

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142172.D
 Acq On : 28 Mar 2025 21:00
 Operator : RC/JU
 Sample : Q1656-01 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ239

Quant Time: Mar 28 22:49:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	113649	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	379060	20.000	ng	#-0.01
39) Acenaphthene-d10	9.928	164	172637	20.000	ng	0.01
64) Phenanthrene-d10	11.457	188	209405	20.000	ng	# 0.05
76) Chrysene-d12	14.074	240	231146	20.000	ng	# 0.04
86) Perylene-d12	15.527	264	178143	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	368820	54.162	ng	-0.01
7) Phenol-d6	6.493	99	435033	50.176	ng	-0.01
23) Nitrobenzene-d5	7.428	82	268885	39.919	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	134122	61.239	ng	0.03
45) 2-Fluorobiphenyl	9.228	172	454976	40.080	ng	-0.01
79) Terphenyl-d14	13.045	244	511460	32.714	ng	0.06
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	41192	7.394	ng	# 79
25) Isophorone	7.428	82	257119	21.595	ng	# 65
32) Benzoic acid	7.875	122	9988	2.511	ng	# 42
36) 4-Chloro-3-methylphenol	8.687	107	14120	2.254	ng	# 28
48) 2-Nitroaniline	9.386	65	11674	4.124	ng	# 53
49) Acenaphthylene	9.786	152	107406	7.403	ng	# 10
50) Dimethylphthalate	9.604	163	24806	2.052	ng	# 32
51) 2,6-Dinitrotoluene	9.722	165	28582	11.355	ng	# 35
52) Acenaphthene	9.957	154	92093	9.032	ng	# 77
53) 3-Nitroaniline	9.881	138	35678	13.973	ng	# 26
54) 2,4-Dinitrophenol	9.975	184	4525	9.477	ng	# 1
56) 4-Nitrophenol	10.039	139	14398	7.478	ng	# 1
57) 2,4-Dinitrotoluene	10.104	165	11131	3.386	ng	# 47
58) Fluorene	10.486	166	214646	19.105	ng	# 49
60) Diethylphthalate	10.357	149	55022	4.564	ng	# 1
61) 4-Chlorophenyl-phenyle...	10.498	204	38656	6.600	ng	# 1
62) 4-Nitroaniline	10.398	138	65716	26.437	ng	# 93
63) Azobenzene	10.645	77	45359	4.047	ng	# 9
65) 4,6-Dinitro-2-methylph...	10.557	198	8471	6.786	ng	# 1
66) n-Nitrosodiphenylamine	10.610	169	161609	23.849	ng	# 61
67) 4-Bromophenyl-phenylether	10.922	248	7621	2.898	ng	# 1
69) Atrazine	11.175	200	48629	23.409	ng	# 1
70) Pentachlorophenol	11.304	266	36669	20.634	ng	# 22
71) Phenanthrene	11.480	178	551878	48.793	ng	# 58
72) Anthracene	11.533	178	167086	14.724	ng	# 17
74) Di-n-butylphthalate	12.022	149	115323	8.881	ng	# 25
75) Fluoranthene	12.692	202	345709	28.814	ng	# 72
77) Benzidine	12.751	184	18542	5.750	ng	# 1
80) Butylbenzylphthalate	13.233	149	57566	7.356	ng	# 58
81) Benzo(a)anthracene	14.063	228	188376	12.419	ng	# 82
83) Chrysene	14.098	228	173158	12.594	ng	# 90
84) Bis(2-ethylhexyl)phtha...	14.027	149	70244	6.510	ng	# 72
87) Indeno(1,2,3-cd)pyrene	17.004	276	44029	3.821	ng	# 96
88) Benzo(b)fluoranthene	15.098	252	162878	13.341	ng	# 85
89) Benzo(k)fluoranthene	15.098	252	162878	15.589	ng	# 86
90) Benzo(a)pyrene	15.463	252	97145	10.169	ng	# 91

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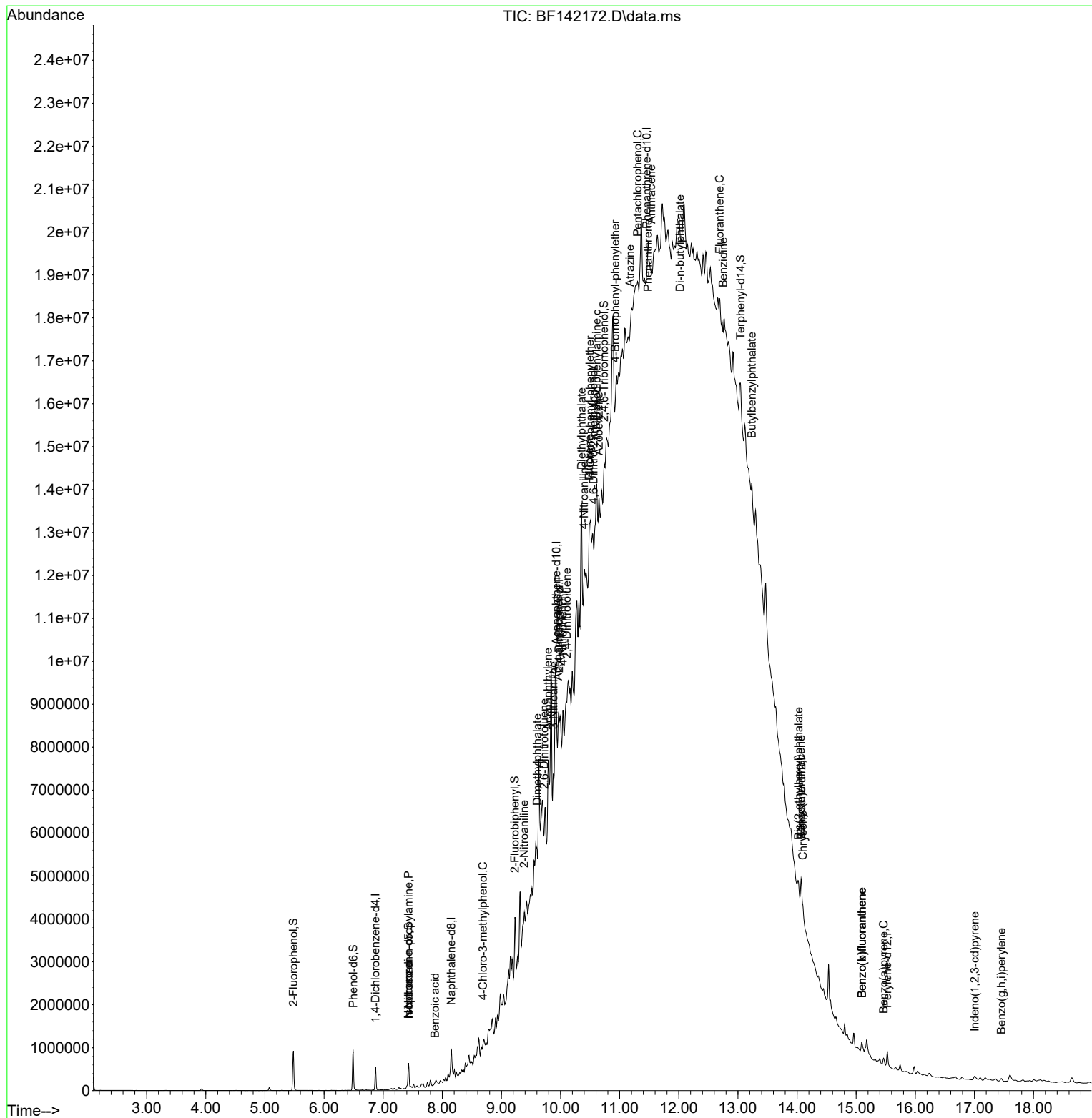
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Benzo(g,h,i)perylene	17.457	276	44416	4.727	ng	97

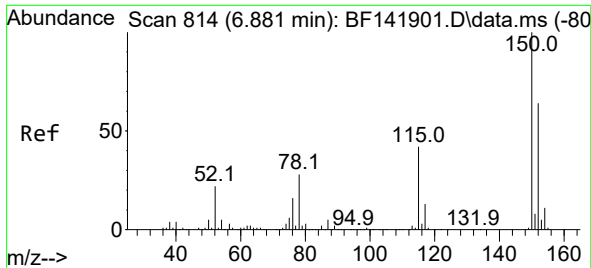
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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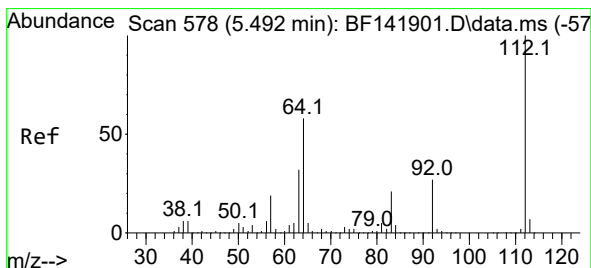
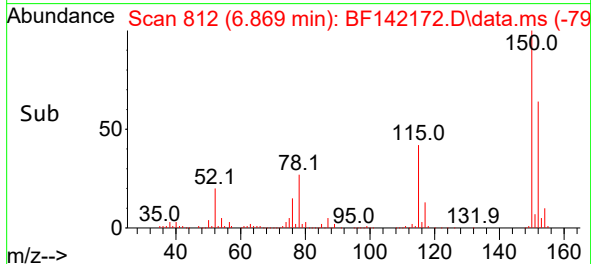
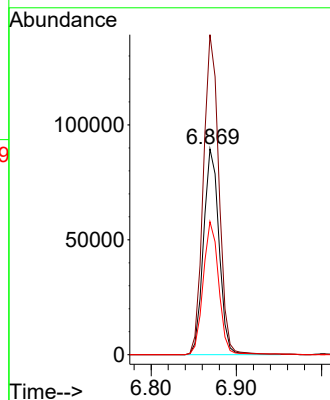
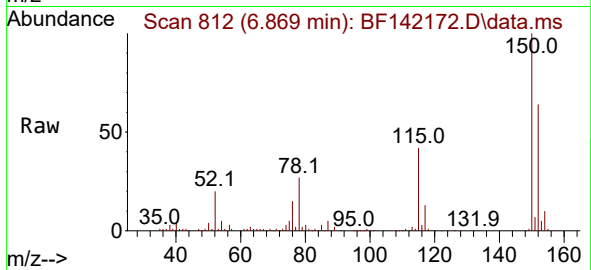




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

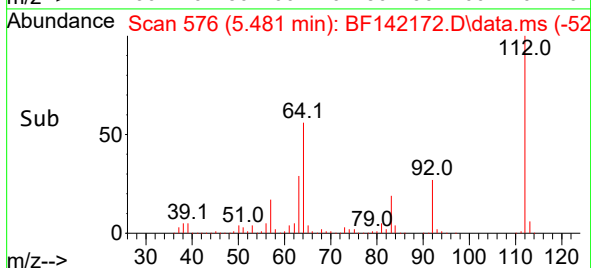
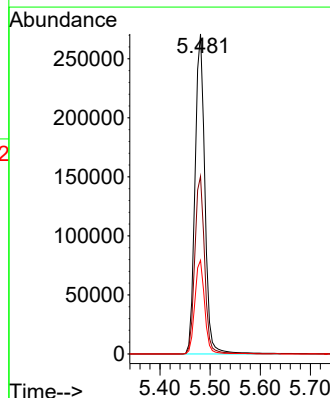
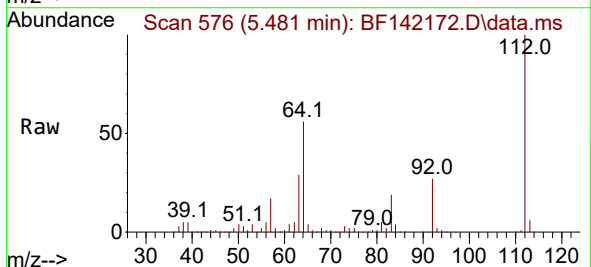
Instrument :
BNA_F
ClientSampleId :
VNJ239

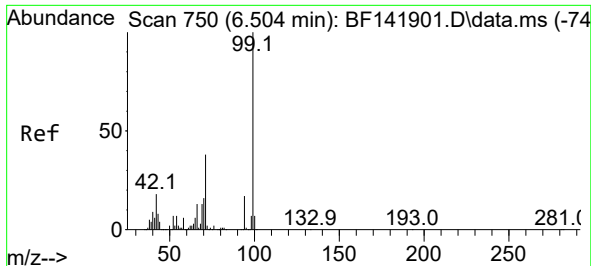
Tgt Ion:152 Resp: 113649
Ion Ratio Lower Upper
152 100
150 155.5 127.4 191.2
115 64.6 51.9 77.9



#5
2-Fluorophenol
Concen: 54.162 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

Tgt Ion:112 Resp: 368820
Ion Ratio Lower Upper
112 100
64 55.5 46.5 69.7
63 29.2 25.4 38.2

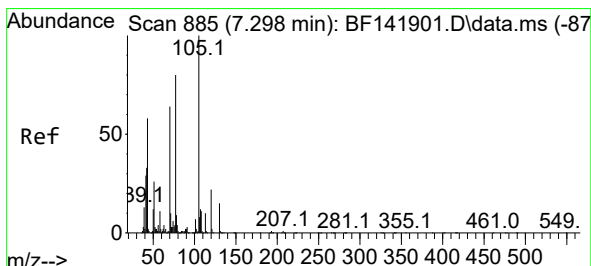
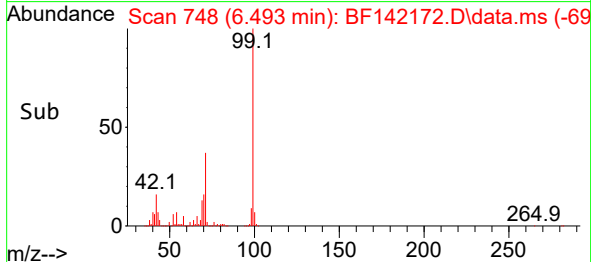
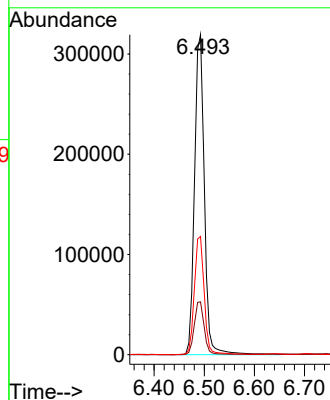
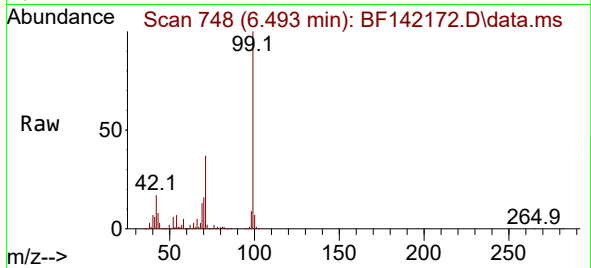




#7
Phenol-d6
Concen: 50.176 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

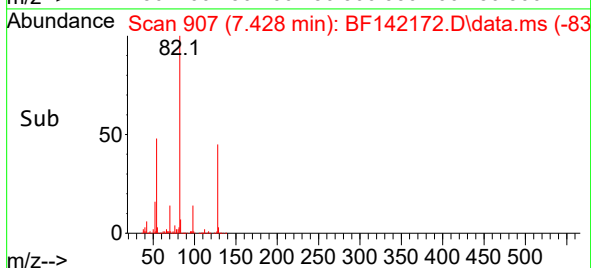
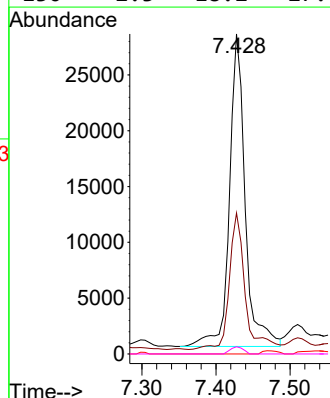
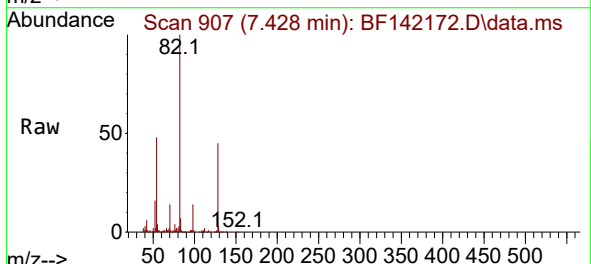
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ClientSampleId :
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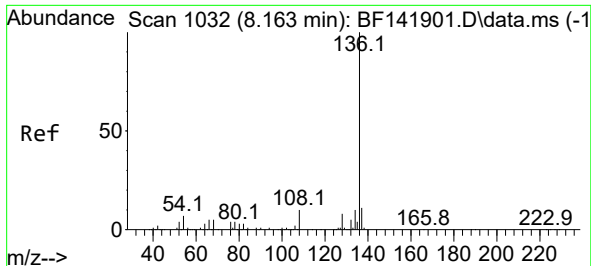
Tgt Ion: 99 Resp: 435033
Ion Ratio Lower Upper
99 100
42 16.5 14.6 21.8
71 36.9 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 7.394 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.130 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

Tgt Ion: 70 Resp: 41192
Ion Ratio Lower Upper
70 100
42 44.1 41.4 62.0
101 0.0 8.2 12.2#
130 2.3 18.2 27.4#

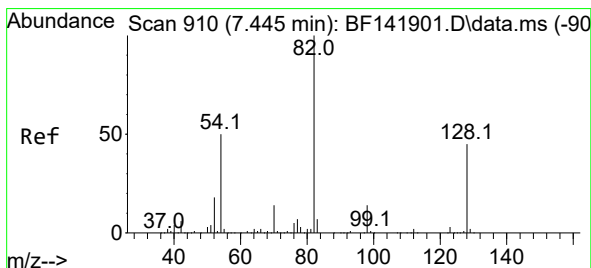
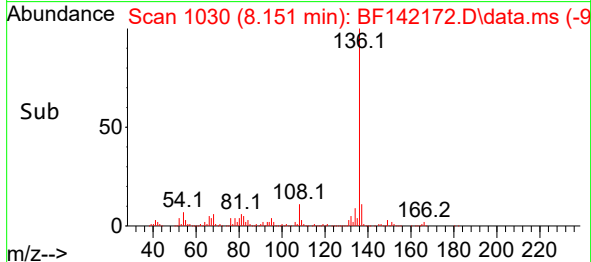
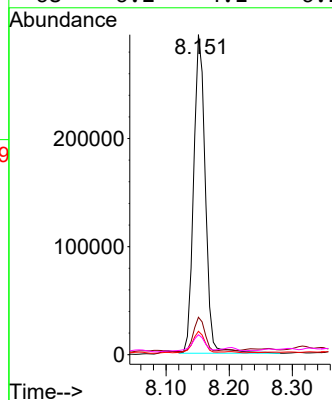
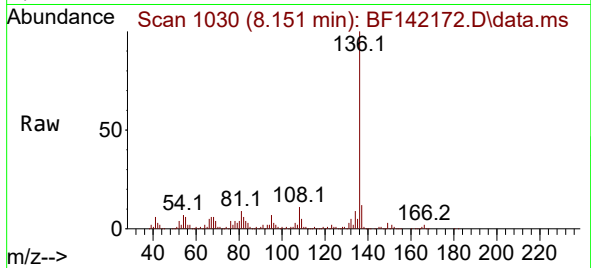




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

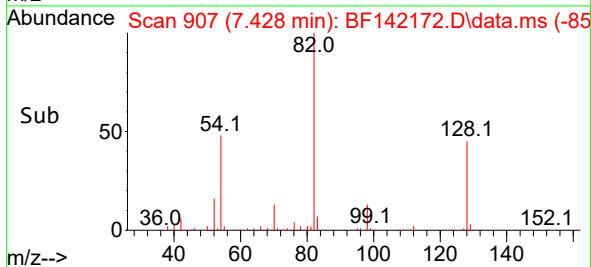
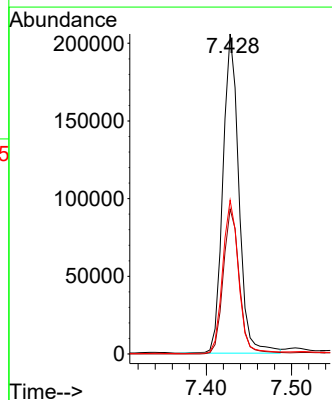
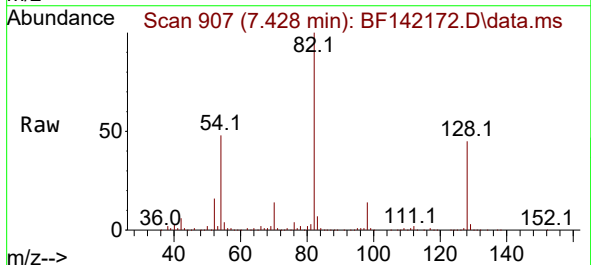
Instrument :
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ClientSampleId :
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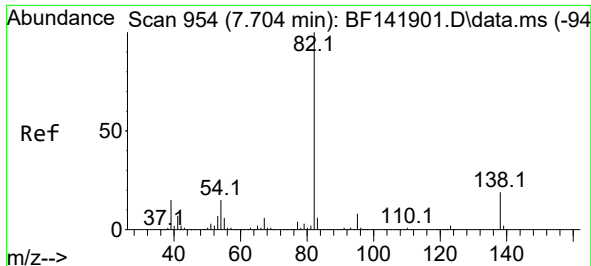
Tgt Ion:136 Resp: 379060
Ion Ratio Lower Upper
136 100
137 11.7 8.8 13.2
54 7.3 5.8 8.8
68 6.2 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 39.919 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.017 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

Tgt Ion: 82 Resp: 268885
Ion Ratio Lower Upper
82 100
128 45.3 36.0 54.0
54 48.1 39.6 59.4

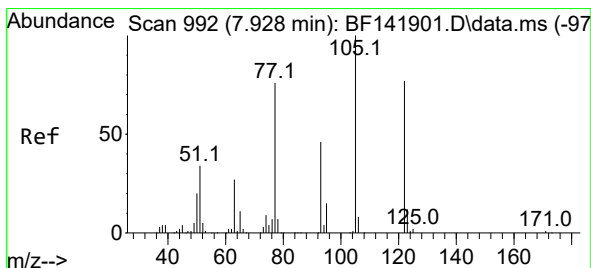
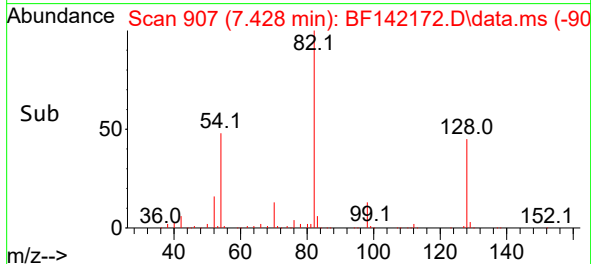
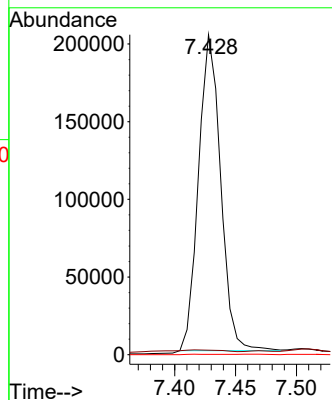
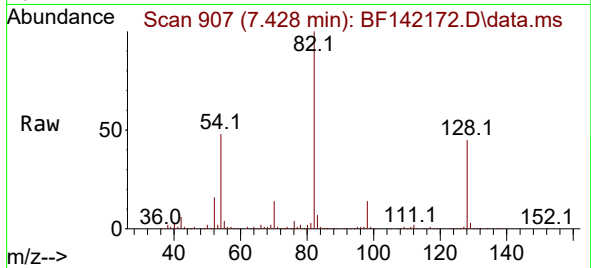




#25
Isophorone
Concen: 21.595 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.276 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

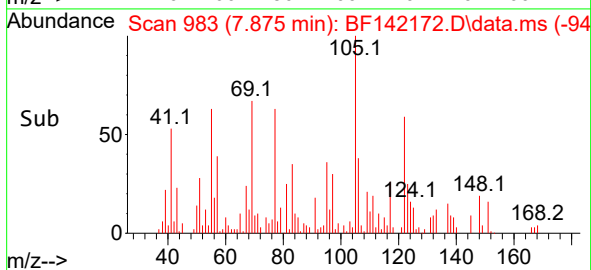
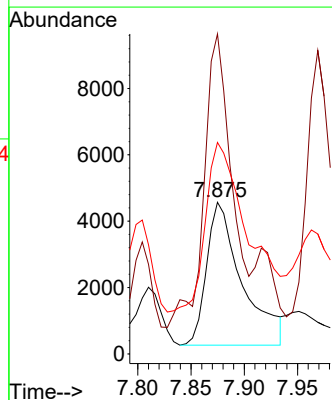
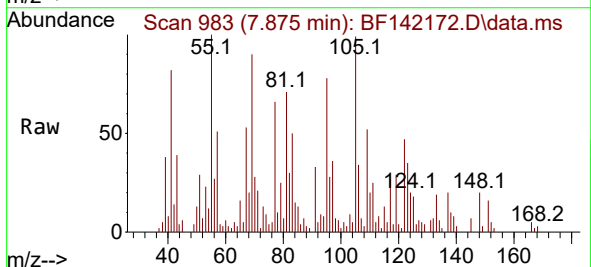
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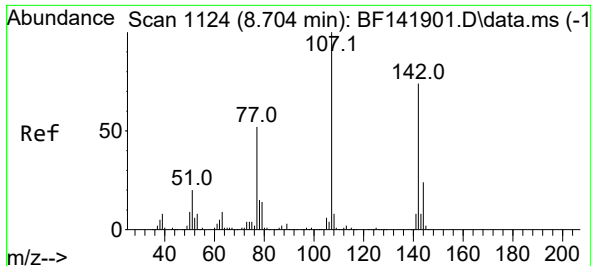
Tgt Ion: 82 Resp: 257119
Ion Ratio Lower Upper
82 100
95 1.4 6.4 9.6#
138 0.1 14.9 22.3#



#32
Benzoic acid
Concen: 2.511 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.053 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

Tgt Ion:122 Resp: 9988
Ion Ratio Lower Upper
122 100
105 211.0 107.9 147.9#
77 139.5 79.0 119.0#

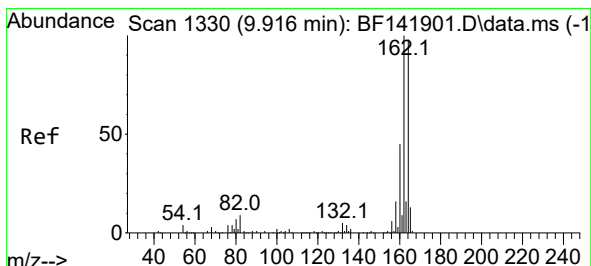
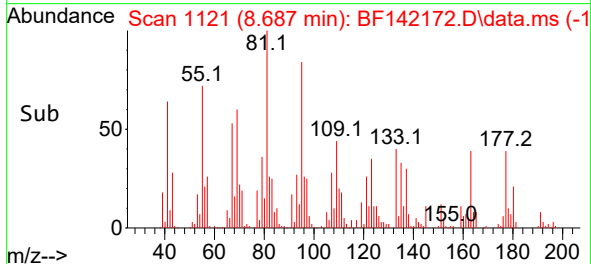
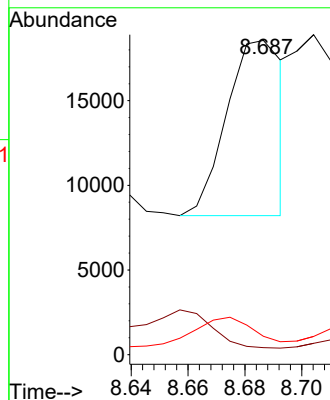
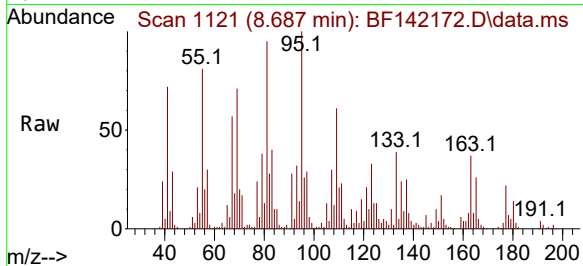




#36
4-Chloro-3-methylphenol
Concen: 2.254 ng
RT: 8.687 min Scan# 1124
Delta R.T. -0.017 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

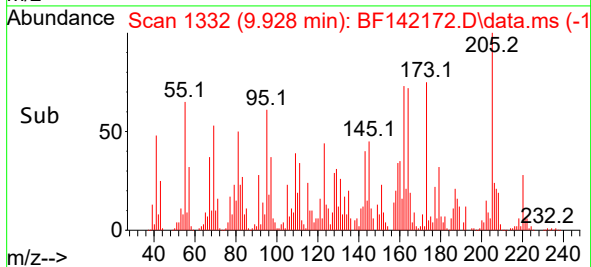
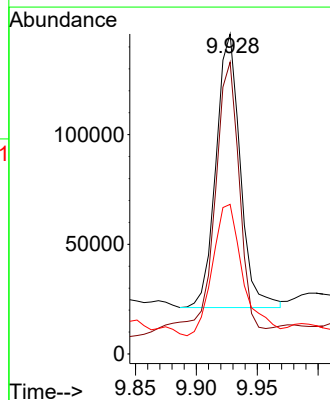
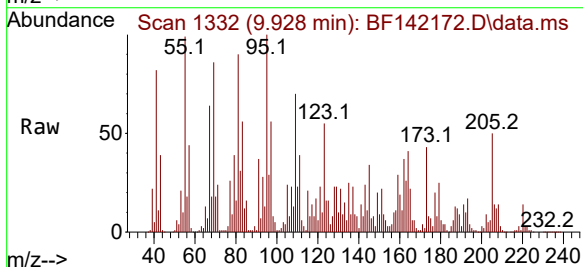
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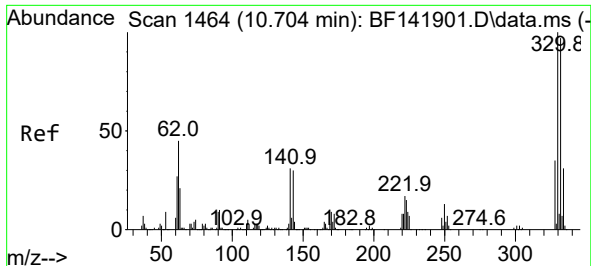
Tgt Ion:107 Resp: 14120
Ion Ratio Lower Upper
107 100
144 2.2 19.0 28.6#
142 5.8 59.2 88.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.012 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

Tgt Ion:164 Resp: 172637
Ion Ratio Lower Upper
164 100
162 91.2 81.8 122.6
160 46.7 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 61.239 ng

RT: 10.733 min Scan# 1469

Delta R.T. 0.030 min

Lab File: BF142172.D

Acq: 28 Mar 2025 21:00

Instrument :

BNA_F

ClientSampleId :

VNJ239

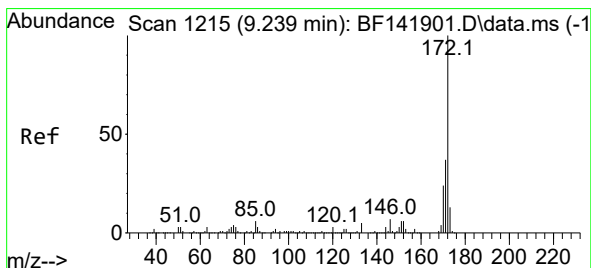
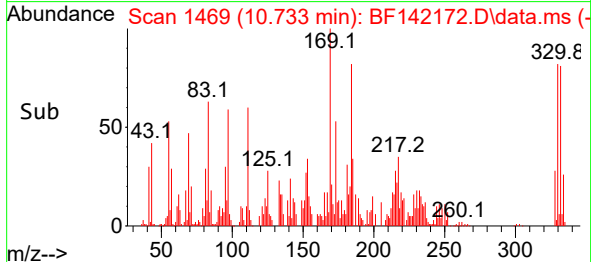
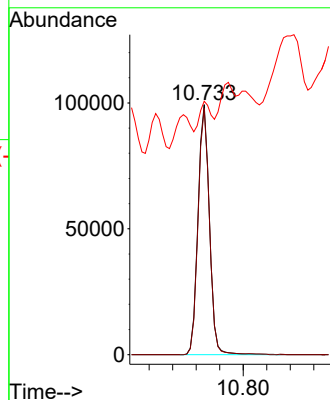
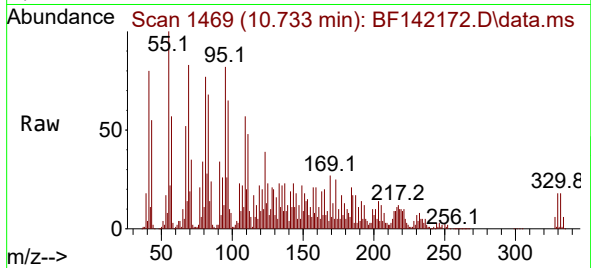
Tgt Ion:330 Resp: 134122

Ion Ratio Lower Upper

330 100

332 98.1 77.6 116.4

141 11.9 24.7 37.1#



#45

2-Fluorobiphenyl

Concen: 40.080 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142172.D

Acq: 28 Mar 2025 21:00

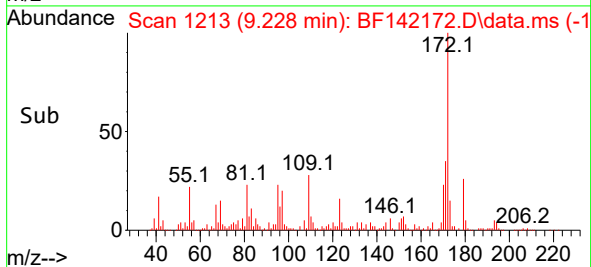
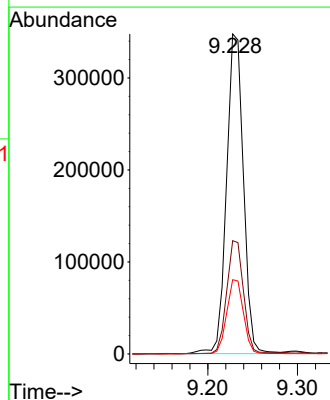
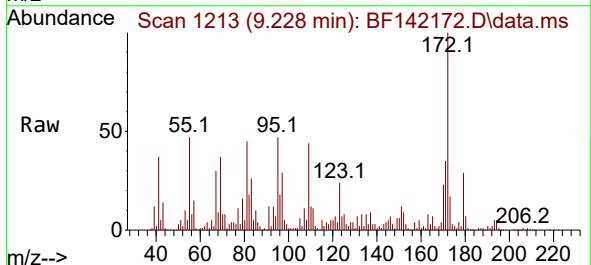
Tgt Ion:172 Resp: 454976

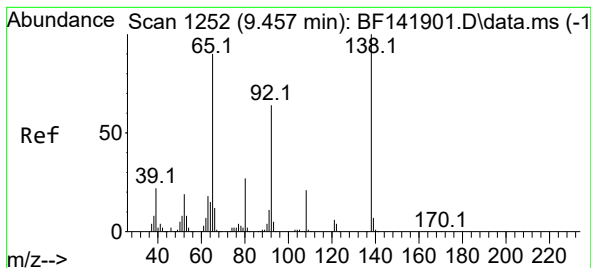
Ion Ratio Lower Upper

172 100

171 35.4 29.3 43.9

170 23.2 19.4 29.0





#48

2-Nitroaniline

Concen: 4.124 ng

RT: 9.386 min Scan# 11

Delta R.T. -0.070 min

Lab File: BF142172.D

Acq: 28 Mar 2025 21:00

Instrument :

BNA_F

ClientSampleId :

VNJ239

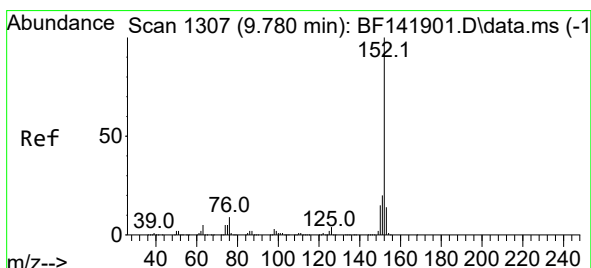
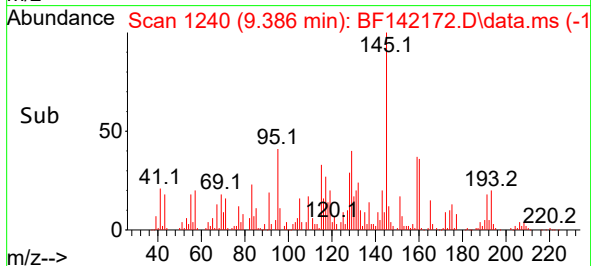
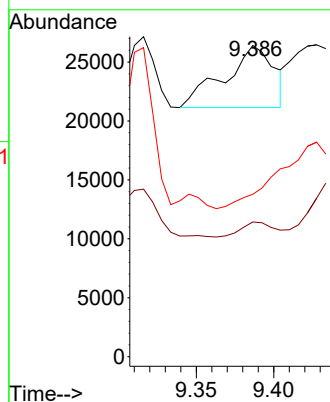
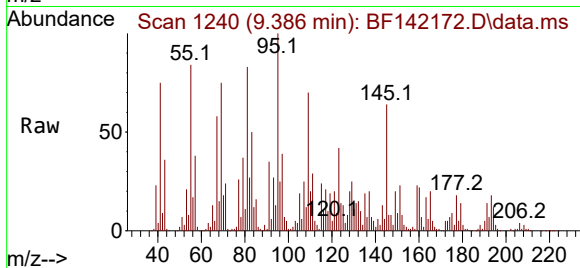
Tgt Ion: 65 Resp: 11674

Ion Ratio Lower Upper

65 100

92 43.3 56.6 84.8#

138 52.2 88.6 133.0#



#49

Acenaphthylene

Concen: 7.403 ng

RT: 9.786 min Scan# 1308

Delta R.T. 0.006 min

Lab File: BF142172.D

Acq: 28 Mar 2025 21:00

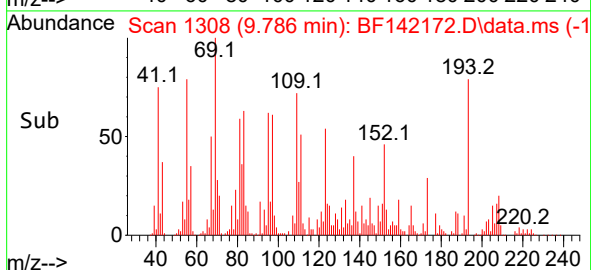
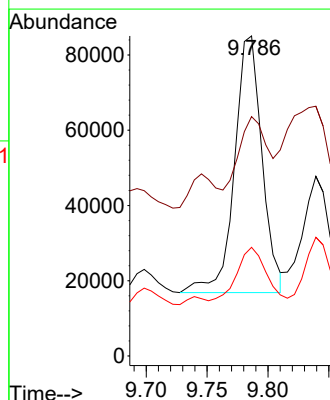
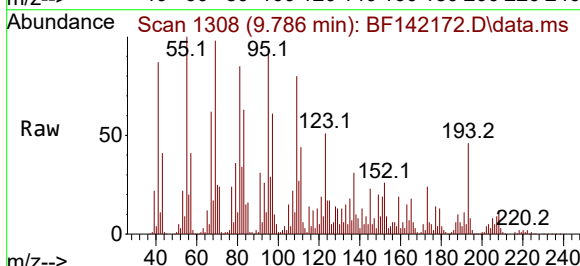
Tgt Ion:152 Resp: 107406

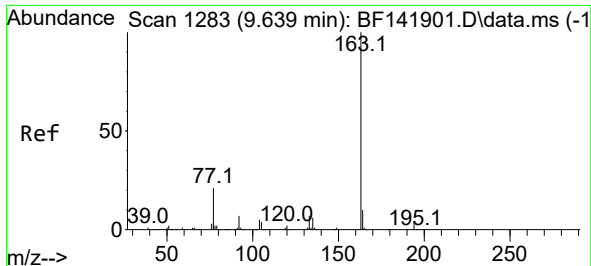
Ion Ratio Lower Upper

152 100

151 74.8 16.3 24.5#

153 34.0 11.1 16.7#

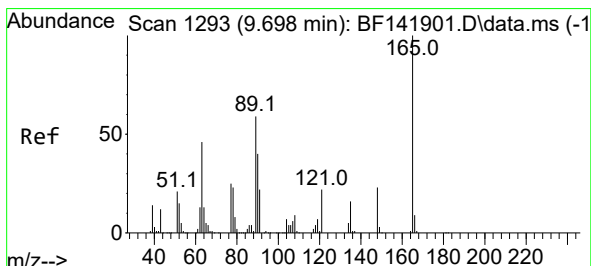
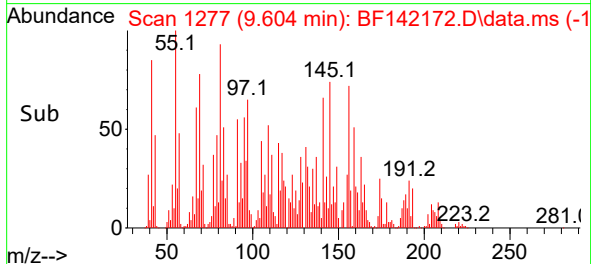
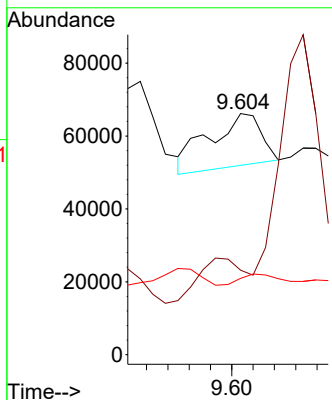
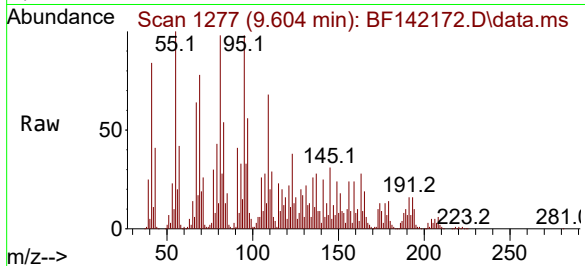




#50
Dimethylphthalate
Concen: 2.052 ng
RT: 9.604 min Scan# 11
Delta R.T. -0.035 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

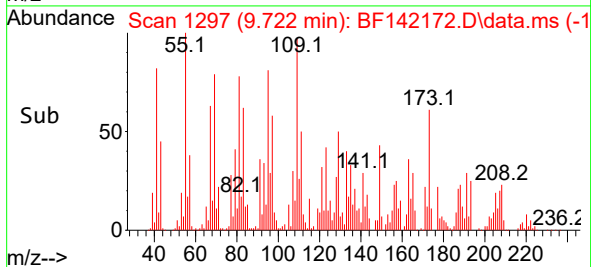
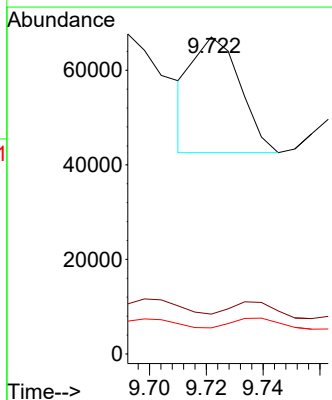
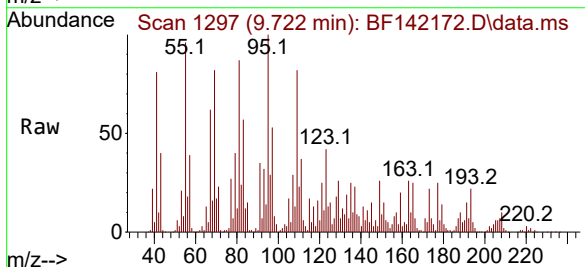
Instrument :
BNA_F
ClientSampleId :
VNJ239

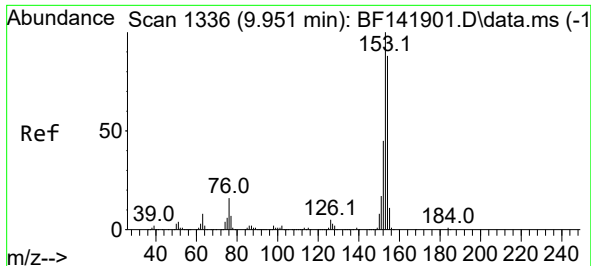
Tgt Ion:163 Resp: 24806
Ion Ratio Lower Upper
163 100
194 35.0 3.1 4.7#
164 31.7 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 11.355 ng
RT: 9.722 min Scan# 1297
Delta R.T. 0.024 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

Tgt Ion:165 Resp: 28582
Ion Ratio Lower Upper
165 100
63 12.6 47.0 70.4#
89 8.2 47.4 71.2#

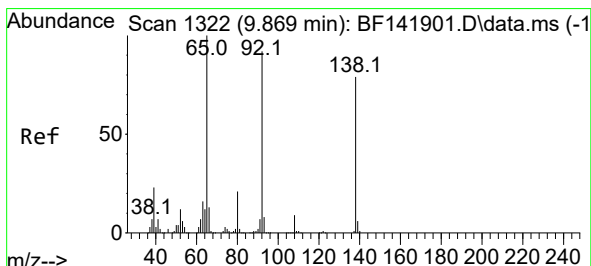
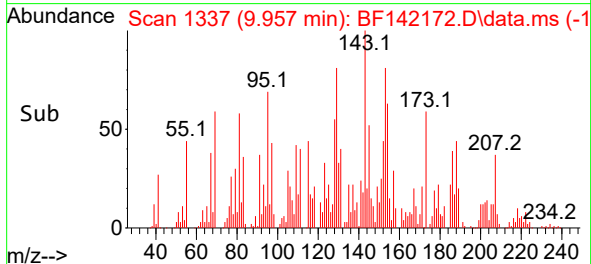
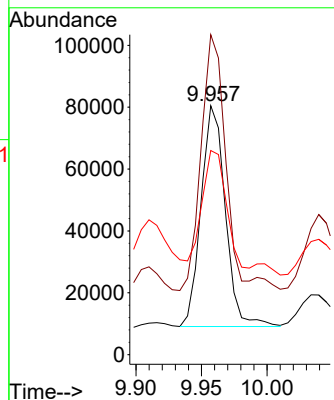
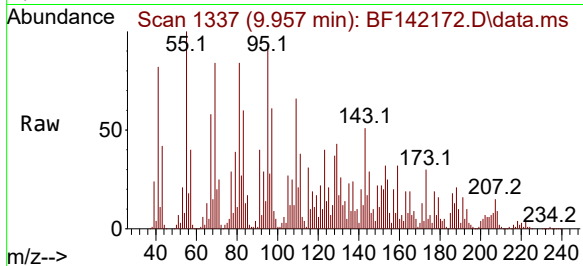




#52
Acenaphthene
Concen: 9.032 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

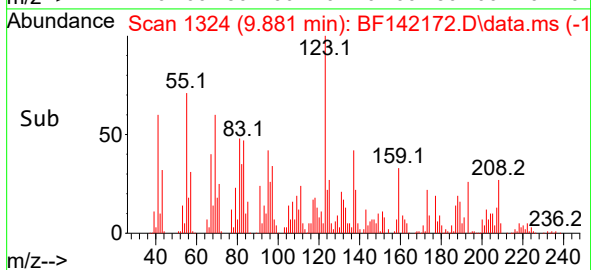
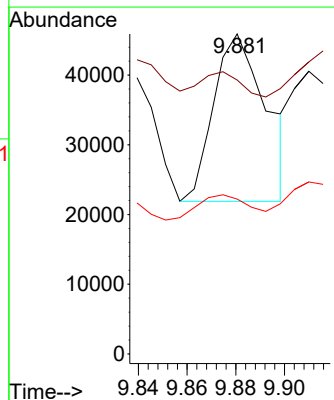
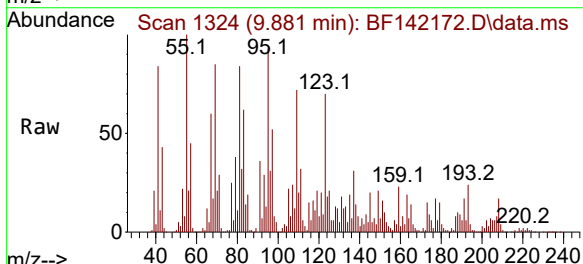
Instrument :
BNA_F
ClientSampleId :
VNJ239

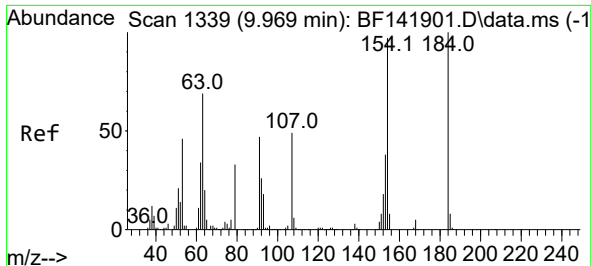
Tgt Ion:154 Resp: 92093
Ion Ratio Lower Upper
154 100
153 128.6 90.7 136.1
152 82.0 41.1 61.7#



#53
3-Nitroaniline
Concen: 13.973 ng
RT: 9.881 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

Tgt Ion:138 Resp: 35678
Ion Ratio Lower Upper
138 100
108 85.6 9.3 13.9#
92 48.4 93.5 140.3#

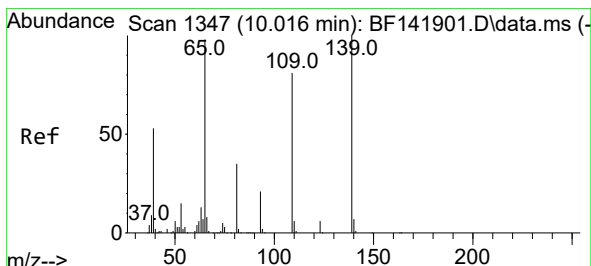
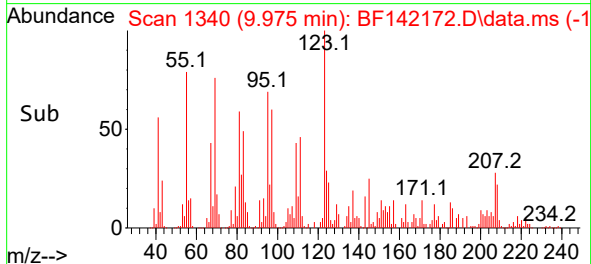
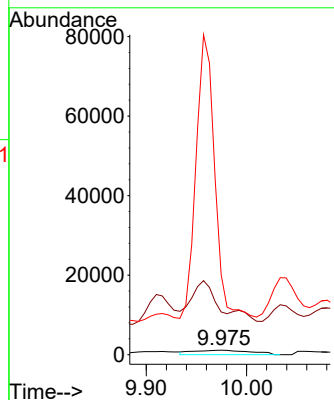
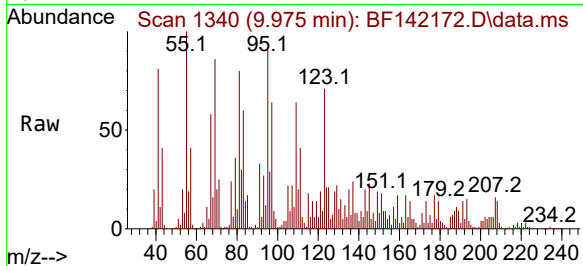




#54
2,4-Dinitrophenol
Concen: 9.477 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

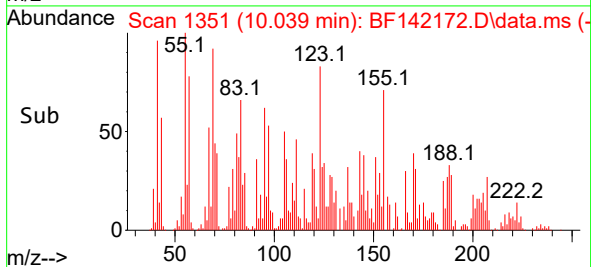
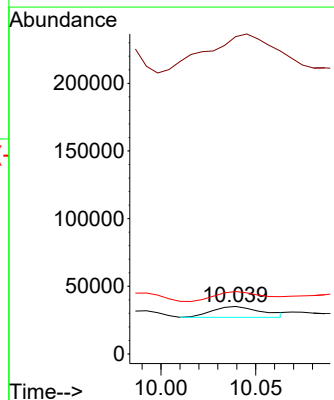
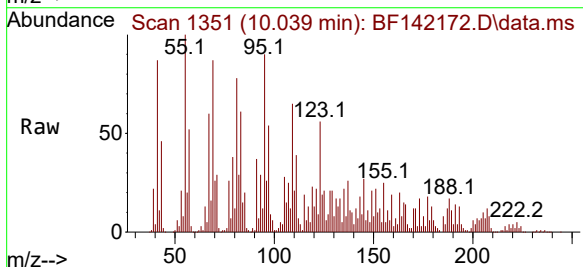
Instrument :
BNA_F
ClientSampleId :
VNJ239

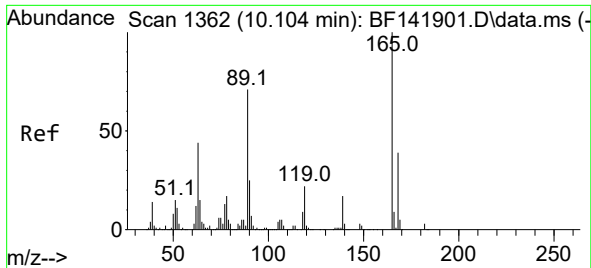
Tgt Ion:184 Resp: 4525
Ion Ratio Lower Upper
184 100
63 934.5 60.2 90.4#
154 1751.8 132.9 199.3#



#56
4-Nitrophenol
Concen: 7.478 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.024 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

Tgt Ion:139 Resp: 14398
Ion Ratio Lower Upper
139 100
109 668.1 61.6 101.6#
65 131.4 79.4 119.4#

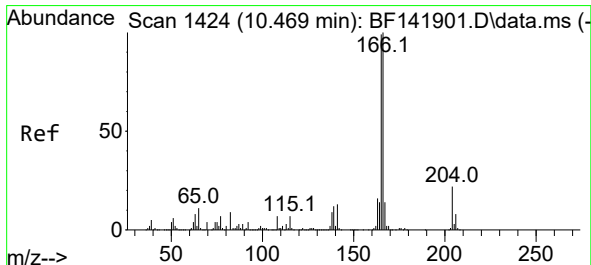
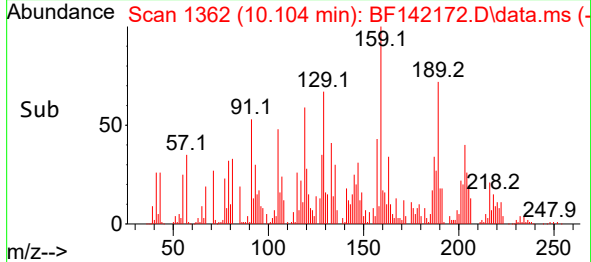
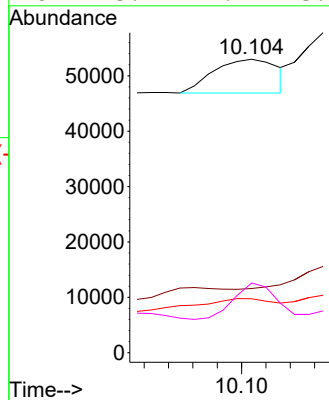
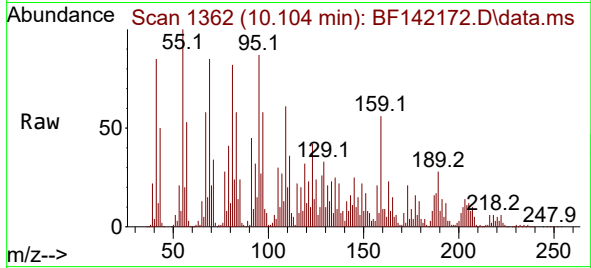




#57
2,4-Dinitrotoluene
Concen: 3.386 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

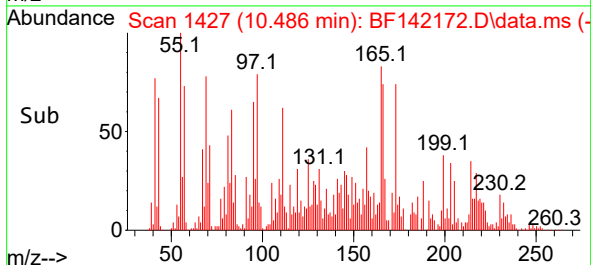
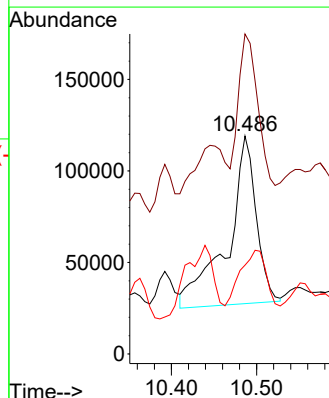
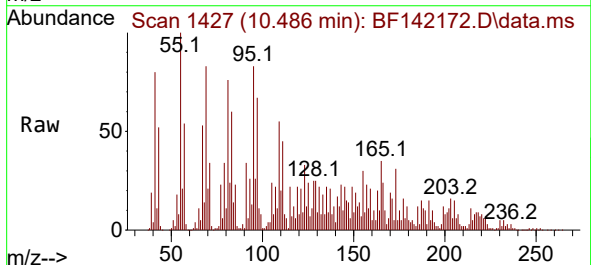
Instrument :
BNA_F
ClientSampleId :
VNJ239

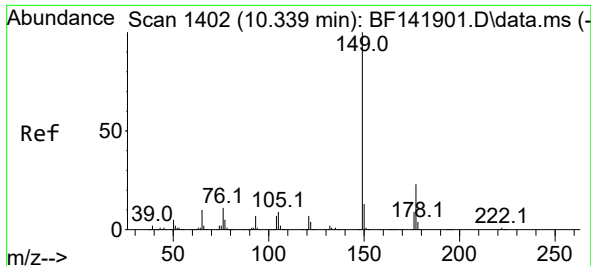
Tgt Ion:165 Resp: 11131
Ion Ratio Lower Upper
165 100
63 21.9 35.4 53.2#
89 18.4 56.6 84.8#
182 23.7 2.2 3.4#



#58
Fluorene
Concen: 19.105 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.018 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

Tgt Ion:166 Resp: 214646
Ion Ratio Lower Upper
166 100
165 146.8 79.0 118.4#
167 40.8 11.0 16.4#

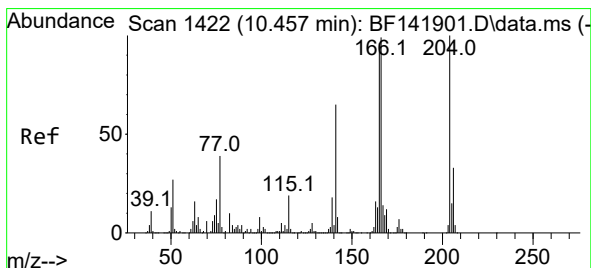
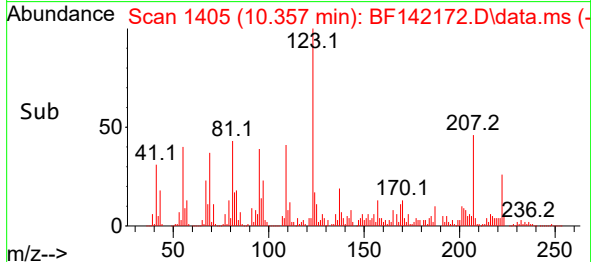
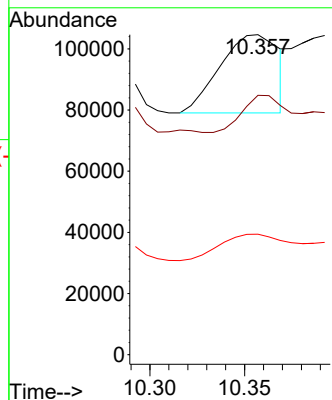
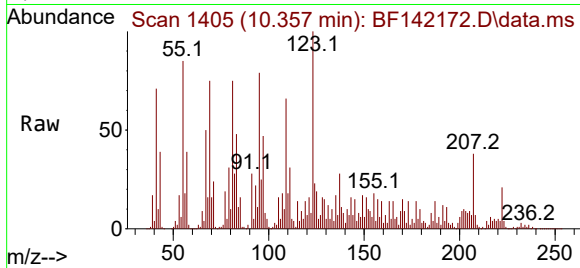




#60
Diethylphthalate
Concen: 4.564 ng
RT: 10.357 min Scan# 1405
Delta R.T. 0.018 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

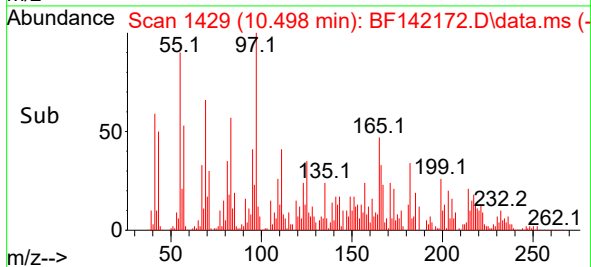
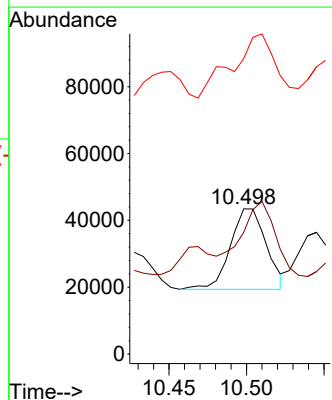
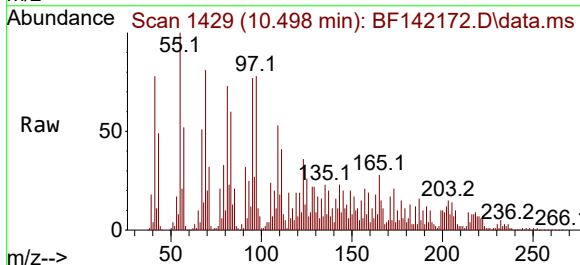
Instrument :
BNA_F
ClientSampleId :
VNJ239

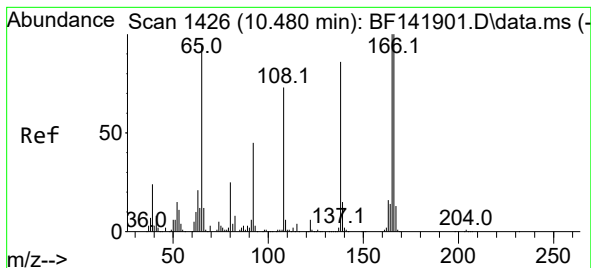
Tgt Ion:149 Resp: 55022
Ion Ratio Lower Upper
149 100
177 81.1 18.0 27.0#
150 37.7 10.2 15.4#



#61
4-Chlorophenyl-phenylether
Concen: 6.600 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.041 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

Tgt Ion:204 Resp: 38656
Ion Ratio Lower Upper
204 100
206 83.9 26.8 40.2#
141 203.6 52.4 78.6#

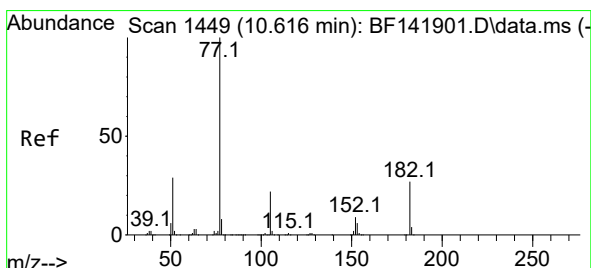
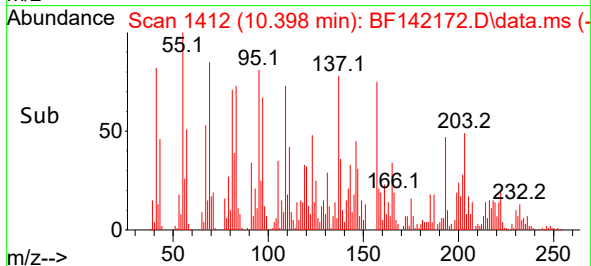
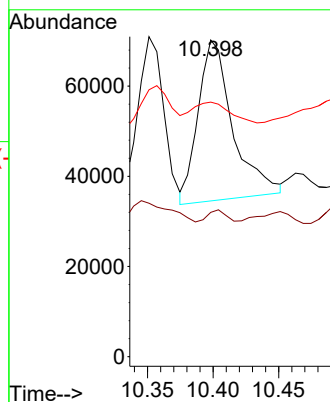
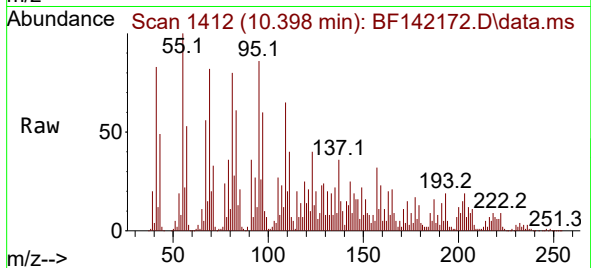




#62
4-Nitroaniline
Concen: 26.437 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.082 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

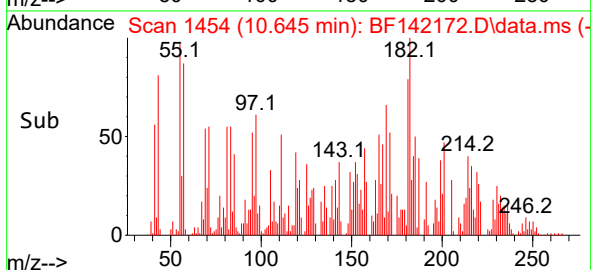
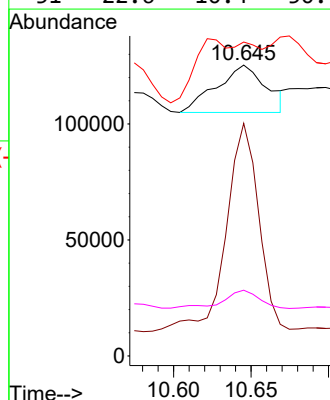
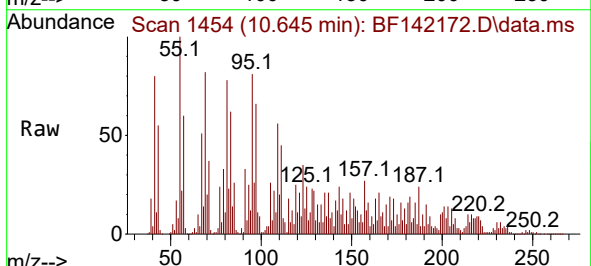
Instrument :
BNA_F
ClientSampleId :
VNJ239

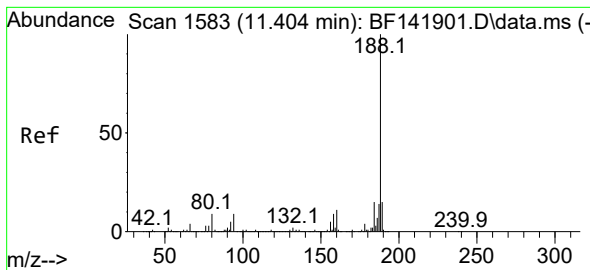
Tgt Ion:138 Resp: 65716
Ion Ratio Lower Upper
138 100
92 45.6 32.6 72.6
108 80.4 65.0 105.0



#63
Azobenzene
Concen: 4.047 ng
RT: 10.645 min Scan# 1454
Delta R.T. 0.030 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

Tgt Ion: 77 Resp: 45359
Ion Ratio Lower Upper
77 100
182 80.0 6.6 46.6#
105 107.9 1.3 41.3#
51 22.6 10.4 50.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.457 min Scan# 11

Delta R.T. 0.053 min

Lab File: BF142172.D

Acq: 28 Mar 2025 21:00

Instrument :

BNA_F

ClientSampleId :

VNJ239

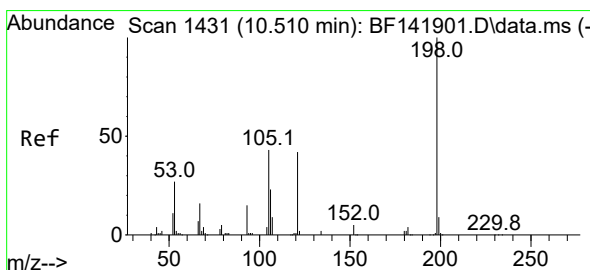
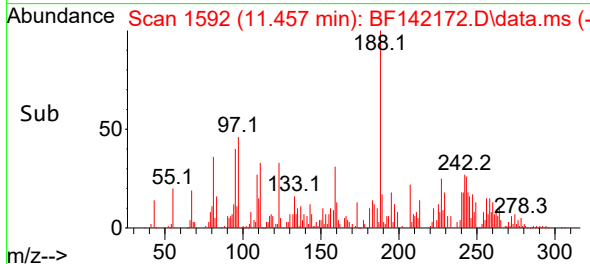
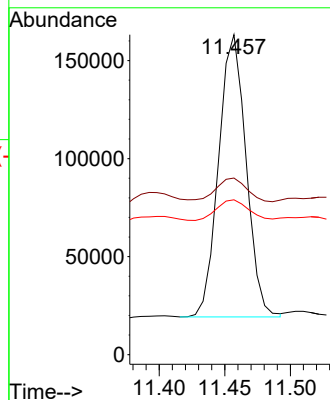
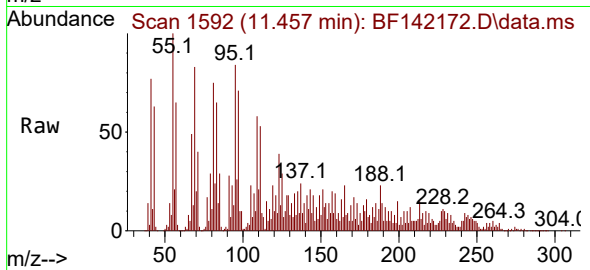
Tgt Ion:188 Resp: 209405

Ion Ratio Lower Upper

188 100

94 55.2 6.8 10.2#

80 48.4 7.6 11.4#



#65

4,6-Dinitro-2-methylphenol

Concen: 6.786 ng

RT: 10.557 min Scan# 1439

Delta R.T. 0.047 min

Lab File: BF142172.D

Acq: 28 Mar 2025 21:00

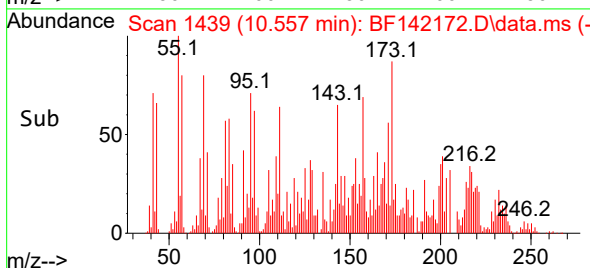
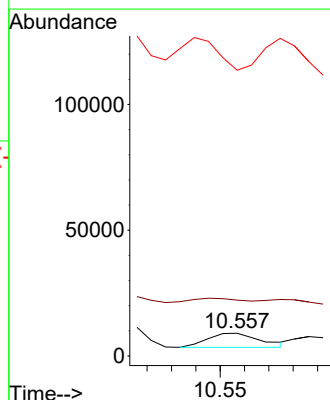
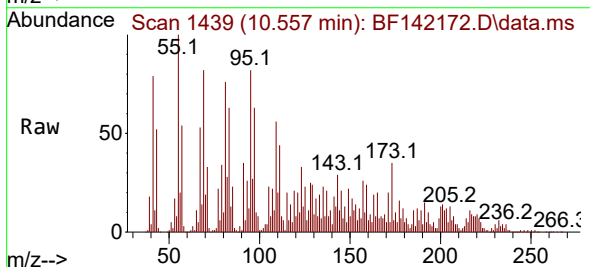
Tgt Ion:198 Resp: 8471

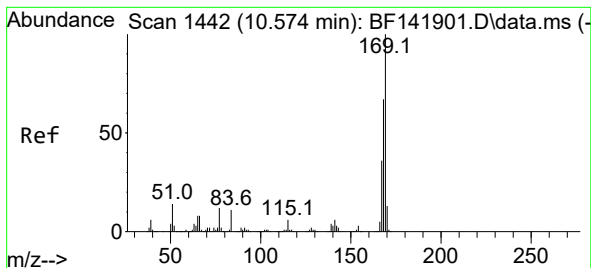
Ion Ratio Lower Upper

198 100

51 245.2 22.3 62.3#

105 1255.4 23.0 63.0#

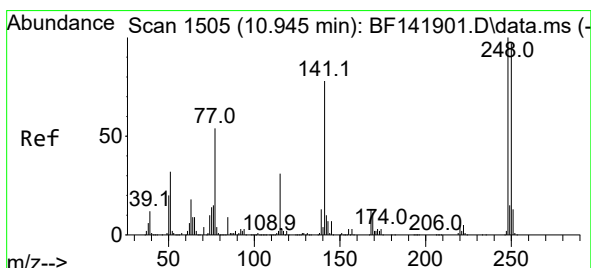
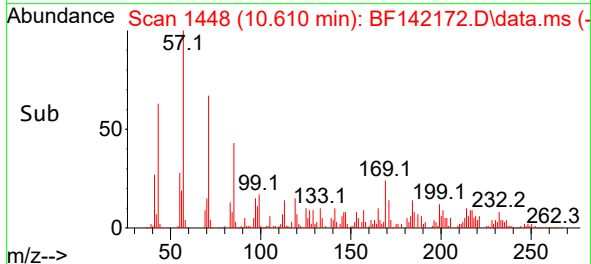
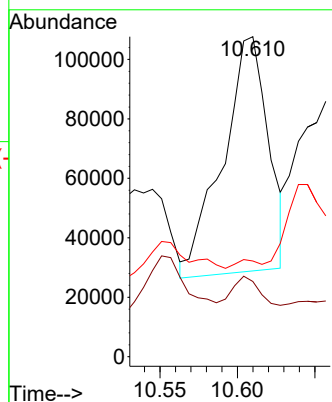
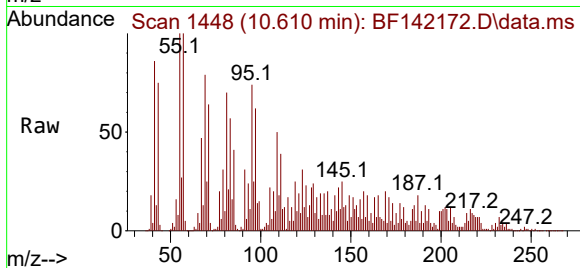




#66
n-Nitrosodiphenylamine
Concen: 23.849 ng
RT: 10.610 min Scan# 1448
Delta R.T. 0.035 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

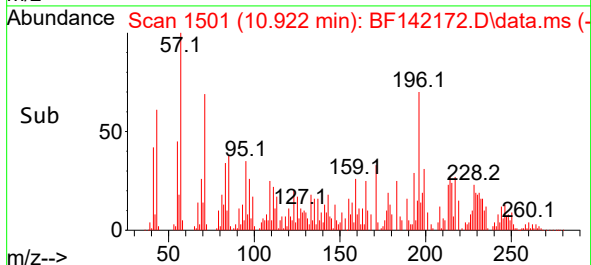
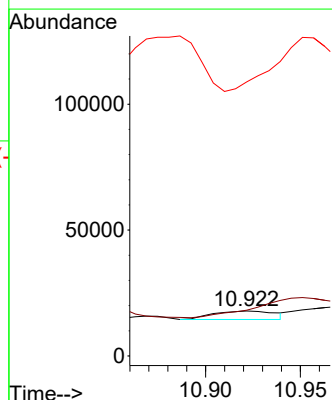
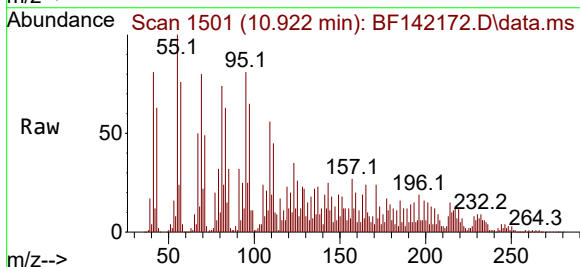
Instrument :
BNA_F
ClientSampleId :
VNJ239

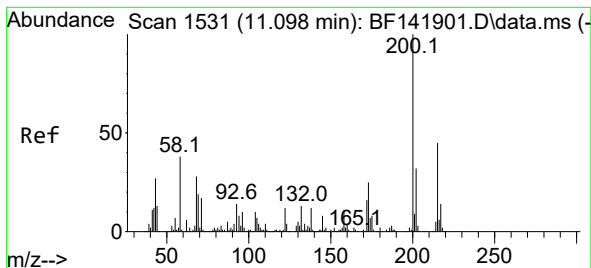
Tgt Ion:169 Resp: 161609
Ion Ratio Lower Upper
169 100
168 23.5 53.7 80.5#
167 29.9 29.2 43.8



#67
4-Bromophenyl-phenylether
Concen: 2.898 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.023 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

Tgt Ion:248 Resp: 7621
Ion Ratio Lower Upper
248 100
250 101.7 77.8 116.8
141 608.7 62.6 93.8#





#69

Atrazine

Concen: 23.409 ng

RT: 11.175 min Scan# 1

Delta R.T. 0.077 min

Lab File: BF142172.D

Acq: 28 Mar 2025 21:00

Instrument :

BNA_F

ClientSampleId :

VNJ239

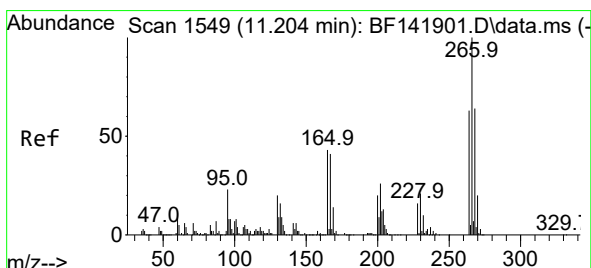
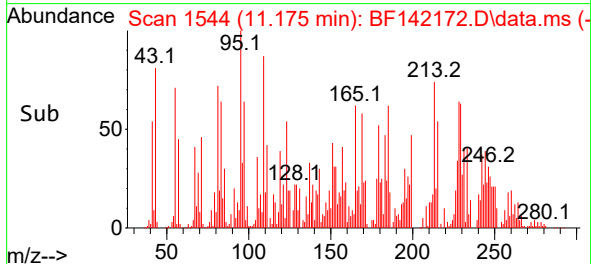
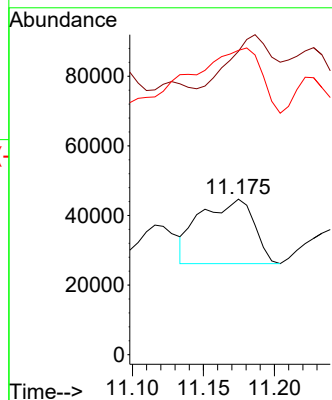
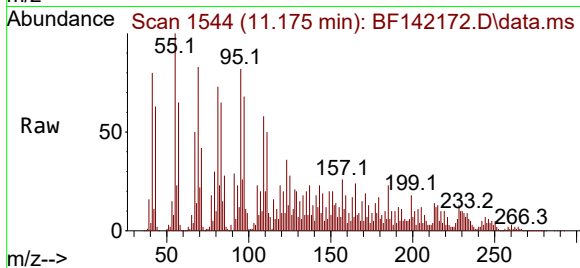
Tgt Ion:200 Resp: 48629

Ion Ratio Lower Upper

200 100

173 195.0 4.7 44.7#

215 195.6 25.4 65.4#



#70

Pentachlorophenol

Concen: 20.634 ng

RT: 11.304 min Scan# 1566

Delta R.T. 0.100 min

Lab File: BF142172.D

Acq: 28 Mar 2025 21:00

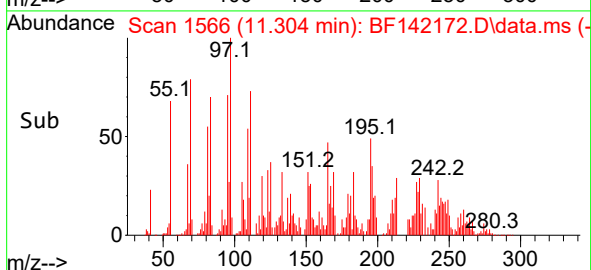
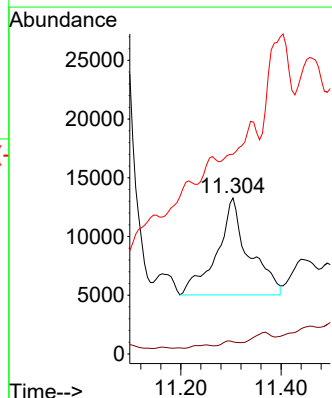
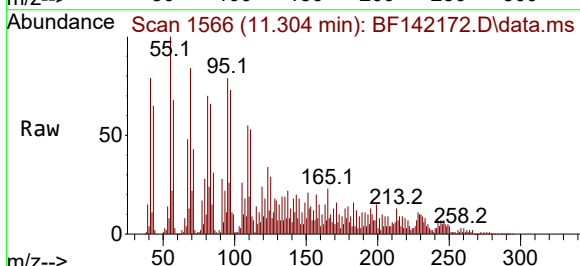
Tgt Ion:266 Resp: 36669

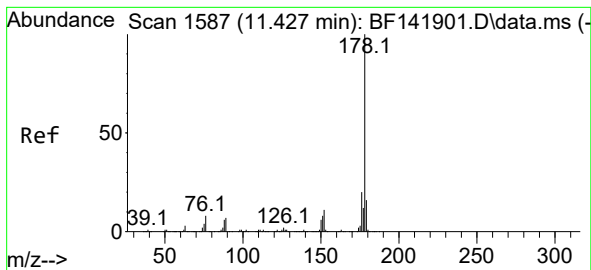
Ion Ratio Lower Upper

266 100

268 7.8 51.0 76.6#

264 128.1 50.2 75.2#





#71

Phenanthrene

Concen: 48.793 ng

RT: 11.480 min Scan# 1

Delta R.T. 0.053 min

Lab File: BF142172.D

Acq: 28 Mar 2025 21:00

Instrument :

BNA_F

ClientSampleId :

VNJ239

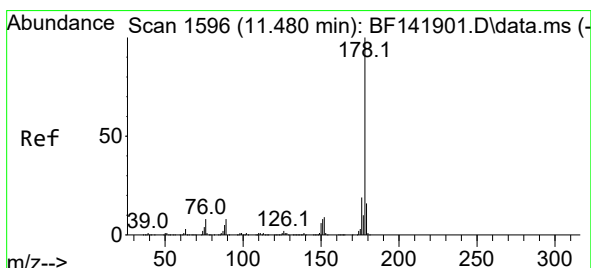
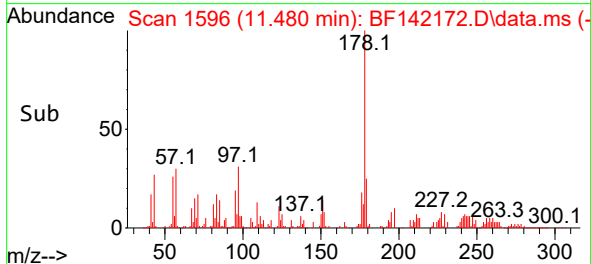
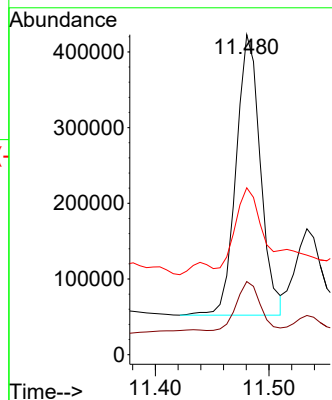
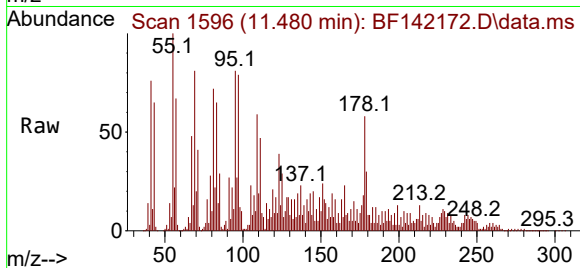
Tgt Ion:178 Resp: 551878

Ion Ratio Lower Upper

178 100

176 22.9 15.8 23.8

179 52.1 12.6 19.0#



#72

Anthracene

Concen: 14.724 ng

RT: 11.533 min Scan# 1605

Delta R.T. 0.053 min

Lab File: BF142172.D

Acq: 28 Mar 2025 21:00

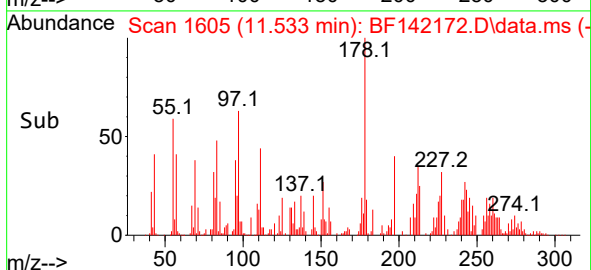
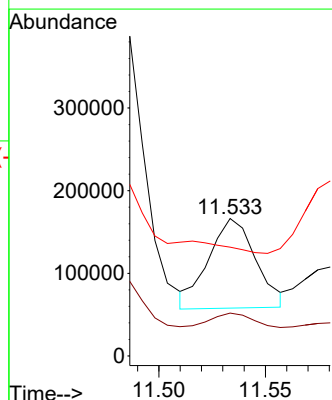
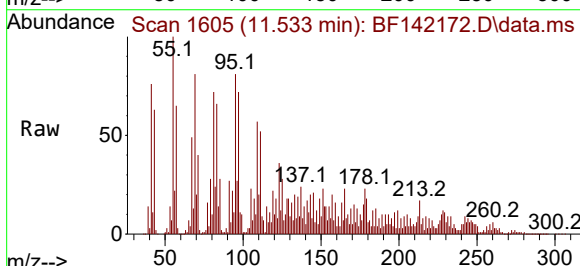
Tgt Ion:178 Resp: 167086

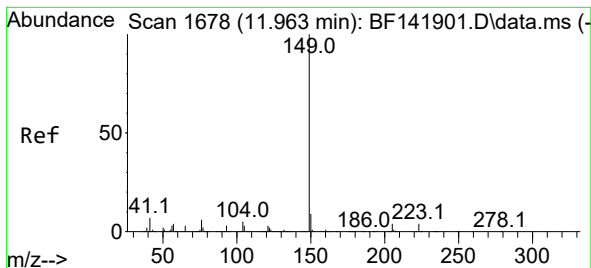
Ion Ratio Lower Upper

178 100

176 31.2 15.1 22.7#

179 79.1 12.6 19.0#





#74

Di-n-butylphthalate

Concen: 8.881 ng

RT: 12.022 min Scan# 1

Delta R.T. 0.059 min

Lab File: BF142172.D

Acq: 28 Mar 2025 21:00

Instrument :

BNA_F

ClientSampleId :

VNJ239

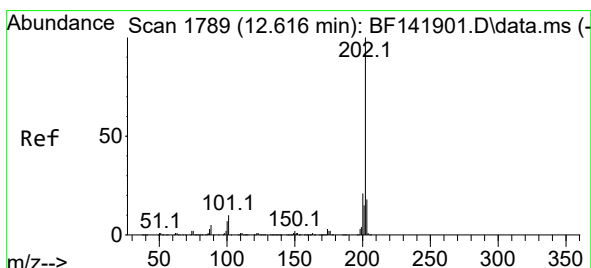
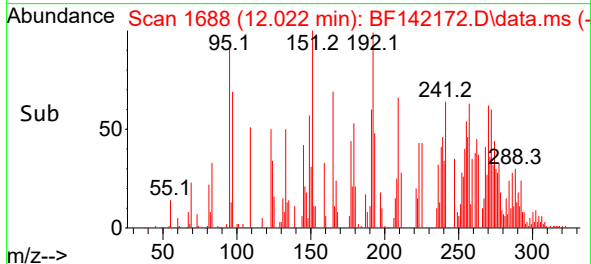
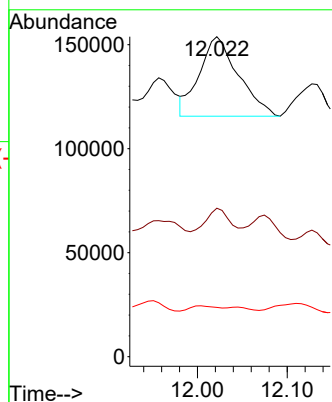
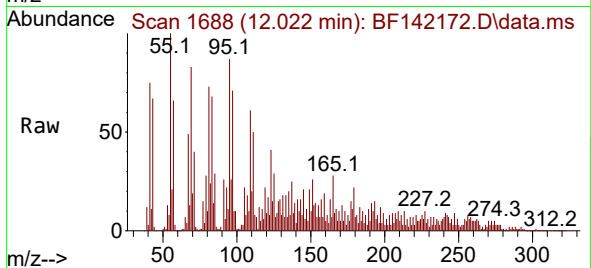
Tgt Ion:149 Resp: 115323

Ion Ratio Lower Upper

149 100

150 46.4 7.6 11.4#

104 15.4 4.4 6.6#



#75

Fluoranthene

Concen: 28.814 ng

RT: 12.692 min Scan# 1802

Delta R.T. 0.077 min

Lab File: BF142172.D

Acq: 28 Mar 2025 21:00

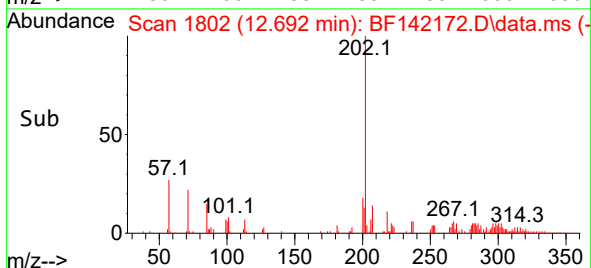
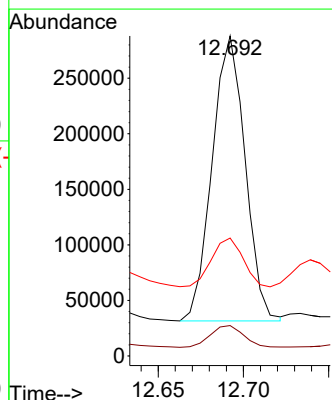
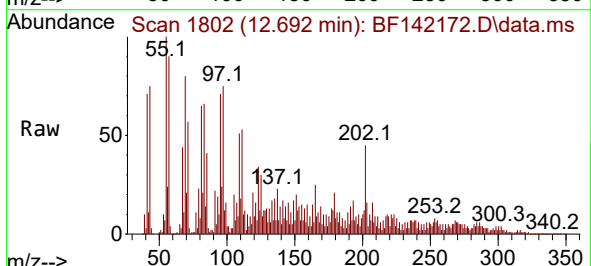
Tgt Ion:202 Resp: 345709

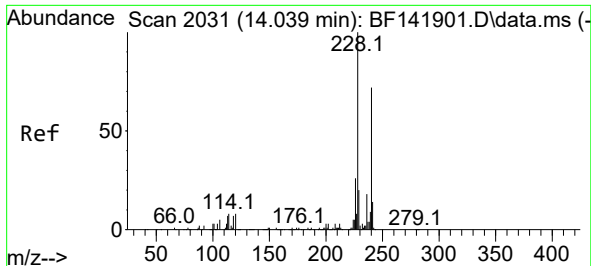
Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.7

203 36.8 0.0 37.8

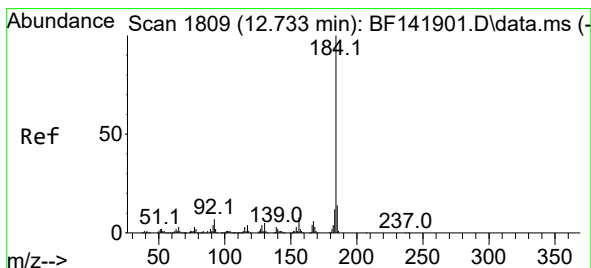
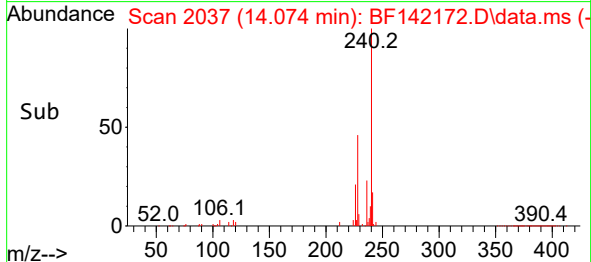
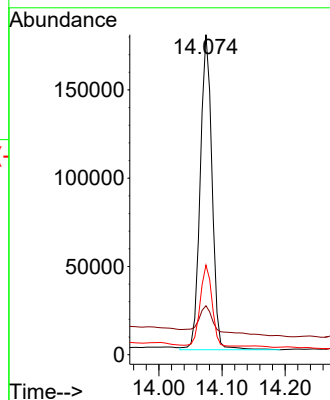
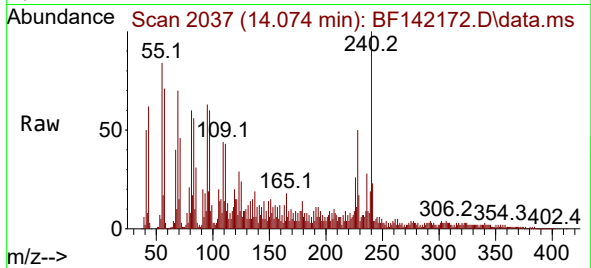




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2031
Delta R.T. 0.035 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

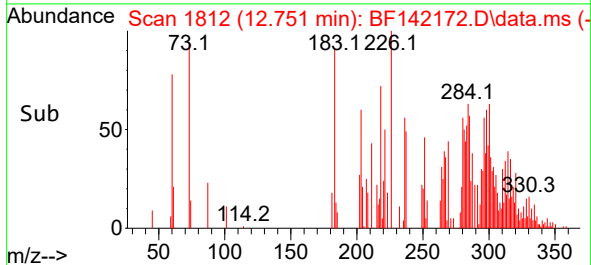
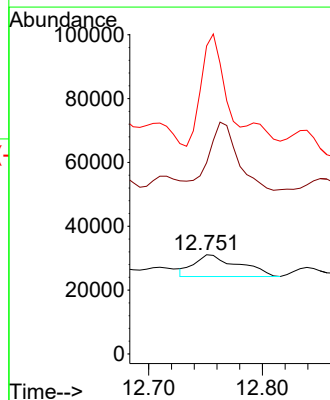
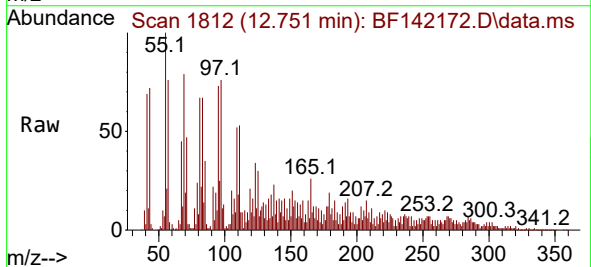
Instrument :
BNA_F
ClientSampleId :
VNJ239

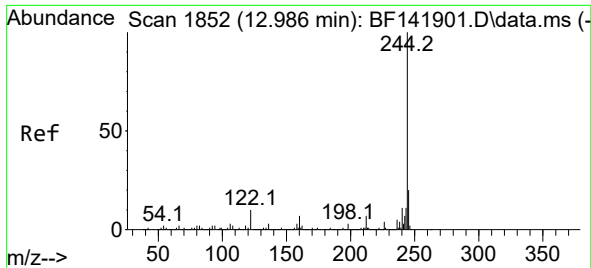
Tgt Ion:240 Resp: 231146
Ion Ratio Lower Upper
240 100
120 15.3 8.4 12.6#
236 28.0 20.5 30.7



#77
Benzidine
Concen: 5.750 ng
RT: 12.751 min Scan# 1812
Delta R.T. 0.018 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

Tgt Ion:184 Resp: 18542
Ion Ratio Lower Upper
184 100
185 192.8 11.5 17.3#
183 310.6 9.7 14.5#

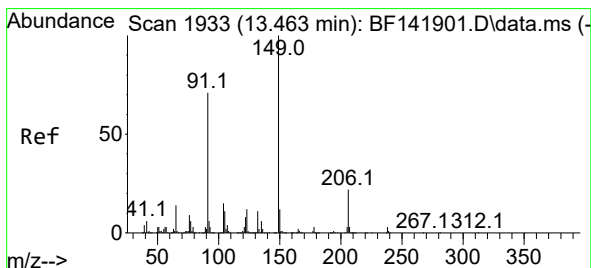
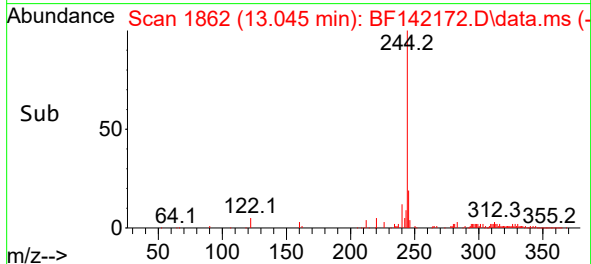
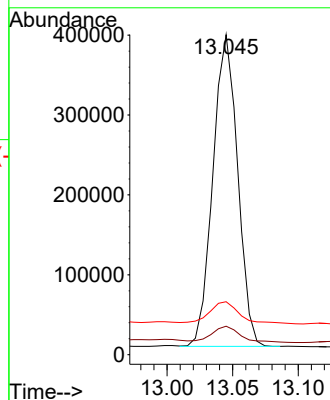
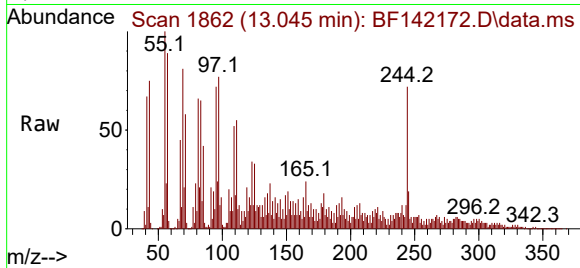




#79
 Terphenyl-d14
 Concen: 32.714 ng
 RT: 13.045 min Scan# 1862
 Delta R.T. 0.059 min
 Lab File: BF142172.D
 Acq: 28 Mar 2025 21:00

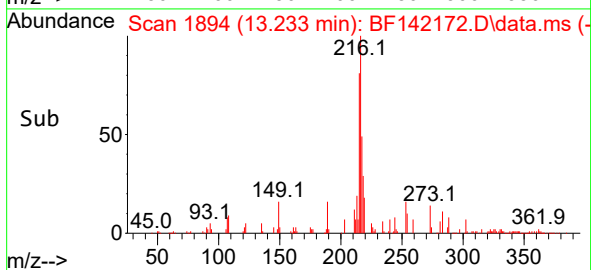
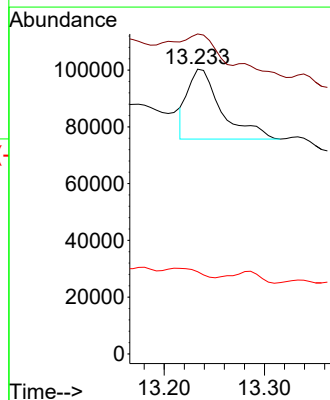
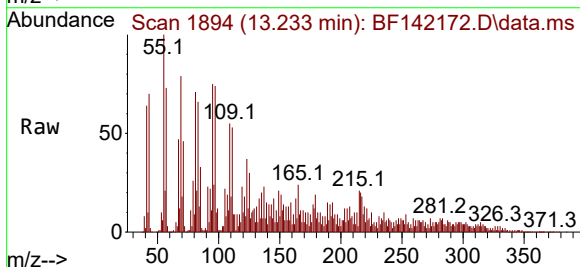
Instrument :
 BNA_F
 ClientSampleId :
 VNJ239

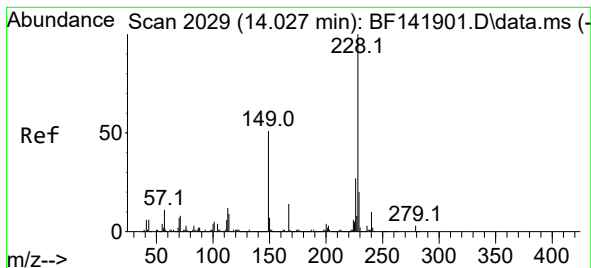
Tgt Ion:244 Resp: 511460
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.0 9.0
 122 16.5 7.7 11.5#



#80
 Butylbenzylphthalate
 Concen: 7.356 ng
 RT: 13.233 min Scan# 1894
 Delta R.T. -0.229 min
 Lab File: BF142172.D
 Acq: 28 Mar 2025 21:00

Tgt Ion:149 Resp: 57566
 Ion Ratio Lower Upper
 149 100
 91 112.4 56.5 84.7#
 206 28.9 17.3 25.9#





#81

Benzo(a)anthracene

Concen: 12.419 ng

RT: 14.063 min Scan# 2041

Delta R.T. 0.035 min

Lab File: BF142172.D

Acq: 28 Mar 2025 21:00

Instrument :

BNA_F

ClientSampleId :

VNJ239

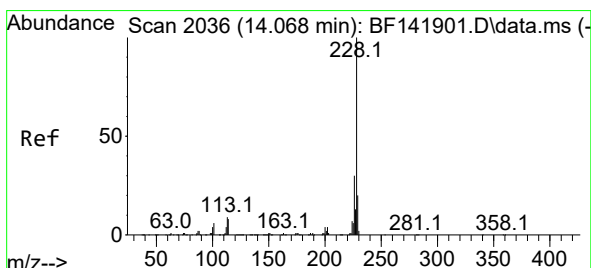
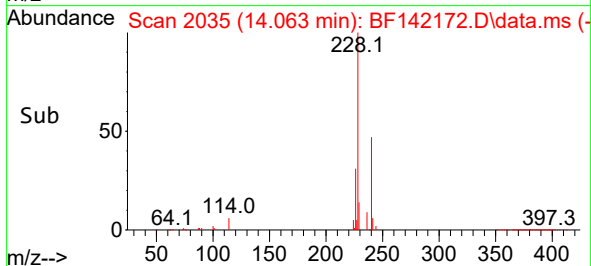
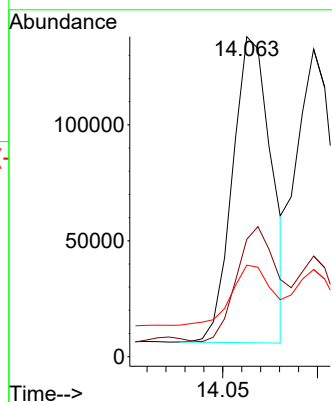
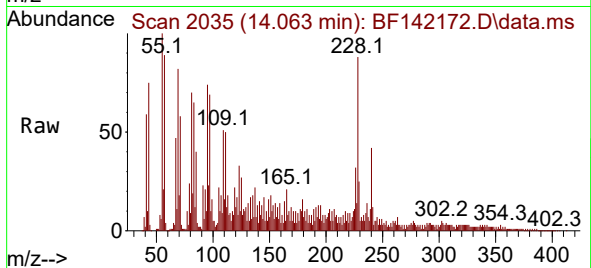
Tgt Ion:228 Resp: 188376

Ion Ratio Lower Upper

228 100

226 36.7 21.8 32.8#

229 28.6 16.0 24.0#



#83

Chrysene

Concen: 12.594 ng

RT: 14.098 min Scan# 2041

Delta R.T. 0.030 min

Lab File: BF142172.D

Acq: 28 Mar 2025 21:00

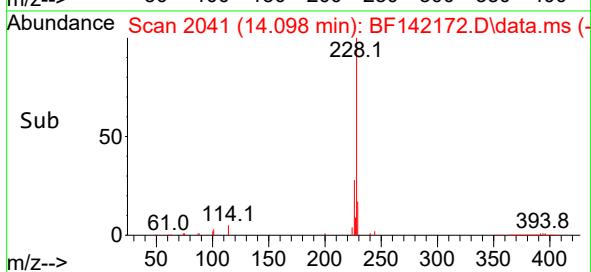
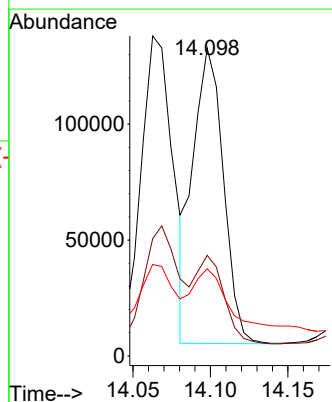
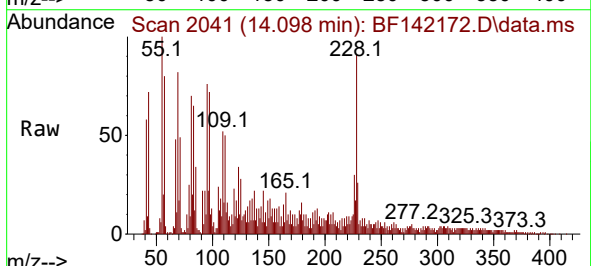
Tgt Ion:228 Resp: 173158

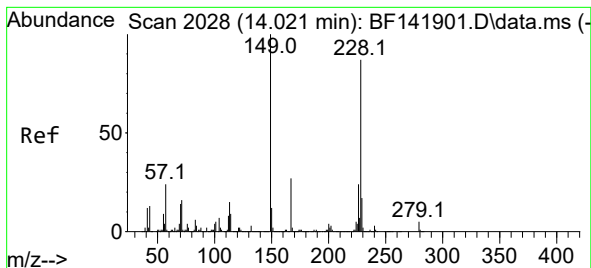
Ion Ratio Lower Upper

228 100

226 32.7 24.1 36.1

229 28.4 15.7 23.5#





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.510 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF142172.D

Acq: 28 Mar 2025 21:00

Instrument :

BNA_F

ClientSampleId :

VNJ239

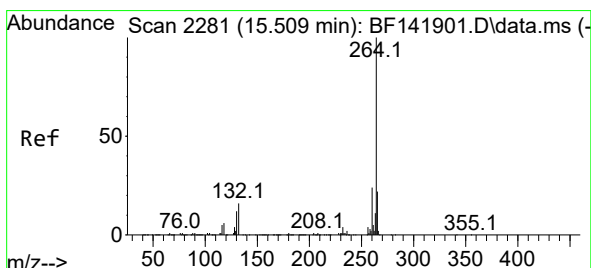
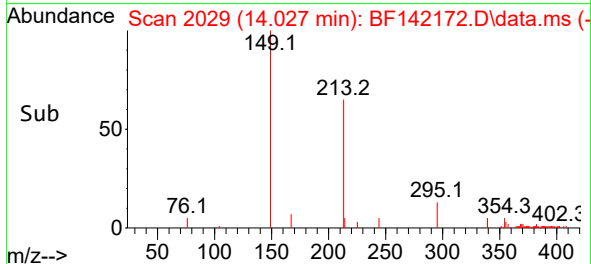
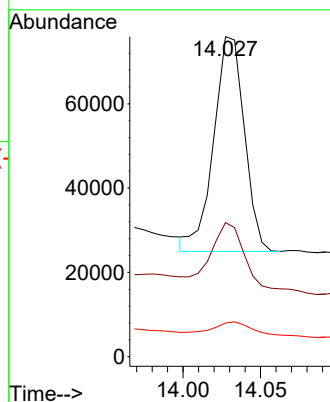
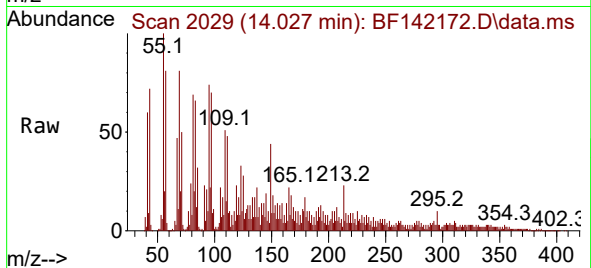
Tgt Ion:149 Resp: 70244

Ion Ratio Lower Upper

149 100

167 41.9 21.4 32.0#

279 10.5 3.8 5.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.018 min

Lab File: BF142172.D

Acq: 28 Mar 2025 21:00

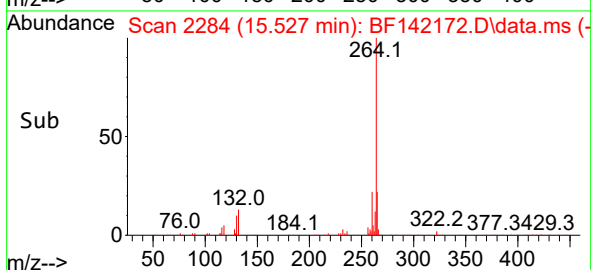
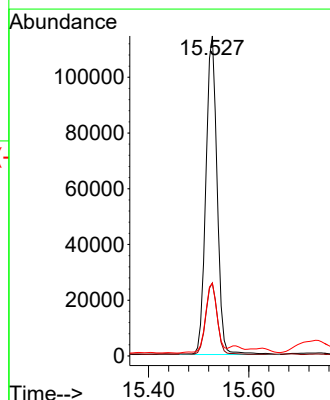
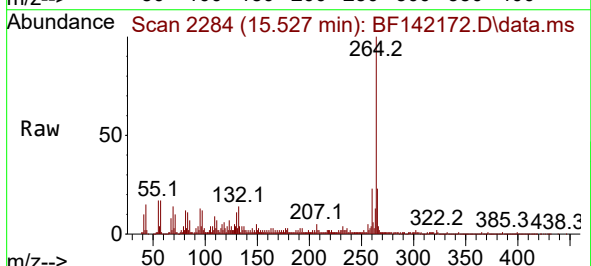
Tgt Ion:264 Resp: 178143

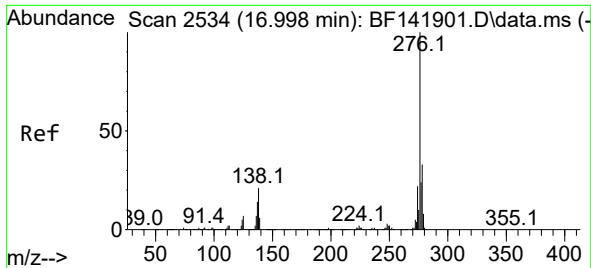
Ion Ratio Lower Upper

264 100

260 22.8 19.1 28.7

265 22.7 17.5 26.3

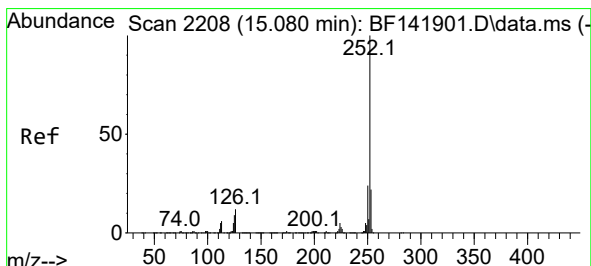
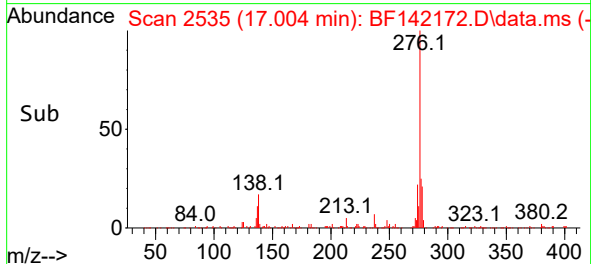
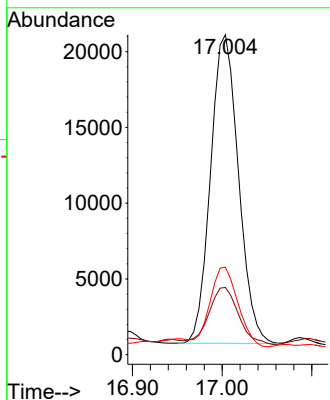
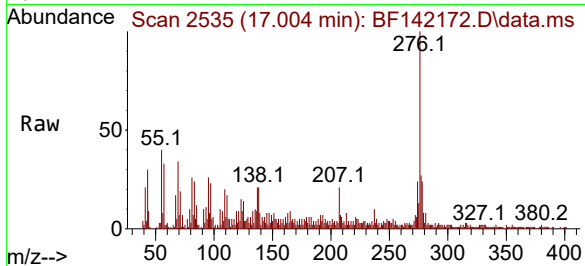




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.821 ng
RT: 17.004 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

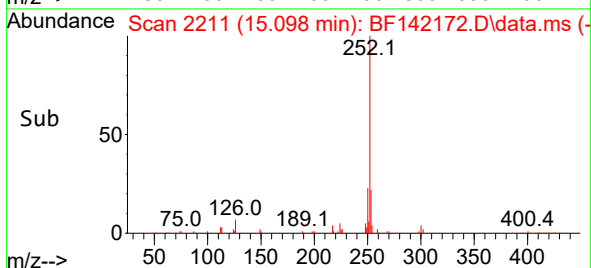
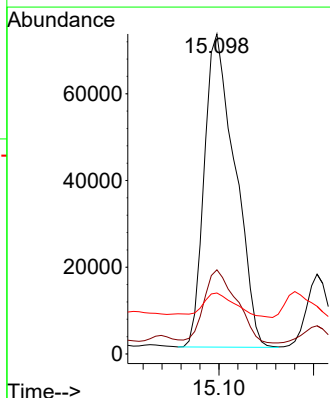
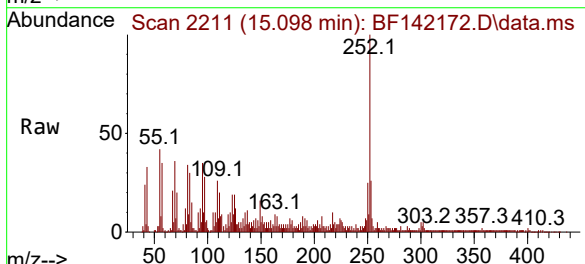
Instrument :
BNA_F
ClientSampleId :
VNJ239

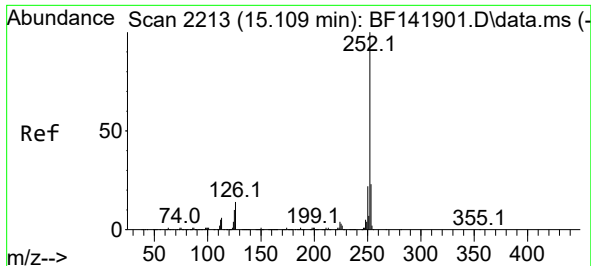
Tgt Ion:276 Resp: 44029
Ion Ratio Lower Upper
276 100
138 19.7 18.4 27.6
277 25.9 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 13.341 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.018 min
Lab File: BF142172.D
Acq: 28 Mar 2025 21:00

Tgt Ion:252 Resp: 162878
Ion Ratio Lower Upper
252 100
253 26.3 17.5 26.3#
125 19.0 7.0 10.4#





#89

Benzo(k)fluoranthene

Concen: 15.589 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142172.D

Acq: 28 Mar 2025 21:00

Instrument :

BNA_F

ClientSampleId :

VNJ239

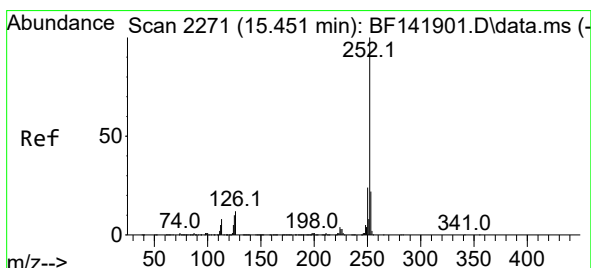
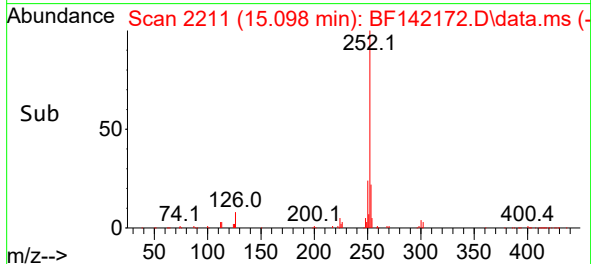
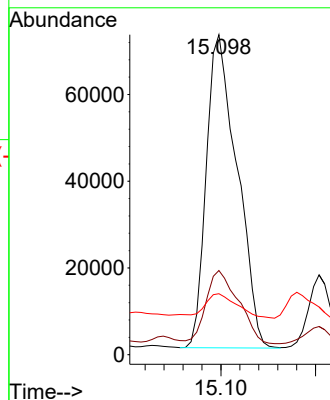
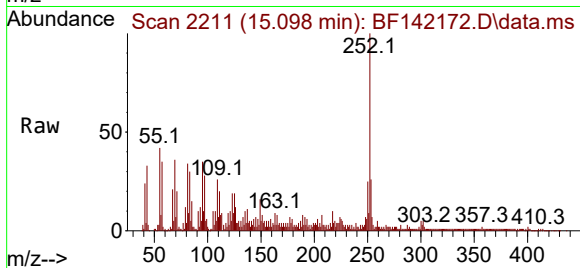
Tgt Ion:252 Resp: 162878

Ion Ratio Lower Upper

252 100

253 26.3 17.7 26.5

125 19.0 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 10.169 ng

RT: 15.463 min Scan# 2273

Delta R.T. 0.012 min

Lab File: BF142172.D

Acq: 28 Mar 2025 21:00

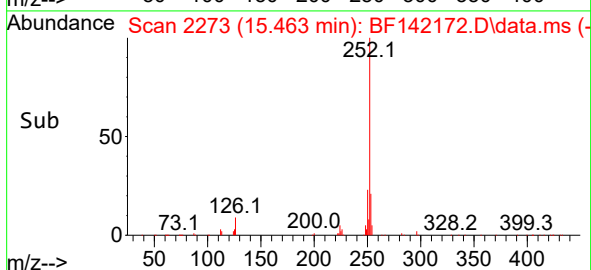
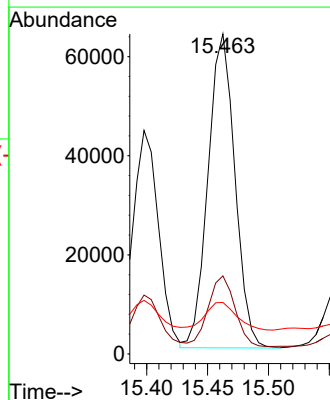
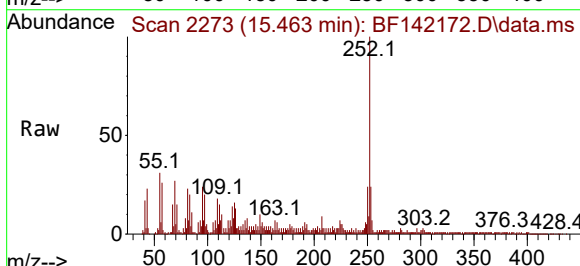
Tgt Ion:252 Resp: 97145

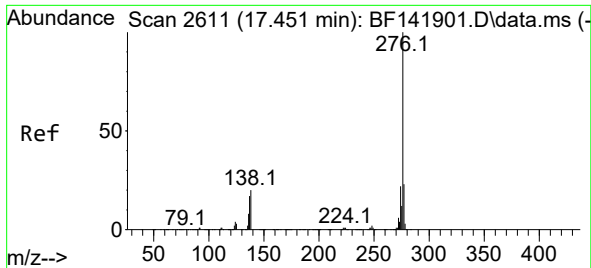
Ion Ratio Lower Upper

252 100

253 24.4 17.4 26.0

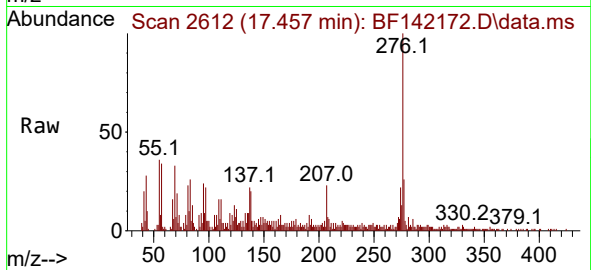
125 16.1 7.8 11.8#





#92
 Benzo(g,h,i)perylene
 Concen: 4.727 ng
 RT: 17.457 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: BF142172.D
 Acq: 28 Mar 2025 21:00

Instrument :
 BNA_F
 ClientSampleId :
 VNJ239



Tgt Ion:	276	Resp:	44416
Ion Ratio	Lower	Upper	
276	100		
277	26.1	18.7	28.1
138	20.3	15.8	23.8

