

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
 Data File : BF141153.D
 Acq On : 14 Jan 2025 18:38
 Operator : RC/JU
 Sample : Q1049-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-257952

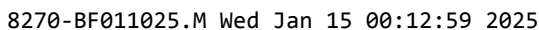
Quant Time: Jan 15 00:12:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

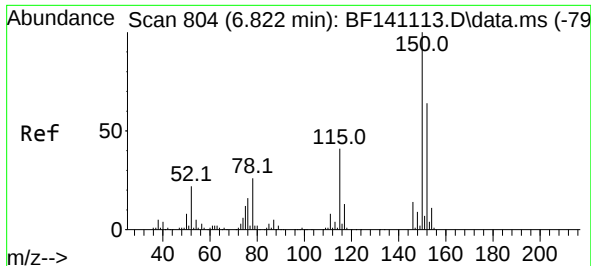
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	147727	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	591650	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	282324	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	399017	20.000	ng	0.00
76) Chrysene-d12	13.992	240	276676	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	319811	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	623430	65.193	ng	0.02
7) Phenol-d6	6.481	99	399557	32.985	ng	0.04
23) Nitrobenzene-d5	7.387	82	978845	87.699	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	418883	130.213	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	1720687	93.069	ng	0.00
79) Terphenyl-d14	12.945	244	1281432	68.839	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	40968	9.620	ng	# 1
3) Pyridine	3.369	79	48544	4.649	ng	# 33
9) Benzaldehyde	6.375	77	61189	8.577	ng	# 2
10) Phenol	6.493	94	293434	22.629	ng	98
14) 1,2-Dichlorobenzene	7.140	146	23204	2.157	ng	# 38
15) Benzyl Alcohol	6.981	79	235232	26.890	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.345	45	201934	14.975	ng	88
17) 2-Methylphenol	7.098	107	214693	25.919	ng	# 1
20) 3+4-Methylphenols	7.222	107	106278	10.170	ng	# 1
22) Acetophenone	7.234	105	565360	40.196	ng	# 94
24) Nitrobenzene	7.451	77	48768	4.192	ng	# 29
25) Isophorone	7.769	82	365706	19.173	ng	# 71
27) 2,4-Dimethylphenol	7.787	122	74526	10.442	ng	# 88
28) bis(2-Chloroethoxy)met...	7.881	93	87906	7.343	ng	# 74
29) 2,4-Dichlorophenol	7.998	162	186335	21.981	ng	# 30
31) Naphthalene	8.128	128	1311009	42.018	ng	100
32) Benzoic acid	8.057	122	615154	89.846	ng	98
33) 4-Chloroaniline	8.128	127	173292	16.060	ng	# 41
35) Caprolactam	8.528	113	35222	12.691	ng	# 1
36) 4-Chloro-3-methylphenol	8.634	107	44741	4.826	ng	# 24
37) 2-Methylnaphthalene	8.828	142	370307	18.625	ng	99
38) 1-Methylnaphthalene	8.922	142	287190	14.656	ng	99
46) 1,1'-Biphenyl	9.281	154	135507	6.180	ng	99
52) Acenaphthene	9.892	154	47199	2.769	ng	# 73
56) 4-Nitrophenol	9.951	139	91758	26.158	ng	# 32
58) Fluorene	10.410	166	46809	2.599	ng	# 82
63) Azobenzene	10.575	77	39614	2.170	ng	# 19
66) n-Nitrosodiphenylamine	10.516	169	71840	5.582	ng	91
67) 4-Bromophenyl-phenylether	10.651	248	26270	5.718	ng	# 1
71) Phenanthrene	11.369	178	100697	4.701	ng	# 87
74) Di-n-butylphthalate	11.916	149	136918	6.264	ng	# 77

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

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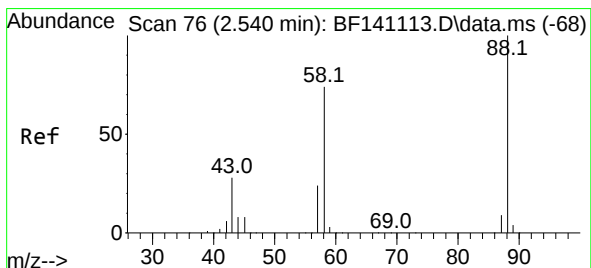
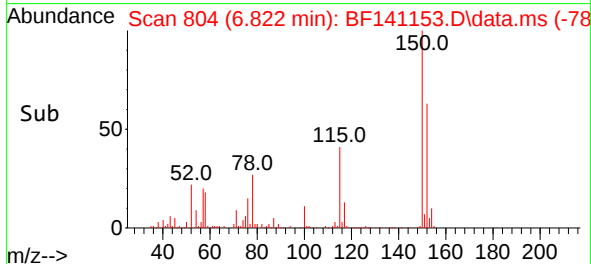
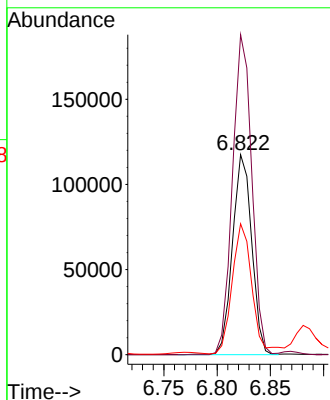
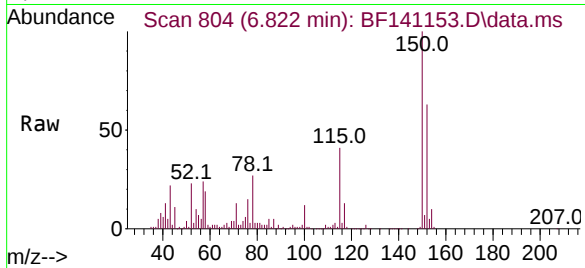




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141153.D
 Acq: 14 Jan 2025 18:38

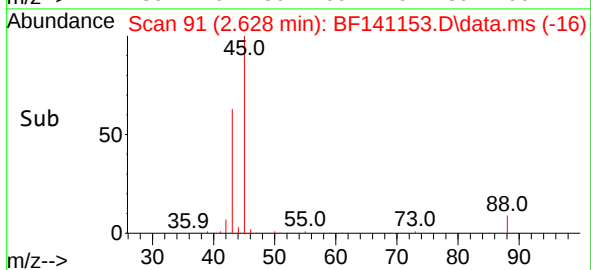
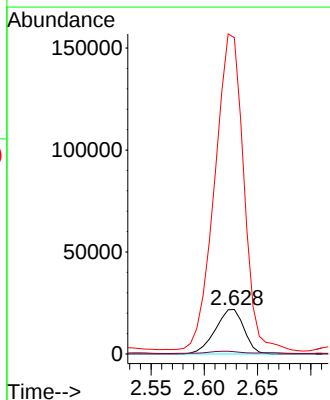
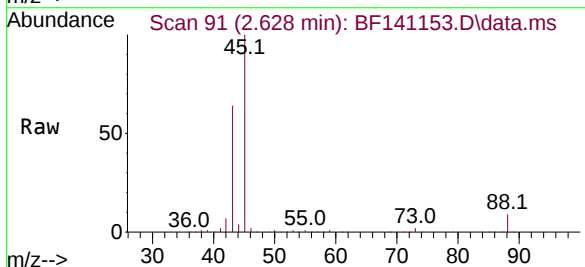
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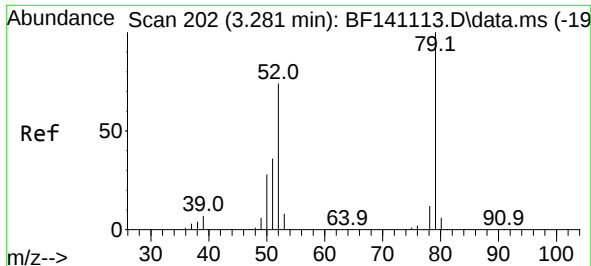
Tgt Ion:152 Resp: 147727
 Ion Ratio Lower Upper
 152 100
 150 160.0 125.8 188.8
 115 65.5 51.4 77.2



#2
 1,4-Dioxane
 Concen: 9.620 ng
 RT: 2.628 min Scan# 91
 Delta R.T. 0.088 min
 Lab File: BF141153.D
 Acq: 14 Jan 2025 18:38

Tgt Ion: 88 Resp: 40968
 Ion Ratio Lower Upper
 88 100
 58 5.8 60.1 90.1#
 43 722.8 23.1 34.7#





#3

Pyridine

Concen: 4.649 ng

RT: 3.369 min Scan# 217

Delta R.T. 0.088 min

Lab File: BF141153.D

Acq: 14 Jan 2025 18:38

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257952

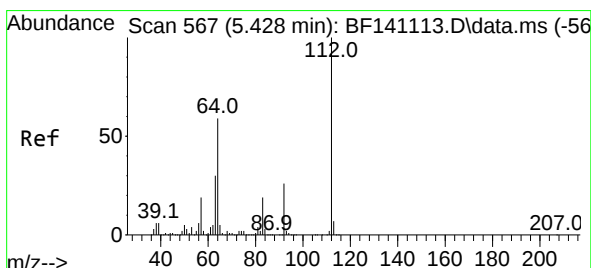
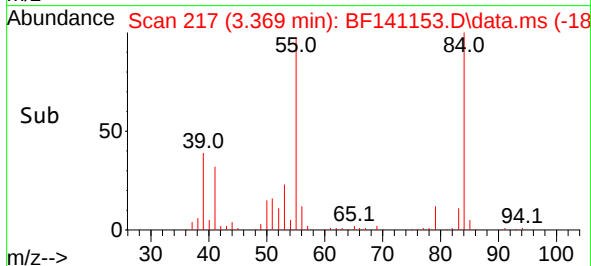
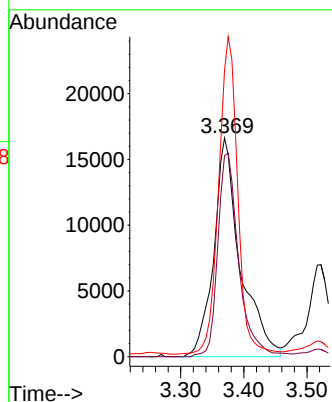
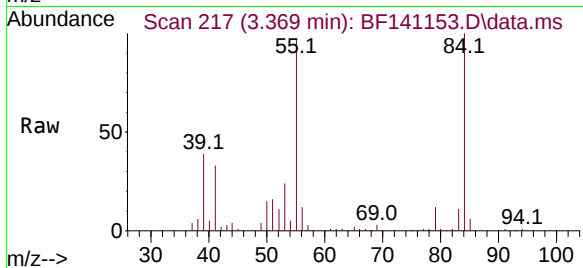
Tgt Ion: 79 Resp: 48544

Ion Ratio Lower Upper

79 100

52 91.9 58.9 88.3#

51 130.8 29.1 43.7#



#5

2-Fluorophenol

Concen: 65.193 ng

RT: 5.451 min Scan# 571

Delta R.T. 0.024 min

Lab File: BF141153.D

Acq: 14 Jan 2025 18:38

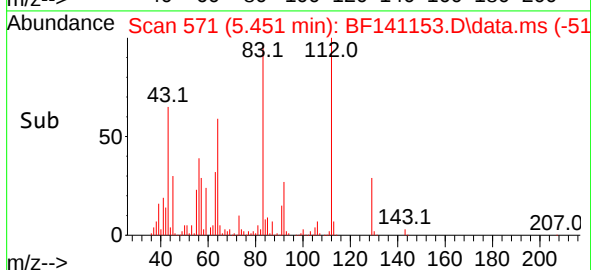
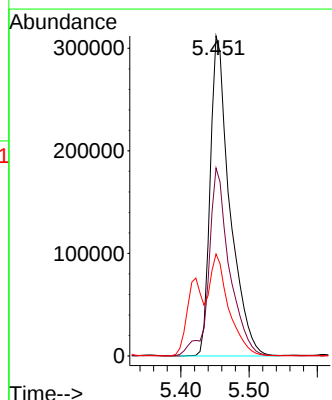
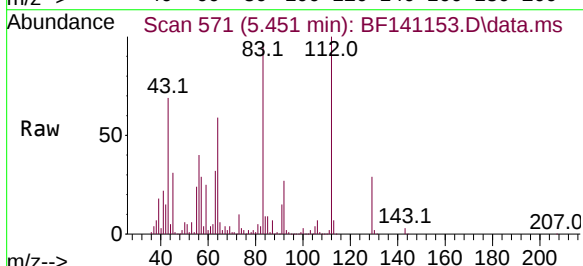
Tgt Ion: 112 Resp: 623430

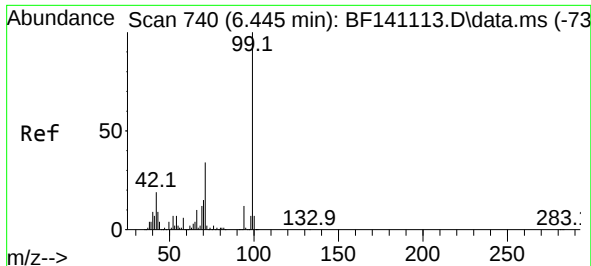
Ion Ratio Lower Upper

112 100

64 58.7 47.3 70.9

63 31.8 24.2 36.2

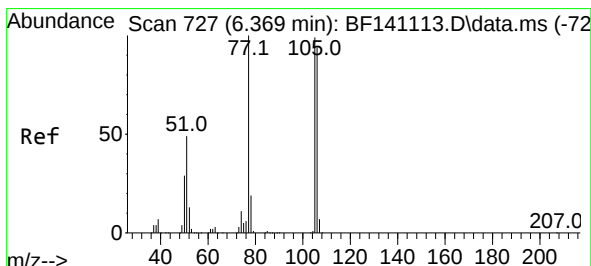
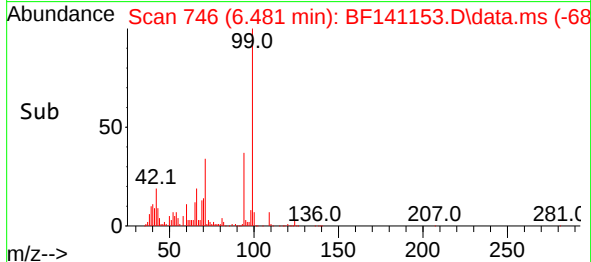
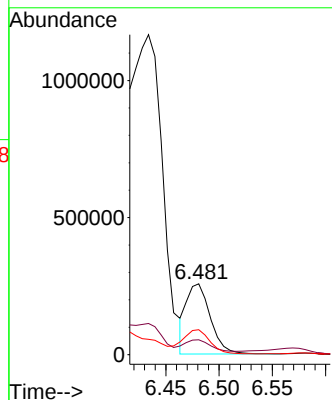
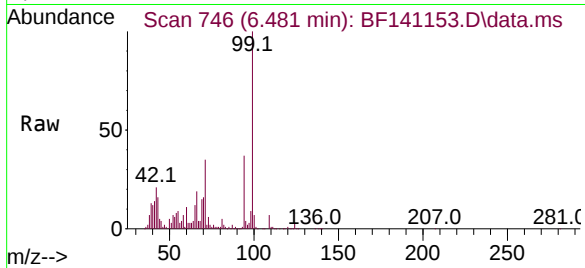




#7
Phenol-d6
Concen: 32.985 ng
RT: 6.481 min Scan# 740
Delta R.T. 0.035 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

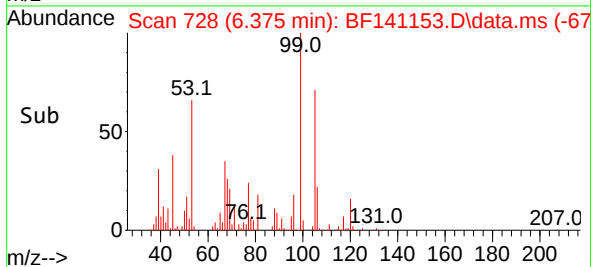
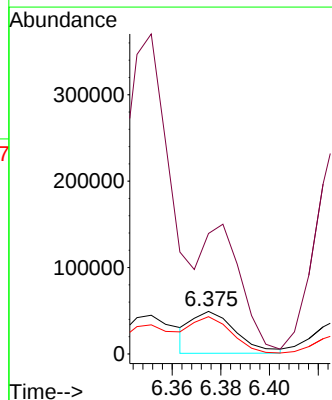
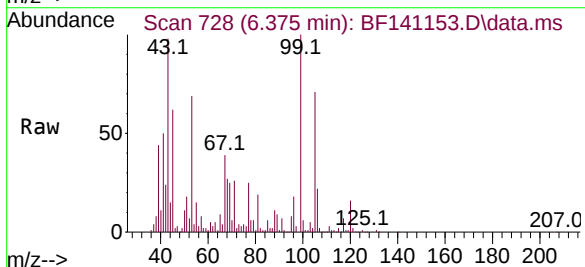
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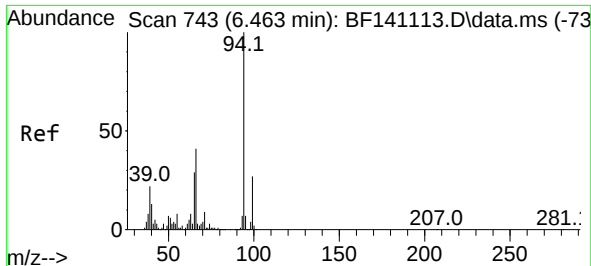
Tgt Ion: 99 Resp: 399557
Ion Ratio Lower Upper
99 100
42 21.0 15.0 22.4
71 35.2 27.6 41.4



#9
Benzaldehyde
Concen: 8.577 ng
RT: 6.375 min Scan# 728
Delta R.T. 0.006 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

Tgt Ion: 77 Resp: 61189
Ion Ratio Lower Upper
77 100
105 282.8 78.9 118.9#
106 87.4 73.6 113.6

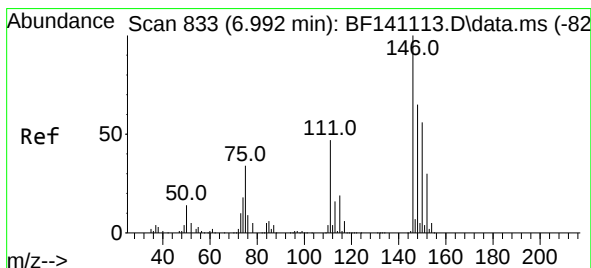
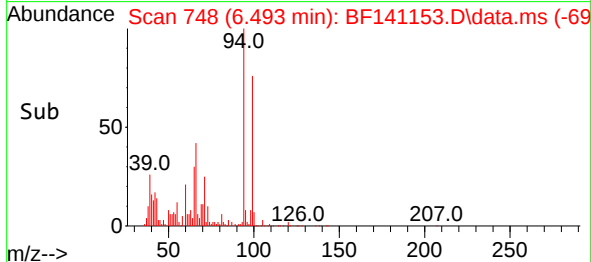
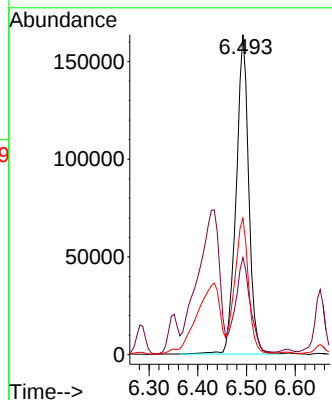
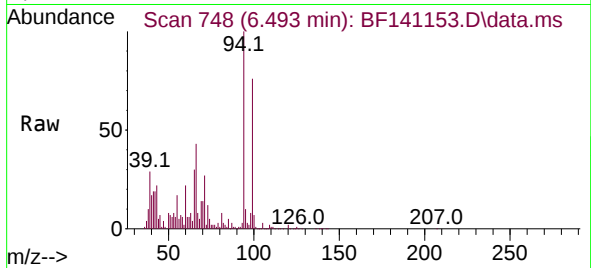




#10
Phenol
Concen: 22.629 ng
RT: 6.493 min Scan# 743
Delta R.T. 0.029 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

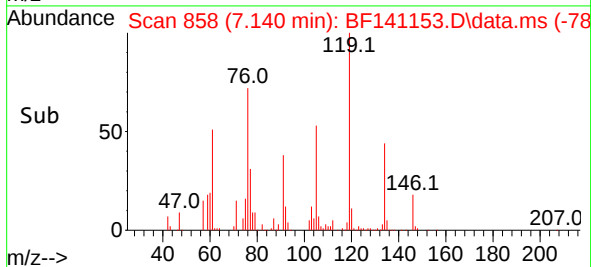
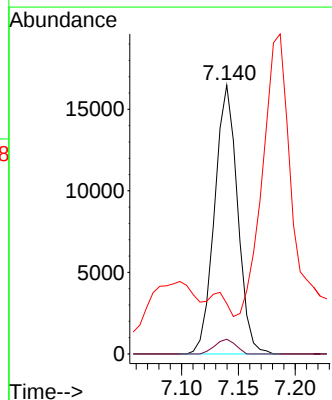
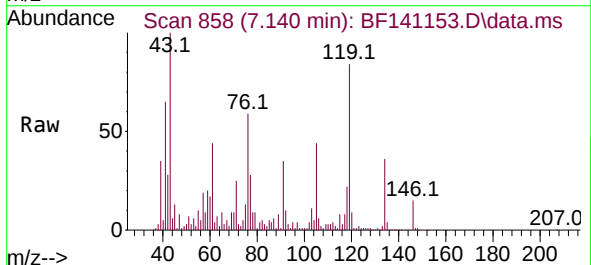
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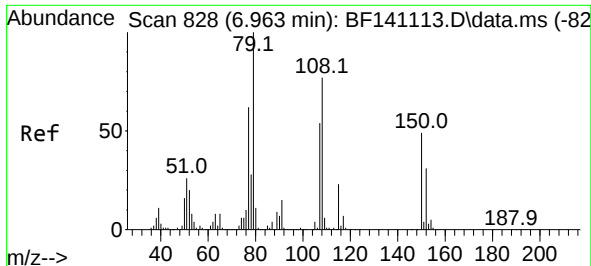
Tgt Ion: 94 Resp: 293434
Ion Ratio Lower Upper
94 100
65 30.4 8.9 48.9
66 42.7 21.2 61.2



#14
1,2-Dichlorobenzene
Concen: 2.157 ng
RT: 7.140 min Scan# 858
Delta R.T. 0.147 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

Tgt Ion:146 Resp: 23204
Ion Ratio Lower Upper
146 100
148 5.5 52.2 78.4#
111 18.7 37.5 56.3#

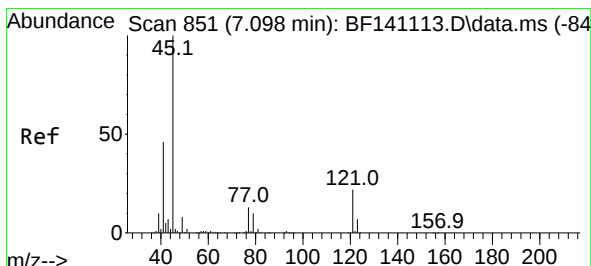
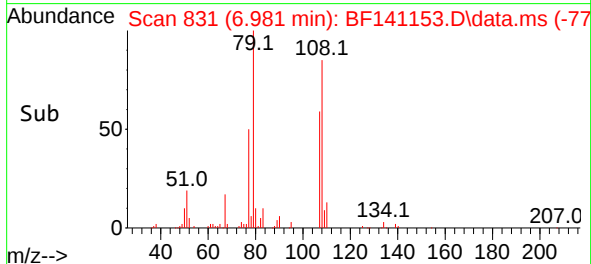
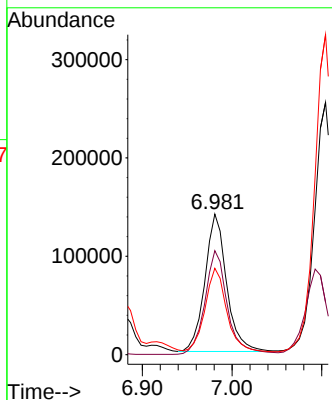
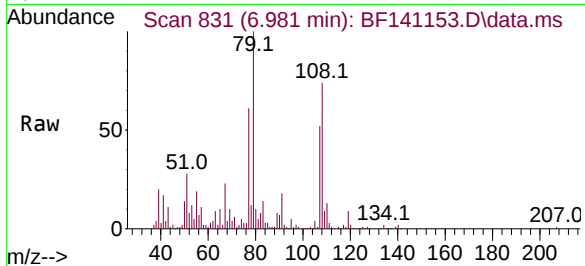




#15
Benzyl Alcohol
Concen: 26.890 ng
RT: 6.981 min Scan# 811
Delta R.T. 0.018 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

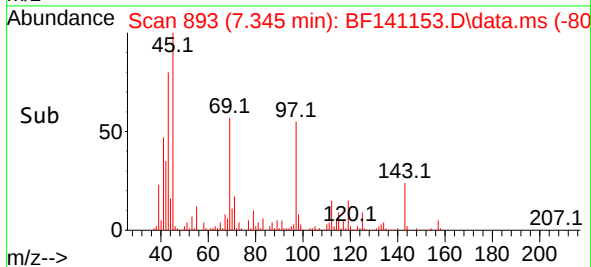
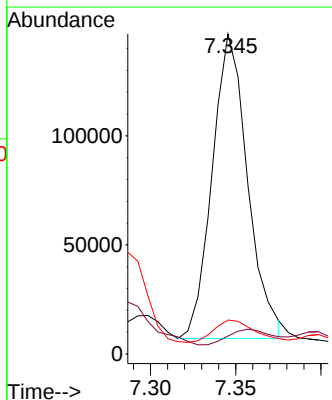
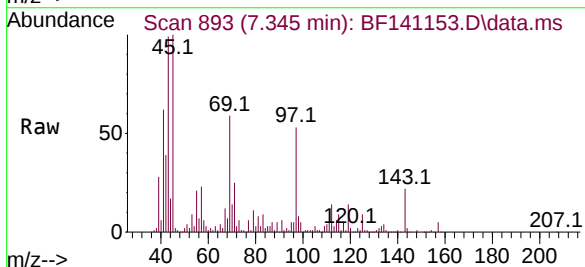
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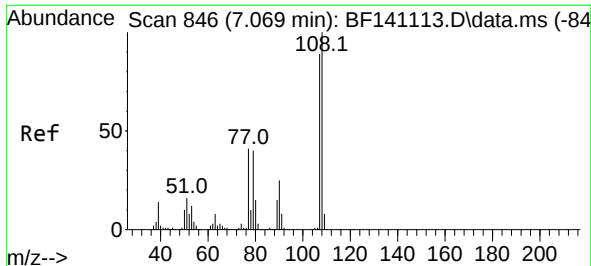
Tgt Ion: 79 Resp: 235232
Ion Ratio Lower Upper
79 100
108 73.9 61.4 92.0
77 61.4 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 14.975 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.247 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

Tgt Ion: 45 Resp: 201934
Ion Ratio Lower Upper
45 100
77 5.6 0.0 34.1
79 10.6 0.0 31.0

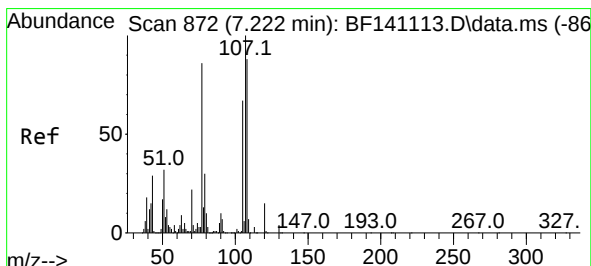
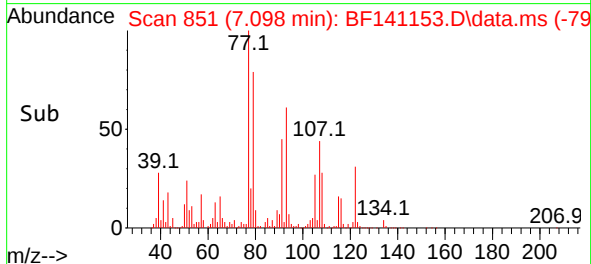
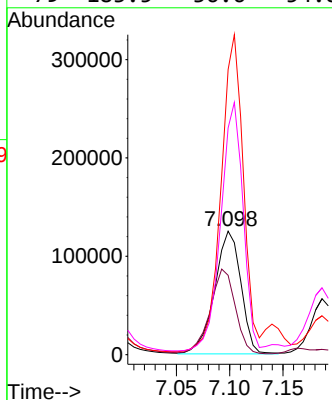
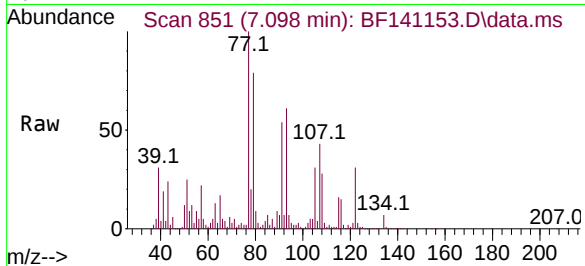




#17
2-Methylphenol
Concen: 25.919 ng
RT: 7.098 min Scan# 846
Delta R.T. 0.029 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

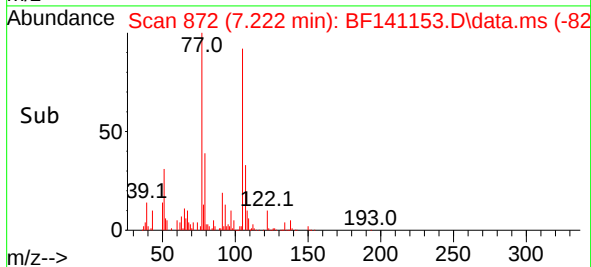
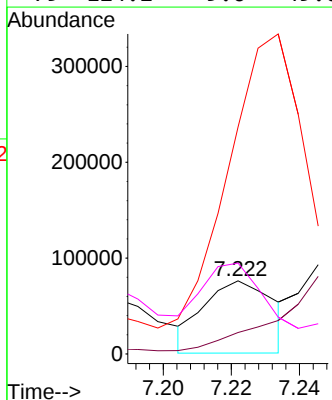
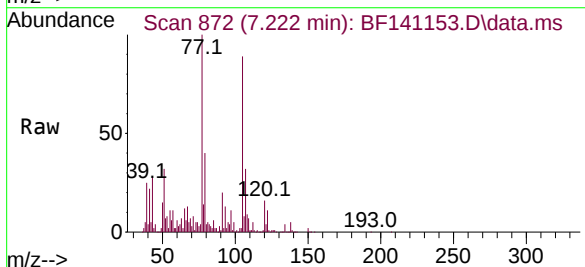
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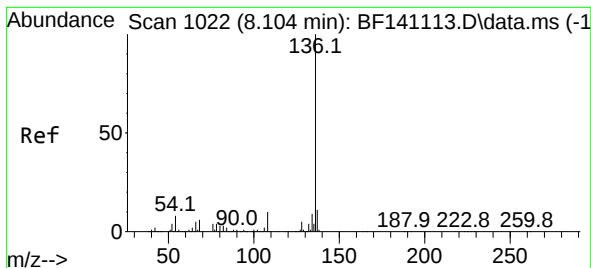
Tgt Ion:107 Resp: 214693
Ion Ratio Lower Upper
107 100
108 64.3 90.1 135.1#
77 230.8 36.6 55.0#
79 183.5 36.6 54.8#



#20
3+4-Methylphenols
Concen: 10.170 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

Tgt Ion:107 Resp: 106278
Ion Ratio Lower Upper
107 100
108 29.4 68.3 108.3#
77 310.2 66.4 106.4#
79 124.2 9.6 49.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.110 min Scan# 1023

Delta R.T. 0.006 min

Lab File: BF141153.D

Acq: 14 Jan 2025 18:38

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257952

Tgt Ion:136 Resp: 591650

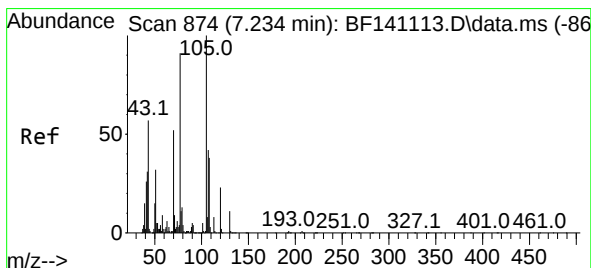
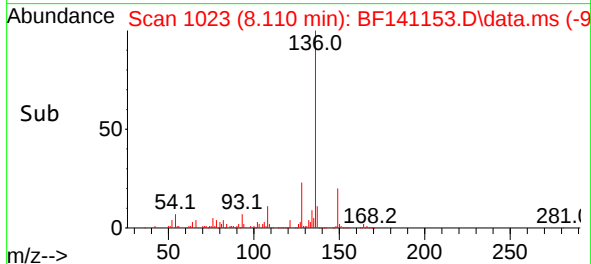
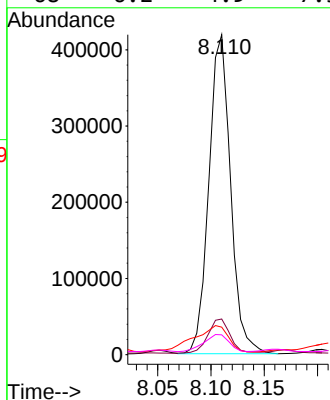
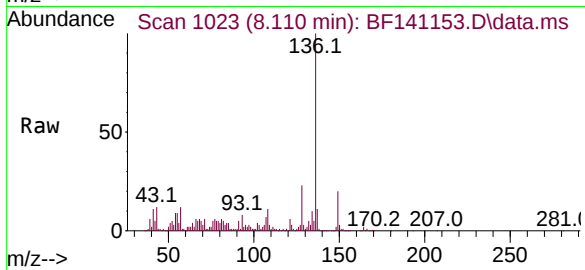
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.6 6.3 9.5

68 6.2 4.9 7.3



#22

Acetophenone

Concen: 40.196 ng

RT: 7.234 min Scan# 874

Delta R.T. 0.000 min

Lab File: BF141153.D

Acq: 14 Jan 2025 18:38

Tgt Ion:105 Resp: 565360

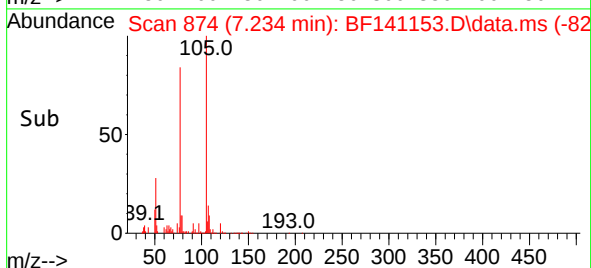
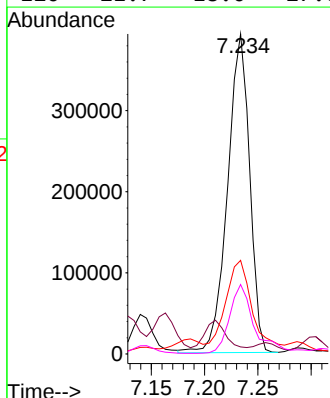
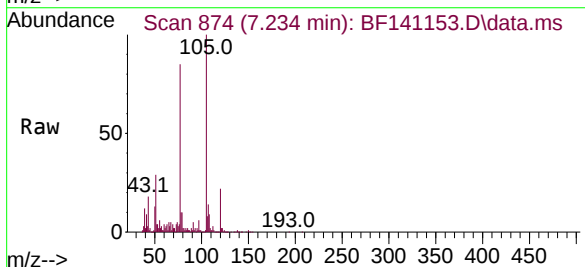
Ion Ratio Lower Upper

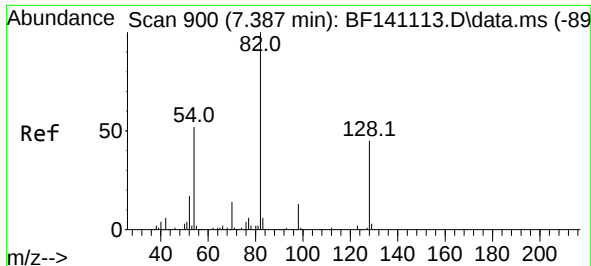
105 100

71 2.2 7.1 10.7#

51 29.2 25.4 38.2

120 21.7 18.0 27.0





#23

Nitrobenzene-d5

Concen: 87.699 ng

RT: 7.387 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF141153.D

Acq: 14 Jan 2025 18:38

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257952

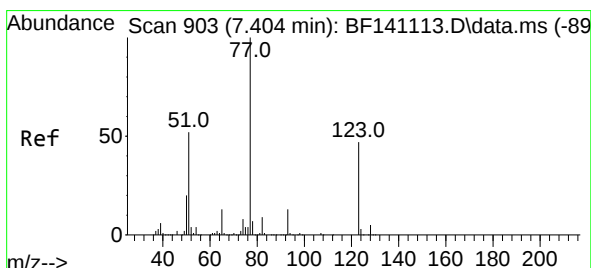
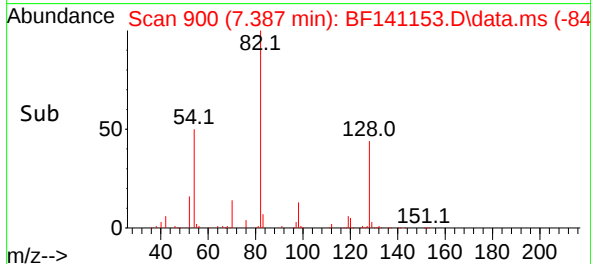
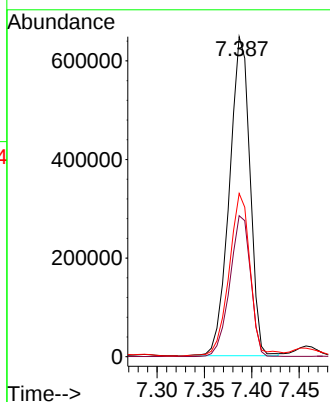
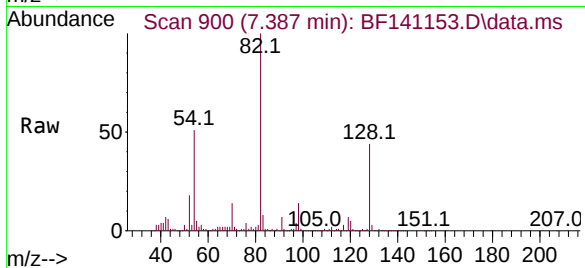
Tgt Ion: 82 Resp: 978845

Ion Ratio Lower Upper

82 100

128 44.1 36.1 54.1

54 51.0 41.0 61.4



#24

Nitrobenzene

Concen: 4.192 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.047 min

Lab File: BF141153.D

Acq: 14 Jan 2025 18:38

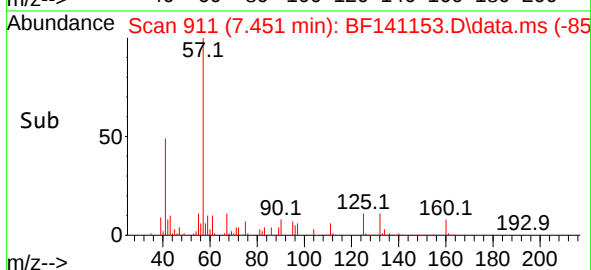
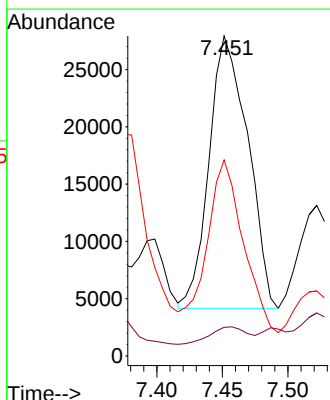
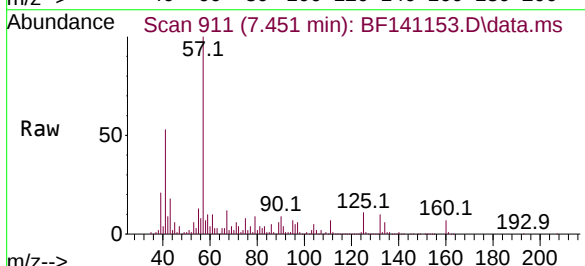
Tgt Ion: 77 Resp: 48768

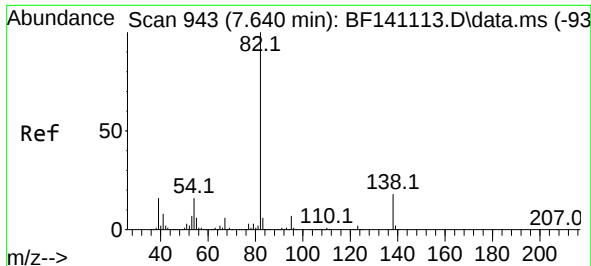
Ion Ratio Lower Upper

77 100

123 9.0 37.7 56.5#

65 61.3 10.6 16.0#

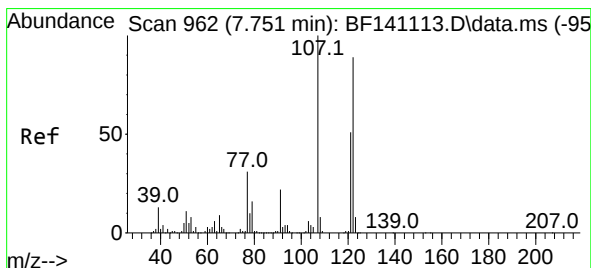
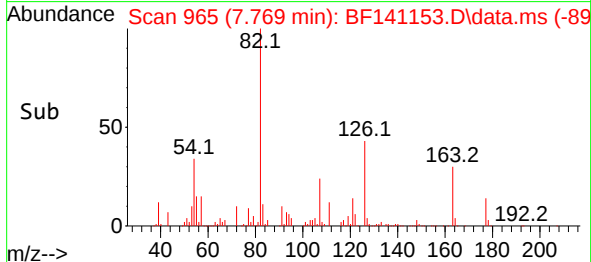
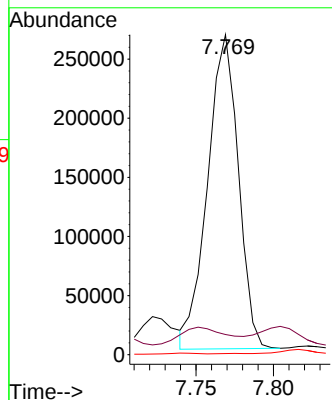
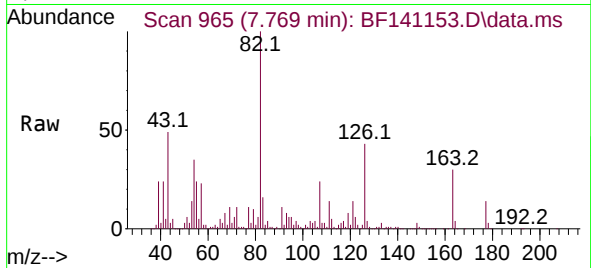




#25
Isophorone
Concen: 19.173 ng
RT: 7.769 min Scan# 90
Delta R.T. 0.129 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

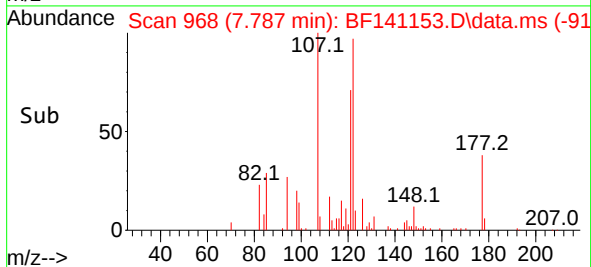
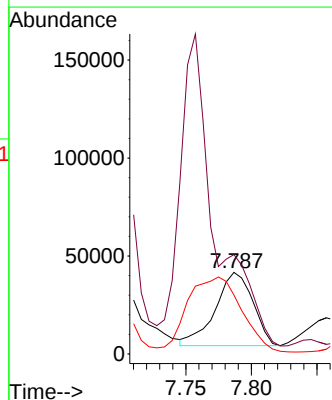
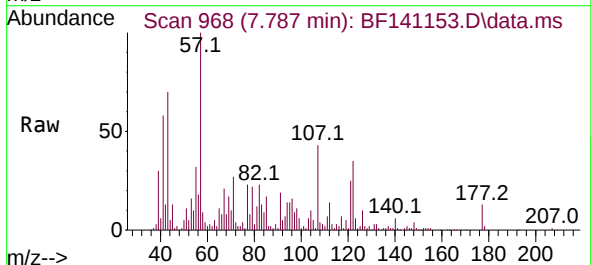
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-257952

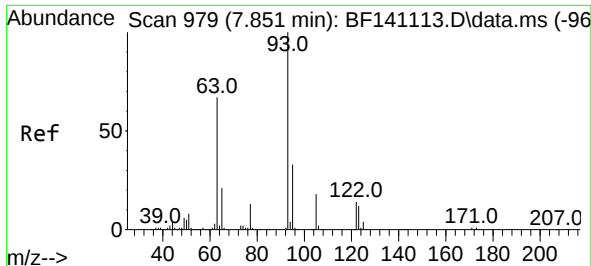
Tgt Ion: 82 Resp: 365706
Ion Ratio Lower Upper
82 100
95 6.3 5.9 8.9
138 0.4 14.2 21.2#



#27
2,4-Dimethylphenol
Concen: 10.442 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.035 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

Tgt Ion:122 Resp: 74526
Ion Ratio Lower Upper
122 100
107 121.9 90.3 135.5
121 72.1 46.5 69.7#

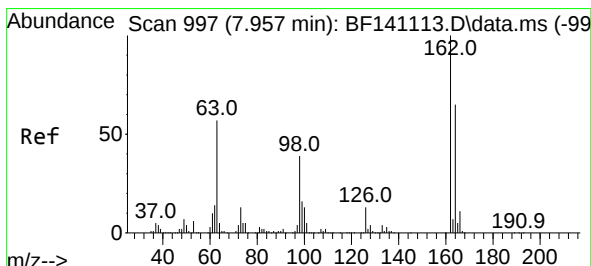
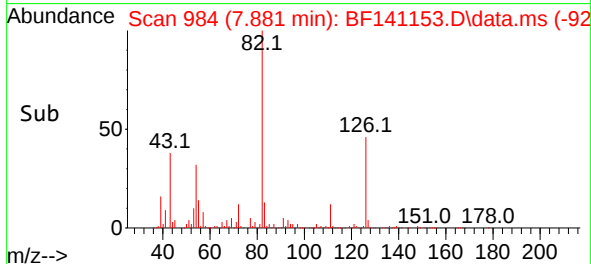
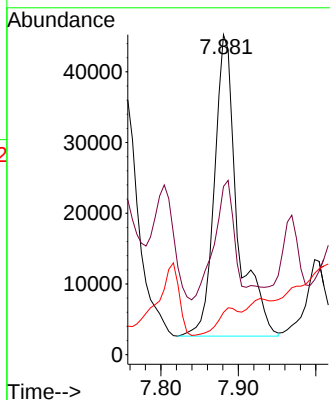
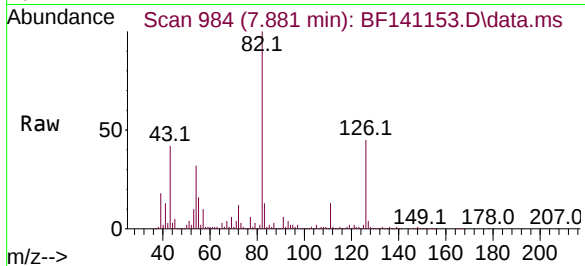




#28
bis(2-Chloroethoxy)methane
Concen: 7.343 ng
RT: 7.881 min Scan# 91
Delta R.T. 0.029 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

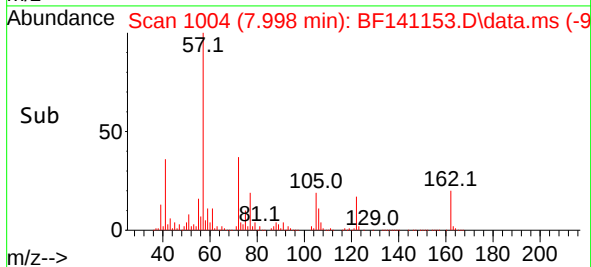
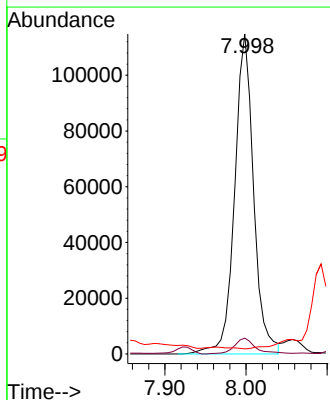
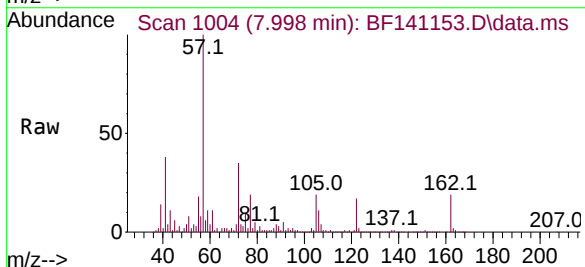
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-257952

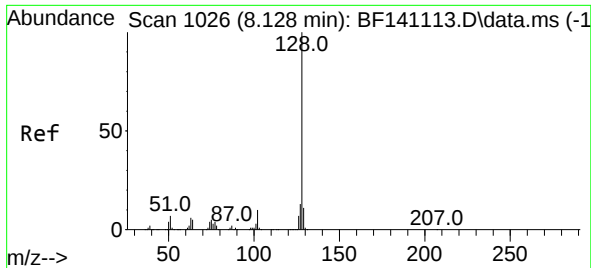
Tgt Ion: 93 Resp: 87906
Ion Ratio Lower Upper
93 100
95 52.5 26.2 39.4#
123 13.2 10.1 15.1



#29
2,4-Dichlorophenol
Concen: 21.981 ng
RT: 7.998 min Scan# 1004
Delta R.T. 0.041 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

Tgt Ion: 162 Resp: 186335
Ion Ratio Lower Upper
162 100
164 4.9 44.5 84.5#
98 1.6 18.5 58.5#

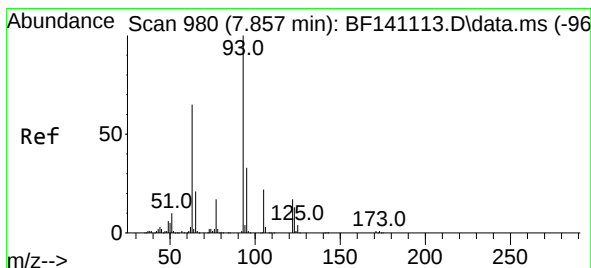
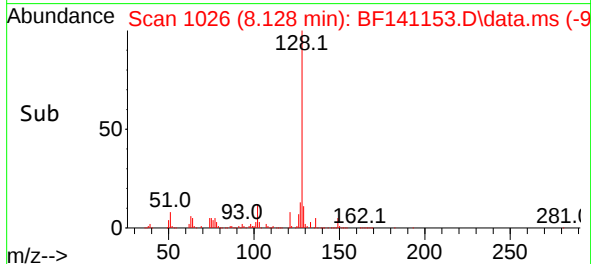
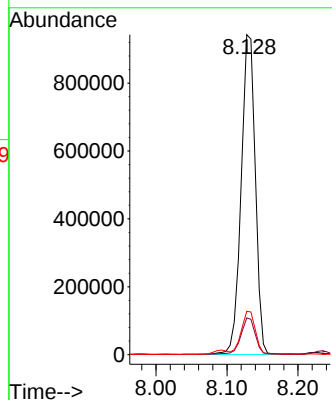
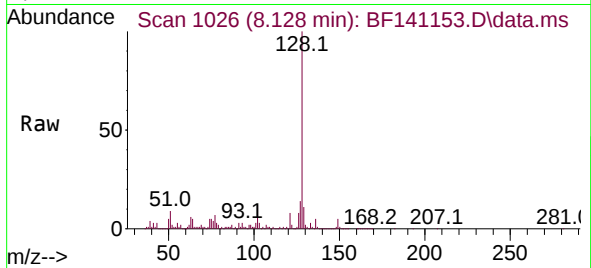




#31
Naphthalene
Concen: 42.018 ng
RT: 8.128 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

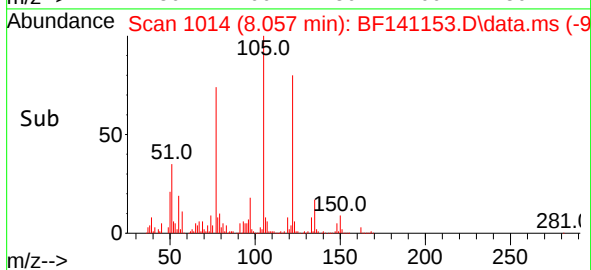
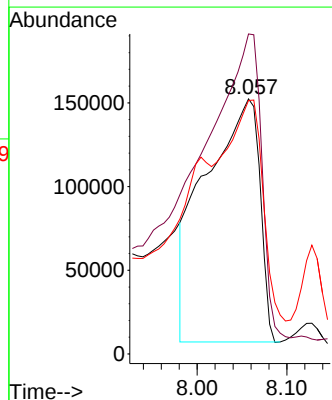
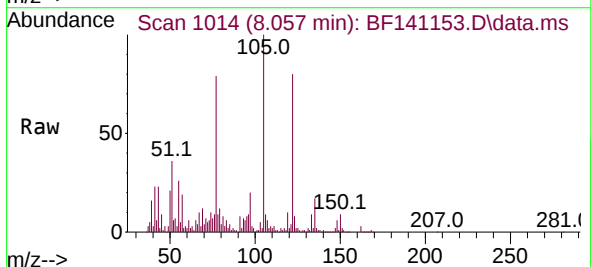
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-257952

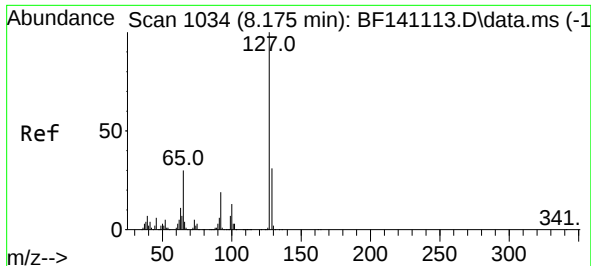
Tgt Ion:128 Resp: 1311009
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 89.846 ng
RT: 8.057 min Scan# 1014
Delta R.T. 0.200 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

Tgt Ion:122 Resp: 615154
Ion Ratio Lower Upper
122 100
105 125.5 105.5 145.5
77 99.4 75.1 115.1

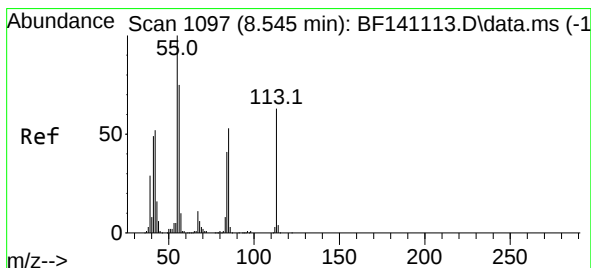
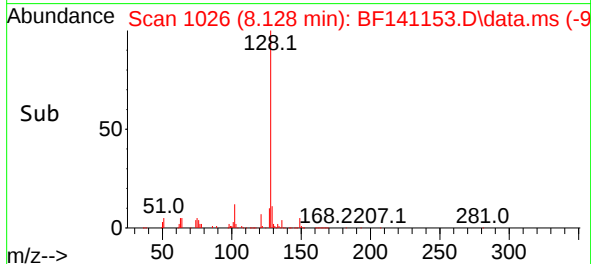
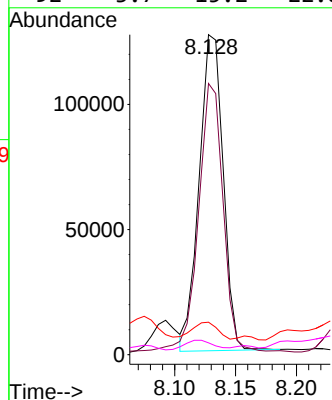
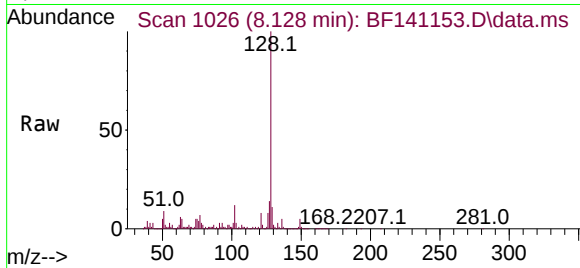




#33
4-Chloroaniline
Concen: 16.060 ng
RT: 8.128 min Scan# 1094
Delta R.T. -0.047 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

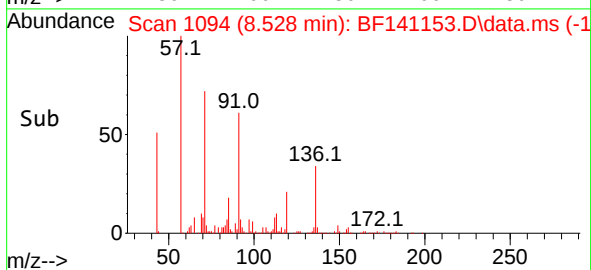
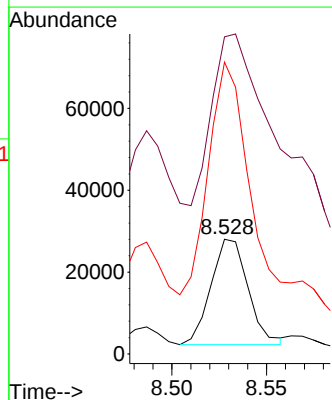
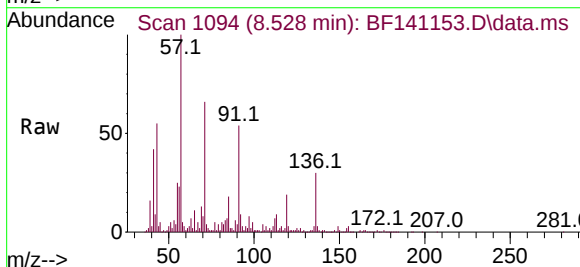
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-257952

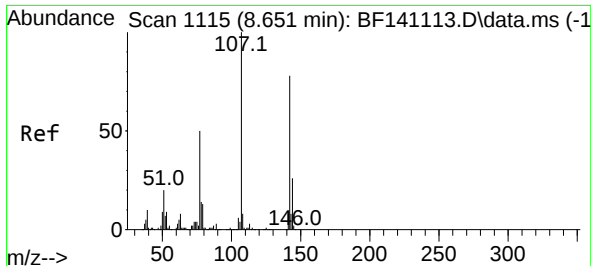
Tgt Ion:127 Resp: 173292
Ion Ratio Lower Upper
127 100
129 84.7 25.9 38.9#
65 10.1 23.8 35.8#
92 3.7 15.2 22.8#



#35
Caprolactam
Concen: 12.691 ng
RT: 8.528 min Scan# 1094
Delta R.T. -0.018 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

Tgt Ion:113 Resp: 35222
Ion Ratio Lower Upper
113 100
55 276.5 139.7 179.7#
56 254.5 99.4 139.4#

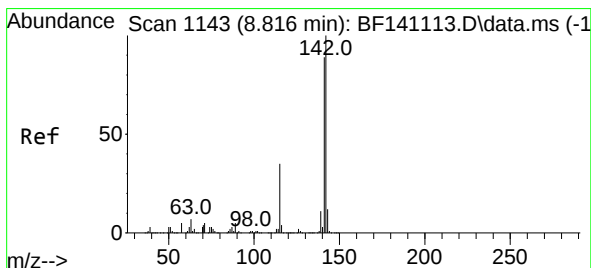
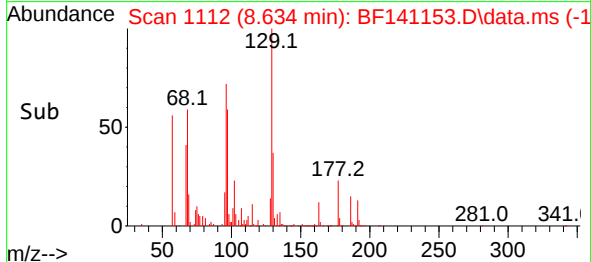
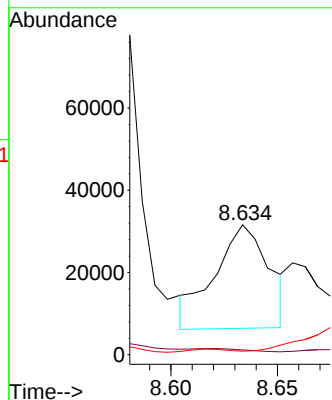
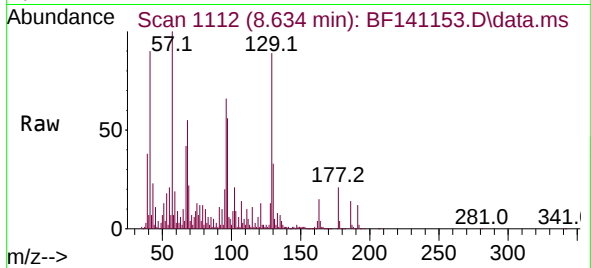




#36
4-Chloro-3-methylphenol
Concen: 4.826 ng
RT: 8.634 min Scan# 1112
Delta R.T. -0.018 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

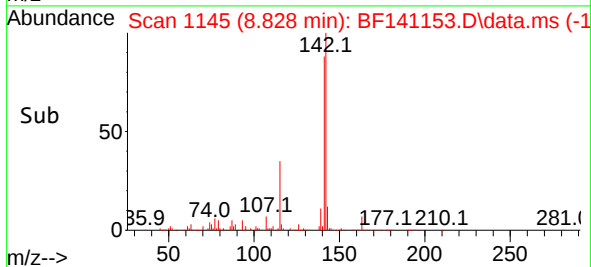
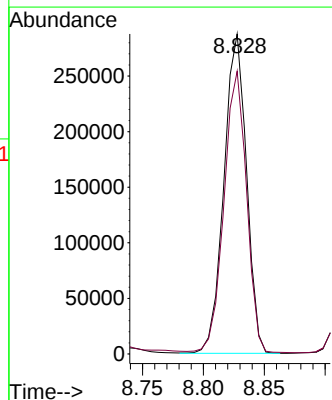
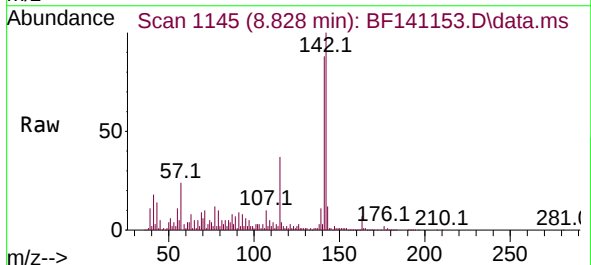
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-257952

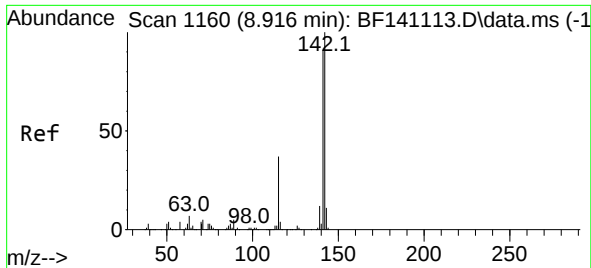
Tgt Ion:107 Resp: 44741
Ion Ratio Lower Upper
107 100
144 3.7 20.4 30.6#
142 2.7 62.2 93.2#



#37
2-Methylnaphthalene
Concen: 18.625 ng
RT: 8.828 min Scan# 1145
Delta R.T. 0.012 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

Tgt Ion:142 Resp: 370307
Ion Ratio Lower Upper
142 100
141 88.4 71.3 106.9

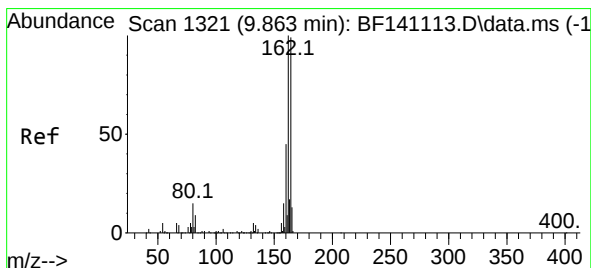
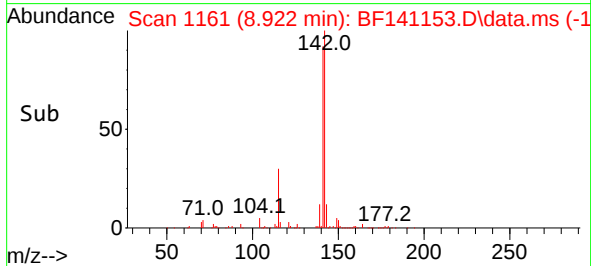
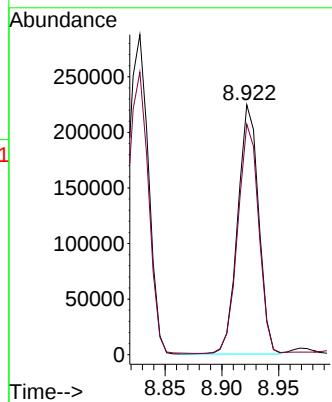
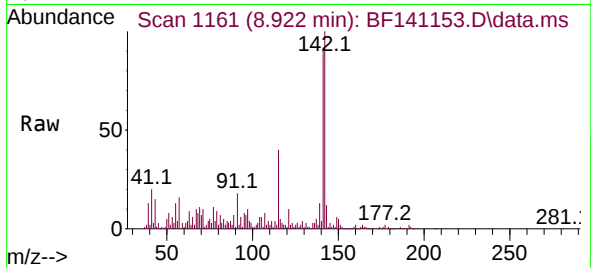




#38
1-Methylnaphthalene
Concen: 14.656 ng
RT: 8.922 min Scan# 1160
Delta R.T. 0.006 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

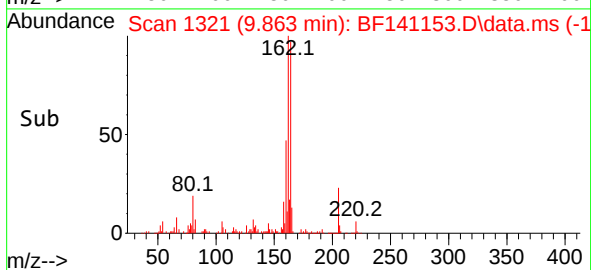
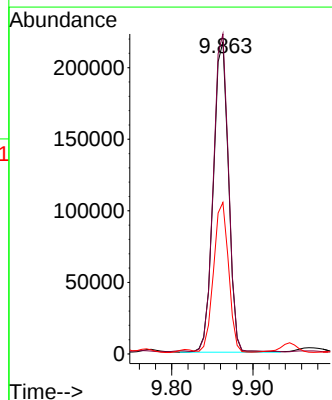
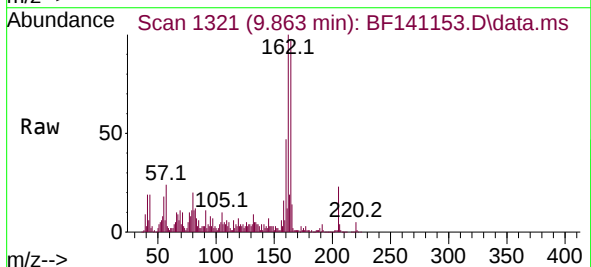
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-257952

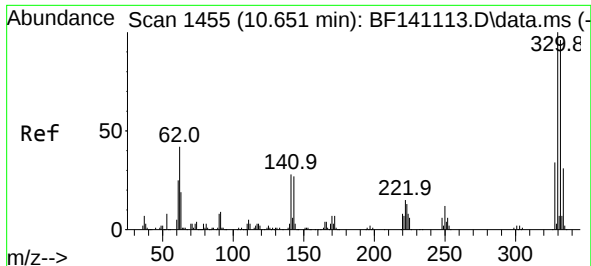
Tgt Ion:142 Resp: 287190
Ion Ratio Lower Upper
142 100
141 92.3 73.1 109.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

Tgt Ion:164 Resp: 282324
Ion Ratio Lower Upper
164 100
162 102.6 81.0 121.4
160 48.6 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 130.213 ng

RT: 10.657 min Scan# 1455

Delta R.T. 0.006 min

Lab File: BF141153.D

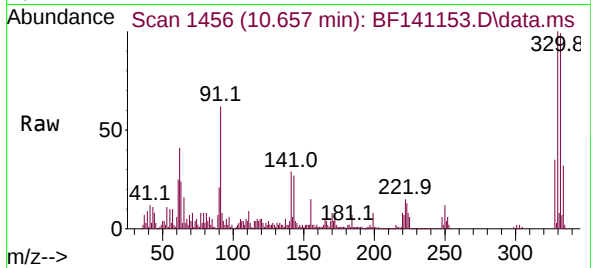
Acq: 14 Jan 2025 18:38

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257952



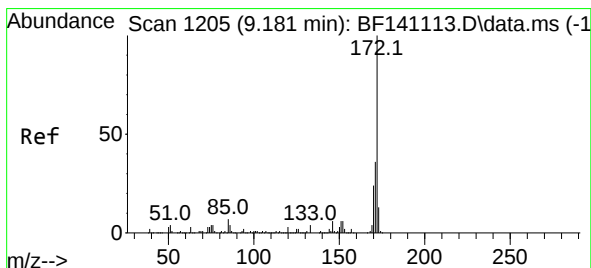
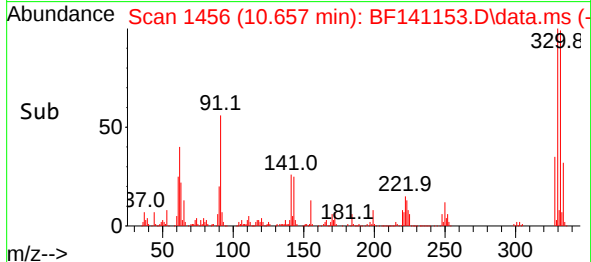
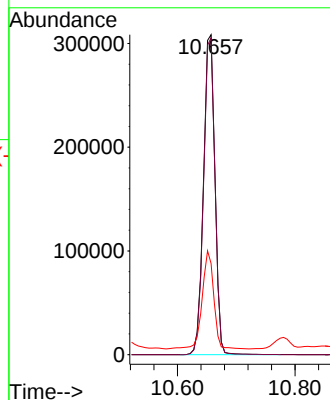
Tgt Ion:330 Resp: 418883

Ion Ratio Lower Upper

330 100

332 98.4 76.9 115.3

141 30.8 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 93.069 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.006 min

Lab File: BF141153.D

Acq: 14 Jan 2025 18:38

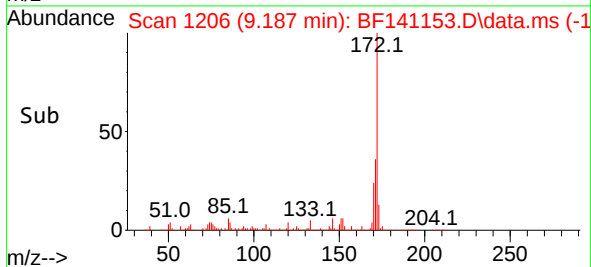
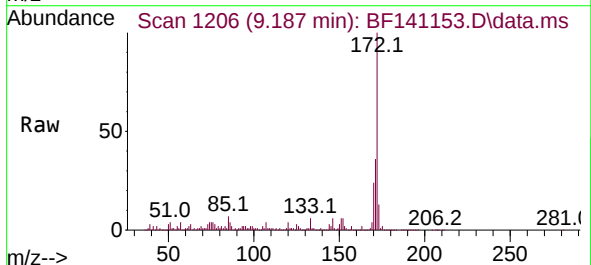
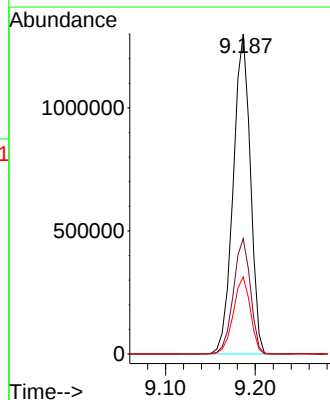
Tgt Ion:172 Resp: 1720687

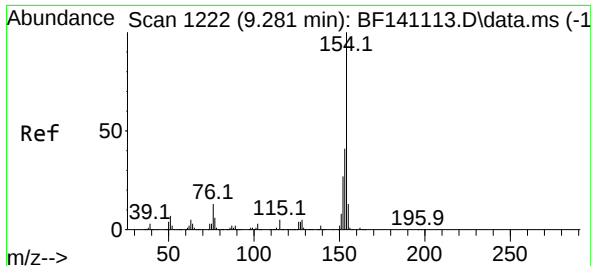
Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

170 24.0 19.0 28.6





#46

1,1'-Biphenyl

Concen: 6.180 ng

RT: 9.281 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF141153.D

Acq: 14 Jan 2025 18:38

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257952

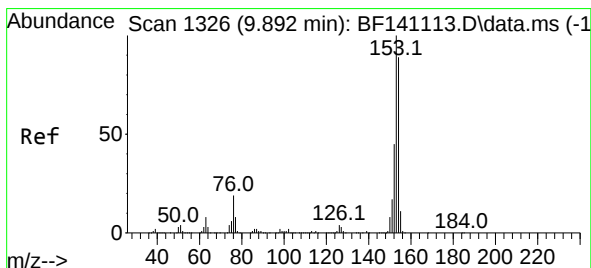
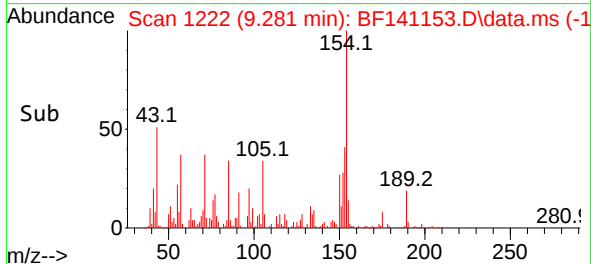
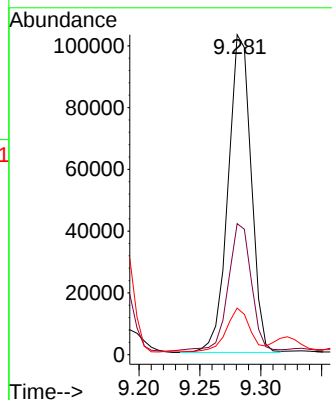
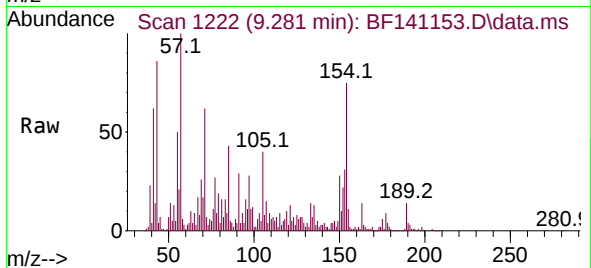
Tgt Ion:154 Resp: 135507

Ion Ratio Lower Upper

154 100

153 40.9 20.7 60.7

76 14.5 0.0 33.1



#52

Acenaphthene

Concen: 2.769 ng

RT: 9.892 min Scan# 1326

Delta R.T. 0.000 min

Lab File: BF141153.D

Acq: 14 Jan 2025 18:38

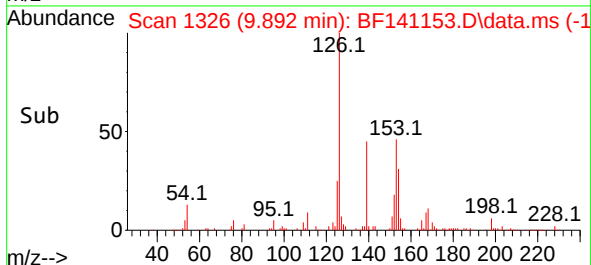
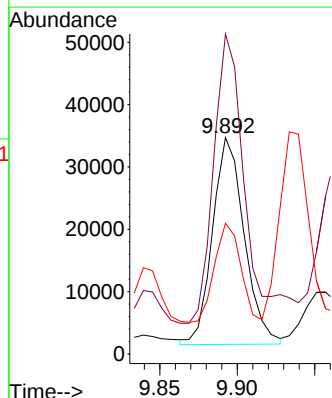
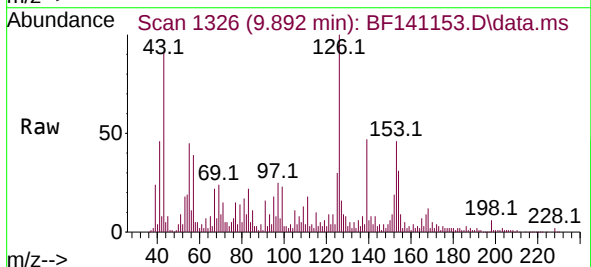
Tgt Ion:154 Resp: 47199

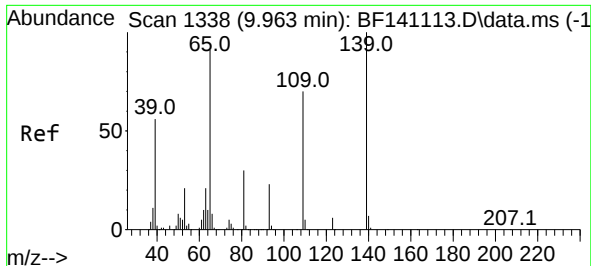
Ion Ratio Lower Upper

154 100

153 147.8 89.8 134.6#

152 60.4 40.8 61.2

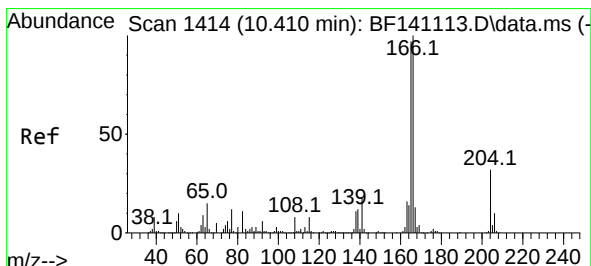
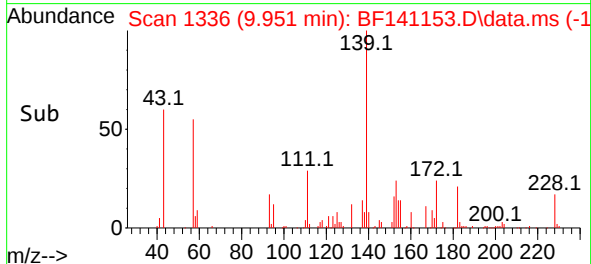
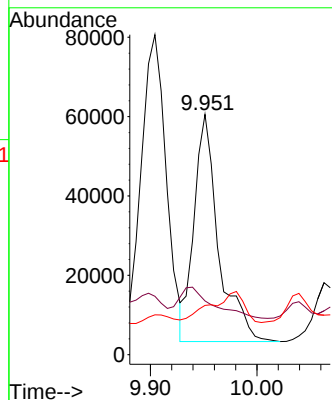
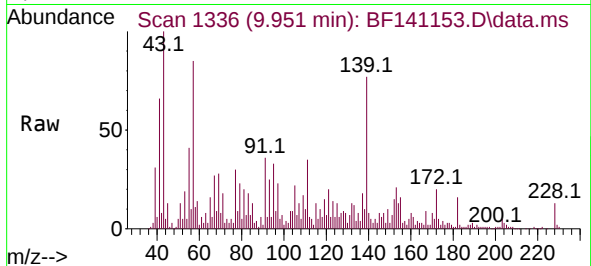




#56
4-Nitrophenol
Concen: 26.158 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

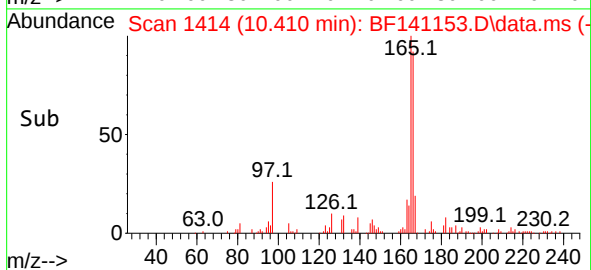
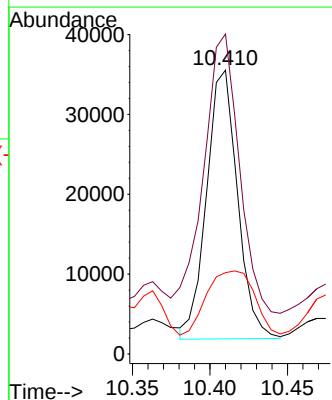
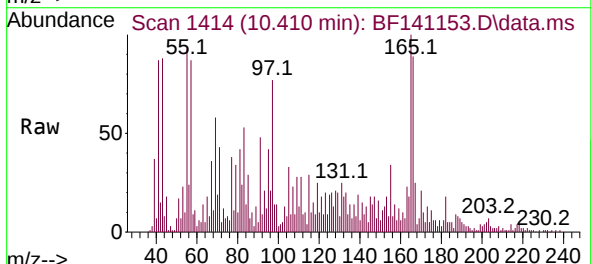
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-257952

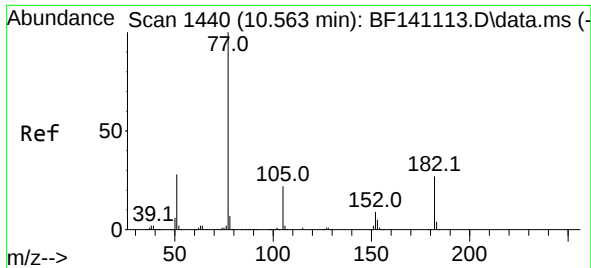
Tgt Ion:139 Resp: 91758
Ion Ratio Lower Upper
139 100
109 22.4 50.2 90.2#
65 20.5 72.1 112.1#



#58
Fluorene
Concen: 2.599 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

Tgt Ion:166 Resp: 46809
Ion Ratio Lower Upper
166 100
165 112.7 77.8 116.8
167 28.6 10.8 16.2#

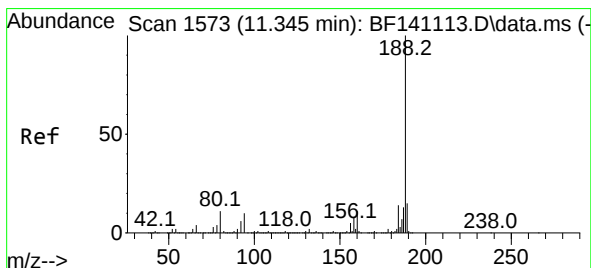
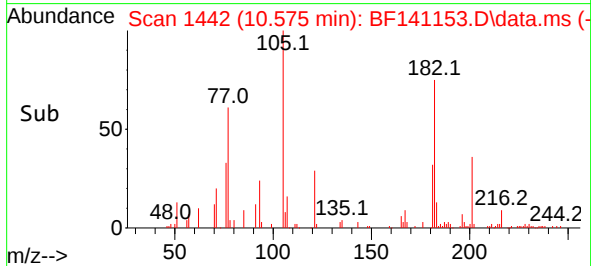
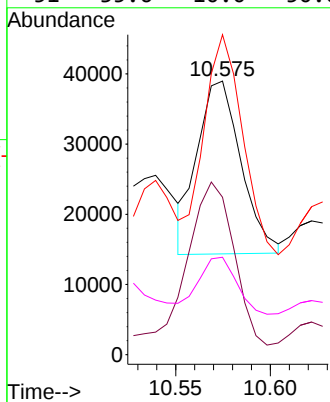
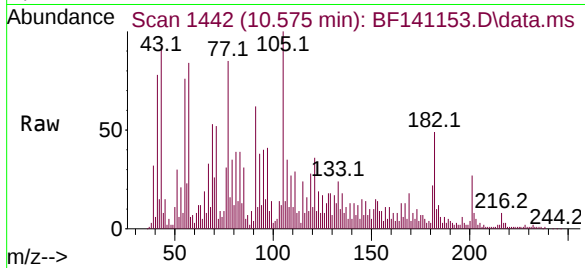




#63
Azobenzene
Concen: 2.170 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

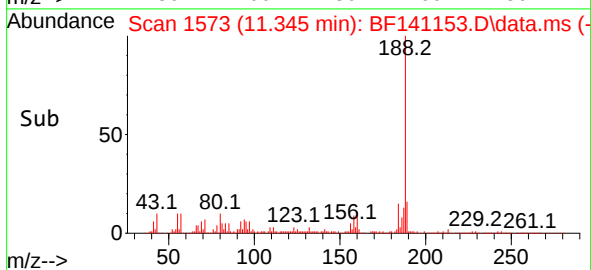
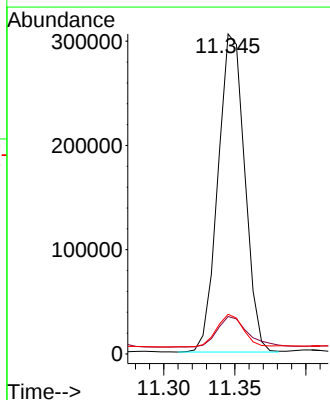
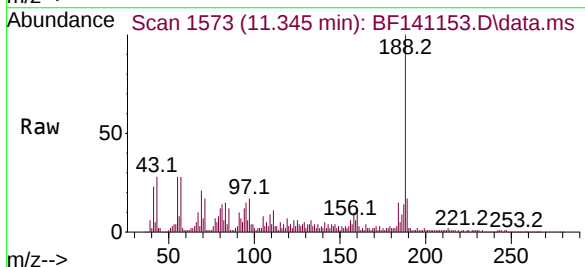
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-257952

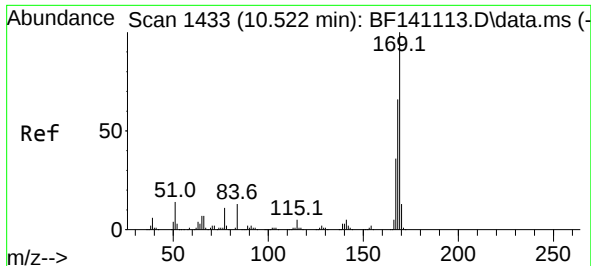
Tgt Ion: 77	Resp: 39614
Ion Ratio	Lower Upper
77 100	
182 57.5	6.1 46.1#
105 117.0	2.1 42.1#
51 35.6	10.0 50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

Tgt Ion:188	Resp: 399017
Ion Ratio	Lower Upper
188 100	
94 11.7	8.3 12.5
80 12.4	9.0 13.4

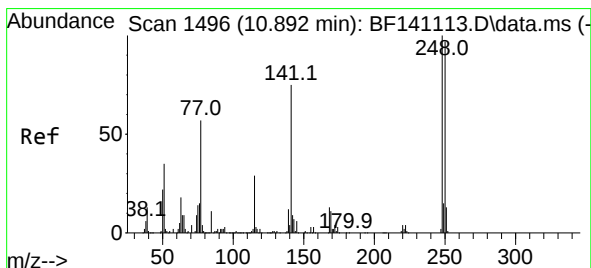
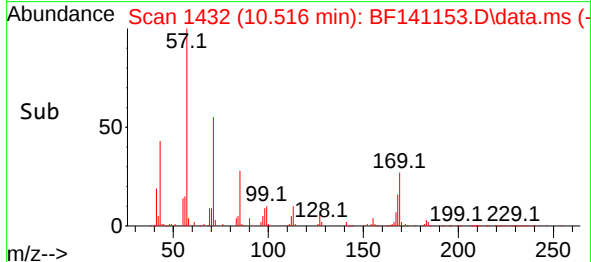
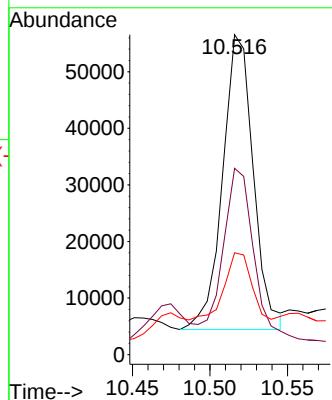
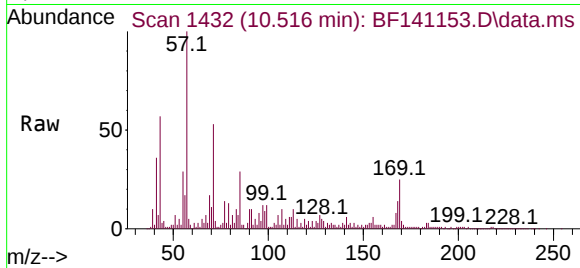




#66
n-Nitrosodiphenylamine
Concen: 5.582 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

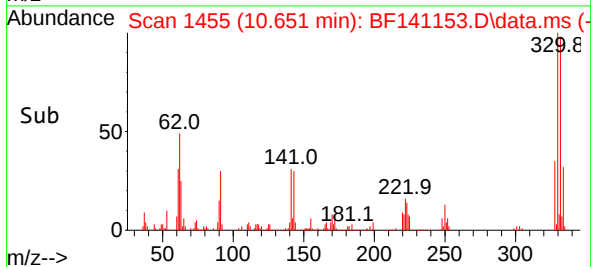
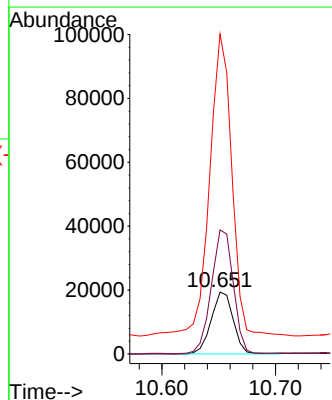
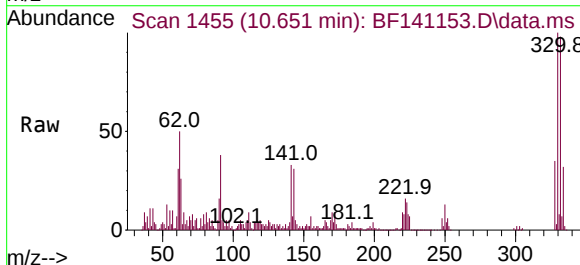
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-257952

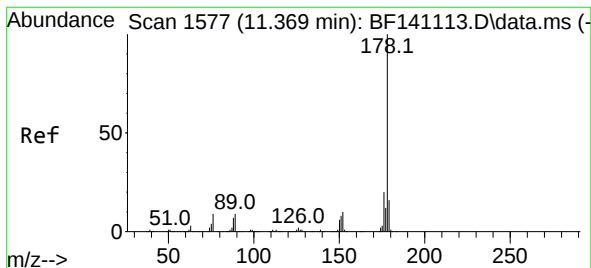
Tgt Ion:169 Resp: 71840
Ion Ratio Lower Upper
169 100
168 58.3 52.5 78.7
167 31.9 28.9 43.3



#67
4-Bromophenyl-phenylether
Concen: 5.718 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.241 min
Lab File: BF141153.D
Acq: 14 Jan 2025 18:38

Tgt Ion:248 Resp: 26270
Ion Ratio Lower Upper
248 100
250 200.4 77.9 116.9#
141 517.0 59.9 89.9#





#71

Phenanthrene

Concen: 4.701 ng

RT: 11.369 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141153.D

Acq: 14 Jan 2025 18:38

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257952

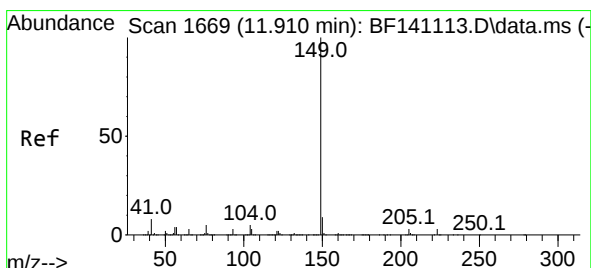
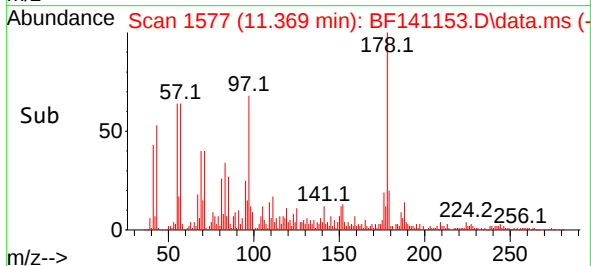
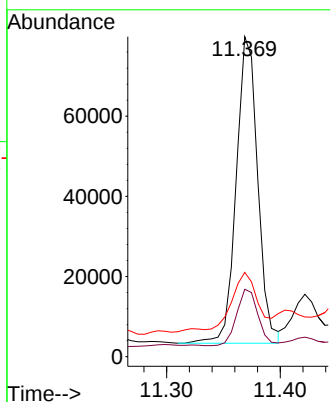
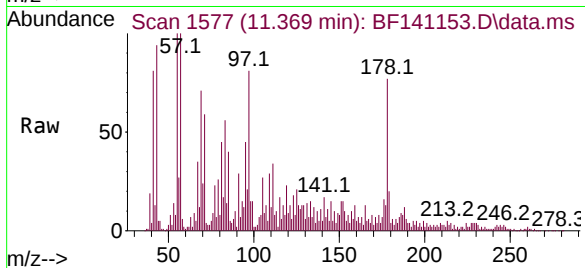
Tgt Ion:178 Resp: 100697

Ion Ratio Lower Upper

178 100

176 21.0 15.7 23.5

179 26.3 12.6 19.0#



#74

Di-n-butylphthalate

Concen: 6.264 ng

RT: 11.916 min Scan# 1670

Delta R.T. 0.006 min

Lab File: BF141153.D

Acq: 14 Jan 2025 18:38

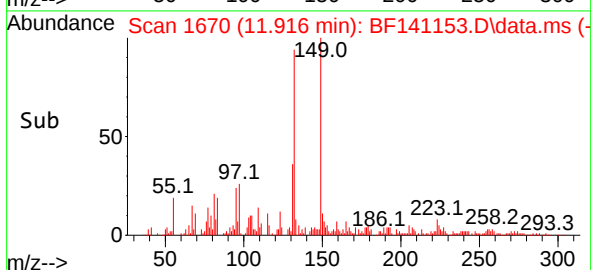
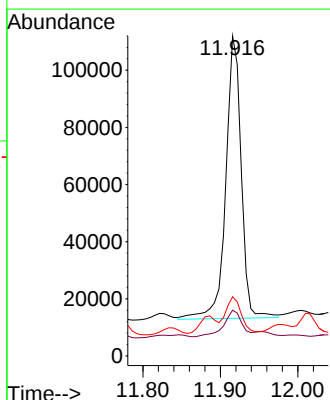
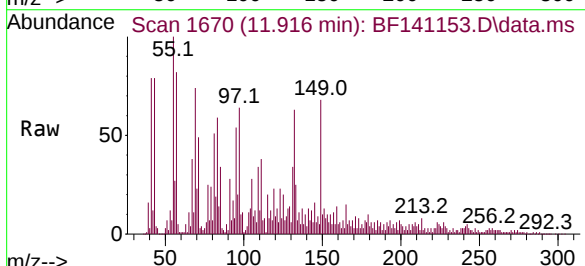
Tgt Ion:149 Resp: 136918

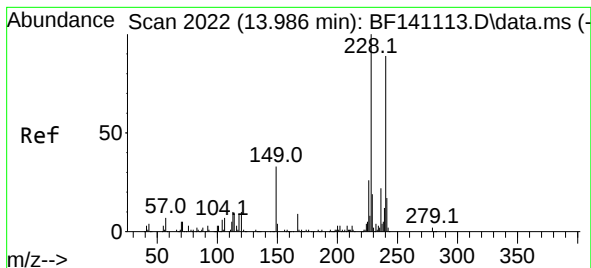
Ion Ratio Lower Upper

149 100

150 14.3 7.4 11.2#

104 18.5 4.2 6.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141153.D

Acq: 14 Jan 2025 18:38

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257952

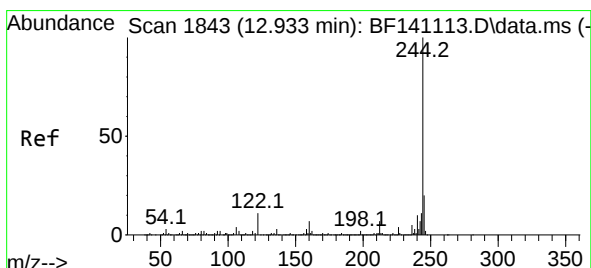
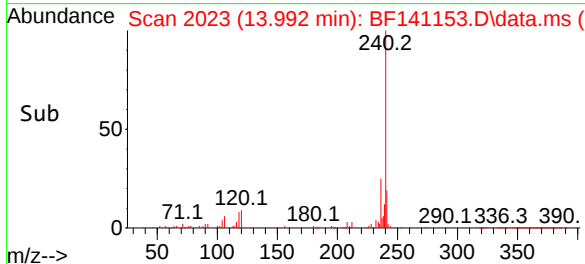
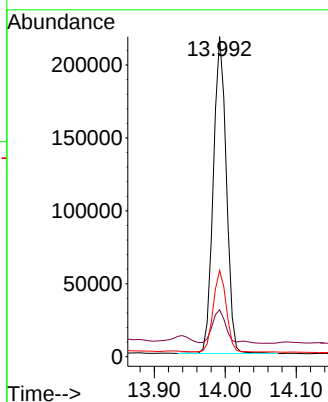
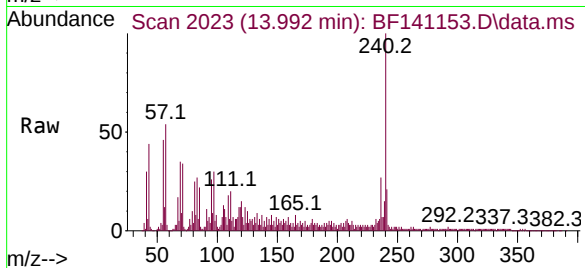
Tgt Ion:240 Resp: 276676

Ion Ratio Lower Upper

240 100

120 14.7 9.1 13.7#

236 26.9 19.8 29.6



#79

Terphenyl-d14

Concen: 68.839 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.012 min

Lab File: BF141153.D

Acq: 14 Jan 2025 18:38

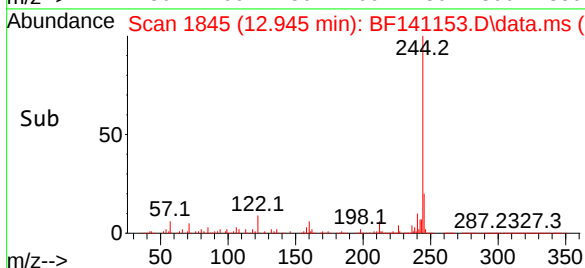
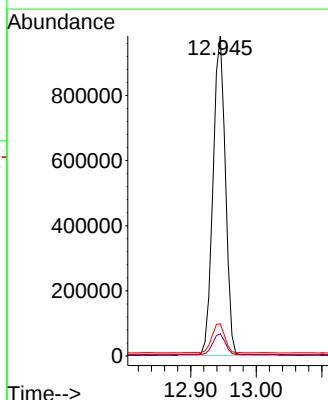
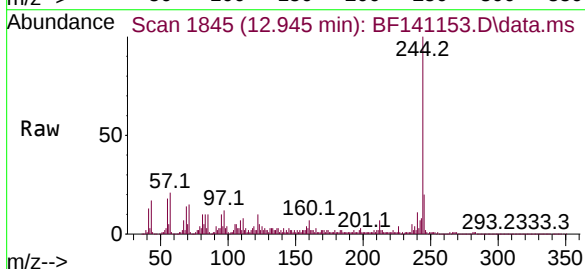
Tgt Ion:244 Resp: 1281432

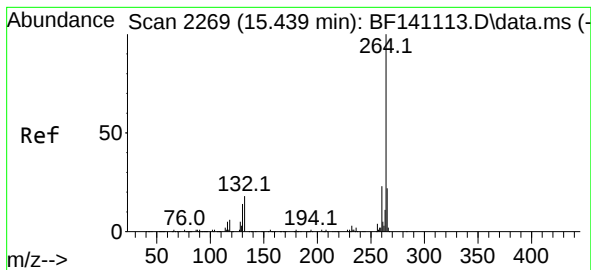
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 10.0 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141153.D

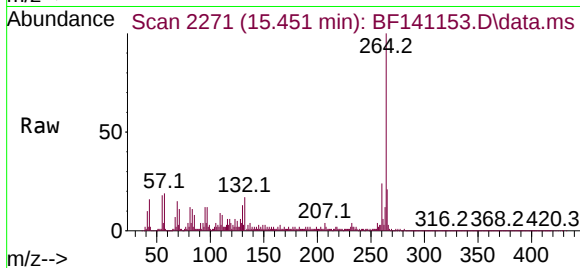
Acq: 14 Jan 2025 18:38

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257952



Tgt Ion:264 Resp: 319811

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.5 17.4 26.0

