

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134156.D
 Acq On : 08 Jul 2023 19:24
 Operator : CG\JU
 Sample : 03521-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 00:39:34 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)

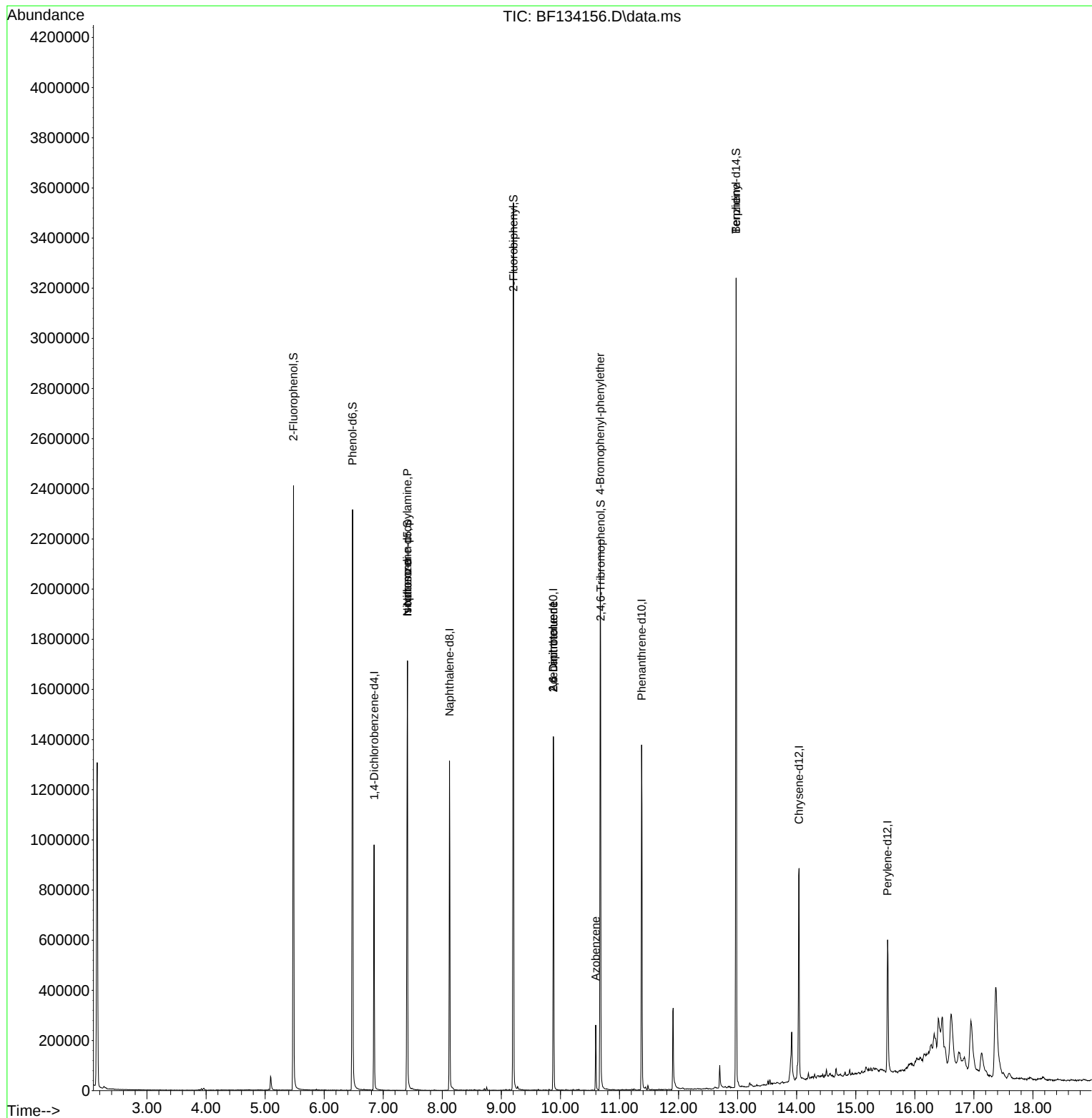
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	135635	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	545632	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	272345	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	530524	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	314451	20.000	ng	-0.01
86) Perylene-d12	15.539	264	263333	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	606865	74.844	ng	0.00
7) Phenol-d6	6.481	99	751913	75.404	ng	-0.01
23) Nitrobenzene-d5	7.410	82	524400	51.808	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	272697	79.861	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1029343	54.951	ng	0.00
79) Terphenyl-d14	12.974	244	1146887	58.700	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1181	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	72862	11.522	ng	# 76
25) Isophorone	7.410	82	524396	28.506	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	36263	8.516	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	36263	6.449	ng	# 22
63) Azobenzene	10.598	77	43866	2.252	ng	# 1
67) 4-Bromophenyl-phenylether	10.675	248	16773	2.975	ng	# 1
77) Benzidine	12.974	184	16322	2.181	ng	# 94

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

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Operator : CG\JU
Sample : 03521-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

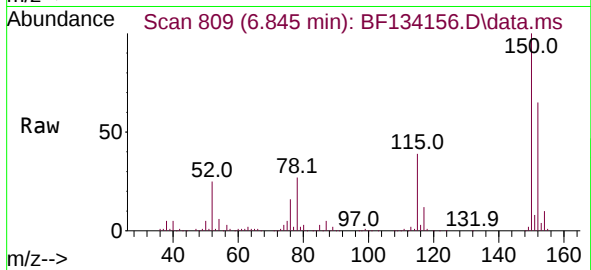
Quant Time: Jul 09 00:39:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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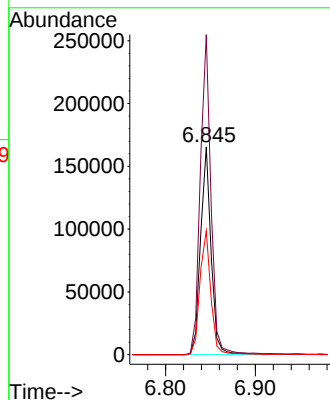
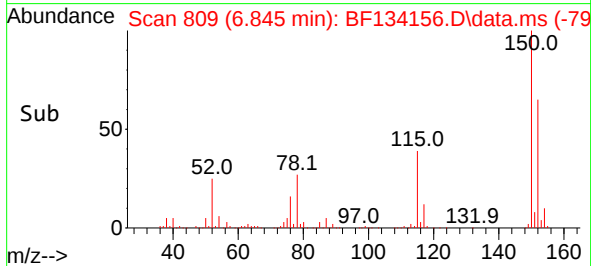


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134156.D
Acq: 08 Jul 2023 19:24

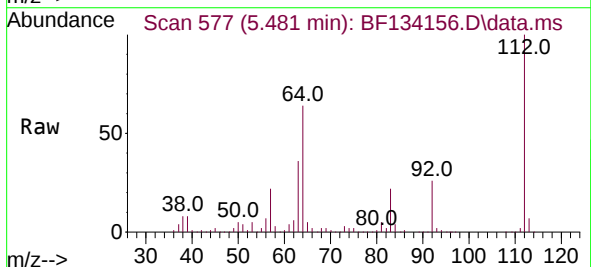
Instrument :
BNA_F
ClientSampleId :



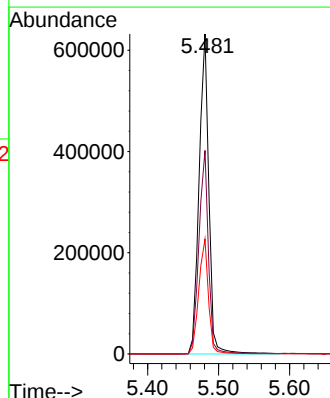
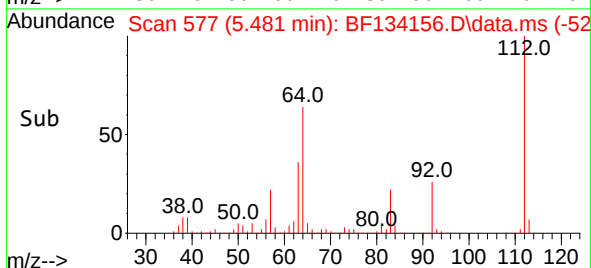
Tgt Ion:152 Resp: 135635
Ion Ratio Lower Upper
152 100
150 154.0 124.5 186.7
115 59.6 50.2 75.2



#5
2-Fluorophenol
Concen: 74.844 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134156.D
Acq: 08 Jul 2023 19:24



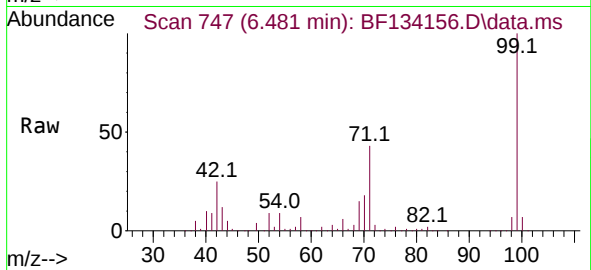
Tgt Ion:112 Resp: 606865
Ion Ratio Lower Upper
112 100
64 63.6 52.1 78.1
63 35.9 28.6 42.8



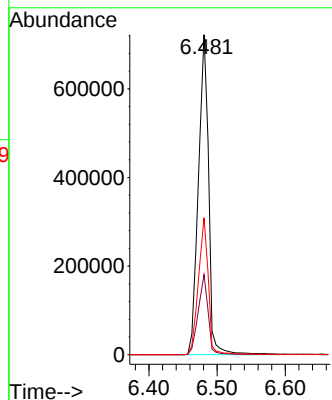
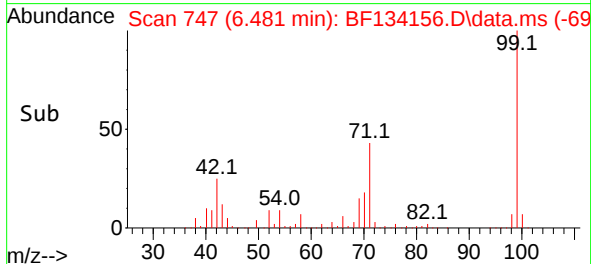


#7
Phenol-d6
Concen: 75.404 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134156.D
Acq: 08 Jul 2023 19:24

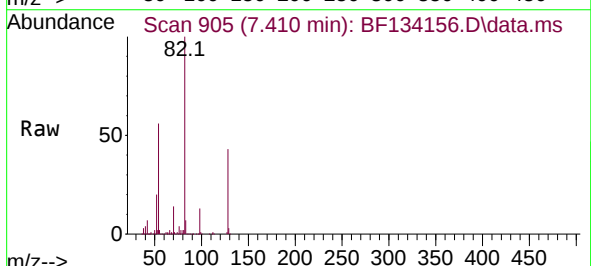
Instrument :
BNA_F
ClientSampleId :



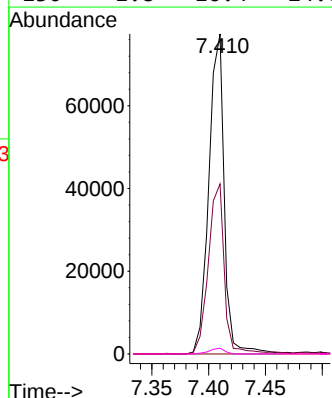
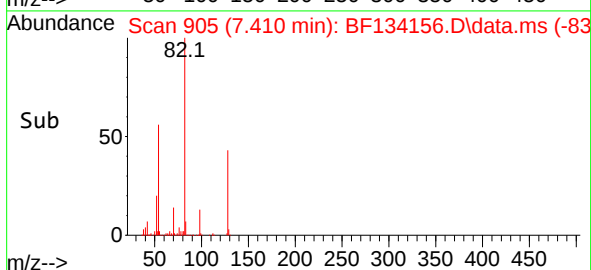
Tgt Ion: 99 Resp: 751913
Ion Ratio Lower Upper
99 100
42 25.0 19.8 29.6
71 42.8 31.9 47.9

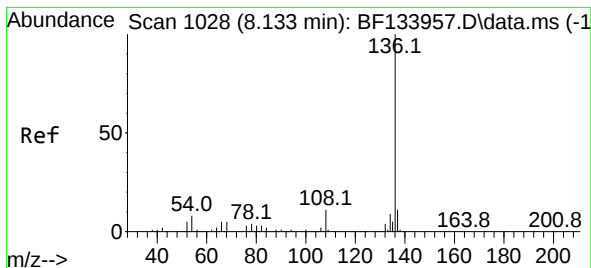


#19
n-Nitroso-di-n-propylamine
Concen: 11.522 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134156.D
Acq: 08 Jul 2023 19:24



Tgt Ion: 70 Resp: 72862
Ion Ratio Lower Upper
70 100
42 53.1 54.7 82.1#
101 0.0 7.7 11.5#
130 1.8 16.4 24.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF134156.D

Acq: 08 Jul 2023 19:24

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 545632

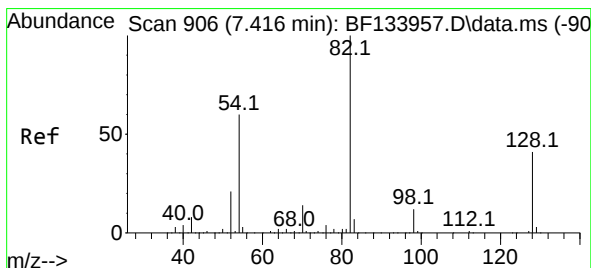
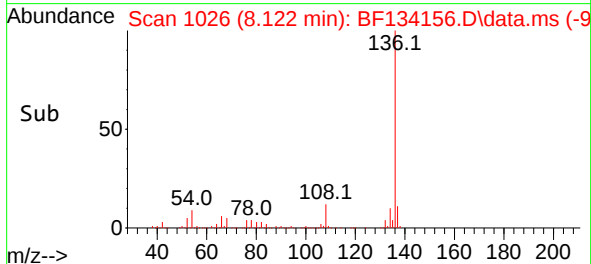
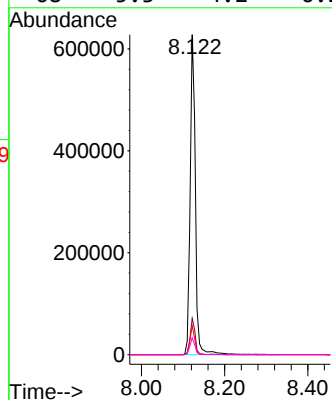
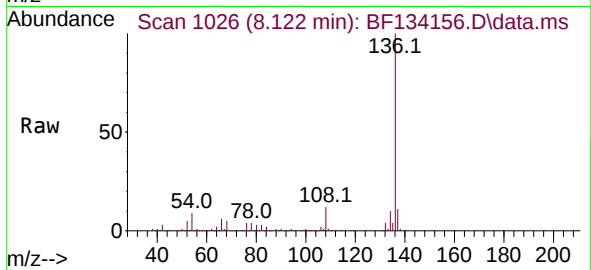
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 9.0 6.5 9.7

68 5.3 4.2 6.2



#23

Nitrobenzene-d5

Concen: 51.808 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF134156.D

Acq: 08 Jul 2023 19:24

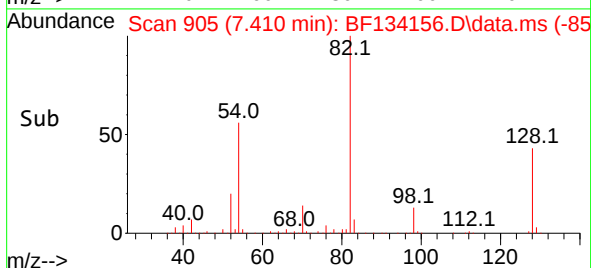
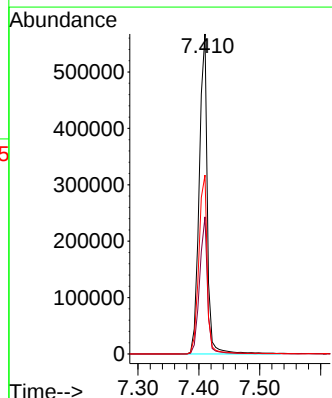
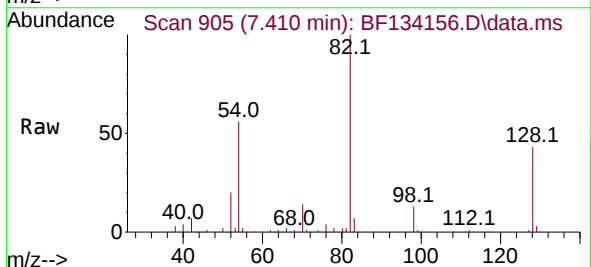
Tgt Ion: 82 Resp: 524400

Ion Ratio Lower Upper

82 100

128 42.8 32.5 48.7

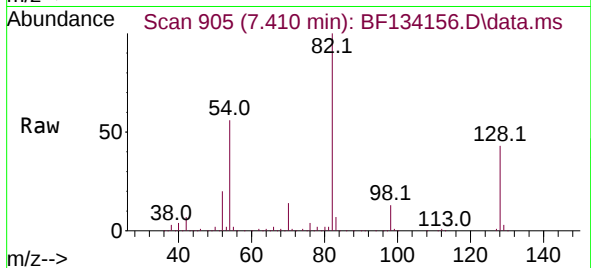
54 55.9 48.2 72.2



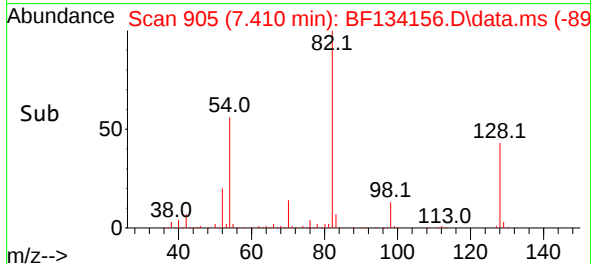
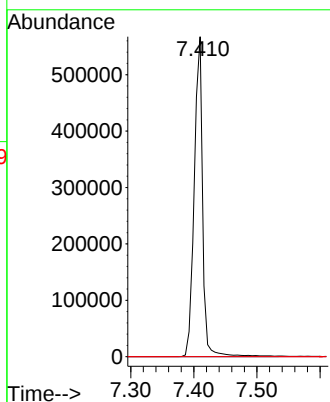


#25
Isophorone
Concen: 28.506 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134156.D
Acq: 08 Jul 2023 19:24

Instrument :
BNA_F
ClientSampleId :

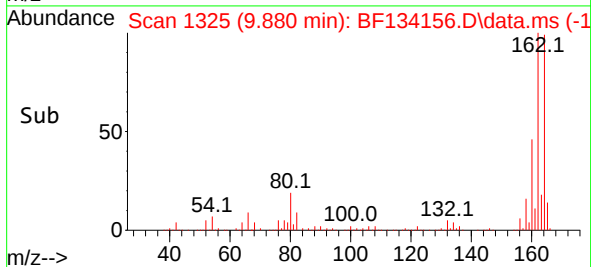
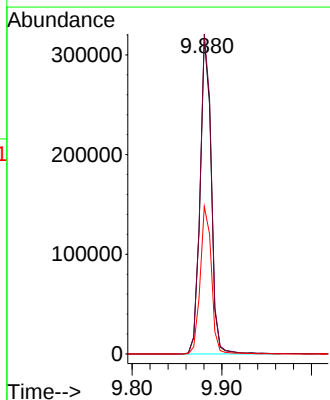
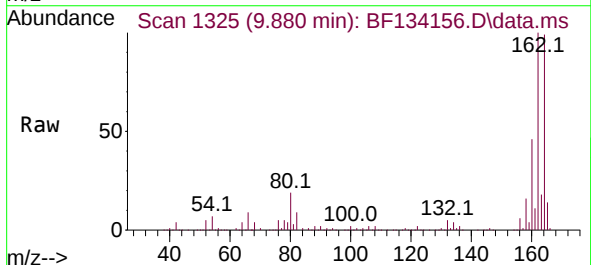


Tgt Ion: 82 Resp: 524396
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134156.D
Acq: 08 Jul 2023 19:24

Tgt Ion: 164 Resp: 272345
Ion Ratio Lower Upper
164 100
162 101.3 80.0 120.0
160 46.7 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 79.861 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.006 min

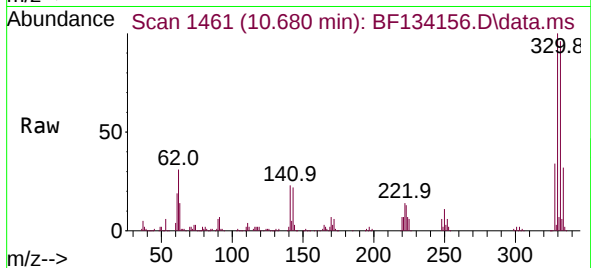
Lab File: BF134156.D

Acq: 08 Jul 2023 19:24

Instrument :

BNA_F

ClientSampleId :



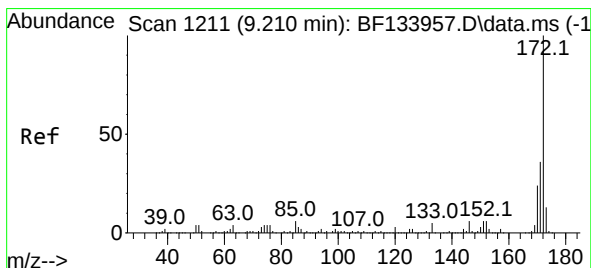
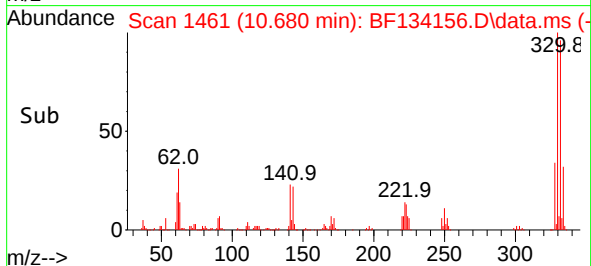
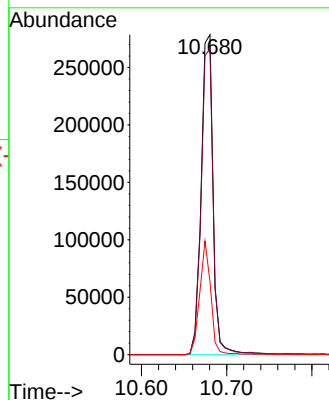
Tgt Ion:330 Resp: 272697

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

141 33.1 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 54.951 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134156.D

Acq: 08 Jul 2023 19:24

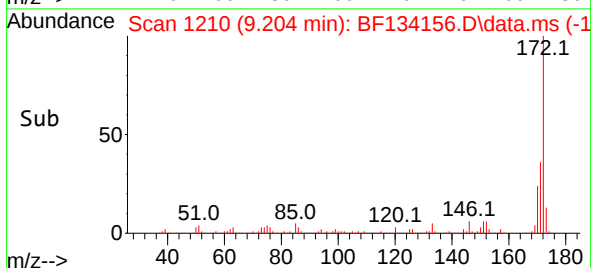
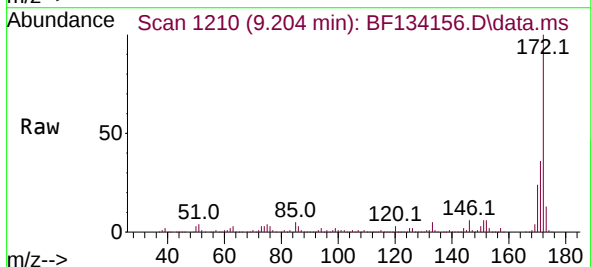
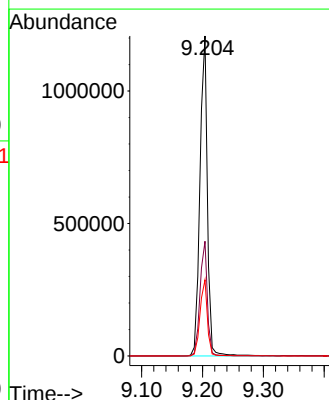
Tgt Ion:172 Resp: 1029343

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

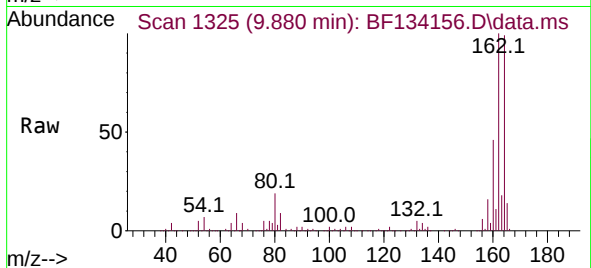
170 23.8 19.4 29.0



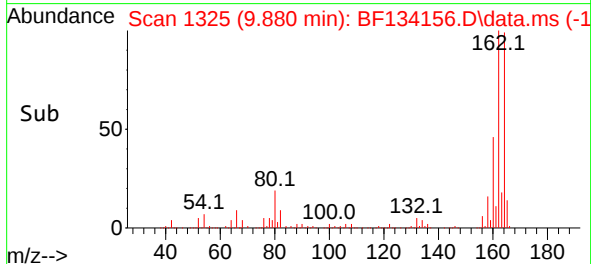
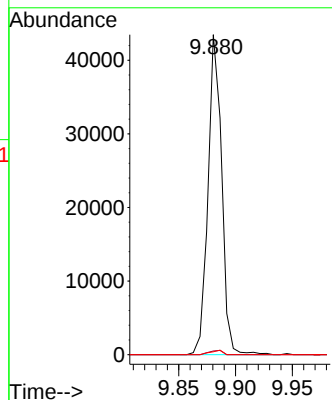


#51
2,6-Dinitrotoluene
Concen: 8.516 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134156.D
Acq: 08 Jul 2023 19:24

Instrument :
BNA_F
ClientSampleId :

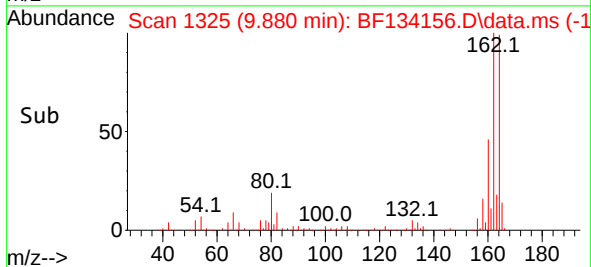
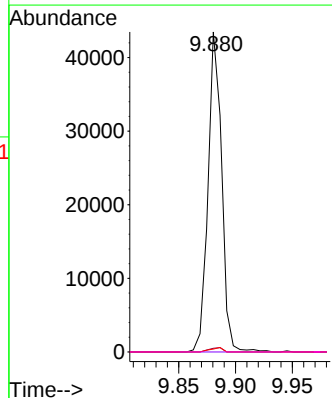
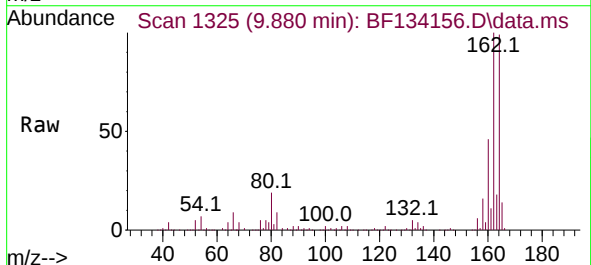


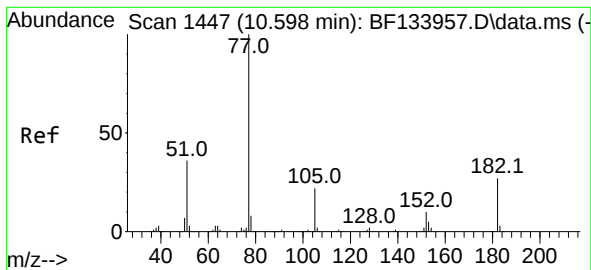
Tgt Ion:165 Resp: 36263
Ion Ratio Lower Upper
165 100
63 1.2 48.5 72.7#
89 0.9 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.449 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF134156.D
Acq: 08 Jul 2023 19:24

Tgt Ion:165 Resp: 36263
Ion Ratio Lower Upper
165 100
63 1.2 42.2 63.2#
89 0.9 57.4 86.2#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 2.252 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.000 min

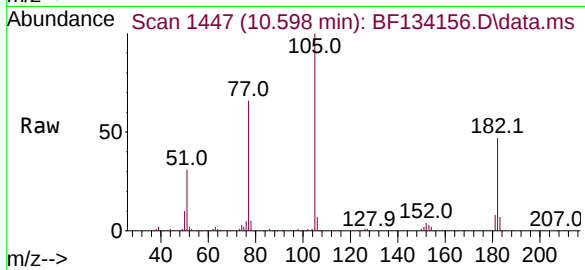
Lab File: BF134156.D

Acq: 08 Jul 2023 19:24

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 43866

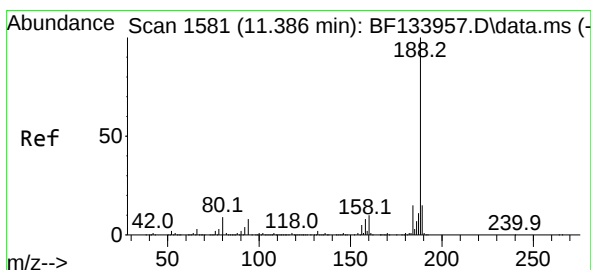
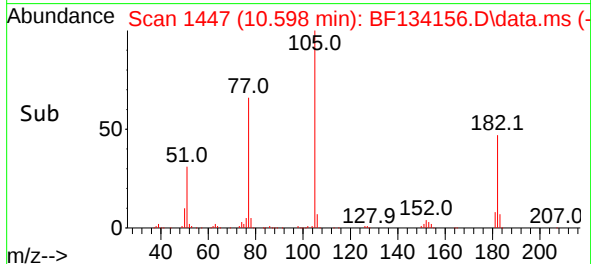
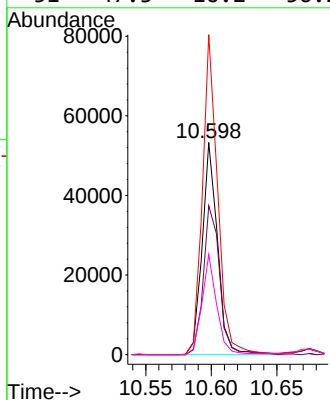
Ion Ratio Lower Upper

77 100

182 70.2 6.8 46.8#

105 150.9 2.3 42.3#

51 47.3 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: BF134156.D

Acq: 08 Jul 2023 19:24

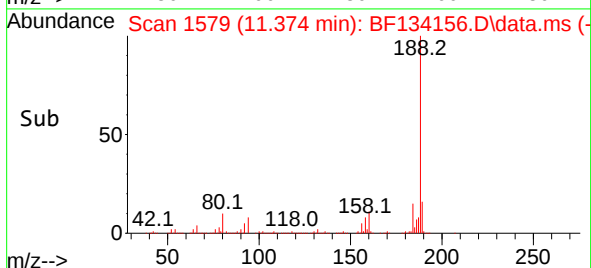
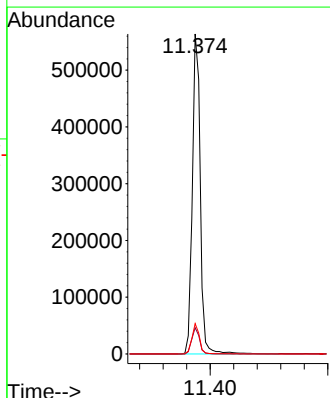
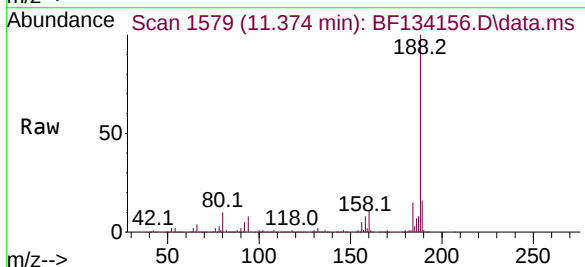
Tgt Ion: 188 Resp: 530524

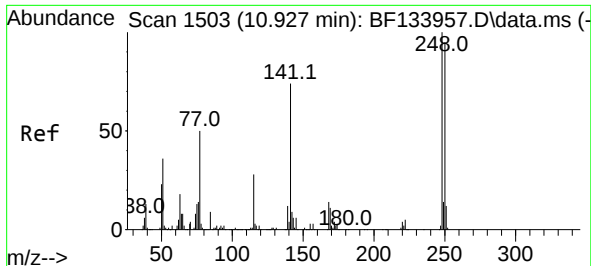
Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

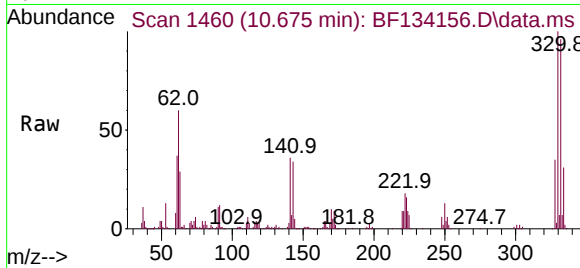
80 9.5 7.3 10.9



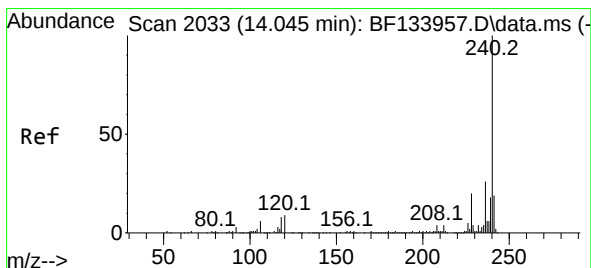
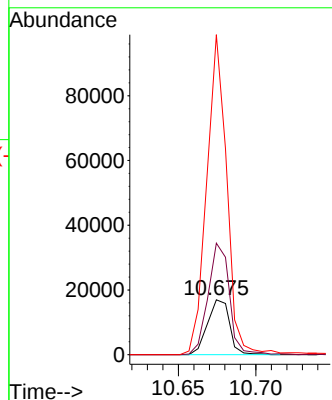
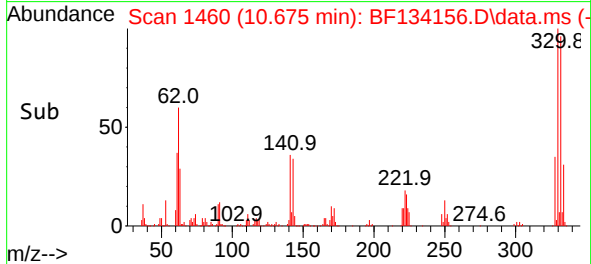


#67
4-Bromophenyl-phenylether
Concen: 2.975 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF134156.D
Acq: 08 Jul 2023 19:24

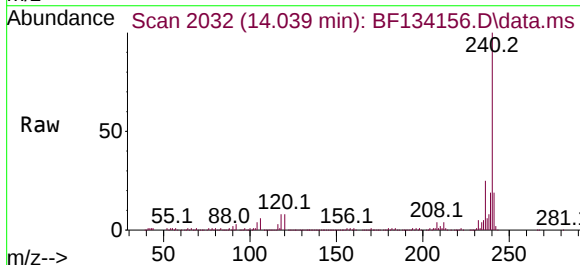
Instrument :
BNA_F
ClientSampleId :



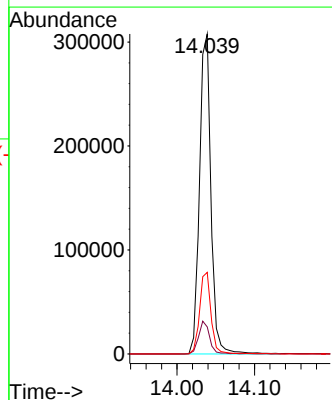
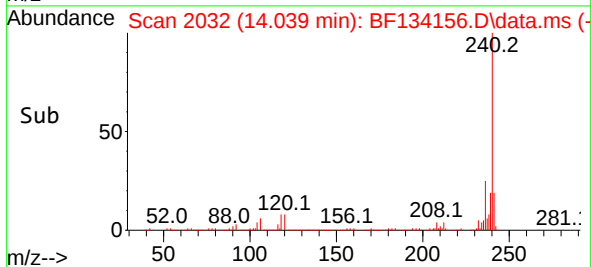
Tgt Ion:248 Resp: 16773
Ion Ratio Lower Upper
248 100
250 203.3 76.2 114.4#
141 583.5 59.0 88.4#

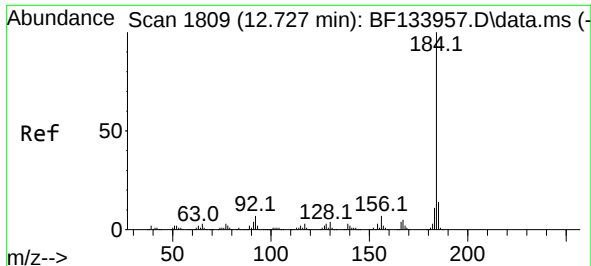


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134156.D
Acq: 08 Jul 2023 19:24



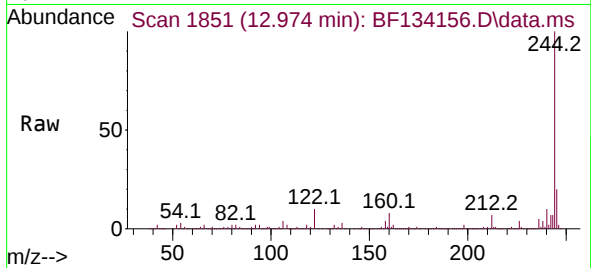
Tgt Ion:240 Resp: 314451
Ion Ratio Lower Upper
240 100
120 8.4 7.4 11.0
236 25.5 21.0 31.6



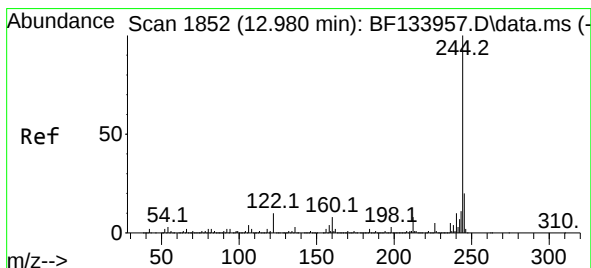
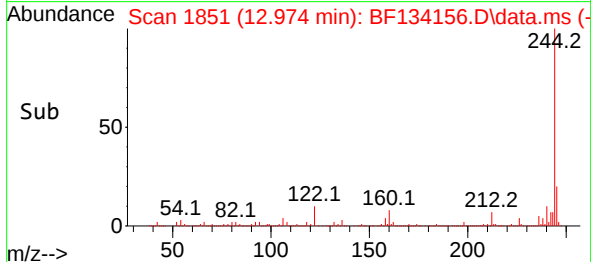
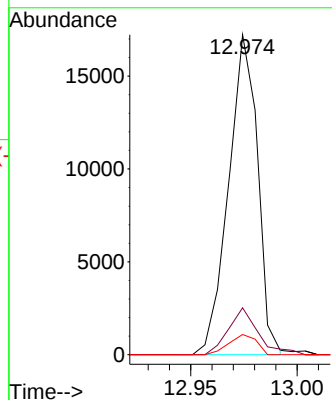


#77
Benzidine
Concen: 2.181 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF134156.D
Acq: 08 Jul 2023 19:24

Instrument :
BNA_F
ClientSampleId :

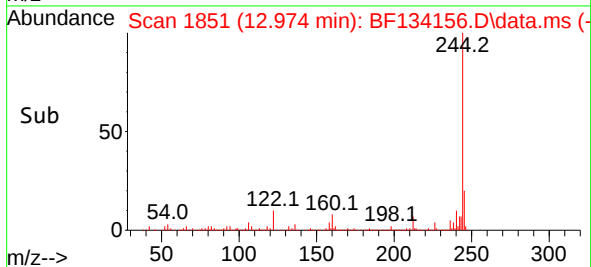
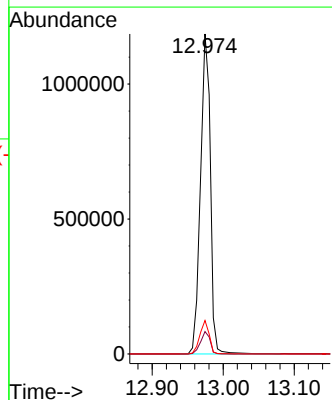
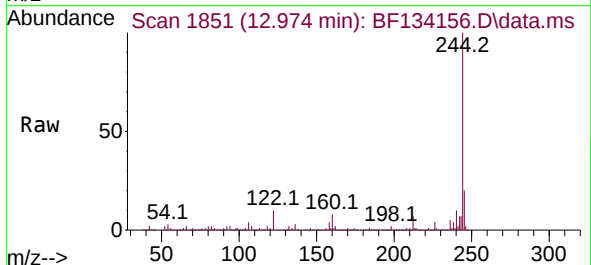


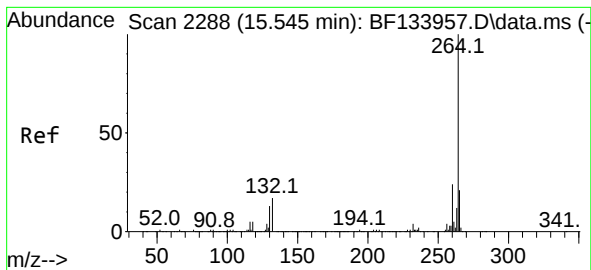
Tgt Ion:184 Resp: 16322
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 6.3 8.8 13.2#



#79
Terphenyl-d14
Concen: 58.700 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF134156.D
Acq: 08 Jul 2023 19:24

Tgt Ion:244 Resp: 1146887
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# 21

Delta R.T. -0.012 min

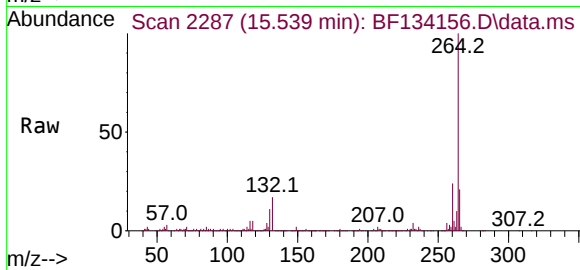
Lab File: BF134156.D

Acq: 08 Jul 2023 19:24

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 263333

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.2 16.6 25.0

