

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134311.D
 Acq On : 15 Jul 2023 03:09
 Operator : CG\JU
 Sample : 03597-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-46-(0-2)

Quant Time: Jul 15 04:35:55 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)

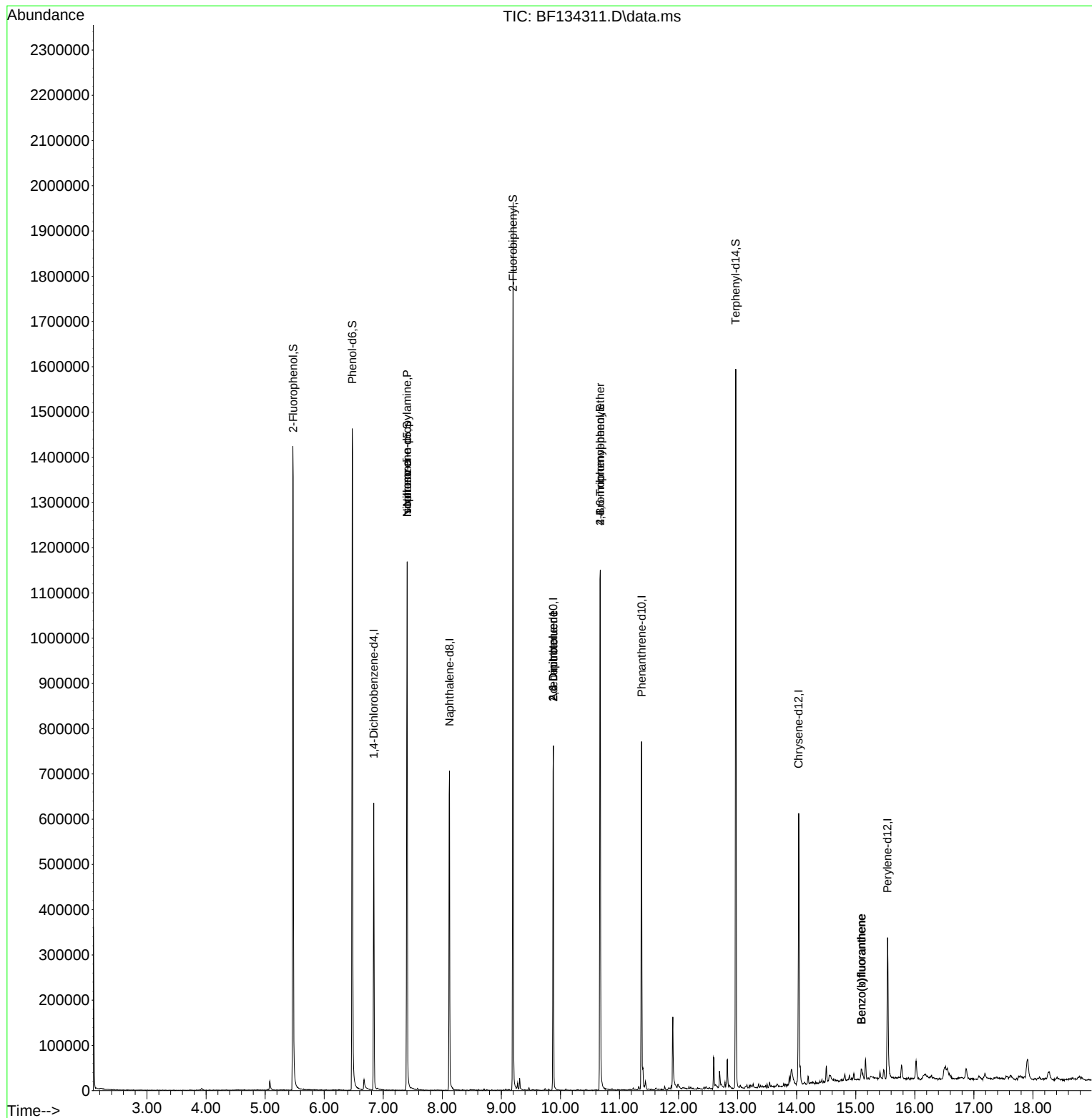
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	84840	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	318523	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	153630	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	284581	20.000	ng	0.00
76) Chrysene-d12	14.033	240	194252	20.000	ng	0.00
86) Perylene-d12	15.539	264	154161	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	395293	77.939	ng	0.00
7) Phenol-d6	6.475	99	478984	76.793	ng	-0.01
23) Nitrobenzene-d5	7.404	82	321274	54.371	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	153562	79.722	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	562897	53.270	ng	0.00
79) Terphenyl-d14	12.968	244	503965	41.755	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	767	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	45000	11.376	ng	# 76
25) Isophorone	7.404	82	321271	29.916	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	19483	8.111	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	19483	6.142	ng	# 22
67) 4-Bromophenyl-phenylether	10.674	248	9085	3.004	ng	# 1
88) Benzo(b)fluoranthene	15.098	252	19627	2.165	ng	# 97
89) Benzo(k)fluoranthene	15.098	252	19627	2.127	ng	# 97

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

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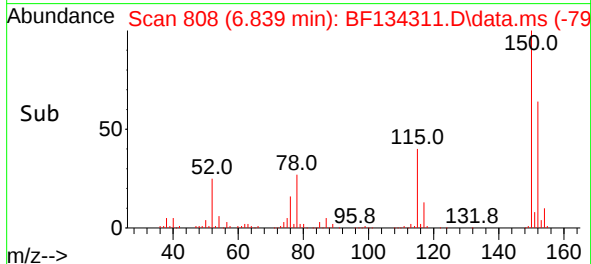
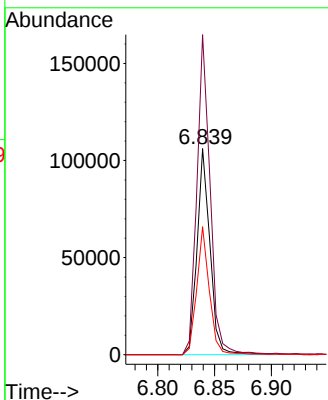
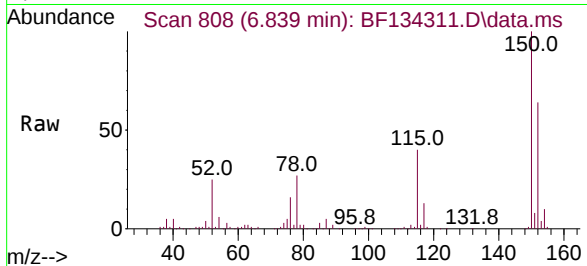




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134311.D
Acq: 15 Jul 2023 03:09

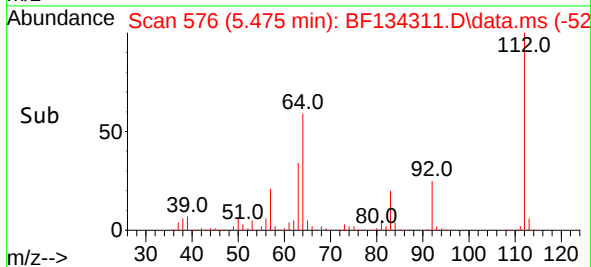
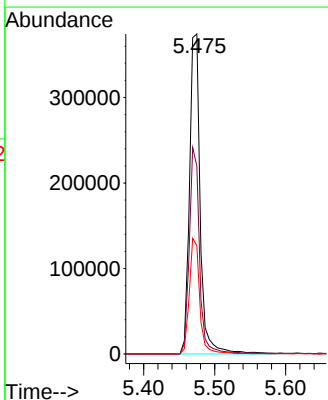
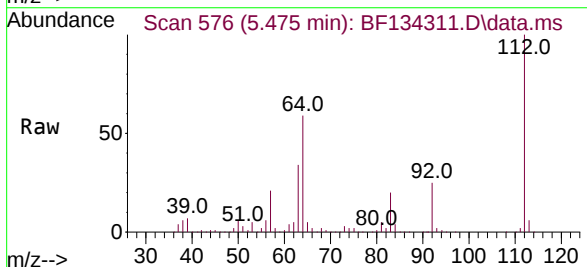
Instrument :
BNA_F
ClientSampleId :
RB-46-(0-2)

Tgt Ion:152 Resp: 84840
Ion Ratio Lower Upper
152 100
150 155.3 124.5 186.7
115 62.1 50.2 75.2



#5
2-Fluorophenol
Concen: 77.939 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134311.D
Acq: 15 Jul 2023 03:09

Tgt Ion:112 Resp: 395293
Ion Ratio Lower Upper
112 100
64 58.8 52.1 78.1
63 33.9 28.6 42.8

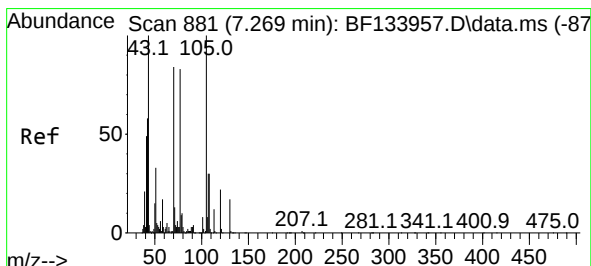
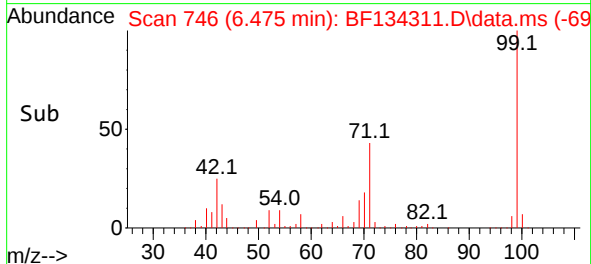
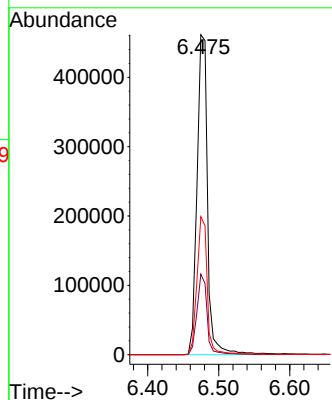
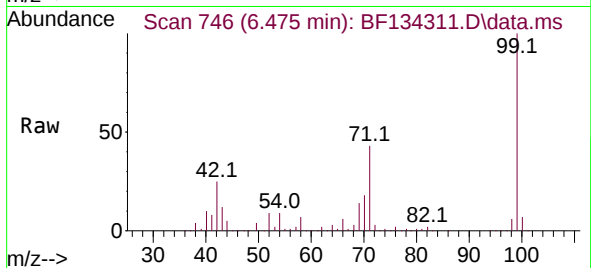




#7
Phenol-d6
Concen: 76.793 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134311.D
Acq: 15 Jul 2023 03:09

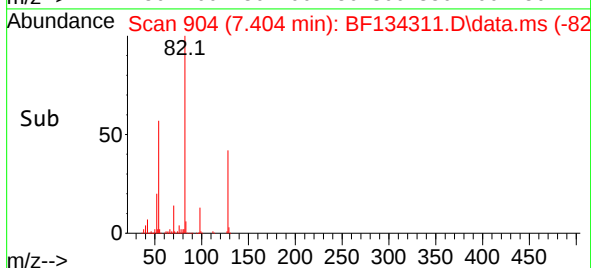
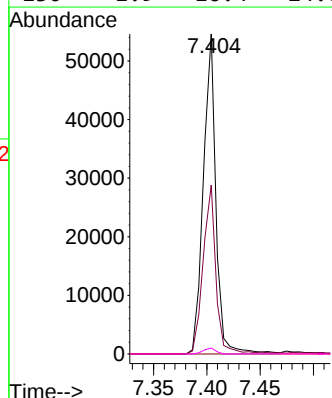
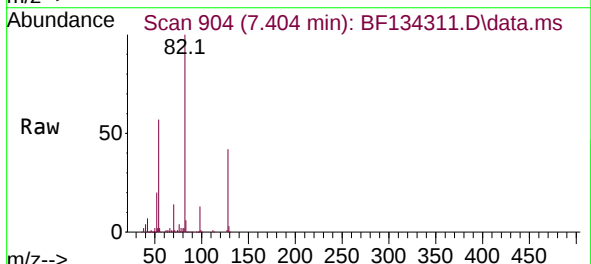
Instrument :
BNA_F
ClientSampleId :
RB-46-(0-2)

Tgt Ion: 99 Resp: 478984
Ion Ratio Lower Upper
99 100
42 25.2 19.8 29.6
71 43.1 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.376 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF134311.D
Acq: 15 Jul 2023 03:09

Tgt Ion: 70 Resp: 45000
Ion Ratio Lower Upper
70 100
42 52.8 54.7 82.1#
101 0.0 7.7 11.5#
130 1.9 16.4 24.6#



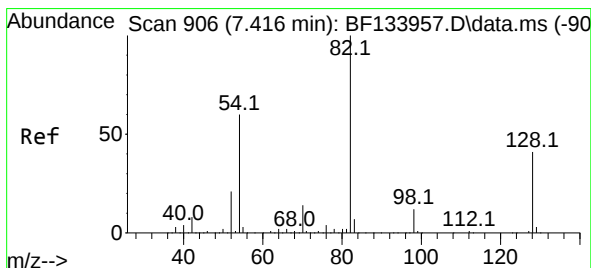
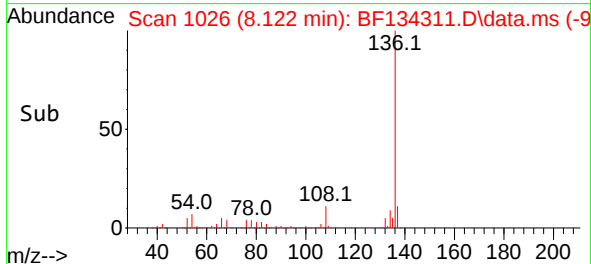
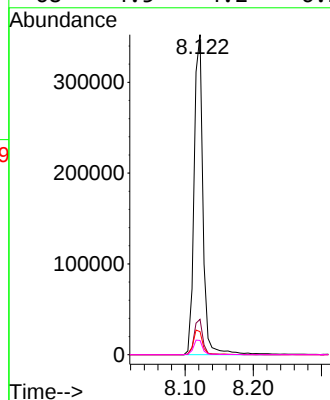
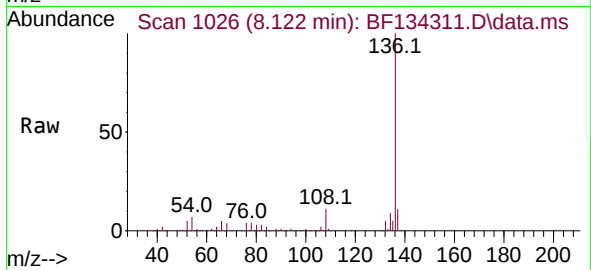


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF134311.D
Acq: 15 Jul 2023 03:09

Instrument :
BNA_F
ClientSampleId :
RB-46-(0-2)

Tgt Ion:136 Resp: 318523

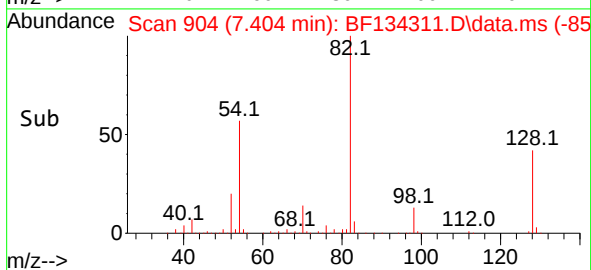
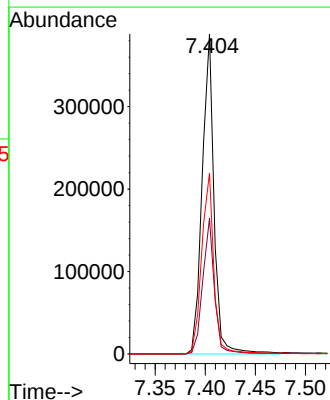
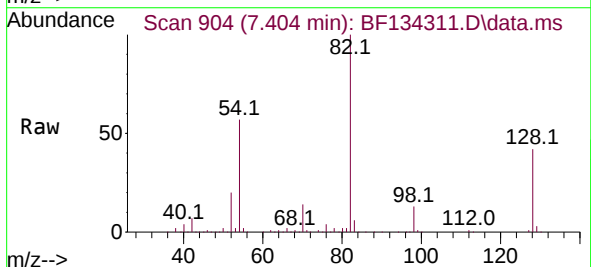
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	7.2	6.5	9.7
68	4.5	4.2	6.2

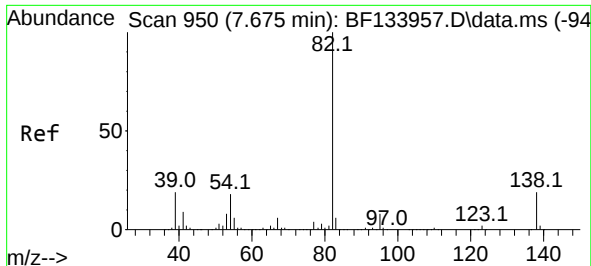


#23
Nitrobenzene-d5
Concen: 54.371 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134311.D
Acq: 15 Jul 2023 03:09

Tgt Ion: 82 Resp: 321274

Ion	Ratio	Lower	Upper
82	100		
128	42.4	32.5	48.7
54	56.6	48.2	72.2

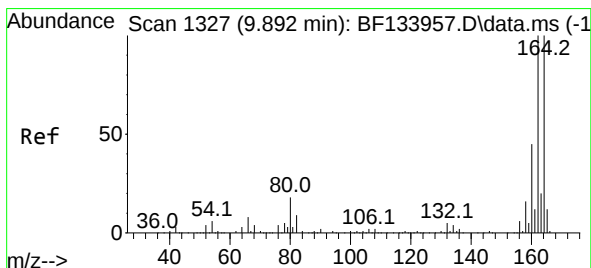
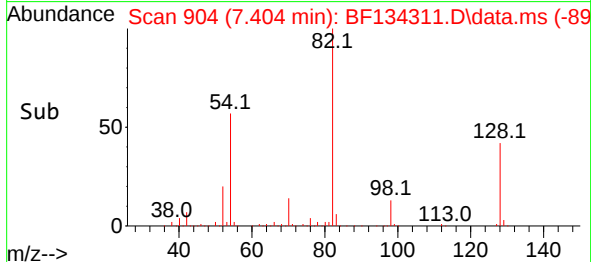
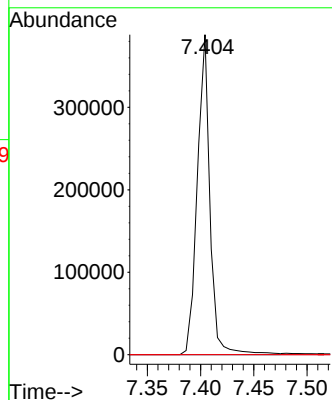
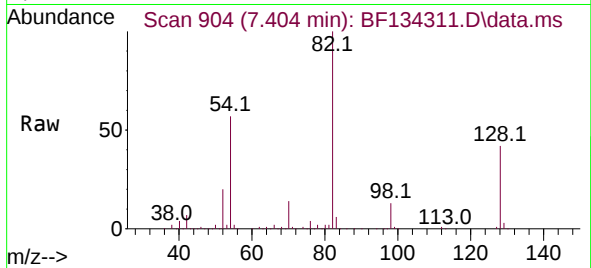




#25
Isophorone
Concen: 29.916 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134311.D
Acq: 15 Jul 2023 03:09

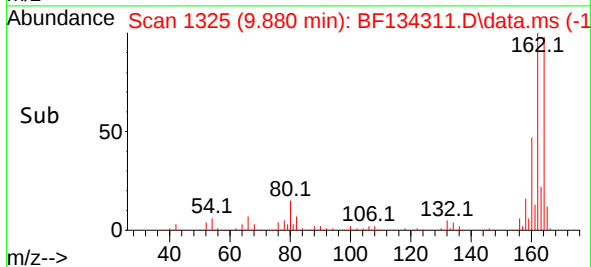
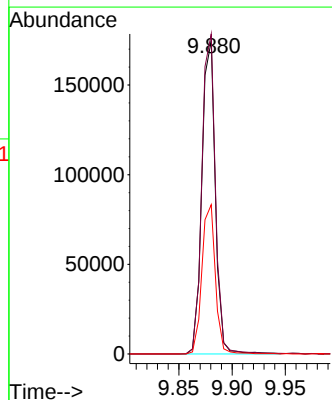
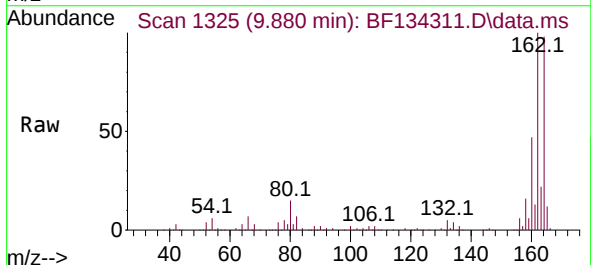
Instrument :
BNA_F
ClientSampleId :
RB-46-(0-2)

Tgt Ion: 82 Resp: 321271
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: BF134311.D
Acq: 15 Jul 2023 03:09

Tgt Ion:164 Resp: 153630
Ion Ratio Lower Upper
164 100
162 102.1 80.0 120.0
160 47.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 79.722 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF134311.D

Acq: 15 Jul 2023 03:09

Instrument :

BNA_F

ClientSampleId :

RB-46-(0-2)

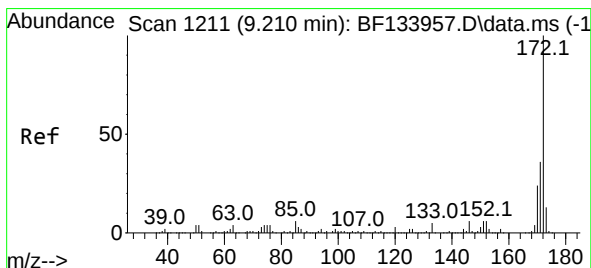
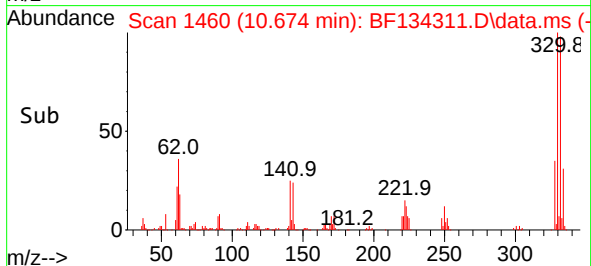
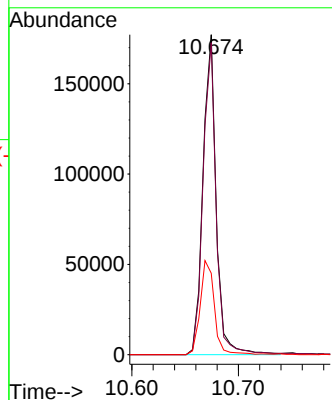
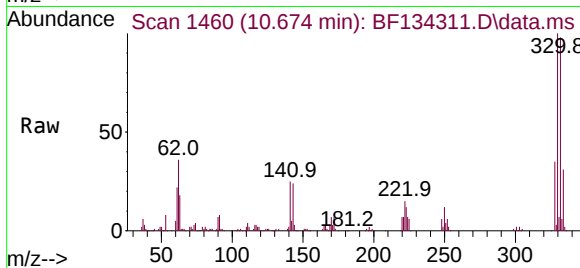
Tgt Ion:330 Resp: 153562

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

141 31.8 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 53.270 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134311.D

Acq: 15 Jul 2023 03:09

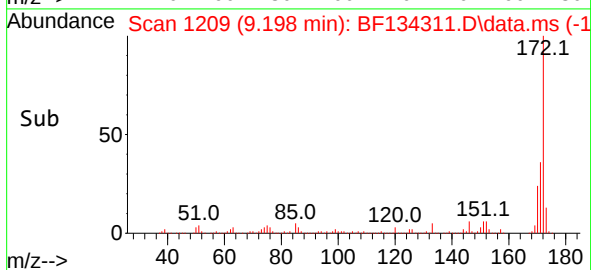
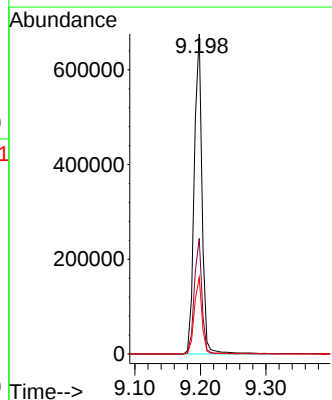
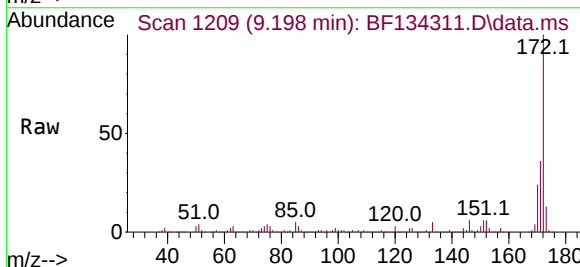
Tgt Ion:172 Resp: 562897

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 23.9 19.4 29.0

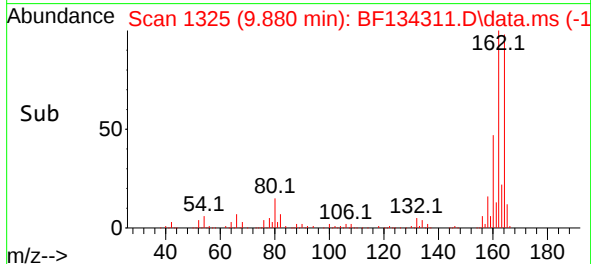
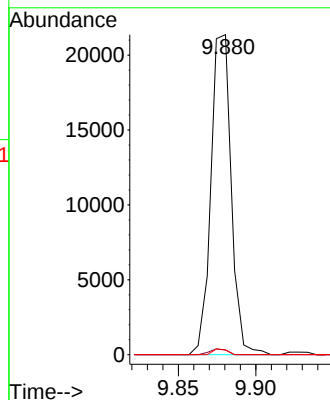
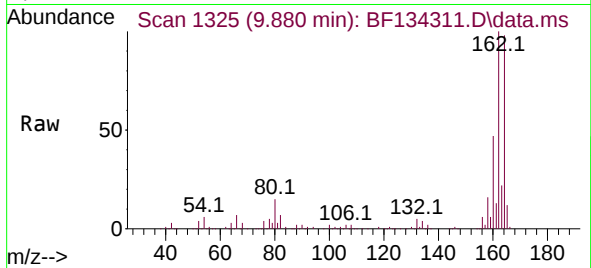




#51
2,6-Dinitrotoluene
Concen: 8.111 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134311.D
Acq: 15 Jul 2023 03:09

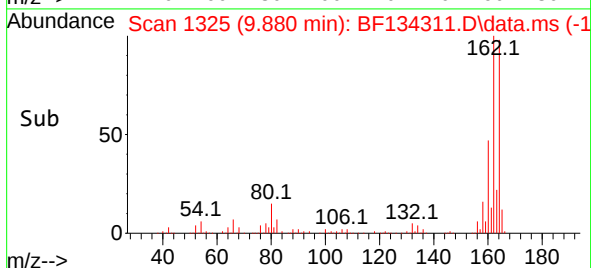
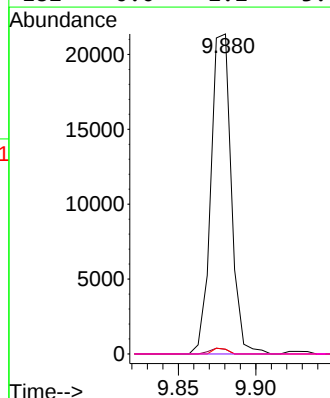
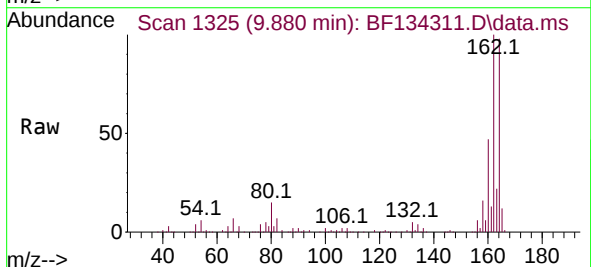
Instrument :
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ClientSampleId :
RB-46-(0-2)

Tgt Ion:165 Resp: 19483
Ion Ratio Lower Upper
165 100
63 1.4 48.5 72.7#
89 1.5 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.142 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF134311.D
Acq: 15 Jul 2023 03:09

Tgt Ion:165 Resp: 19483
Ion Ratio Lower Upper
165 100
63 1.4 42.2 63.2#
89 1.5 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: BF134311.D

Acq: 15 Jul 2023 03:09

Instrument :

BNA_F

ClientSampleId :

RB-46-(0-2)

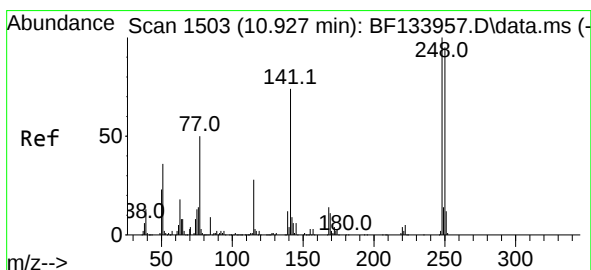
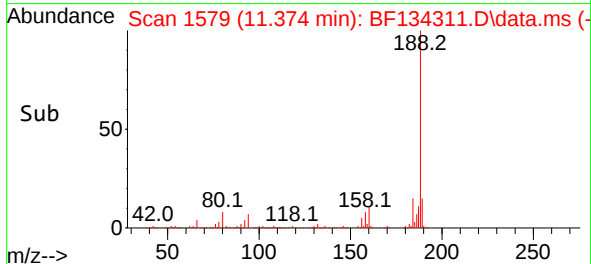
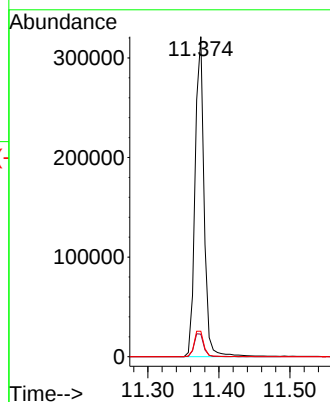
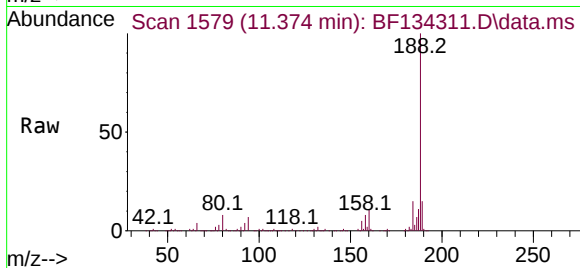
Tgt Ion:188 Resp: 284581

Ion Ratio Lower Upper

188 100

94 7.0 6.4 9.6

80 8.0 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 3.004 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.241 min

Lab File: BF134311.D

Acq: 15 Jul 2023 03:09

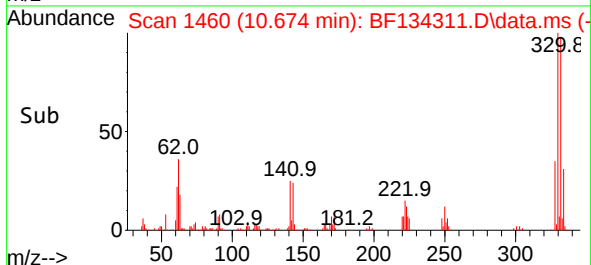
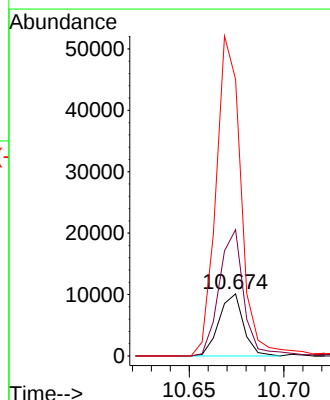
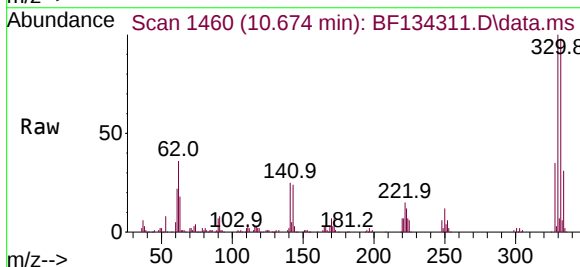
Tgt Ion:248 Resp: 9085

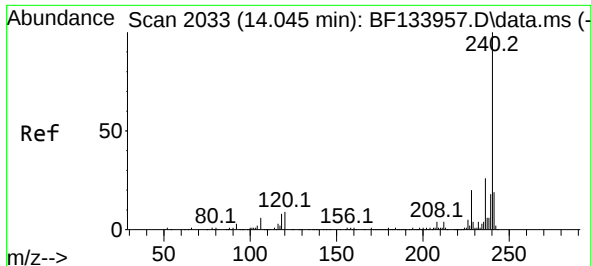
Ion Ratio Lower Upper

248 100

250 203.4 76.2 114.4#

141 446.1 59.0 88.4#

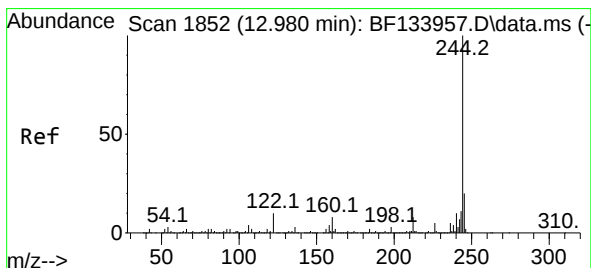
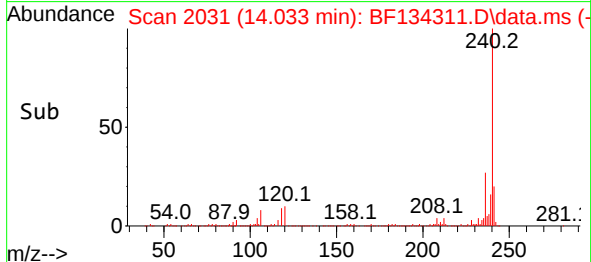
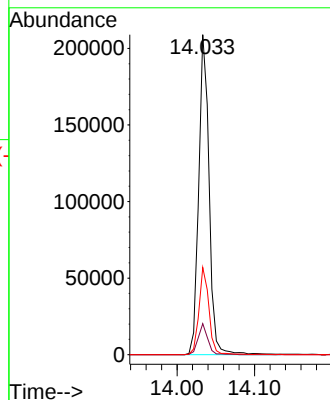
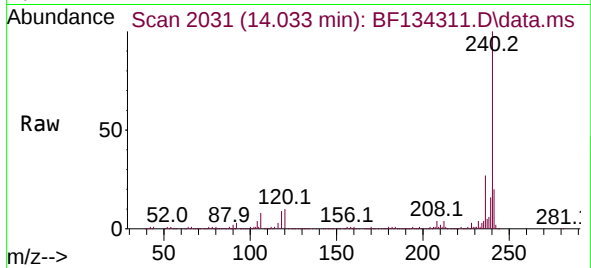




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF134311.D
Acq: 15 Jul 2023 03:09

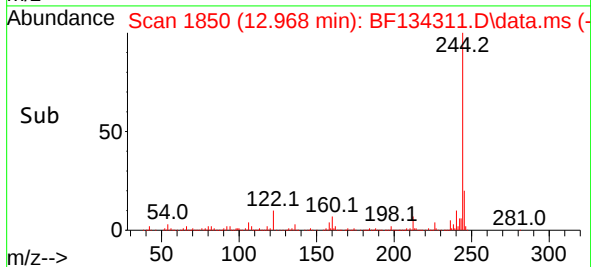
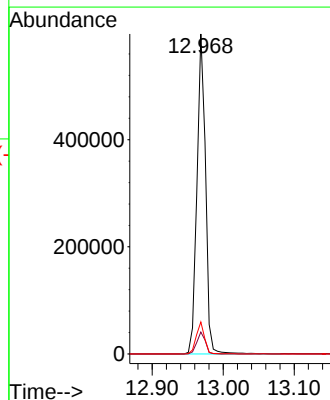
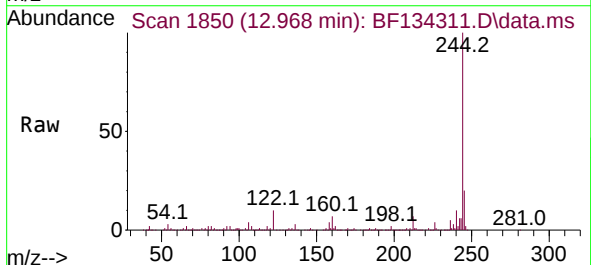
Instrument :
BNA_F
ClientSampleId :
RB-46-(0-2)

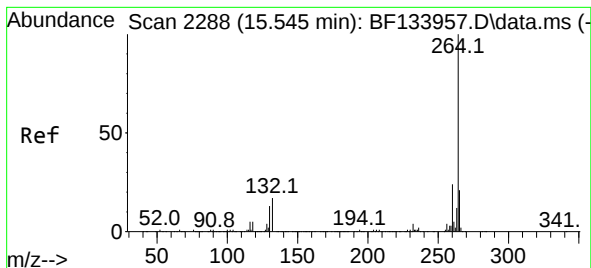
Tgt Ion:240 Resp: 194252
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 27.3 21.0 31.6



#79
Terphenyl-d14
Concen: 41.755 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF134311.D
Acq: 15 Jul 2023 03:09

Tgt Ion:244 Resp: 503965
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 10.0 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: BF134311.D

Acq: 15 Jul 2023 03:09

Instrument :

BNA_F

ClientSampleId :

RB-46-(0-2)

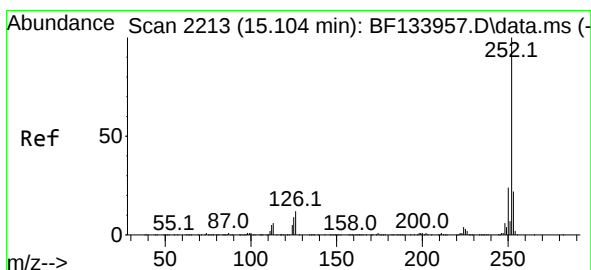
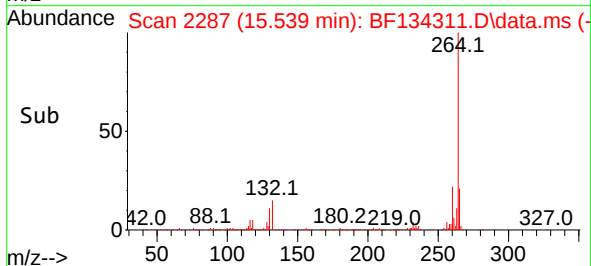
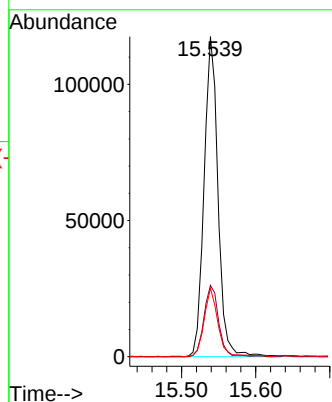
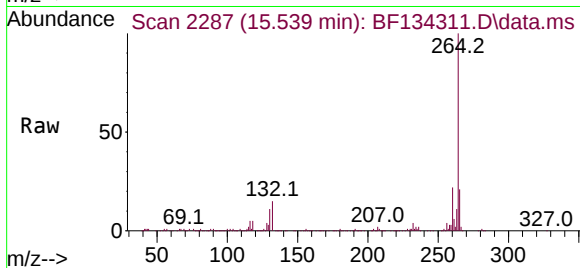
Tgt Ion:264 Resp: 154161

Ion Ratio Lower Upper

264 100

260 22.3 19.5 29.3

265 21.4 16.6 25.0



#88

Benzo(b)fluoranthene

Concen: 2.165 ng

RT: 15.098 min Scan# 2212

Delta R.T. -0.006 min

Lab File: BF134311.D

Acq: 15 Jul 2023 03:09

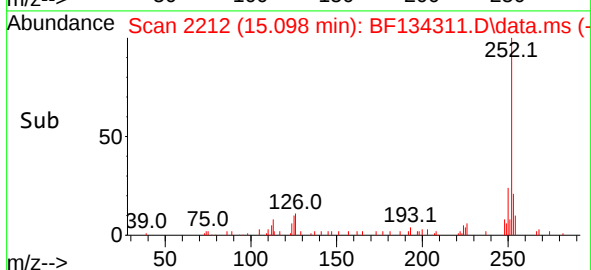
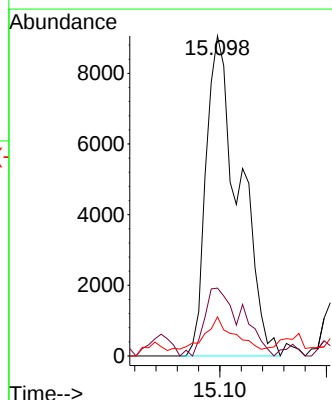
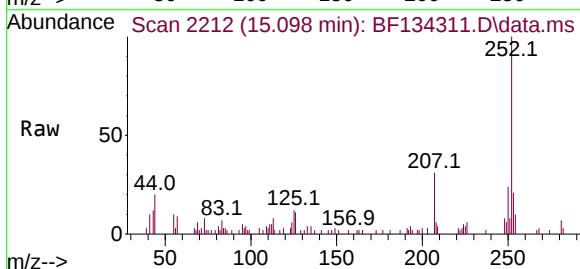
Tgt Ion:252 Resp: 19627

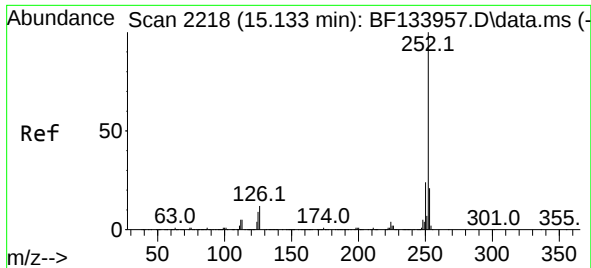
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

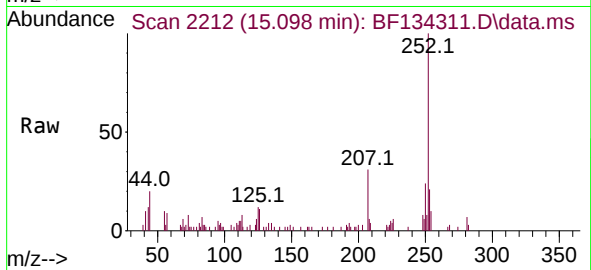
125 12.2 7.1 10.7#





#89
Benzo(k)fluoranthene
Concen: 2.127 ng
RT: 15.098 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF134311.D
Acq: 15 Jul 2023 03:09

Instrument :
BNA_F
ClientSampleId :
RB-46-(0-2)



Tgt Ion:252 Resp: 19627
Ion Ratio Lower Upper
252 100
253 21.2 16.9 25.3
125 12.2 7.4 11.2#

