

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142257.D
 Acq On : 01 May 2025 13:40
 Operator : RC/JU
 Sample : Q1890-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-WTS-07

Quant Time: May 01 14:05:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

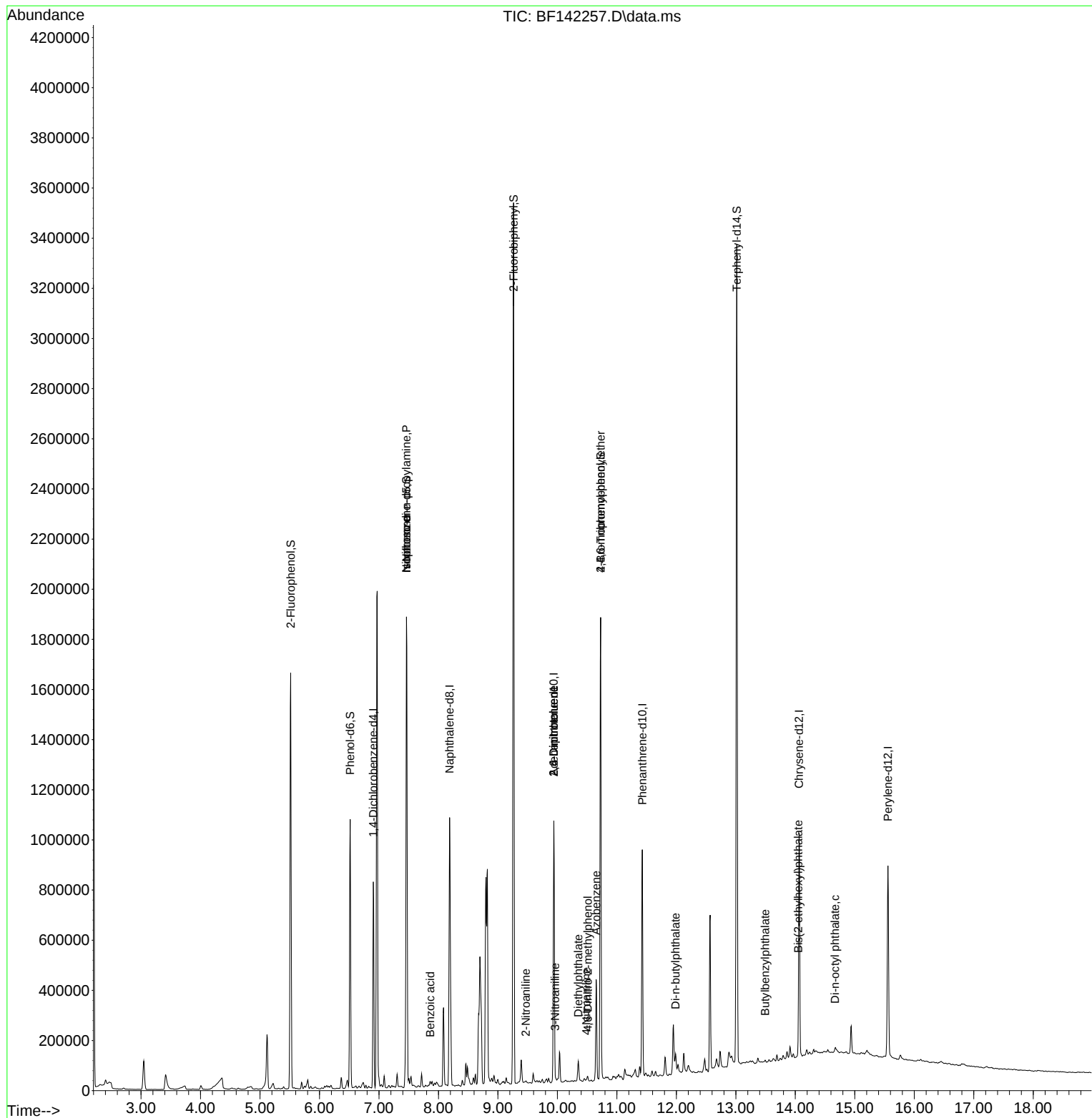
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	170973	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	625395	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	293822	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	447576	20.000	ng	0.00
76) Chrysene-d12	14.063	240	427168	20.000	ng	-0.01
86) Perylene-d12	15.557	264	440225	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	606766	56.678	ng	0.00
7) Phenol-d6	6.516	99	450416	34.841	ng	-0.01
23) Nitrobenzene-d5	7.463	82	778309	81.761	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	309916	115.701	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1532141	73.523	ng	0.00
79) Terphenyl-d14	13.016	244	1574266	53.600	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	107796	13.494	ng	# 81
25) Isophorone	7.463	82	776838	38.884	ng	# 64
32) Benzoic acid	7.863	122	5886	11.760	ng	89
48) 2-Nitroaniline	9.469	65	448	4.859	ng	# 27
51) 2,6-Dinitrotoluene	9.939	165	38110	13.709	ng	# 24
53) 3-Nitroaniline	9.963	138	54	3.200	ng	# 1
57) 2,4-Dinitrotoluene	9.939	165	38110	12.844	ng	# 23
60) Diethylphthalate	10.351	149	43291	2.332	ng	99
62) 4-Nitroaniline	10.486	138	205	2.799	ng	# 21
63) Azobenzene	10.651	77	92178	5.029	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.510	198	927	11.101	ng	# 81
67) 4-Bromophenyl-phenylether	10.728	248	19279	3.868	ng	# 1
74) Di-n-butylphthalate	11.986	149	45978	2.027	ng	99
80) Butylbenzylphthalate	13.492	149	2378	3.920	ng	# 66
84) Bis(2-ethylhexyl)phtha...	14.051	149	7439	3.917	ng	# 89
85) Di-n-octyl phthalate	14.669	149	4290	6.205	ng	# 72

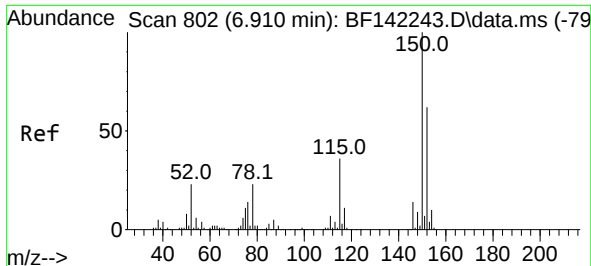
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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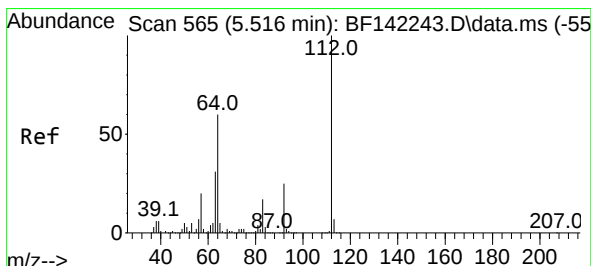
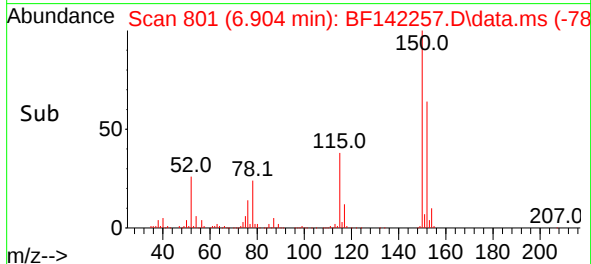
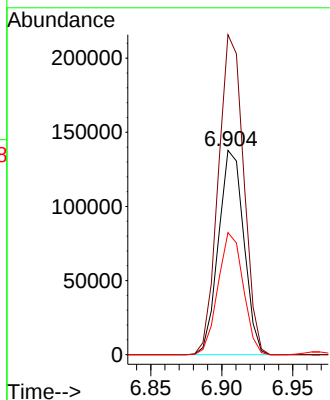
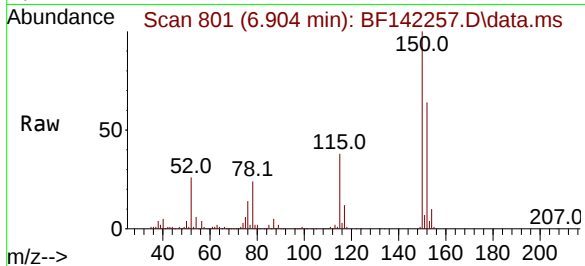




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

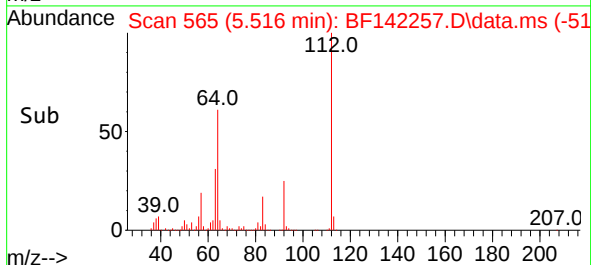
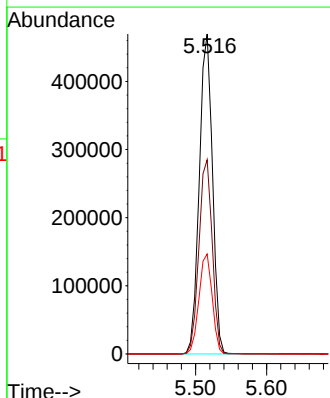
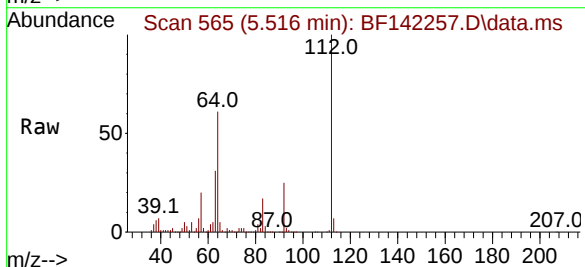
Instrument :
BNA_F
ClientSampleId :
TW-WTS-07

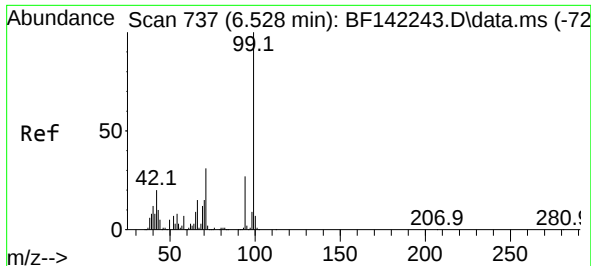
Tgt Ion:152 Resp: 170973
Ion Ratio Lower Upper
152 100
150 156.7 130.2 195.2
115 59.7 47.0 70.4



#5
2-Fluorophenol
Concen: 56.678 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.000 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Tgt Ion:112 Resp: 606766
Ion Ratio Lower Upper
112 100
64 60.7 48.4 72.6
63 31.3 24.8 37.2

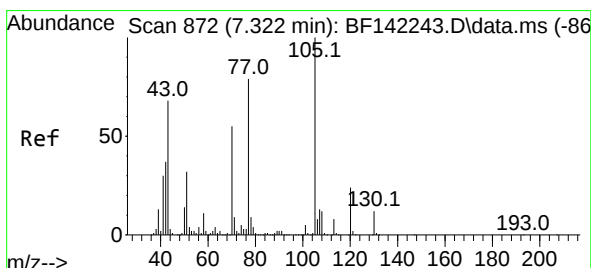
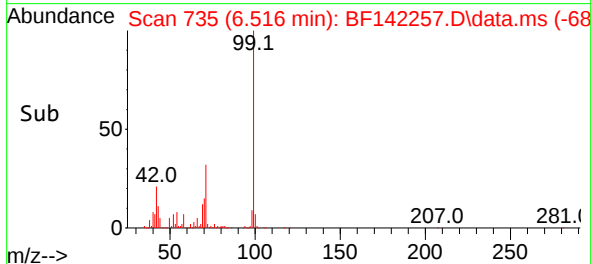
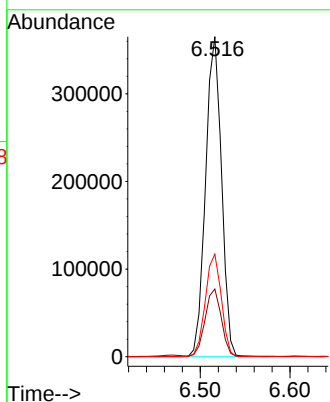
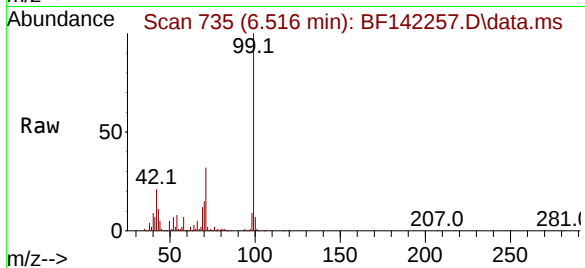




#7
Phenol-d6
Concen: 34.841 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

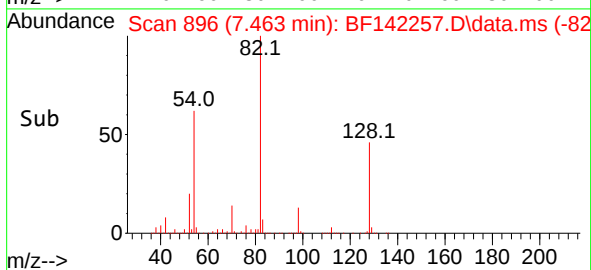
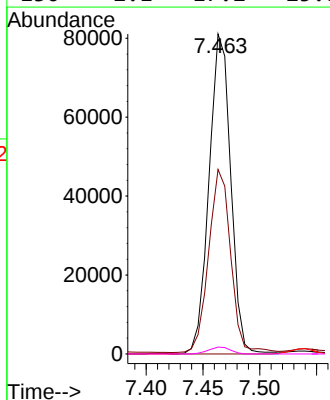
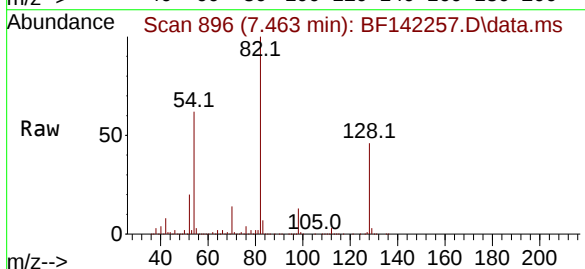
Instrument :
BNA_F
ClientSampleId :
TW-WTS-07

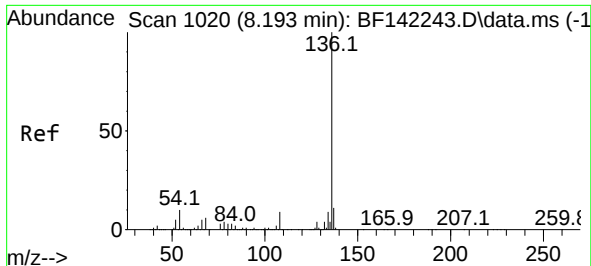
Tgt Ion: 99 Resp: 450416
Ion Ratio Lower Upper
99 100
42 21.1 16.3 24.5
71 32.0 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.494 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Tgt Ion: 70 Resp: 107796
Ion Ratio Lower Upper
70 100
42 57.7 53.4 80.2
101 0.0 7.7 11.5#
130 2.1 17.2 25.8#

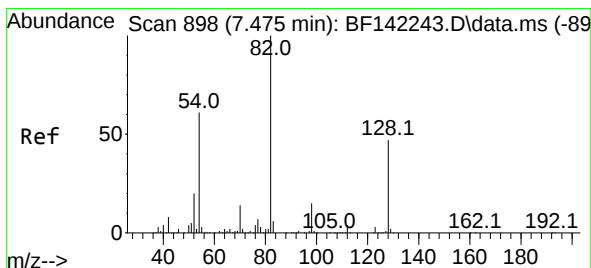
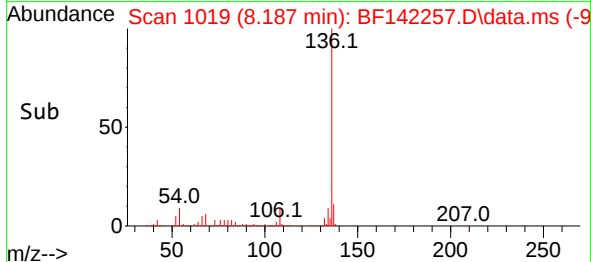
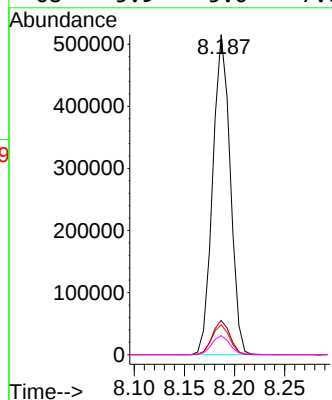
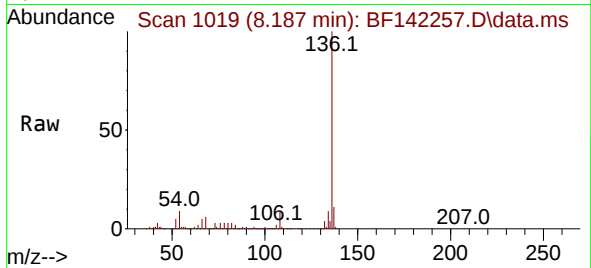




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

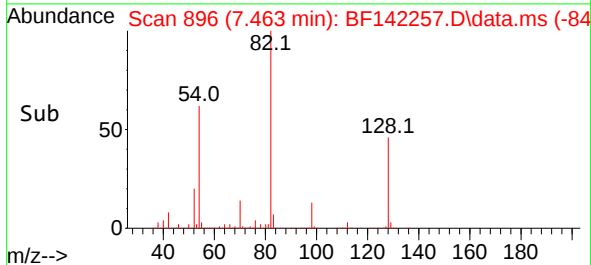
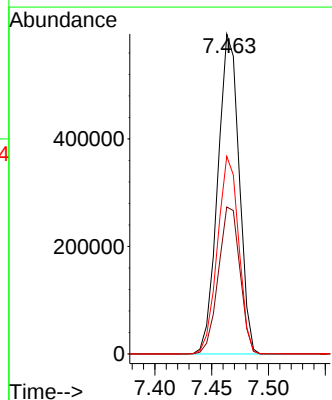
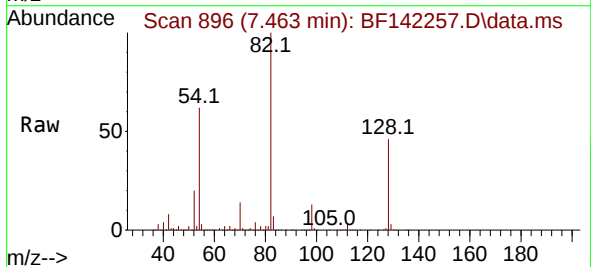
Instrument :
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ClientSampleId :
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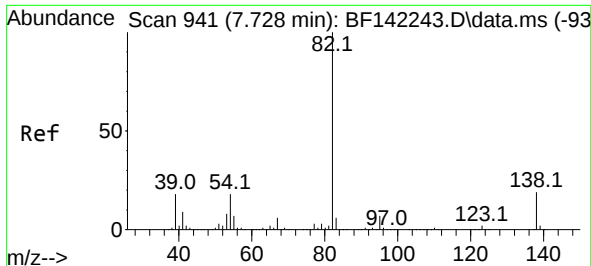
Tgt Ion:136 Resp: 625395
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.3 7.7 11.5
68 5.9 5.0 7.6



#23
Nitrobenzene-d5
Concen: 81.761 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Tgt Ion: 82 Resp: 778309
Ion Ratio Lower Upper
82 100
128 45.9 37.0 55.6
54 61.8 48.0 72.0

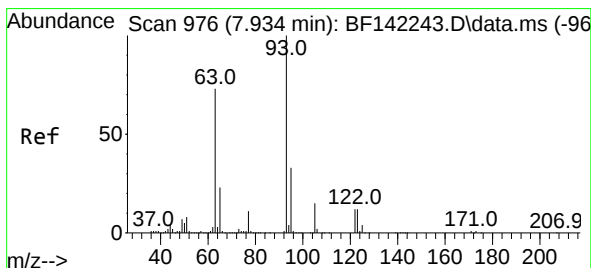
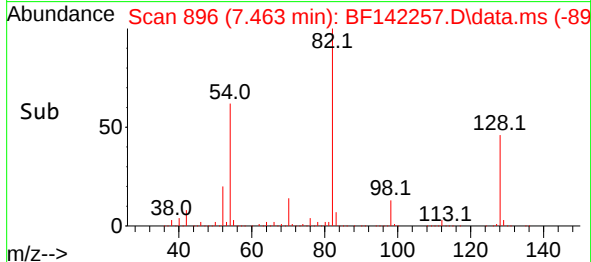
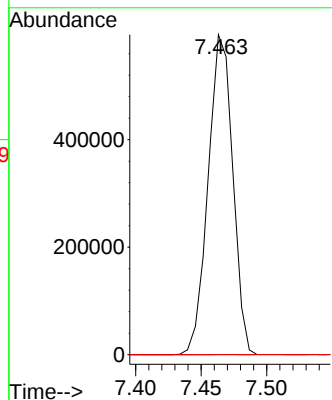
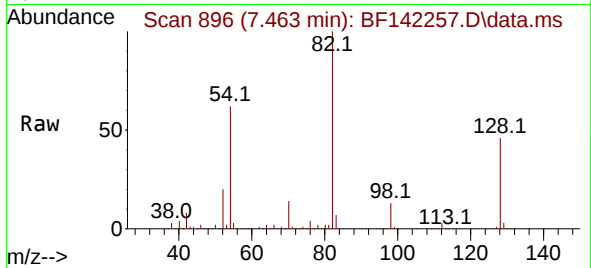




#25
Isophorone
Concen: 38.884 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

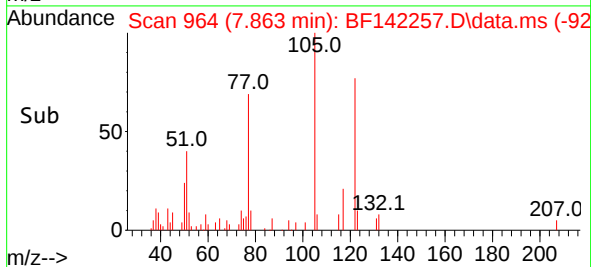
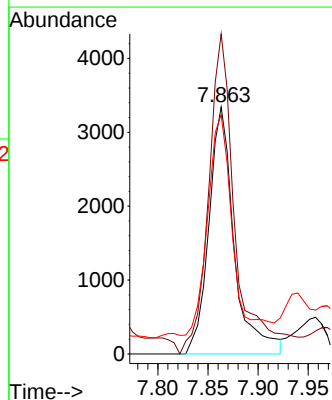
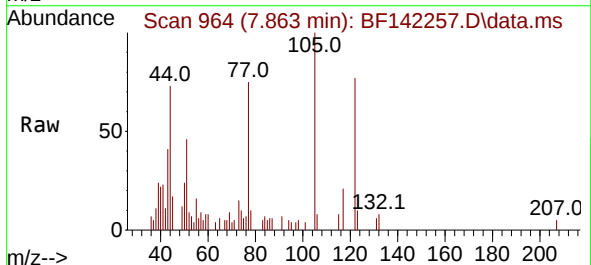
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ClientSampleId :
TW-WTS-07

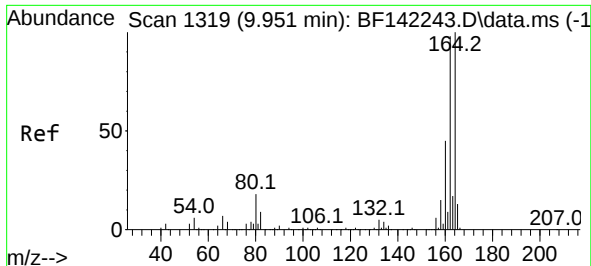
Tgt Ion: 82 Resp: 776838
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.3 22.9#



#32
Benzoic acid
Concen: 11.760 ng
RT: 7.863 min Scan# 964
Delta R.T. -0.071 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Tgt Ion:122 Resp: 5886
Ion Ratio Lower Upper
122 100
105 129.6 98.2 138.2
77 96.9 66.8 106.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142257.D

Acq: 01 May 2025 13:40

Instrument :

BNA_F

ClientSampleId :

TW-WTS-07

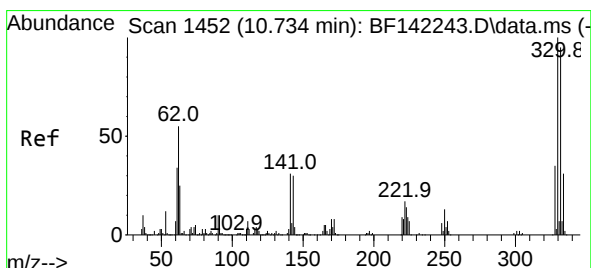
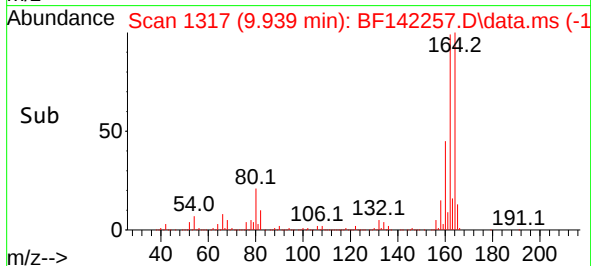
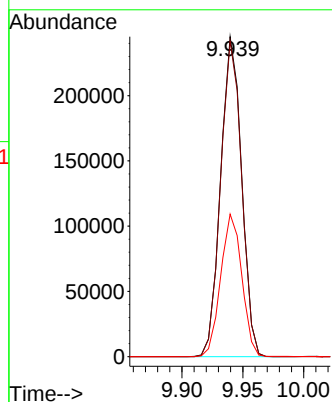
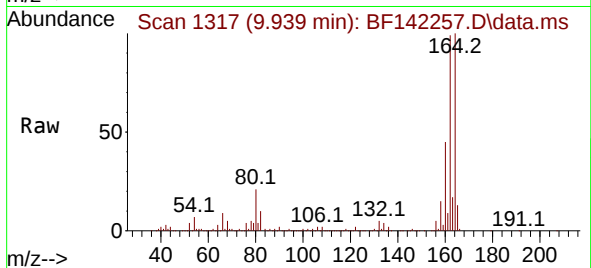
Tgt Ion:164 Resp: 293822

Ion Ratio Lower Upper

164 100

162 98.6 78.6 117.8

160 44.6 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 115.701 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142257.D

Acq: 01 May 2025 13:40

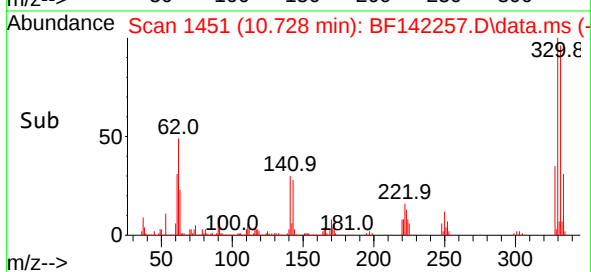
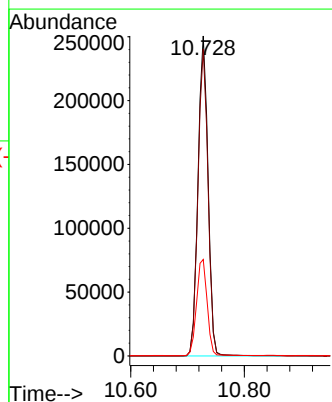
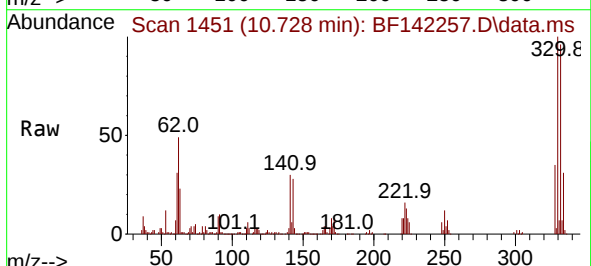
Tgt Ion:330 Resp: 309916

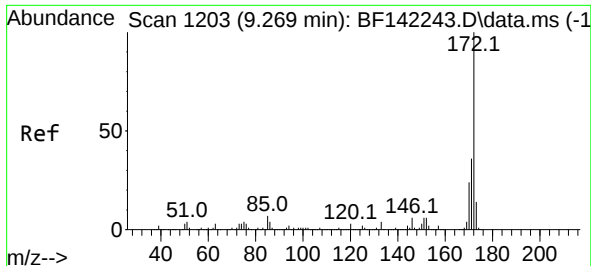
Ion Ratio Lower Upper

330 100

332 95.8 76.5 114.7

141 31.7 24.3 36.5

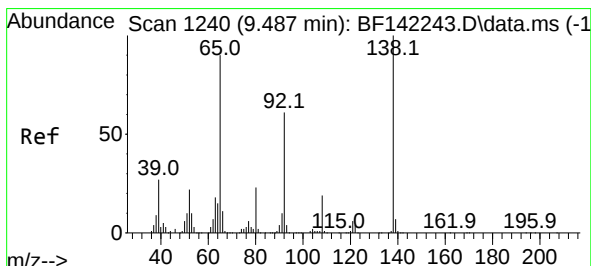
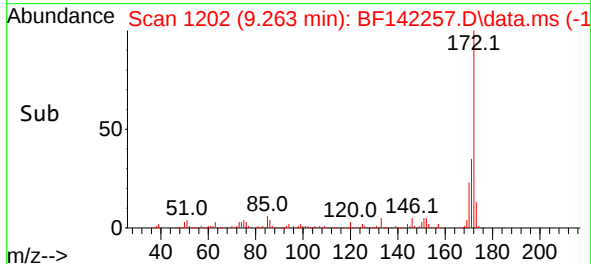
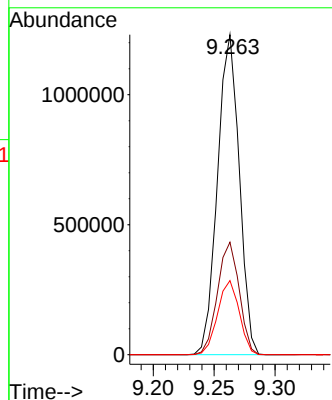
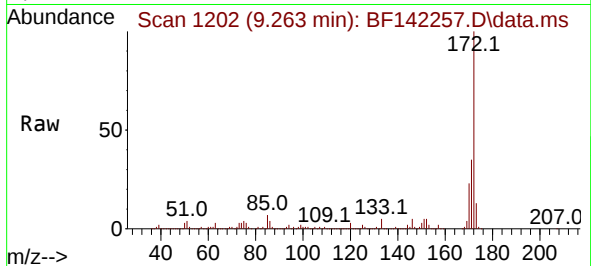




#45
2-Fluorobiphenyl
Concen: 73.523 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

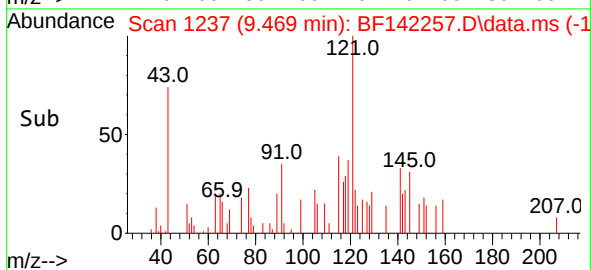
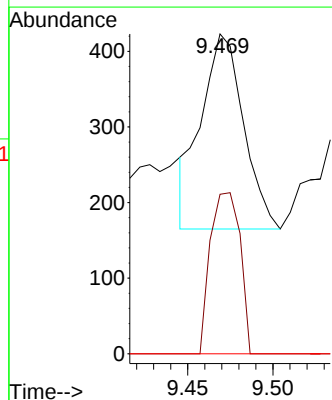
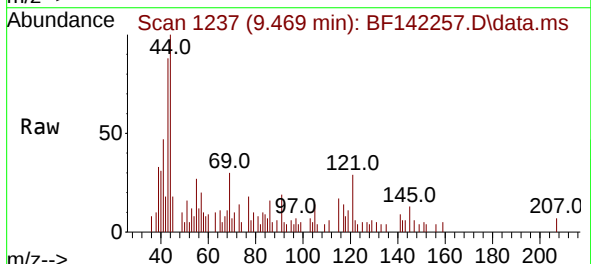
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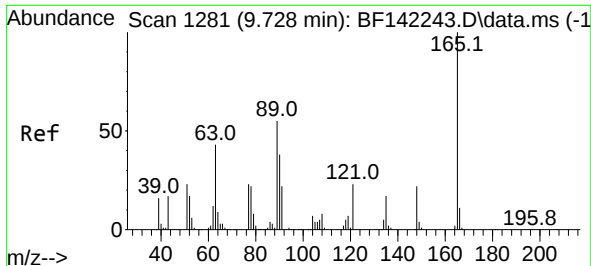
Tgt Ion:172 Resp: 1532141
Ion Ratio Lower Upper
172 100
171 35.2 29.0 43.4
170 23.2 19.4 29.0



#48
2-Nitroaniline
Concen: 4.859 ng
RT: 9.469 min Scan# 1237
Delta R.T. -0.018 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Tgt Ion: 65 Resp: 448
Ion Ratio Lower Upper
65 100
92 49.9 54.3 81.5#
138 0.0 88.6 133.0#

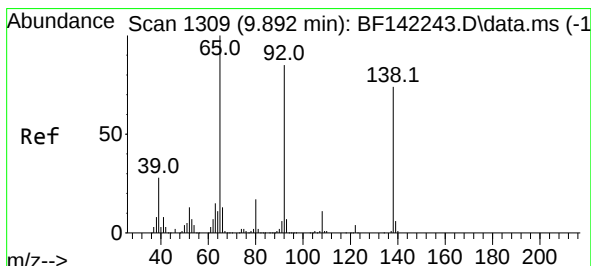
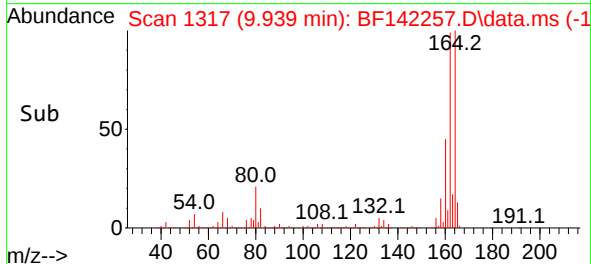
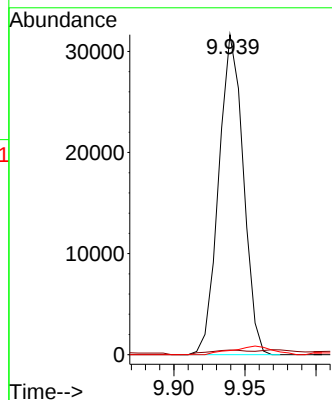
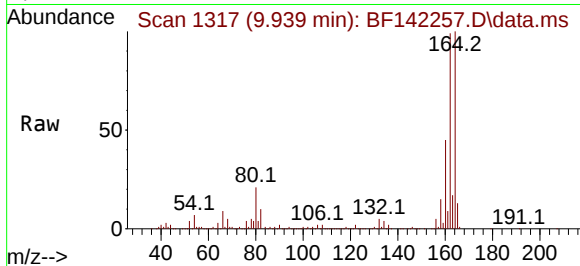




#51
2,6-Dinitrotoluene
Concen: 13.709 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

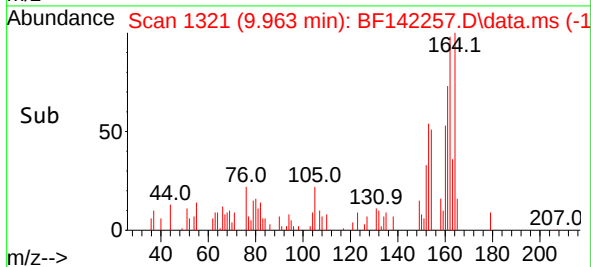
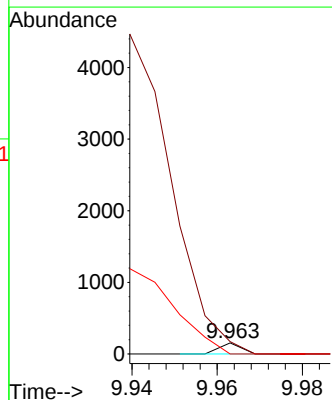
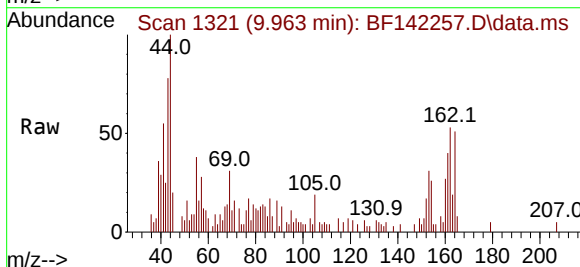
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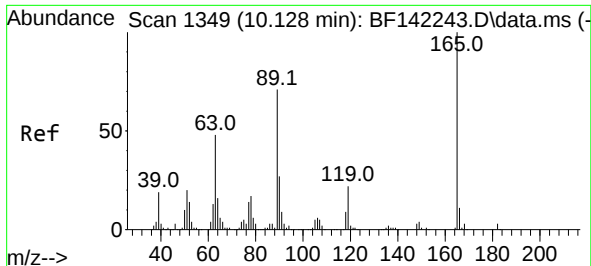
Tgt Ion:165 Resp: 38110
Ion Ratio Lower Upper
165 100
63 1.5 48.5 72.7#
89 1.3 43.9 65.9#



#53
3-Nitroaniline
Concen: 3.200 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.071 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Tgt Ion:138 Resp: 54
Ion Ratio Lower Upper
138 100
108 112.3 11.7 17.5#
92 0.0 91.2 136.8#

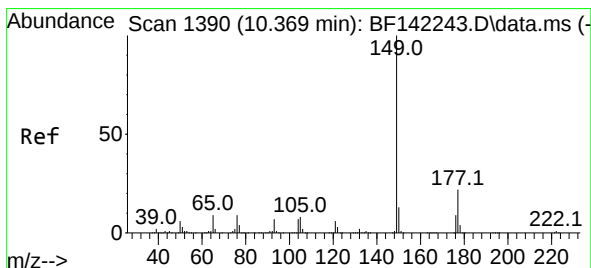
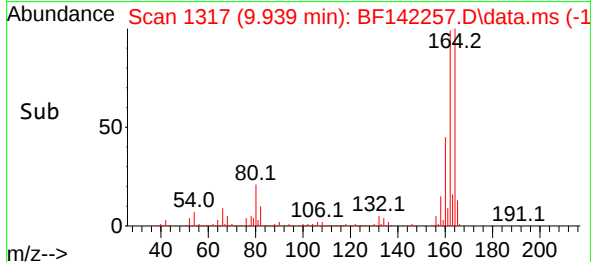
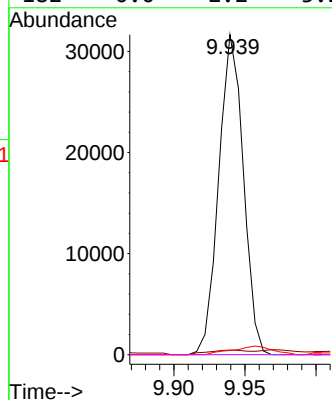
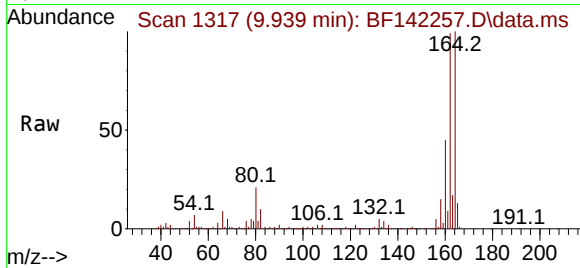




#57
2,4-Dinitrotoluene
Concen: 12.844 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

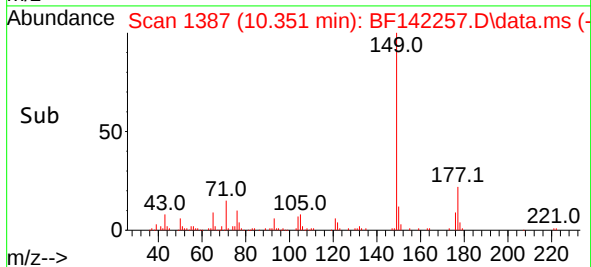
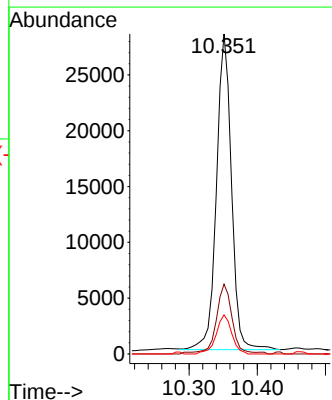
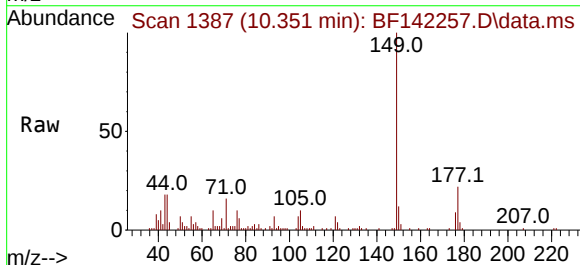
Instrument :
BNA_F
ClientSampleId :
TW-WTS-07

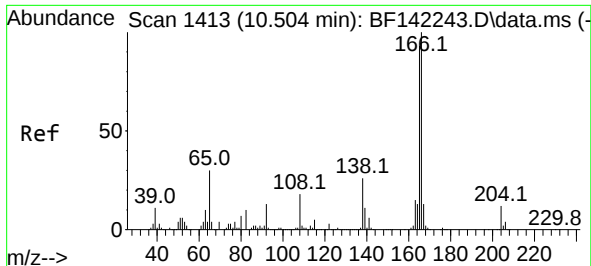
Tgt Ion:165 Resp: 38110
Ion Ratio Lower Upper
165 100
63 1.5 38.8 58.2#
89 1.3 57.1 85.7#
182 0.0 2.2 3.2#



#60
Diethylphthalate
Concen: 2.332 ng
RT: 10.351 min Scan# 1387
Delta R.T. -0.018 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Tgt Ion:149 Resp: 43291
Ion Ratio Lower Upper
149 100
177 21.8 17.6 26.4
150 12.2 10.2 15.2

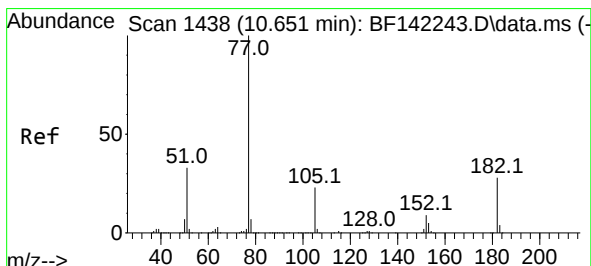
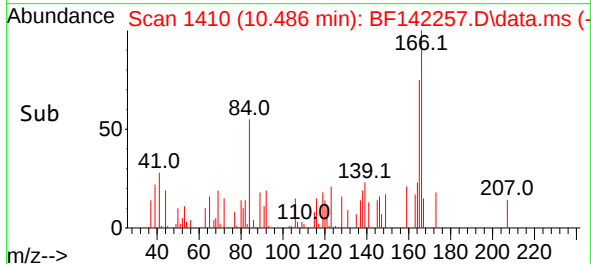
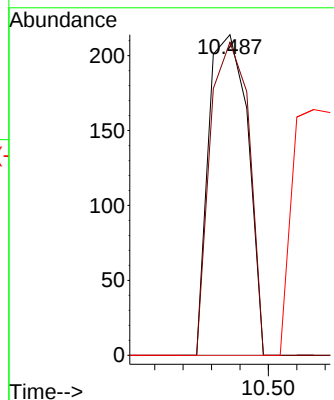
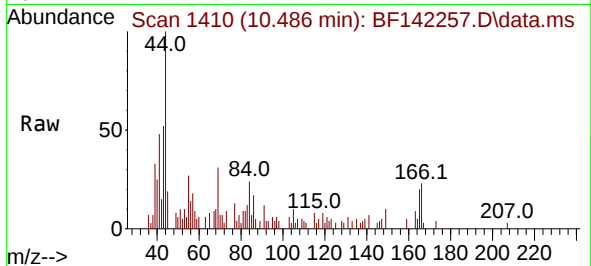




#62
4-Nitroaniline
Concen: 2.799 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

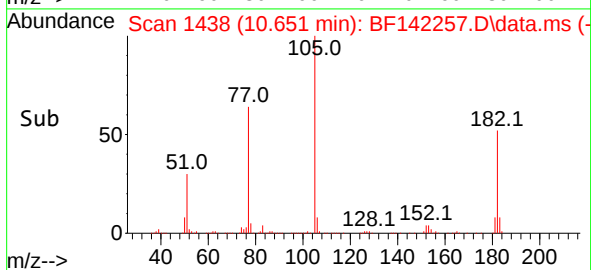
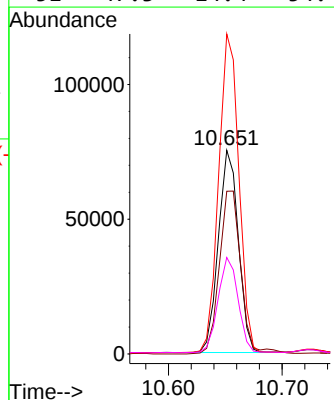
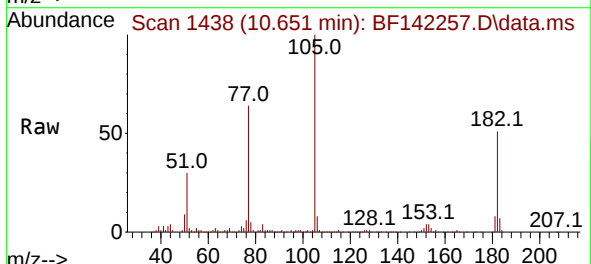
Instrument :
BNA_F
ClientSampleId :
TW-WTS-07

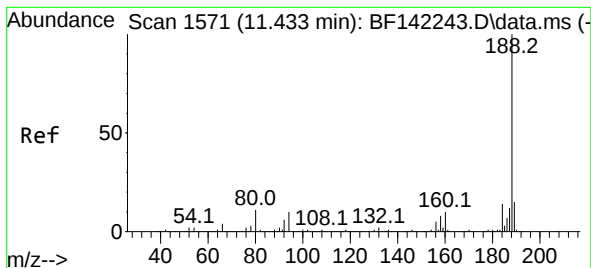
Tgt Ion:138 Resp: 205
Ion Ratio Lower Upper
138 100
92 97.7 29.2 69.2#
108 0.0 49.1 89.1#



#63
Azobenzene
Concen: 5.029 ng
RT: 10.651 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Tgt Ion: 77 Resp: 92178
Ion Ratio Lower Upper
77 100
182 79.8 7.3 47.3#
105 157.1 2.5 42.5#
51 47.3 14.4 54.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142257.D

Acq: 01 May 2025 13:40

Instrument :

BNA_F

ClientSampleId :

TW-WTS-07

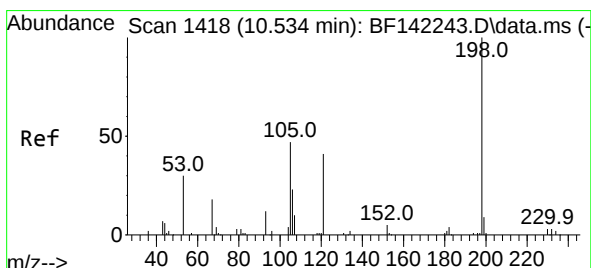
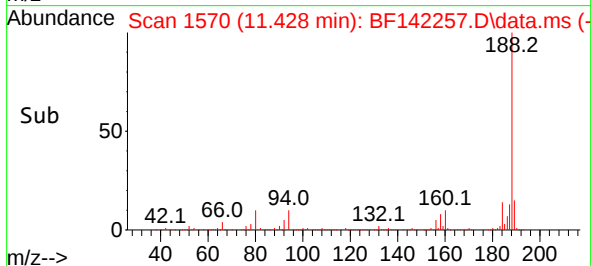
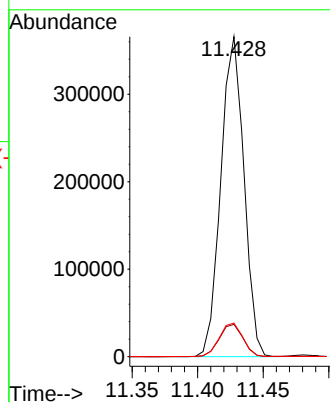
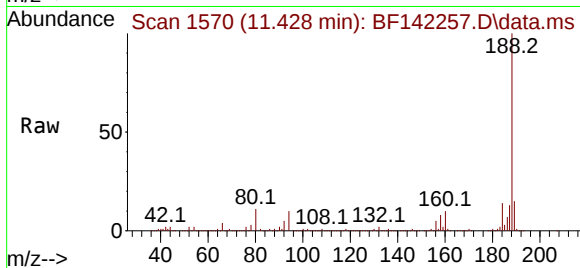
Tgt Ion:188 Resp: 447576

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

80 10.5 8.6 12.8



#65

4,6-Dinitro-2-methylphenol

Concen: 11.101 ng

RT: 10.510 min Scan# 1414

Delta R.T. -0.024 min

Lab File: BF142257.D

Acq: 01 May 2025 13:40

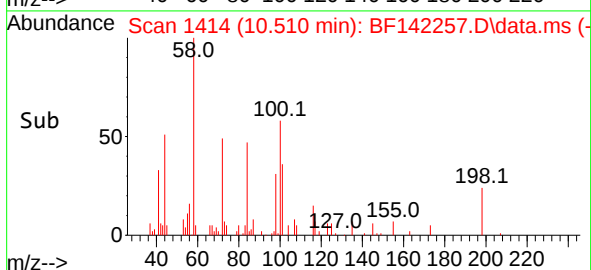
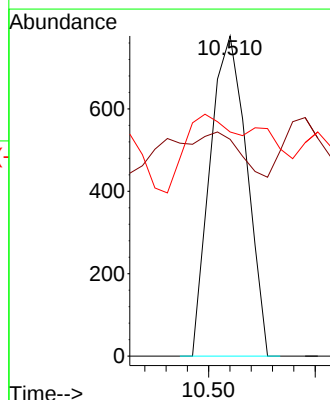
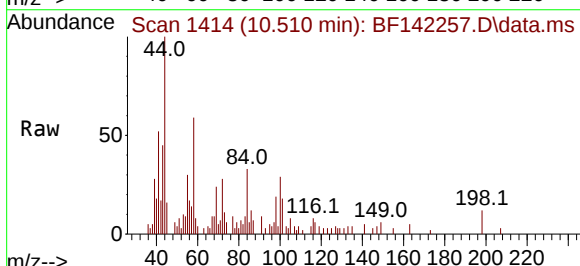
Tgt Ion:198 Resp: 927

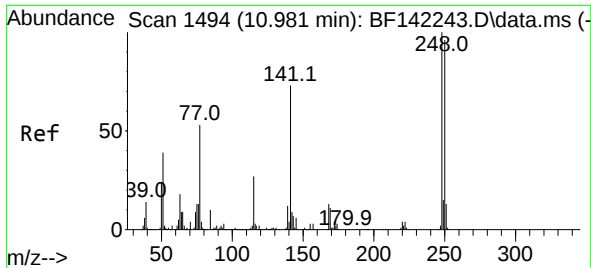
Ion Ratio Lower Upper

198 100

51 67.7 40.6 80.6

105 70.0 29.2 69.2#

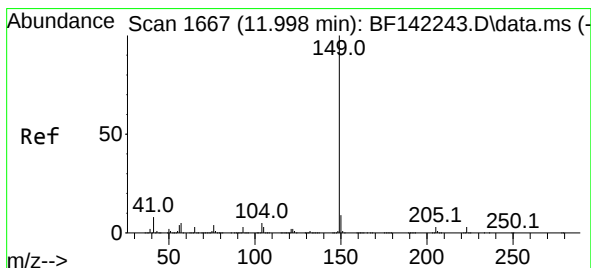
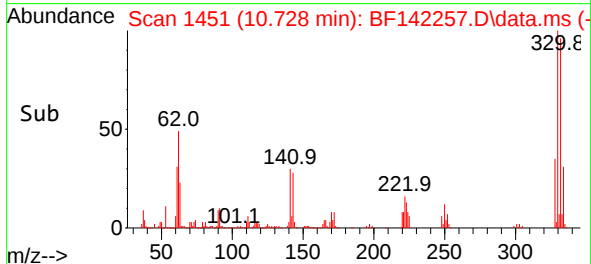
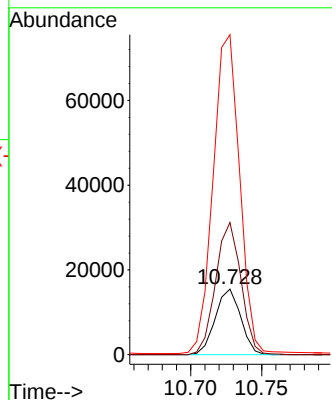
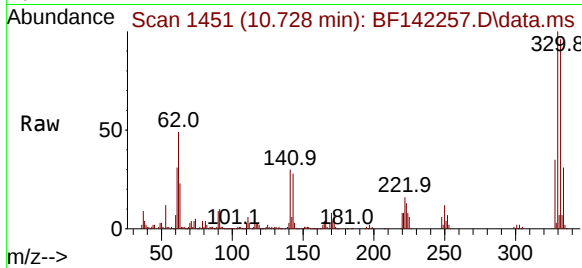




#67
4-Bromophenyl-phenylether
Concen: 3.868 ng
RT: 10.728 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

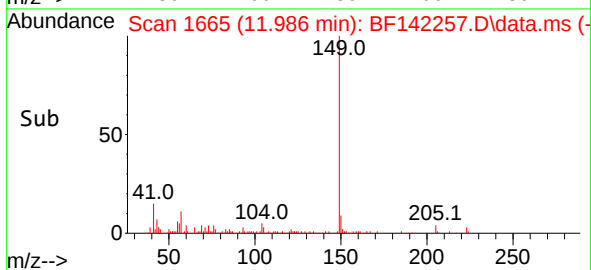
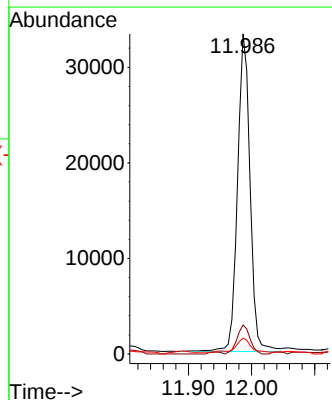
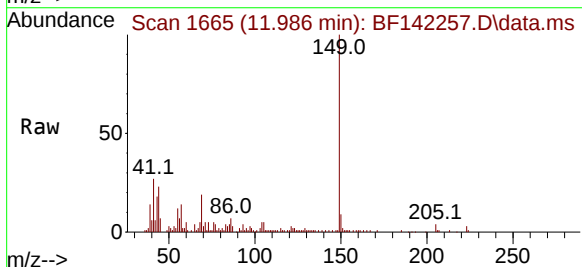
Instrument :
BNA_F
ClientSampleId :
TW-WTS-07

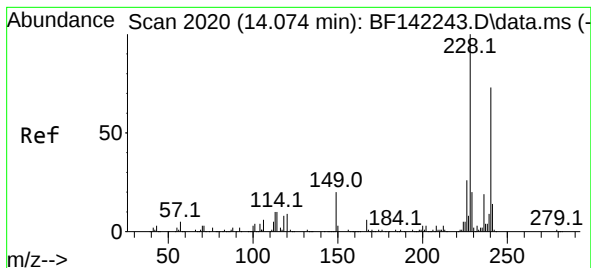
Tgt Ion:248 Resp: 19279
Ion Ratio Lower Upper
248 100
250 201.5 77.2 115.8#
141 488.0 58.4 87.6#



#74
Di-n-butylphthalate
Concen: 2.027 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.012 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Tgt Ion:149 Resp: 45978
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 5.0 3.6 5.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF142257.D

Acq: 01 May 2025 13:40

Instrument :

BNA_F

ClientSampleId :

TW-WTS-07

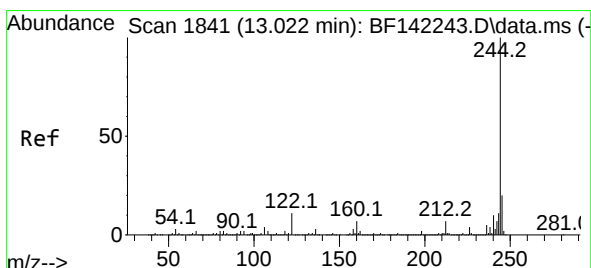
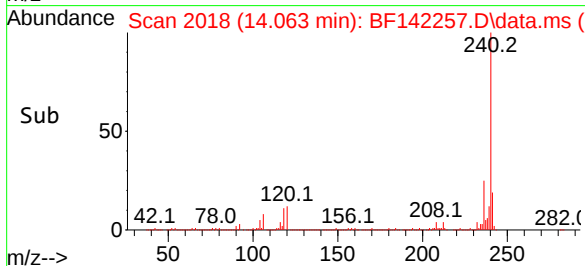
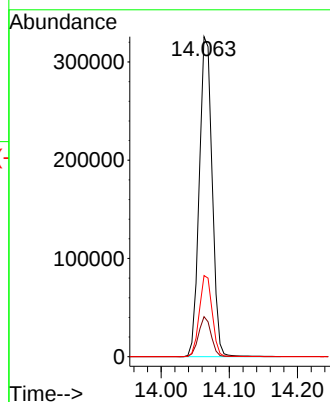
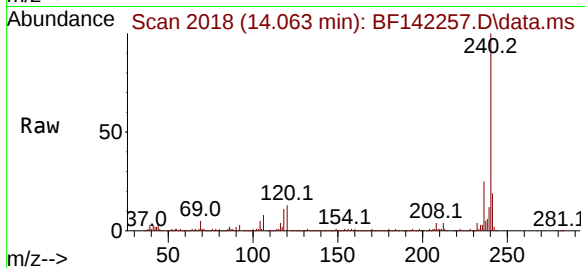
Tgt Ion:240 Resp: 427168

Ion Ratio Lower Upper

240 100

120 12.5 10.1 15.1

236 25.4 20.5 30.7



#79

Terphenyl-d14

Concen: 53.600 ng

RT: 13.016 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142257.D

Acq: 01 May 2025 13:40

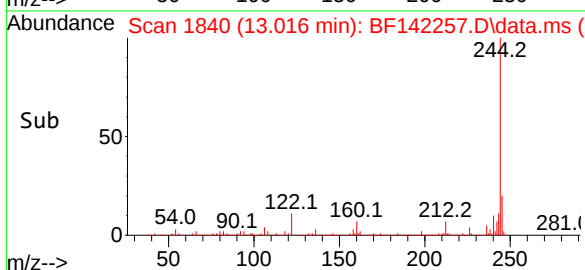
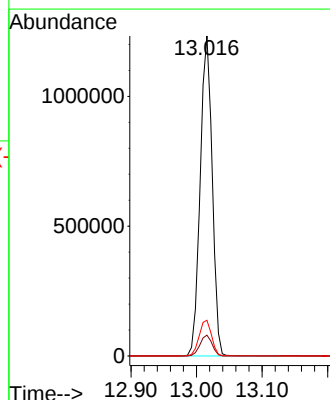
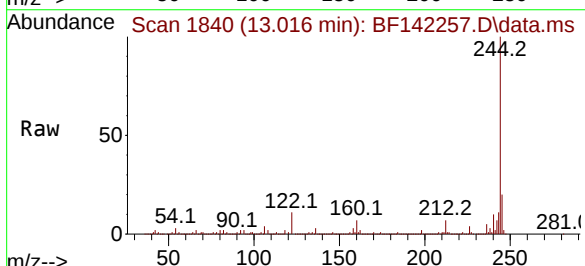
Tgt Ion:244 Resp: 1574266

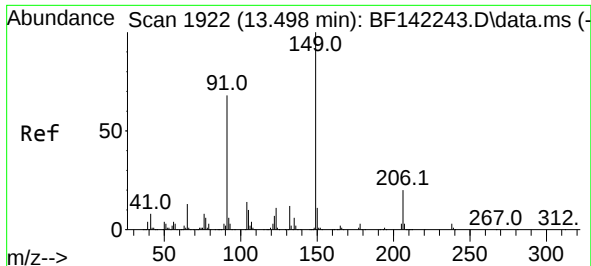
Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 11.2 9.1 13.7

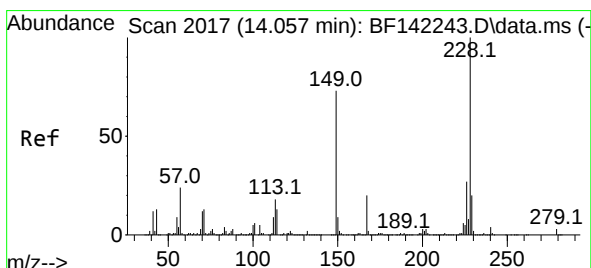
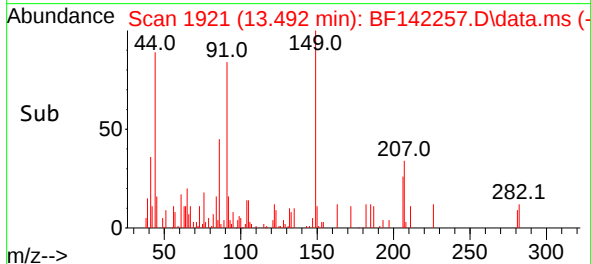
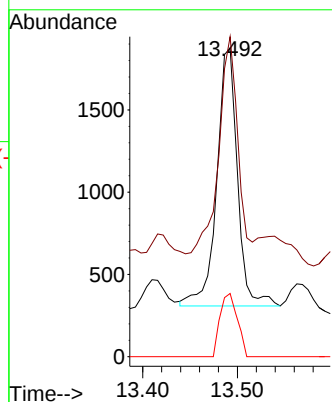
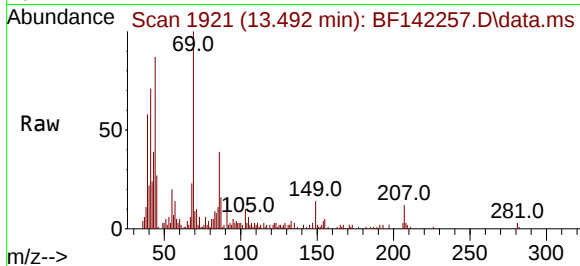




#80
 Butylbenzylphthalate
 Concen: 3.920 ng
 RT: 13.492 min Scan# 1922
 Delta R.T. -0.006 min
 Lab File: BF142257.D
 Acq: 01 May 2025 13:40

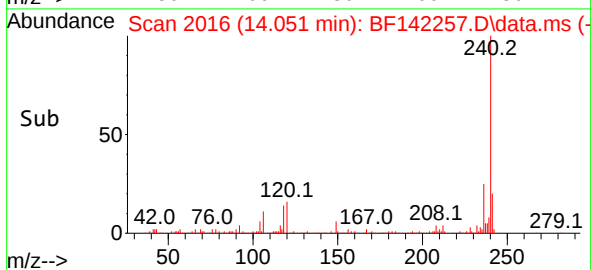
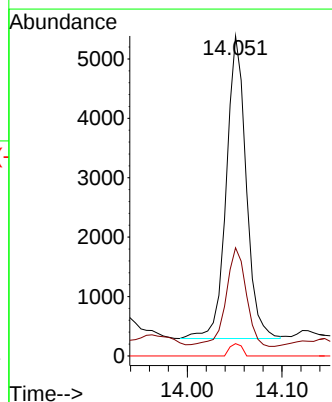
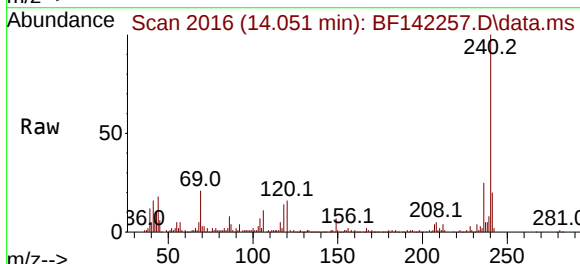
Instrument :
 BNA_F
 ClientSampleId :
 TW-WTS-07

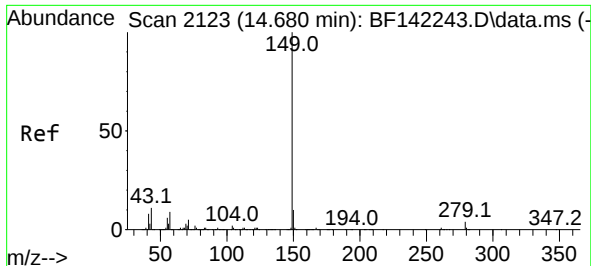
Tgt Ion:149 Resp: 2378
 Ion Ratio Lower Upper
 149 100
 91 103.7 54.4 81.6#
 206 20.5 15.9 23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.917 ng
 RT: 14.051 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: BF142257.D
 Acq: 01 May 2025 13:40

Tgt Ion:149 Resp: 7439
 Ion Ratio Lower Upper
 149 100
 167 33.8 21.7 32.5#
 279 3.8 3.0 4.4

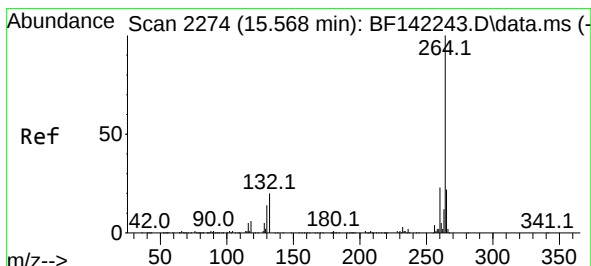
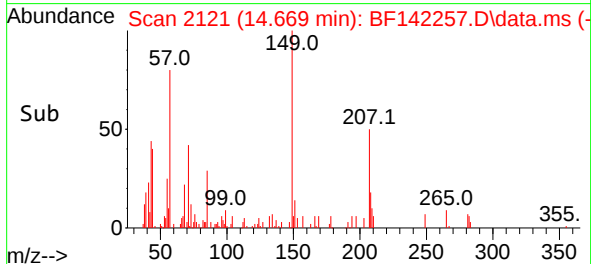
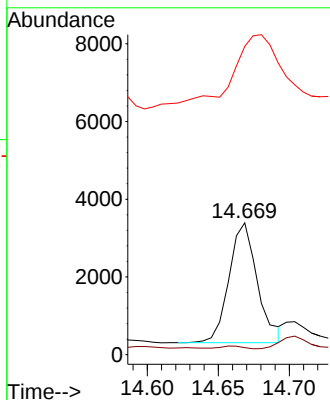
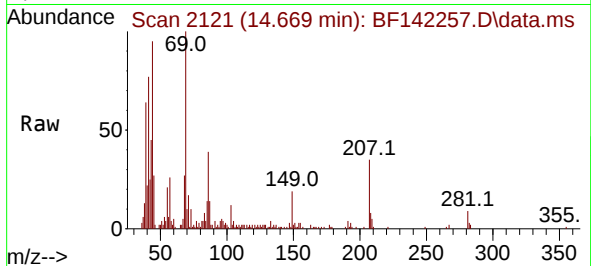




#85
Di-n-octyl phthalate
Concen: 6.205 ng
RT: 14.669 min Scan# 2121
Delta R.T. -0.011 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Instrument :
BNA_F
ClientSampleId :
TW-WTS-07

Tgt Ion:149 Resp: 4290
Ion Ratio Lower Upper
149 100
167 4.2 1.1 1.7#
43 0.0 9.3 13.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Tgt Ion:264 Resp: 440225
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 21.7 17.3 25.9

