

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
 Data File : BF134184.D
 Acq On : 10 Jul 2023 13:54
 Operator : CG\JU
 Sample : PB154009BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 10 15:55:45 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)

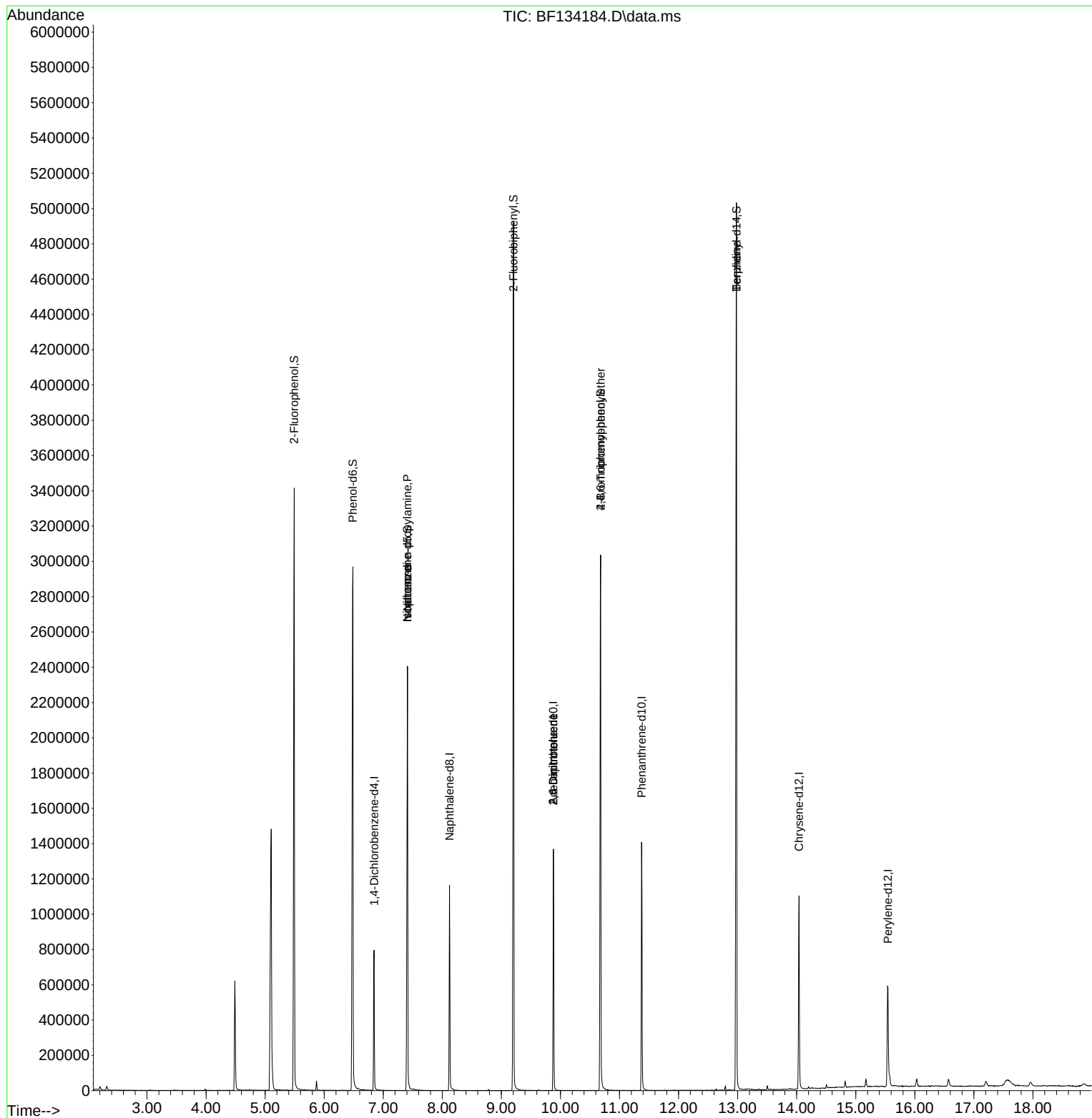
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	122821	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	486002	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	263086	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	542126	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	394171	20.000	ng	-0.01
86) Perylene-d12	15.545	264	315744	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	925535	126.054	ng	0.00
7) Phenol-d6	6.487	99	1118267	123.844	ng	0.00
23) Nitrobenzene-d5	7.410	82	771684	85.592	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	427089	129.477	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1464714	80.945	ng	0.00
79) Terphenyl-d14	12.980	244	1948326	79.551	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.416	77	227	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	109258	19.080	ng	# 76
25) Isophorone	7.410	82	771676	47.095	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	33246	8.083	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	33246	6.120	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	25156	4.366	ng	# 1
77) Benizidine	12.980	184	26774	2.855	ng	# 93

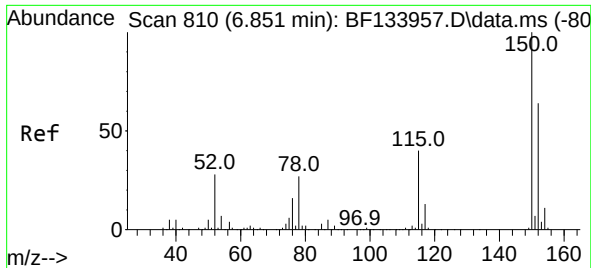
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
Data File : BF134184.D
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Misc :
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Instrument :
BNA_F
ClientSampleId :

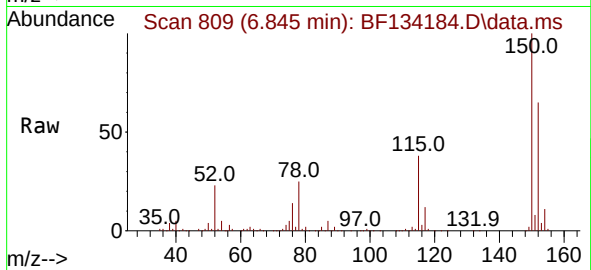
Quant Time: Jul 10 15:55:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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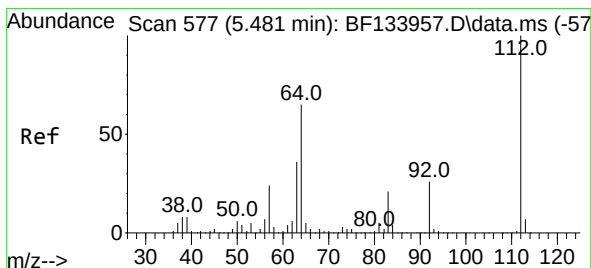
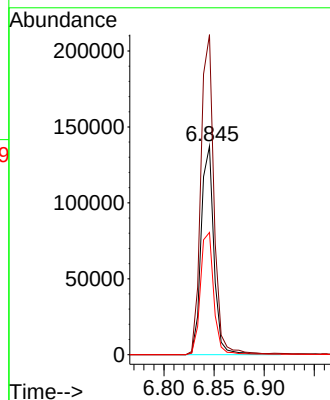
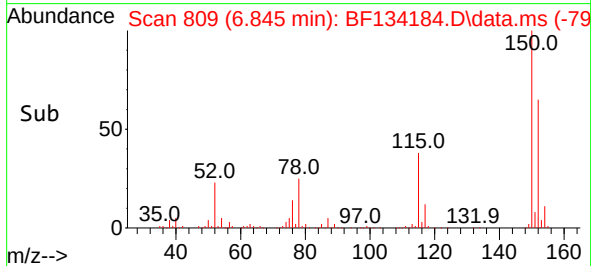


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF134184.D
 Acq: 10 Jul 2023 13:54

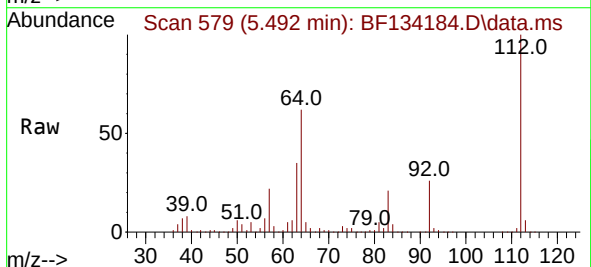
Instrument :
 BNA_F
 ClientSampleId :



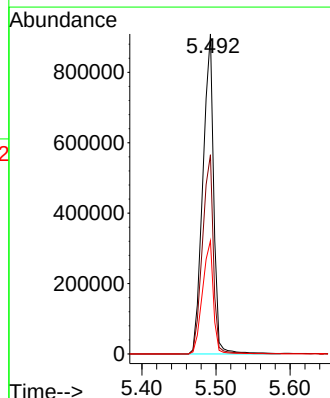
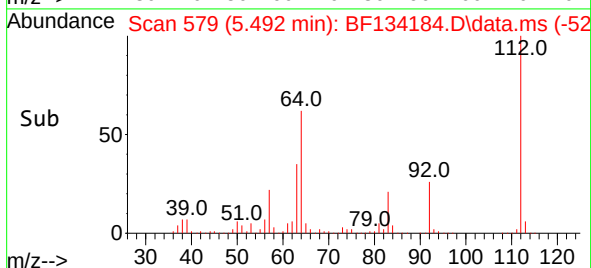
Tgt Ion:152 Resp: 122821
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.5 186.7
 115 58.7 50.2 75.2

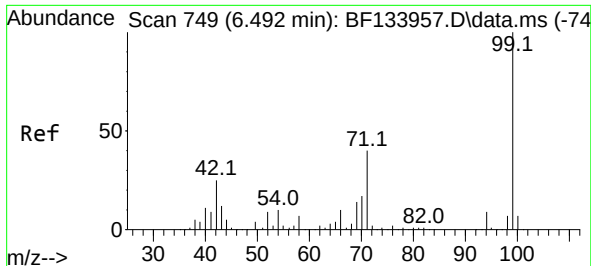


#5
 2-Fluorophenol
 Concen: 126.054 ng
 RT: 5.492 min Scan# 579
 Delta R.T. 0.006 min
 Lab File: BF134184.D
 Acq: 10 Jul 2023 13:54



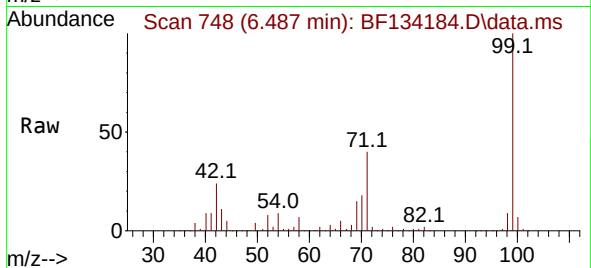
Tgt Ion:112 Resp: 925535
 Ion Ratio Lower Upper
 112 100
 64 62.3 52.1 78.1
 63 35.4 28.6 42.8





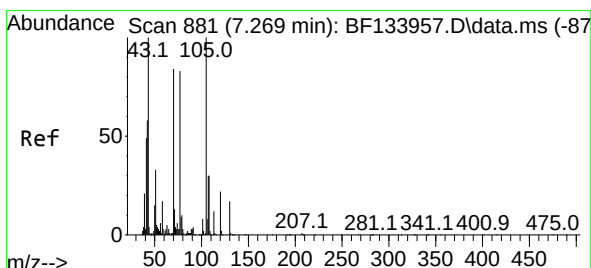
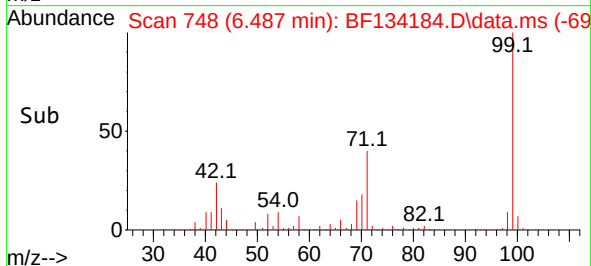
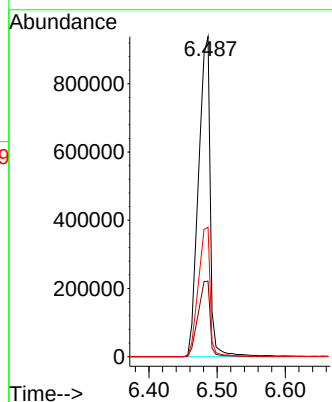
#7
Phenol-d6
Concen: 123.844 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134184.D
Acq: 10 Jul 2023 13:54

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1118267

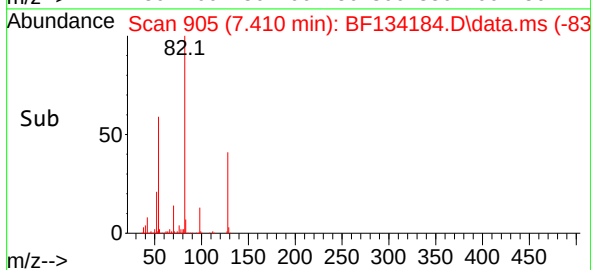
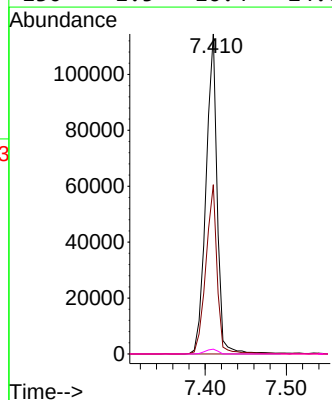
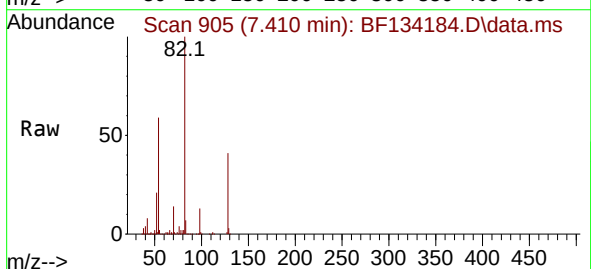
Ion	Ratio	Lower	Upper
99	100		
42	23.6	19.8	29.6
71	40.5	31.9	47.9

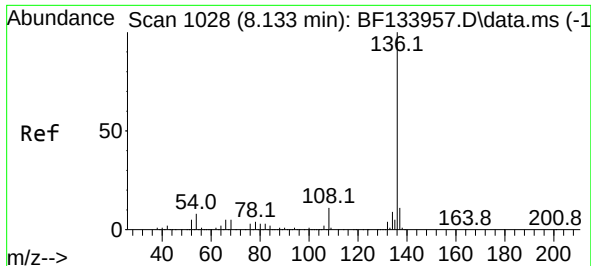


#19
n-Nitroso-di-n-propylamine
Concen: 19.080 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134184.D
Acq: 10 Jul 2023 13:54

Tgt Ion: 70 Resp: 109258

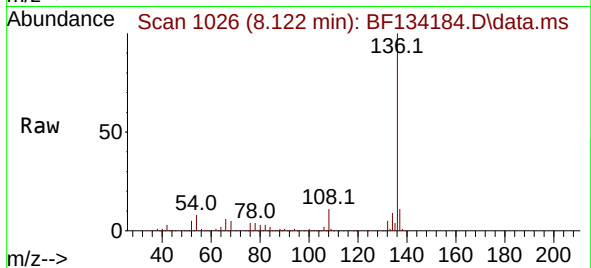
Ion	Ratio	Lower	Upper
70	100		
42	52.9	54.7	82.1#
101	0.0	7.7	11.5#
130	1.5	16.4	24.6#





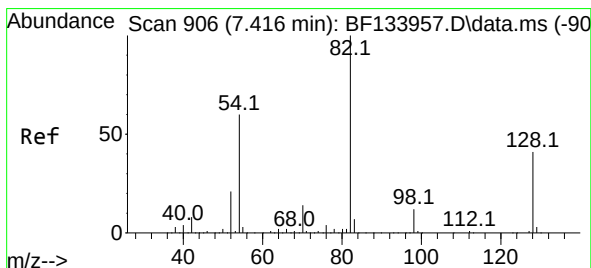
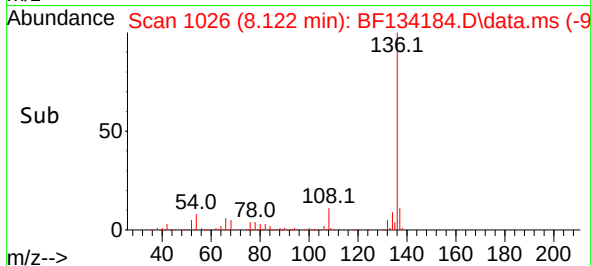
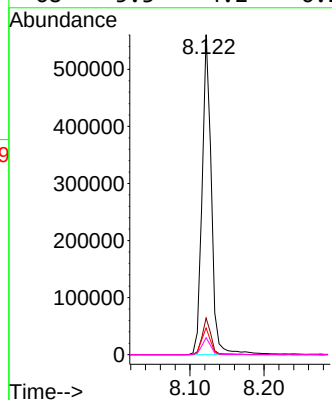
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134184.D
Acq: 10 Jul 2023 13:54

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 136 Resp: 486002

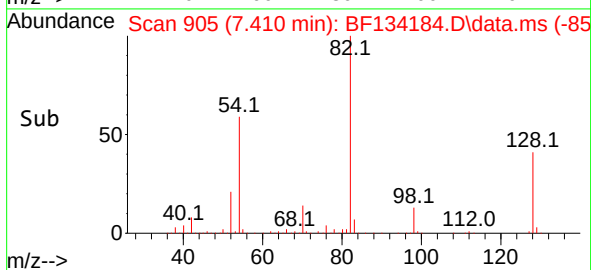
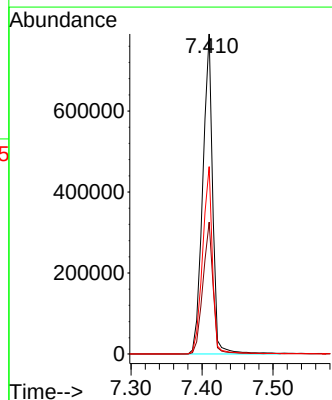
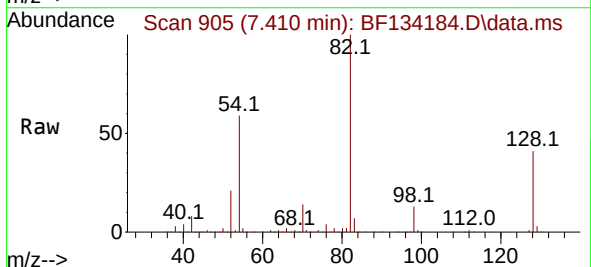
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	8.4	6.5	9.7
68	5.3	4.2	6.2

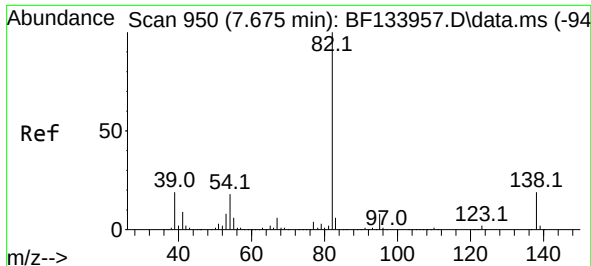


#23
Nitrobenzene-d5
Concen: 85.592 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134184.D
Acq: 10 Jul 2023 13:54

Tgt Ion: 82 Resp: 771684

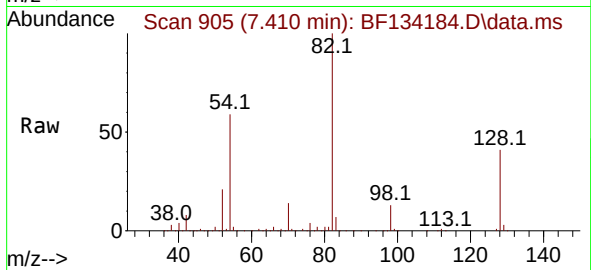
Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.5	48.7
54	58.6	48.2	72.2



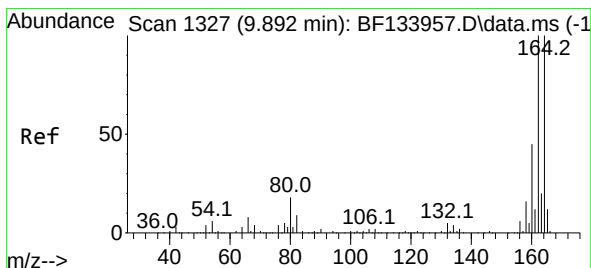
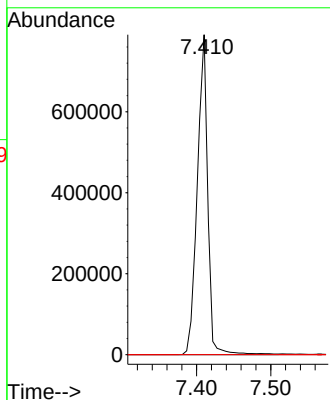
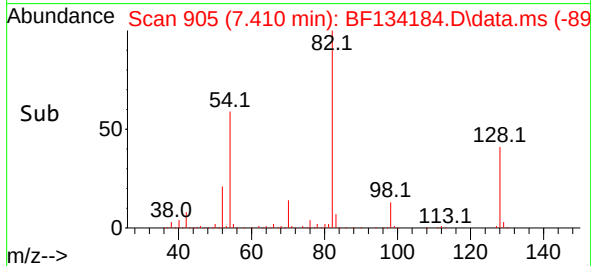


#25
Isophorone
Concen: 47.095 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134184.D
Acq: 10 Jul 2023 13:54

Instrument :
BNA_F
ClientSampleId :

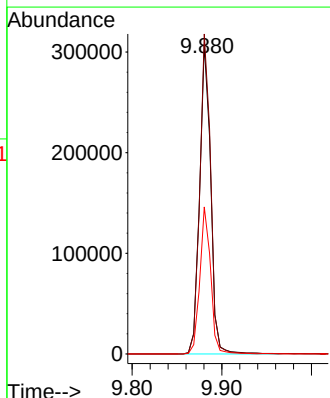
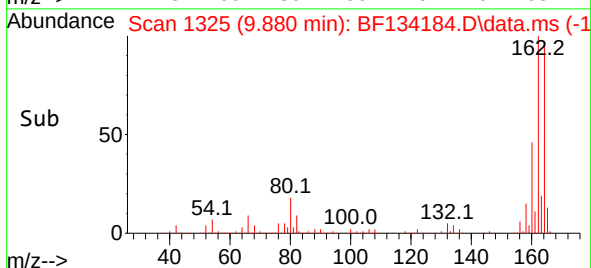
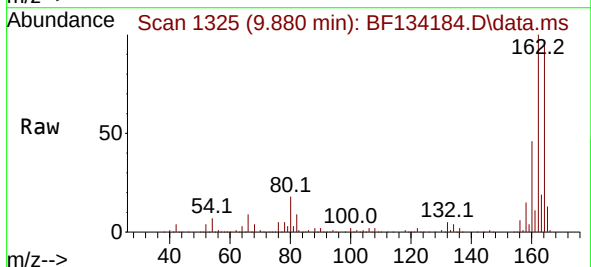


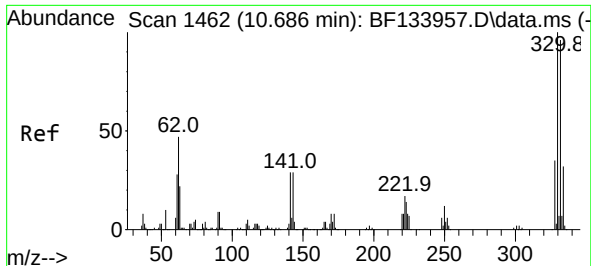
Tgt Ion: 82 Resp: 771676
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134184.D
Acq: 10 Jul 2023 13:54

Tgt Ion:164 Resp: 263086
Ion Ratio Lower Upper
164 100
162 103.5 80.0 120.0
160 47.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 129.477 ng

RT: 10.680 min Scan# 1462

Delta R.T. -0.006 min

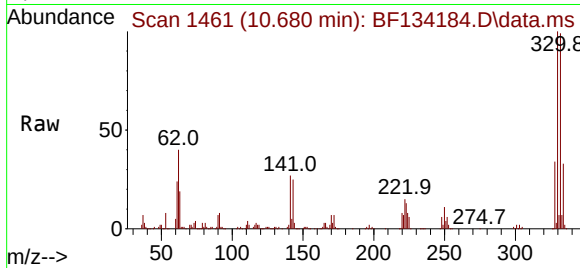
Lab File: BF134184.D

Acq: 10 Jul 2023 13:54

Instrument :

BNA_F

ClientSampleId :



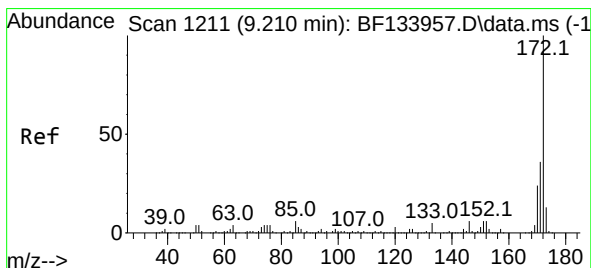
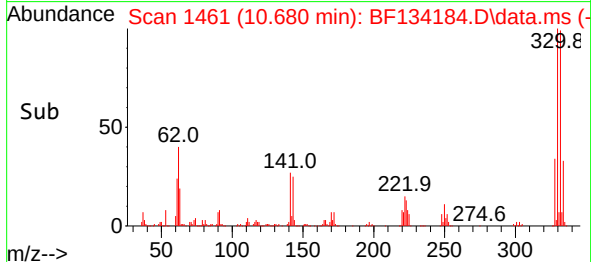
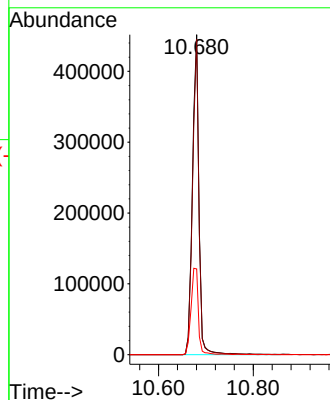
Tgt Ion:330 Resp: 427089

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

141 30.3 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 80.945 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134184.D

Acq: 10 Jul 2023 13:54

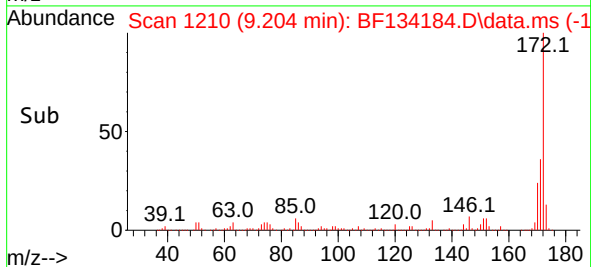
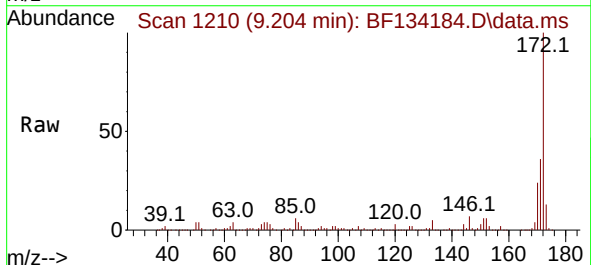
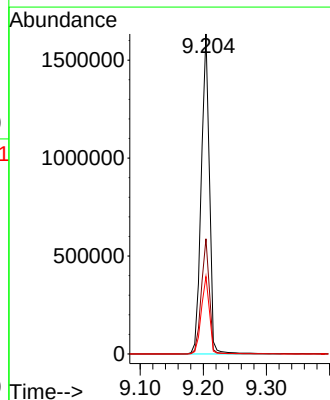
Tgt Ion:172 Resp: 1464714

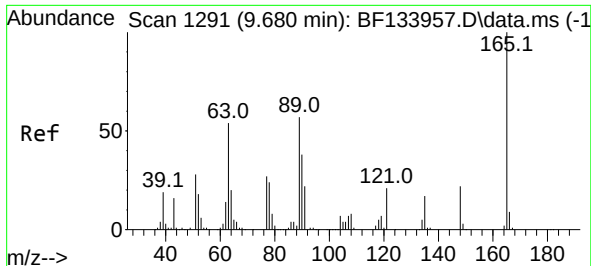
Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 24.2 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.083 ng

RT: 9.880 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF134184.D

Acq: 10 Jul 2023 13:54

Instrument :

BNA_F

ClientSampleId :

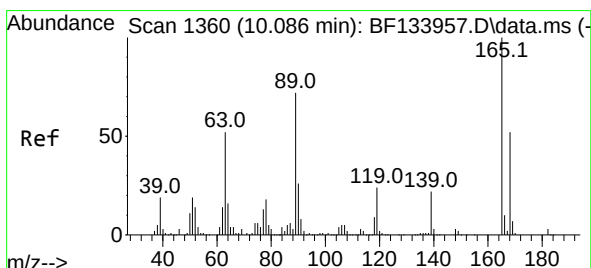
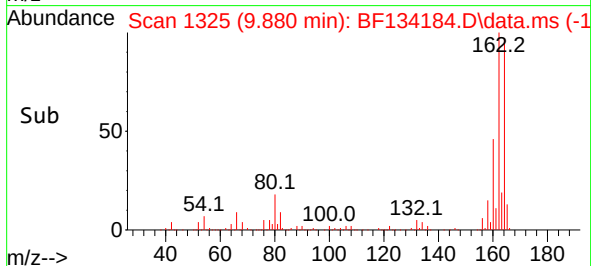
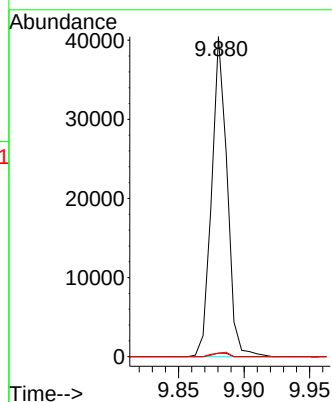
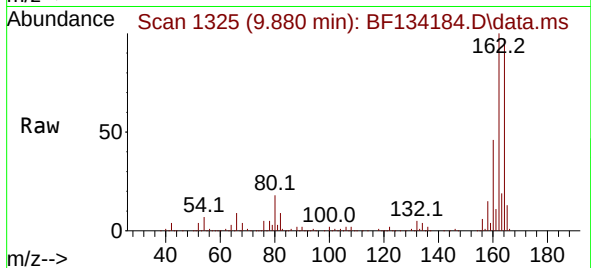
Tgt Ion:165 Resp: 33246

Ion Ratio Lower Upper

165 100

63 1.1 48.5 72.7#

89 1.1 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.120 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.206 min

Lab File: BF134184.D

Acq: 10 Jul 2023 13:54

Tgt Ion:165 Resp: 33246

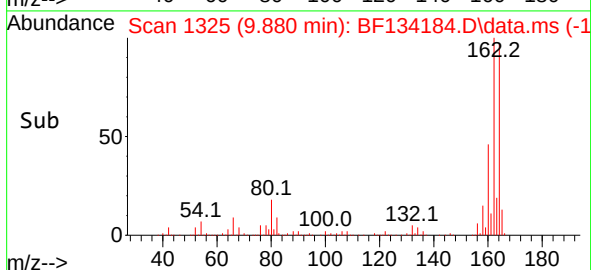
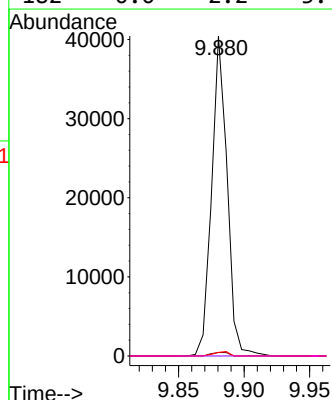
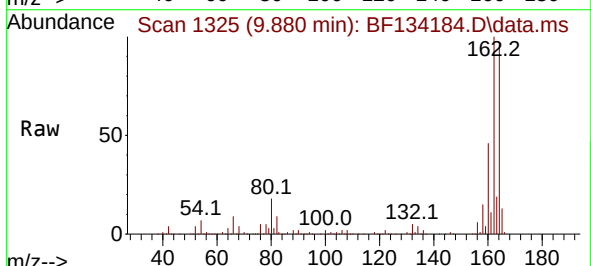
Ion Ratio Lower Upper

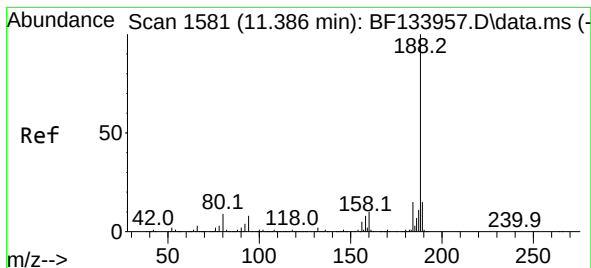
165 100

63 1.1 42.2 63.2#

89 1.1 57.4 86.2#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134184.D

Acq: 10 Jul 2023 13:54

Instrument :

BNA_F

ClientSampleId :

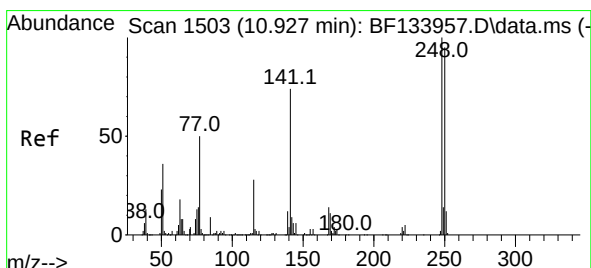
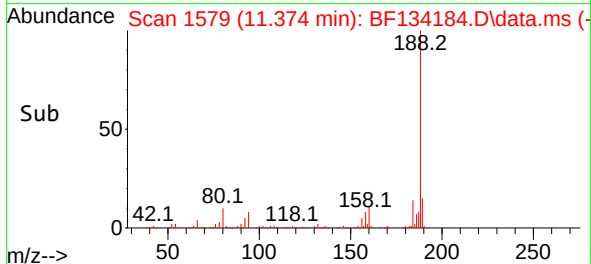
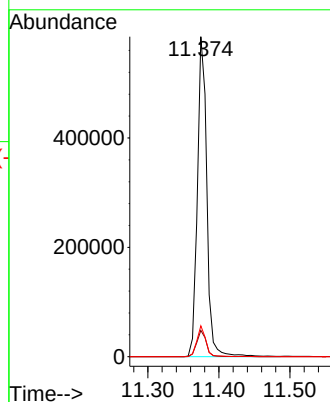
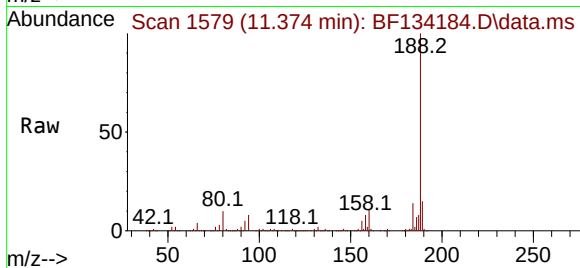
Tgt Ion:188 Resp: 542126

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 9.7 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.366 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.247 min

Lab File: BF134184.D

Acq: 10 Jul 2023 13:54

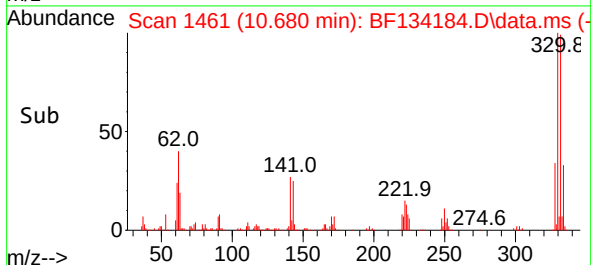
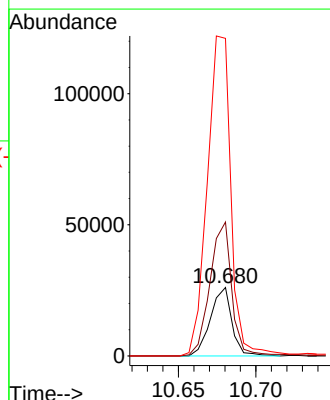
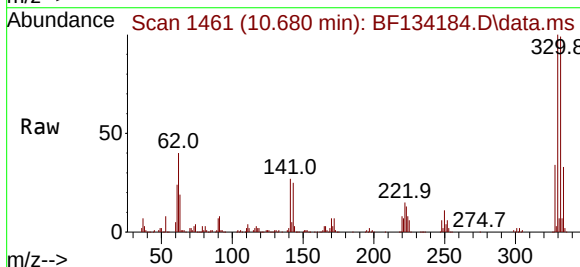
Tgt Ion:248 Resp: 25156

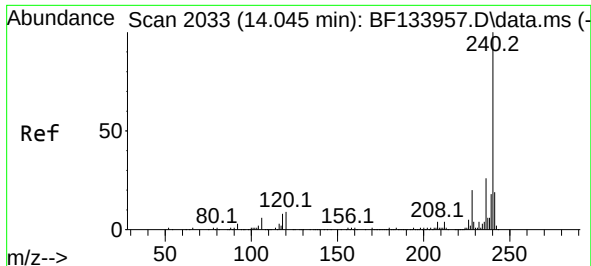
Ion Ratio Lower Upper

248 100

250 195.5 76.2 114.4#

141 463.6 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2033

Delta R.T. -0.012 min

Lab File: BF134184.D

Acq: 10 Jul 2023 13:54

Instrument :

BNA_F

ClientSampleId :

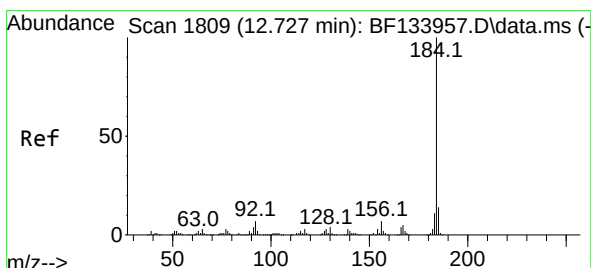
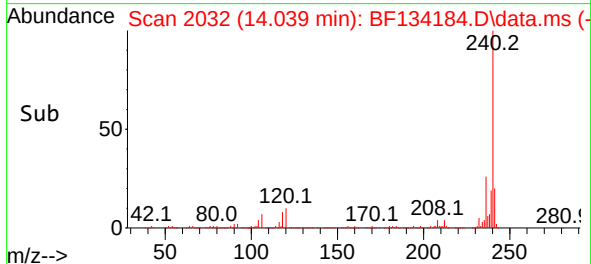
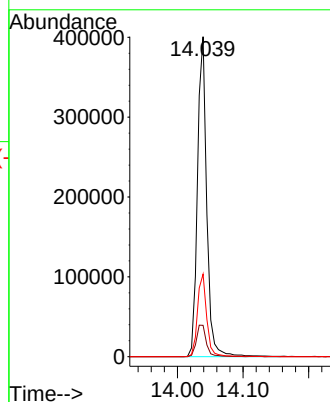
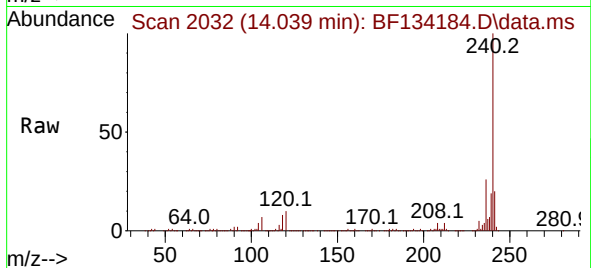
Tgt Ion:240 Resp: 394171

Ion Ratio Lower Upper

240 100

120 9.8 7.4 11.0

236 25.8 21.0 31.6



#77

Benzidine

Concen: 2.855 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.253 min

Lab File: BF134184.D

Acq: 10 Jul 2023 13:54

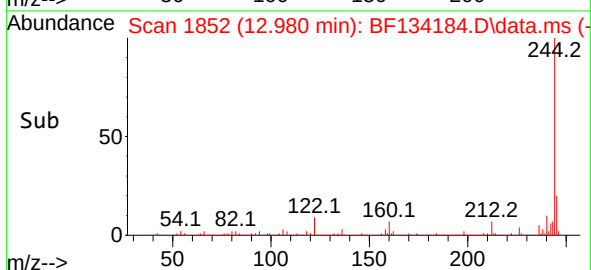
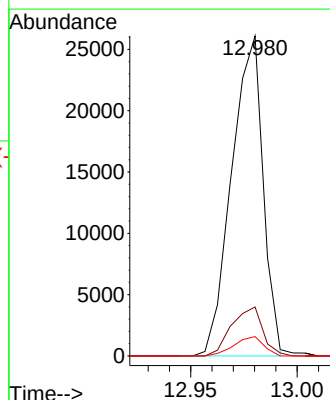
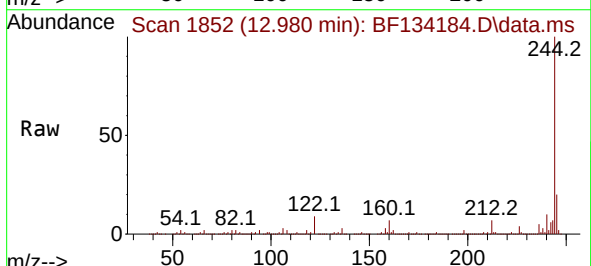
Tgt Ion:184 Resp: 26774

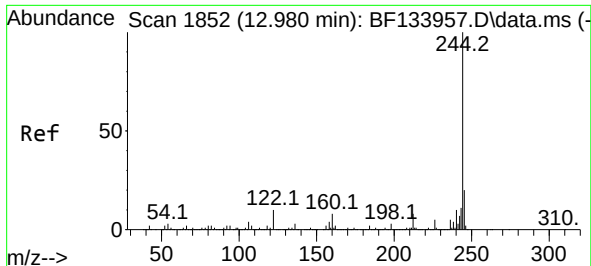
Ion Ratio Lower Upper

184 100

185 15.3 11.6 17.4

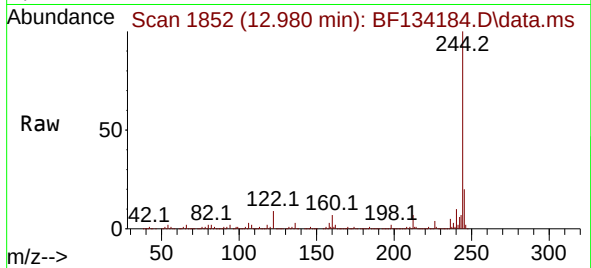
183 6.0 8.8 13.2#



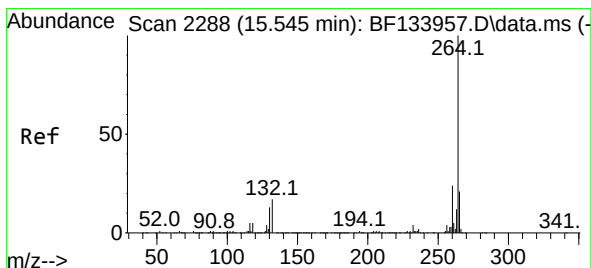
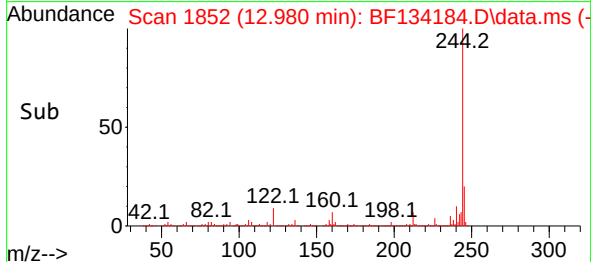
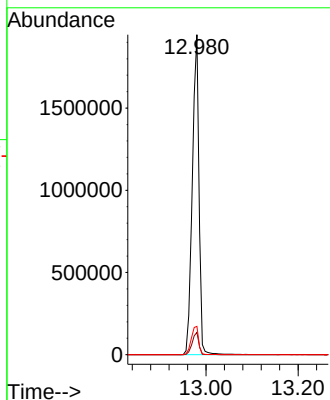


#79
 Terphenyl-d14
 Concen: 79.551 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134184.D
 Acq: 10 Jul 2023 13:54

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1948326
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF134184.D
 Acq: 10 Jul 2023 13:54

Tgt Ion:264 Resp: 315744
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 21.1 16.6 25.0

