

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134116.D
 Acq On : 07 Jul 2023 01:55
 Operator : CG\JU
 Sample : 03392-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 04:10:36 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)

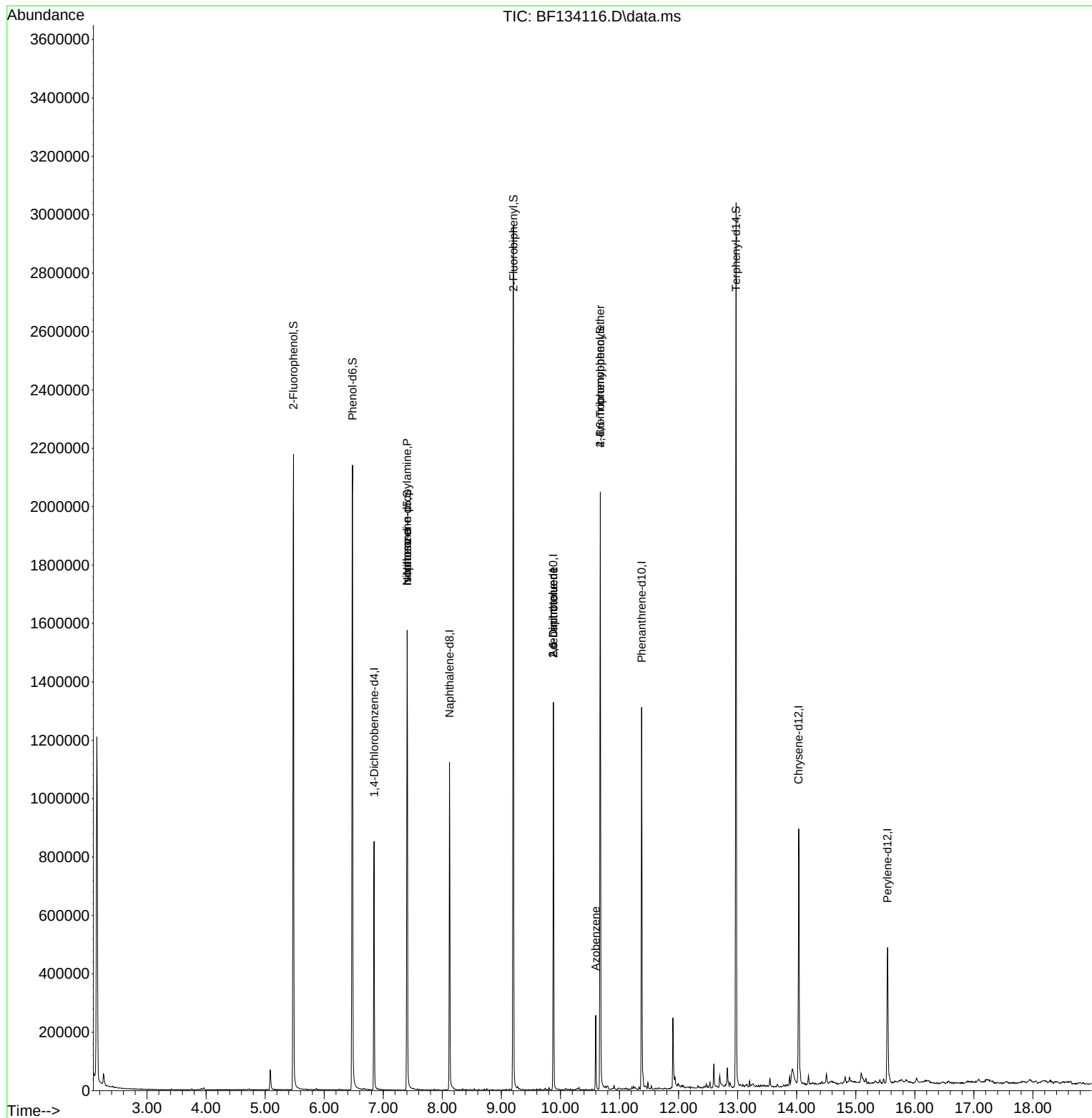
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	122634	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	471383	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	243680	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	470571	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	302532	20.000	ng	#-0.02
86) Perylene-d12	15.539	264	233807	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	584228	79.691	ng	0.00
7) Phenol-d6	6.481	99	732200	81.212	ng	-0.01
23) Nitrobenzene-d5	7.404	82	474833	54.300	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	244530	80.036	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	955829	57.029	ng	0.00
79) Terphenyl-d14	12.974	244	1032199	54.911	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	1226	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	65709	11.492	ng	# 76
25) Isophorone	7.404	82	474830	29.877	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	31171	8.182	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	31171	6.195	ng	# 22
63) Azobenzene	10.598	77	40890	2.346	ng	# 1
67) 4-Bromophenyl-phenylether	10.674	248	14963	2.992	ng	# 1

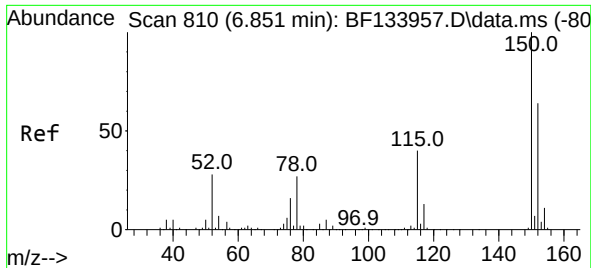
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134116.D
Acq On : 07 Jul 2023 01:55
Operator : CG\JU
Sample : 03392-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

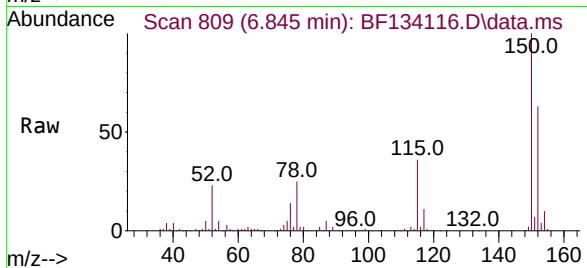
Quant Time: Jul 07 04:10:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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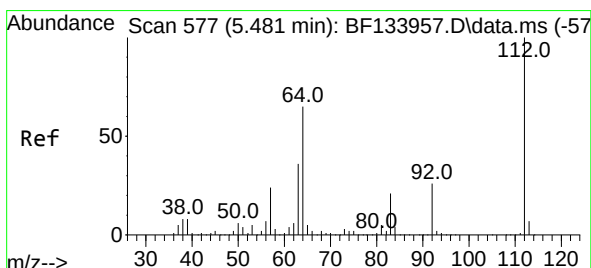
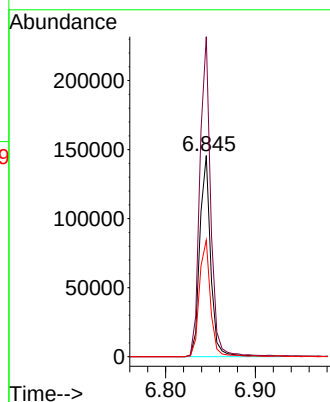
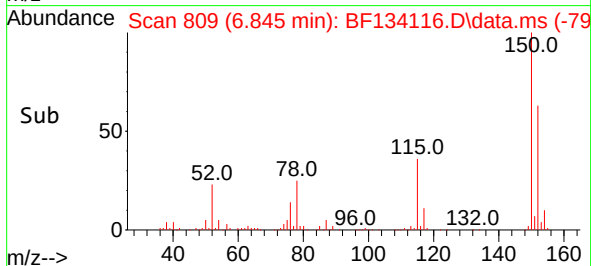


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134116.D
Acq: 07 Jul 2023 01:55

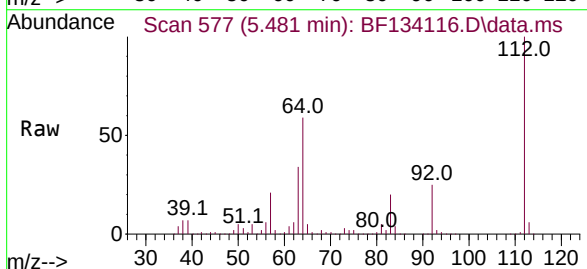
Instrument :
BNA_F
ClientSampleId :



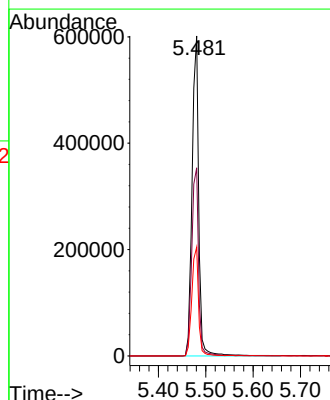
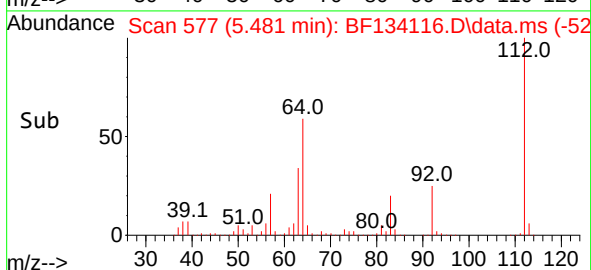
Tgt Ion:152 Resp: 122634
Ion Ratio Lower Upper
152 100
150 159.1 124.5 186.7
115 57.9 50.2 75.2

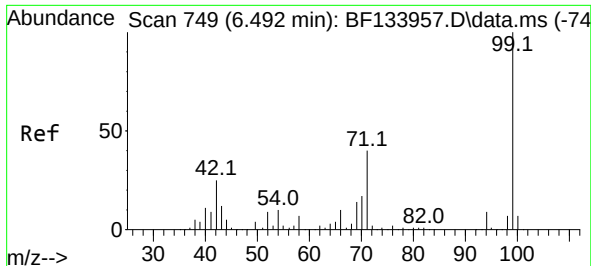


#5
2-Fluorophenol
Concen: 79.691 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134116.D
Acq: 07 Jul 2023 01:55



Tgt Ion:112 Resp: 584228
Ion Ratio Lower Upper
112 100
64 58.8 52.1 78.1
63 34.0 28.6 42.8

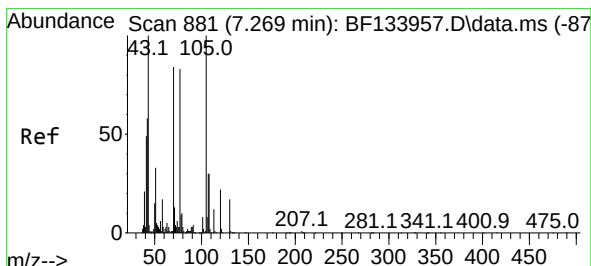
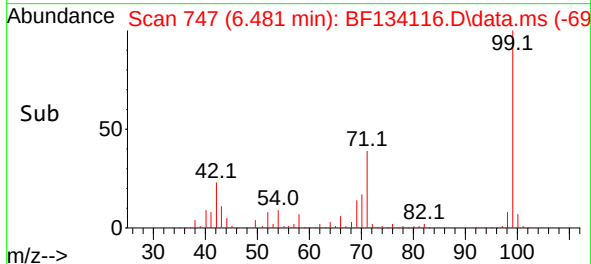
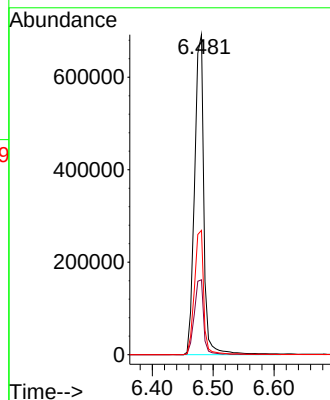
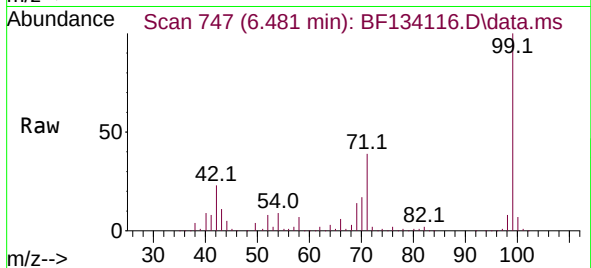




#7
Phenol-d6
Concen: 81.212 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134116.D
Acq: 07 Jul 2023 01:55

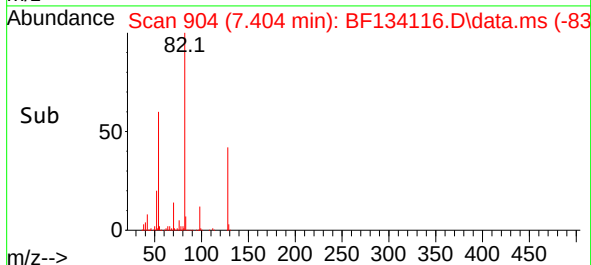
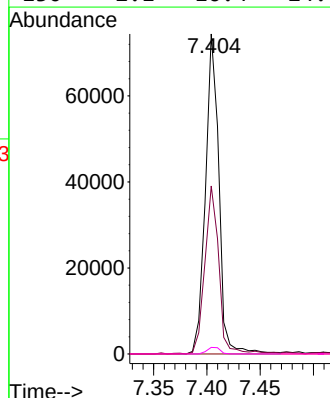
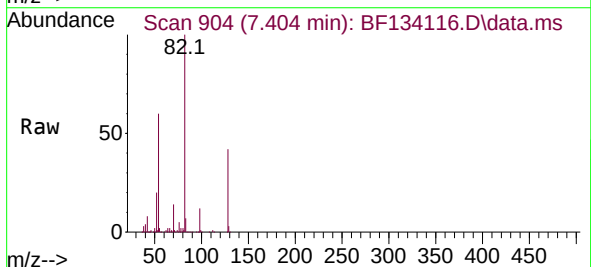
Instrument :
BNA_F
ClientSampleId :

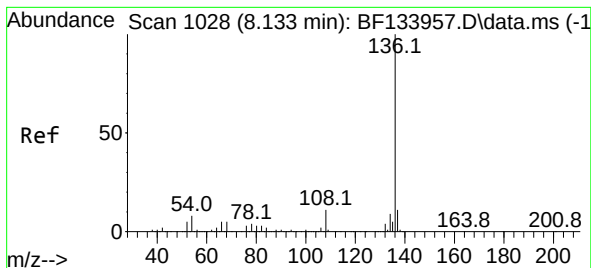
Tgt Ion: 99 Resp: 732200
Ion Ratio Lower Upper
99 100
42 23.4 19.8 29.6
71 38.8 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.492 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.135 min
Lab File: BF134116.D
Acq: 07 Jul 2023 01:55

Tgt Ion: 70 Resp: 65709
Ion Ratio Lower Upper
70 100
42 52.5 54.7 82.1#
101 0.0 7.7 11.5#
130 2.1 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: BF134116.D

Acq: 07 Jul 2023 01:55

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 471383

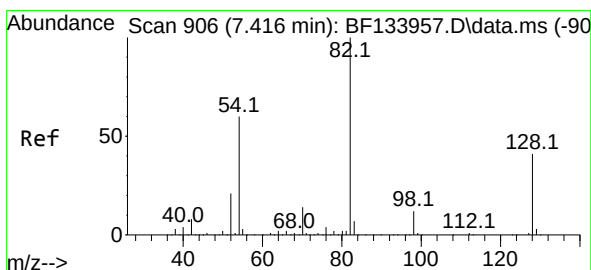
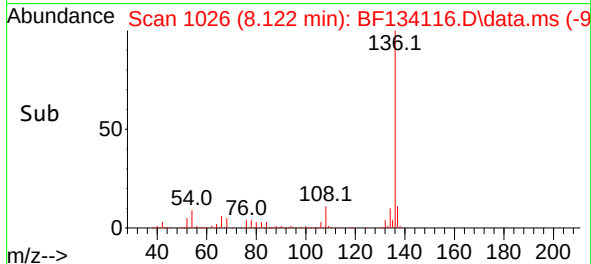
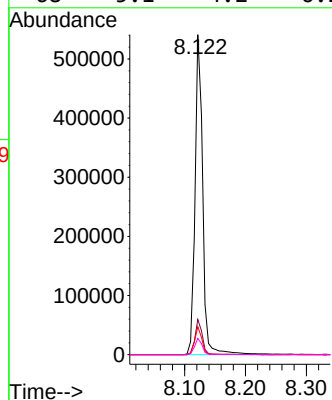
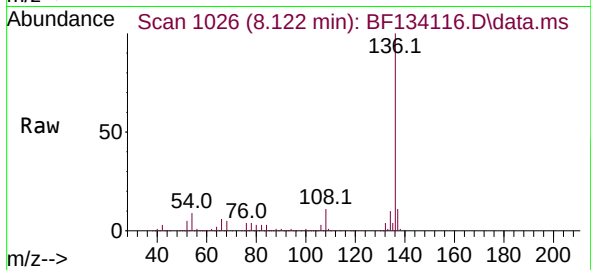
Ion Ratio Lower Upper

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: 54.300 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.018 min

Lab File: BF134116.D

Acq: 07 Jul 2023 01:55

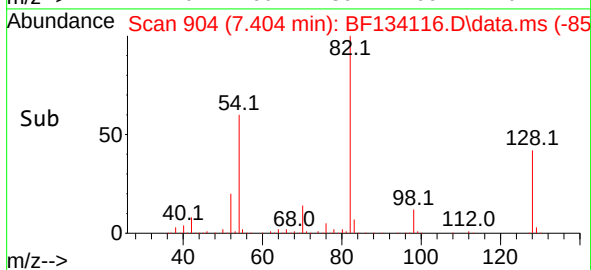
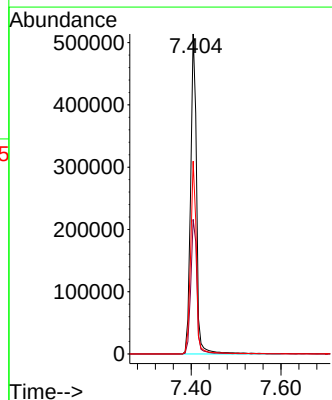
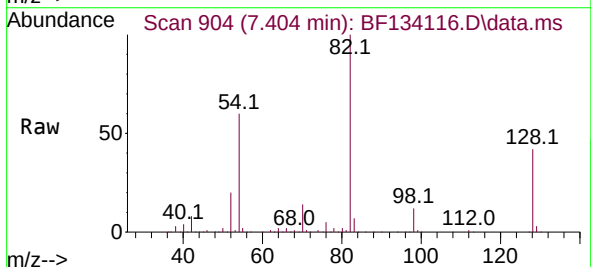
Tgt Ion: 82 Resp: 474833

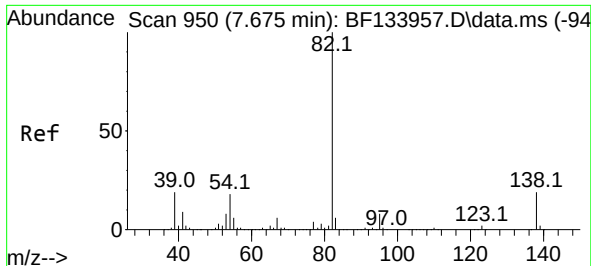
Ion Ratio Lower Upper

82 100

128 42.1 32.5 48.7

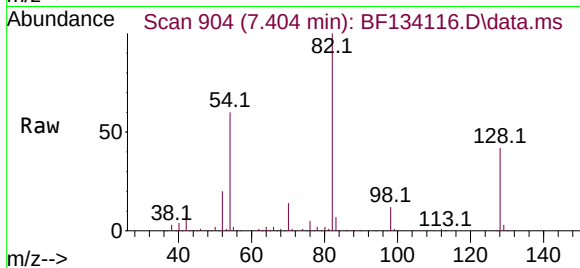
54 60.2 48.2 72.2



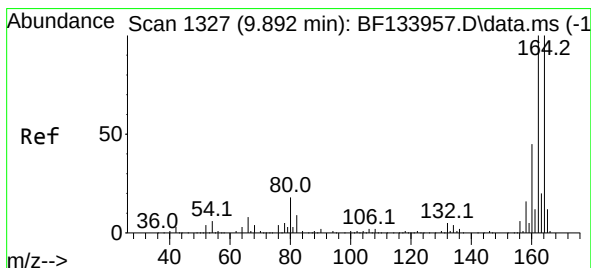
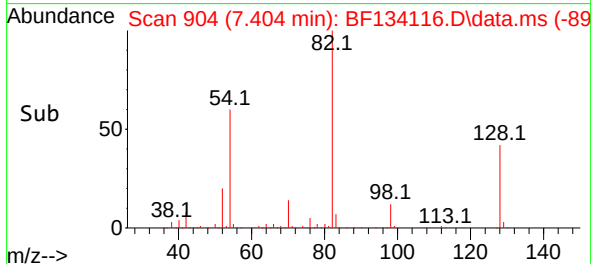
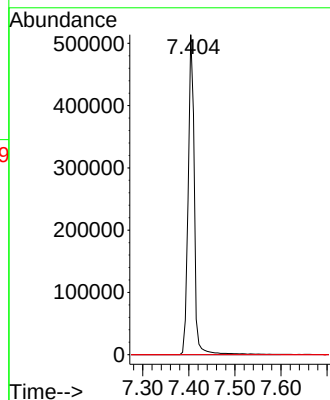


#25
Isophorone
Concen: 29.877 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF134116.D
Acq: 07 Jul 2023 01:55

Instrument :
BNA_F
ClientSampleId :

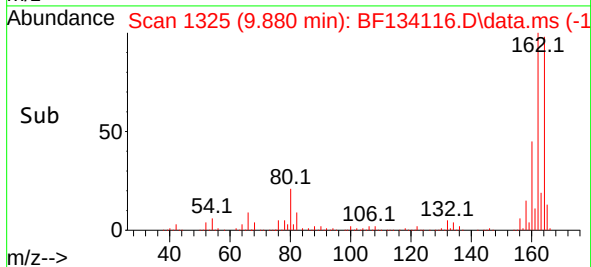
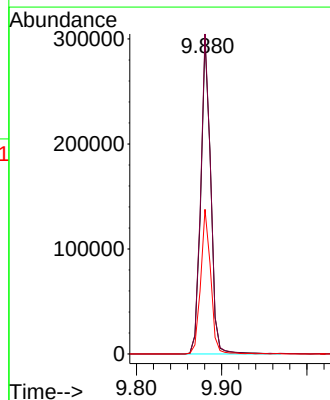
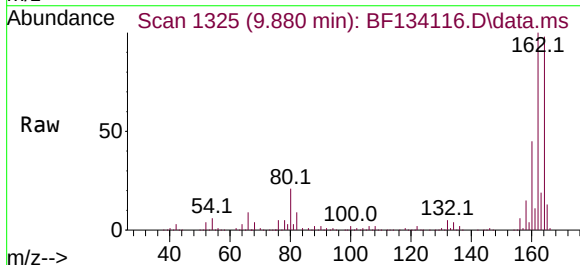


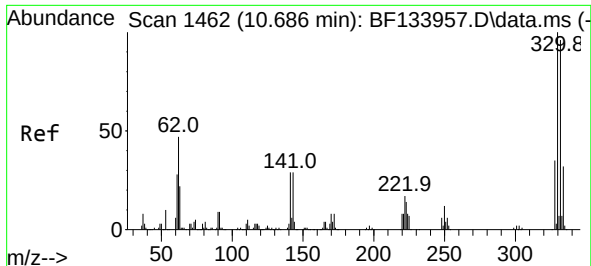
Tgt Ion: 82 Resp: 474830
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134116.D
Acq: 07 Jul 2023 01:55

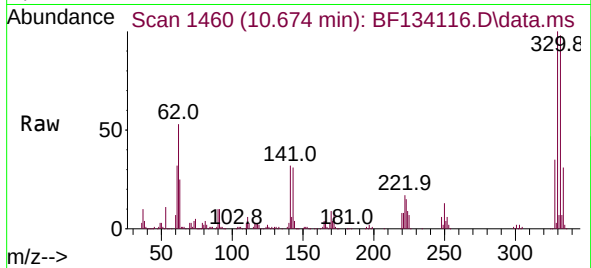
Tgt Ion:164 Resp: 243680
Ion Ratio Lower Upper
164 100
162 101.9 80.0 120.0
160 46.1 35.9 53.9



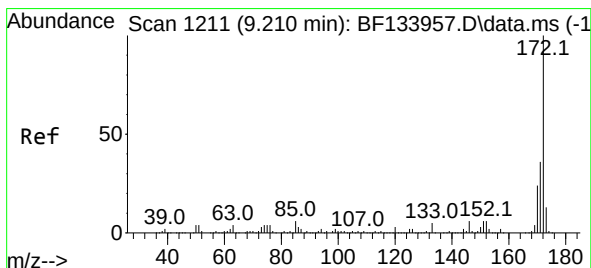
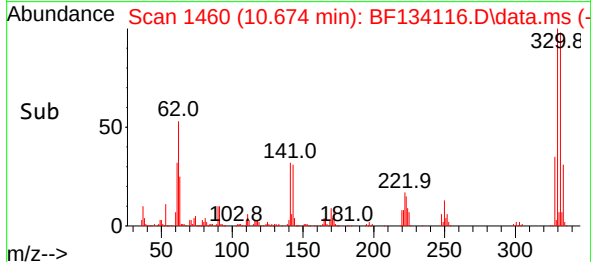
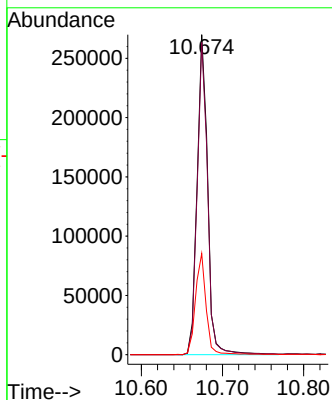


#42
2,4,6-Tribromophenol
Concen: 80.036 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134116.D
Acq: 07 Jul 2023 01:55

Instrument :
BNA_F
ClientSampleId :

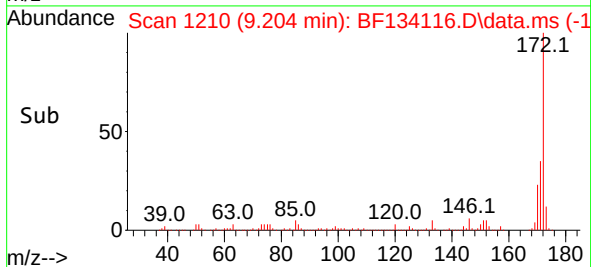
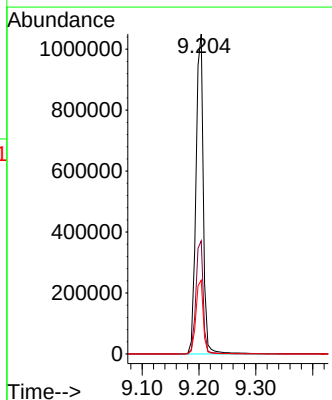
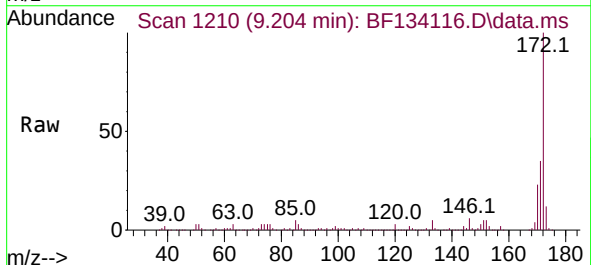


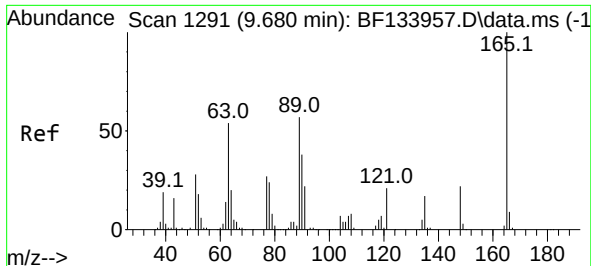
Tgt Ion: 330 Resp: 244530
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 32.1 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 57.029 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134116.D
Acq: 07 Jul 2023 01:55

Tgt Ion: 172 Resp: 955829
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.1 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.182 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF134116.D

Acq: 07 Jul 2023 01:55

Instrument :

BNA_F

ClientSampleId :

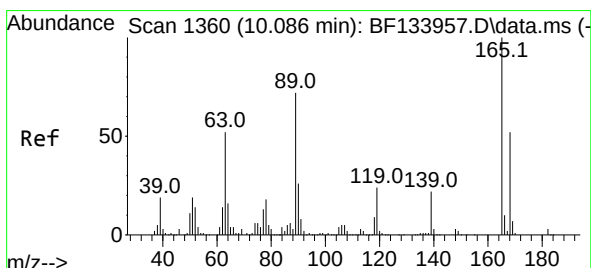
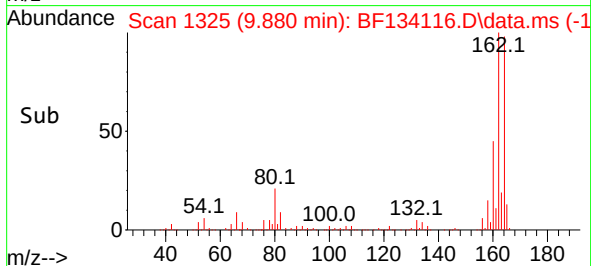
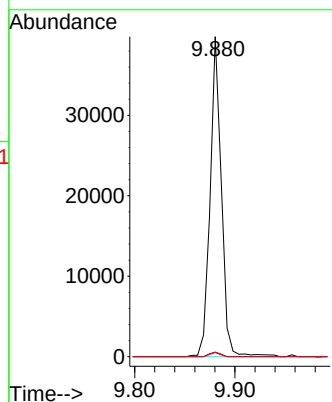
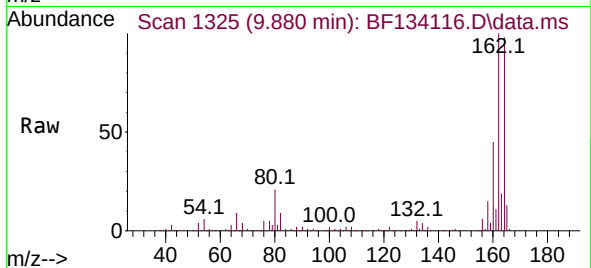
Tgt Ion:165 Resp: 31171

Ion Ratio Lower Upper

165 100

63 1.5 48.5 72.7#

89 1.3 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.195 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.206 min

Lab File: BF134116.D

Acq: 07 Jul 2023 01:55

Tgt Ion:165 Resp: 31171

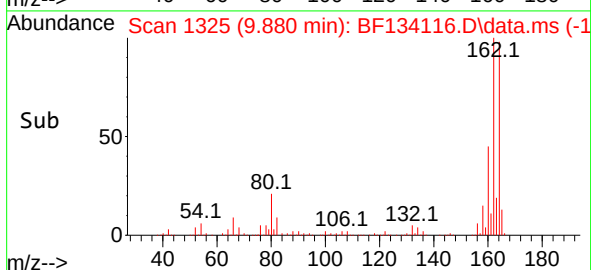
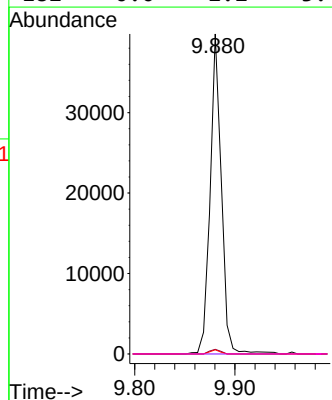
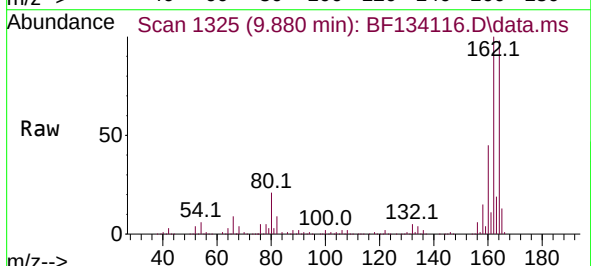
Ion Ratio Lower Upper

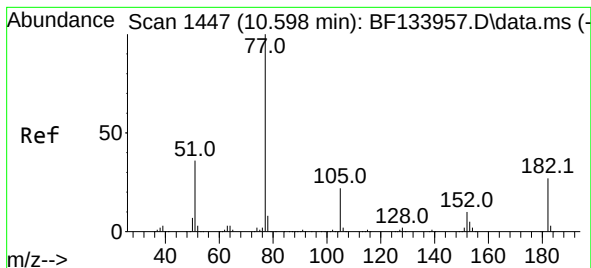
165 100

63 1.5 42.2 63.2#

89 1.3 57.4 86.2#

182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 2.346 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.000 min

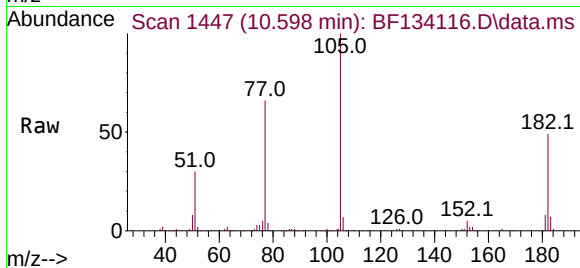
Lab File: BF134116.D

Acq: 07 Jul 2023 01:55

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 40890

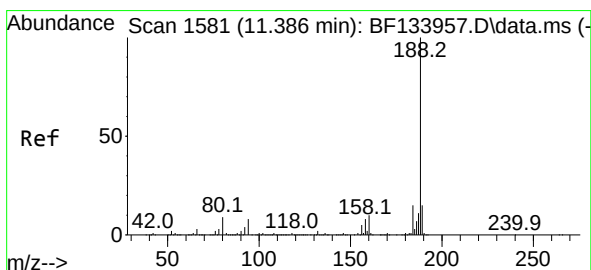
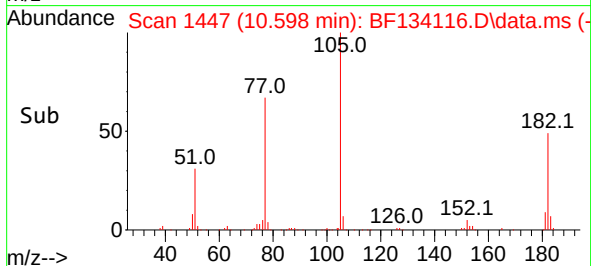
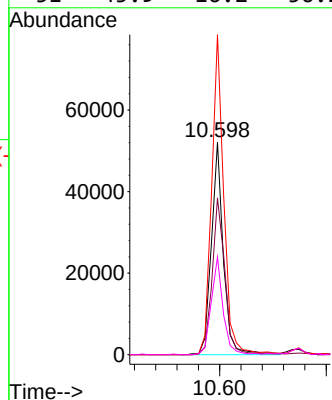
Ion Ratio Lower Upper

77 100

182 73.8 6.8 46.8#

105 150.6 2.3 42.3#

51 45.9 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1579

Delta R.T. -0.012 min

Lab File: BF134116.D

Acq: 07 Jul 2023 01:55

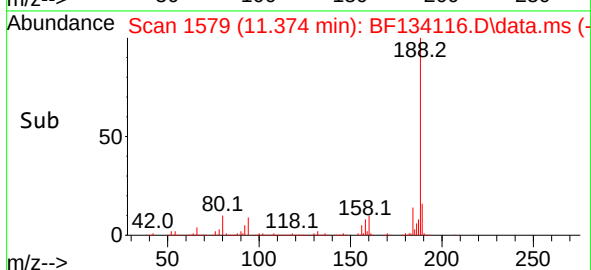
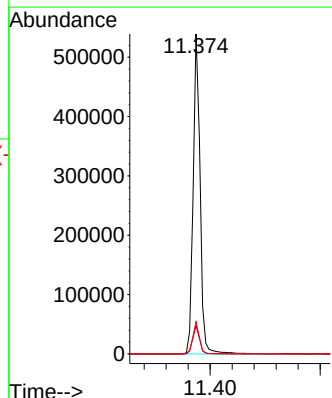
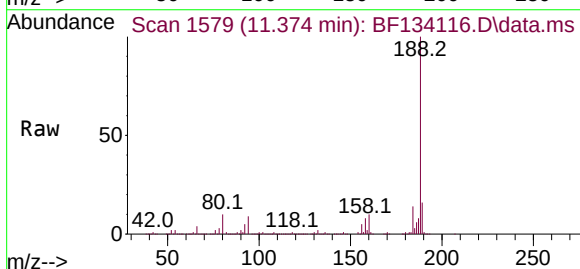
Tgt Ion: 188 Resp: 470571

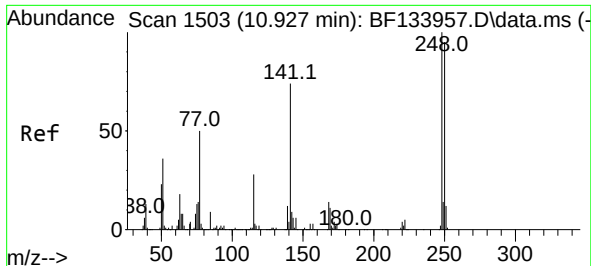
Ion Ratio Lower Upper

188 100

94 8.8 6.4 9.6

80 10.1 7.3 10.9

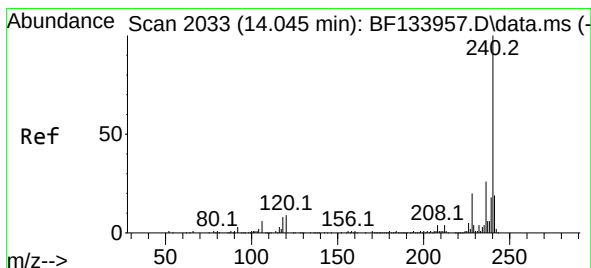
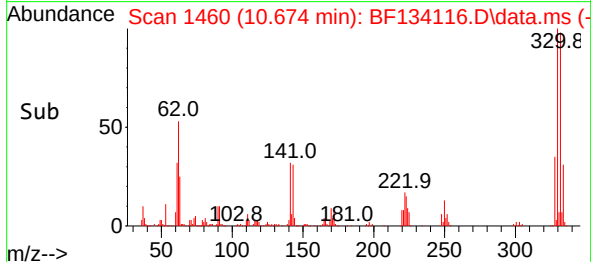
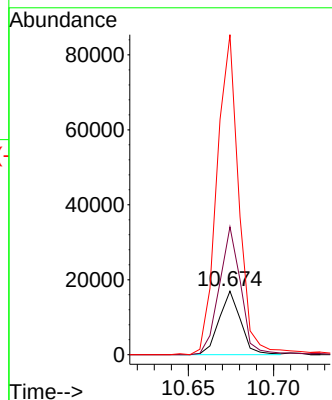
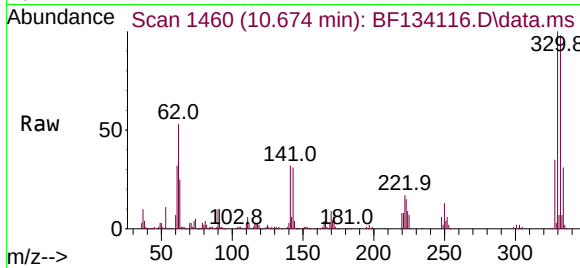




#67
4-Bromophenyl-phenylether
Concen: 2.992 ng
RT: 10.674 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF134116.D
Acq: 07 Jul 2023 01:55

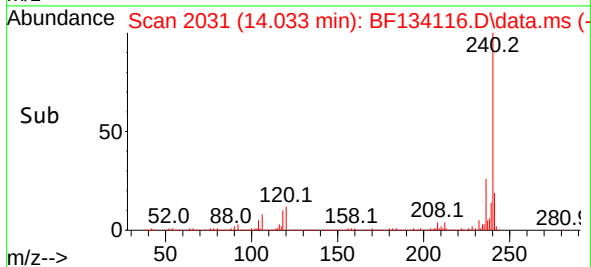
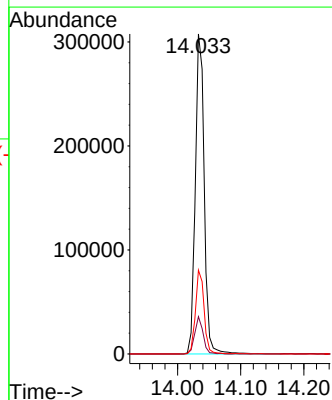
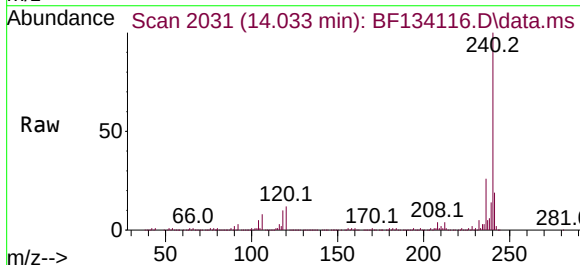
Instrument :
BNA_F
ClientSampleId :

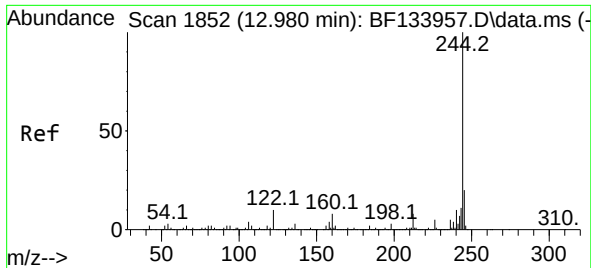
Tgt Ion:248 Resp: 14963
Ion Ratio Lower Upper
248 100
250 201.3 76.2 114.4#
141 503.7 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134116.D
Acq: 07 Jul 2023 01:55

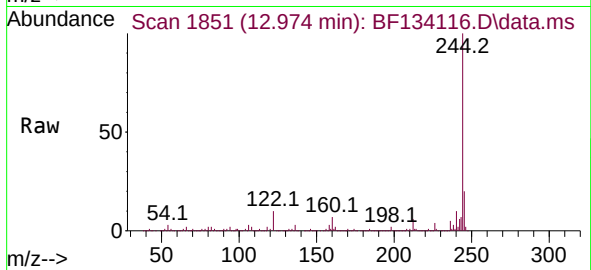
Tgt Ion:240 Resp: 302532
Ion Ratio Lower Upper
240 100
120 11.7 7.4 11.0#
236 26.2 21.0 31.6



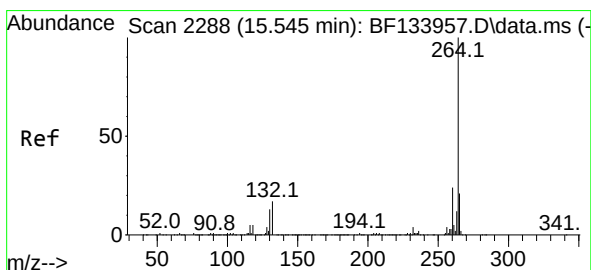
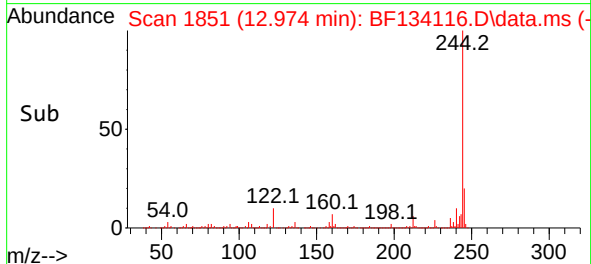
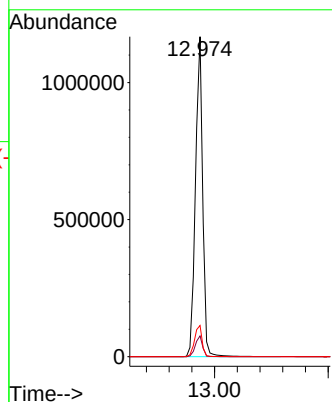


#79
 Terphenyl-d14
 Concen: 54.911 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF134116.D
 Acq: 07 Jul 2023 01:55

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1032199
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 9.8 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: BF134116.D
 Acq: 07 Jul 2023 01:55

Tgt Ion:264 Resp: 233807
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.7 16.6 25.0

