

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137574.D
 Acq On : 13 Mar 2024 13:42
 Operator : CG\JU
 Sample : P1725-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3860

Quant Time: Mar 13 15:47:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

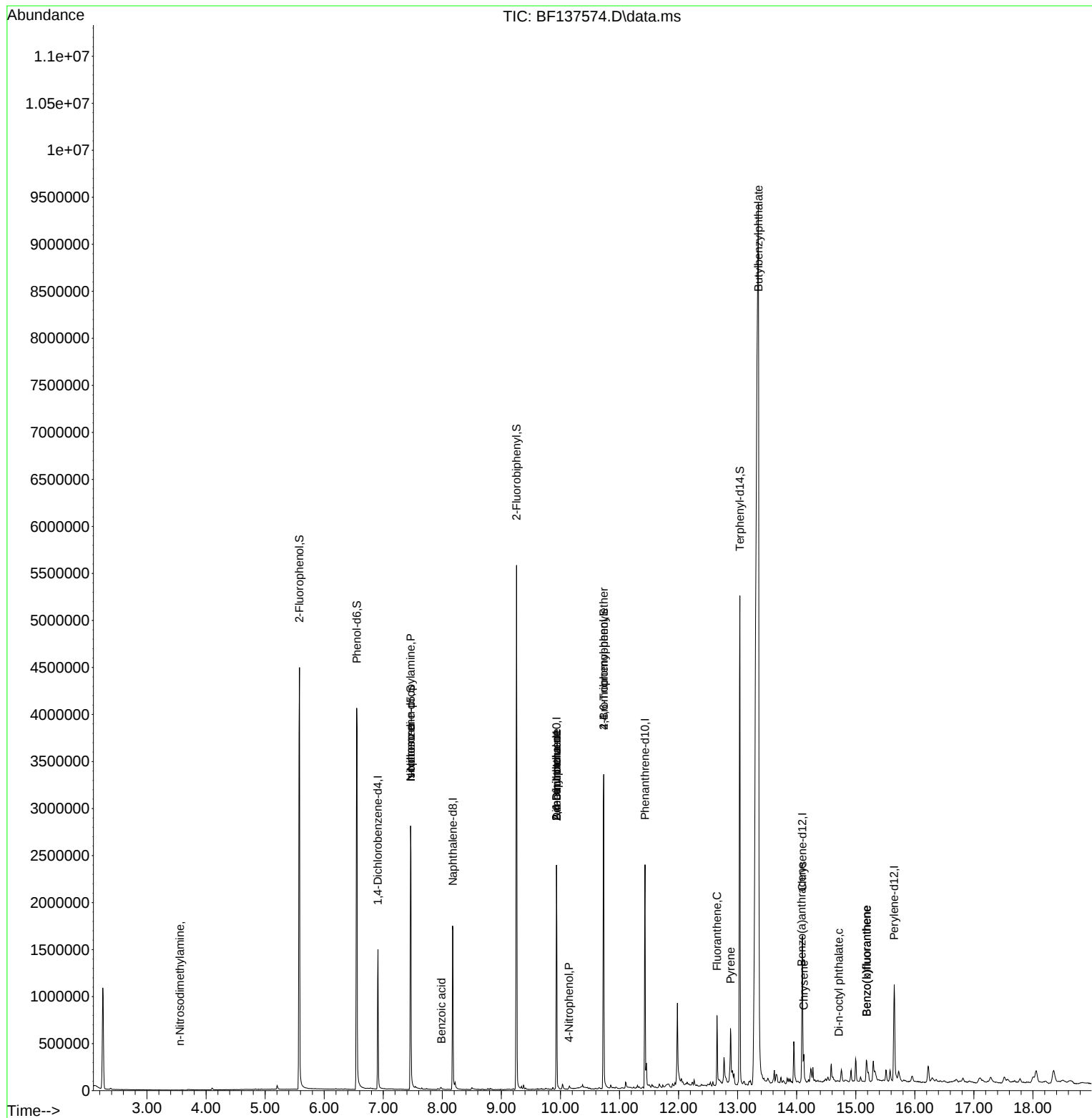
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	214800	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	837945	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	478637	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	846299	20.000	ng	0.00
76) Chrysene-d12	14.098	240	533934	20.000	ng	0.00
86) Perylene-d12	15.651	264	522993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1260978	88.911	ng	0.01
7) Phenol-d6	6.551	99	1749122	85.439	ng	0.00
23) Nitrobenzene-d5	7.463	82	1092252	60.565	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	424159	100.912	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1751352	57.277	ng	0.00
79) Terphenyl-d14	13.039	244	1864538	48.020	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.557	42	156	3.827	ng	# 1
19) n-Nitroso-di-n-propyla...	7.463	70	137319	10.862	ng	# 79
25) Isophorone	7.463	82	1092247	31.879	ng	# 69
32) Benzoic acid	7.986	122	60	6.305	ng	# 89
50) Dimethylphthalate	9.933	163	78715	2.362	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	61744	8.860	ng	# 20
56) 4-Nitrophenol	10.145	139	1007	4.708	ng	# 5
57) 2,4-Dinitrotoluene	9.933	165	61744	7.212	ng	# 21
67) 4-Bromophenyl-phenylether	10.733	248	27898	3.027	ng	# 1
75) Fluoranthene	12.651	202	283066	6.288	ng	100
78) Pyrene	12.880	202	224883	4.292	ng	98
80) Butylbenzylphthalate	13.351	149	2915383	217.892	ng	# 19
81) Benzo(a)anthracene	14.086	228	82949	2.217	ng	99
83) Chrysene	14.121	228	118376	3.130	ng	99
85) Di-n-octyl phthalate	14.715	149	609	5.623	ng	# 55
88) Benzo(b)fluoranthene	15.186	252	178081	5.756	ng	98
89) Benzo(k)fluoranthene	15.186	252	178081	5.359	ng	99

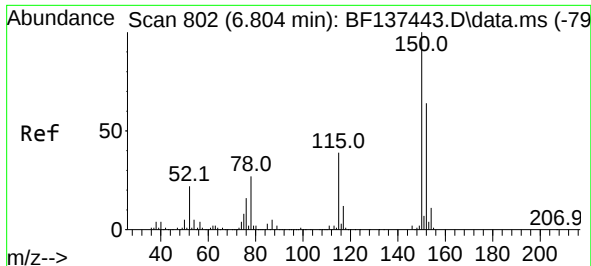
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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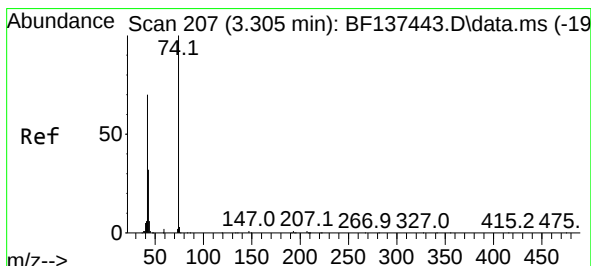
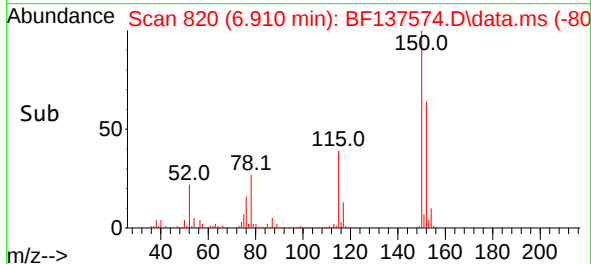
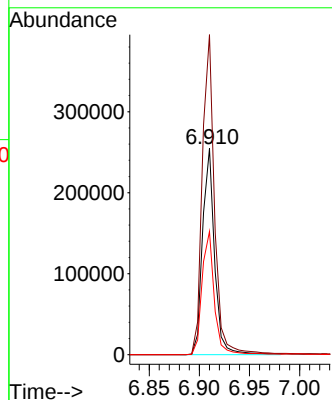
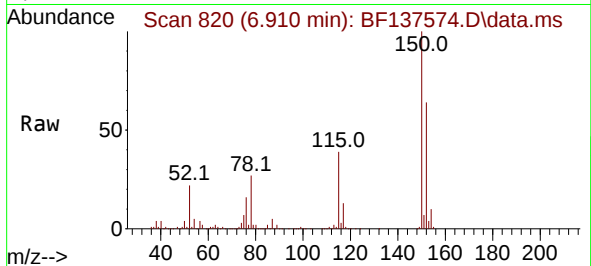




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

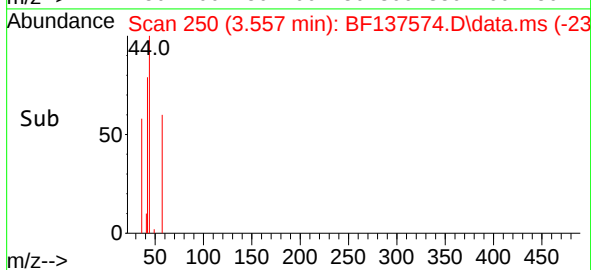
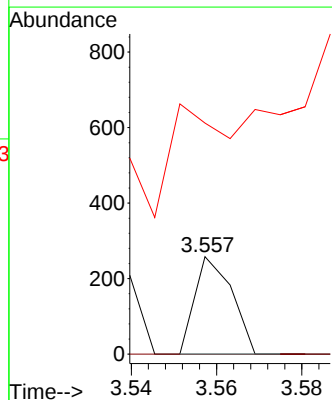
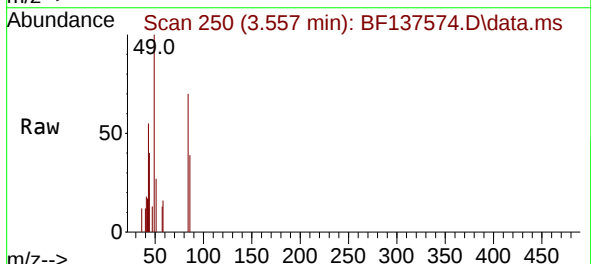
Instrument :
BNA_F
ClientSampleId :
RT-3860

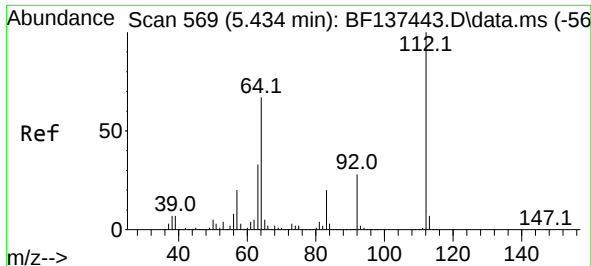
Tgt Ion:152 Resp: 214800
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 59.7 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.827 ng
RT: 3.557 min Scan# 250
Delta R.T. -0.012 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

Tgt Ion: 42 Resp: 156
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 237.2 7.0 10.4#

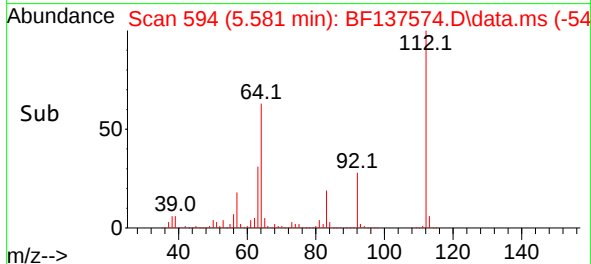
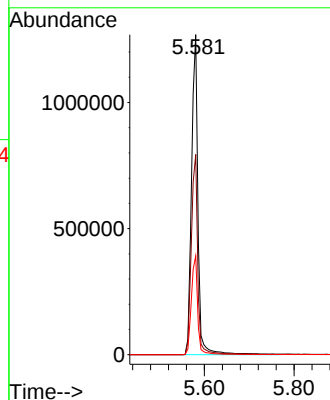
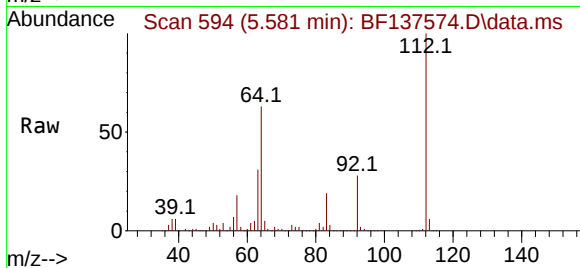




#5
2-Fluorophenol
Concen: 88.911 ng
RT: 5.581 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

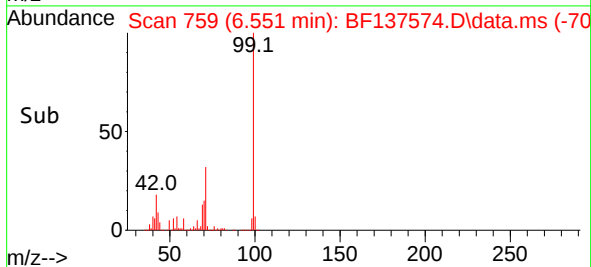
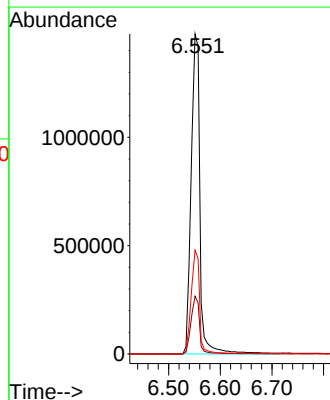
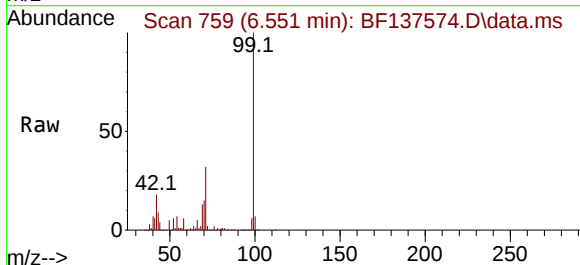
Instrument :
BNA_F
ClientSampleId :
RT-3860

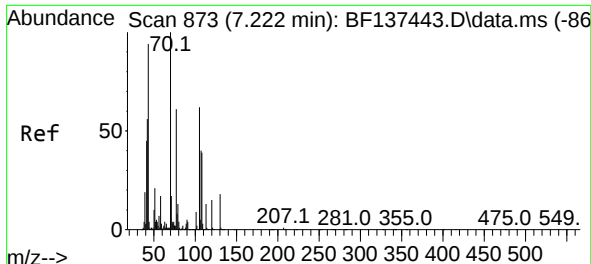
Tgt Ion:112 Resp: 1260978
Ion Ratio Lower Upper
112 100
64 62.6 53.4 80.2
63 30.9 26.2 39.2



#7
Phenol-d6
Concen: 85.439 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

Tgt Ion: 99 Resp: 1749122
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 32.4 25.3 37.9



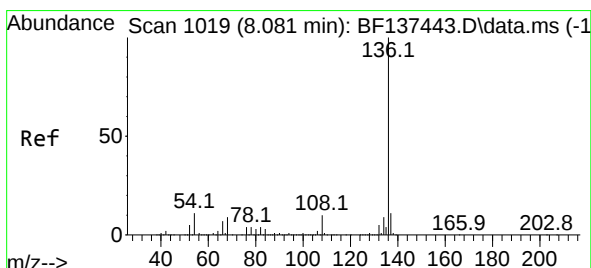
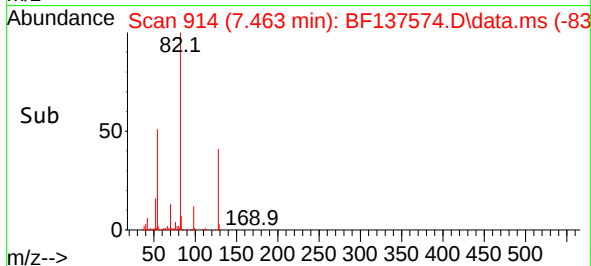
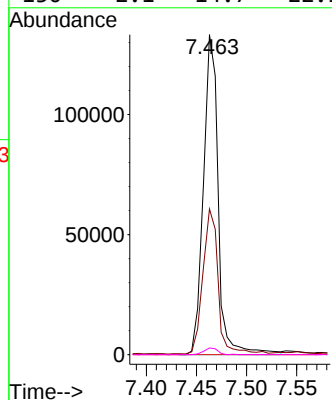
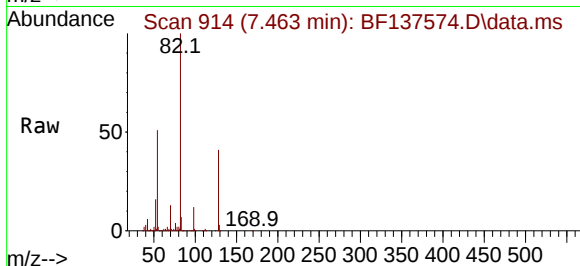


#19
n-Nitroso-di-n-propylamine
Concen: 10.862 ng
RT: 7.463 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

Instrument :
BNA_F
ClientSampleId :
RT-3860

Tgt Ion: 70 Resp: 137319

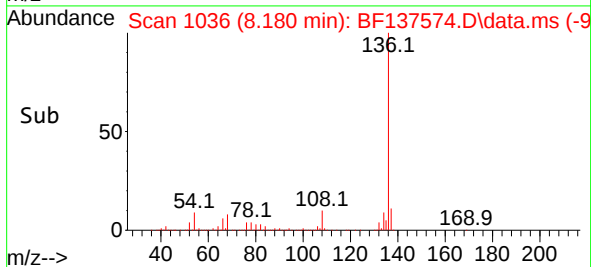
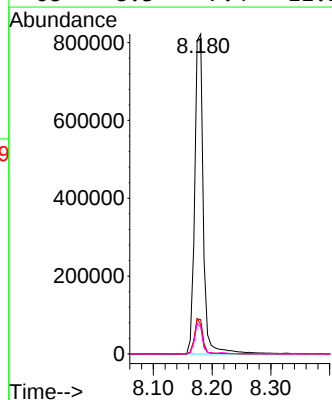
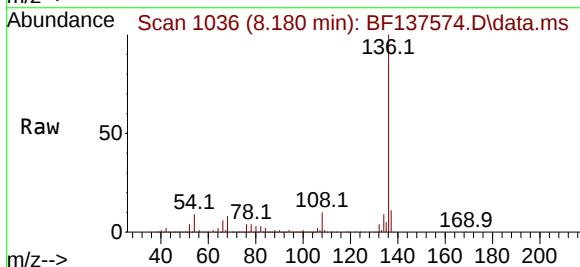
Ion	Ratio	Lower	Upper
70	100		
42	45.6	45.2	67.8
101	0.0	7.3	10.9#
130	2.1	14.7	22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

Tgt Ion: 136 Resp: 837945

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	9.1	8.5	12.7
68	8.3	7.4	11.2





#23

Nitrobenzene-d5

Concen: 60.565 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF137574.D

Acq: 13 Mar 2024 13:42

Instrument :

BNA_F

ClientSampleId :

RT-3860

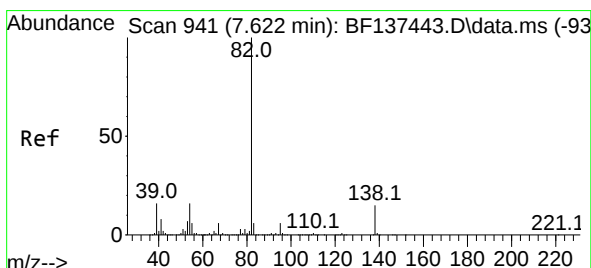
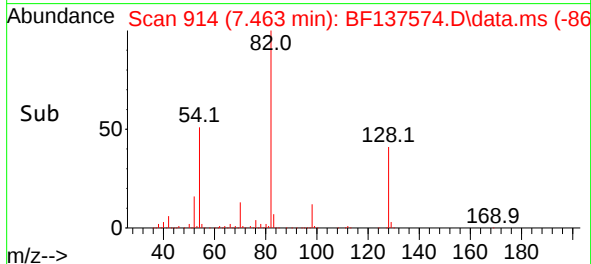
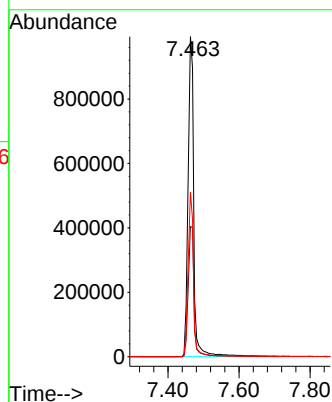
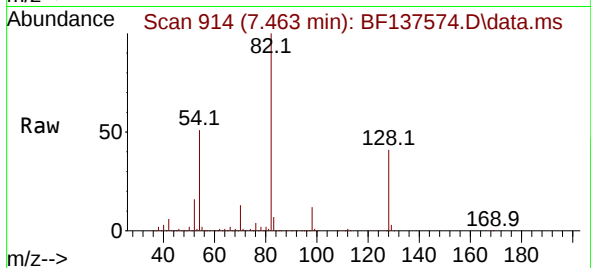
Tgt Ion: 82 Resp: 1092252

Ion Ratio Lower Upper

82 100

128 40.6 32.5 48.7

54 51.4 41.5 62.3



#25

Isophorone

Concen: 31.879 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.259 min

Lab File: BF137574.D

Acq: 13 Mar 2024 13:42

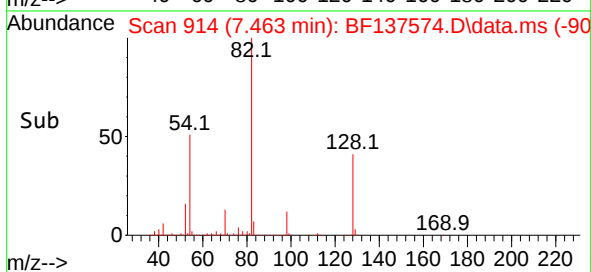
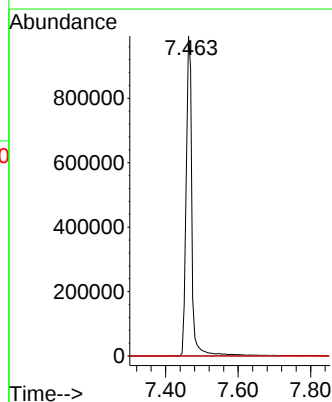
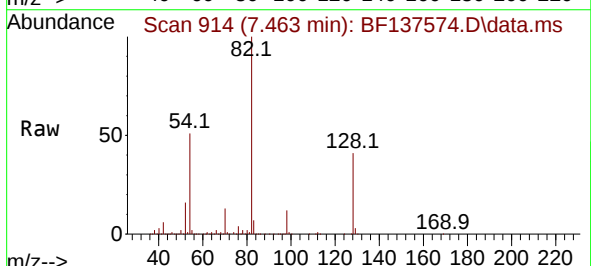
Tgt Ion: 82 Resp: 1092247

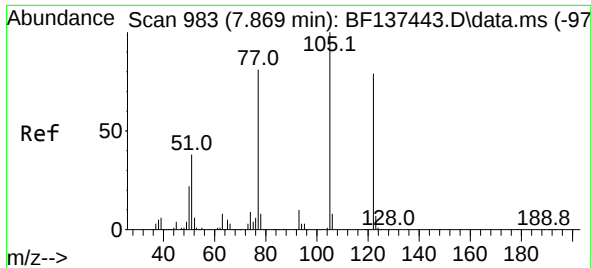
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

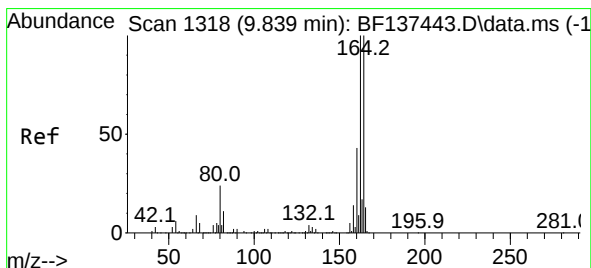
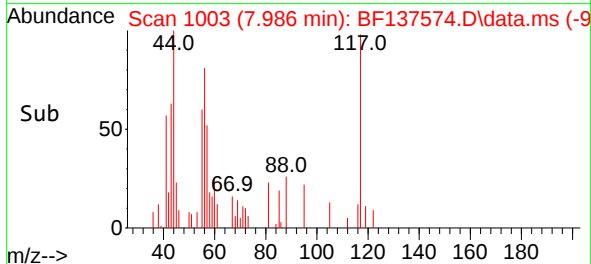
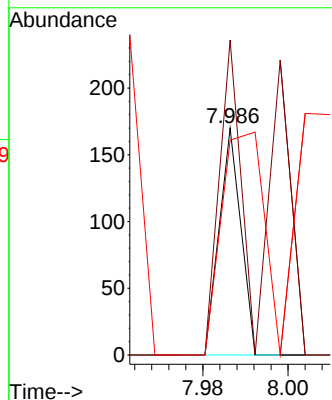
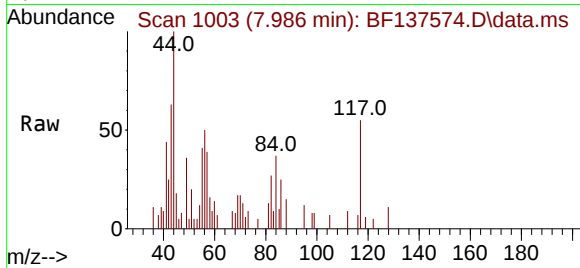




#32
Benzoic acid
Concen: 6.305 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.006 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

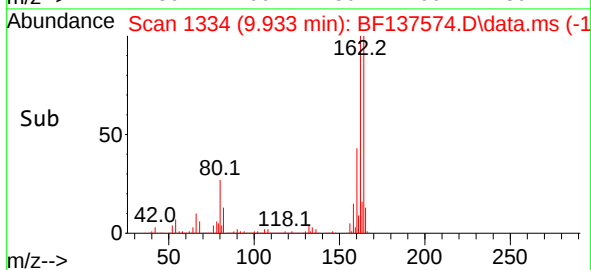
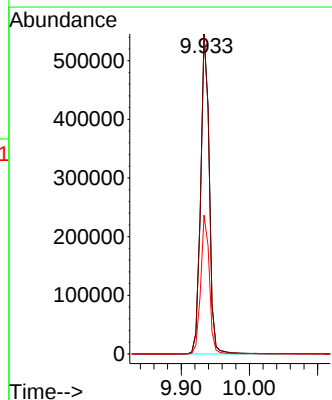
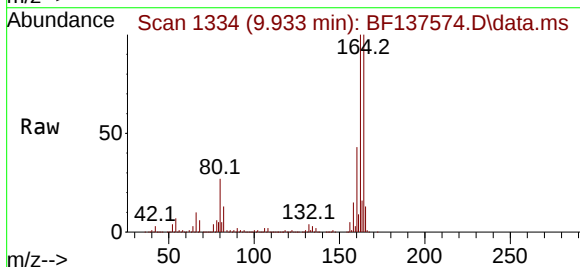
Instrument :
BNA_F
ClientSampleId :
RT-3860

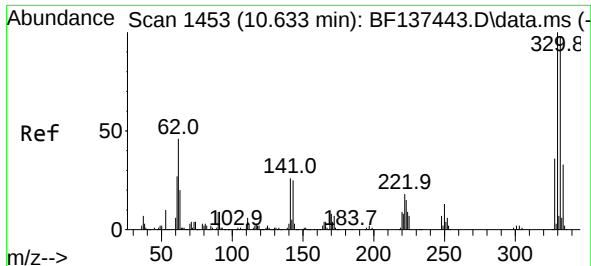
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 138.8 102.4 142.4
77 94.7 81.1 121.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

Tgt Ion:164 Resp: 478637
Ion Ratio Lower Upper
164 100
162 99.7 79.8 119.8
160 43.3 34.4 51.6

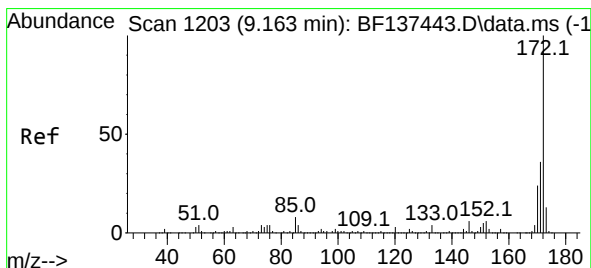
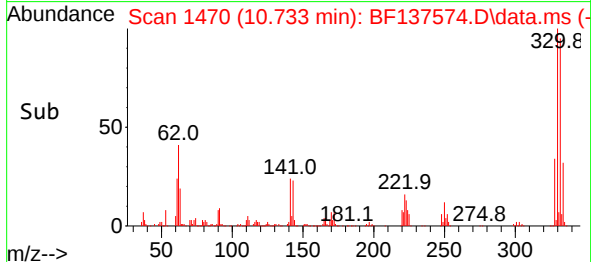
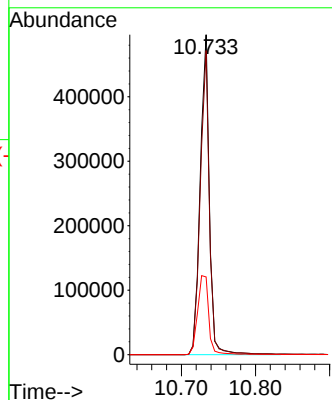
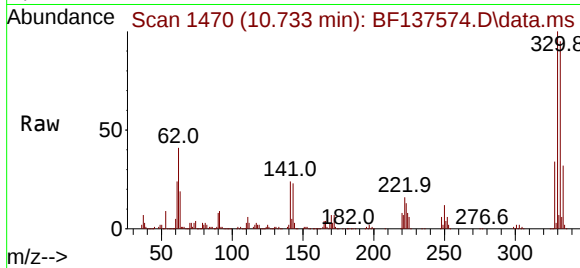




#42
2,4,6-Tribromophenol
Concen: 100.912 ng
RT: 10.733 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

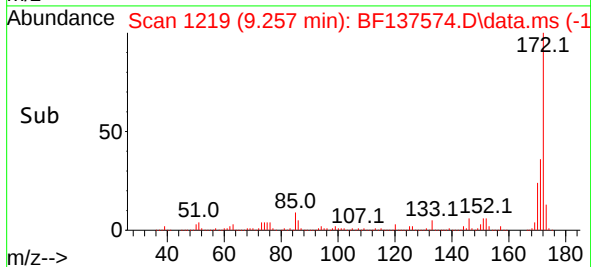
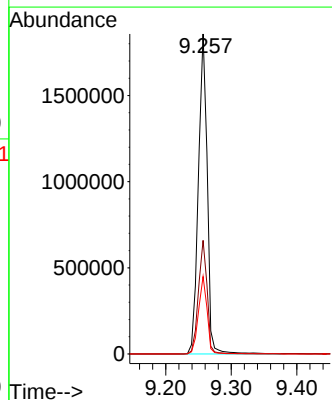
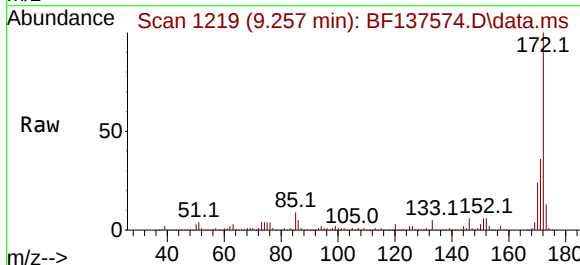
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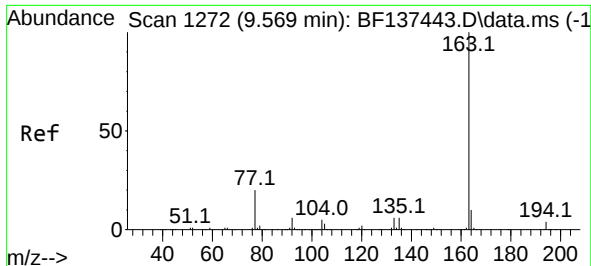
Tgt Ion:330 Resp: 424159
Ion Ratio Lower Upper
330 100
332 95.2 78.0 117.0
141 30.3 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 57.277 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

Tgt Ion:172 Resp: 1751352
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.2 19.0 28.6

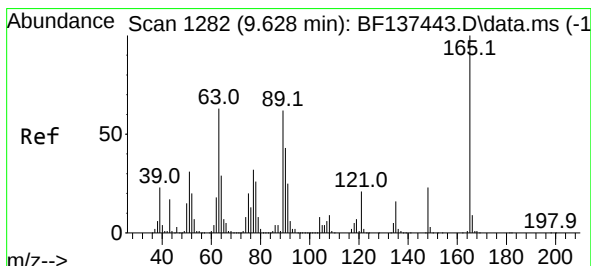
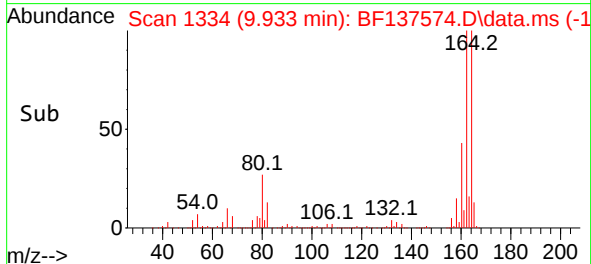
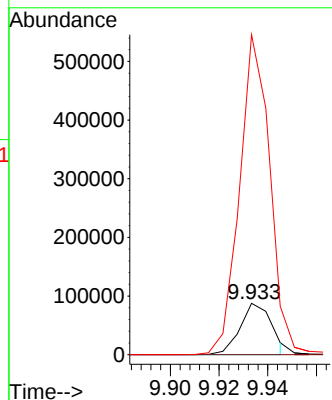
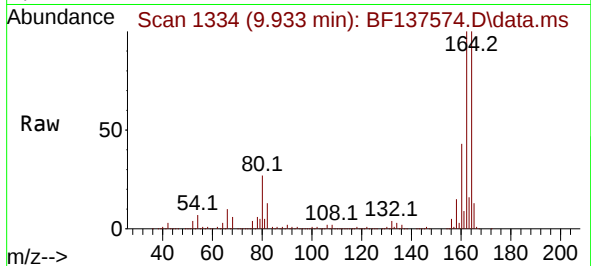




#50
Dimethylphthalate
Concen: 2.362 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.265 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

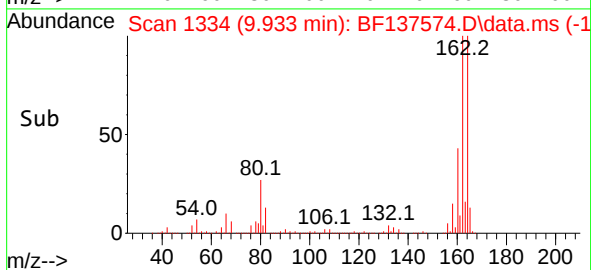
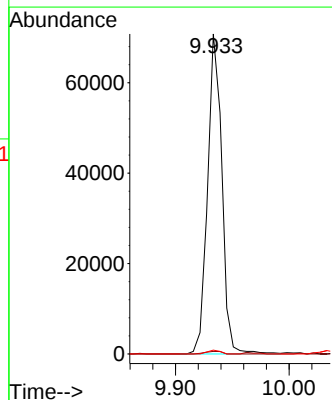
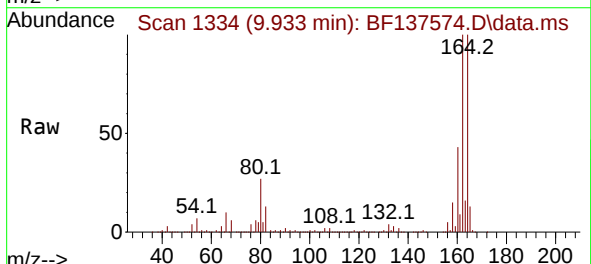
Instrument :
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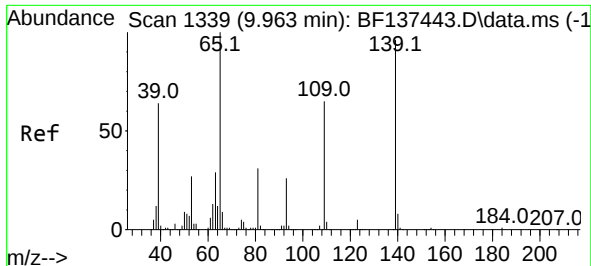
Tgt Ion:163 Resp: 78715
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 623.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.860 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.206 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

Tgt Ion:165 Resp: 61744
Ion Ratio Lower Upper
165 100
63 0.8 50.7 76.1#
89 1.2 50.0 75.0#

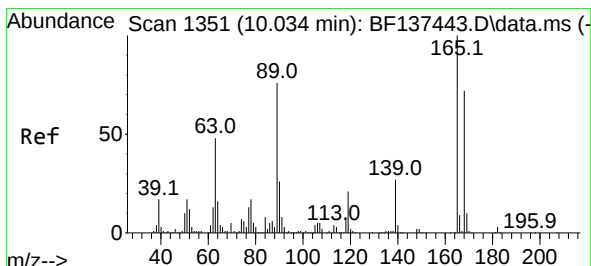
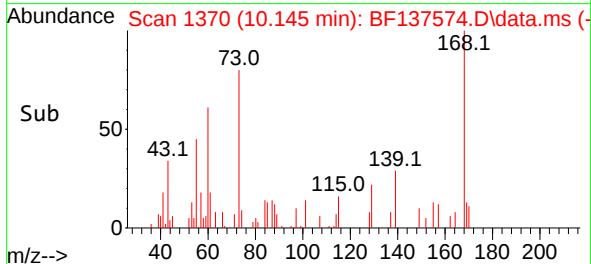
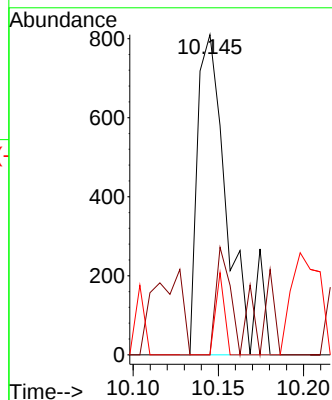
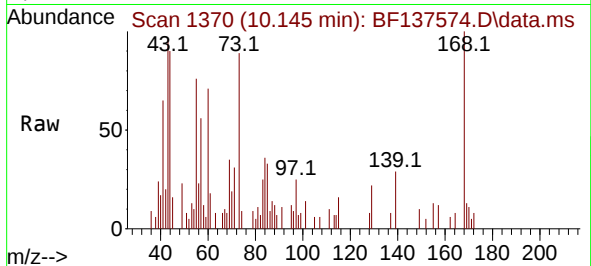




#56
4-Nitrophenol
Concen: 4.708 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

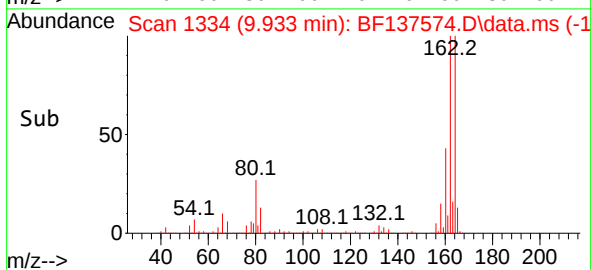
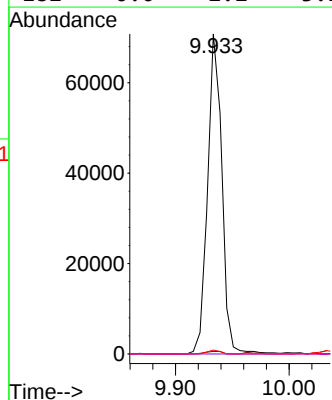
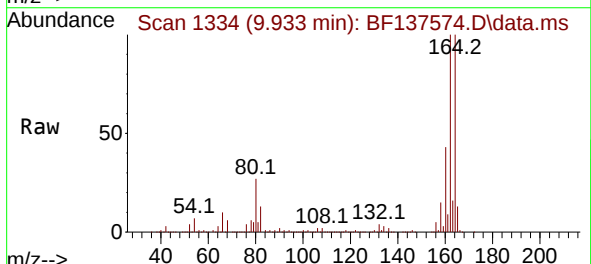
Instrument :
BNA_F
ClientSampleId :
RT-3860

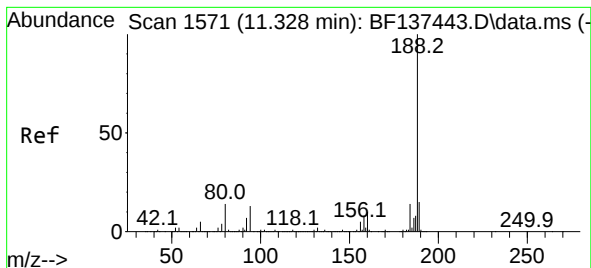
Tgt Ion:139 Resp: 1007
Ion Ratio Lower Upper
139 100
109 0.0 47.1 87.1#
65 0.0 85.1 125.1#



#57
2,4-Dinitrotoluene
Concen: 7.212 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.200 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

Tgt Ion:165 Resp: 61744
Ion Ratio Lower Upper
165 100
63 0.8 39.0 58.6#
89 1.2 60.9 91.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137574.D

Acq: 13 Mar 2024 13:42

Instrument :

BNA_F

ClientSampleId :

RT-3860

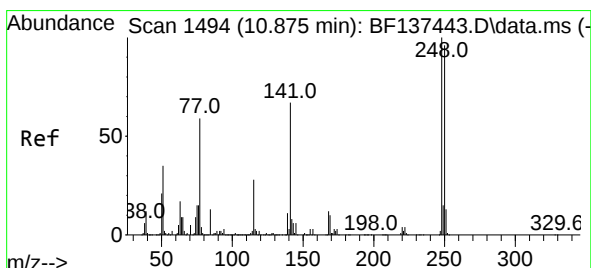
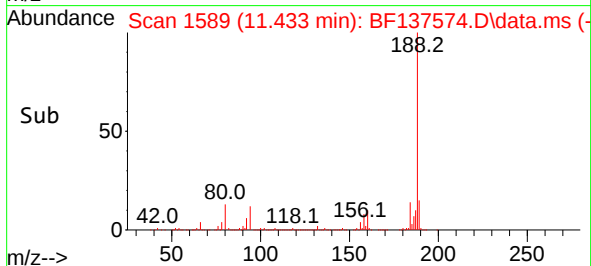
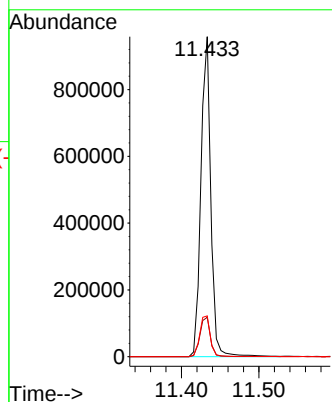
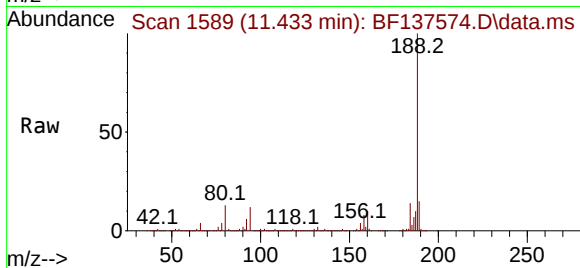
Tgt Ion:188 Resp: 846299

Ion Ratio Lower Upper

188 100

94 12.3 10.6 15.8

80 12.7 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 3.027 ng

RT: 10.733 min Scan# 1470

Delta R.T. -0.241 min

Lab File: BF137574.D

Acq: 13 Mar 2024 13:42

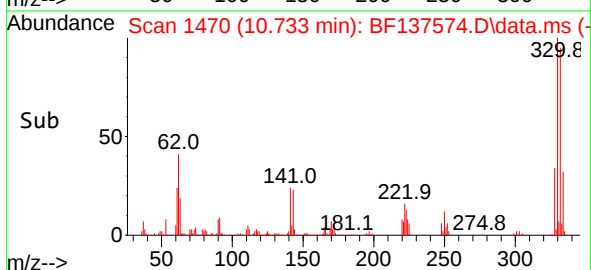
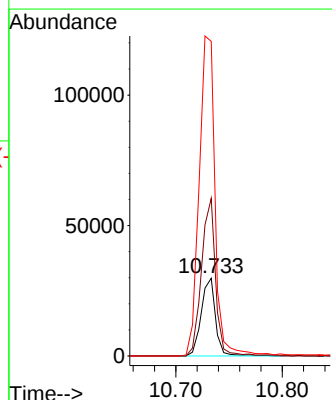
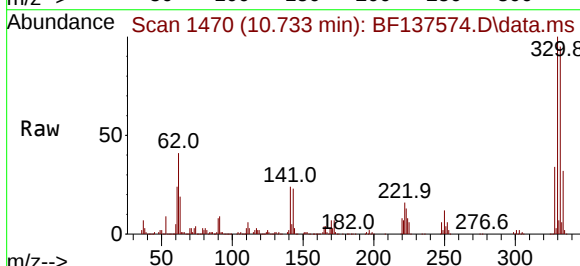
Tgt Ion:248 Resp: 27898

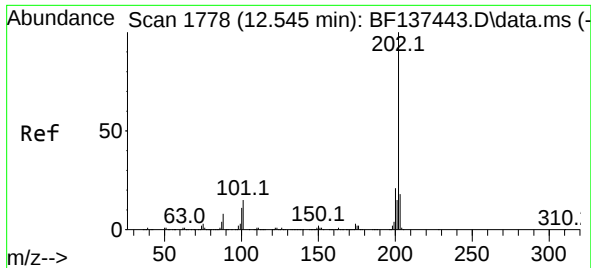
Ion Ratio Lower Upper

248 100

250 202.7 76.8 115.2#

141 404.5 53.4 80.0#

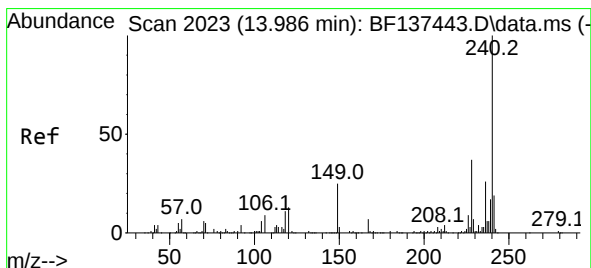
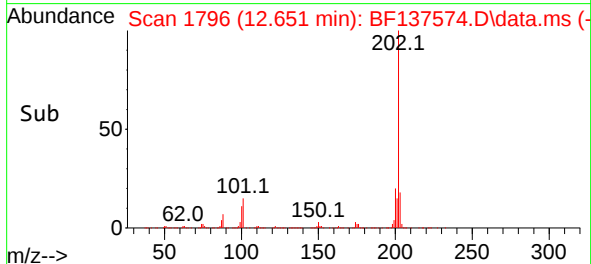
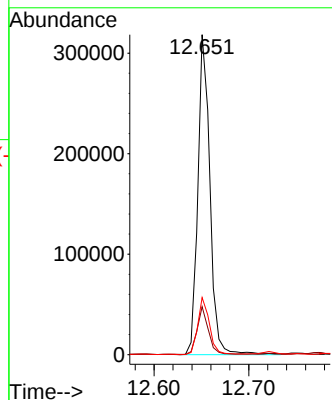
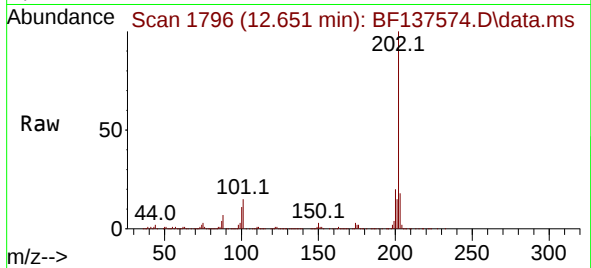




#75
Fluoranthene
Concen: 6.288 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

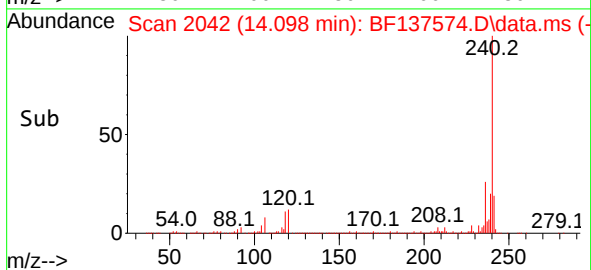
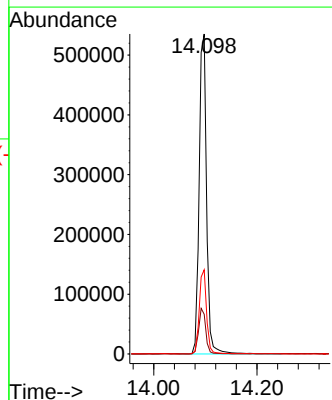
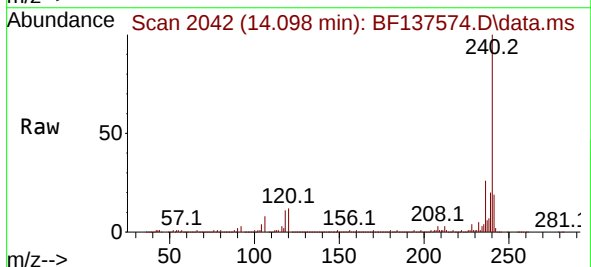
Instrument :
BNA_F
ClientSampleId :
RT-3860

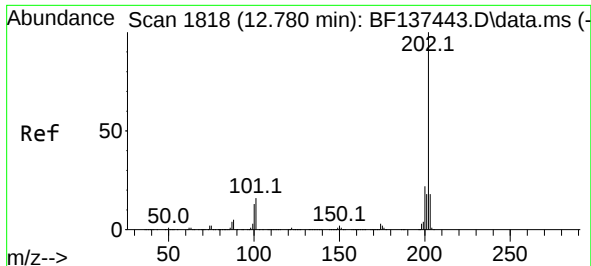
Tgt Ion:202 Resp: 283066
Ion Ratio Lower Upper
202 100
101 15.0 0.0 35.0
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

Tgt Ion:240 Resp: 533934
Ion Ratio Lower Upper
240 100
120 12.4 10.4 15.6
236 26.3 20.9 31.3

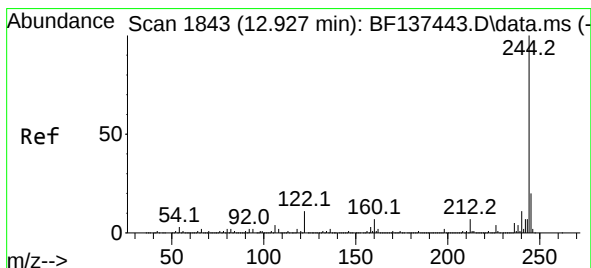
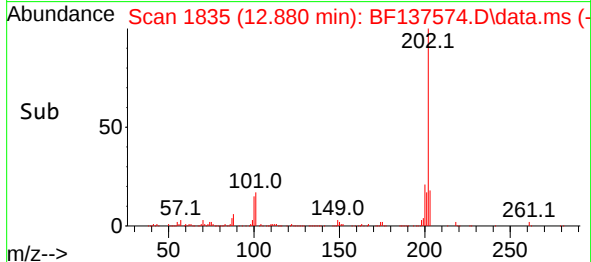
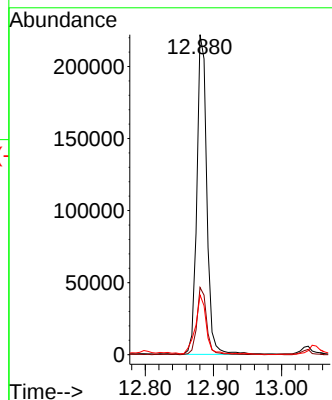
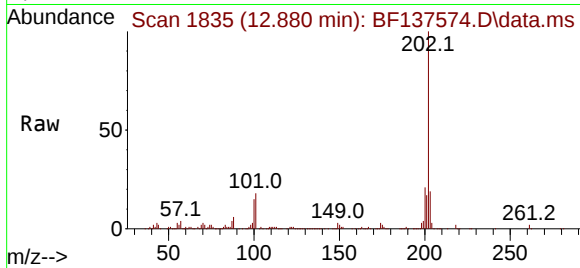




#78
Pyrene
Concen: 4.292 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

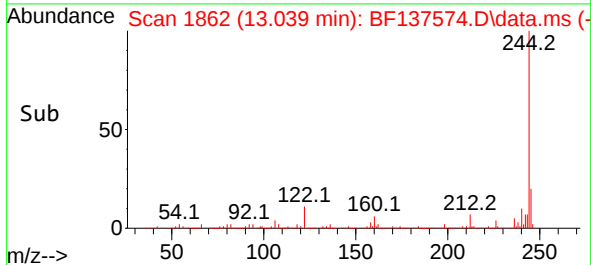
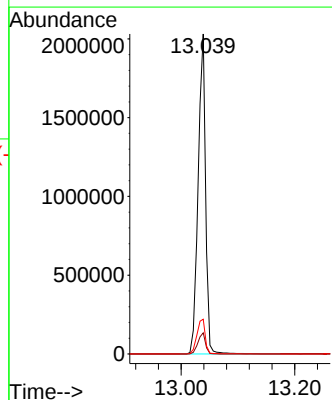
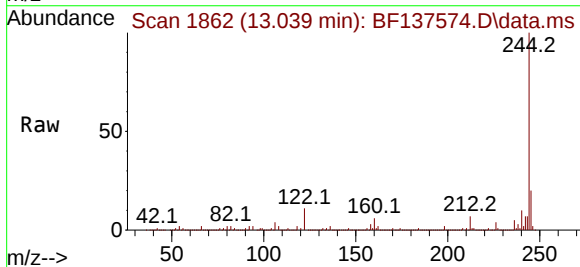
Instrument :
BNA_F
ClientSampleId :
RT-3860

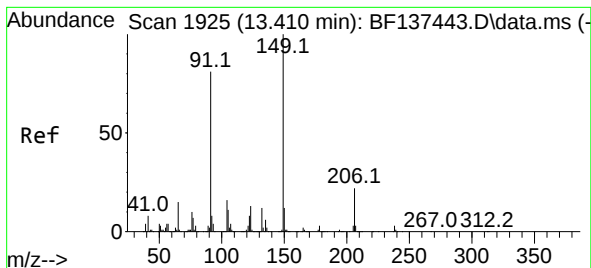
Tgt Ion:202 Resp: 224883
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 18.7 14.1 21.1



#79
Terphenyl-d14
Concen: 48.020 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.000 min
Lab File: BF137574.D
Acq: 13 Mar 2024 13:42

Tgt Ion:244 Resp: 1864538
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 10.8 9.1 13.7





#80

Butylbenzylphthalate

Concen: 217.892 ng

RT: 13.351 min Scan# 1915

Delta R.T. -0.171 min

Lab File: BF137574.D

Acq: 13 Mar 2024 13:42

Instrument :

BNA_F

ClientSampleId :

RT-3860

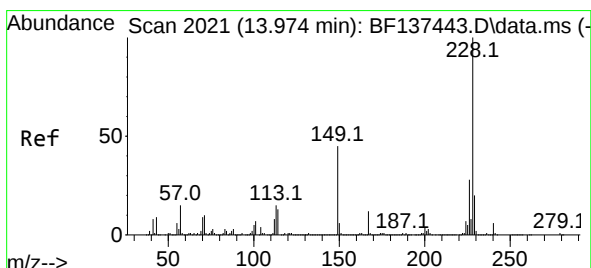
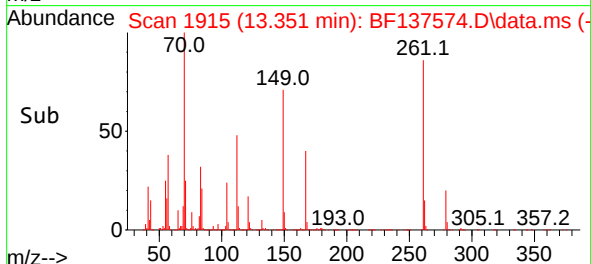
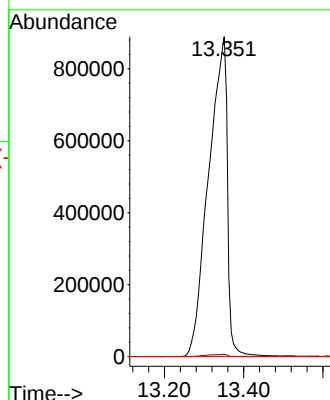
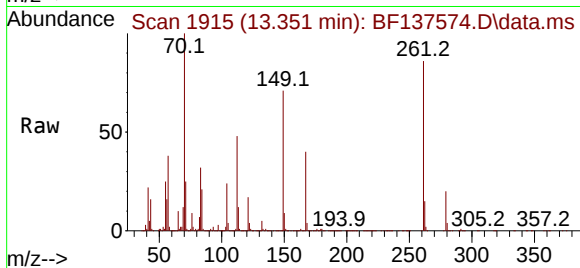
Tgt Ion:149 Resp: 2915383

Ion Ratio Lower Upper

149 100

91 0.7 64.7 97.1#

206 0.1 17.5 26.3#



#81

Benzo(a)anthracene

Concen: 2.217 ng

RT: 14.086 min Scan# 2040

Delta R.T. -0.000 min

Lab File: BF137574.D

Acq: 13 Mar 2024 13:42

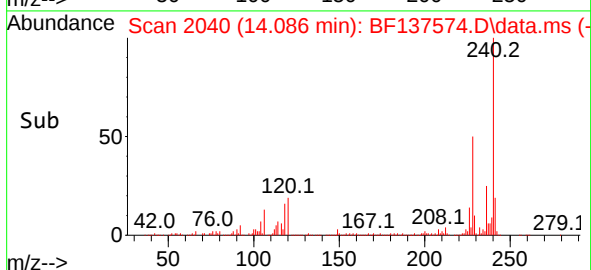
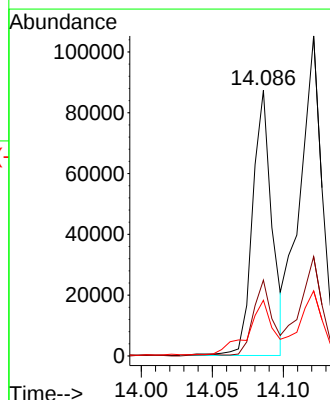
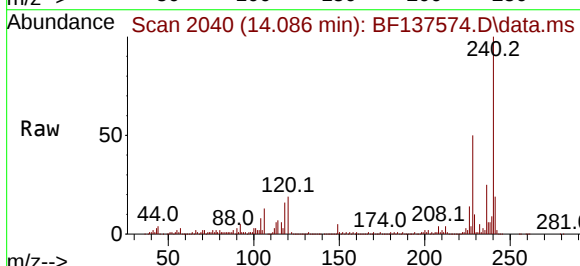
Tgt Ion:228 Resp: 82949

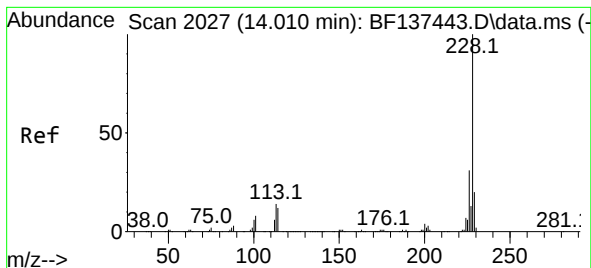
Ion Ratio Lower Upper

228 100

226 28.5 22.3 33.5

229 21.0 16.3 24.5





#83

Chrysene

Concen: 3.130 ng

RT: 14.121 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF137574.D

Acq: 13 Mar 2024 13:42

Instrument :

BNA_F

ClientSampleId :

RT-3860

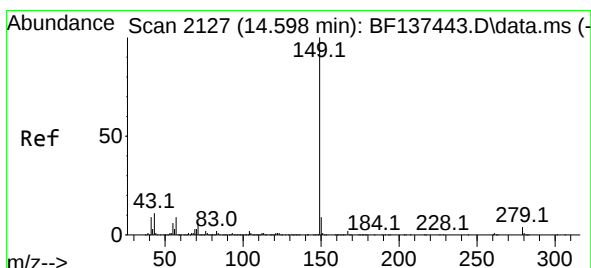
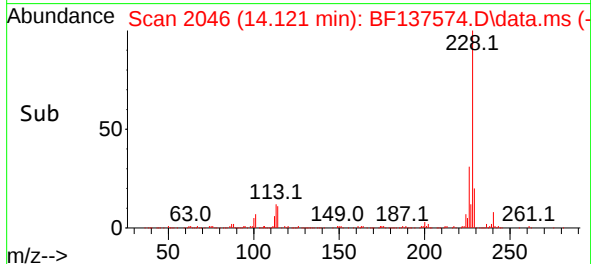
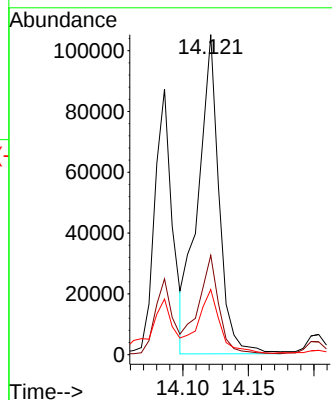
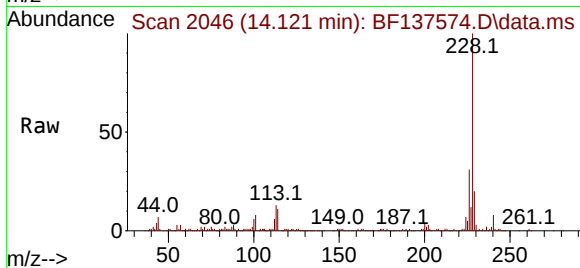
Tgt Ion:228 Resp: 118376

Ion Ratio Lower Upper

228 100

226 31.1 24.7 37.1

229 20.4 15.9 23.9



#85

Di-n-octyl phthalate

Concen: 5.623 ng

RT: 14.715 min Scan# 2147

Delta R.T. -0.000 min

Lab File: BF137574.D

Acq: 13 Mar 2024 13:42

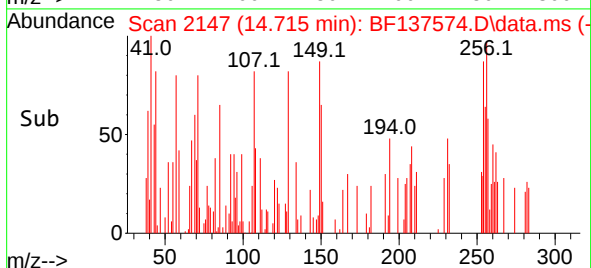
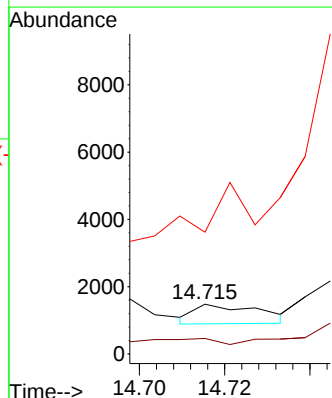
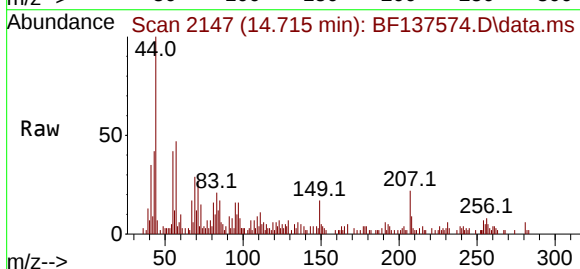
Tgt Ion:149 Resp: 609

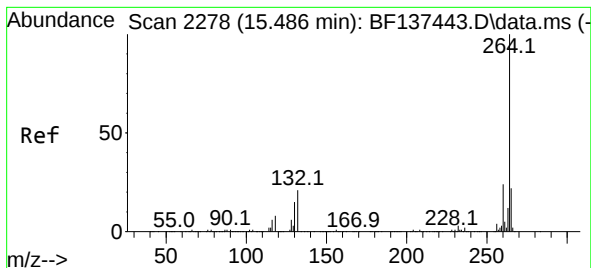
Ion Ratio Lower Upper

149 100

167 62.7 1.2 1.8#

43 0.0 9.6 14.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137574.D

Acq: 13 Mar 2024 13:42

Instrument :

BNA_F

ClientSampleId :

RT-3860

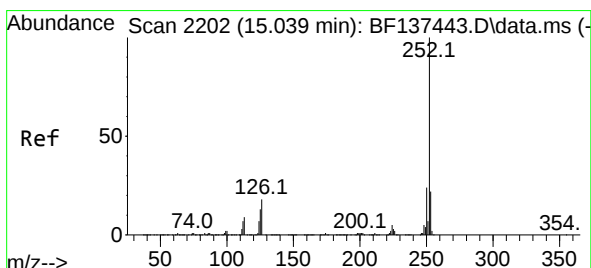
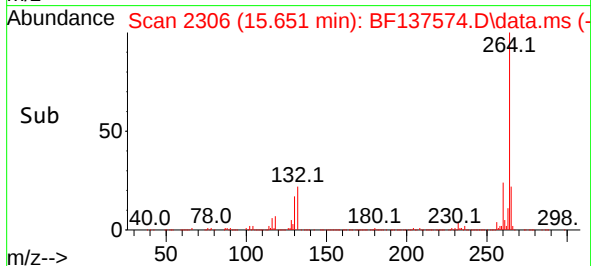
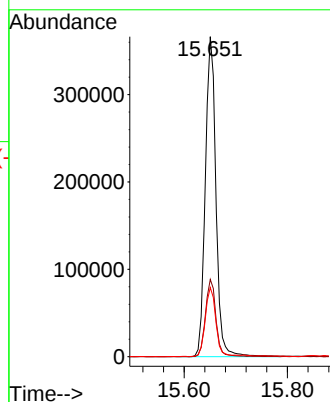
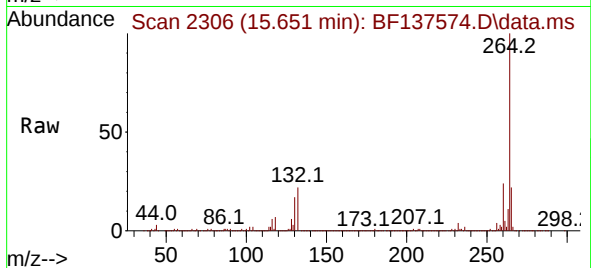
Tgt Ion:264 Resp: 522993

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 21.6 17.4 26.0



#88

Benzo(b)fluoranthene

Concen: 5.756 ng

RT: 15.186 min Scan# 2227

Delta R.T. -0.000 min

Lab File: BF137574.D

Acq: 13 Mar 2024 13:42

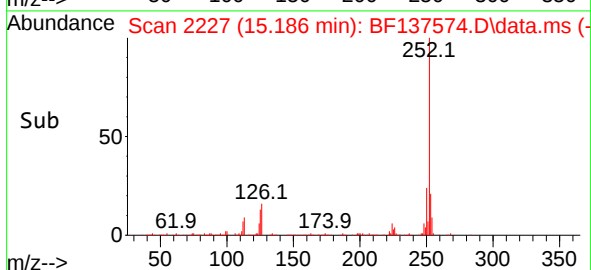
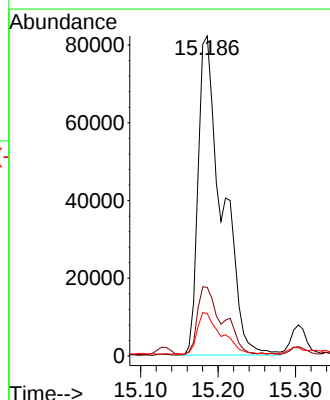
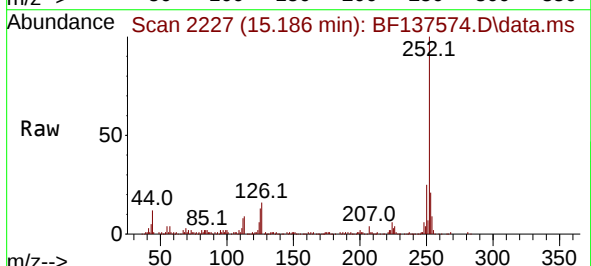
Tgt Ion:252 Resp: 178081

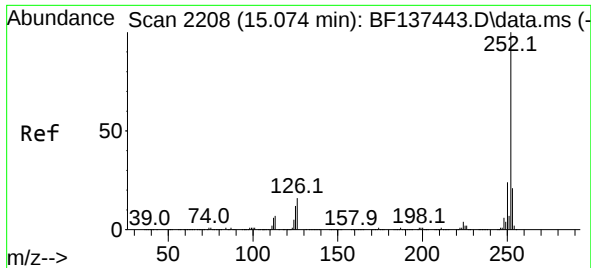
Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

125 13.3 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 5.359 ng

RT: 15.186 min Scan# 21

Delta R.T. -0.030 min

Lab File: BF137574.D

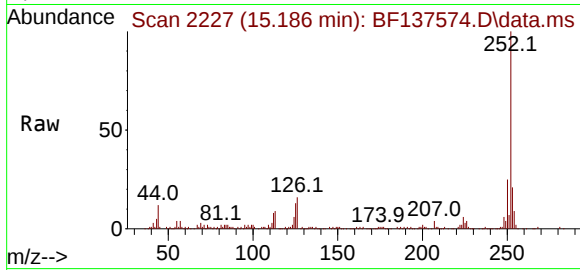
Acq: 13 Mar 2024 13:42

Instrument :

BNA_F

ClientSampleId :

RT-3860



Tgt Ion:252 Resp: 178081

Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 13.3 9.6 14.4

