

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134306.D
 Acq On : 15 Jul 2023 00:25
 Operator : CG\JU
 Sample : 03597-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-43-(2-5)

Quant Time: Jul 15 01:16:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

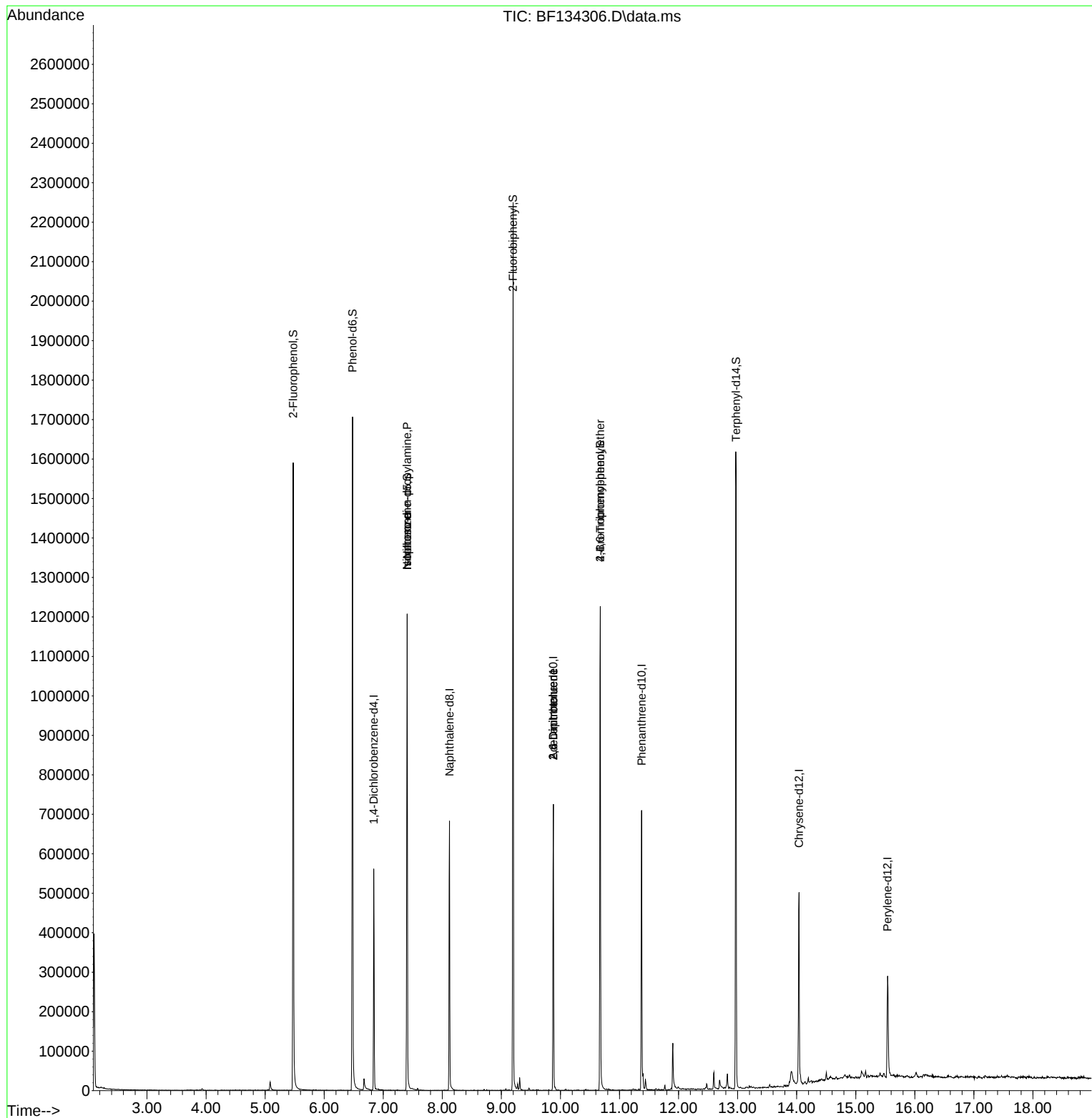
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	74122	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	287087	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	136759	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	256378	20.000	ng	0.00
76) Chrysene-d12	14.039	240	170983	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	133077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	409658	92.451	ng	0.00
7) Phenol-d6	6.481	99	485997	89.184	ng	0.00
23) Nitrobenzene-d5	7.404	82	330479	62.053	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	153618	89.590	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	598175	63.592	ng	0.00
79) Terphenyl-d14	12.974	244	584819	55.048	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	708	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	45796	13.252	ng	# 76
25) Isophorone	7.404	82	330475	34.143	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	17032	7.966	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	17032	6.032	ng	# 22
67) 4-Bromophenyl-phenylether	10.674	248	9254	3.396	ng	# 1

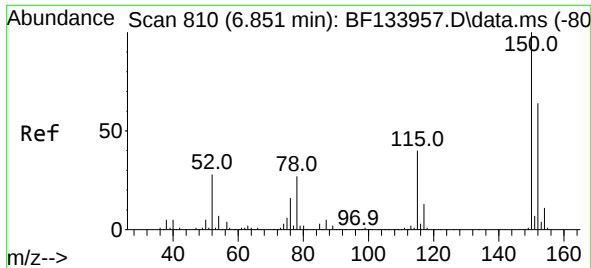
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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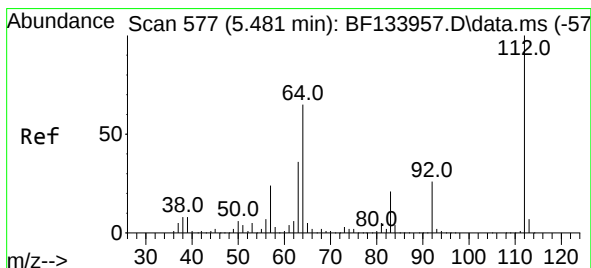
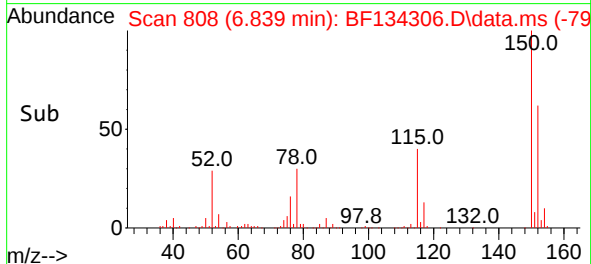
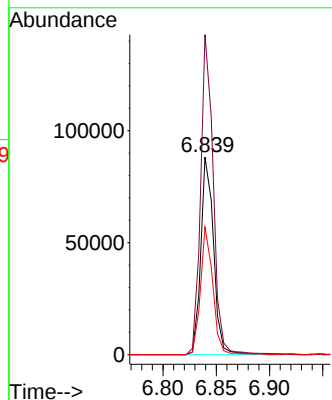
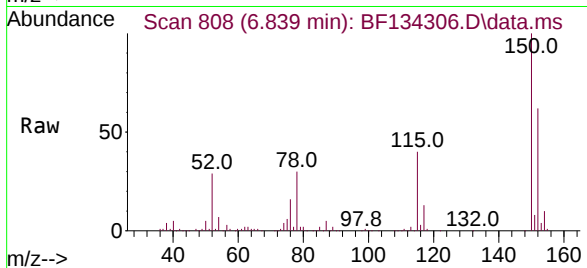




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134306.D
Acq: 15 Jul 2023 00:25

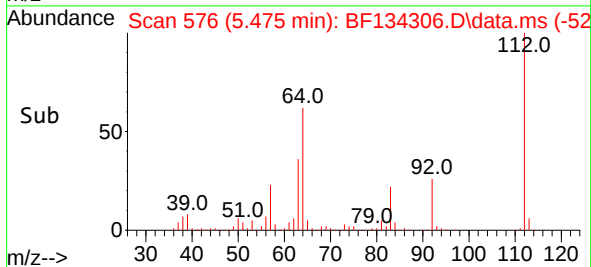
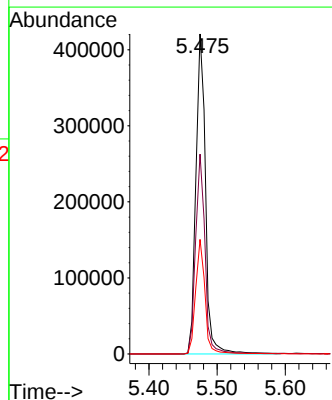
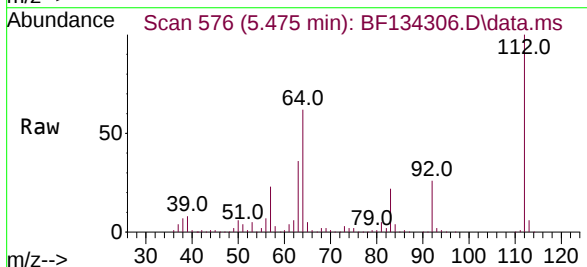
Instrument :
BNA_F
ClientSampleId :
RB-43-(2-5)

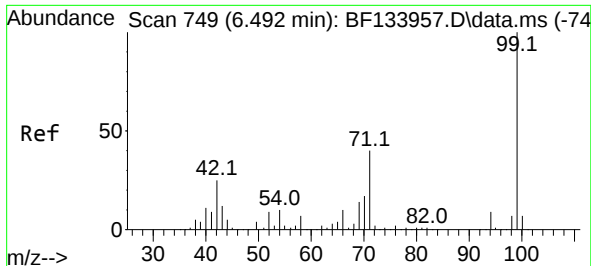
Tgt Ion:152 Resp: 74122
Ion Ratio Lower Upper
152 100
150 161.9 124.5 186.7
115 64.5 50.2 75.2



#5
2-Fluorophenol
Concen: 92.451 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134306.D
Acq: 15 Jul 2023 00:25

Tgt Ion:112 Resp: 409658
Ion Ratio Lower Upper
112 100
64 62.4 52.1 78.1
63 35.8 28.6 42.8





#7

Phenol-d6

Concen: 89.184 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF134306.D

Acq: 15 Jul 2023 00:25

Instrument :

BNA_F

ClientSampleId :

RB-43-(2-5)

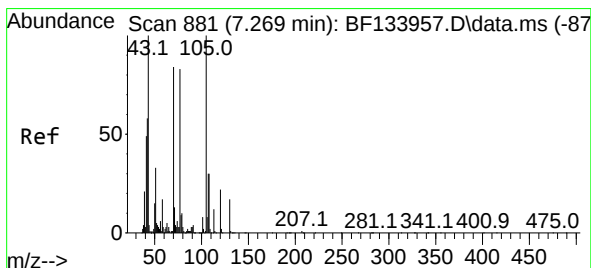
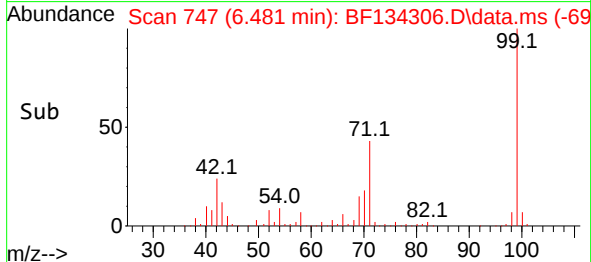
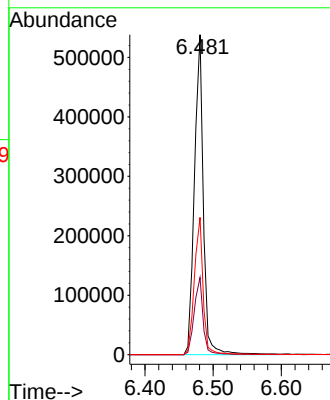
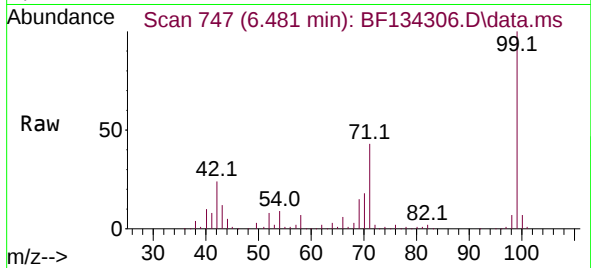
Tgt Ion: 99 Resp: 485997

Ion Ratio Lower Upper

99 100

42 24.1 19.8 29.6

71 42.9 31.9 47.9



#19

n-Nitroso-di-n-propylamine

Concen: 13.252 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.147 min

Lab File: BF134306.D

Acq: 15 Jul 2023 00:25

Tgt Ion: 70 Resp: 45796

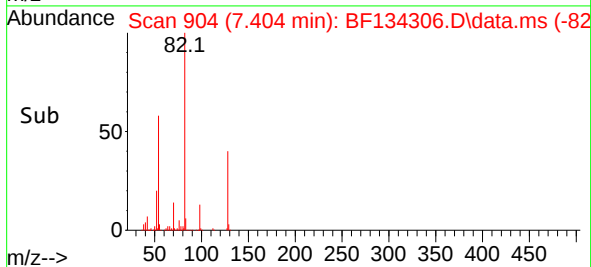
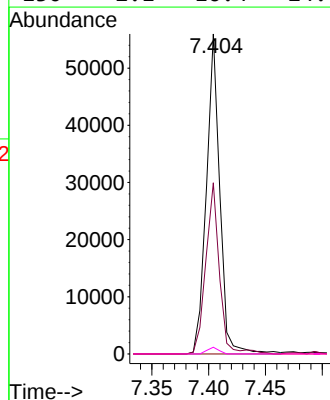
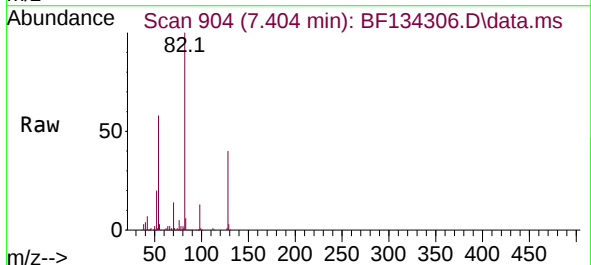
Ion Ratio Lower Upper

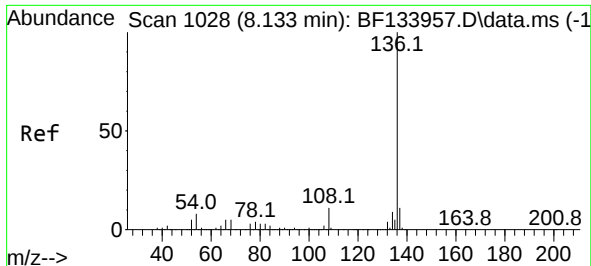
70 100

42 53.5 54.7 82.1#

101 0.0 7.7 11.5#

130 2.1 16.4 24.6#

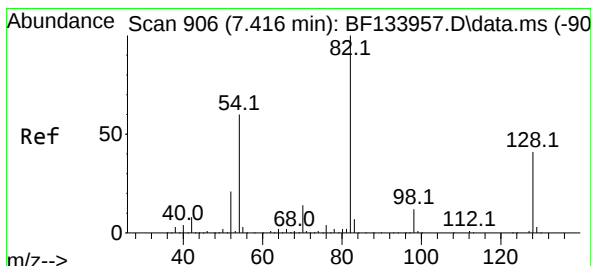
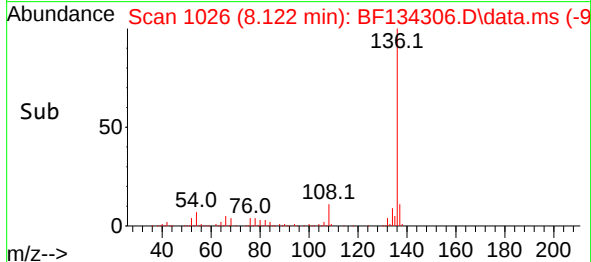
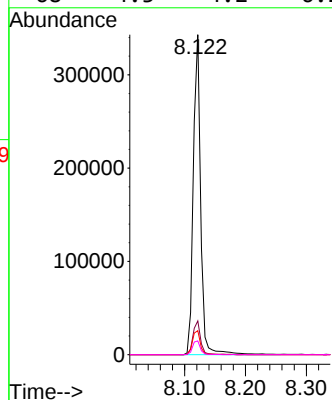
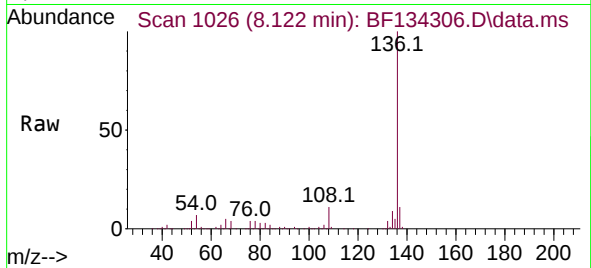




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF134306.D
Acq: 15 Jul 2023 00:25

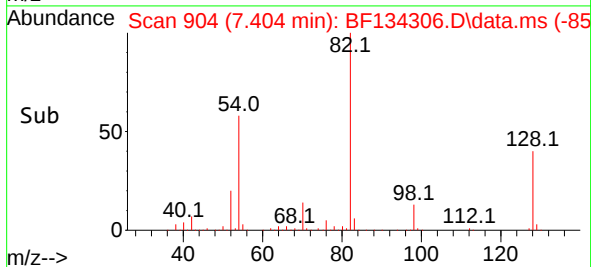
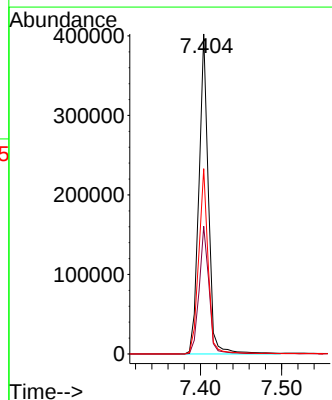
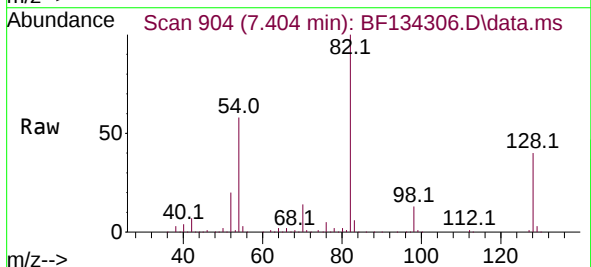
Instrument :
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RB-43-(2-5)

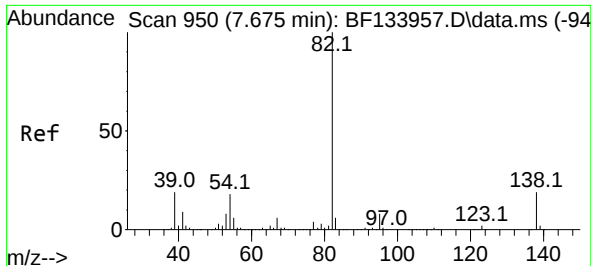
Tgt Ion:136 Resp: 287087
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.5 6.5 9.7
68 4.3 4.2 6.2



#23
Nitrobenzene-d5
Concen: 62.053 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134306.D
Acq: 15 Jul 2023 00:25

Tgt Ion: 82 Resp: 330479
Ion Ratio Lower Upper
82 100
128 39.9 32.5 48.7
54 57.9 48.2 72.2

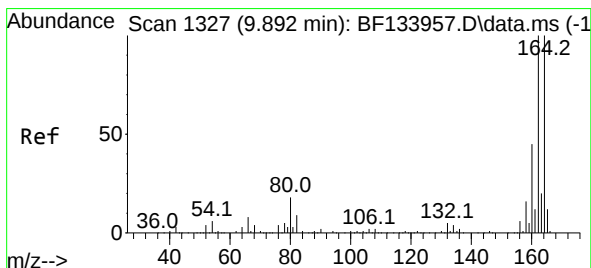
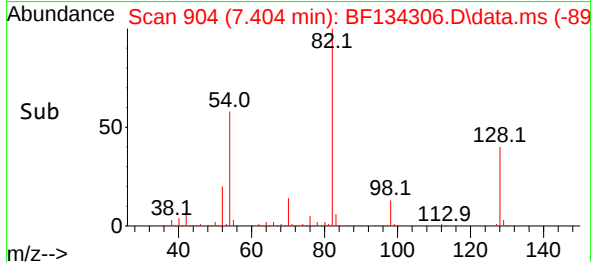
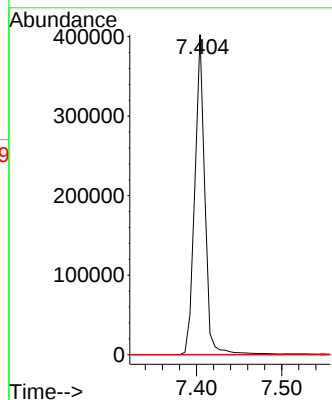
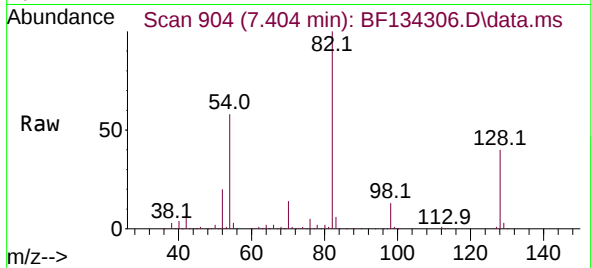




#25
Isophorone
Concen: 34.143 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134306.D
Acq: 15 Jul 2023 00:25

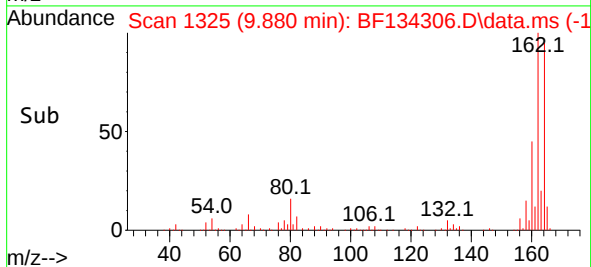
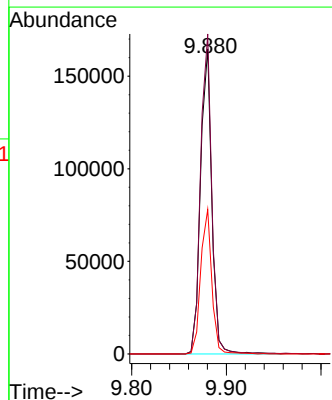
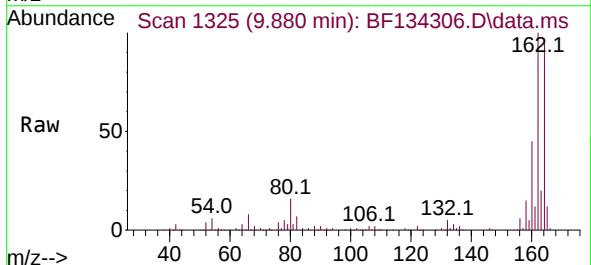
Instrument :
BNA_F
ClientSampleId :
RB-43-(2-5)

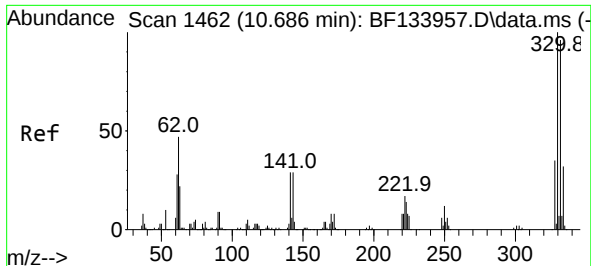
Tgt Ion: 82 Resp: 330475
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF134306.D
Acq: 15 Jul 2023 00:25

Tgt Ion: 164 Resp: 136759
Ion Ratio Lower Upper
164 100
162 104.9 80.0 120.0
160 47.3 35.9 53.9

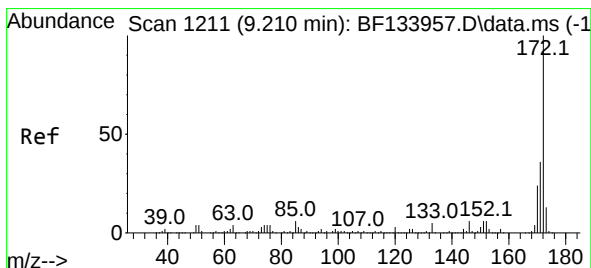
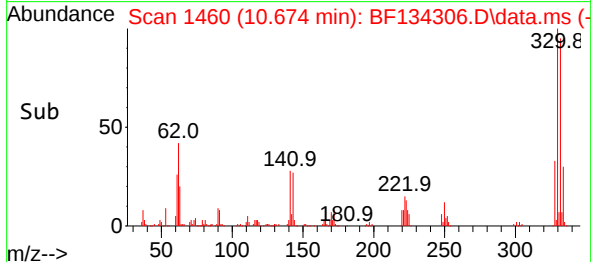
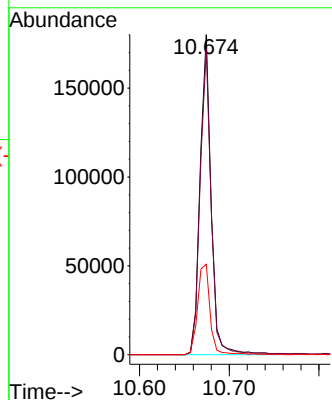
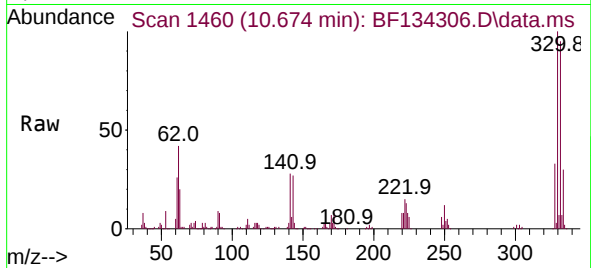




#42
2,4,6-Tribromophenol
Concen: 89.590 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134306.D
Acq: 15 Jul 2023 00:25

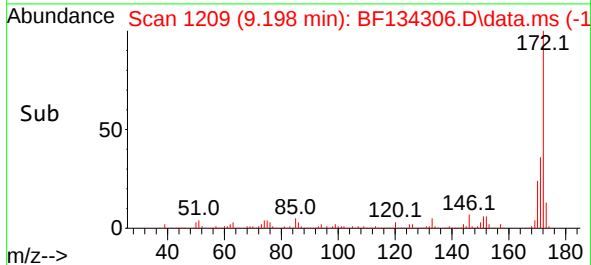
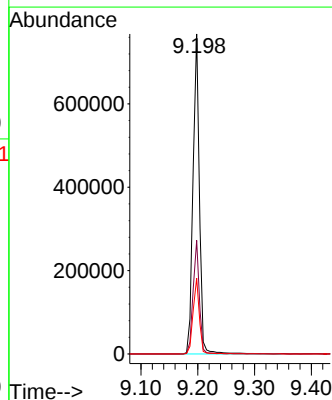
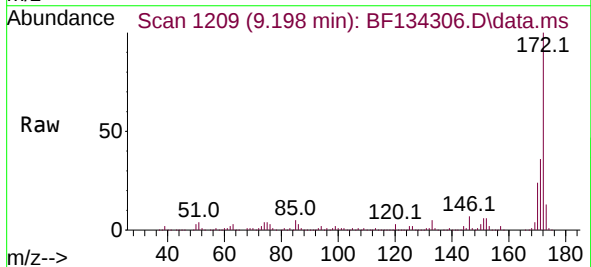
Instrument :
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ClientSampleId :
RB-43-(2-5)

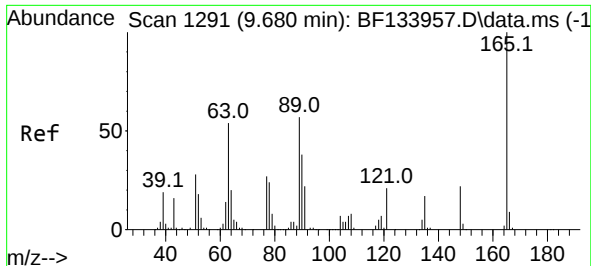
Tgt Ion:330 Resp: 153618
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 32.1 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 63.592 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134306.D
Acq: 15 Jul 2023 00:25

Tgt Ion:172 Resp: 598175
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.7 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 7.966 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF134306.D

Acq: 15 Jul 2023 00:25

Instrument :

BNA_F

ClientSampleId :

RB-43-(2-5)

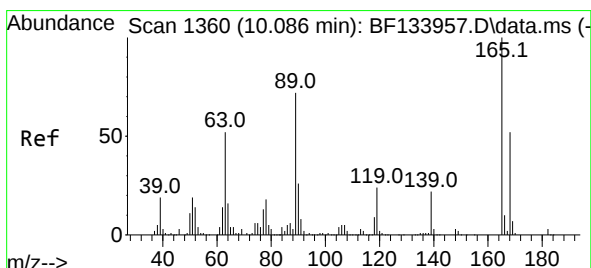
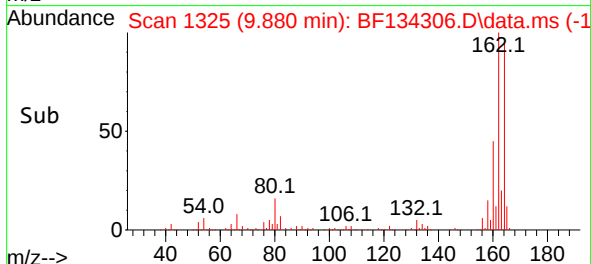
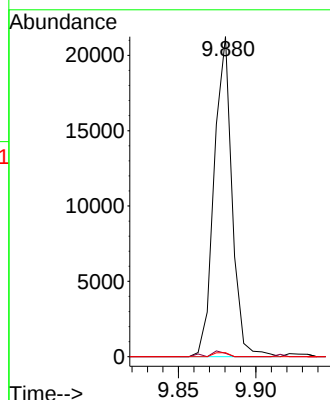
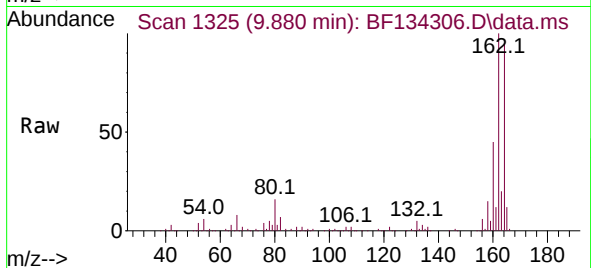
Tgt Ion:165 Resp: 17032

Ion Ratio Lower Upper

165 100

63 1.0 48.5 72.7#

89 1.3 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.032 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.200 min

Lab File: BF134306.D

Acq: 15 Jul 2023 00:25

Tgt Ion:165 Resp: 17032

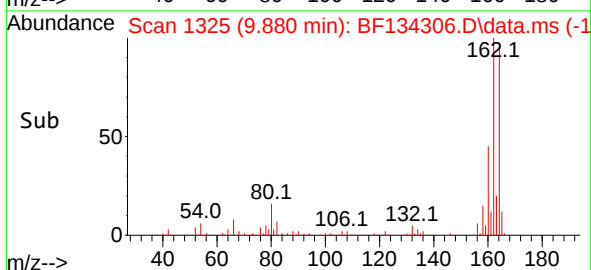
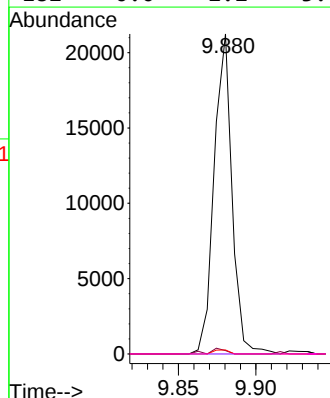
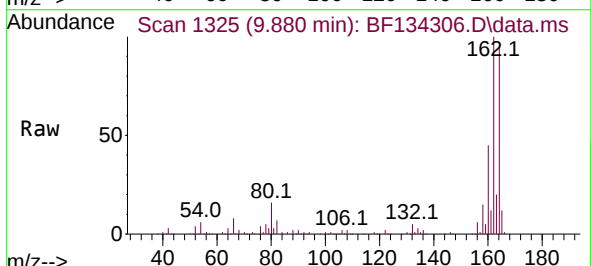
Ion Ratio Lower Upper

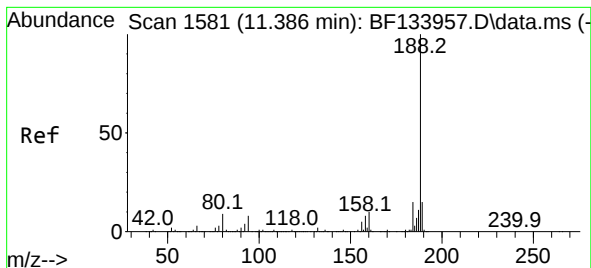
165 100

63 1.0 42.2 63.2#

89 1.3 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. -0.000 min

Lab File: BF134306.D

Acq: 15 Jul 2023 00:25

Instrument :

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RB-43-(2-5)

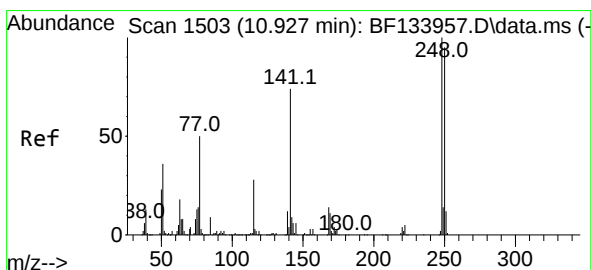
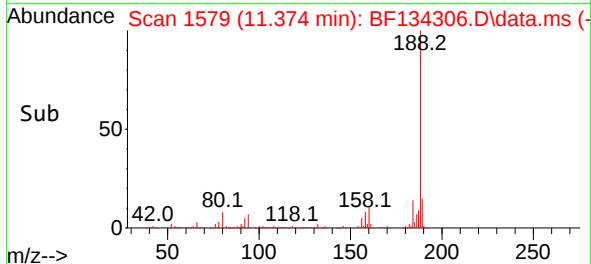
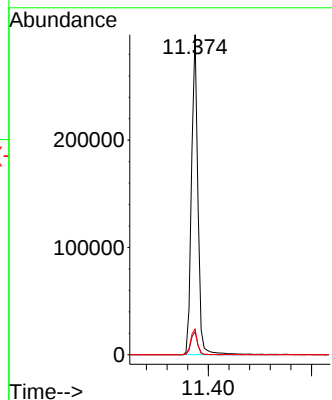
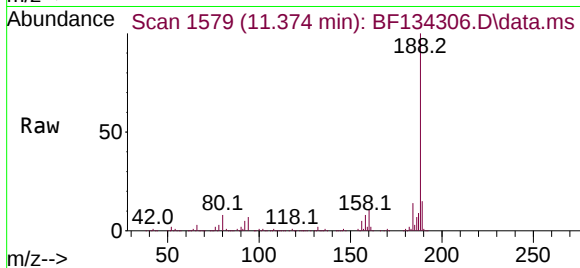
Tgt Ion:188 Resp: 256378

Ion Ratio Lower Upper

188 100

94 7.2 6.4 9.6

80 8.0 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 3.396 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.241 min

Lab File: BF134306.D

Acq: 15 Jul 2023 00:25

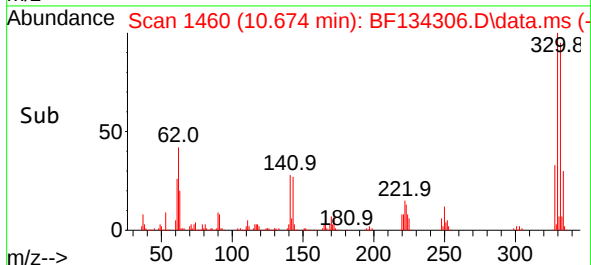
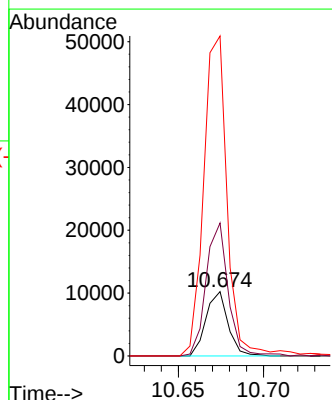
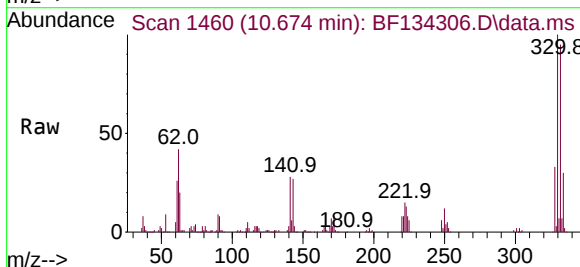
Tgt Ion:248 Resp: 9254

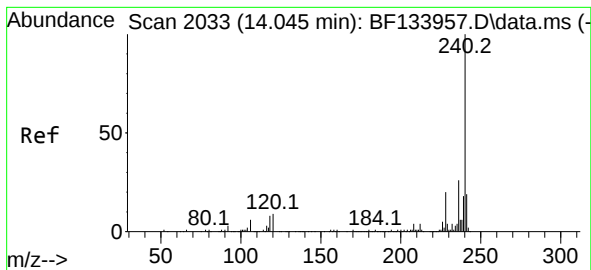
Ion Ratio Lower Upper

248 100

250 206.4 76.2 114.4#

141 496.9 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF134306.D

Acq: 15 Jul 2023 00:25

Instrument :

BNA_F

ClientSampleId :

RB-43-(2-5)

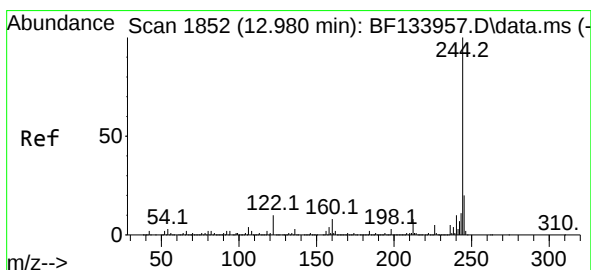
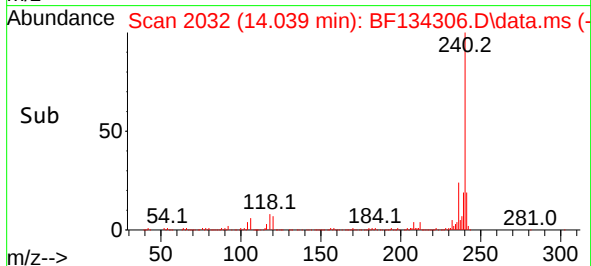
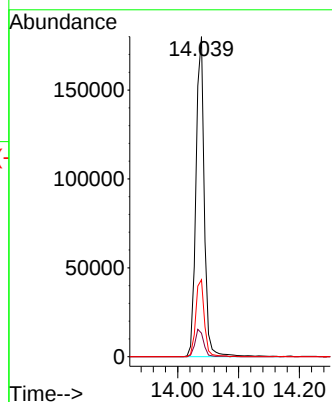
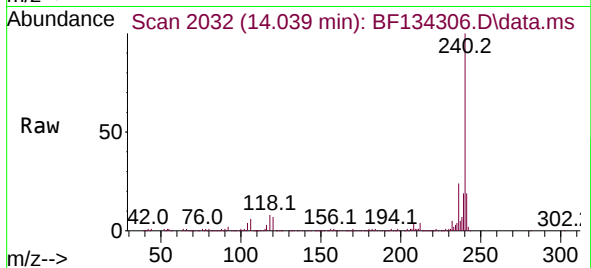
Tgt Ion:240 Resp: 170983

Ion Ratio Lower Upper

240 100

120 7.4 7.4 11.0#

236 24.0 21.0 31.6



#79

Terphenyl-d14

Concen: 55.048 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF134306.D

Acq: 15 Jul 2023 00:25

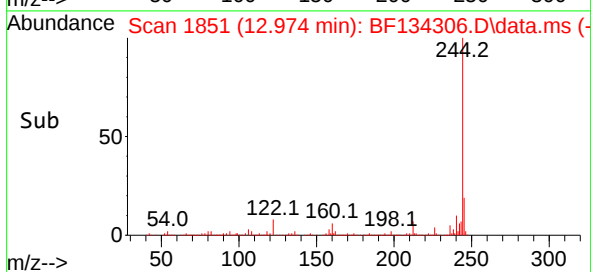
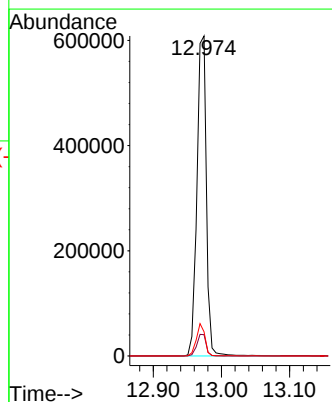
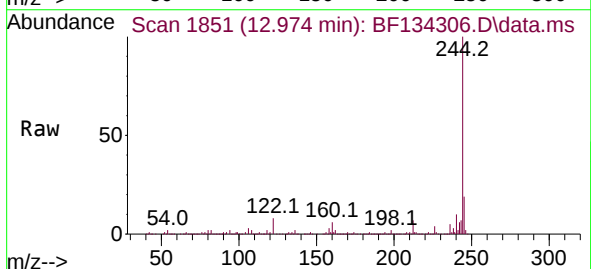
Tgt Ion:244 Resp: 584819

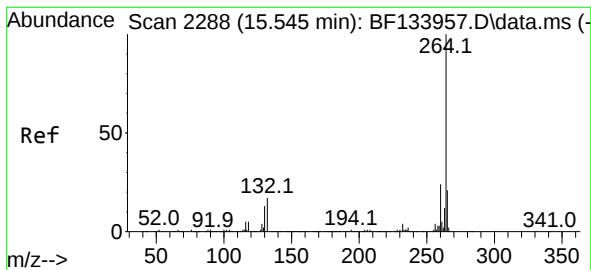
Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

122 7.6 8.3 12.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134306.D

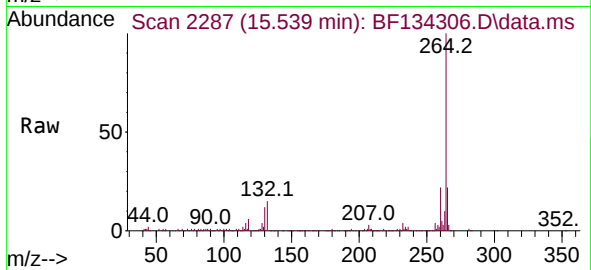
Acq: 15 Jul 2023 00:25

Instrument :

BNA_F

ClientSampleId :

RB-43-(2-5)



Tgt Ion:264 Resp: 133077

Ion Ratio Lower Upper

264 100

260 21.7 19.5 29.3

265 21.6 16.6 25.0

