

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
 Data File : BF141831.D
 Acq On : 04 Mar 2025 17:16
 Operator : RC/JU
 Sample : Q1480-01 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Mar 05 00:17:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	244663	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	884460	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	402639	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	602200	20.000	ng	0.00
76) Chrysene-d12	14.051	240	528870	20.000	ng	0.00
86) Perylene-d12	15.527	264	564055	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	648612	42.337	ng	0.00
7) Phenol-d6	6.498	99	796556	39.946	ng	-0.01
23) Nitrobenzene-d5	7.439	82	477947	34.541	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	137061	36.259	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	811847	32.331	ng	-0.01
79) Terphenyl-d14	12.986	244	737758	22.569	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	64842	4.947	ng	# 81
25) Isophorone	7.439	82	475343	15.990	ng	# 66
31) Naphthalene	8.186	128	413966	9.107	ng	99
32) Benzoic acid	7.939	122	4162	8.074	ng	# 27
33) 4-Chloroaniline	8.186	127	53951	3.237	ng	# 32
37) 2-Methylnaphthalene	8.875	142	184168	6.177	ng	99
38) 1-Methylnaphthalene	8.975	142	151318	5.289	ng	100
48) 2-Nitroaniline	9.433	65	405	4.399	ng	# 6
49) Acenaphthylene	9.780	152	572549	16.882	ng	98
51) 2,6-Dinitrotoluene	9.916	165	58797	13.556	ng	# 22
52) Acenaphthene	9.951	154	389857	17.036	ng	98
53) 3-Nitroaniline	9.951	138	386	3.033	ng	# 39
55) Dibenzofuran	10.122	168	496265	14.900	ng	96
56) 4-Nitrophenol	10.122	139	191959	48.201	ng	# 6
57) 2,4-Dinitrotoluene	10.074	165	2309	3.865	ng	# 56
58) Fluorene	10.469	166	805813	32.298	ng	99
62) 4-Nitroaniline	10.469	138	9510	2.065	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.704	198	382	8.238	ng	# 1
71) Phenanthrene	11.433	178	2987922	92.759	ng	99
72) Anthracene	11.480	178	1471378	45.577	ng	99
73) Carbazole	11.627	167	191504	6.717	ng	99
75) Fluoranthene	12.627	202	5699273	172.673	ng	97
78) Pyrene	12.857	202	4822393	105.300	ng	97
81) Benzo(a)anthracene	14.074	228	2832888	81.095	ng	93
82) 3,3'-Dichlorobenzidine	14.086	252	27052	2.699	ng	# 1
83) Chrysene	14.074	228	2832888	87.973	ng	96
84) Bis(2-ethylhexyl)phtha...	14.027	149	47574	2.296	ng	94
87) Indeno(1,2,3-cd)pyrene	17.015	276	1291972	35.971	ng	94
88) Benzo(b)fluoranthene	15.098	252	5034658	131.036	ng	97
89) Benzo(k)fluoranthene	15.098	252	5034658	154.168	ng	97
90) Benzo(a)pyrene	15.468	252	2674130	86.784	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	377016	12.860	ng	96
92) Benzo(g,h,i)perylene	17.468	276	1126102	37.493	ng	99

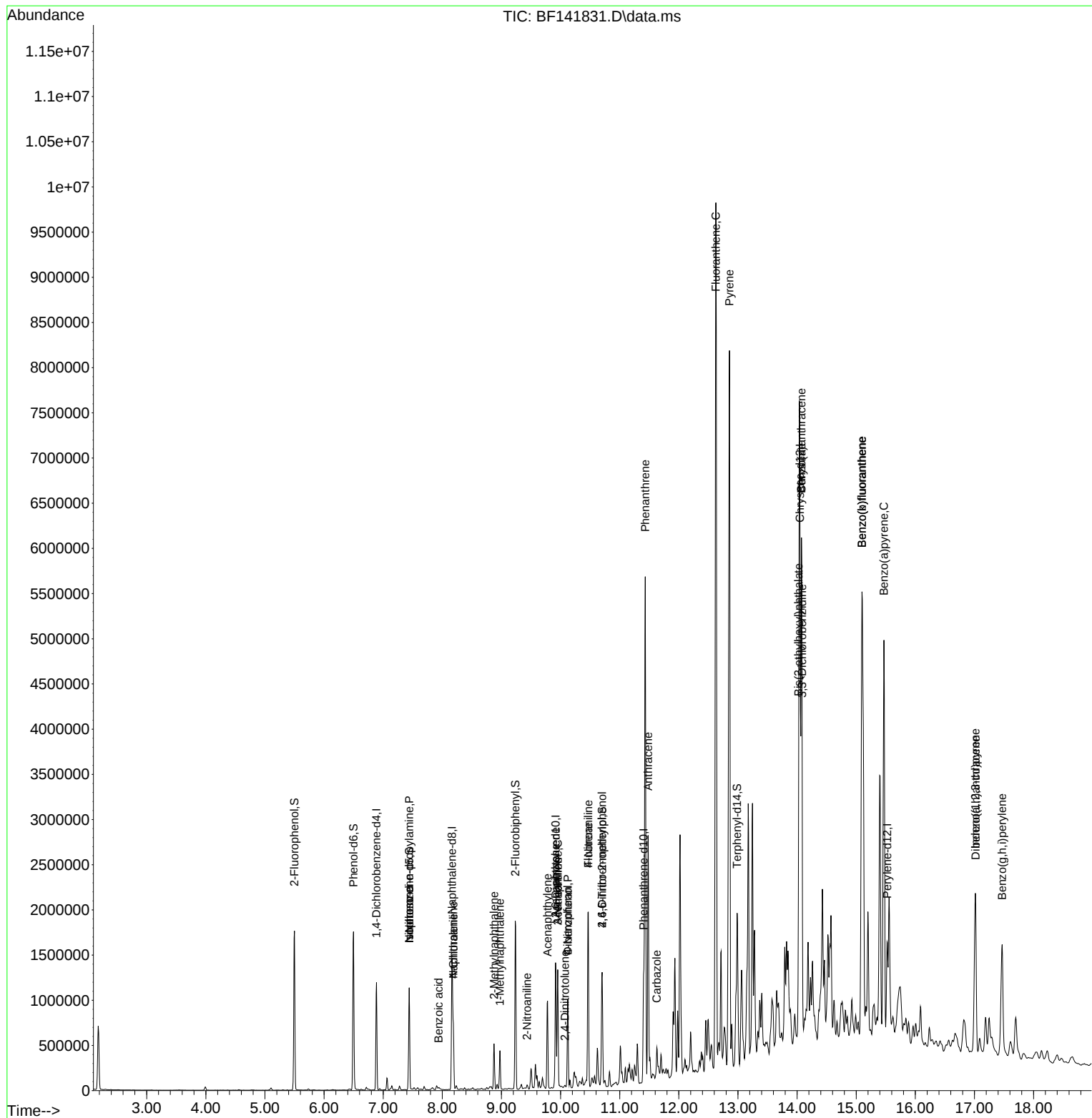
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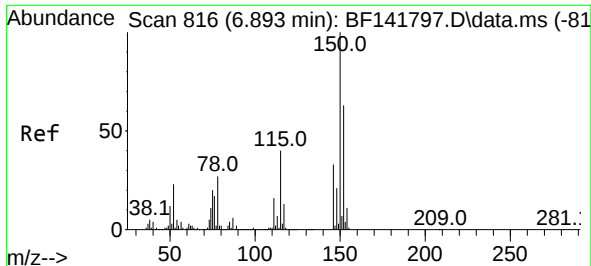
Instrument :
BNA_F
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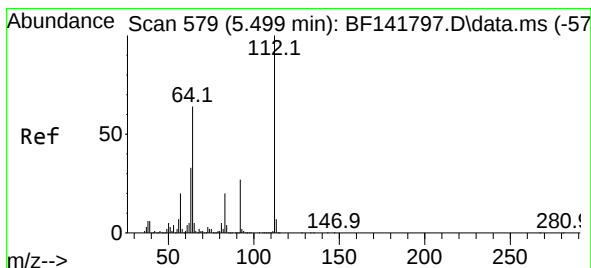
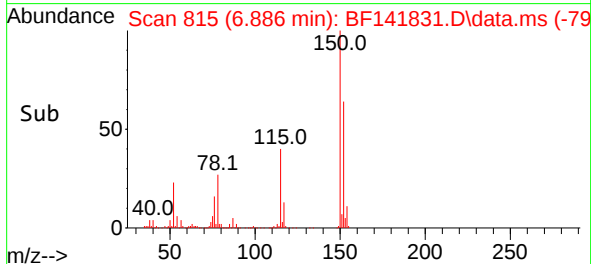
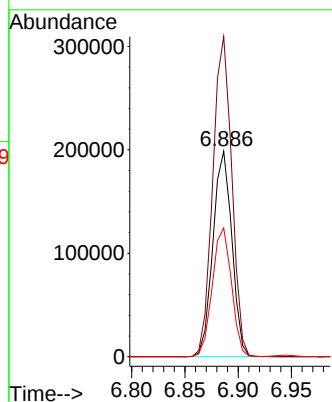
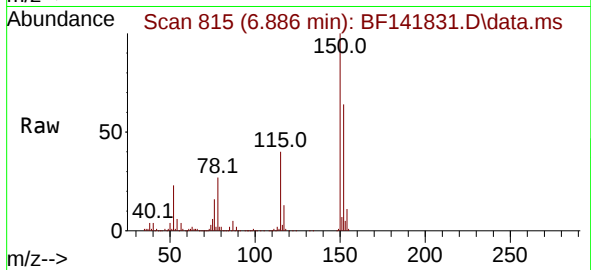




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 816
 Delta R.T. -0.007 min
 Lab File: BF141831.D
 Acq: 04 Mar 2025 17:16

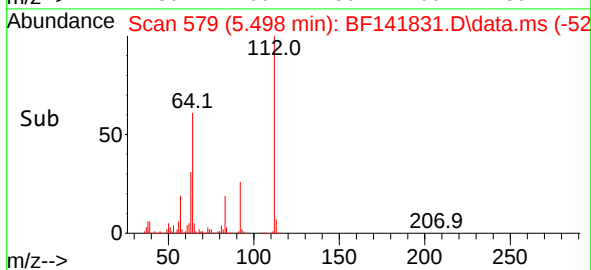
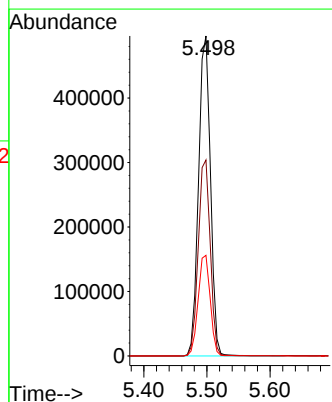
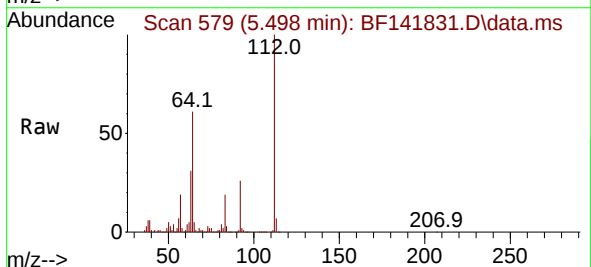
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 ClientSampleId :
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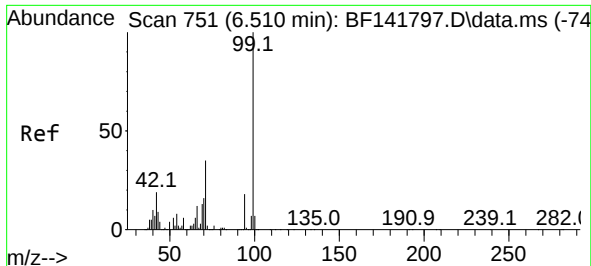
Tgt Ion:152 Resp: 244663
 Ion Ratio Lower Upper
 152 100
 150 155.8 127.5 191.3
 115 62.7 51.4 77.2



#5
 2-Fluorophenol
 Concen: 42.337 ng
 RT: 5.498 min Scan# 579
 Delta R.T. -0.000 min
 Lab File: BF141831.D
 Acq: 04 Mar 2025 17:16

Tgt Ion:112 Resp: 648612
 Ion Ratio Lower Upper
 112 100
 64 61.3 51.3 76.9
 63 31.5 26.2 39.4

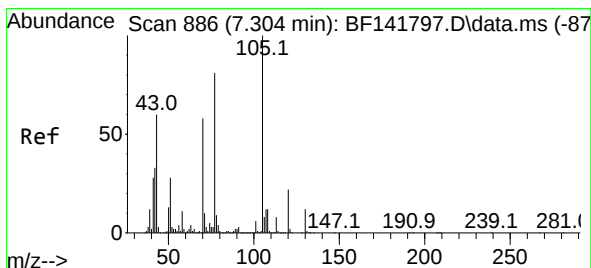
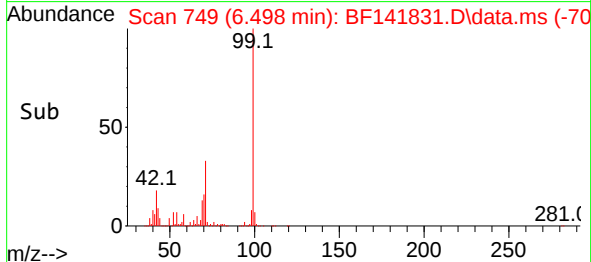
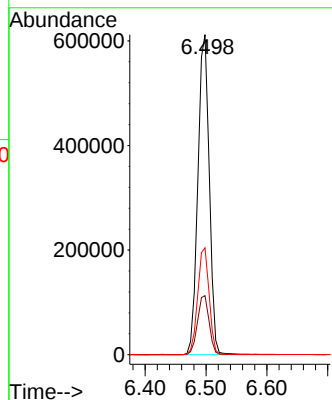
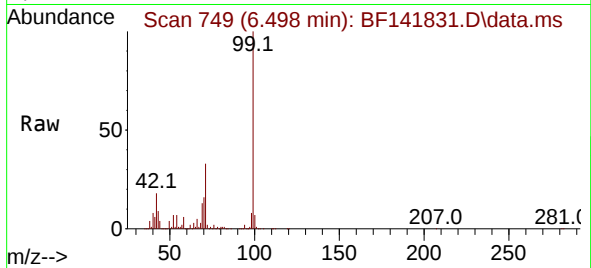




#7
Phenol-d6
Concen: 39.946 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

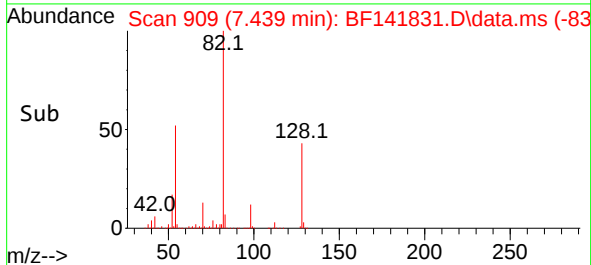
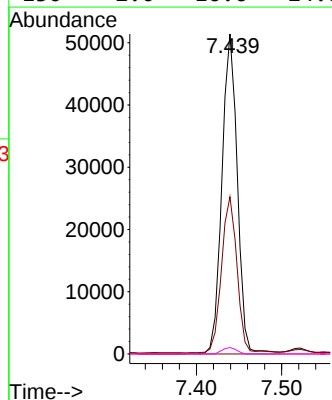
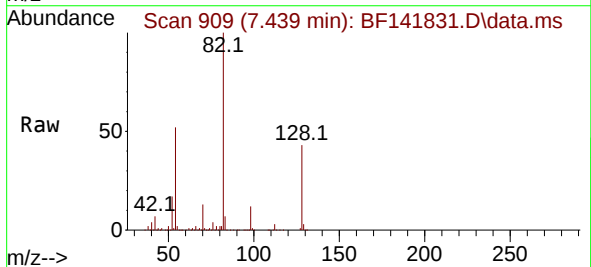
Instrument :
BNA_F
ClientSampleId :
TP-1

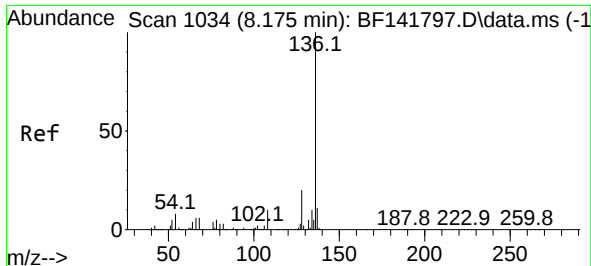
Tgt Ion: 99 Resp: 796556
Ion Ratio Lower Upper
99 100
42 18.4 15.2 22.8
71 33.4 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 4.947 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.135 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

Tgt Ion: 70 Resp: 64842
Ion Ratio Lower Upper
70 100
42 49.1 45.4 68.0
101 0.0 7.8 11.8#
130 2.0 16.6 24.8#



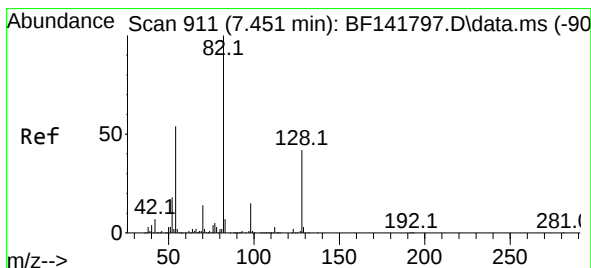
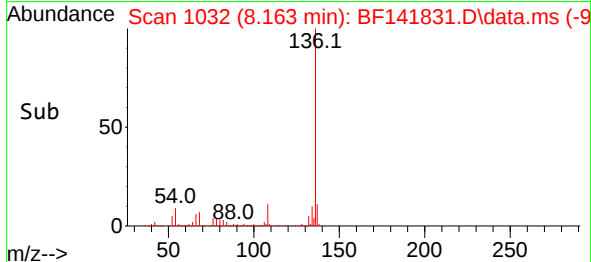
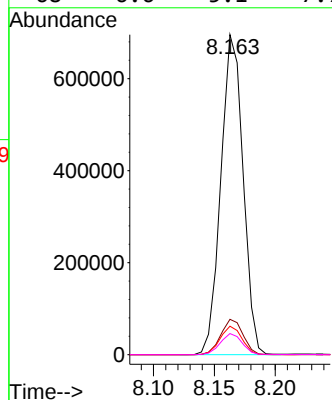
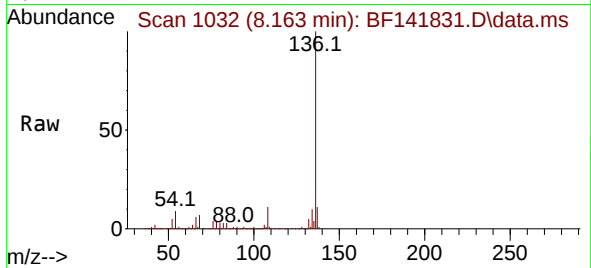


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 884460

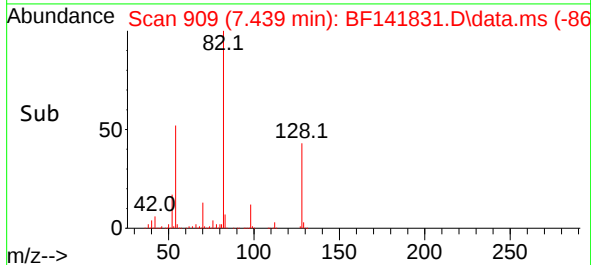
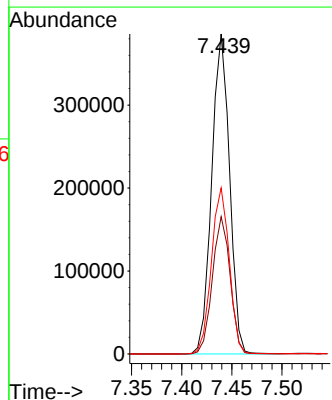
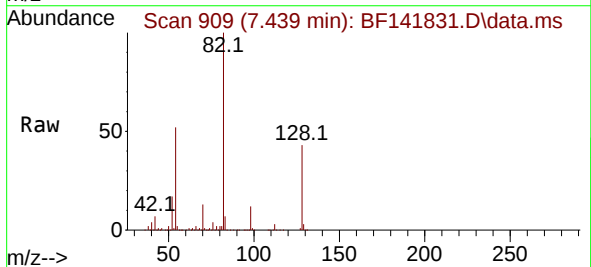
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.9	6.9	10.3
68	6.6	5.1	7.7

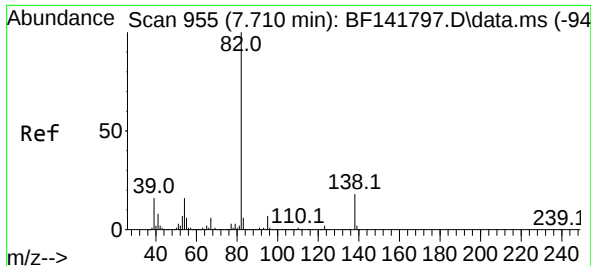


#23
Nitrobenzene-d5
Concen: 34.541 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

Tgt Ion: 82 Resp: 477947

Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.5	50.3
54	51.9	42.7	64.1

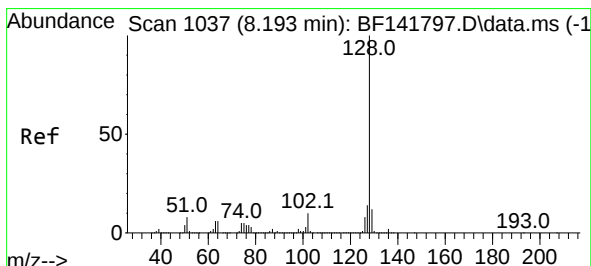
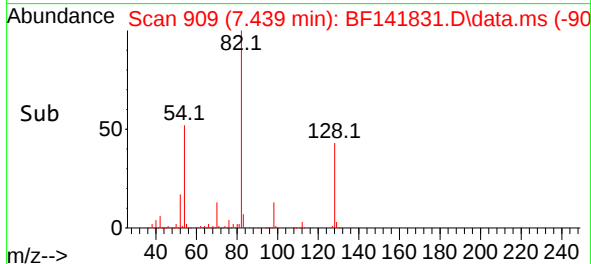
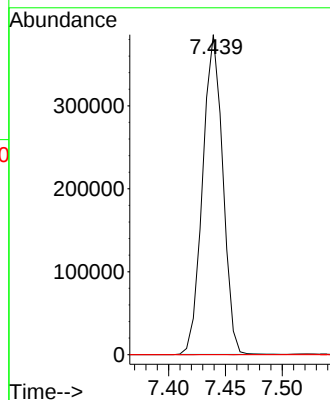
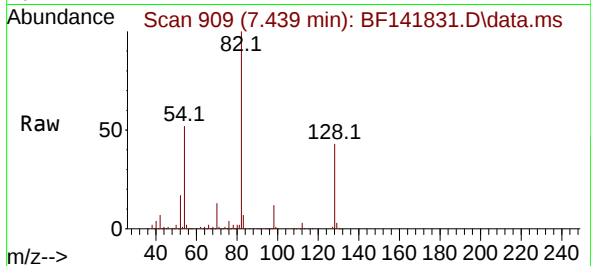




#25
Isophorone
Concen: 15.990 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.271 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

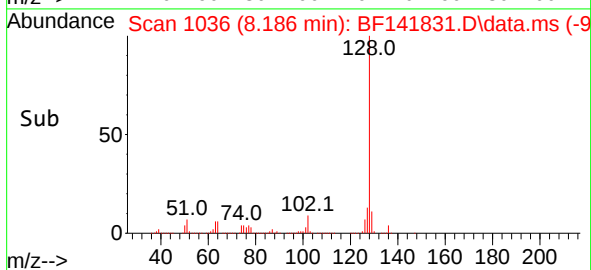
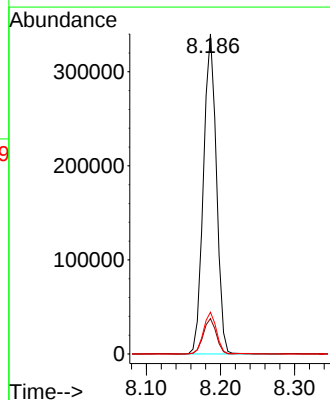
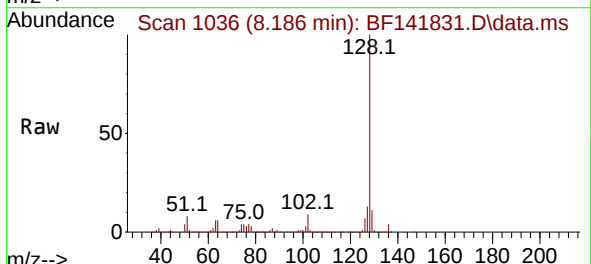
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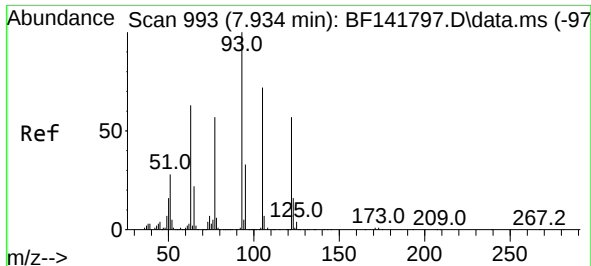
Tgt Ion: 82 Resp: 475343
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.8#
138 0.0 14.0 21.0#



#31
Naphthalene
Concen: 9.107 ng
RT: 8.186 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

Tgt Ion: 128 Resp: 413966
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.1 11.0 16.4

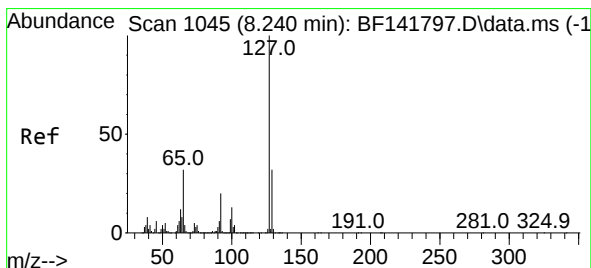
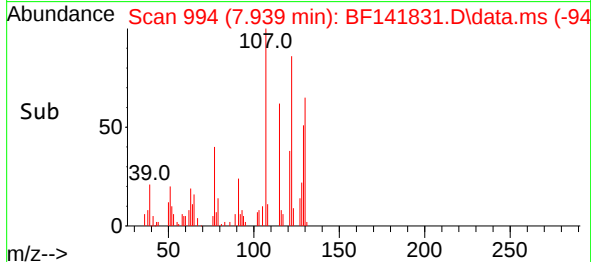
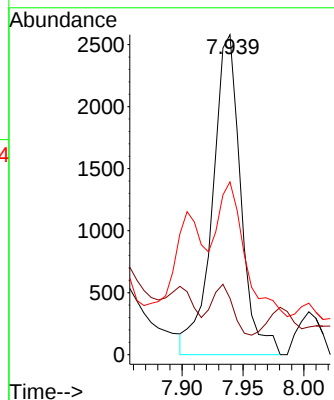
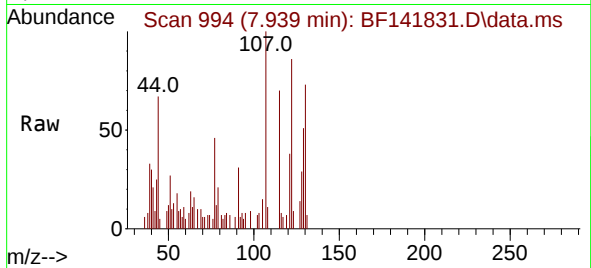




#32
Benzoic acid
Concen: 8.074 ng
RT: 7.939 min Scan# 993
Delta R.T. 0.005 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

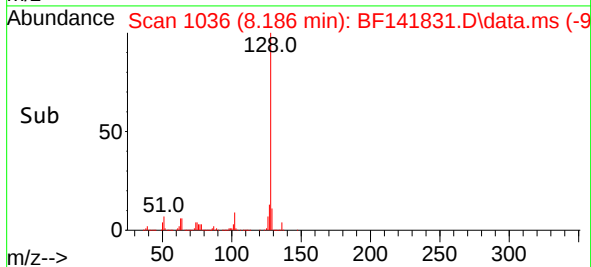
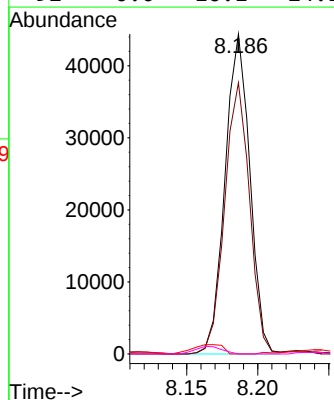
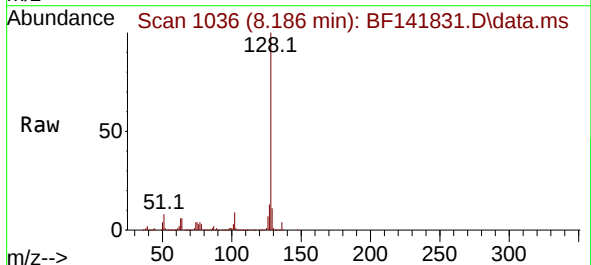
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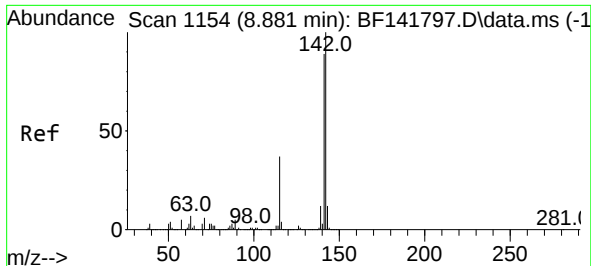
Tgt Ion:122 Resp: 4162
Ion Ratio Lower Upper
122 100
105 17.7 105.8 145.8#
77 54.0 79.9 119.9#



#33
4-Chloroaniline
Concen: 3.237 ng
RT: 8.186 min Scan# 1036
Delta R.T. -0.053 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

Tgt Ion:127 Resp: 53951
Ion Ratio Lower Upper
127 100
129 84.7 26.1 39.1#
65 0.0 25.7 38.5#
92 0.0 16.1 24.1#

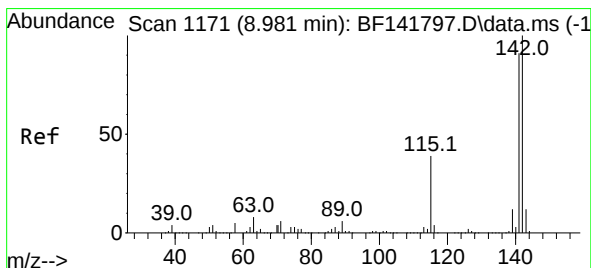
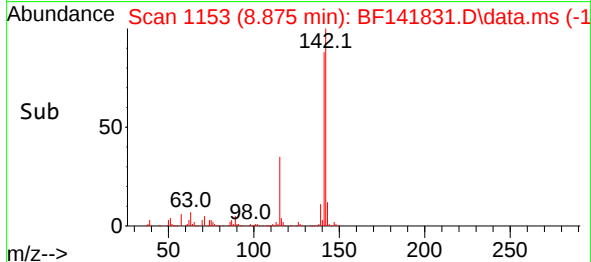
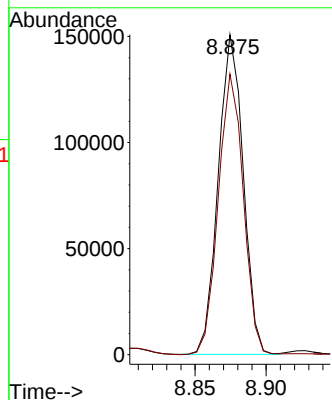
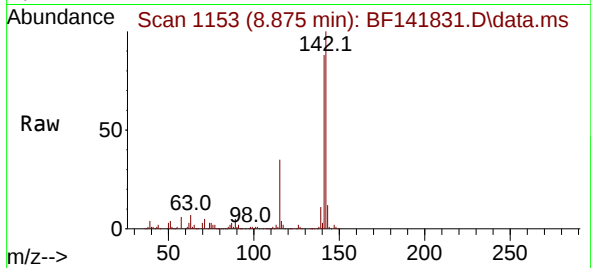




#37
2-Methylnaphthalene
Concen: 6.177 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

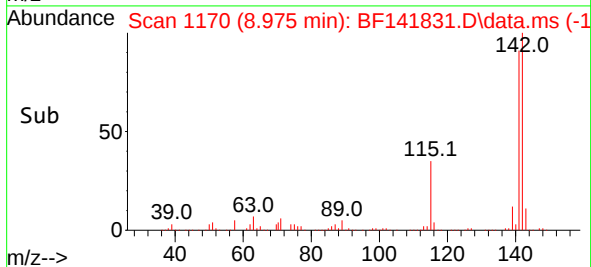
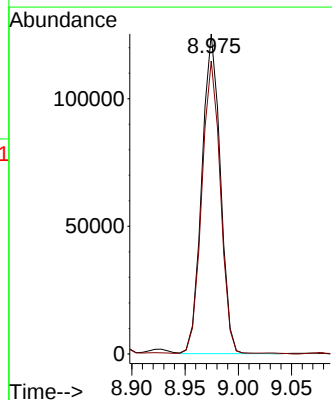
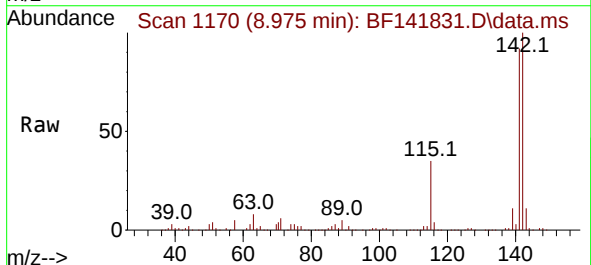
Instrument :
BNA_F
ClientSampleId :
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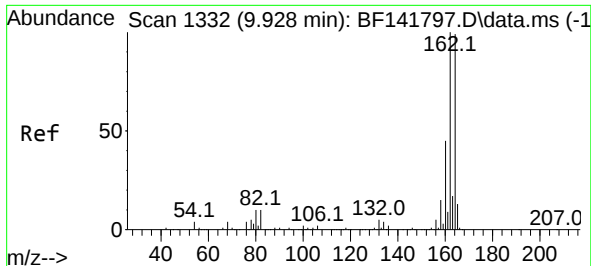
Tgt Ion:142 Resp: 184168
Ion Ratio Lower Upper
142 100
141 87.7 71.1 106.7



#38
1-Methylnaphthalene
Concen: 5.289 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

Tgt Ion:142 Resp: 151318
Ion Ratio Lower Upper
142 100
141 91.6 73.1 109.7

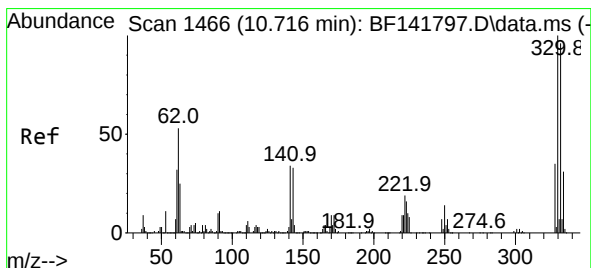
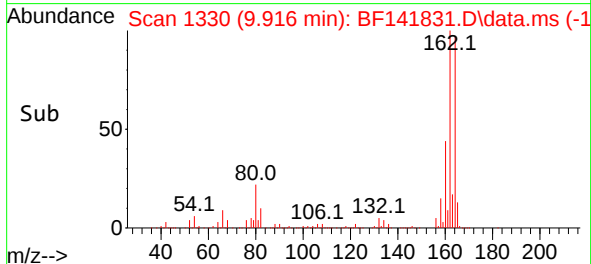
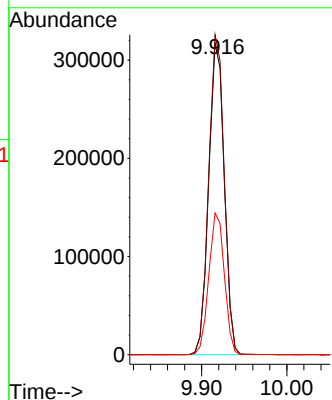
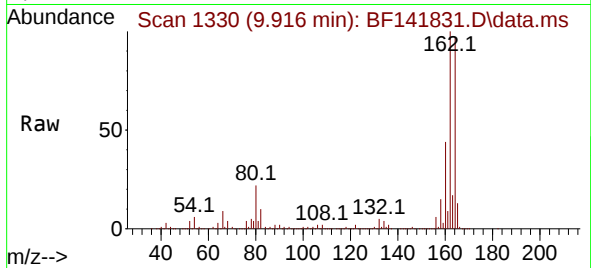




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

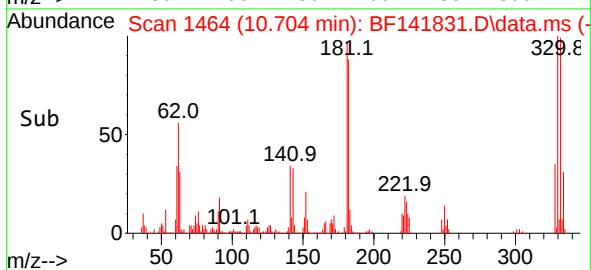
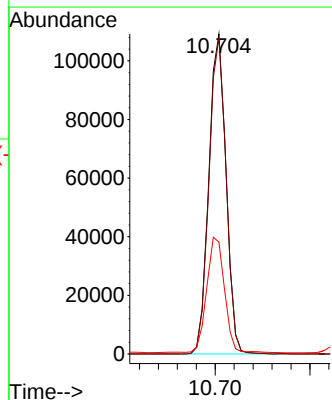
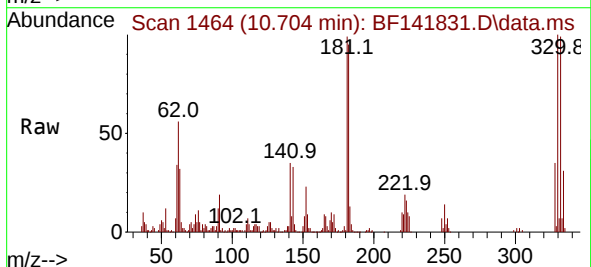
Instrument :
BNA_F
ClientSampleId :
TP-1

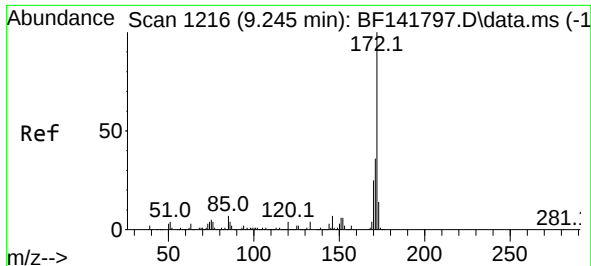
Tgt Ion:164 Resp: 402639
Ion Ratio Lower Upper
164 100
162 102.7 80.6 120.8
160 45.5 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 36.259 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

Tgt Ion:330 Resp: 137061
Ion Ratio Lower Upper
330 100
332 98.5 76.6 115.0
141 37.6 29.0 43.4

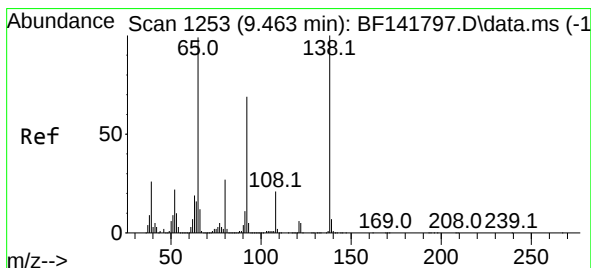
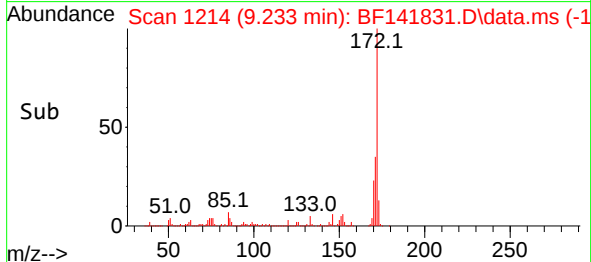
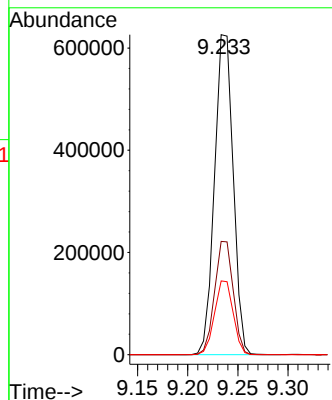
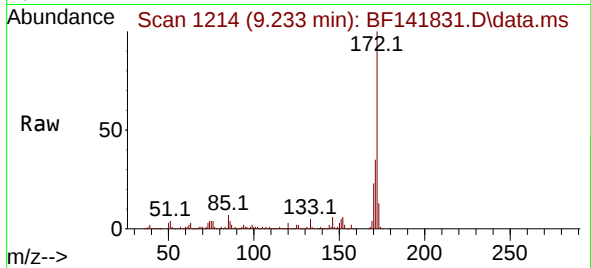




#45
2-Fluorobiphenyl
Concen: 32.331 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

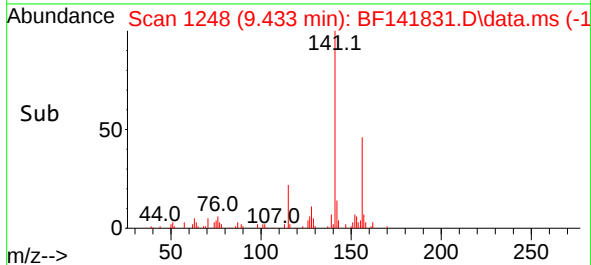
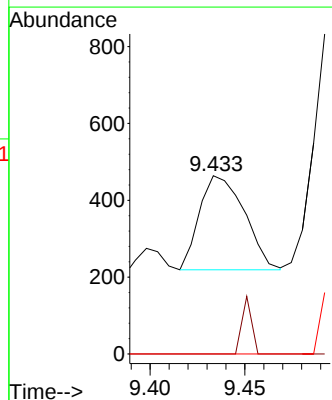
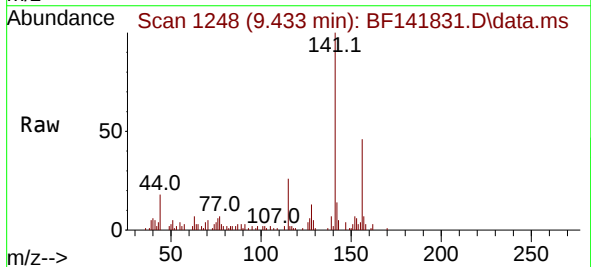
Instrument :
BNA_F
ClientSampleId :
TP-1

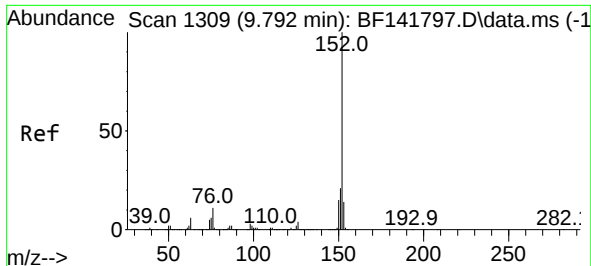
Tgt Ion:172 Resp: 811847
Ion Ratio Lower Upper
172 100
171 35.4 29.2 43.8
170 23.0 19.7 29.5



#48
2-Nitroaniline
Concen: 4.399 ng
RT: 9.433 min Scan# 1248
Delta R.T. -0.030 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

Tgt Ion: 65 Resp: 405
Ion Ratio Lower Upper
65 100
92 0.0 55.7 83.5#
138 0.0 80.6 121.0#

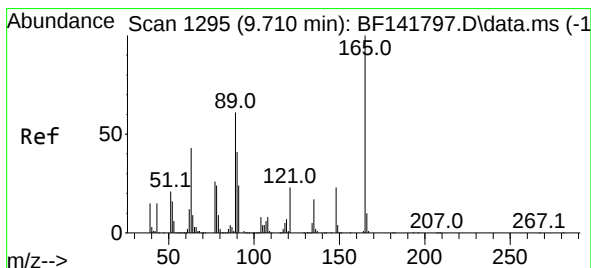
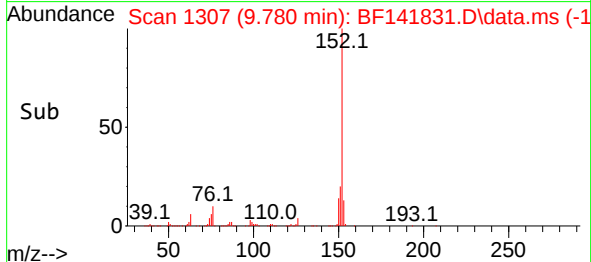
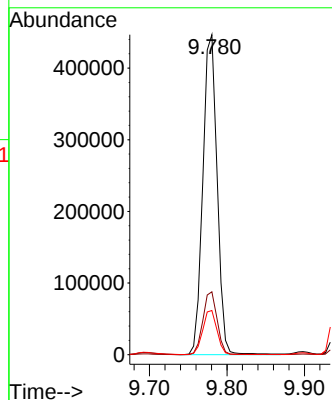
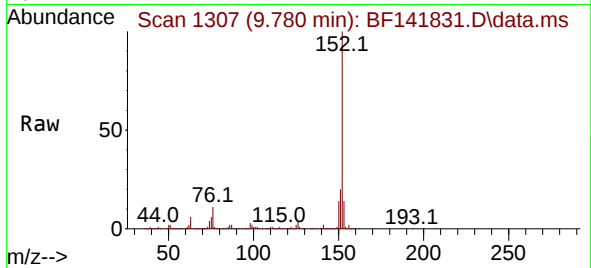




#49
Acenaphthylene
Concen: 16.882 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

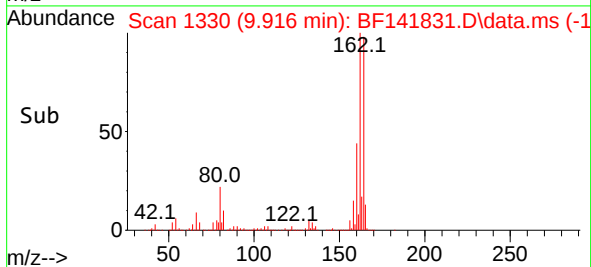
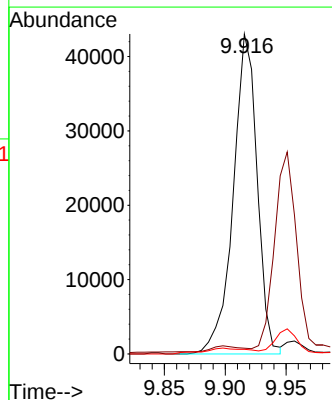
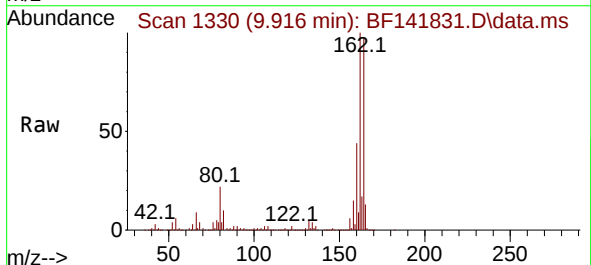
Instrument :
BNA_F
ClientSampleId :
TP-1

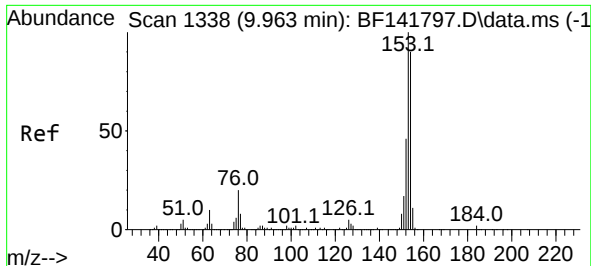
Tgt Ion:152 Resp: 572549
Ion Ratio Lower Upper
152 100
151 19.6 16.6 24.8
153 13.8 11.2 16.8



#51
2,6-Dinitrotoluene
Concen: 13.556 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.206 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

Tgt Ion:165 Resp: 58797
Ion Ratio Lower Upper
165 100
63 1.8 49.5 74.3#
89 1.5 49.0 73.4#

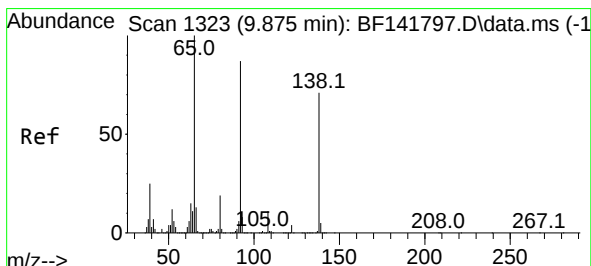
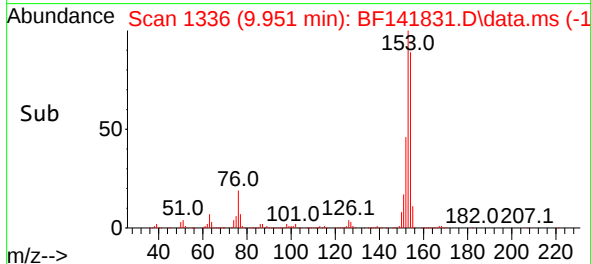
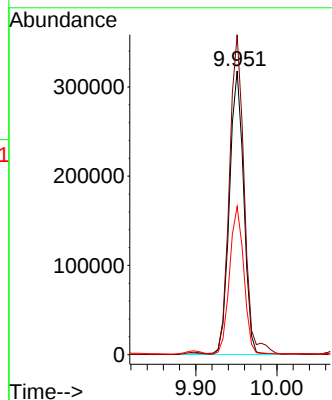
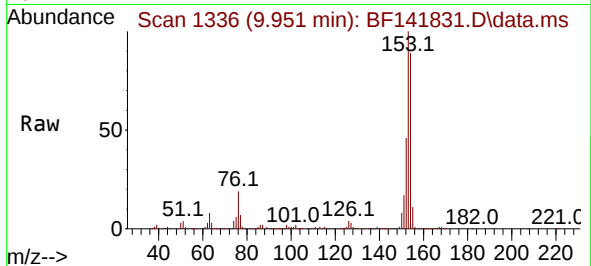




#52
Acenaphthene
Concen: 17.036 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

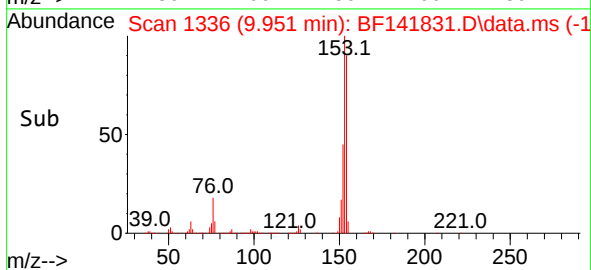
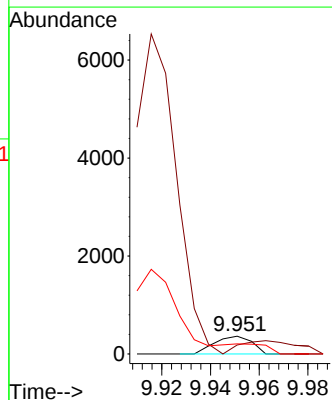
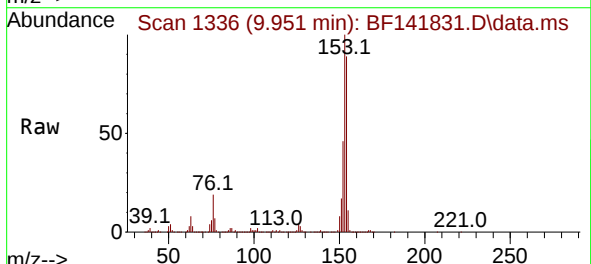
Instrument :
BNA_F
ClientSampleId :
TP-1

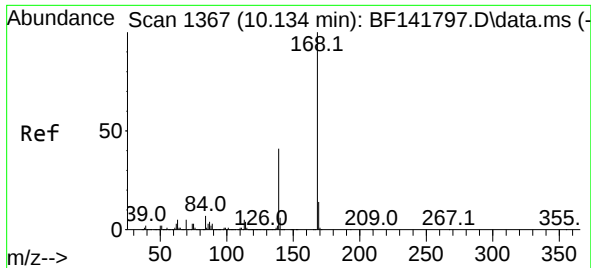
Tgt Ion:154 Resp: 389857
Ion Ratio Lower Upper
154 100
153 112.8 88.7 133.1
152 52.2 40.9 61.3



#53
3-Nitroaniline
Concen: 3.033 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.076 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

Tgt Ion:138 Resp: 386
Ion Ratio Lower Upper
138 100
108 50.3 12.7 19.1#
92 56.9 97.9 146.9#

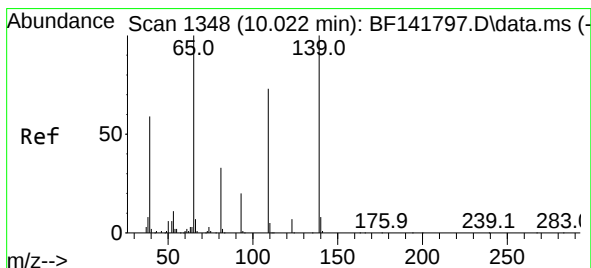
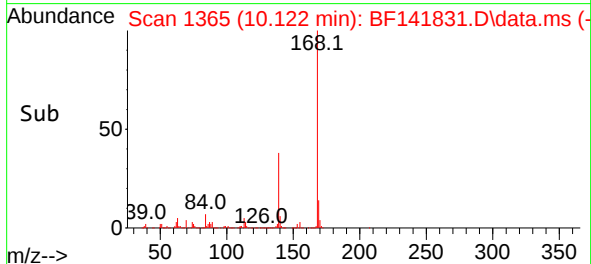
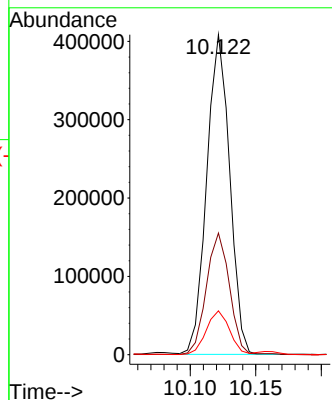
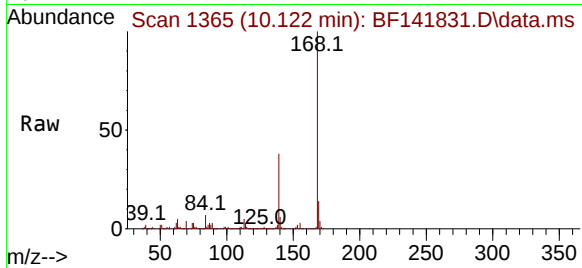




#55
Dibenzenofuran
Concen: 14.900 ng
RT: 10.122 min Scan# 1365
Delta R.T. -0.012 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

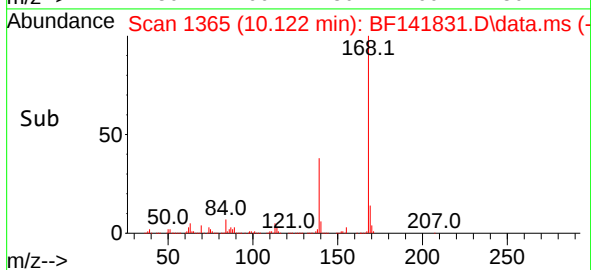
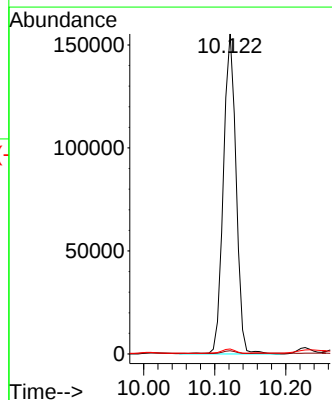
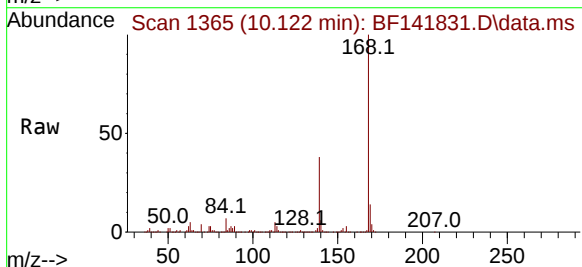
Instrument :
BNA_F
ClientSampleId :
TP-1

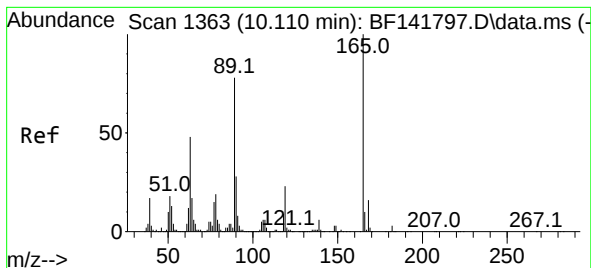
Tgt Ion:168 Resp: 496265
Ion Ratio Lower Upper
168 100
139 38.0 32.9 49.3
169 13.7 11.1 16.7



#56
4-Nitrophenol
Concen: 48.201 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.100 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

Tgt Ion:139 Resp: 191959
Ion Ratio Lower Upper
139 100
109 1.0 53.4 93.4#
65 1.6 82.1 122.1#

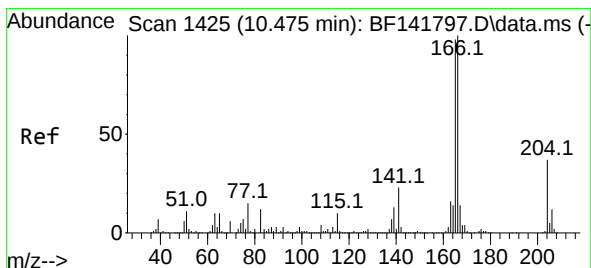
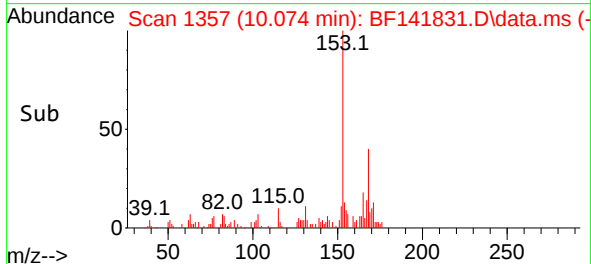
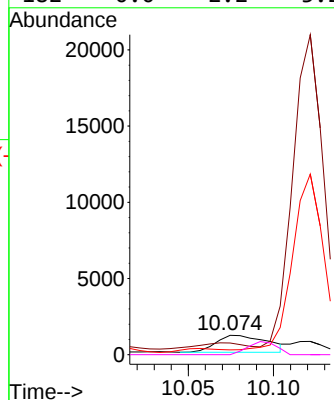
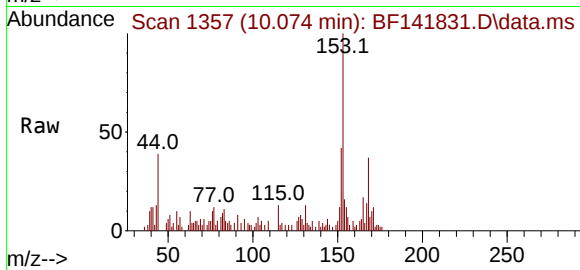




#57
2,4-Dinitrotoluene
Concen: 3.865 ng
RT: 10.074 min Scan# 11
Delta R.T. -0.036 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

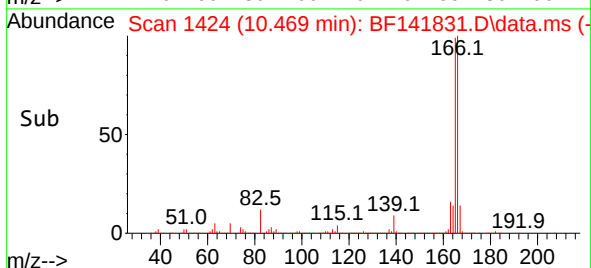
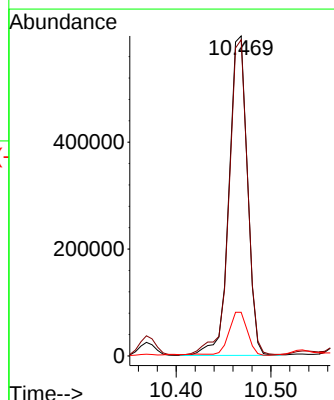
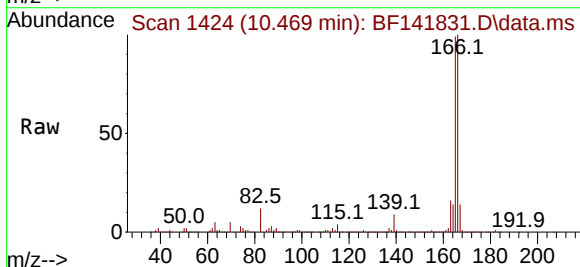
Instrument :
BNA_F
ClientSampleId :
TP-1

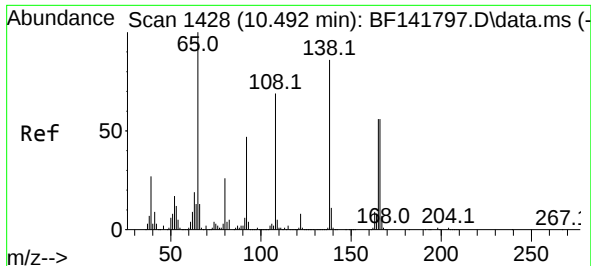
Tgt Ion:165 Resp: 2309
Ion Ratio Lower Upper
165 100
63 59.9 38.8 58.2#
89 24.4 62.6 94.0#
182 0.0 2.2 3.2#



#58
Fluorene
Concen: 32.298 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

Tgt Ion:166 Resp: 805813
Ion Ratio Lower Upper
166 100
165 98.8 78.6 117.8
167 13.7 11.0 16.4

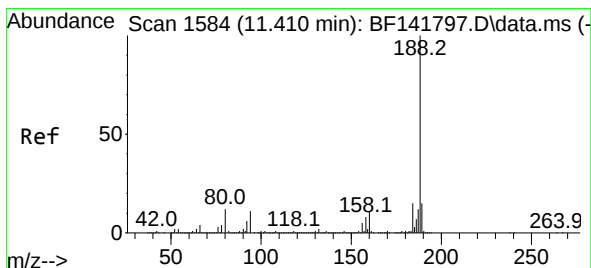
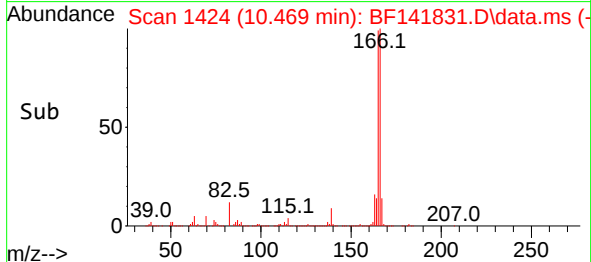
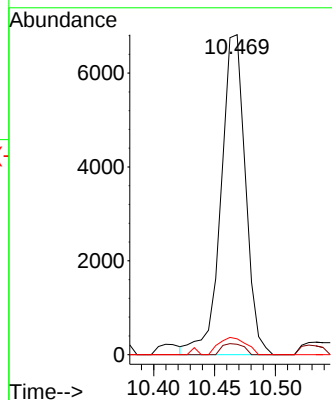
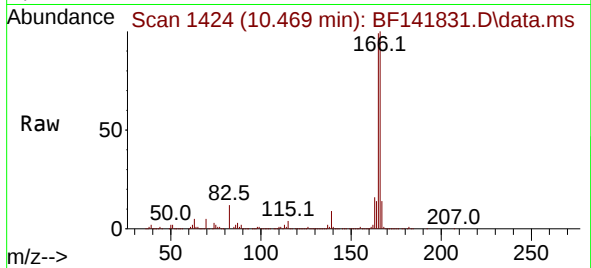




#62
4-Nitroaniline
Concen: 2.065 ng
RT: 10.469 min Scan# 1428
Delta R.T. -0.024 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

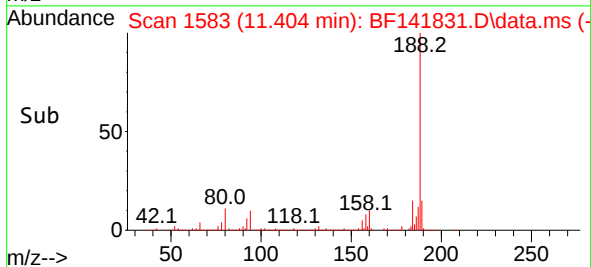
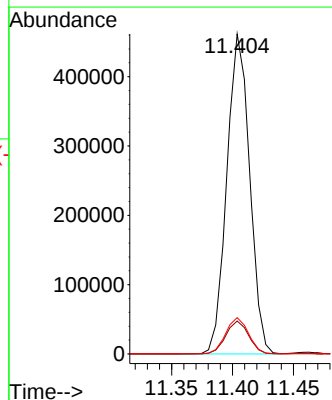
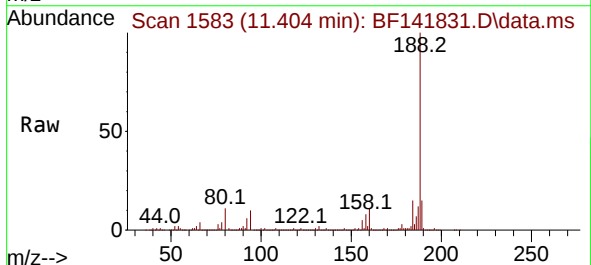
Instrument :
BNA_F
ClientSampleId :
TP-1

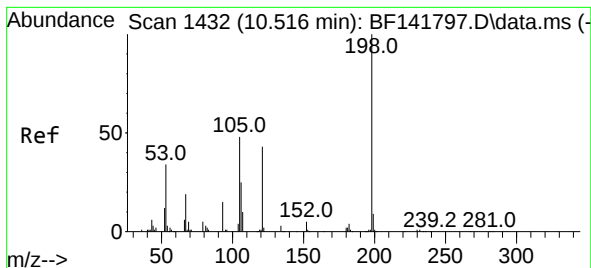
Tgt Ion:138 Resp: 9510
Ion Ratio Lower Upper
138 100
92 3.3 34.9 74.9#
108 5.0 59.6 99.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

Tgt Ion:188 Resp: 602200
Ion Ratio Lower Upper
188 100
94 10.3 8.9 13.3
80 11.3 9.7 14.5

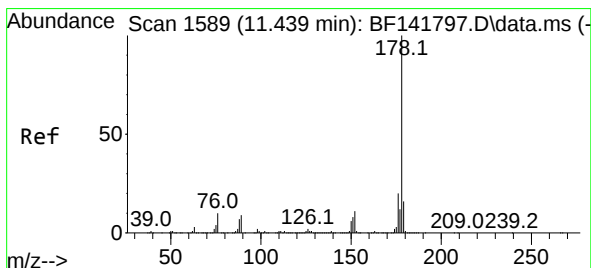
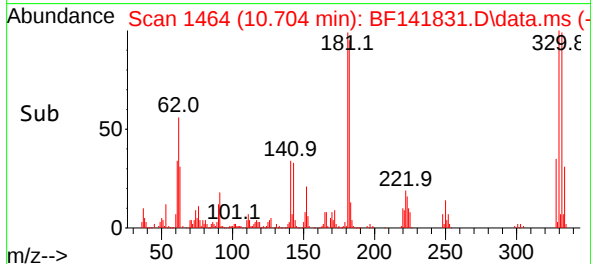
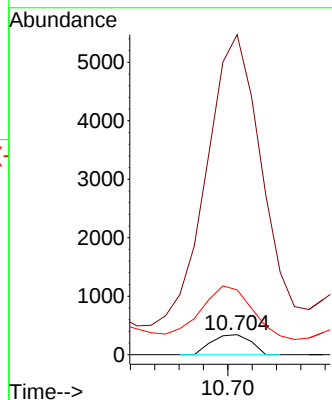
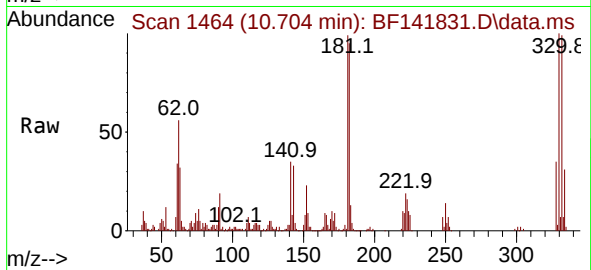




#65
4,6-Dinitro-2-methylphenol
Concen: 8.238 ng
RT: 10.704 min Scan# 1432
Delta R.T. 0.188 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

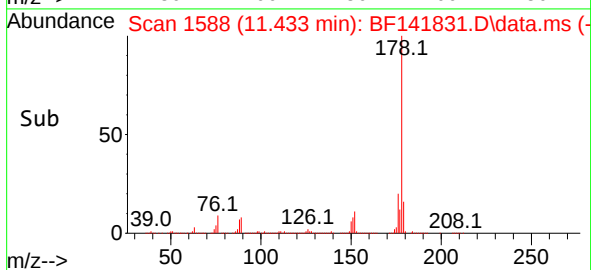
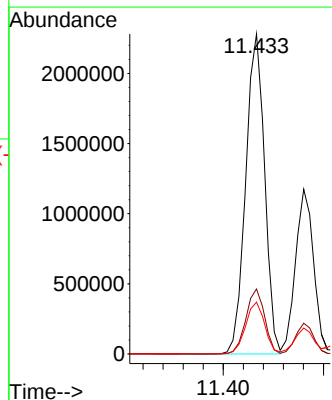
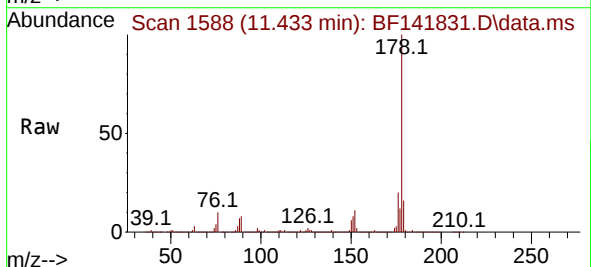
Instrument :
BNA_F
ClientSampleId :
TP-1

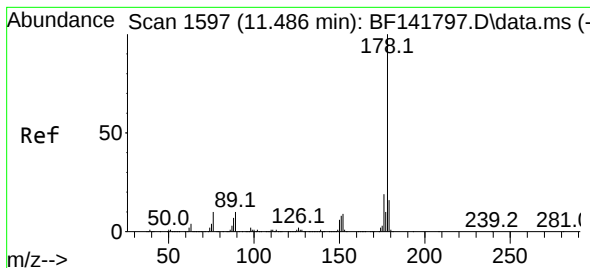
Tgt Ion:198 Resp: 382
Ion Ratio Lower Upper
198 100
51 1605.0 32.1 72.1#
105 324.9 28.5 68.5#



#71
Phenanthrene
Concen: 92.759 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

Tgt Ion:178 Resp: 2987922
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 16.2 12.6 19.0





#72

Anthracene

Concen: 45.577 ng

RT: 11.480 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141831.D

Acq: 04 Mar 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-1

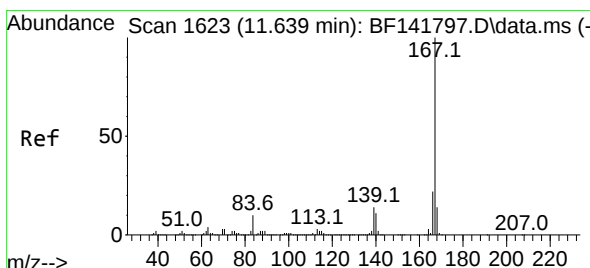
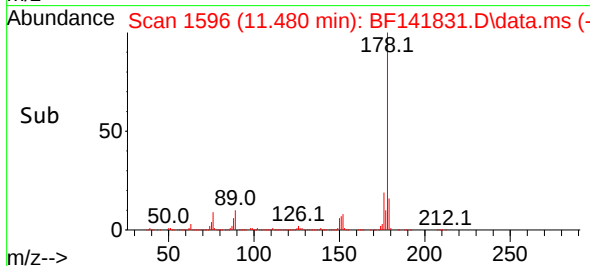
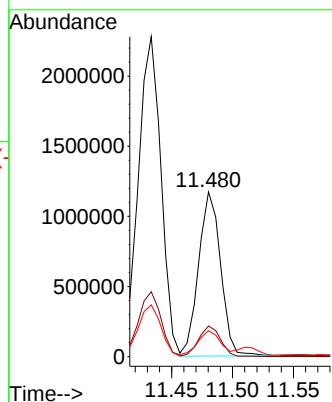
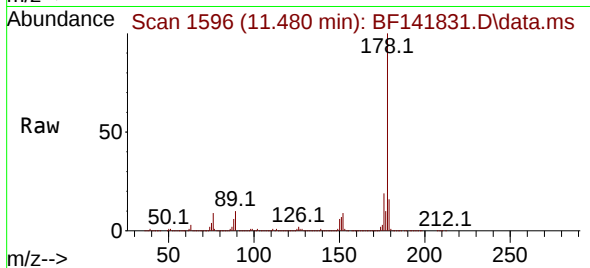
Tgt Ion:178 Resp: 1471378

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

179 15.7 12.8 19.2



#73

Carbazole

Concen: 6.717 ng

RT: 11.627 min Scan# 1621

Delta R.T. -0.012 min

Lab File: BF141831.D

Acq: 04 Mar 2025 17:16

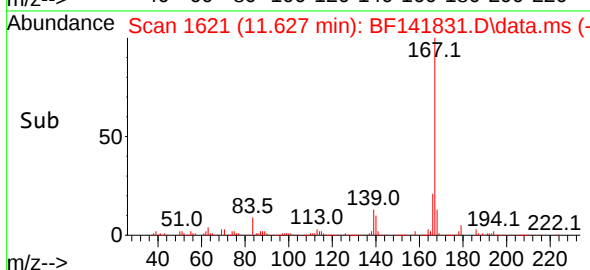
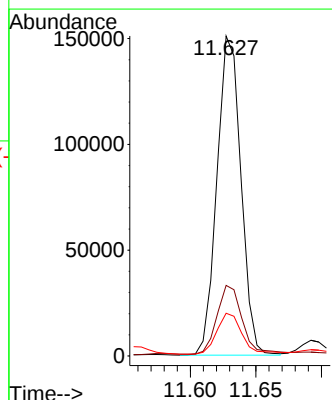
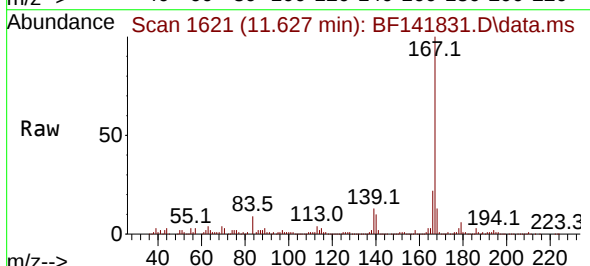
Tgt Ion:167 Resp: 191504

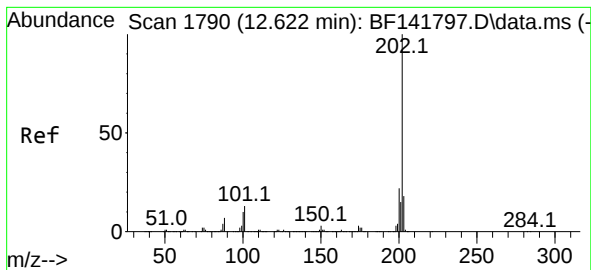
Ion Ratio Lower Upper

167 100

166 22.0 17.5 26.3

139 13.4 11.3 16.9





#75

Fluoranthene

Concen: 172.673 ng

RT: 12.627 min Scan# 1790

Delta R.T. 0.006 min

Lab File: BF141831.D

Acq: 04 Mar 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-1

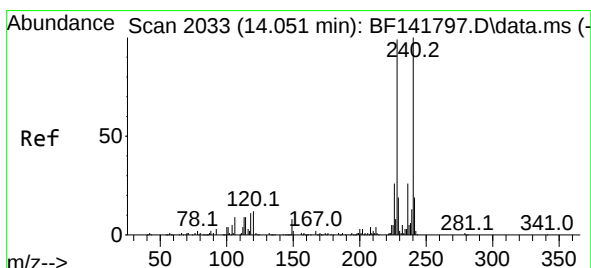
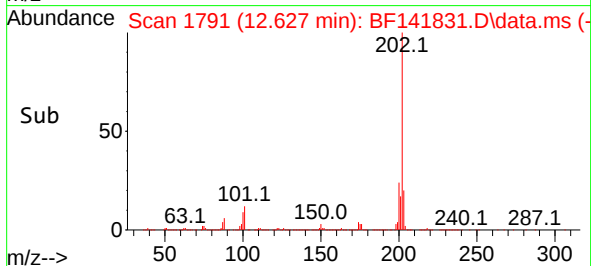
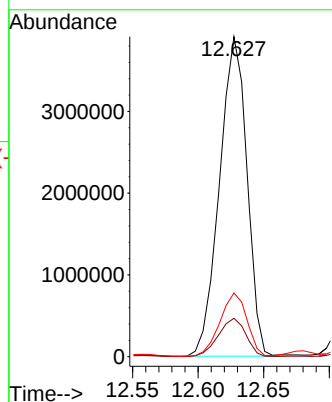
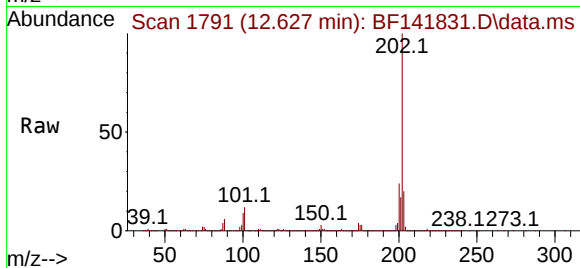
Tgt Ion:202 Resp: 5699273

Ion Ratio Lower Upper

202 100

101 12.0 0.0 32.8

203 19.9 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF141831.D

Acq: 04 Mar 2025 17:16

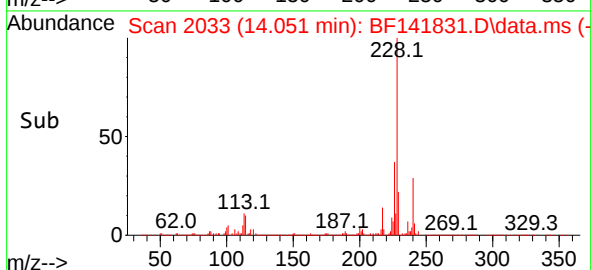
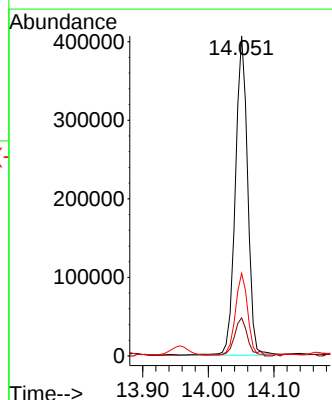
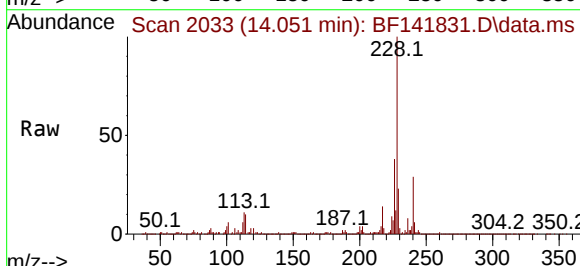
Tgt Ion:240 Resp: 528870

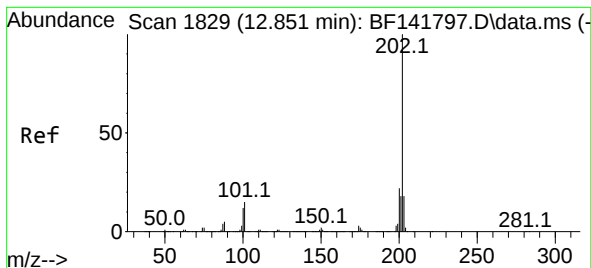
Ion Ratio Lower Upper

240 100

120 11.9 9.7 14.5

236 25.9 21.0 31.4





#78

Pyrene

Concen: 105.300 ng

RT: 12.857 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141831.D

Acq: 04 Mar 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-1

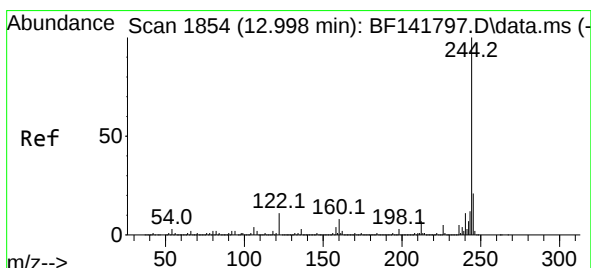
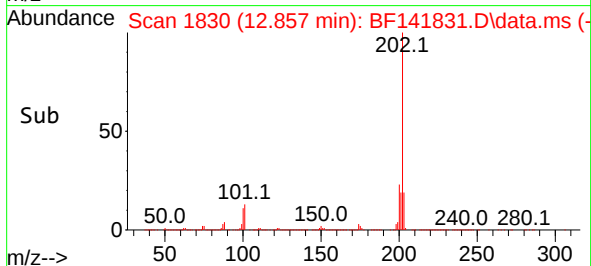
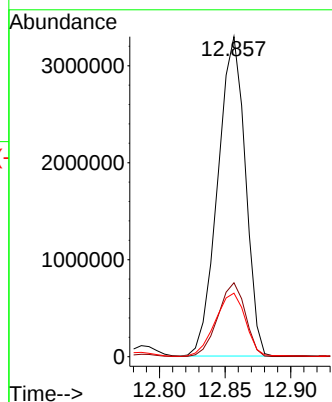
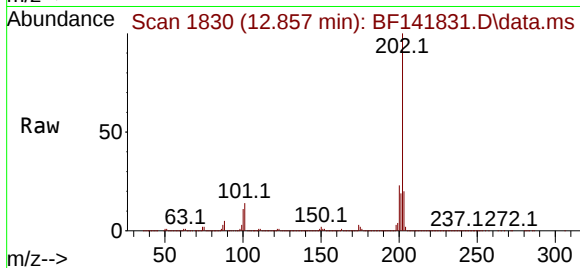
Tgt Ion:202 Resp: 4822393

Ion Ratio Lower Upper

202 100

200 23.1 17.4 26.0

203 19.8 14.6 22.0



#79

Terphenyl-d14

Concen: 22.569 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.012 min

Lab File: BF141831.D

Acq: 04 Mar 2025 17:16

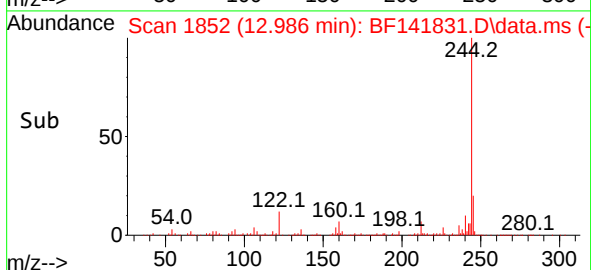
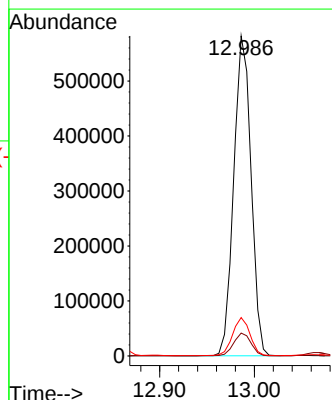
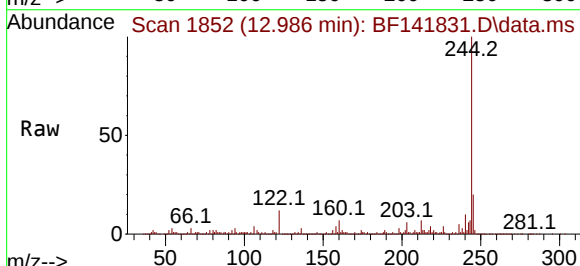
Tgt Ion:244 Resp: 737758

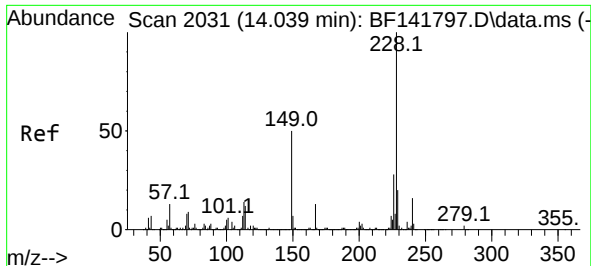
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 12.0 9.0 13.6

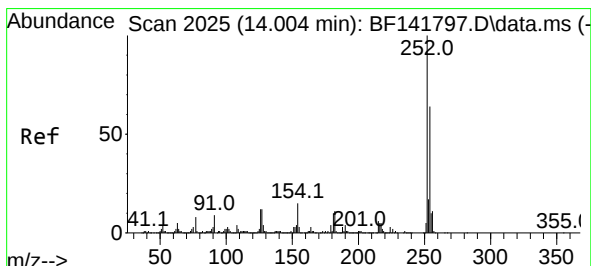
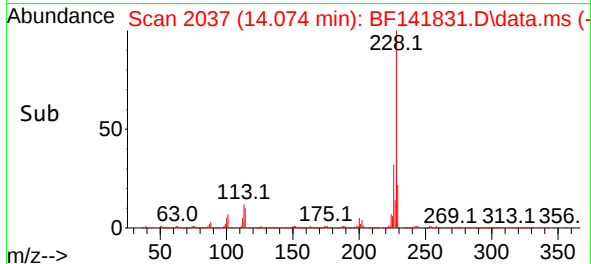
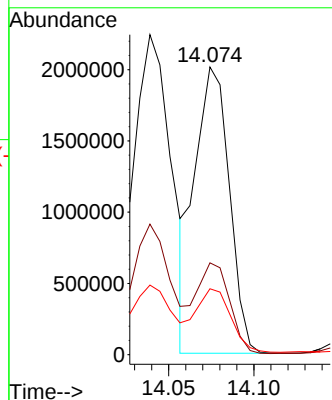
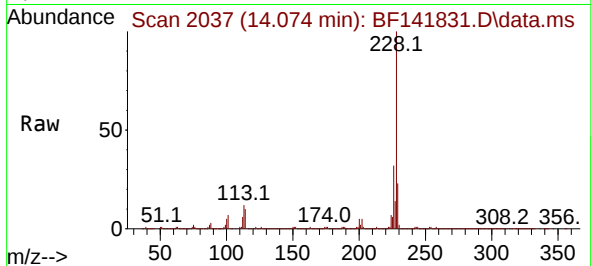




#81
Benzo(a)anthracene
Concen: 81.095 ng
RT: 14.074 min Scan# 2031
Delta R.T. 0.035 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

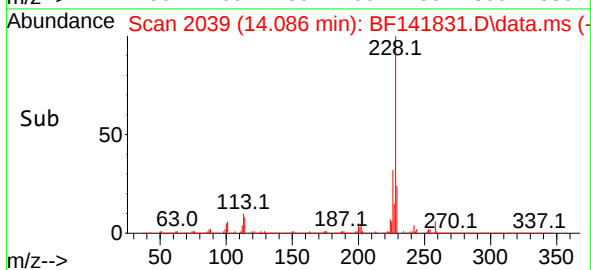
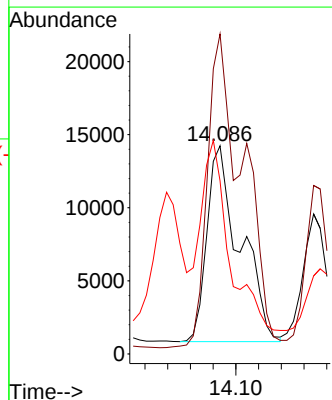
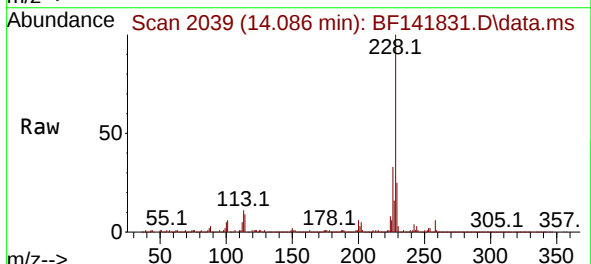
Instrument :
BNA_F
ClientSampleId :
TP-1

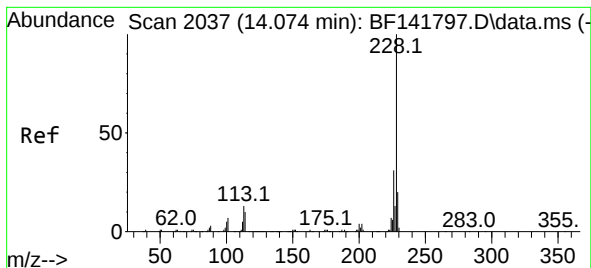
Tgt Ion:228 Resp: 2832888
Ion Ratio Lower Upper
228 100
226 32.0 22.1 33.1
229 22.9 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 2.699 ng
RT: 14.086 min Scan# 2039
Delta R.T. 0.082 min
Lab File: BF141831.D
Acq: 04 Mar 2025 17:16

Tgt Ion:252 Resp: 27052
Ion Ratio Lower Upper
252 100
254 153.7 51.4 77.0#
126 83.1 9.8 14.6#





#83

Chrysene

Concen: 87.973 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF141831.D

Acq: 04 Mar 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-1

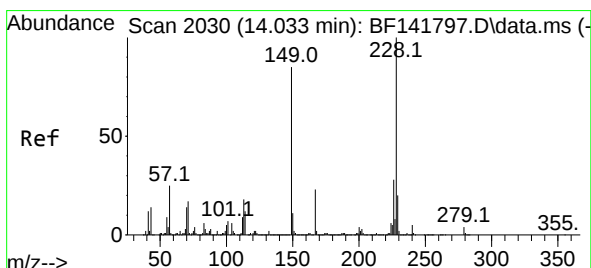
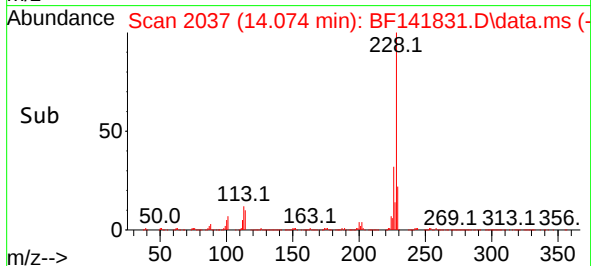
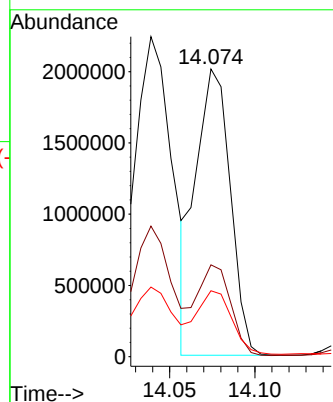
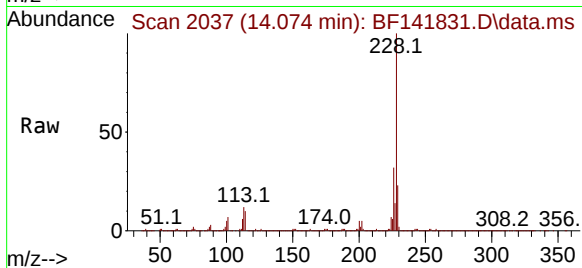
Tgt Ion:228 Resp: 2832888

Ion Ratio Lower Upper

228 100

226 32.0 24.6 37.0

229 22.9 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.296 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF141831.D

Acq: 04 Mar 2025 17:16

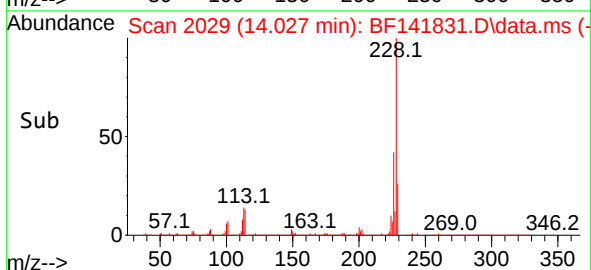
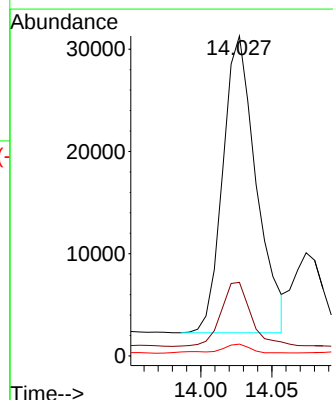
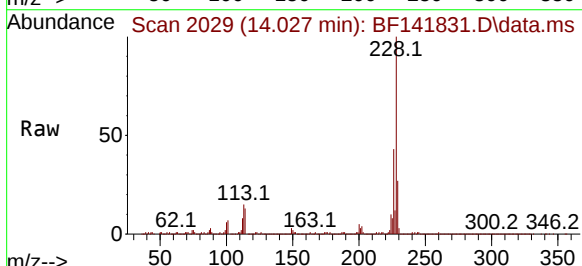
Tgt Ion:149 Resp: 47574

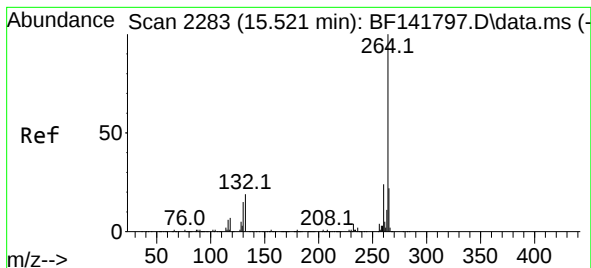
Ion Ratio Lower Upper

149 100

167 23.0 21.2 31.8

279 3.7 3.3 4.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141831.D

Acq: 04 Mar 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-1

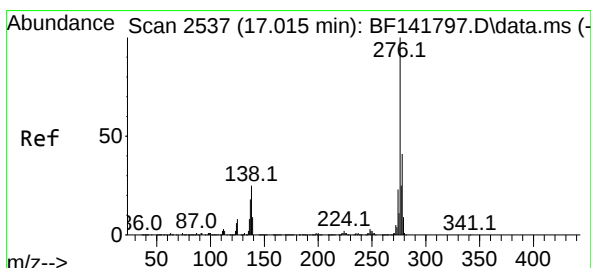
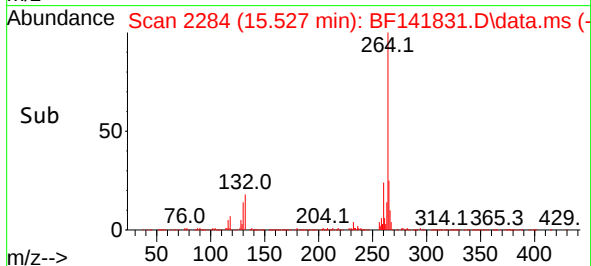
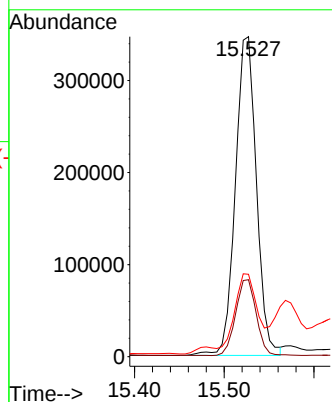
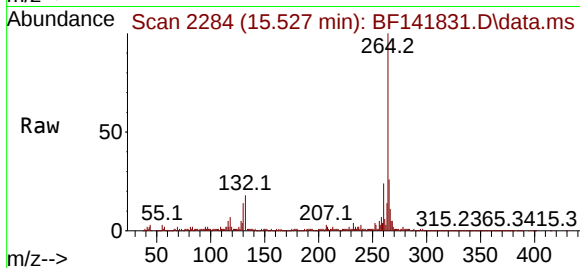
Tgt Ion:264 Resp: 564055

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 25.7 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 35.971 ng

RT: 17.015 min Scan# 2537

Delta R.T. -0.000 min

Lab File: BF141831.D

Acq: 04 Mar 2025 17:16

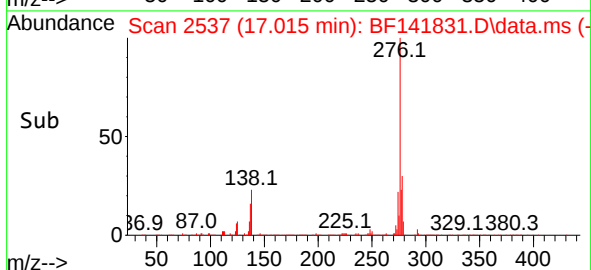
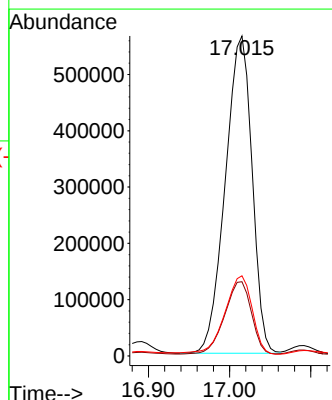
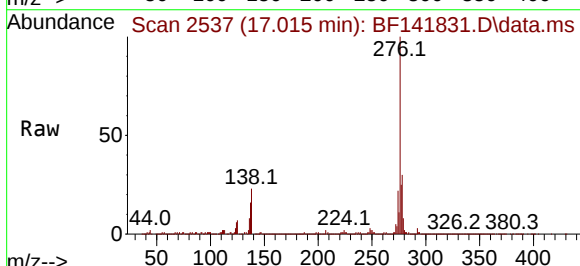
Tgt Ion:276 Resp: 1291972

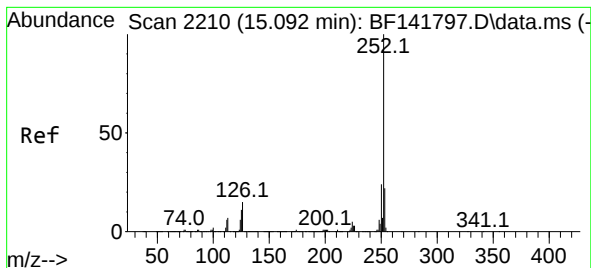
Ion Ratio Lower Upper

276 100

138 22.7 22.5 33.7

277 25.2 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 131.036 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.006 min

Lab File: BF141831.D

Acq: 04 Mar 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-1

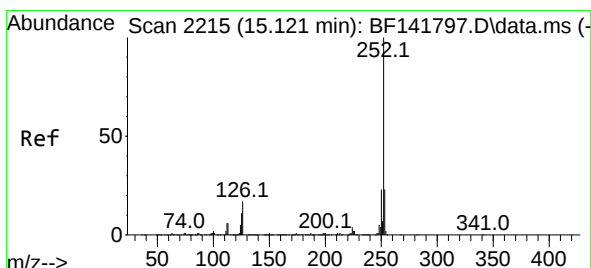
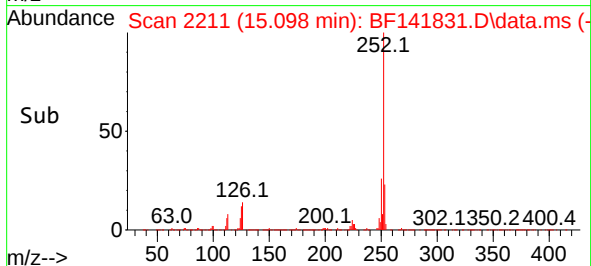
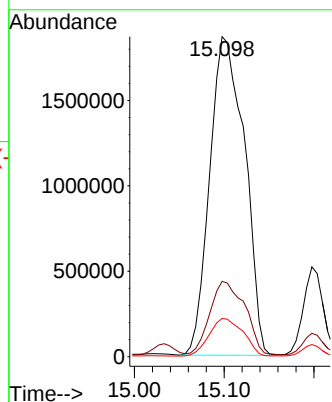
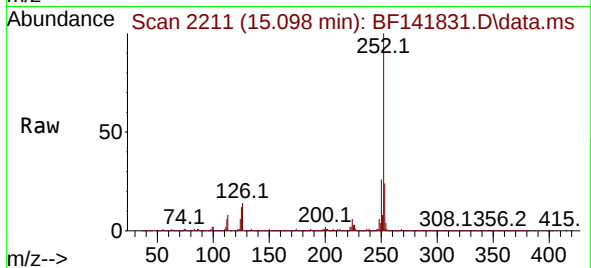
Tgt Ion:252 Resp: 5034658

Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

125 12.0 8.6 13.0



#89

Benzo(k)fluoranthene

Concen: 154.168 ng

RT: 15.098 min Scan# 2211

Delta R.T. -0.024 min

Lab File: BF141831.D

Acq: 04 Mar 2025 17:16

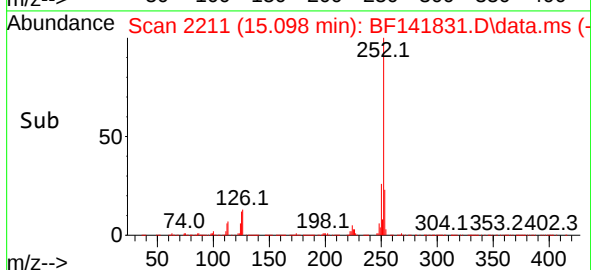
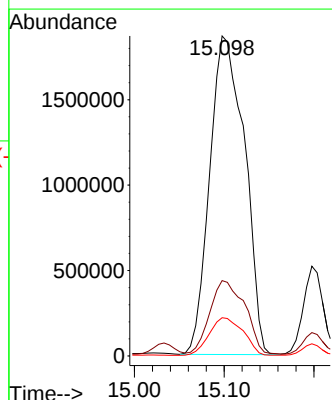
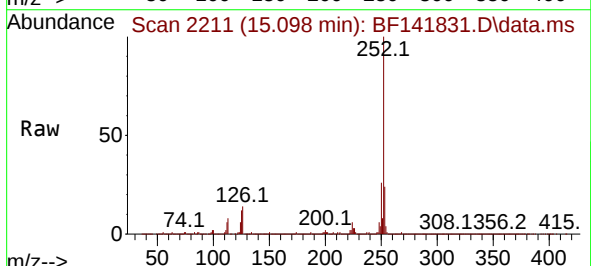
Tgt Ion:252 Resp: 5034658

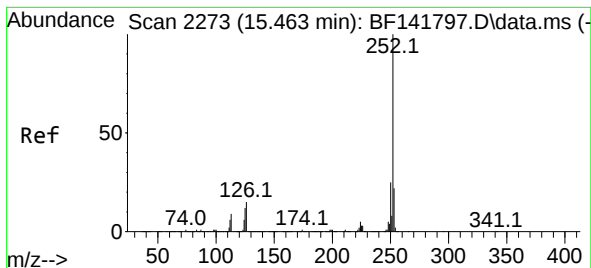
Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.8

125 12.0 8.8 13.2





#90

Benzo(a)pyrene

Concen: 86.784 ng

RT: 15.468 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141831.D

Acq: 04 Mar 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-1

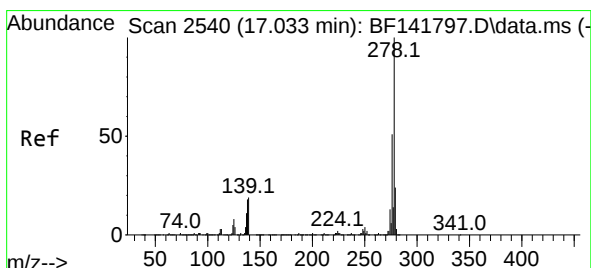
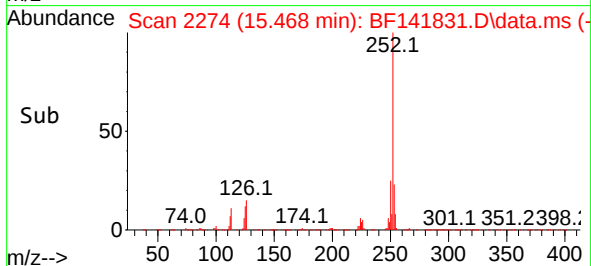
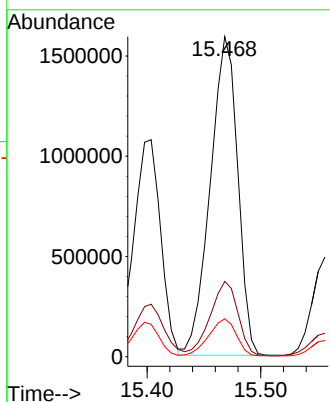
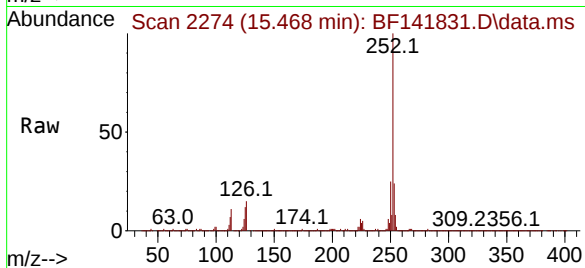
Tgt Ion:252 Resp: 2674130

Ion Ratio Lower Upper

252 100

253 23.5 17.5 26.3

125 11.8 9.4 14.2



#91

Dibenzo(a,h)anthracene

Concen: 12.860 ng

RT: 17.021 min Scan# 2538

Delta R.T. -0.012 min

Lab File: BF141831.D

Acq: 04 Mar 2025 17:16

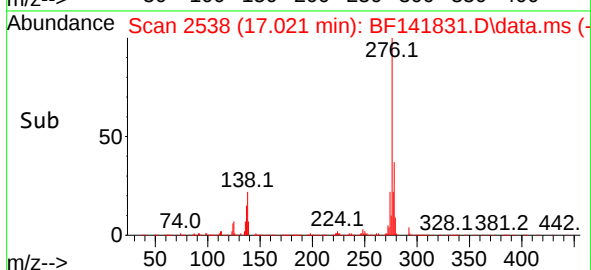
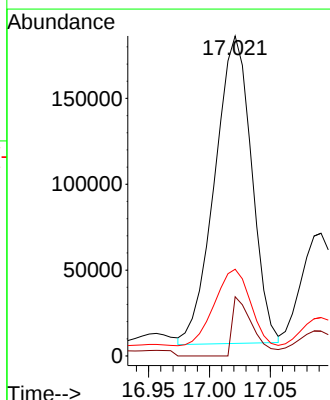
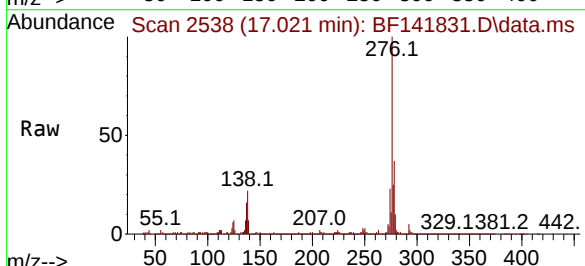
Tgt Ion:278 Resp: 377016

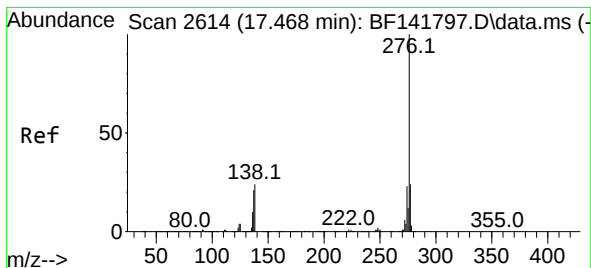
Ion Ratio Lower Upper

278 100

139 18.5 14.9 22.3

279 27.1 19.3 28.9





#92

Benzo(g,h,i)perylene

Concen: 37.493 ng

RT: 17.468 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141831.D

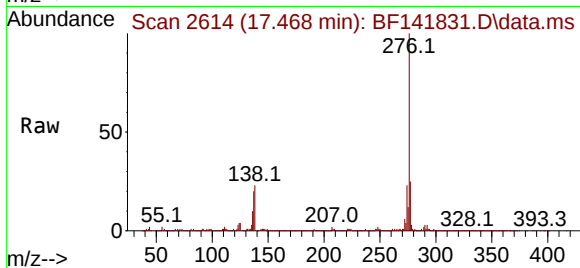
Acq: 04 Mar 2025 17:16

Instrument :

BNA_F

ClientSampleId :

TP-1



Tgt Ion:276 Resp: 1126102

Ion Ratio Lower Upper

276 100

277 24.5 19.4 29.0

138 23.4 19.3 28.9

