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 Data File : BF139098.D
 Acq On : 21 Aug 2024 13:21
 Operator : RC/JU
 Sample : P3660-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-906-J-0-0.5-081624

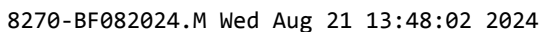
Quant Time: Aug 21 13:46:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

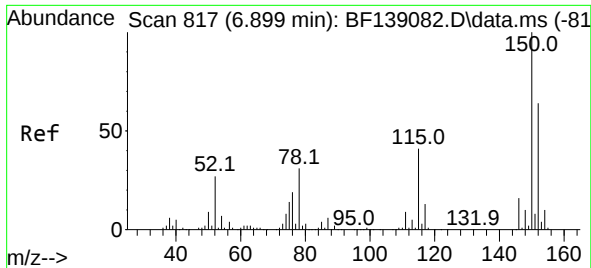
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	96486	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	365290	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	205405	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	315424	20.000	ng	0.00
76) Chrysene-d12	14.051	240	168459	20.000	ng	0.00
86) Perylene-d12	15.527	264	213064	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	472530	75.347	ng	0.00
7) Phenol-d6	6.516	99	628256	77.530	ng	0.00
23) Nitrobenzene-d5	7.451	82	402784	64.251	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	137026	73.690	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	551608	42.608	ng	0.00
79) Terphenyl-d14	12.998	244	357505	35.214	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	55923	10.509	ng	# 82
25) Isophorone	7.451	82	402650	30.219	ng	# 69
32) Benzoic acid	7.839	122	195	8.393	ng	# 87
48) 2-Nitroaniline	9.380	65	176	5.704	ng	# 11
51) 2,6-Dinitrotoluene	9.928	165	26030	13.788	ng	# 17
53) 3-Nitroaniline	10.022	138	246	4.262	ng	# 1
57) 2,4-Dinitrotoluene	9.928	165	26030	12.765	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.716	198	346	6.802	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	9777	2.925	ng	# 1
71) Phenanthrene	11.439	178	39774	2.481	ng	99
75) Fluoranthene	12.627	202	80535	4.706	ng	98
78) Pyrene	12.851	202	64568	4.593	ng	97
81) Benzo(a)anthracene	14.039	228	29850	2.696	ng	97
83) Chrysene	14.074	228	32071	3.195	ng	97
84) Bis(2-ethylhexyl)phtha...	14.039	149	20549	3.187	ng	98
88) Benzo(b)fluoranthene	15.098	252	69292	4.988	ng	99
89) Benzo(k)fluoranthene	15.098	252	69292	5.989	ng	99
90) Benzo(a)pyrene	15.462	252	32936	3.001	ng	97
92) Benzo(g,h,i)perylene	17.445	276	19534	4.367	ng	98

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

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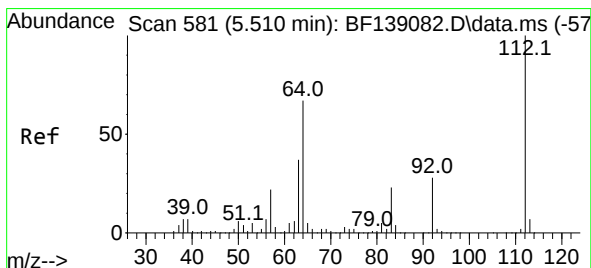
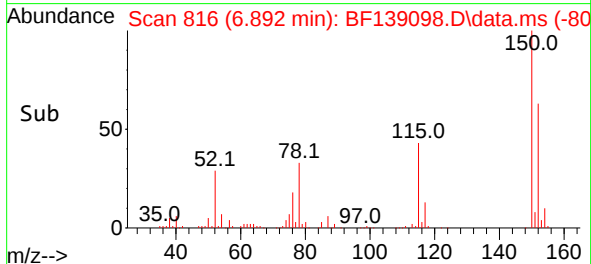
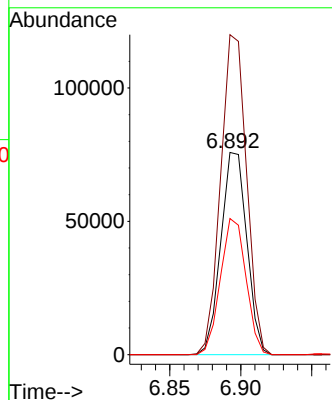
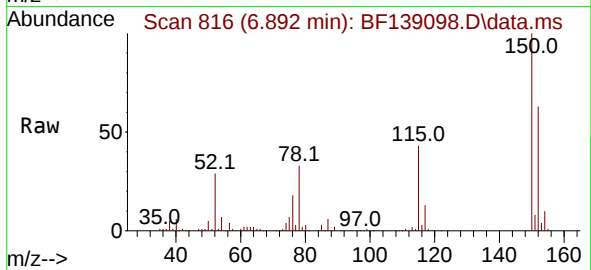




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.007 min
Lab File: BF139098.D
Acq: 21 Aug 2024 13:21

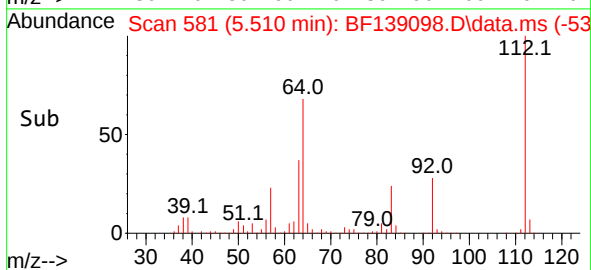
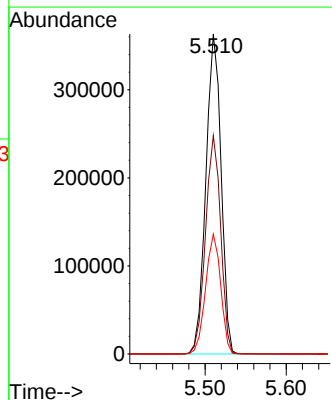
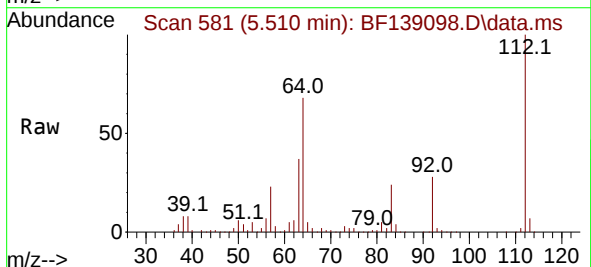
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S-906-J-0-0.5-081624

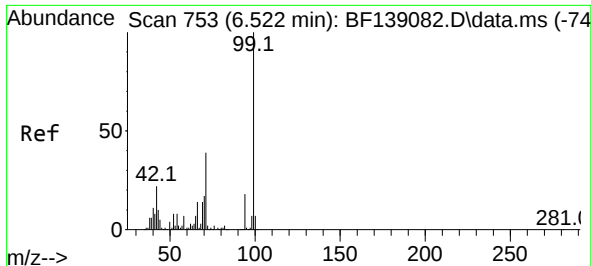
Tgt Ion:152 Resp: 96486
Ion Ratio Lower Upper
152 100
150 158.2 125.1 187.7
115 67.3 51.8 77.6



#5
2-Fluorophenol
Concen: 75.347 ng
RT: 5.510 min Scan# 581
Delta R.T. -0.000 min
Lab File: BF139098.D
Acq: 21 Aug 2024 13:21

Tgt Ion:112 Resp: 472530
Ion Ratio Lower Upper
112 100
64 68.2 53.8 80.6
63 37.5 29.4 44.2

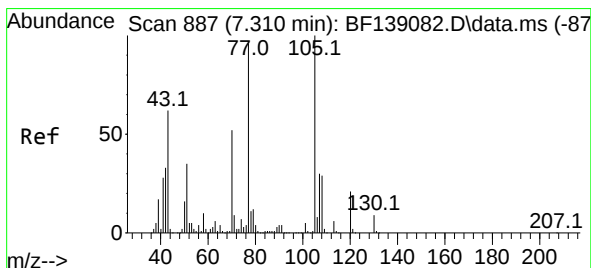
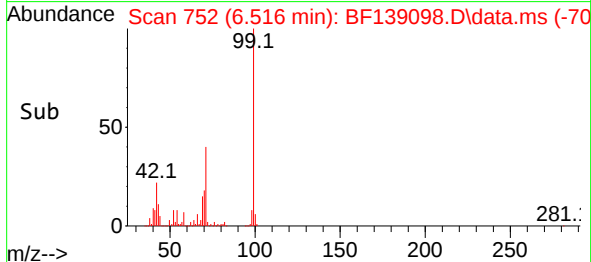
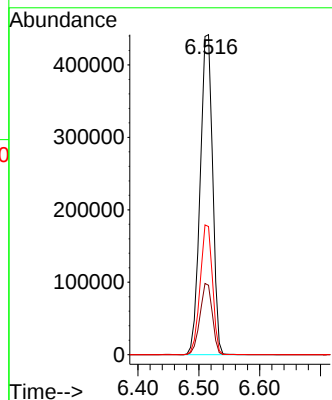
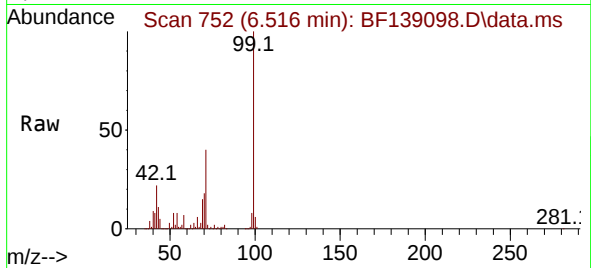




#7
Phenol-d6
Concen: 77.530 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139098.D
Acq: 21 Aug 2024 13:21

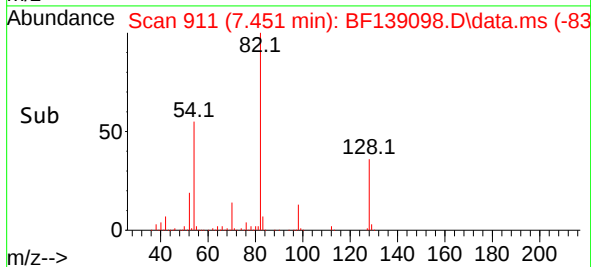
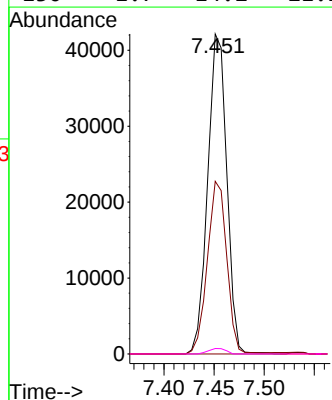
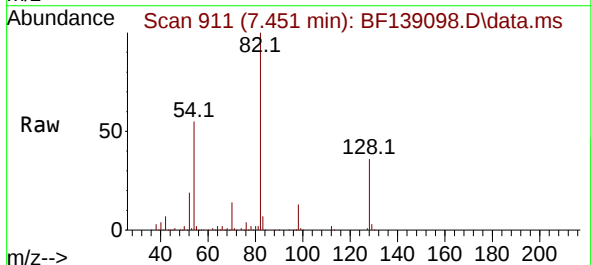
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624

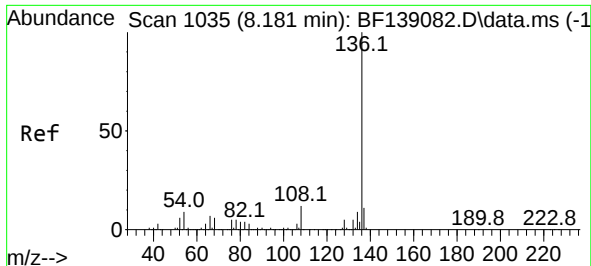
Tgt Ion: 99 Resp: 628256
Ion Ratio Lower Upper
99 100
42 21.7 17.4 26.2
71 40.1 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.509 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF139098.D
Acq: 21 Aug 2024 13:21

Tgt Ion: 70 Resp: 55923
Ion Ratio Lower Upper
70 100
42 54.0 50.5 75.7
101 0.0 7.2 10.8#
130 1.7 14.2 21.2#

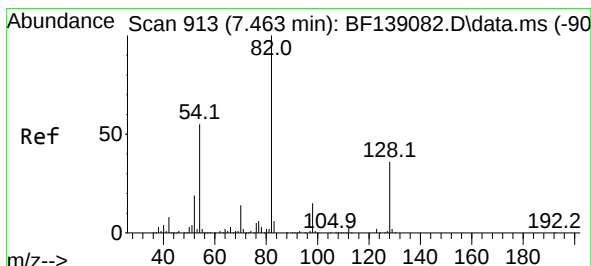
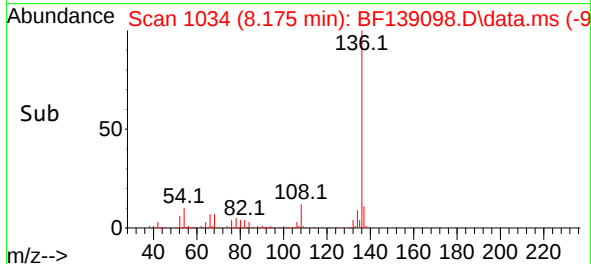
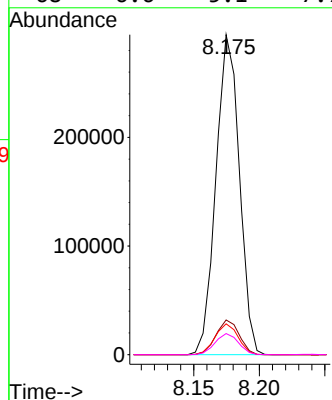
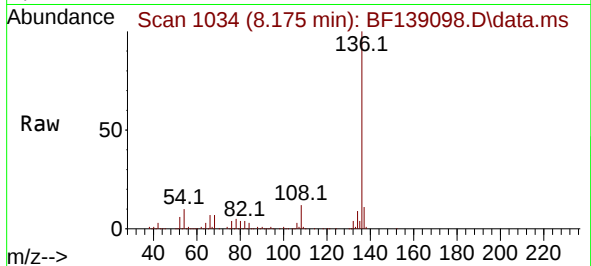




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139098.D
Acq: 21 Aug 2024 13:21

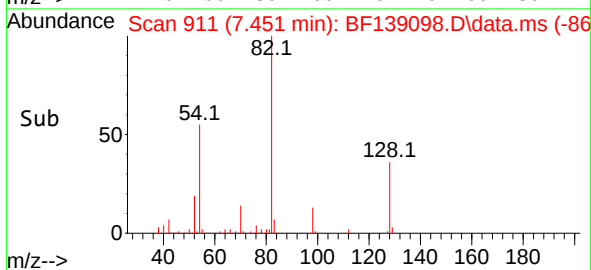
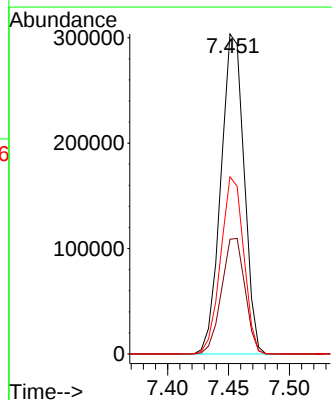
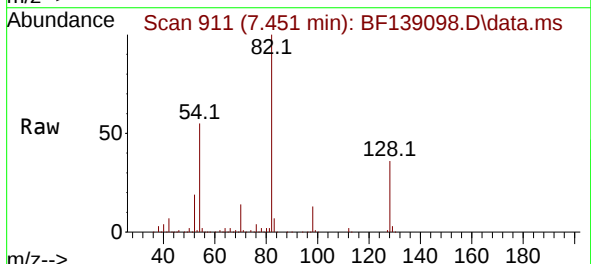
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624

Tgt Ion:	136	Resp:	365290
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.7	7.6	11.4
68	6.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 64.251 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF139098.D
Acq: 21 Aug 2024 13:21

Tgt Ion:	82	Resp:	402784
Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.0	43.4
54	55.4	43.4	65.2

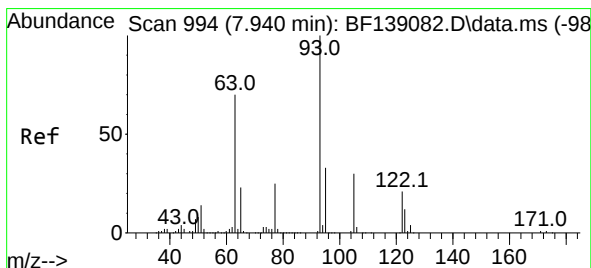
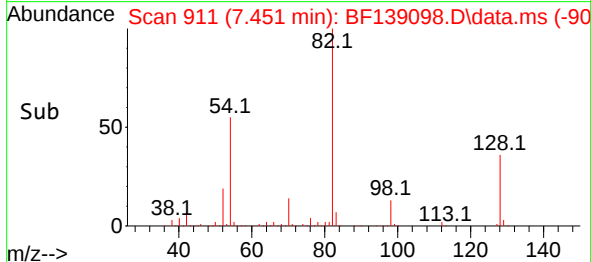
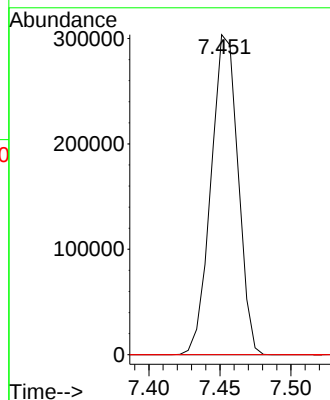
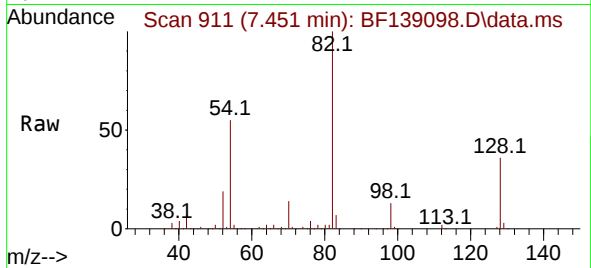




#25
Isophorone
Concen: 30.219 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF139098.D
Acq: 21 Aug 2024 13:21

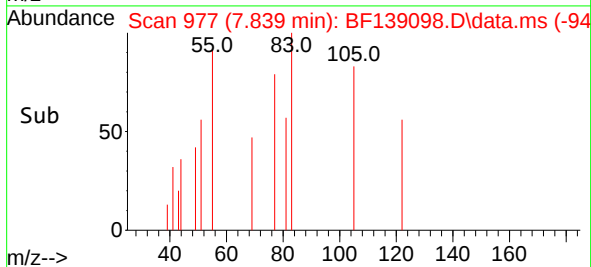
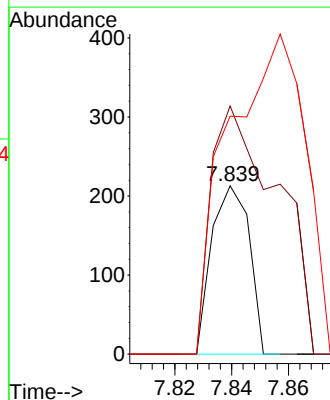
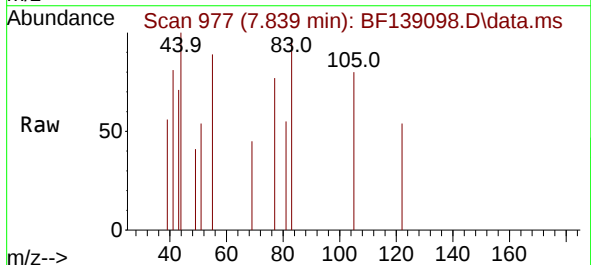
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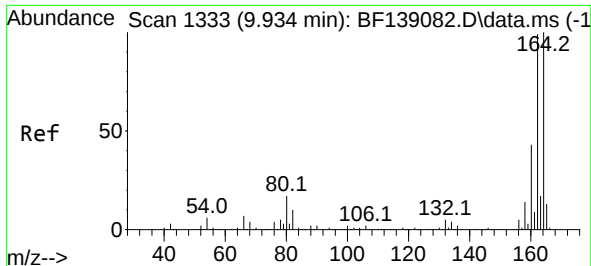
Tgt Ion: 82 Resp: 402650
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 8.393 ng
RT: 7.839 min Scan# 977
Delta R.T. -0.101 min
Lab File: BF139098.D
Acq: 21 Aug 2024 13:21

Tgt Ion:122 Resp: 195
Ion Ratio Lower Upper
122 100
105 147.4 119.6 159.6
77 141.3 97.6 137.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139098.D

Acq: 21 Aug 2024 13:21

Instrument :

BNA_F

ClientSampleId :

S-906-J-0-0.5-081624

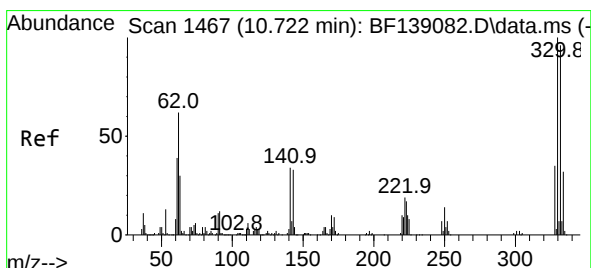
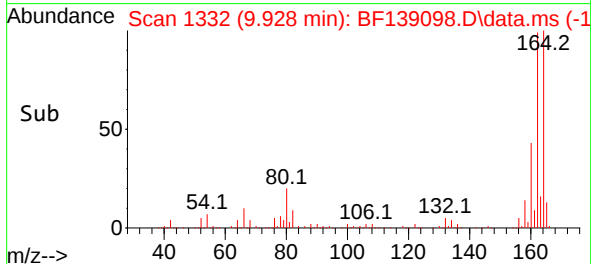
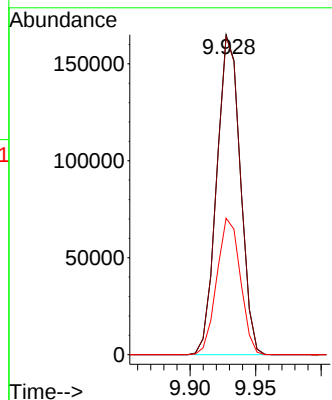
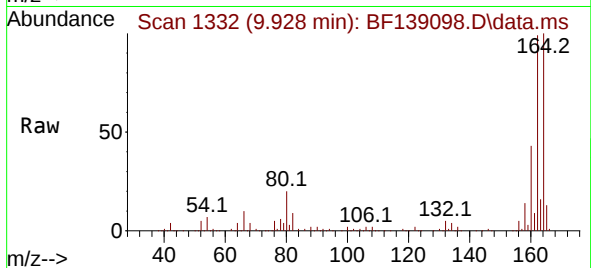
Tgt Ion:164 Resp: 205405

Ion Ratio Lower Upper

164 100

162 99.4 79.5 119.3

160 42.6 34.5 51.7



#42

2,4,6-Tribromophenol

Concen: 73.690 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139098.D

Acq: 21 Aug 2024 13:21

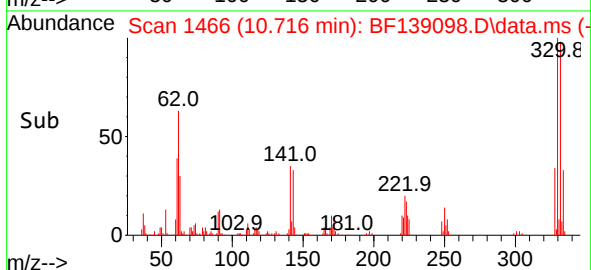
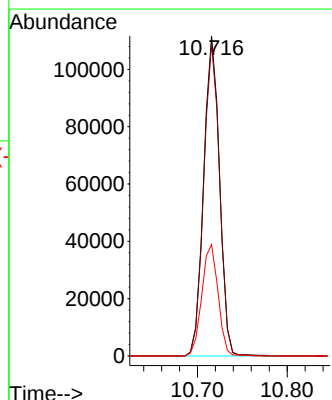
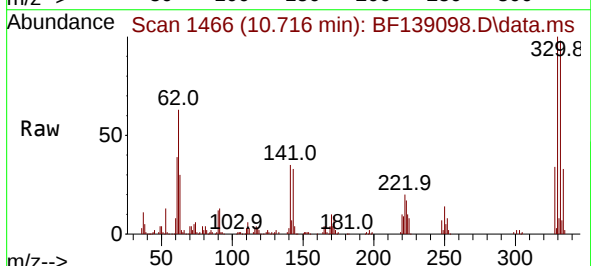
Tgt Ion:330 Resp: 137026

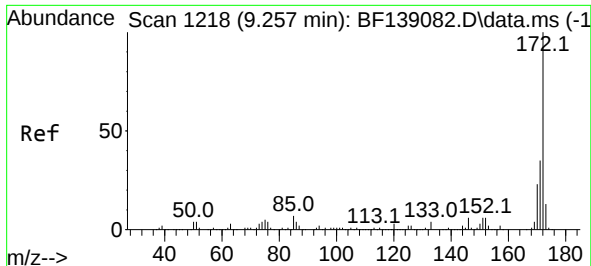
Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

141 35.6 27.5 41.3

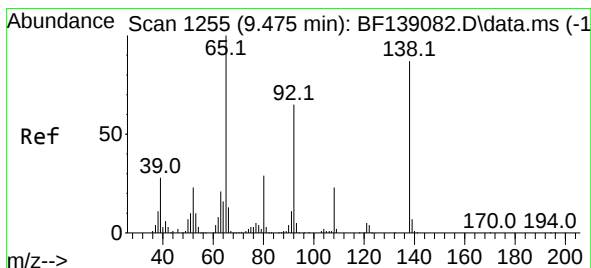
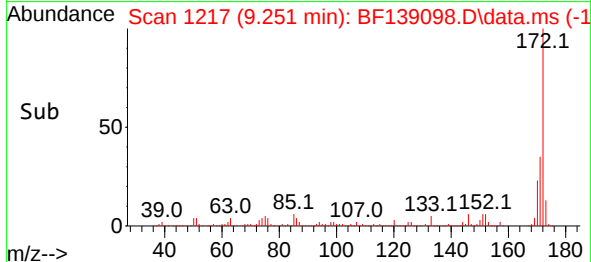
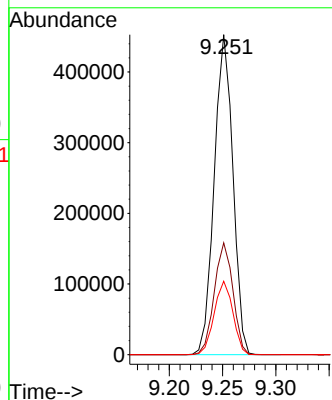
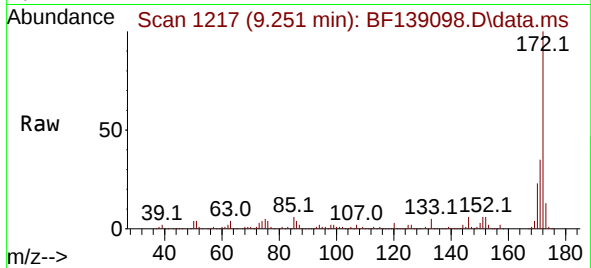




#45
2-Fluorobiphenyl
Concen: 42.608 ng
RT: 9.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139098.D
Acq: 21 Aug 2024 13:21

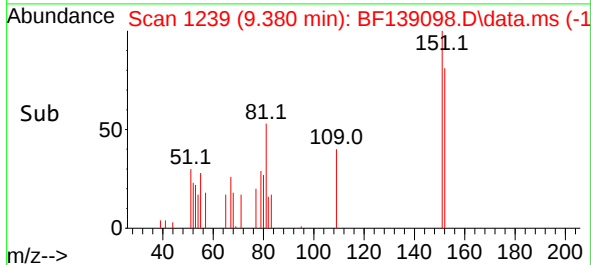
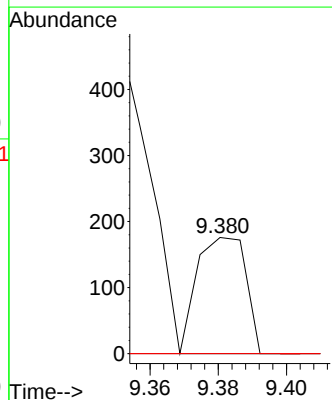
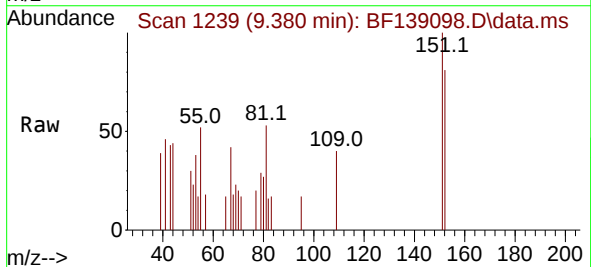
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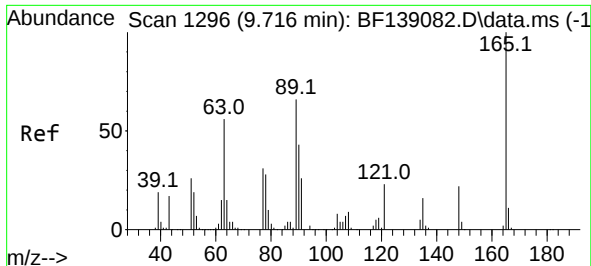
Tgt Ion:172 Resp: 551608
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.0 18.8 28.2



#48
2-Nitroaniline
Concen: 5.704 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.095 min
Lab File: BF139098.D
Acq: 21 Aug 2024 13:21

Tgt Ion: 65 Resp: 176
Ion Ratio Lower Upper
65 100
92 0.0 52.4 78.6#
138 0.0 69.4 104.0#





#51

2,6-Dinitrotoluene

Concen: 13.788 ng

RT: 9.928 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139098.D

Acq: 21 Aug 2024 13:21

Instrument :

BNA_F

ClientSampleId :

S-906-J-0-0.5-081624

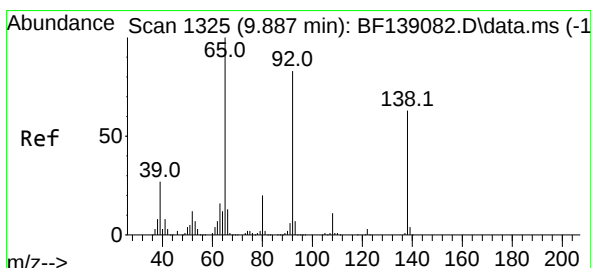
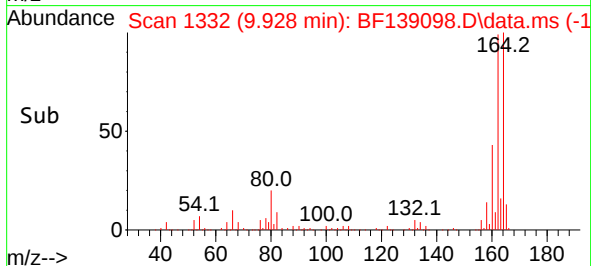
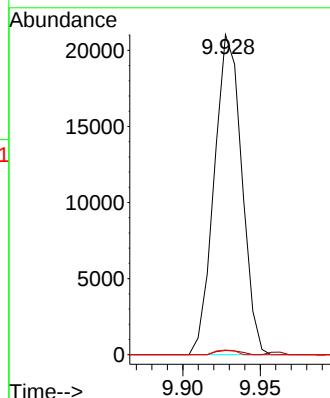
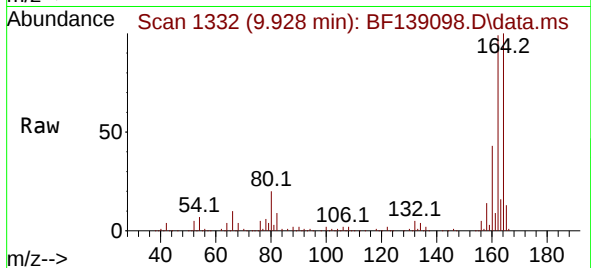
Tgt Ion:165 Resp: 26030

Ion Ratio Lower Upper

165 100

63 1.3 58.0 87.0#

89 1.4 53.3 79.9#



#53

3-Nitroaniline

Concen: 4.262 ng

RT: 10.022 min Scan# 1348

Delta R.T. 0.135 min

Lab File: BF139098.D

Acq: 21 Aug 2024 13:21

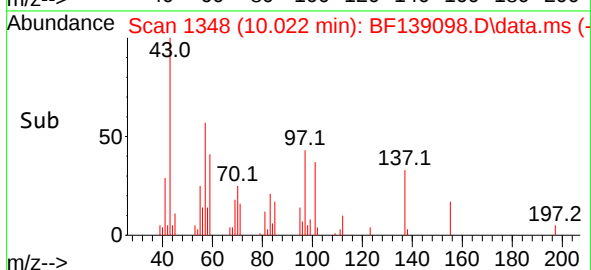
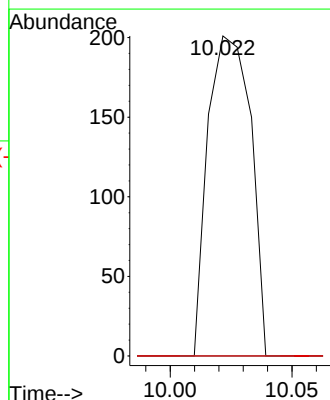
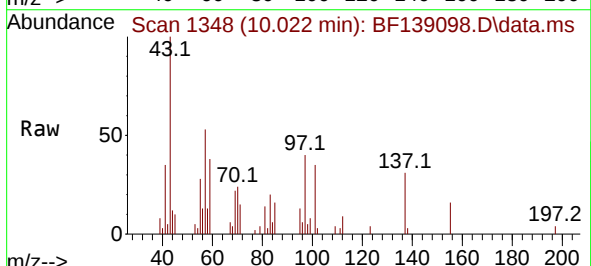
Tgt Ion:138 Resp: 246

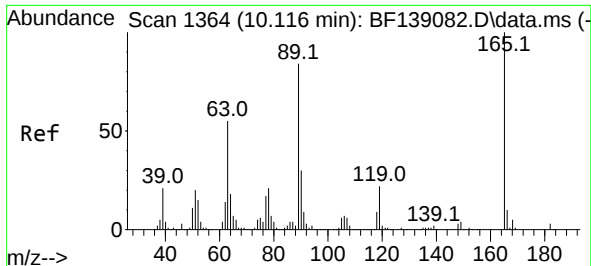
Ion Ratio Lower Upper

138 100

108 0.0 14.6 21.8#

92 0.0 105.9 158.9#

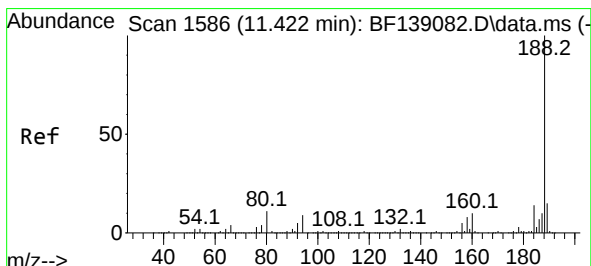
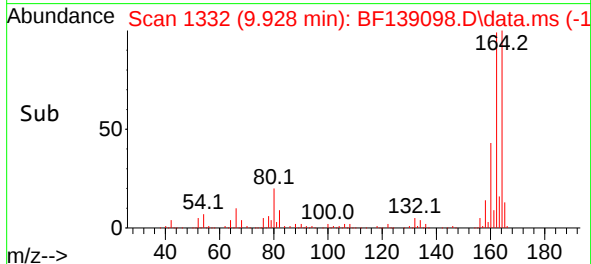
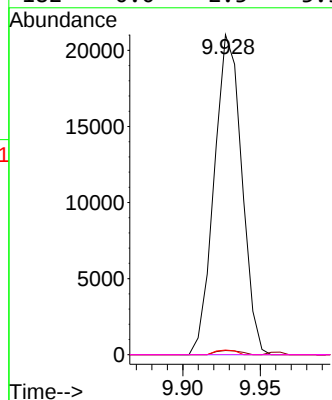
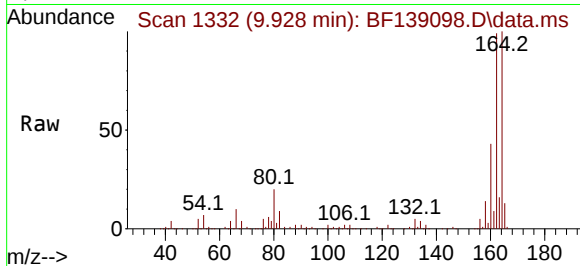




#57
2,4-Dinitrotoluene
Concen: 12.765 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF139098.D
Acq: 21 Aug 2024 13:21

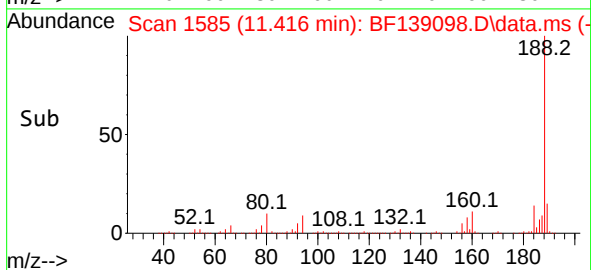
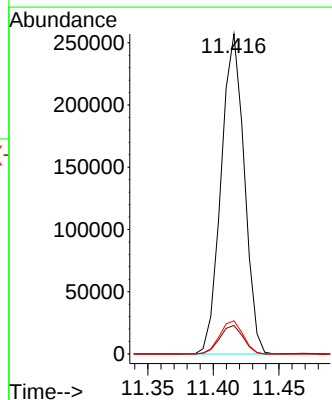
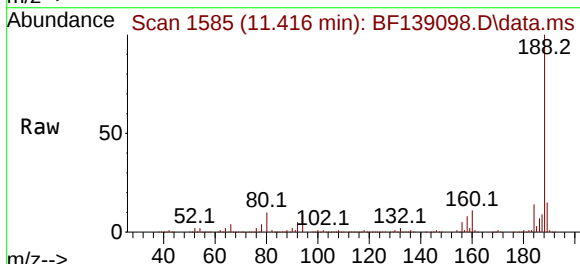
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624

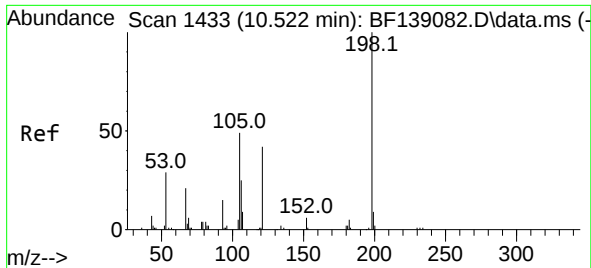
Tgt Ion:165 Resp: 26030
Ion Ratio Lower Upper
165 100
63 1.3 44.2 66.4#
89 1.4 67.4 101.2#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139098.D
Acq: 21 Aug 2024 13:21

Tgt Ion:188 Resp: 315424
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 10.4 8.5 12.7

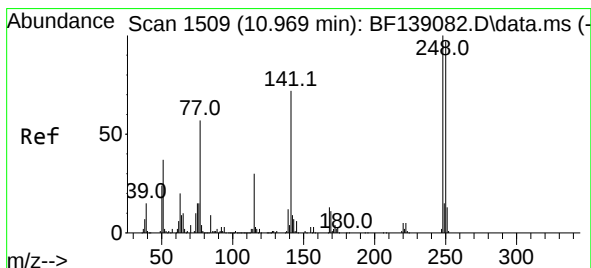
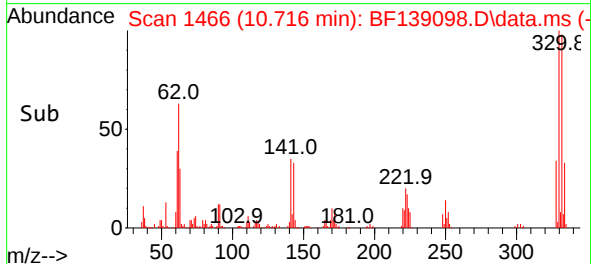
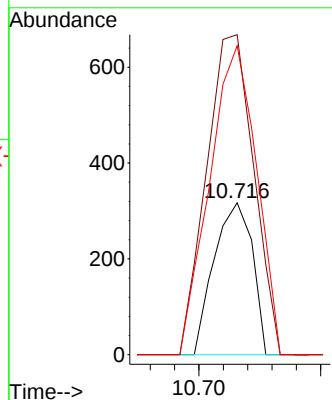
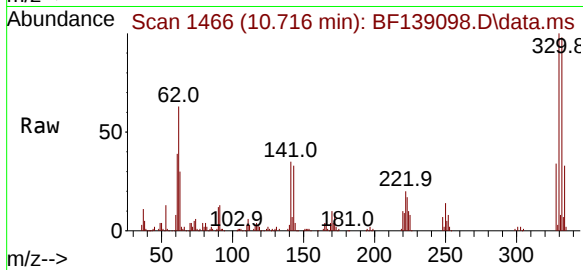




#65
4,6-Dinitro-2-methylphenol
Concen: 6.802 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF139098.D
Acq: 21 Aug 2024 13:21

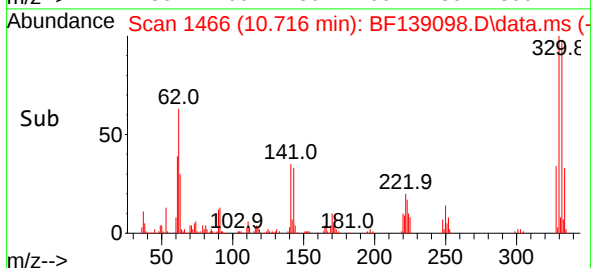
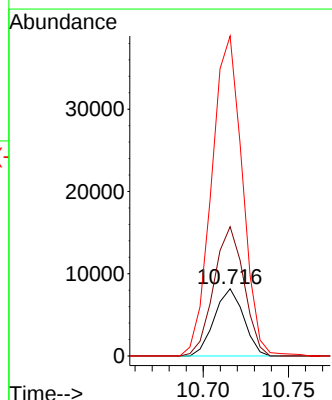
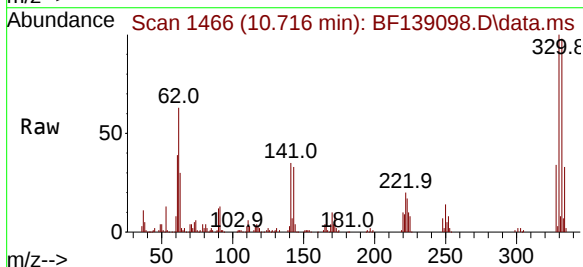
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624

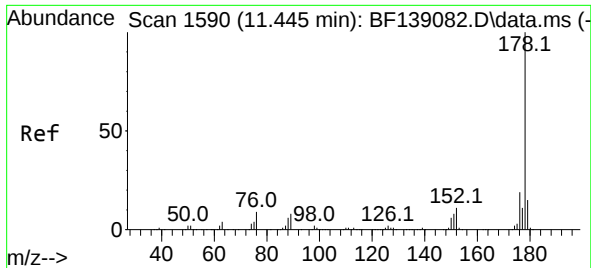
Tgt Ion:198 Resp: 346
Ion Ratio Lower Upper
198 100
51 210.7 40.8 80.8#
105 203.5 30.9 70.9#



#67
4-Bromophenyl-phenylether
Concen: 2.925 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF139098.D
Acq: 21 Aug 2024 13:21

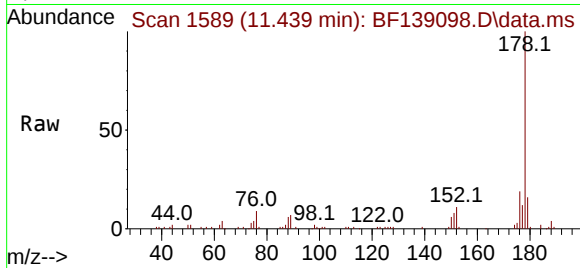
Tgt Ion:248 Resp: 9777
Ion Ratio Lower Upper
248 100
250 192.5 77.8 116.8#
141 476.6 57.9 86.9#



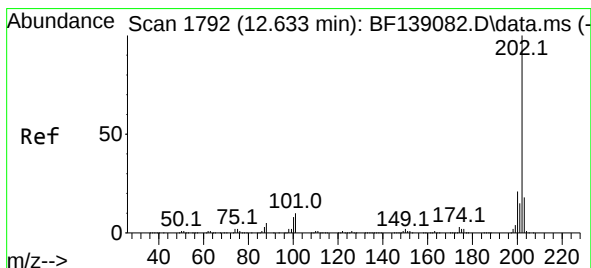
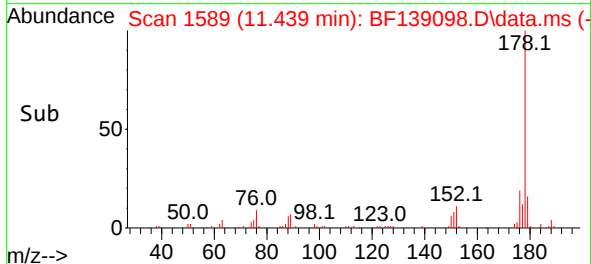
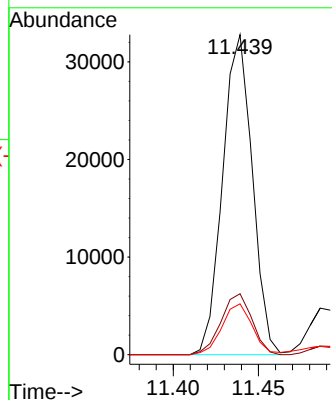


#71
Phenanthrene
Concen: 2.481 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF139098.D
Acq: 21 Aug 2024 13:21

Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624

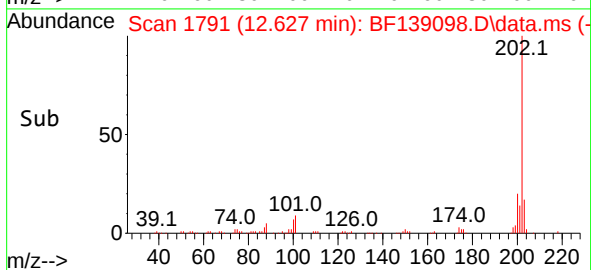
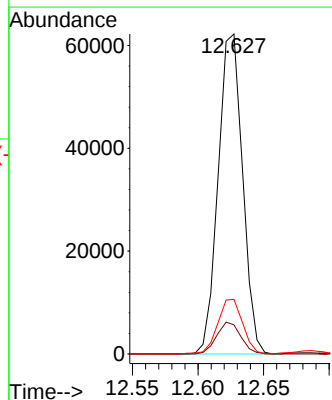
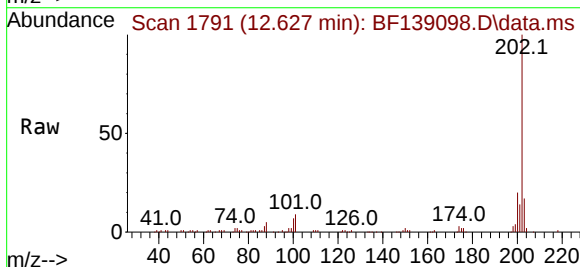


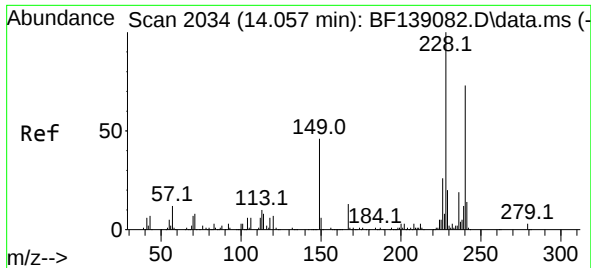
Tgt Ion:178 Resp: 39774
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.9 12.3 18.5



#75
Fluoranthene
Concen: 4.706 ng
RT: 12.627 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF139098.D
Acq: 21 Aug 2024 13:21

Tgt Ion:202 Resp: 80535
Ion Ratio Lower Upper
202 100
101 9.1 0.0 30.2
203 17.0 0.0 37.6

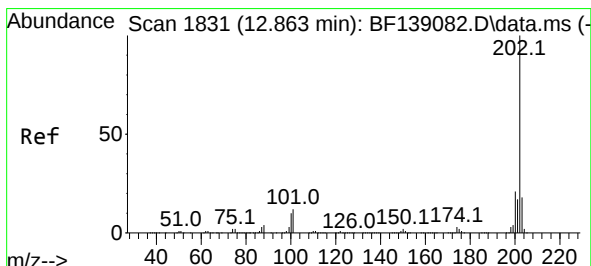
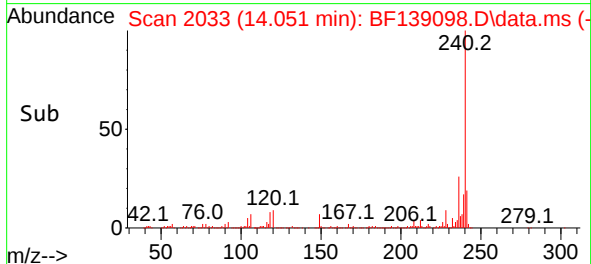
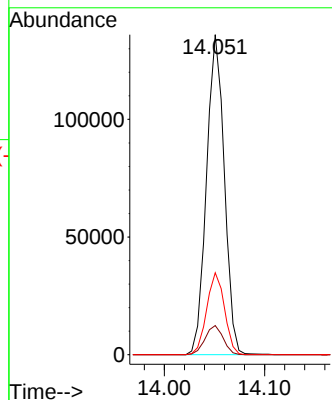
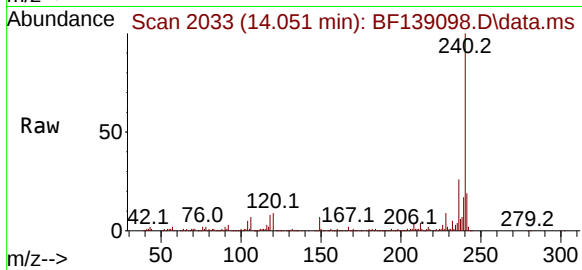




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF139098.D
Acq: 21 Aug 2024 13:21

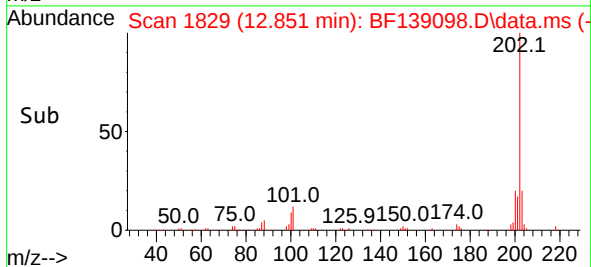
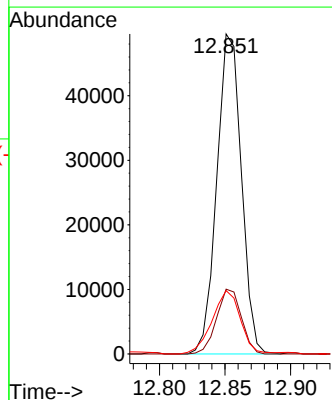
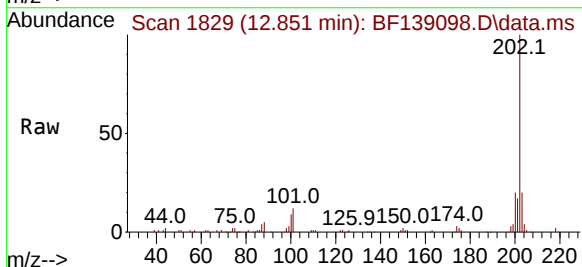
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624

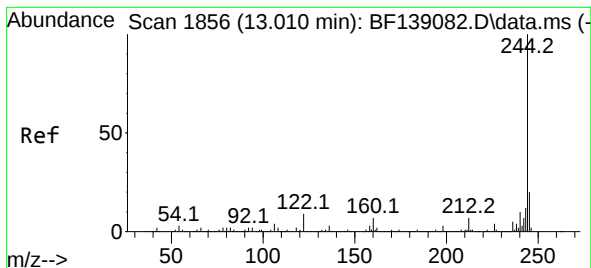
Tgt Ion:240 Resp: 168459
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 25.6 20.9 31.3



#78
Pyrene
Concen: 4.593 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BF139098.D
Acq: 21 Aug 2024 13:21

Tgt Ion:202 Resp: 64568
Ion Ratio Lower Upper
202 100
200 20.3 17.0 25.6
203 19.8 14.1 21.1





#79

Terphenyl-d14

Concen: 35.214 ng

RT: 12.998 min Scan# 1854

Delta R.T. -0.012 min

Lab File: BF139098.D

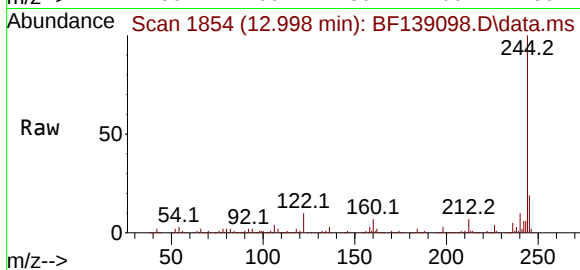
Acq: 21 Aug 2024 13:21

Instrument :

BNA_F

ClientSampleId :

S-906-J-0-0.5-081624



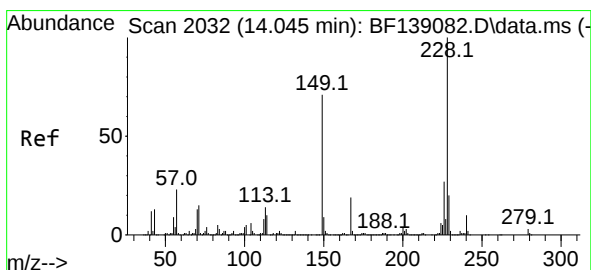
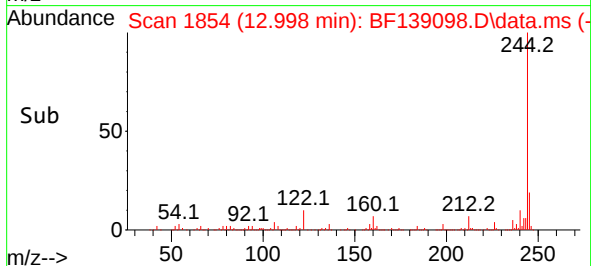
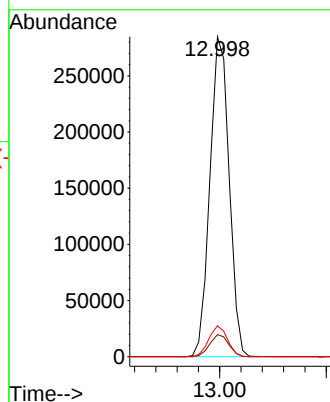
Tgt Ion:244 Resp: 357505

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 9.7 7.6 11.4



#81

Benzo(a)anthracene

Concen: 2.696 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF139098.D

Acq: 21 Aug 2024 13:21

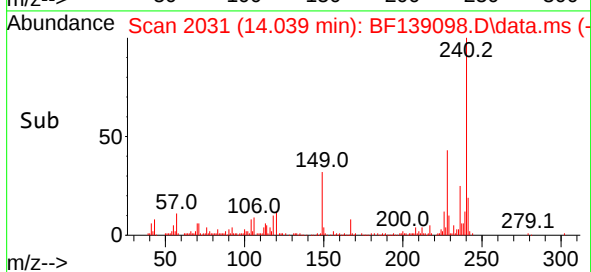
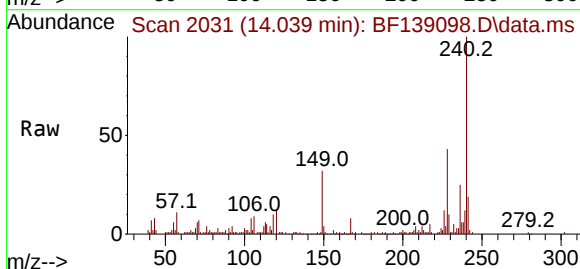
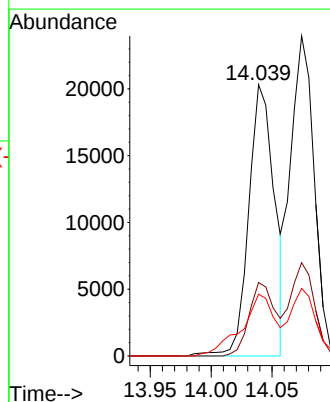
Tgt Ion:228 Resp: 29850

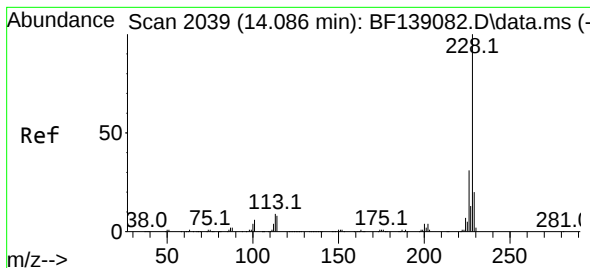
Ion Ratio Lower Upper

228 100

226 27.1 21.9 32.9

229 22.7 16.1 24.1





#83

Chrysene

Concen: 3.195 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.012 min

Lab File: BF139098.D

Acq: 21 Aug 2024 13:21

Instrument :

BNA_F

ClientSampleId :

S-906-J-0-0.5-081624

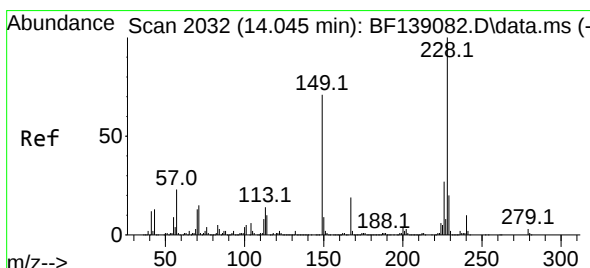
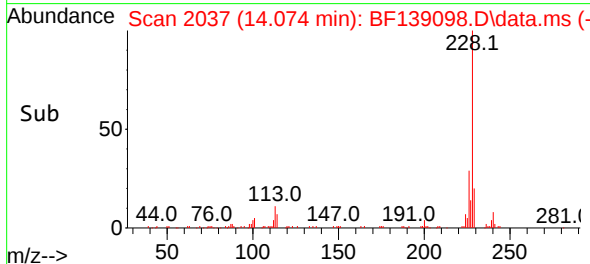
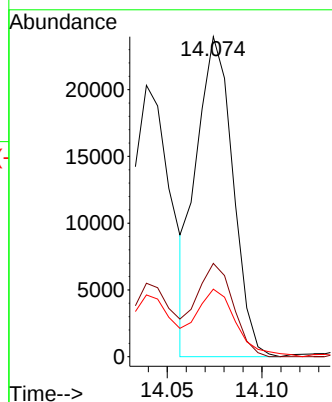
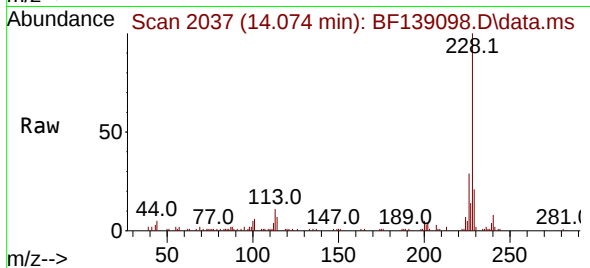
Tgt Ion:228 Resp: 32071

Ion Ratio Lower Upper

228 100

226 29.1 24.3 36.5

229 21.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.187 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF139098.D

Acq: 21 Aug 2024 13:21

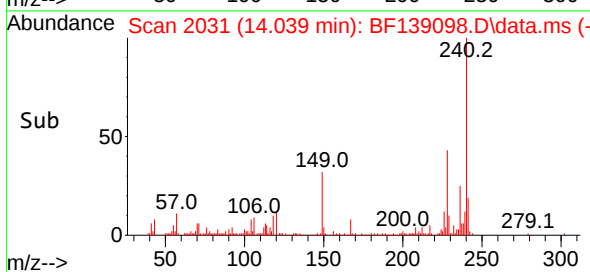
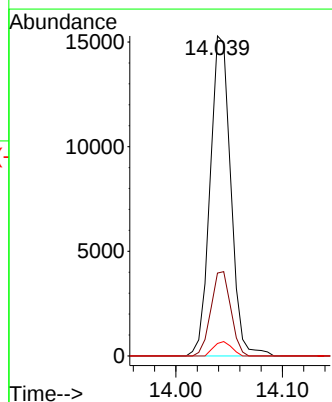
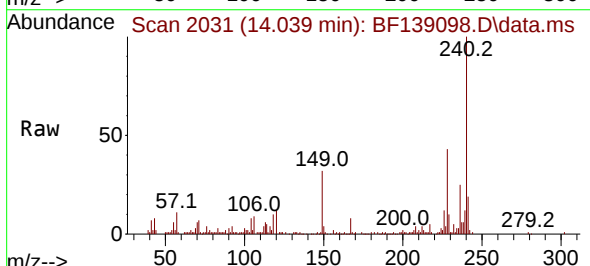
Tgt Ion:149 Resp: 20549

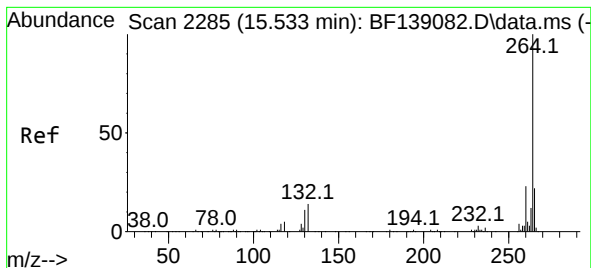
Ion Ratio Lower Upper

149 100

167 25.9 21.8 32.6

279 3.9 3.5 5.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139098.D

Acq: 21 Aug 2024 13:21

Instrument :

BNA_F

ClientSampleId :

S-906-J-0-0.5-081624

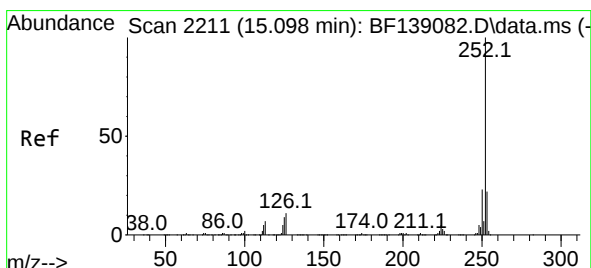
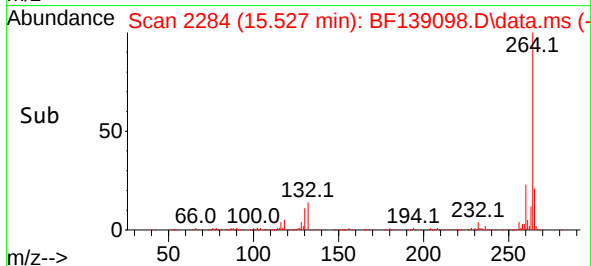
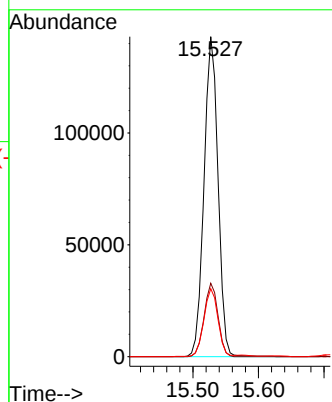
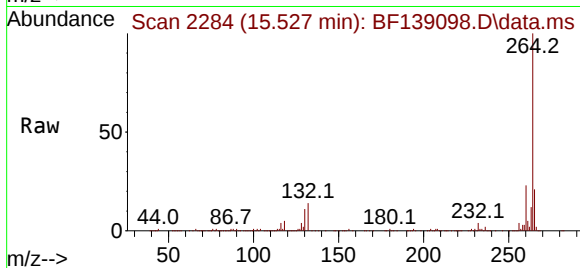
Tgt Ion:264 Resp: 213064

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.3 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 4.988 ng

RT: 15.098 min Scan# 2211

Delta R.T. -0.000 min

Lab File: BF139098.D

Acq: 21 Aug 2024 13:21

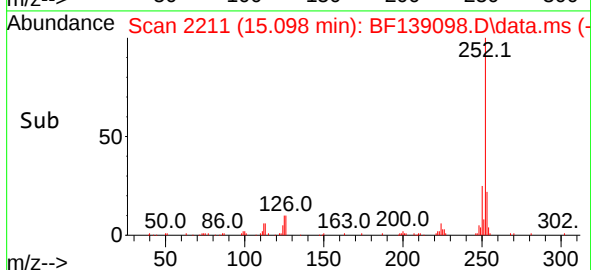
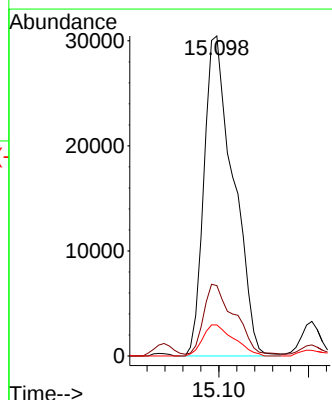
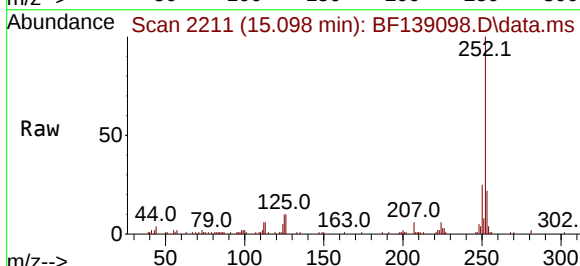
Tgt Ion:252 Resp: 69292

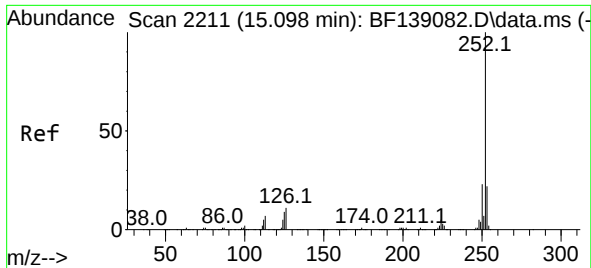
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 9.7 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 5.989 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.036 min

Lab File: BF139098.D

Acq: 21 Aug 2024 13:21

Instrument :

BNA_F

ClientSampleId :

S-906-J-0-0.5-081624

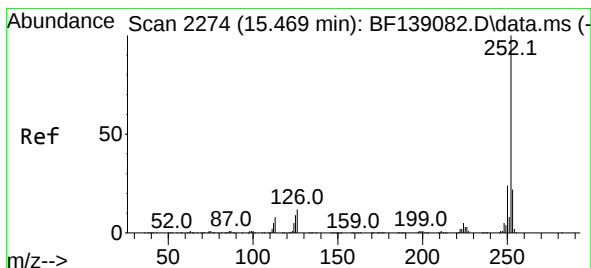
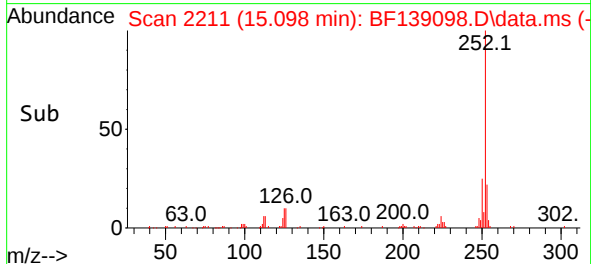
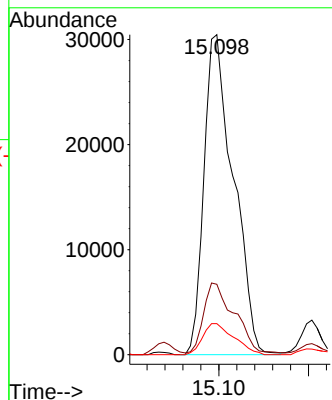
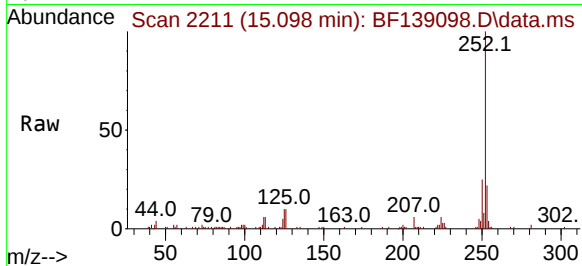
Tgt Ion:252 Resp: 69292

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 9.7 7.0 10.6



#90

Benzo(a)pyrene

Concen: 3.001 ng

RT: 15.462 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF139098.D

Acq: 21 Aug 2024 13:21

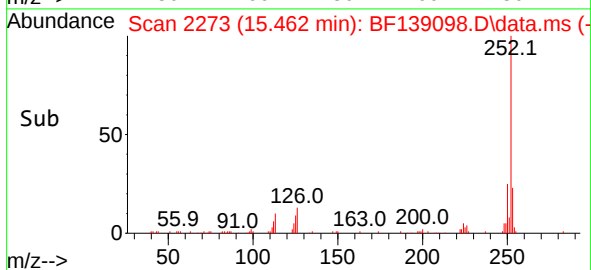
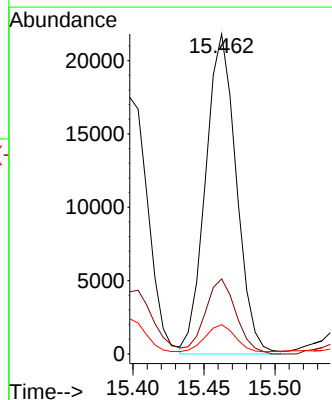
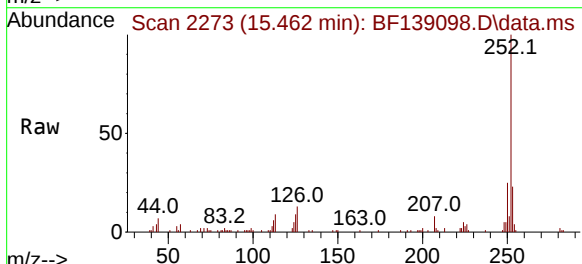
Tgt Ion:252 Resp: 32936

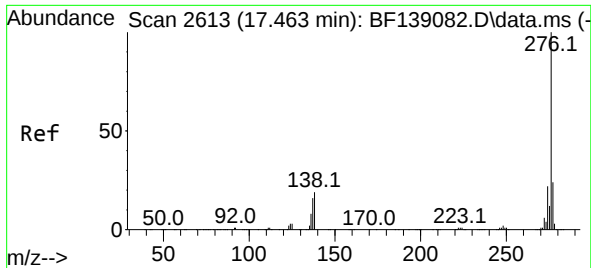
Ion Ratio Lower Upper

252 100

253 23.5 17.3 25.9

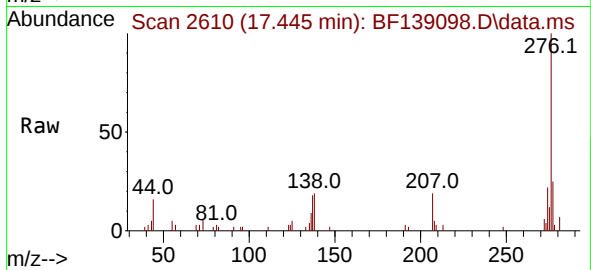
125 9.2 7.4 11.2





#92
 Benzo(g,h,i)perylene
 Concen: 4.367 ng
 RT: 17.445 min Scan# 20
 Delta R.T. -0.018 min
 Lab File: BF139098.D
 Acq: 21 Aug 2024 13:21

Instrument :
 BNA_F
 ClientSampleId :
 S-906-J-0-0.5-081624



Tgt Ion:	276	Resp:	19534
Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.8	28.2
138	18.8	15.0	22.4

