

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134168.D
 Acq On : 09 Jul 2023 03:24
 Operator : CG\JU
 Sample : 03509-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 04:19:53 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)

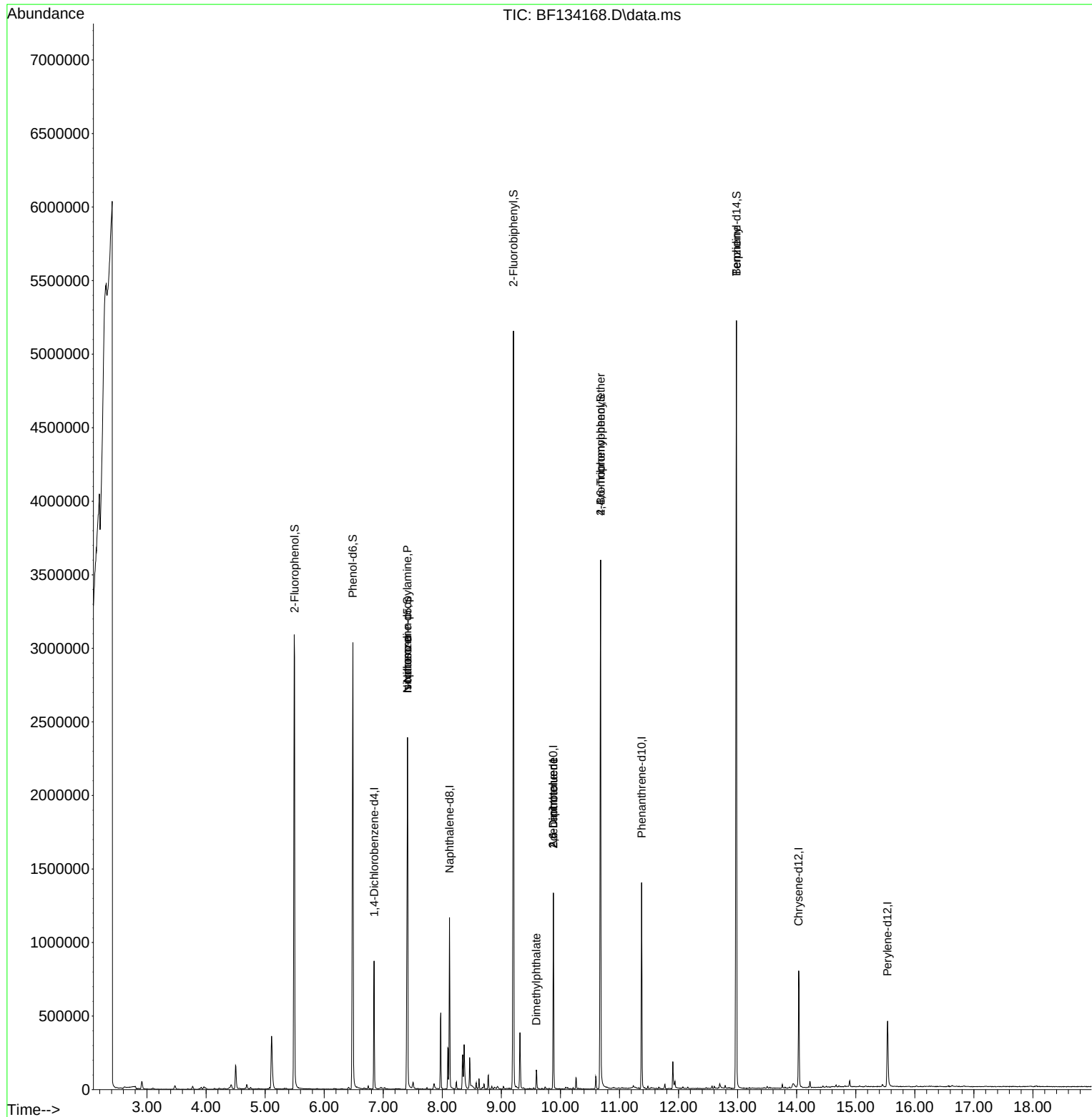
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	119402	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	462195	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	244909	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	485659	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	285226	20.000	ng	-0.02
86) Perylene-d12	15.539	264	237272	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	912016	127.769	ng	0.01
7) Phenol-d6	6.487	99	1050744	119.698	ng	0.00
23) Nitrobenzene-d5	7.410	82	838810	97.830	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	478497	155.828	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1564254	92.861	ng	0.00
79) Terphenyl-d14	12.980	244	2005122	113.141	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.487	77	2107	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	120415	21.630	ng	# 77
25) Isophorone	7.410	82	838798	53.828	ng	# 64
50) Dimethylphthalate	9.592	163	47356	2.664	ng	100
51) 2,6-Dinitrotoluene	9.880	165	31194	8.147	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	31194	6.169	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	28403	5.502	ng	# 1
77) Benzidine	12.980	184	28320	4.173	ng	# 92

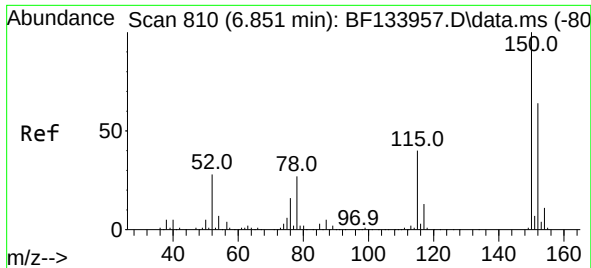
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
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BNA_F
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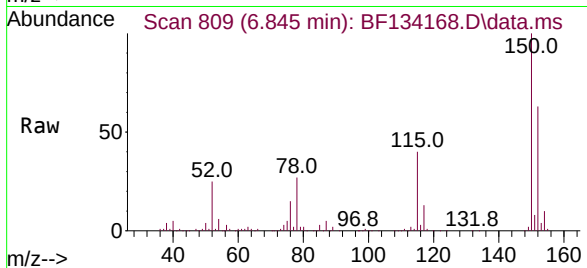
Quant Time: Jul 09 04:19:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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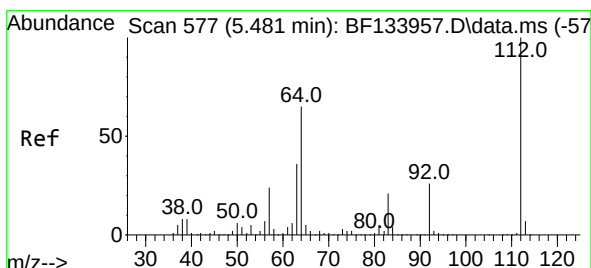
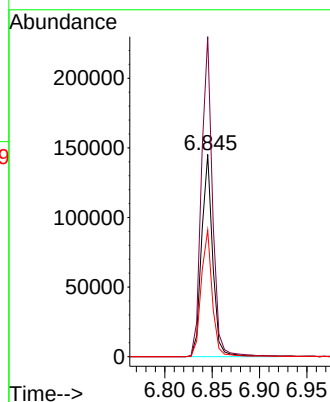
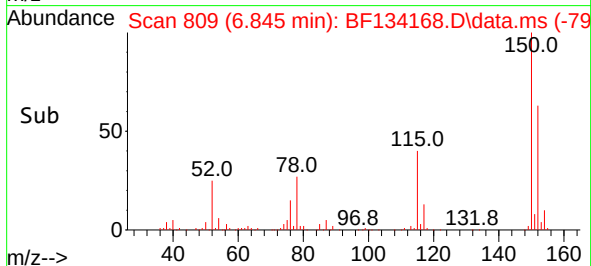


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134168.D
Acq: 09 Jul 2023 03:24

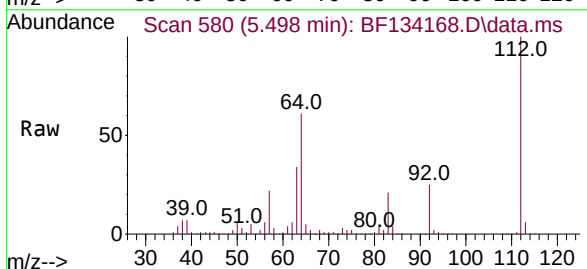
Instrument :
BNA_F
ClientSampleId :



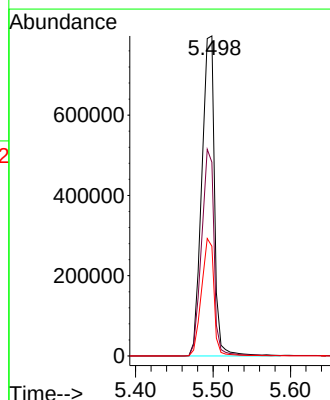
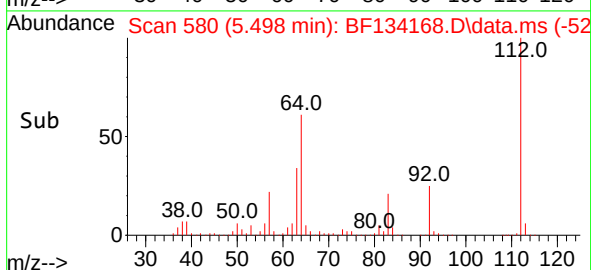
Tgt Ion:152 Resp: 119402
Ion Ratio Lower Upper
152 100
150 158.3 124.5 186.7
115 62.6 50.2 75.2

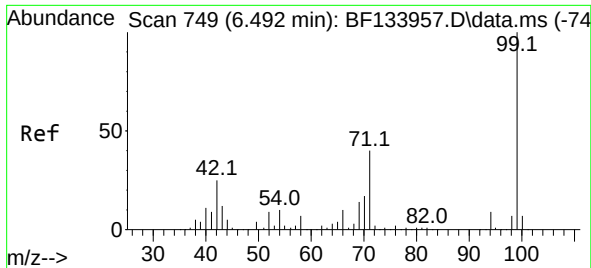


#5
2-Fluorophenol
Concen: 127.769 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134168.D
Acq: 09 Jul 2023 03:24



Tgt Ion:112 Resp: 912016
Ion Ratio Lower Upper
112 100
64 60.5 52.1 78.1
63 34.3 28.6 42.8





#7

Phenol-d6

Concen: 119.698 ng

RT: 6.487 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF134168.D

Acq: 09 Jul 2023 03:24

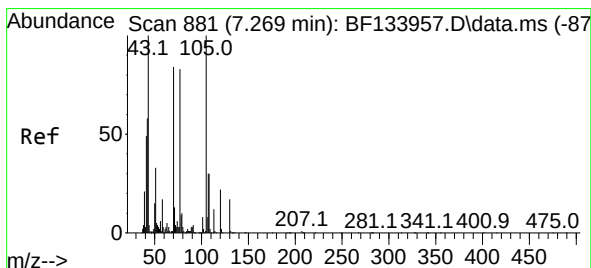
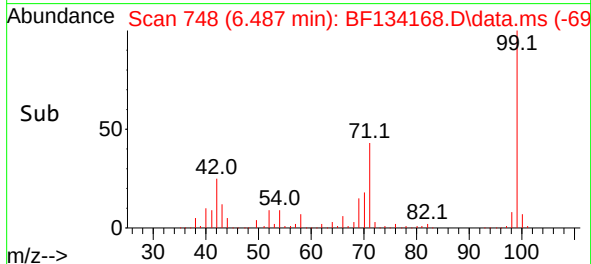
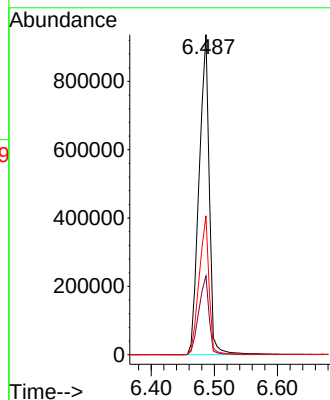
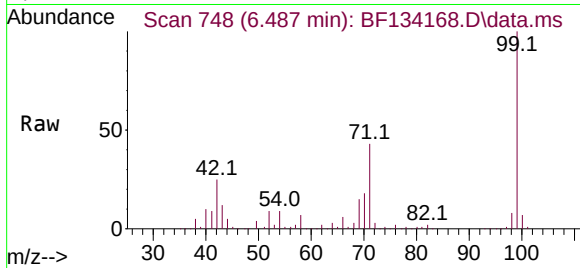
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 99 Resp: 1050744

Ion	Ratio	Lower	Upper
99	100		
42	24.6	19.8	29.6
71	43.4	31.9	47.9



#19

n-Nitroso-di-n-propylamine

Concen: 21.630 ng

RT: 7.410 min Scan# 905

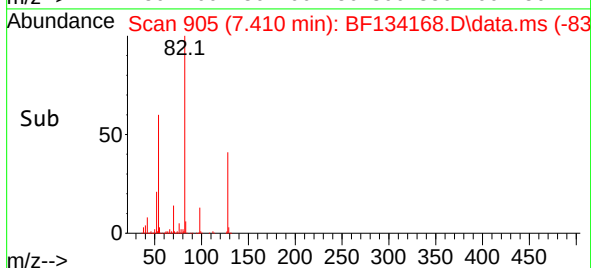
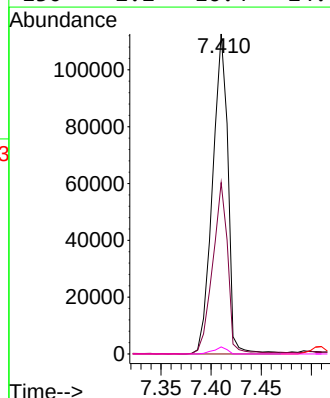
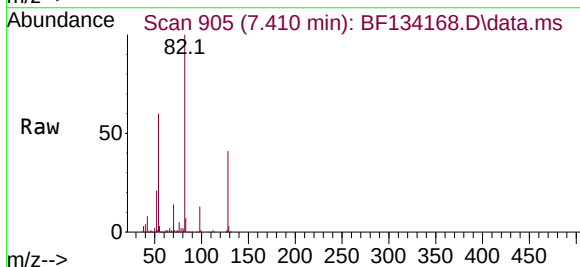
Delta R.T. 0.141 min

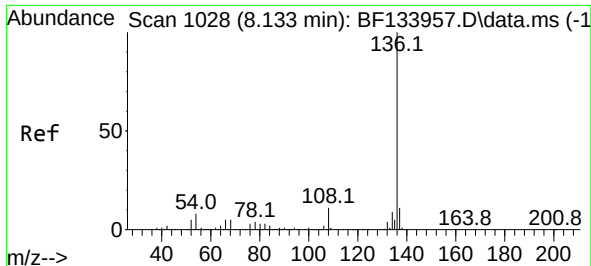
Lab File: BF134168.D

Acq: 09 Jul 2023 03:24

Tgt Ion: 70 Resp: 120415

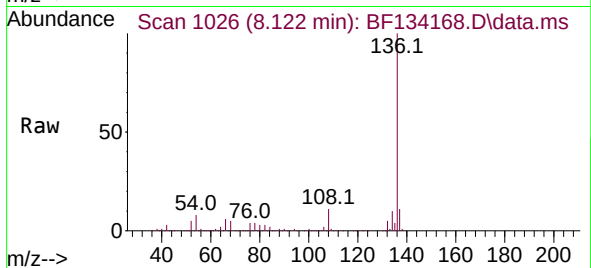
Ion	Ratio	Lower	Upper
70	100		
42	53.6	54.7	82.1#
101	0.0	7.7	11.5#
130	2.2	16.4	24.6#



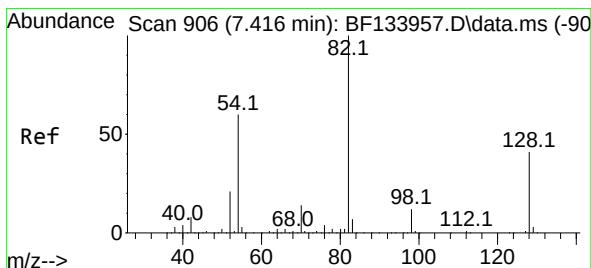
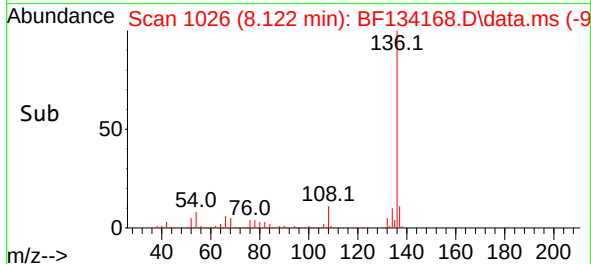
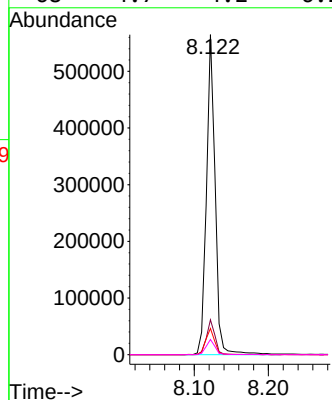


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134168.D
Acq: 09 Jul 2023 03:24

Instrument :
BNA_F
ClientSampleId :

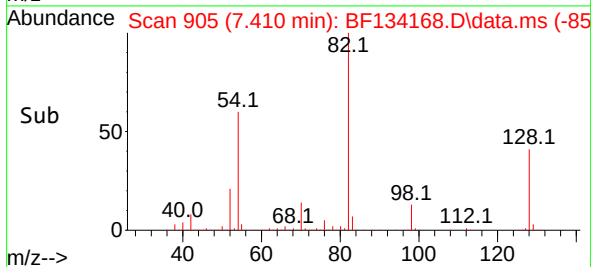
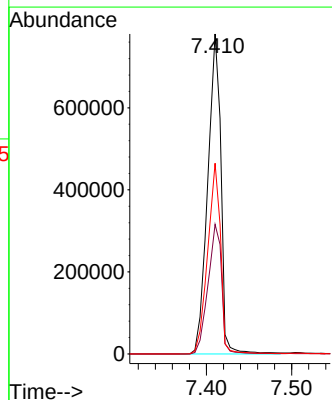
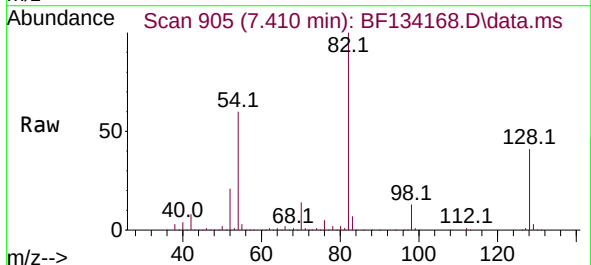


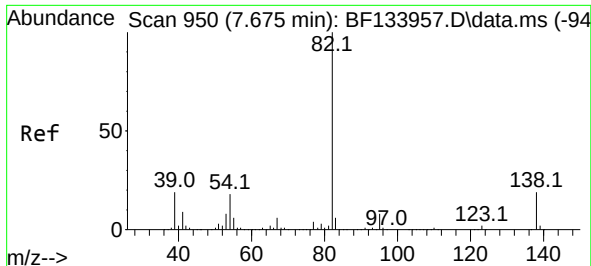
Tgt Ion:136 Resp: 462195
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.2 6.5 9.7
68 4.7 4.2 6.2



#23
Nitrobenzene-d5
Concen: 97.830 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134168.D
Acq: 09 Jul 2023 03:24

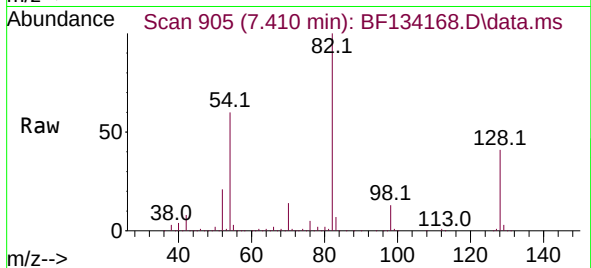
Tgt Ion: 82 Resp: 838810
Ion Ratio Lower Upper
82 100
128 40.5 32.5 48.7
54 59.6 48.2 72.2



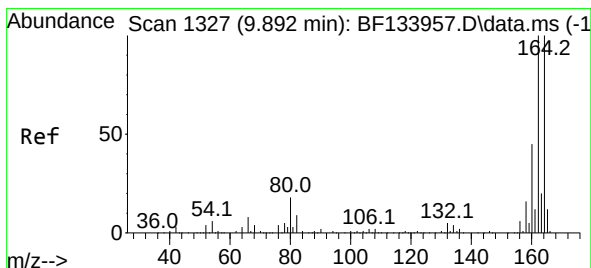
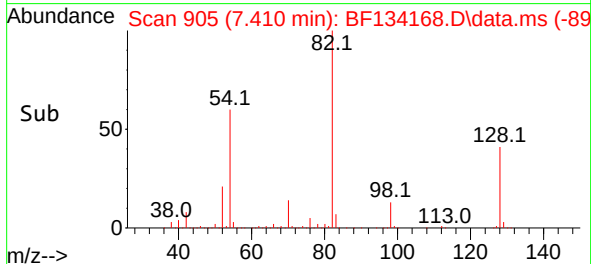
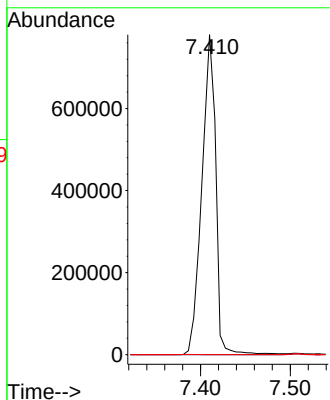


#25
Isophorone
Concen: 53.828 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134168.D
Acq: 09 Jul 2023 03:24

Instrument :
BNA_F
ClientSampleId :

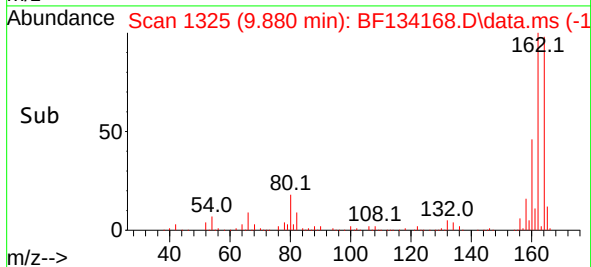
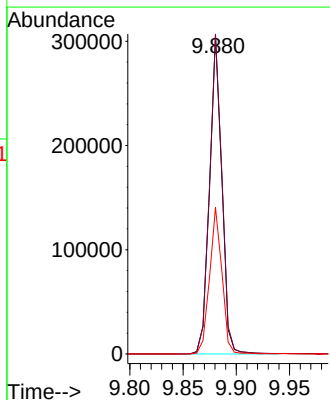
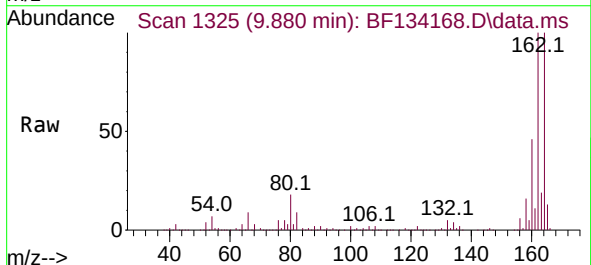


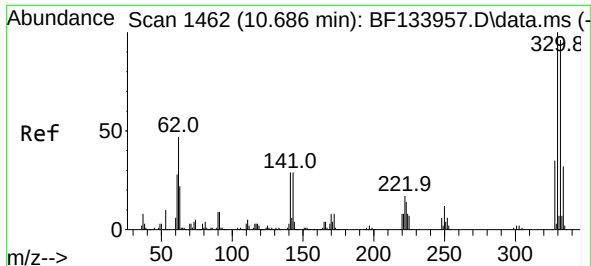
Tgt Ion: 82 Resp: 838798
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134168.D
Acq: 09 Jul 2023 03:24

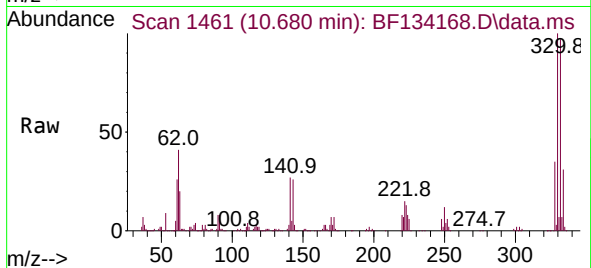
Tgt Ion:164 Resp: 244909
Ion Ratio Lower Upper
164 100
162 100.5 80.0 120.0
160 46.0 35.9 53.9



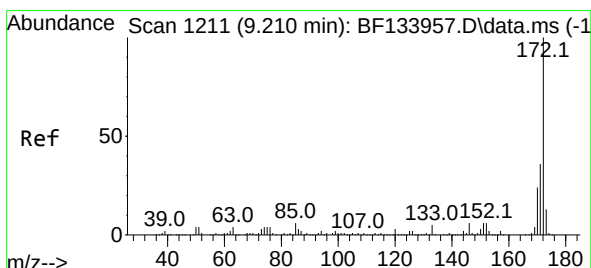
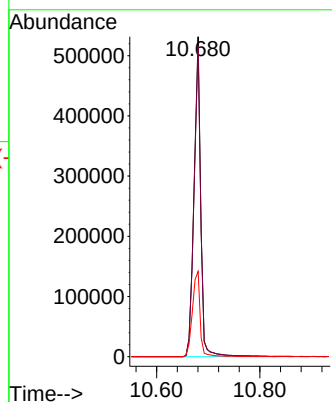
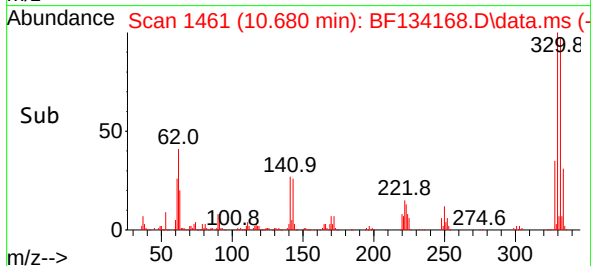


#42
2,4,6-Tribromophenol
Concen: 155.828 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF134168.D
Acq: 09 Jul 2023 03:24

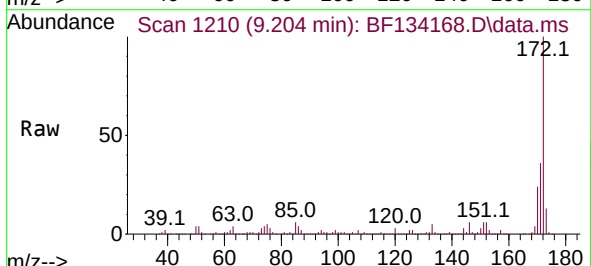
Instrument :
BNA_F
ClientSampleId :



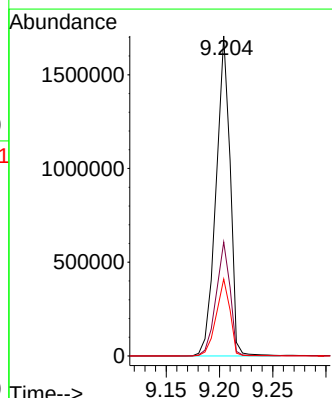
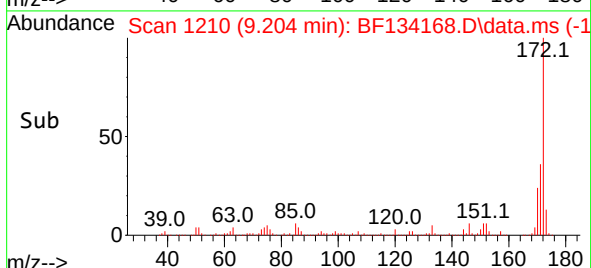
Tgt Ion:330 Resp: 478497
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 30.7 26.3 39.5

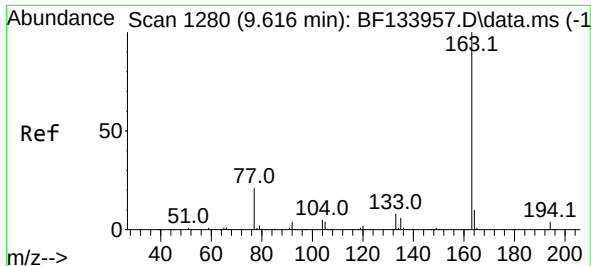


#45
2-Fluorobiphenyl
Concen: 92.861 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134168.D
Acq: 09 Jul 2023 03:24



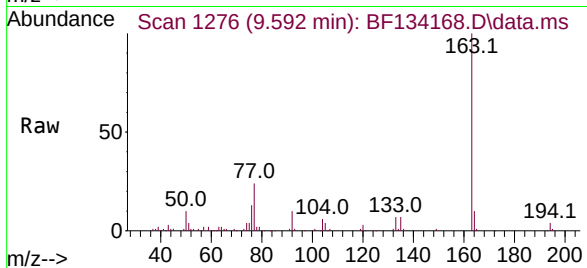
Tgt Ion:172 Resp: 1564254
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.0 19.4 29.0



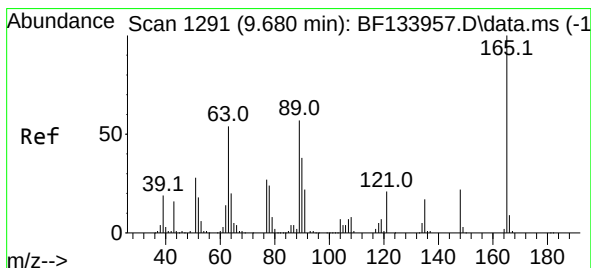
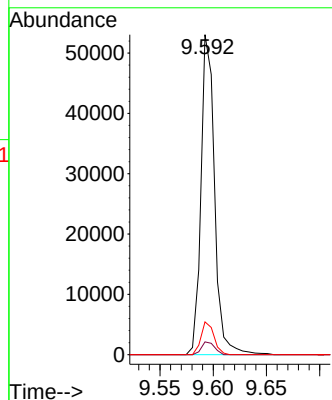
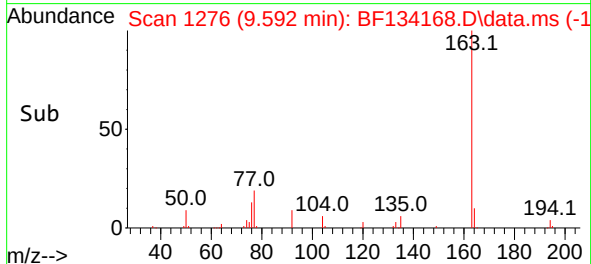


#50
Dimethylphthalate
Concen: 2.664 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF134168.D
Acq: 09 Jul 2023 03:24

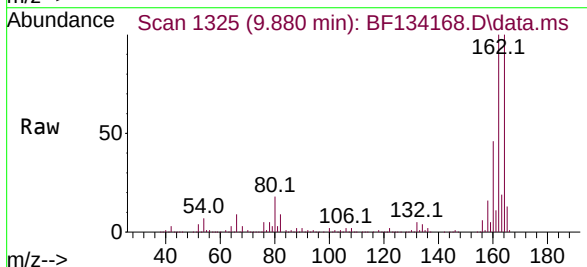
Instrument :
BNA_F
ClientSampleId :



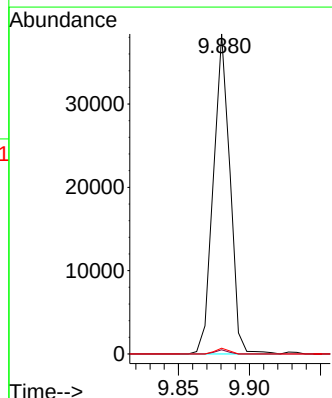
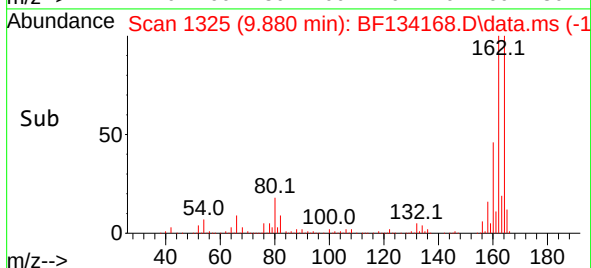
Tgt Ion:163 Resp: 47356
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.3 8.2 12.2

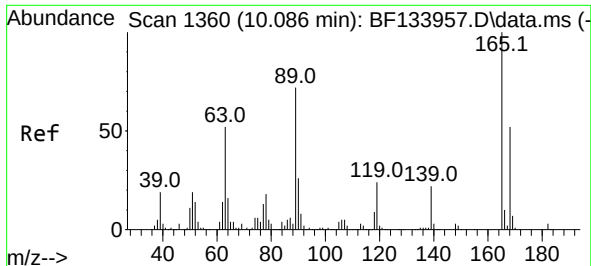


#51
2,6-Dinitrotoluene
Concen: 8.147 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF134168.D
Acq: 09 Jul 2023 03:24



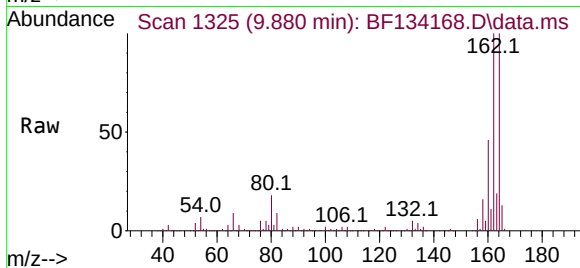
Tgt Ion:165 Resp: 31194
Ion Ratio Lower Upper
165 100
63 1.3 48.5 72.7#
89 1.8 45.5 68.3#



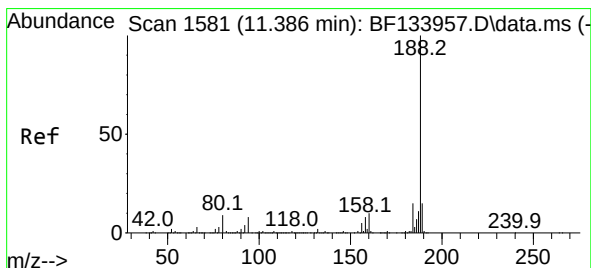
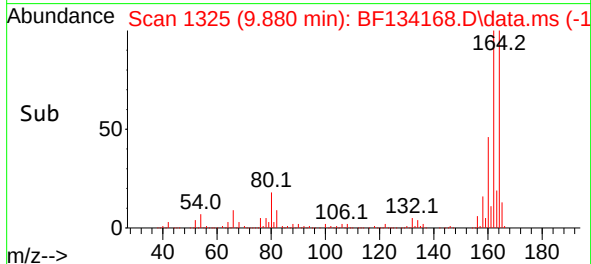
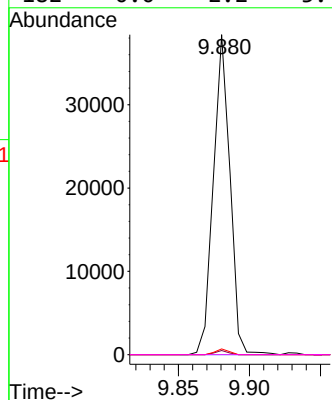


#57
2,4-Dinitrotoluene
Concen: 6.169 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134168.D
Acq: 09 Jul 2023 03:24

Instrument :
BNA_F
ClientSampleId :

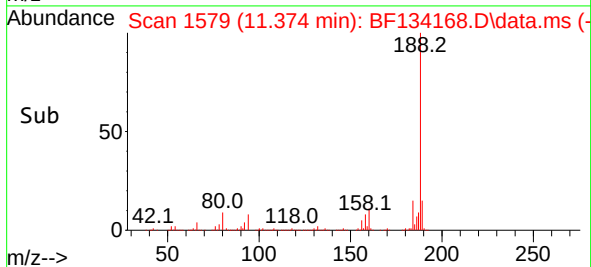
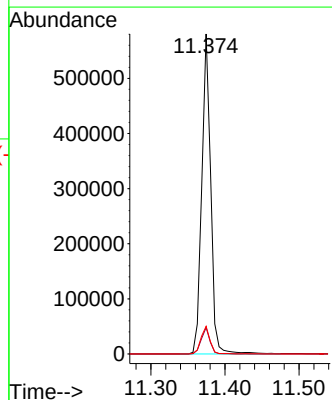
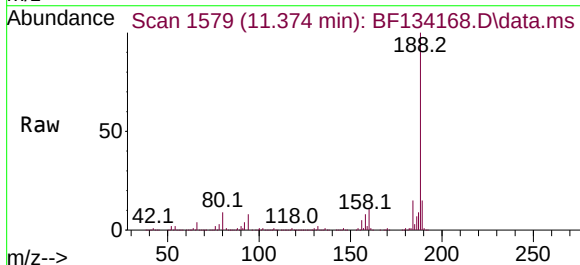


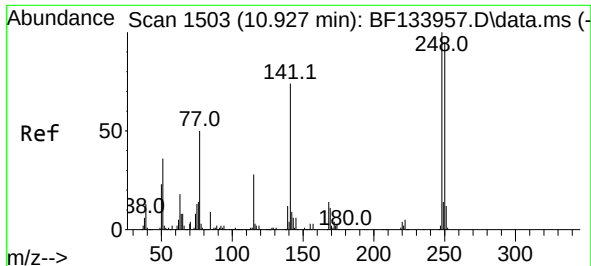
Tgt Ion:165 Resp: 31194
Ion Ratio Lower Upper
165 100
63 1.3 42.2 63.2#
89 1.8 57.4 86.2#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF134168.D
Acq: 09 Jul 2023 03:24

Tgt Ion:188 Resp: 485659
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.7 7.3 10.9





#67

4-Bromophenyl-phenylether

Concen: 5.502 ng

RT: 10.680 min Scan# 14

Delta R.T. -0.247 min

Lab File: BF134168.D

Acq: 09 Jul 2023 03:24

Instrument :

BNA_F

ClientSampleId :

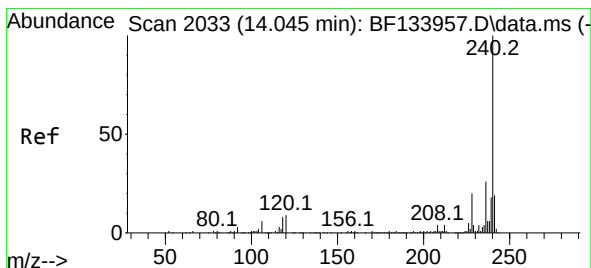
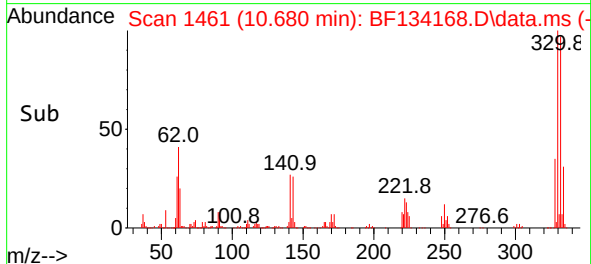
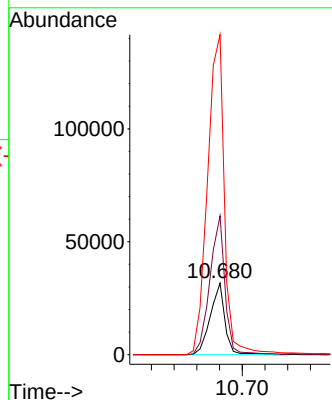
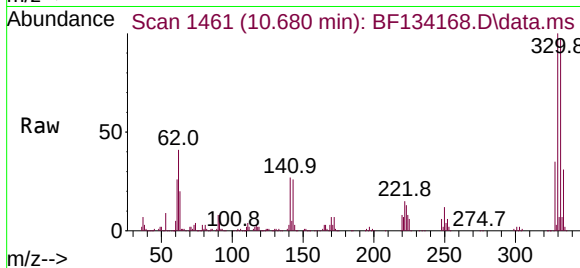
Tgt Ion:248 Resp: 28403

Ion Ratio Lower Upper

248 100

250 194.3 76.2 114.4#

141 447.8 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: BF134168.D

Acq: 09 Jul 2023 03:24

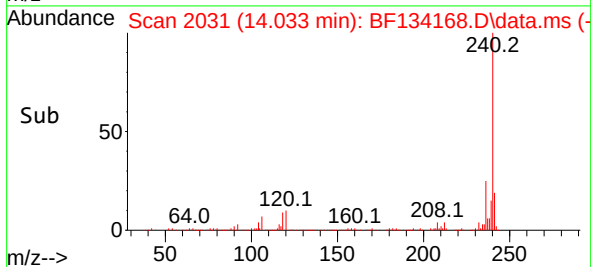
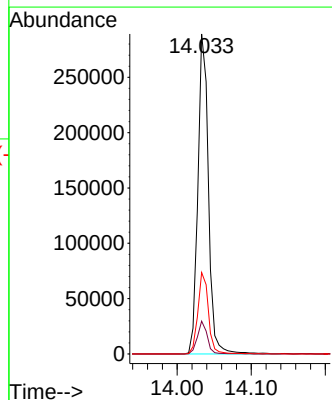
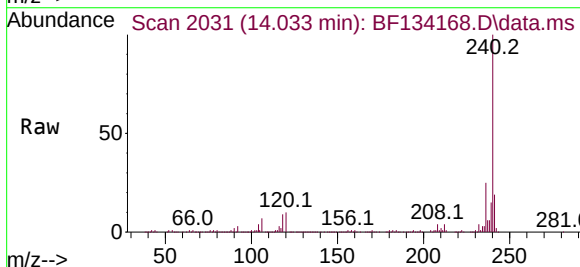
Tgt Ion:240 Resp: 285226

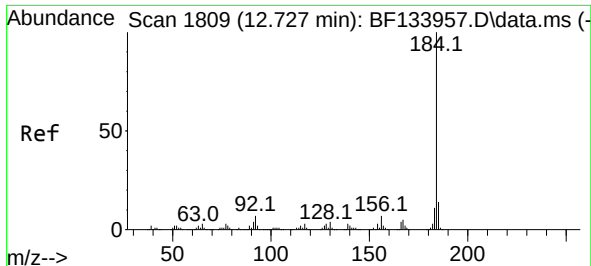
Ion Ratio Lower Upper

240 100

120 10.2 7.4 11.0

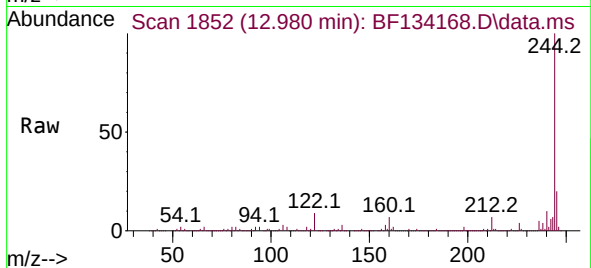
236 25.5 21.0 31.6



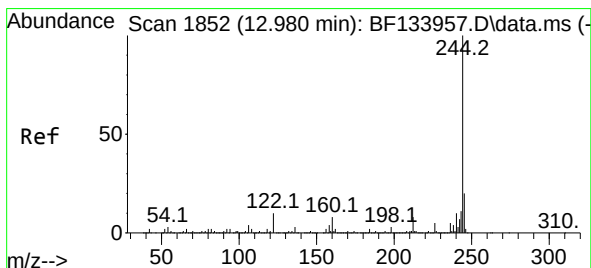
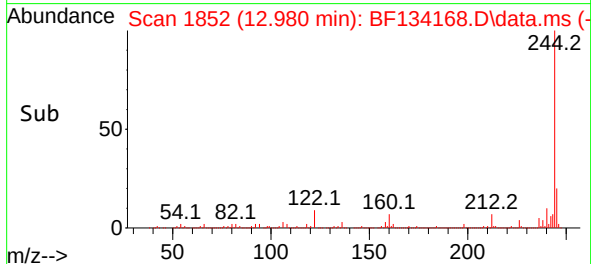
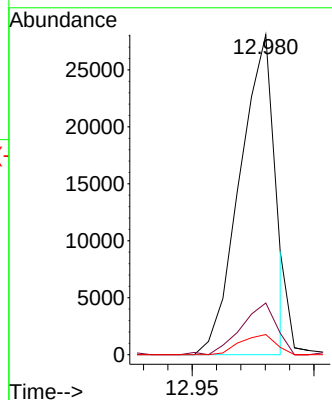


#77
Benzidine
Concen: 4.173 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF134168.D
Acq: 09 Jul 2023 03:24

Instrument :
BNA_F
ClientSampleId :

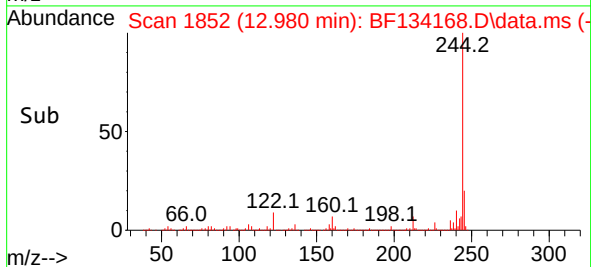
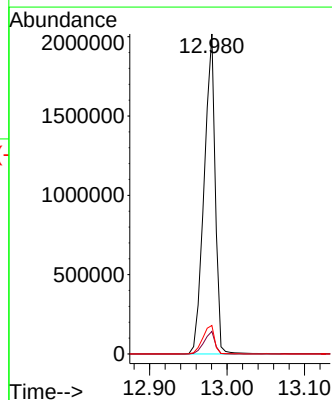
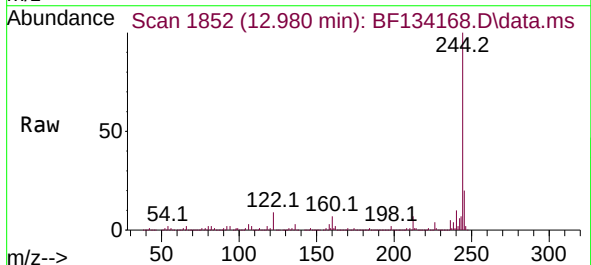


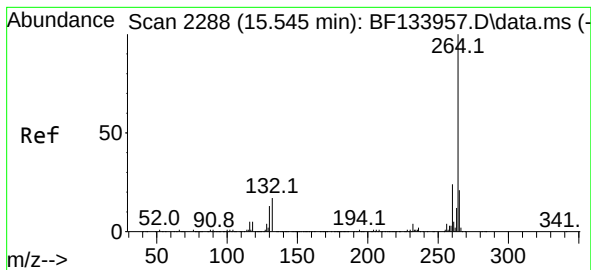
Tgt Ion:184 Resp: 28320
Ion Ratio Lower Upper
184 100
185 16.1 11.6 17.4
183 6.3 8.8 13.2#



#79
Terphenyl-d14
Concen: 113.141 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF134168.D
Acq: 09 Jul 2023 03:24

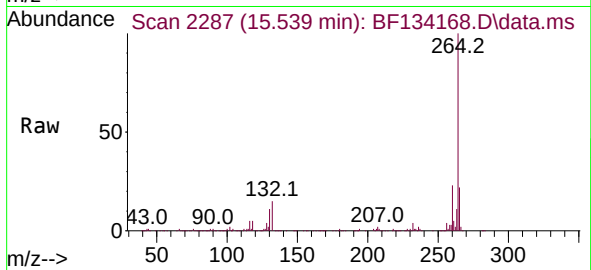
Tgt Ion:244 Resp: 2005122
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 8.9 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134168.D
Acq: 09 Jul 2023 03:24

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 237272
Ion Ratio Lower Upper
264 100
260 23.5 19.5 29.3
265 21.8 16.6 25.0

