

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134117.D
 Acq On : 07 Jul 2023 02:29
 Operator : CG\JU
 Sample : 03376-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Quant Time: Jul 07 04:10:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

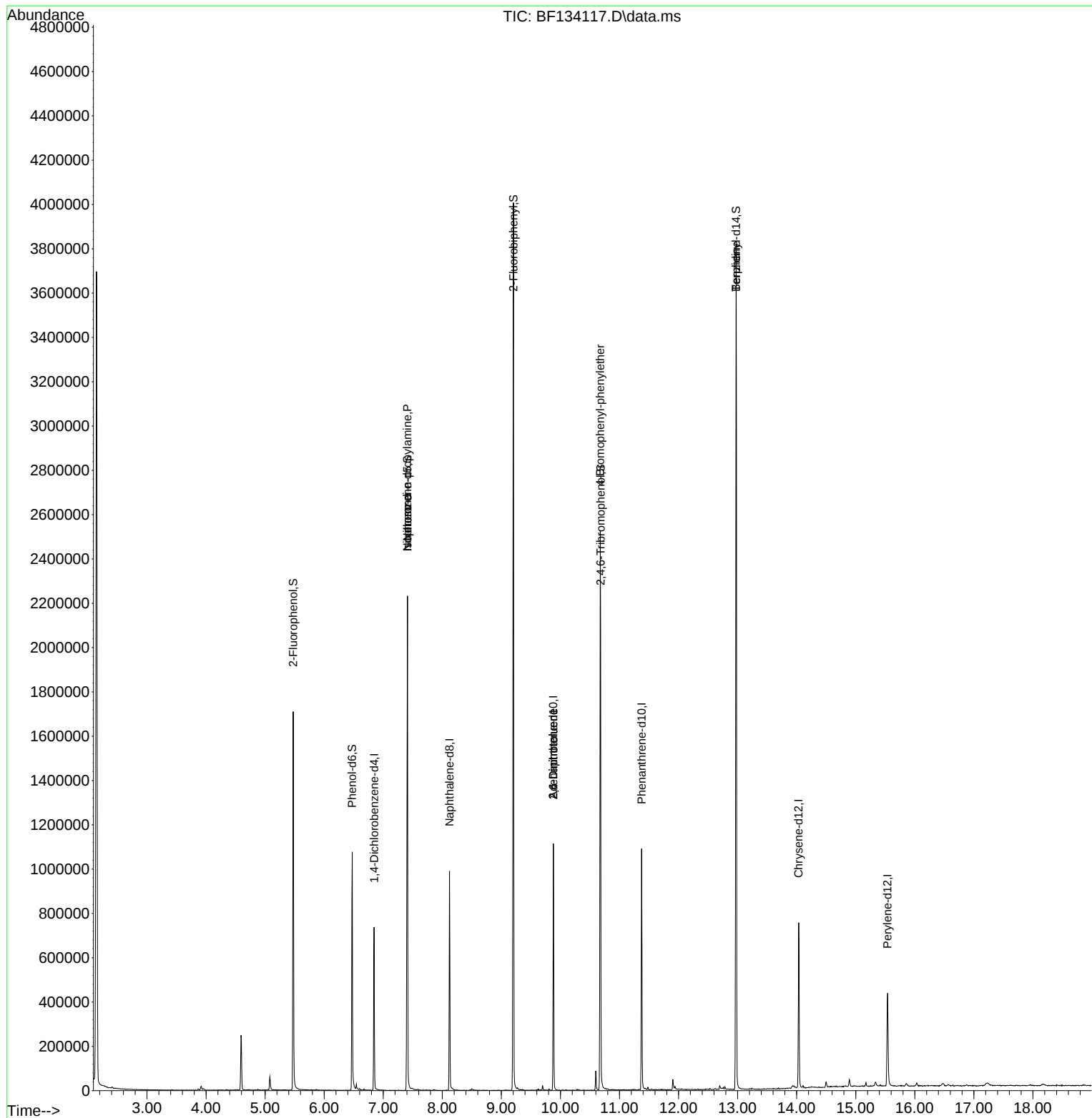
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	106166	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	405068	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	202772	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	396432	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	262392	20.000	ng	-0.02
86) Perylene-d12	15.539	264	218553	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	418259	65.902	ng	-0.01
7) Phenol-d6	6.475	99	321525	41.194	ng	-0.02
23) Nitrobenzene-d5	7.410	82	661576	88.041	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	329479	129.596	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1173086	84.111	ng	0.00
79) Terphenyl-d14	12.974	244	1415897	86.846	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	413	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	94682	19.128	ng	# 76
25) Isophorone	7.410	82	661570	48.442	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	25590	8.072	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	25590	6.112	ng	# 22
67) 4-Bromophenyl-phenylether	10.674	248	19816	4.703	ng	# 1
77) Benzydine	12.974	184	19986	3.201	ng	# 95

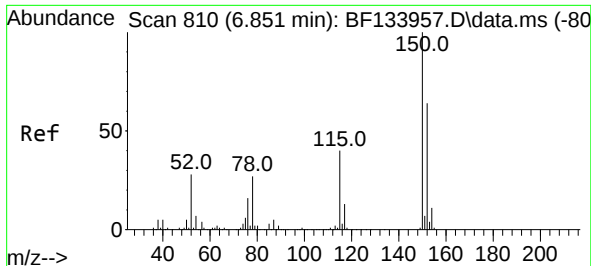
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
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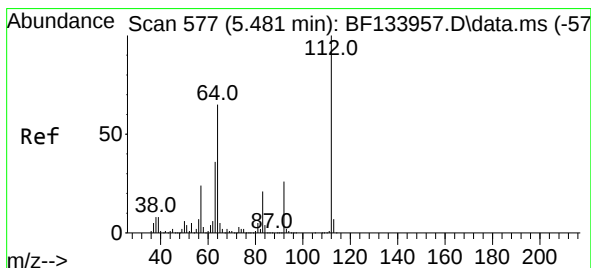
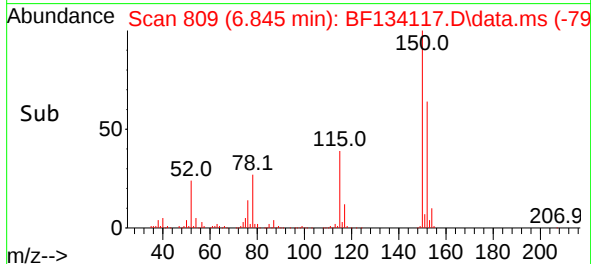
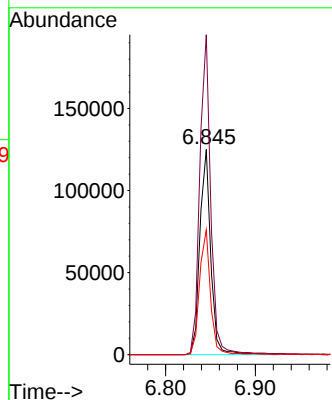
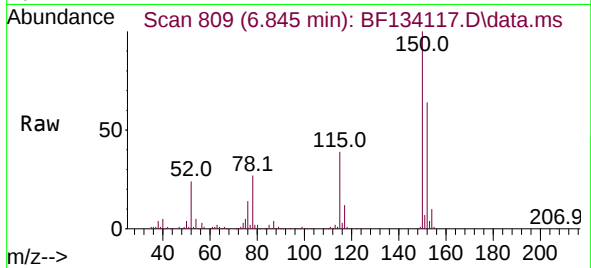




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 809
 Delta R.T. -0.006 min
 Lab File: BF134117.D
 Acq: 07 Jul 2023 02:29

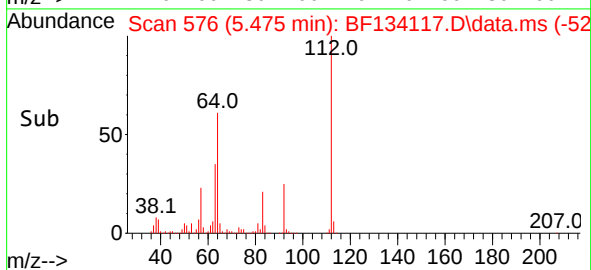
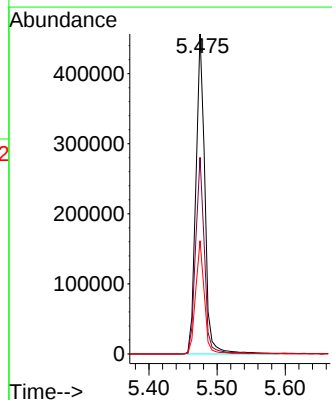
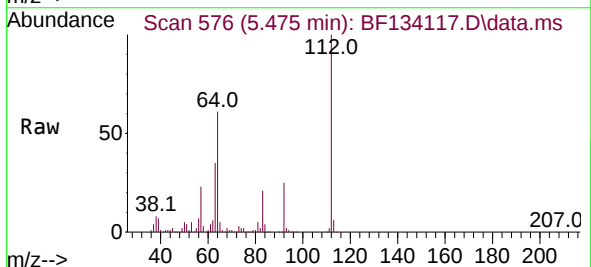
Instrument :
 BNA_F
 ClientSampleId :
 TW-1

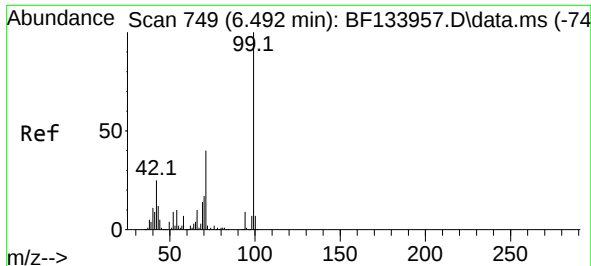
Tgt Ion:152 Resp: 106166
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.5 186.7
 115 60.8 50.2 75.2



#5
 2-Fluorophenol
 Concen: 65.902 ng
 RT: 5.475 min Scan# 576
 Delta R.T. -0.012 min
 Lab File: BF134117.D
 Acq: 07 Jul 2023 02:29

Tgt Ion:112 Resp: 418259
 Ion Ratio Lower Upper
 112 100
 64 61.4 52.1 78.1
 63 35.4 28.6 42.8



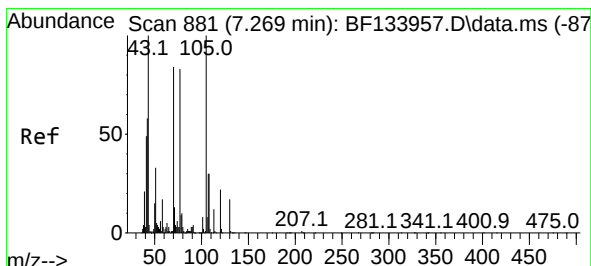
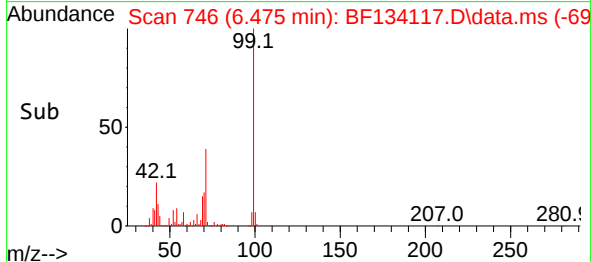
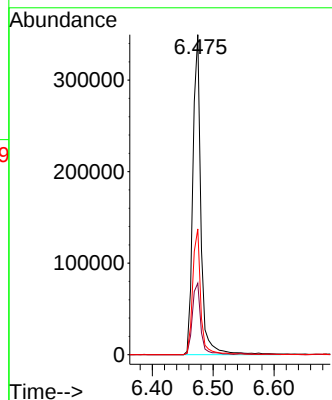
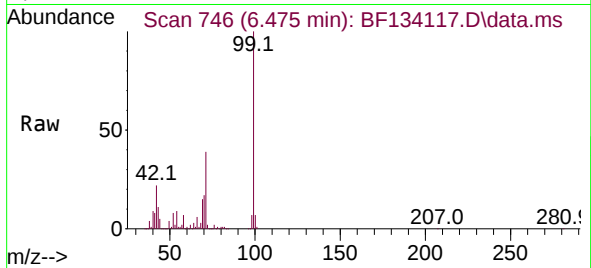


#7
Phenol-d6
Concen: 41.194 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF134117.D
Acq: 07 Jul 2023 02:29

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion: 99 Resp: 321525

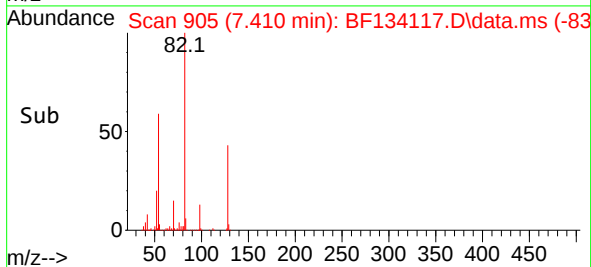
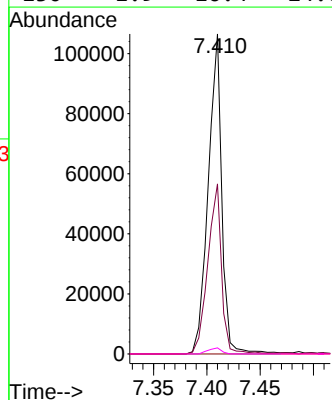
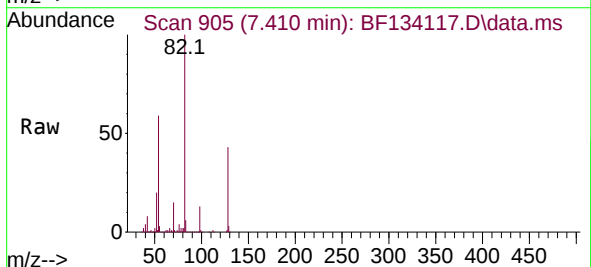
Ion	Ratio	Lower	Upper
99	100		
42	22.3	19.8	29.6
71	39.3	31.9	47.9

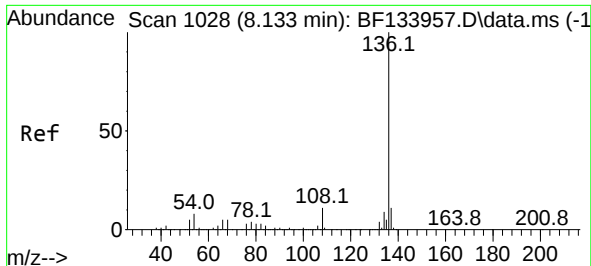


#19
n-Nitroso-di-n-propylamine
Concen: 19.128 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134117.D
Acq: 07 Jul 2023 02:29

Tgt Ion: 70 Resp: 94682

Ion	Ratio	Lower	Upper
70	100		
42	53.1	54.7	82.1#
101	0.0	7.7	11.5#
130	1.9	16.4	24.6#



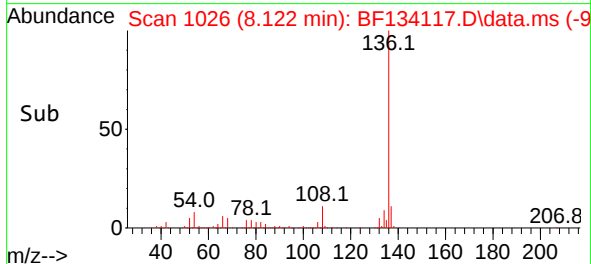
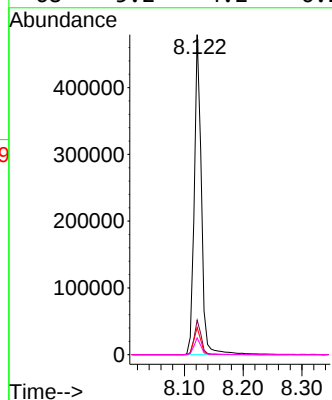
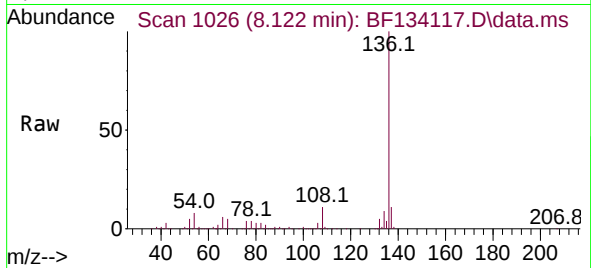


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134117.D
Acq: 07 Jul 2023 02:29

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion:136 Resp: 405068

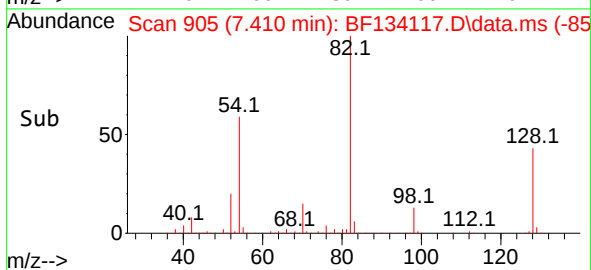
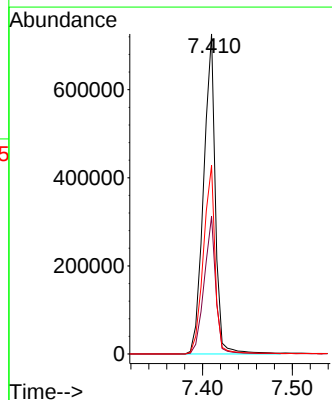
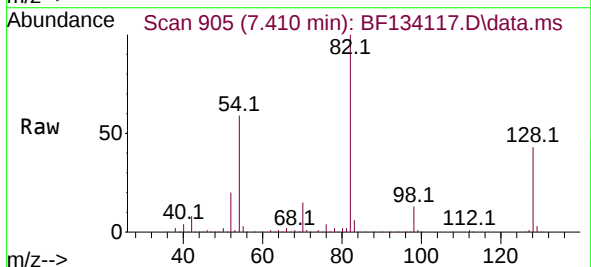
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	8.5	6.5	9.7
68	5.2	4.2	6.2



#23
Nitrobenzene-d5
Concen: 88.041 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134117.D
Acq: 07 Jul 2023 02:29

Tgt Ion: 82 Resp: 661576

Ion	Ratio	Lower	Upper
82	100		
128	43.0	32.5	48.7
54	58.9	48.2	72.2

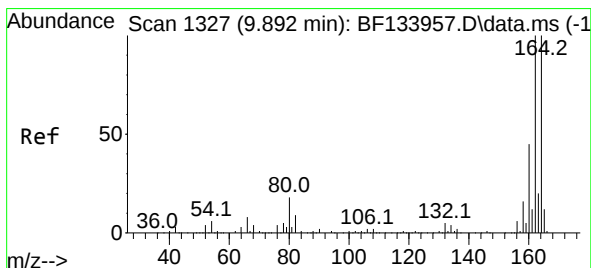
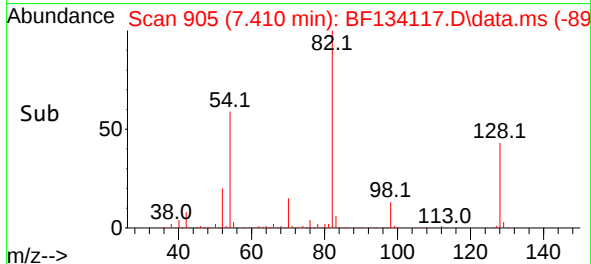
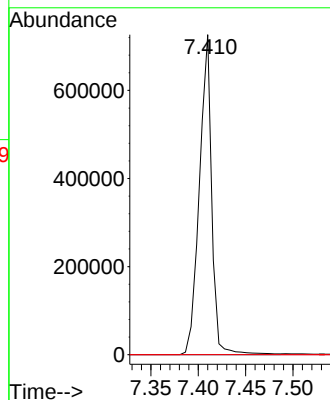
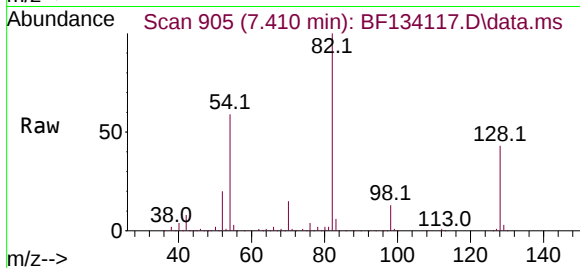




#25
Isophorone
Concen: 48.442 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134117.D
Acq: 07 Jul 2023 02:29

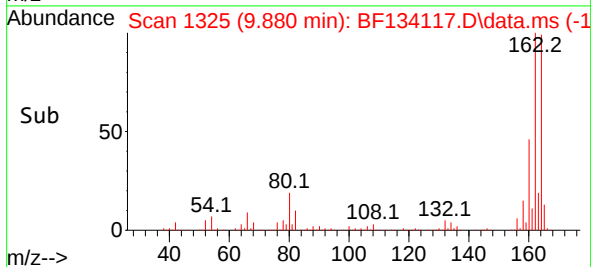
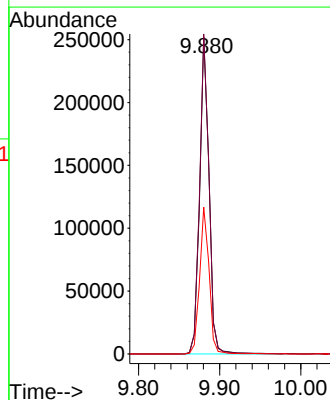
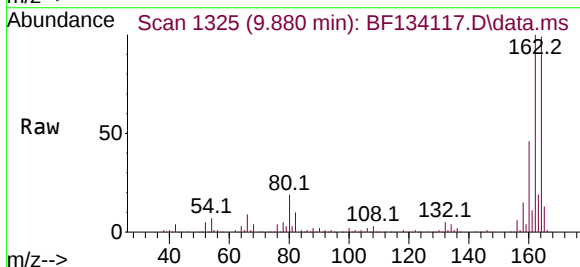
Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion: 82 Resp: 661570
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: BF134117.D
Acq: 07 Jul 2023 02:29

Tgt Ion:164 Resp: 202772
Ion Ratio Lower Upper
164 100
162 101.0 80.0 120.0
160 46.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 129.596 ng

RT: 10.680 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF134117.D

Acq: 07 Jul 2023 02:29

Instrument :

BNA_F

ClientSampleId :

TW-1

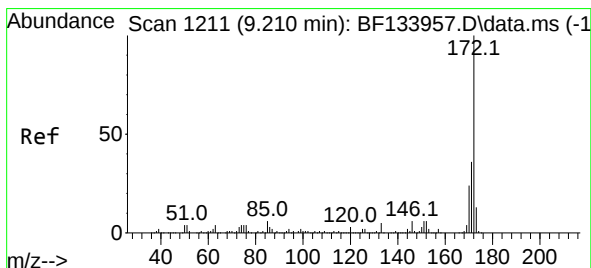
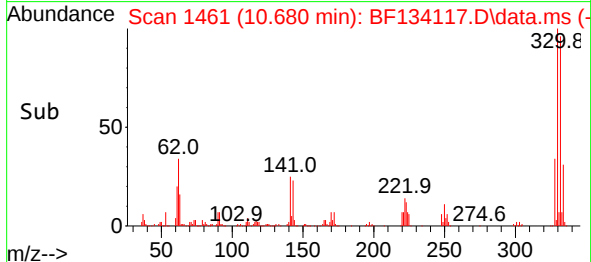
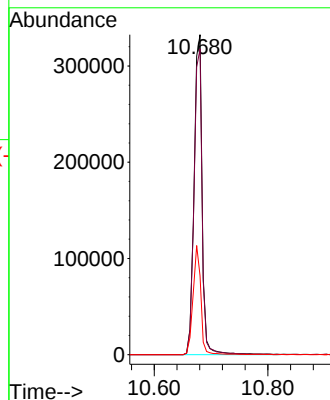
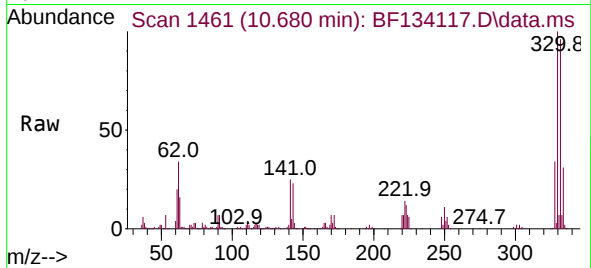
Tgt Ion:330 Resp: 329479

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

141 32.5 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 84.111 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134117.D

Acq: 07 Jul 2023 02:29

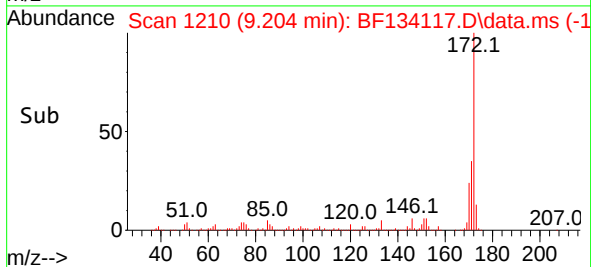
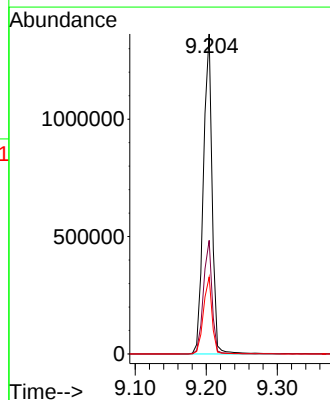
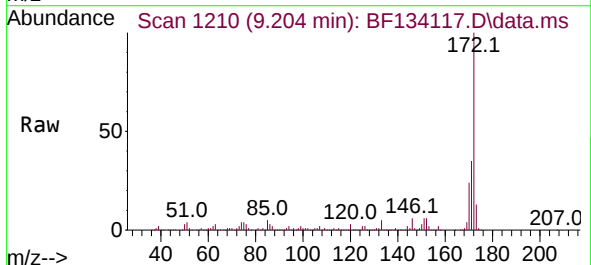
Tgt Ion:172 Resp: 1173086

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 24.0 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.072 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF134117.D

Acq: 07 Jul 2023 02:29

Instrument :

BNA_F

ClientSampleId :

TW-1

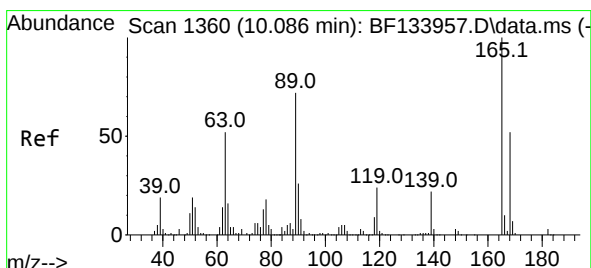
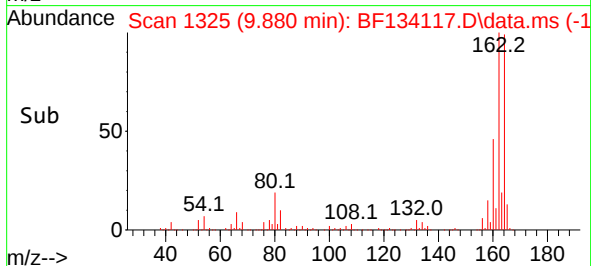
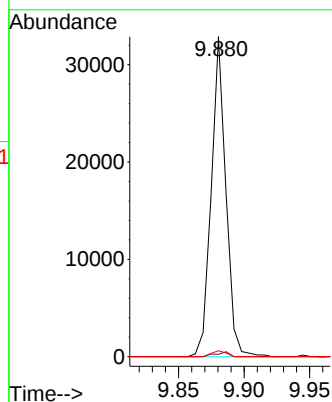
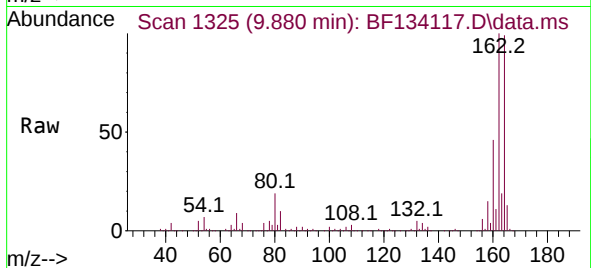
Tgt Ion:165 Resp: 25590

Ion Ratio Lower Upper

165 100

63 0.7 48.5 72.7#

89 1.9 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.112 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.206 min

Lab File: BF134117.D

Acq: 07 Jul 2023 02:29

Tgt Ion:165 Resp: 25590

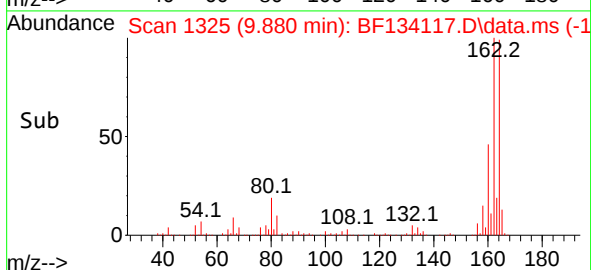
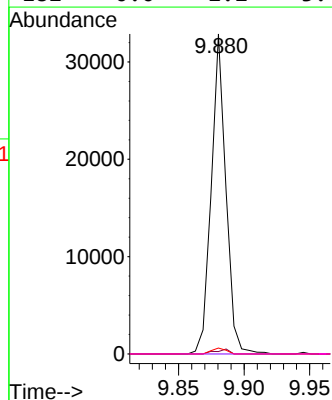
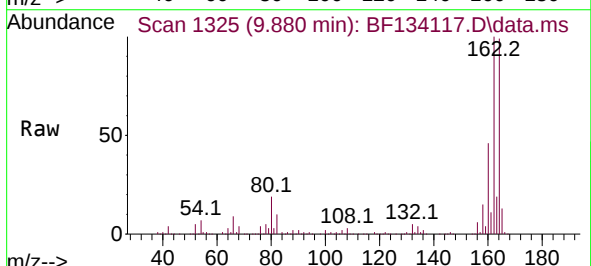
Ion Ratio Lower Upper

165 100

63 0.7 42.2 63.2#

89 1.9 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. -0.012 min

Lab File: BF134117.D

Acq: 07 Jul 2023 02:29

Instrument :

BNA_F

ClientSampleId :

TW-1

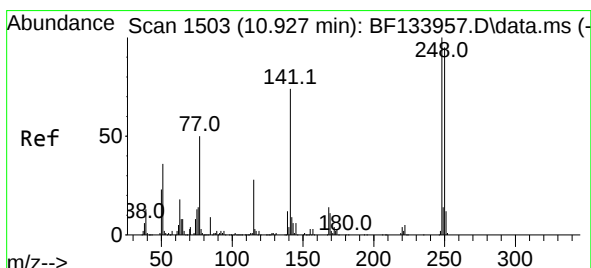
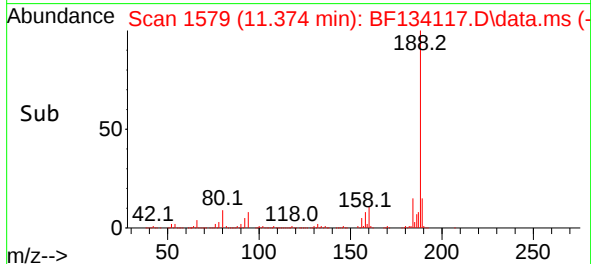
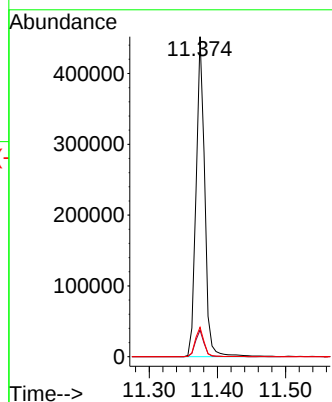
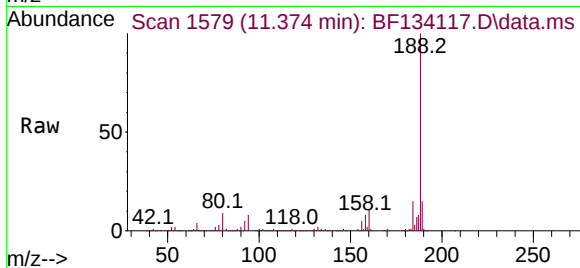
Tgt Ion:188 Resp: 396432

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.2 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.703 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF134117.D

Acq: 07 Jul 2023 02:29

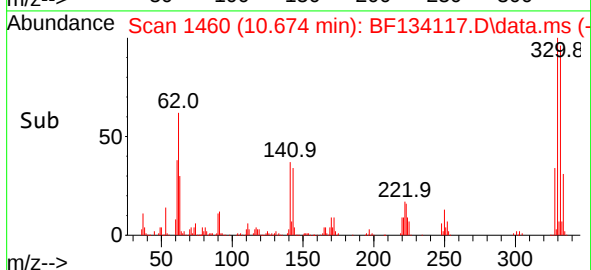
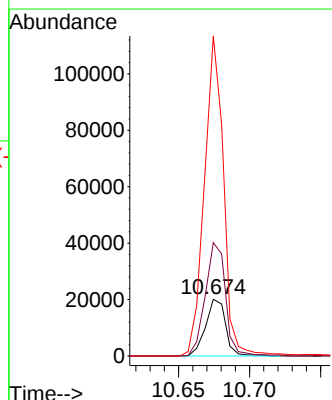
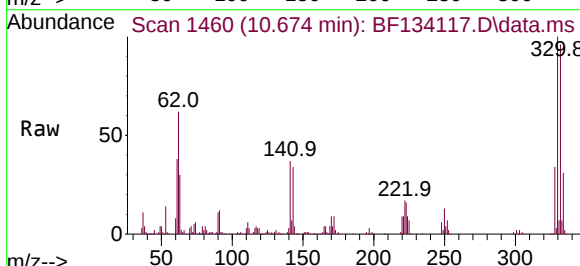
Tgt Ion:248 Resp: 19816

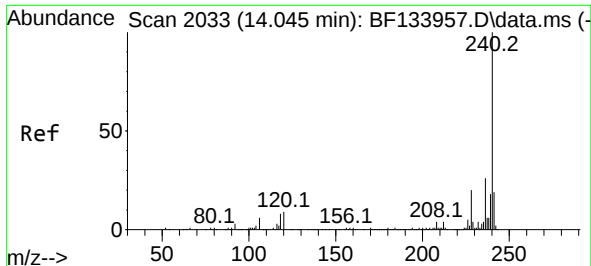
Ion Ratio Lower Upper

248 100

250 200.0 76.2 114.4#

141 564.7 59.0 88.4#

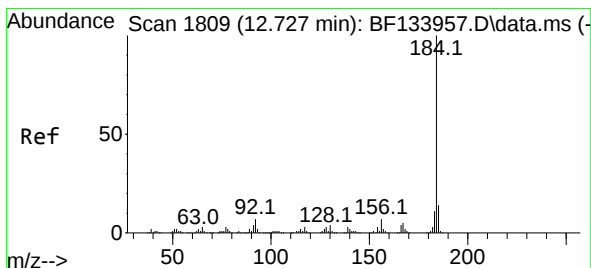
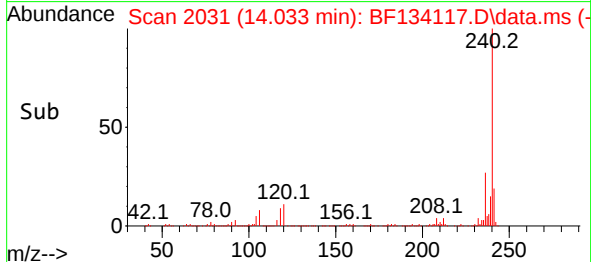
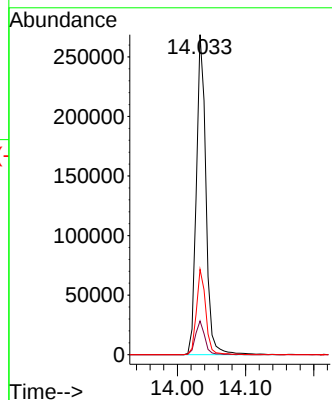
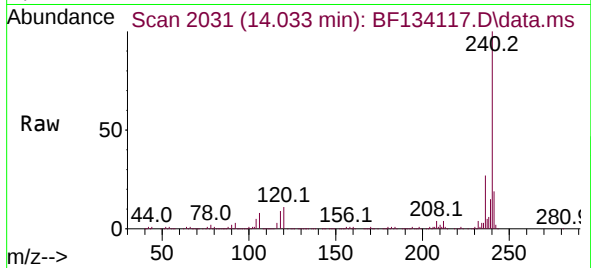




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.018 min
Lab File: BF134117.D
Acq: 07 Jul 2023 02:29

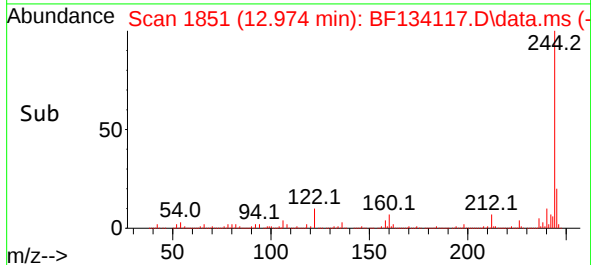
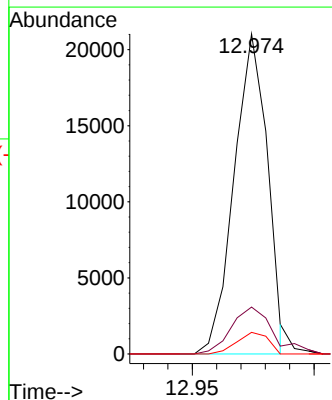
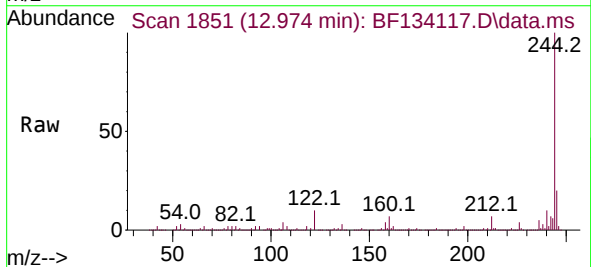
Instrument :
BNA_F
ClientSampleId :
TW-1

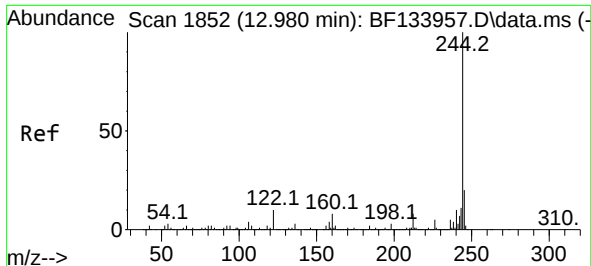
Tgt Ion:240 Resp: 262392
Ion Ratio Lower Upper
240 100
120 10.6 7.4 11.0
236 26.7 21.0 31.6



#77
Benzidine
Concen: 3.201 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF134117.D
Acq: 07 Jul 2023 02:29

Tgt Ion:184 Resp: 19986
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 6.8 8.8 13.2#

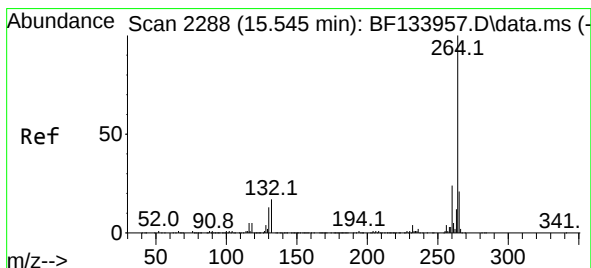
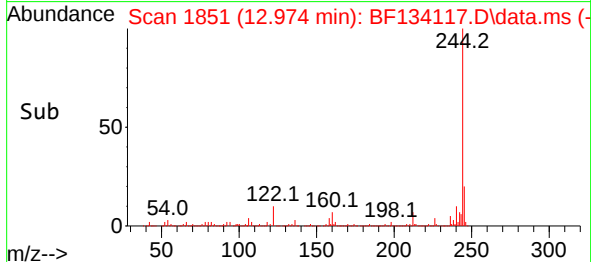
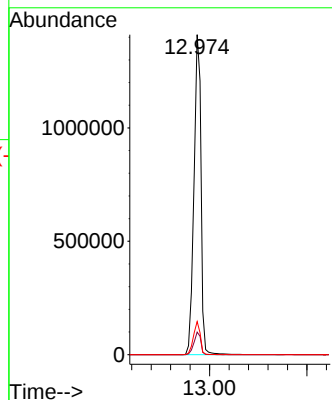
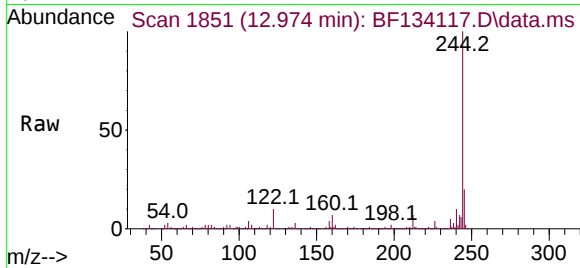




#79
 Terphenyl-d14
 Concen: 86.846 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134117.D
 Acq: 07 Jul 2023 02:29

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Tgt Ion:244 Resp: 1415897
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134117.D
 Acq: 07 Jul 2023 02:29

Tgt Ion:264 Resp: 218553
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 21.0 16.6 25.0

