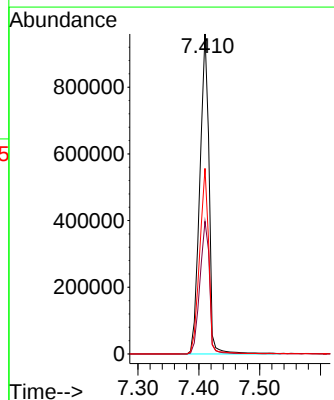
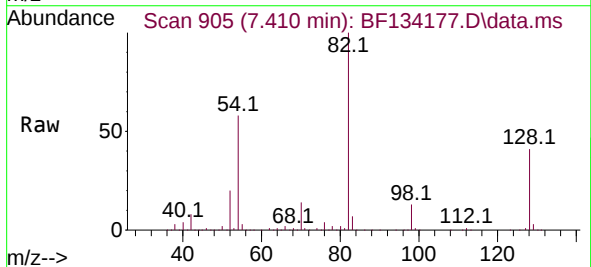


Tgt Ion:136 Resp: 626108
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.7 6.5 9.7
68 5.1 4.2 6.2



#23
Nitrobenzene-d5
Concen: 87.085 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16

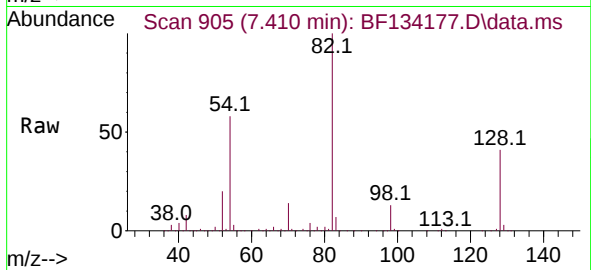
Tgt Ion: 82 Resp: 1011493
Ion Ratio Lower Upper
82 100
128 41.4 32.5 48.7
54 58.0 48.2 72.2



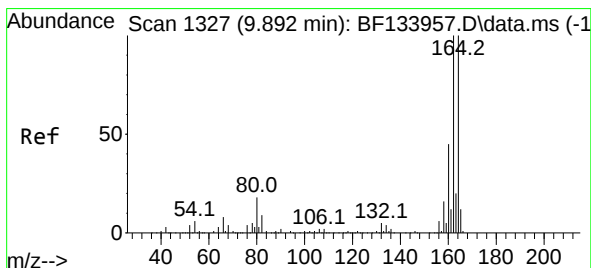
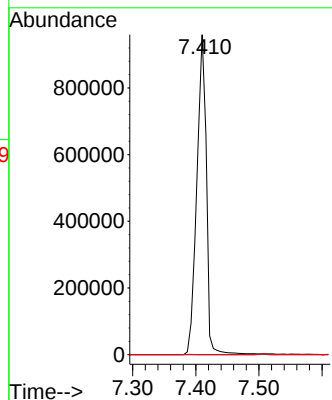
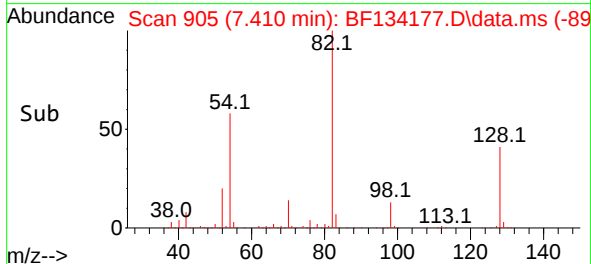


#25
Isophorone
Concen: 47.916 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16

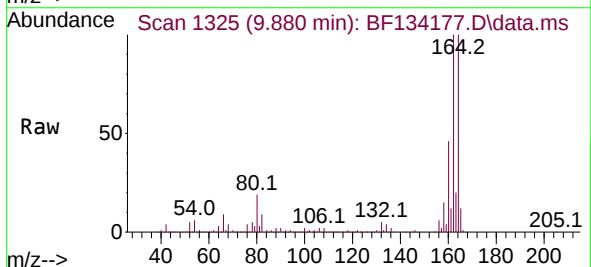
Instrument :
BNA_F
ClientSampleId :



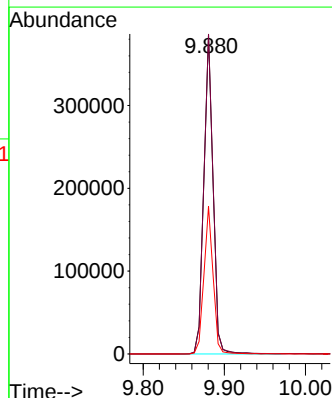
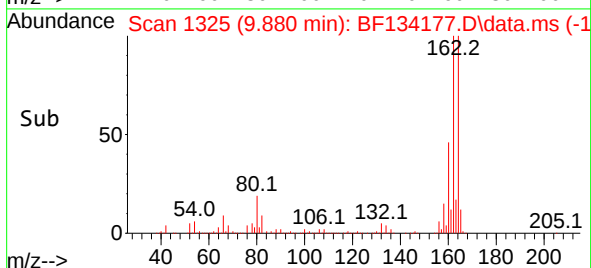
Tgt Ion: 82 Resp: 1011482
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16



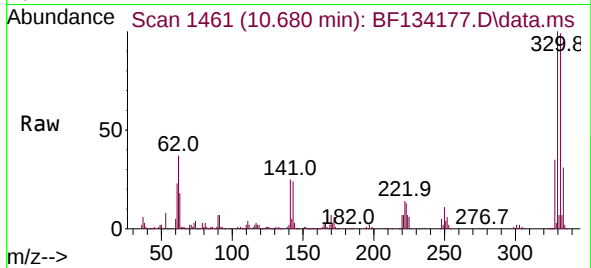
Tgt Ion:164 Resp: 305406
Ion Ratio Lower Upper
164 100
162 100.1 80.0 120.0
160 46.2 35.9 53.9



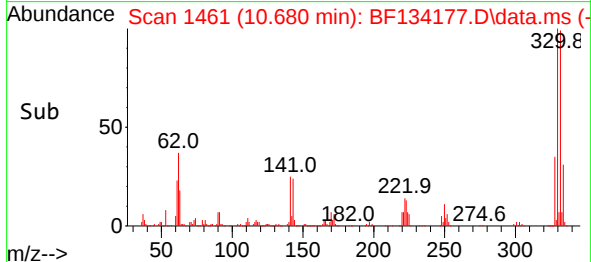
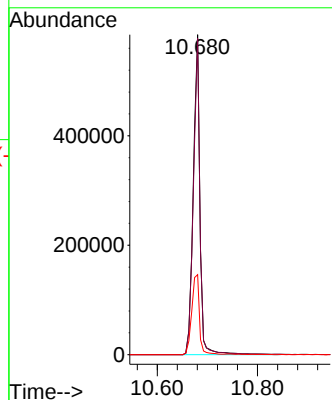


#42
2,4,6-Tribromophenol
Concen: 140.012 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16

Instrument :
BNA_F
ClientSampleId :

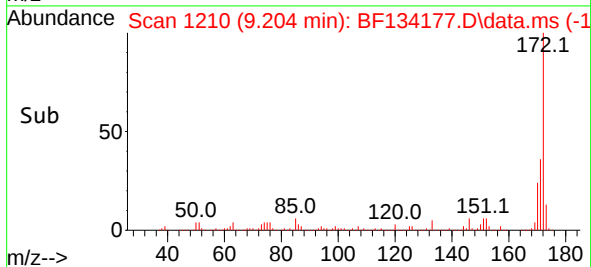
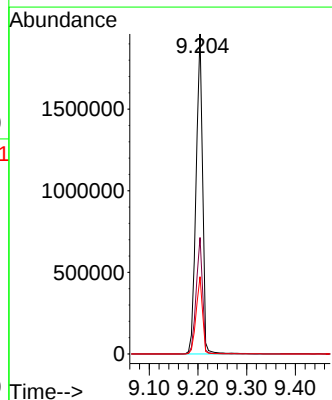
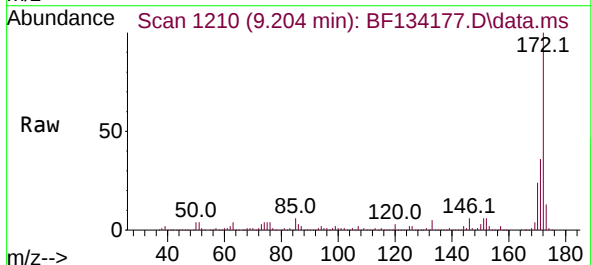


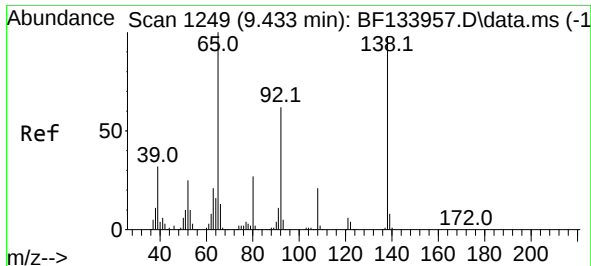
Tgt Ion:330 Resp: 536130
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 29.2 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 88.191 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16

Tgt Ion:172 Resp: 1852556
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.2 19.4 29.0

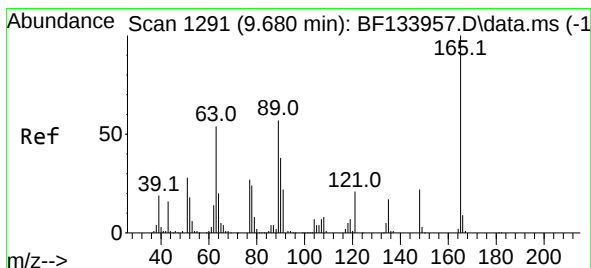
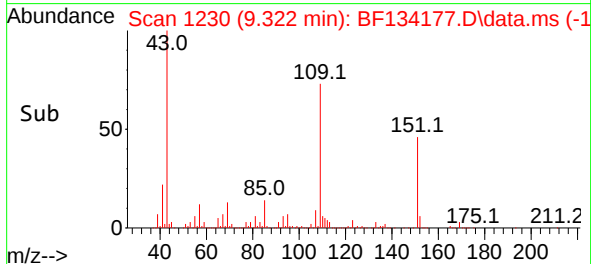
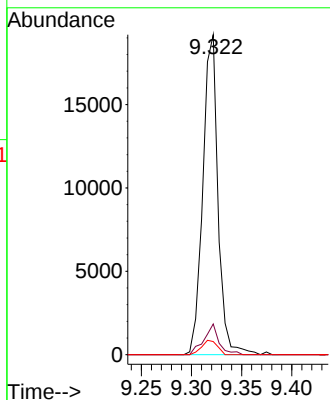
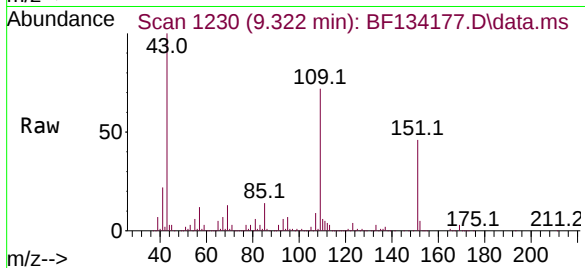




#48
2-Nitroaniline
Concen: 3.113 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.118 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16

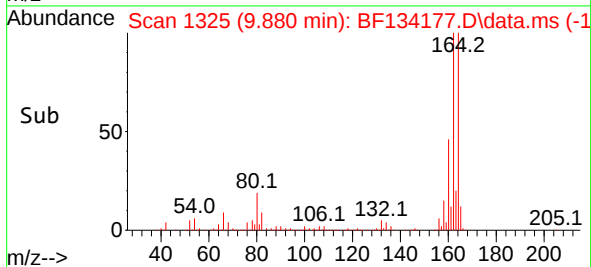
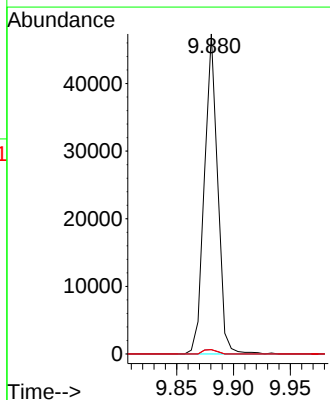
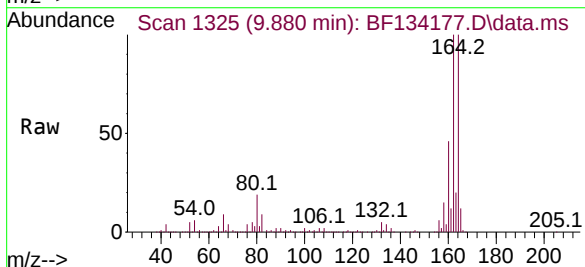
Instrument :
BNA_F
ClientSampleId :

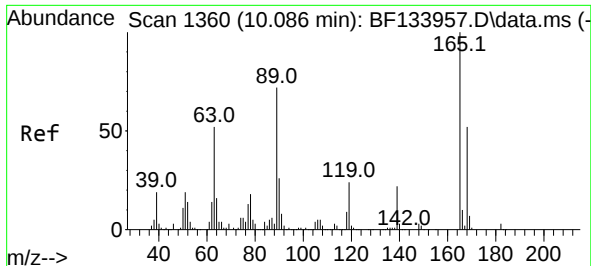
Tgt Ion: 65 Resp: 20334
Ion Ratio Lower Upper
65 100
92 9.6 49.5 74.3#
138 4.1 78.0 117.0#



#51
2,6-Dinitrotoluene
Concen: 8.072 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16

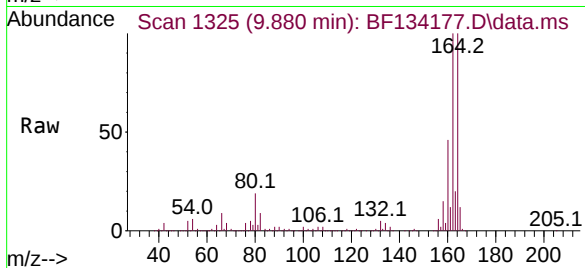
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Ion Ratio Lower Upper
165 100
63 1.4 48.5 72.7#
89 1.4 45.5 68.3#



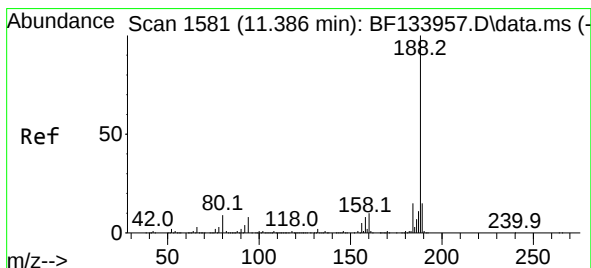
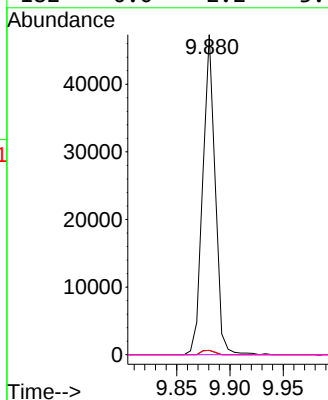
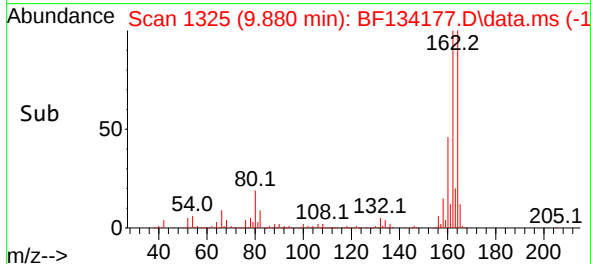


#57
2,4-Dinitrotoluene
Concen: 6.112 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16

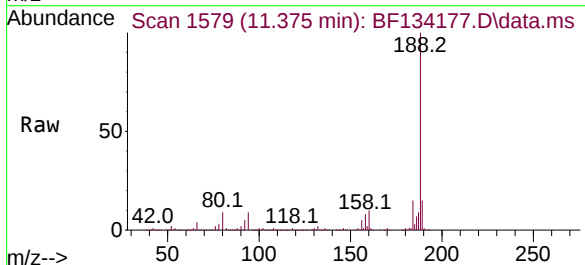
Instrument :
BNA_F
ClientSampleId :



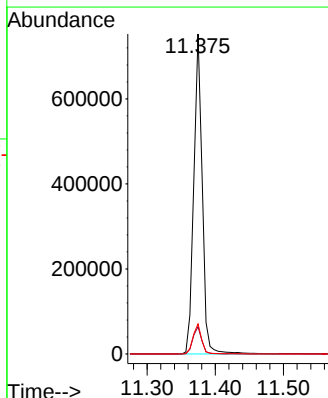
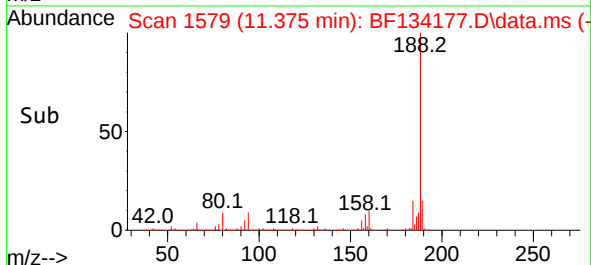
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Ion Ratio Lower Upper
165 100
63 1.4 42.2 63.2#
89 1.4 57.4 86.2#
182 0.0 2.2 3.4#

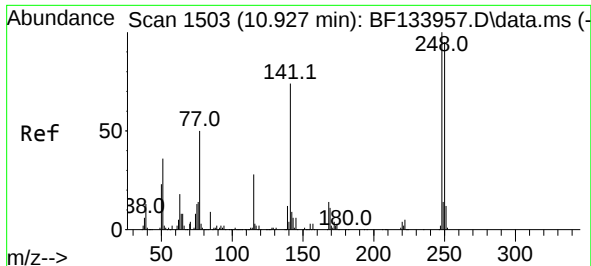


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16



Tgt Ion:188 Resp: 648938
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 9.4 7.3 10.9

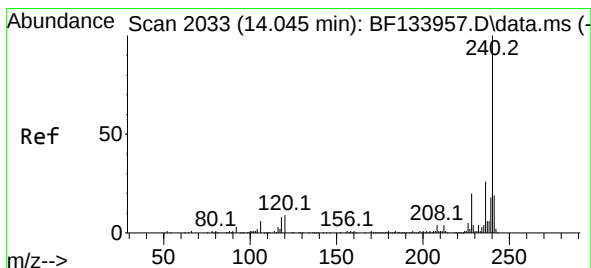
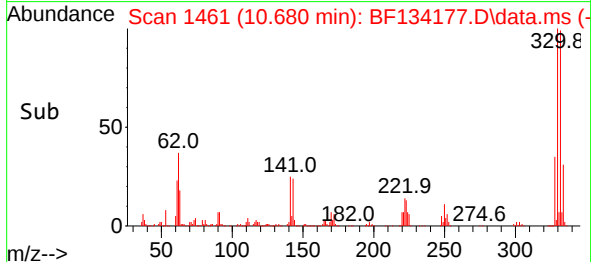
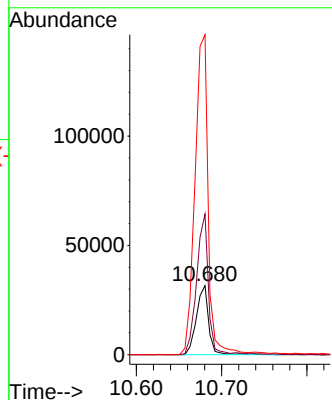
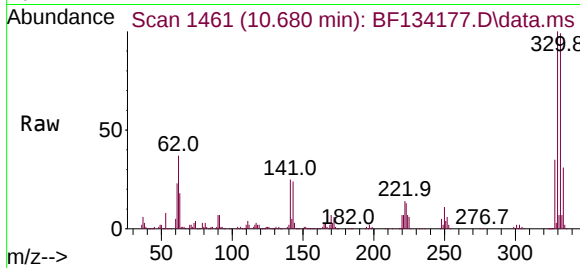




#67
4-Bromophenyl-phenylether
Concen: 4.584 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16

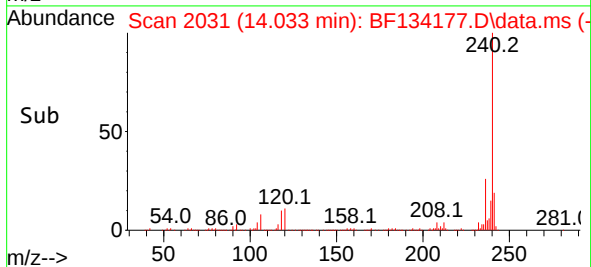
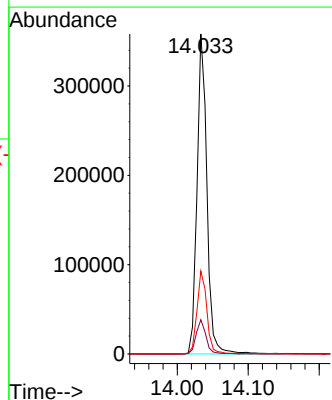
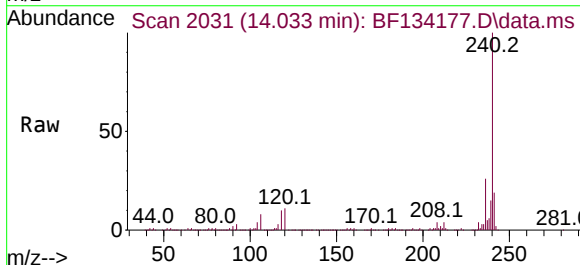
Instrument :
BNA_F
ClientSampleId :

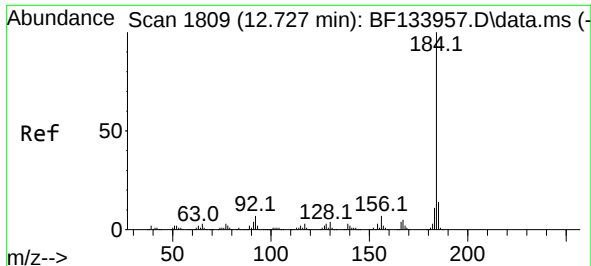
Tgt Ion:248 Resp: 31620
Ion Ratio Lower Upper
248 100
250 203.6 76.2 114.4#
141 463.3 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16

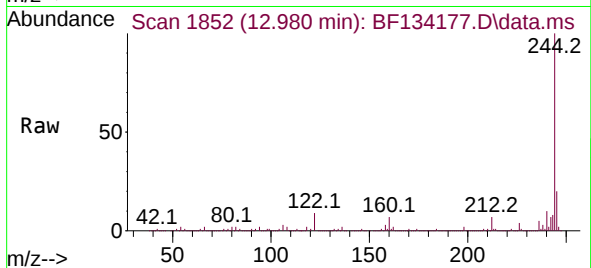
Tgt Ion:240 Resp: 347655
Ion Ratio Lower Upper
240 100
120 10.7 7.4 11.0
236 25.9 21.0 31.6



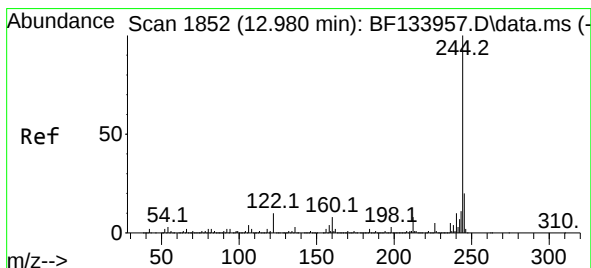
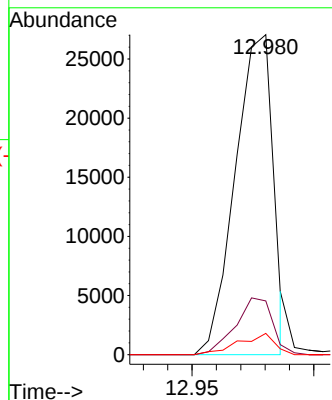
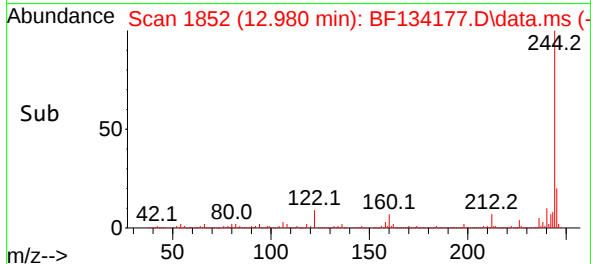


#77
Benzidine
Concen: 3.554 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16

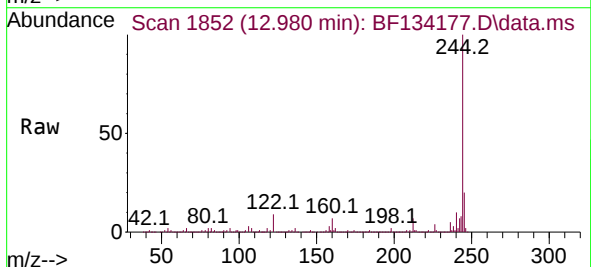
Instrument :
BNA_F
ClientSampleId :



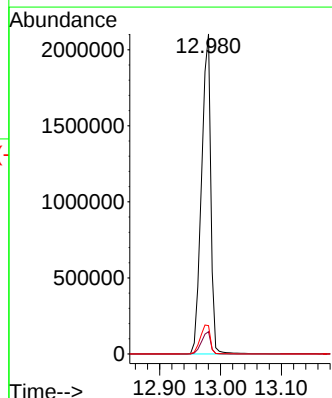
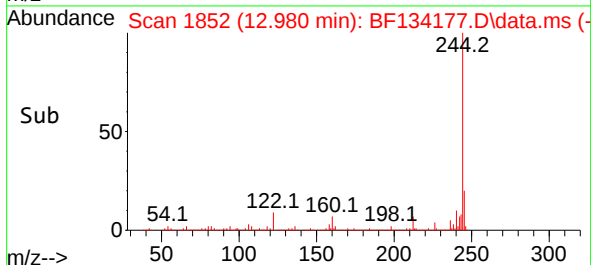
Tgt Ion:184 Resp: 29401
Ion Ratio Lower Upper
184 100
185 16.8 11.6 17.4
183 6.7 8.8 13.2#

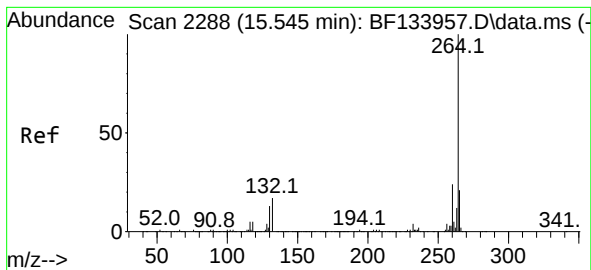


#79
Terphenyl-d14
Concen: 102.715 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF134177.D
Acq: 09 Jul 2023 08:16



Tgt Ion:244 Resp: 2218772
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 8.8 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.012 min

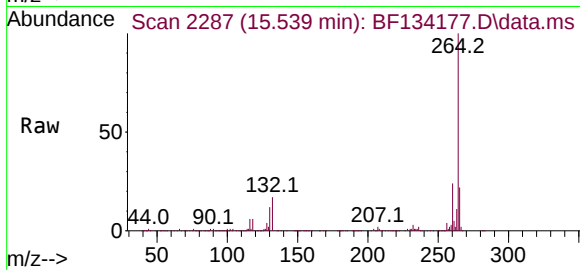
Lab File: BF134177.D

Acq: 09 Jul 2023 08:16

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 305880

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 22.0 16.6 25.0

