

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142290.D
 Acq On : 02 May 2025 19:44
 Operator : RC/JU
 Sample : Q1917-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-JJ

Quant Time: May 02 22:49:24 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)

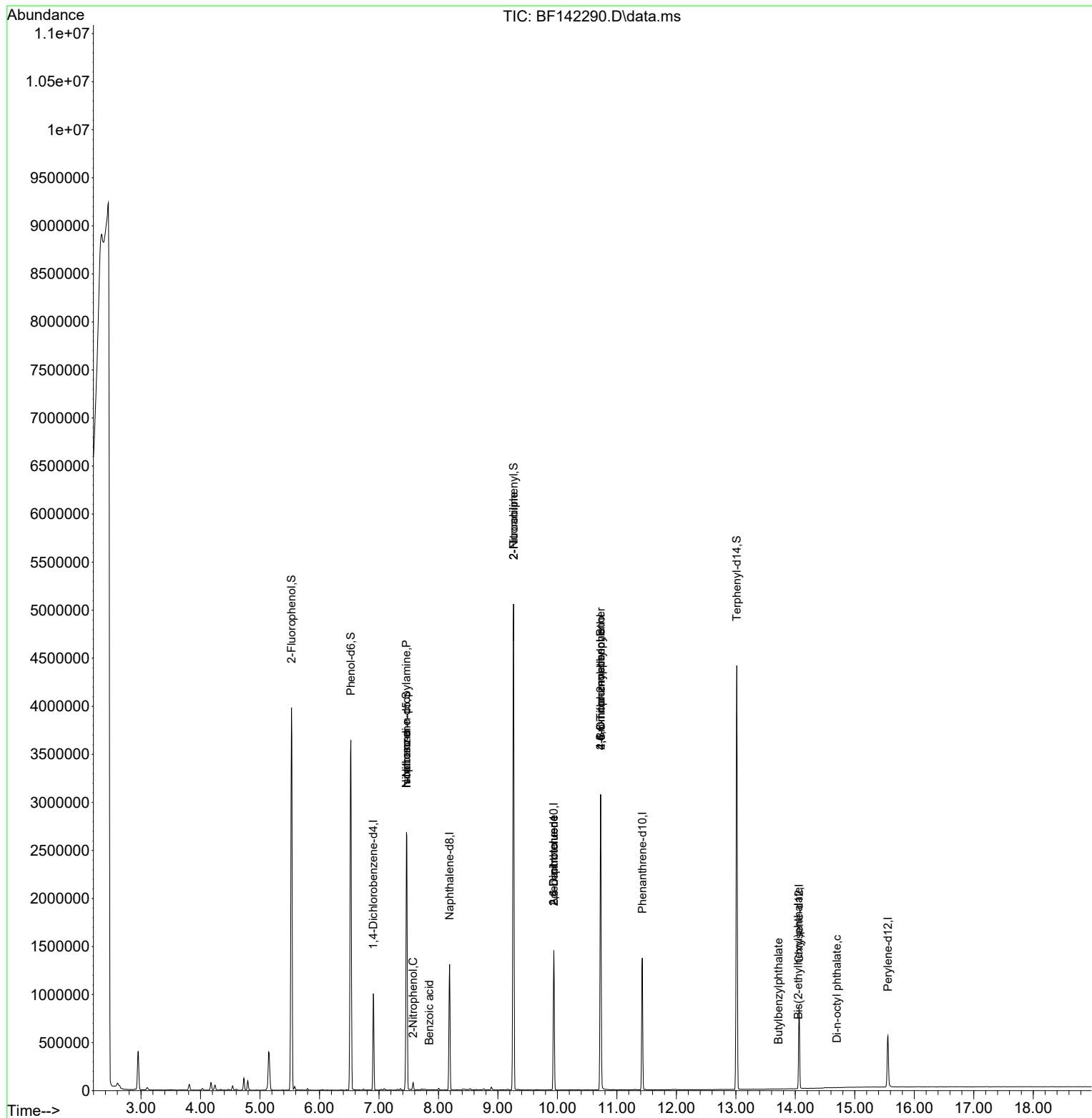
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	213127	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	812533	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	417584	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	694038	20.000	ng	0.00
76) Chrysene-d12	14.062	240	406043	20.000	ng	-0.01
86) Perylene-d12	15.557	264	323074	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1615998	121.094	ng	0.01
7) Phenol-d6	6.528	99	1875965	116.411	ng	0.00
23) Nitrobenzene-d5	7.463	82	1186098	95.902	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	550588	144.631	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2323926	78.467	ng	0.00
79) Terphenyl-d14	13.015	244	2173979	77.870	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.463	70	160897	16.157	ng	# 81
25) Isophorone	7.463	82	1183061	45.578	ng	# 64
26) 2-Nitrophenol	7.575	139	928	5.121	ng	# 49
32) Benzoic acid	7.845	122	982	10.930	ng	# 89
48) 2-Nitroaniline	9.263	65	3605	5.279	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	53377	13.568	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	53377	12.731	ng	# 23
65) 4,6-Dinitro-2-methylph...	10.727	198	1058	10.972	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	33713	4.362	ng	# 1
80) Butylbenzylphthalate	13.715	149	203	3.735	ng	# 25
84) Bis(2-ethylhexyl)phtha...	14.051	149	399	3.480	ng	# 56
85) Di-n-octyl phthalate	14.698	149	383	6.081	ng	# 5

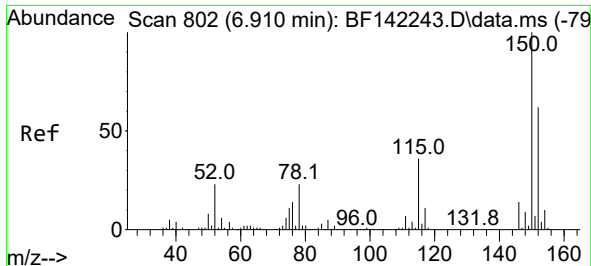
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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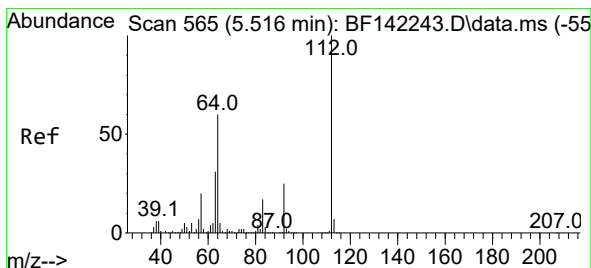
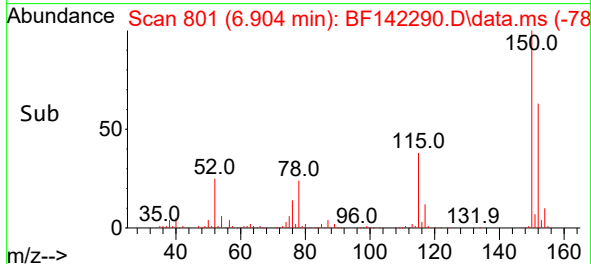
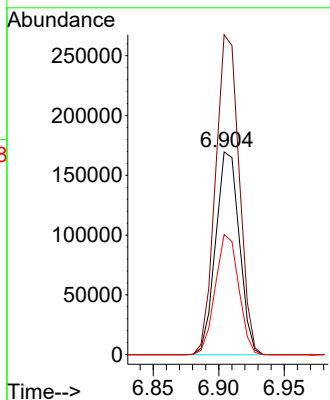
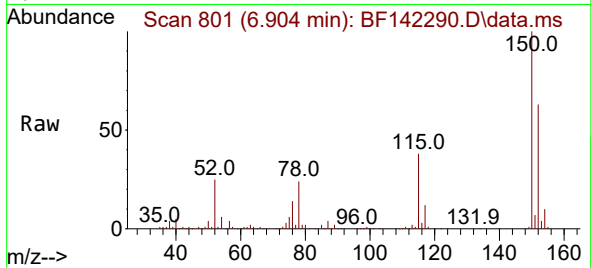




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: BF142290.D
 Acq: 02 May 2025 19:44

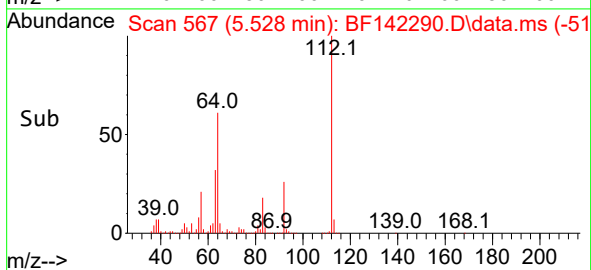
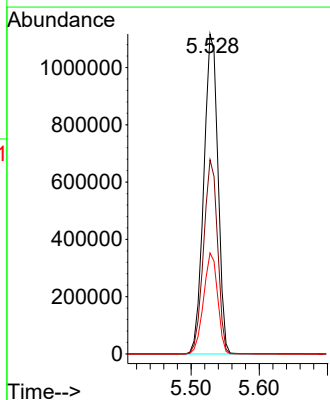
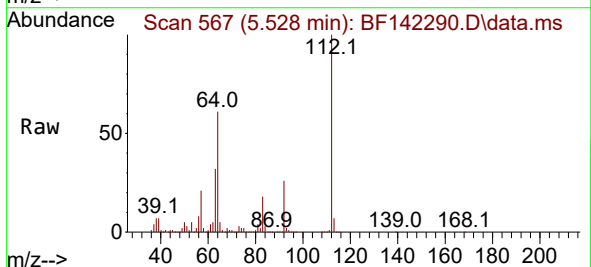
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 BNA_F
 ClientSampleId :
 MH-JJ

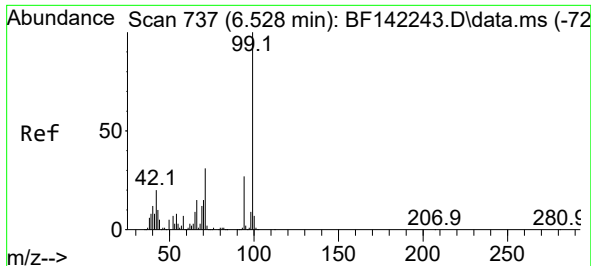
Tgt Ion:152 Resp: 213127
 Ion Ratio Lower Upper
 152 100
 150 157.8 130.2 195.2
 115 59.3 47.0 70.4



#5
 2-Fluorophenol
 Concen: 121.094 ng
 RT: 5.528 min Scan# 567
 Delta R.T. 0.012 min
 Lab File: BF142290.D
 Acq: 02 May 2025 19:44

Tgt Ion:112 Resp: 1615998
 Ion Ratio Lower Upper
 112 100
 64 60.7 48.4 72.6
 63 31.5 24.8 37.2

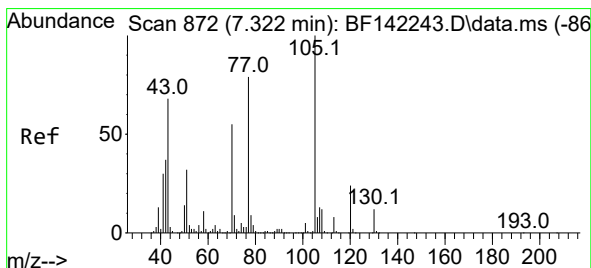
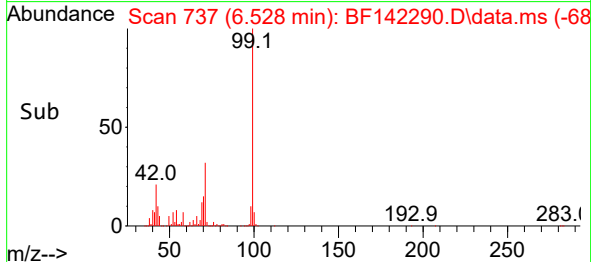
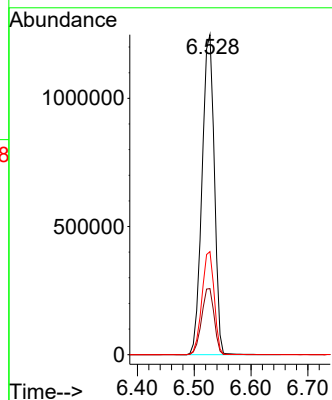
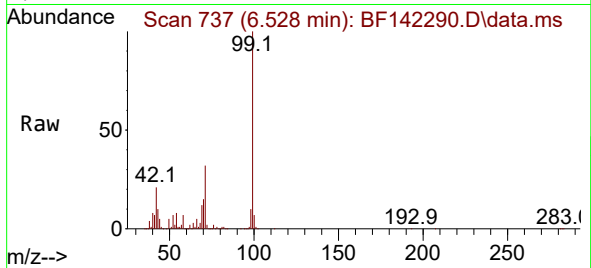




#7
Phenol-d6
Concen: 116.411 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

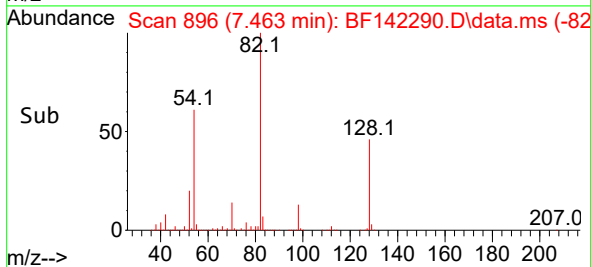
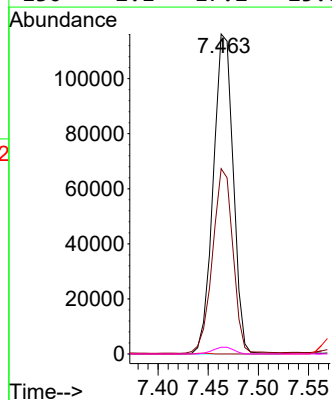
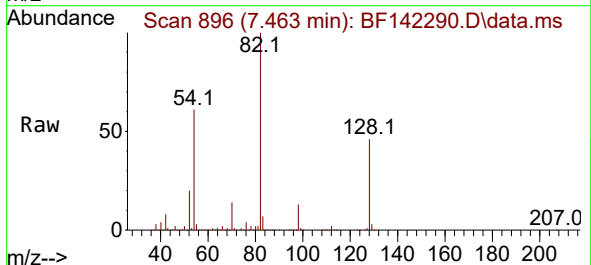
Instrument :
BNA_F
ClientSampleId :
MH-JJ

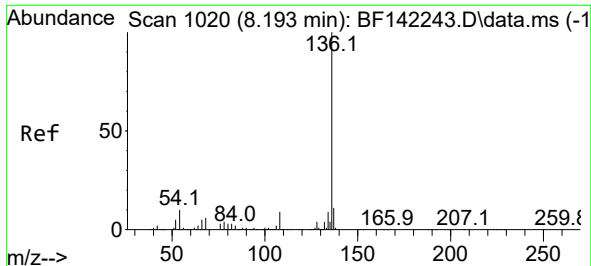
Tgt Ion: 99 Resp: 1875965
Ion Ratio Lower Upper
99 100
42 20.7 16.3 24.5
71 32.2 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.157 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

Tgt Ion: 70 Resp: 160897
Ion Ratio Lower Upper
70 100
42 57.9 53.4 80.2
101 0.0 7.7 11.5#
130 2.1 17.2 25.8#

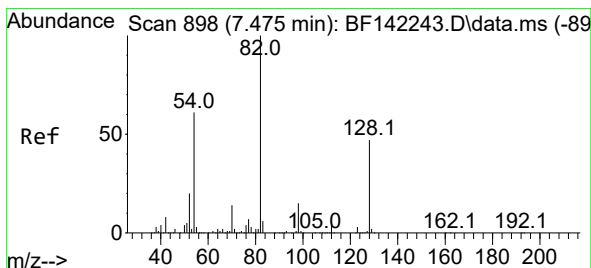
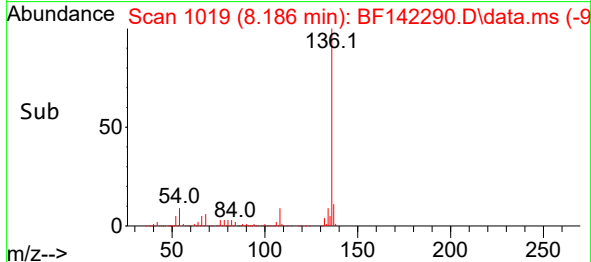
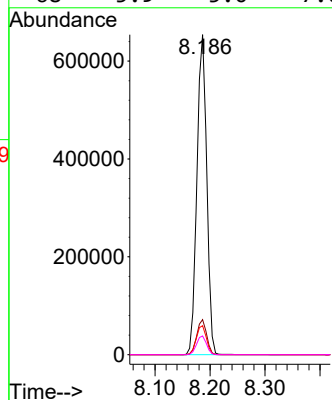
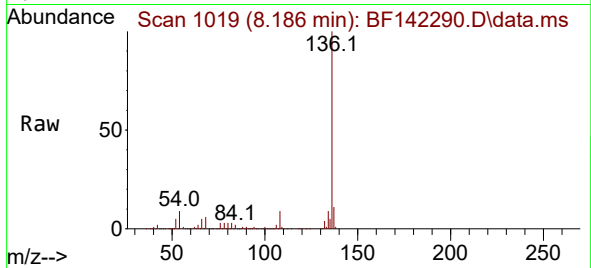




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

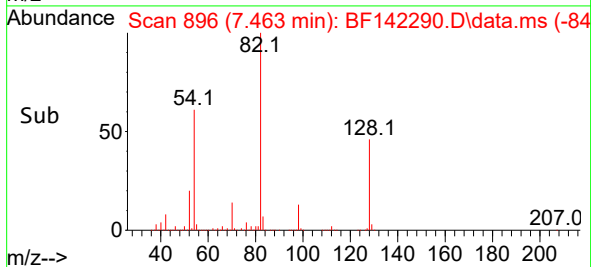
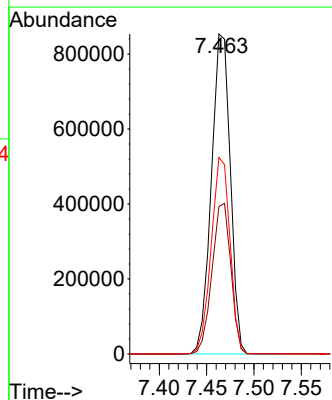
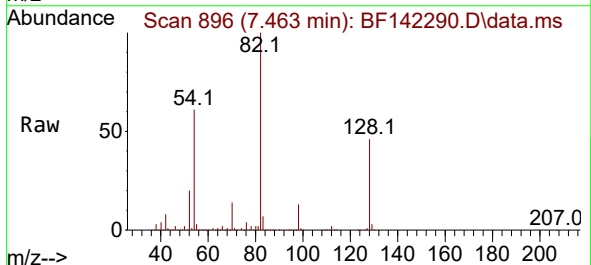
Instrument :
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ClientSampleId :
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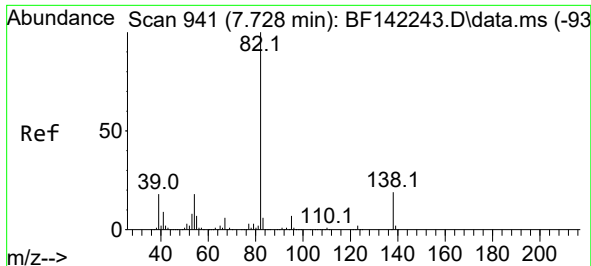
Tgt Ion:136 Resp: 812533
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.1 7.7 11.5
68 5.9 5.0 7.6



#23
Nitrobenzene-d5
Concen: 95.902 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

Tgt Ion: 82 Resp: 1186098
Ion Ratio Lower Upper
82 100
128 46.1 37.0 55.6
54 61.4 48.0 72.0

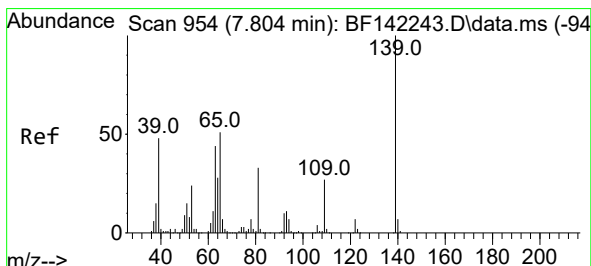
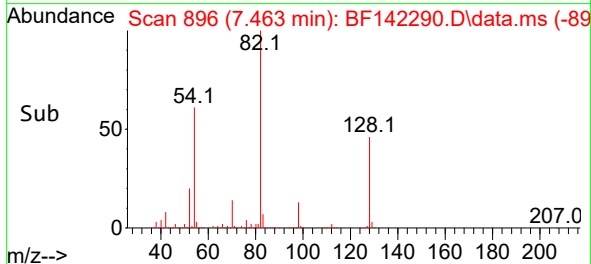
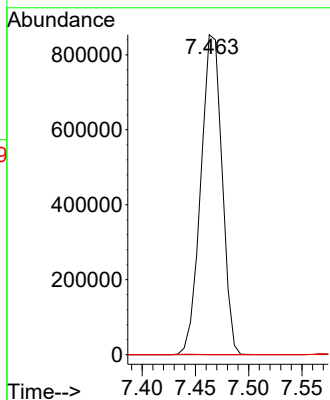
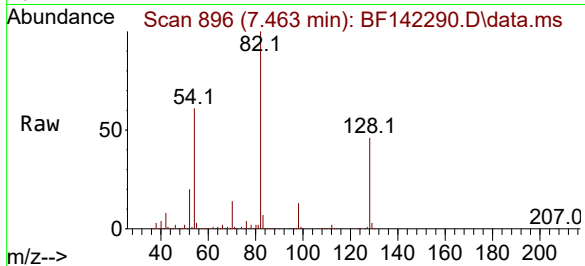




#25
Isophorone
Concen: 45.578 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

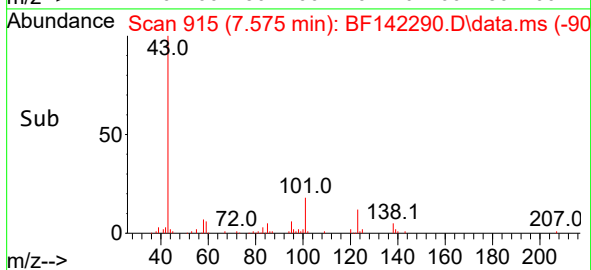
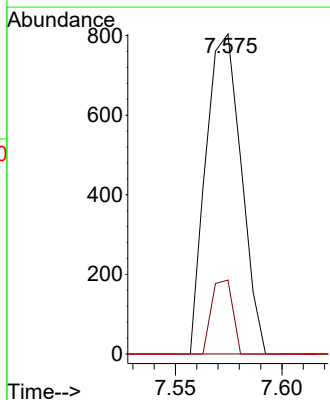
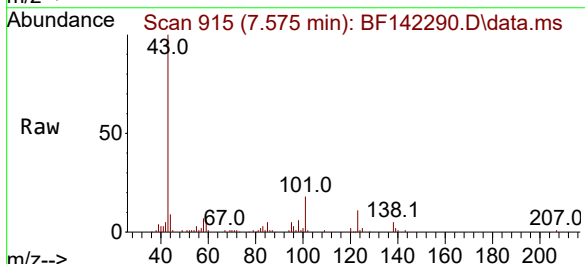
Instrument :
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ClientSampleId :
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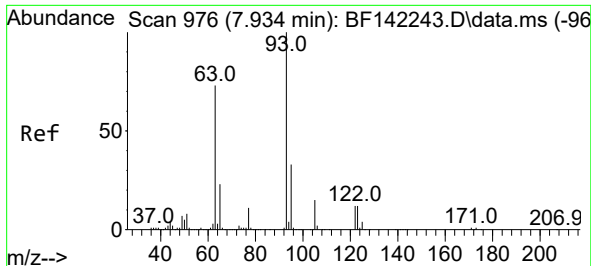
Tgt Ion: 82 Resp: 1183061
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.3 22.9#



#26
2-Nitrophenol
Concen: 5.121 ng
RT: 7.575 min Scan# 915
Delta R.T. -0.229 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

Tgt Ion:139 Resp: 928
Ion Ratio Lower Upper
139 100
109 23.1 21.8 32.8
65 0.0 41.1 61.7#

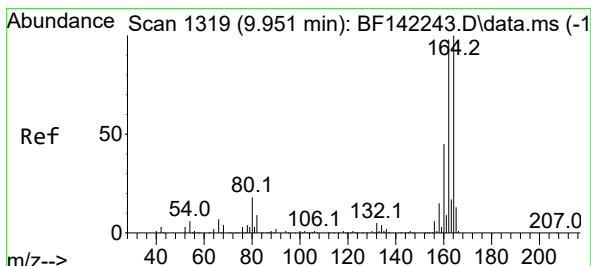
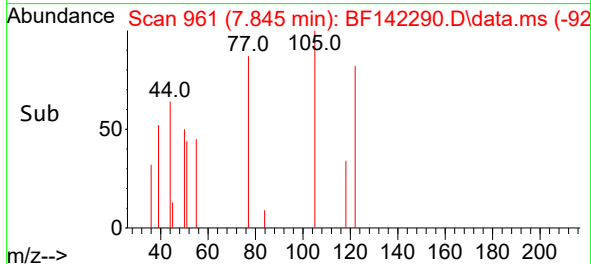
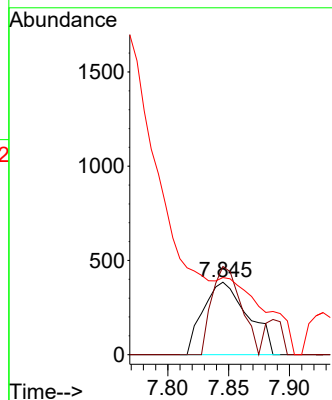
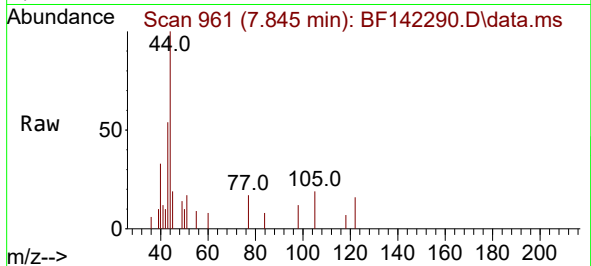




#32
Benzoic acid
Concen: 10.930 ng
RT: 7.845 min Scan# 90
Delta R.T. -0.089 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

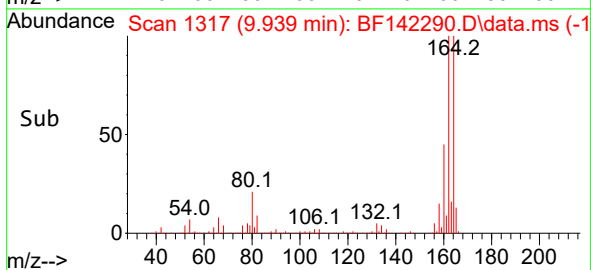
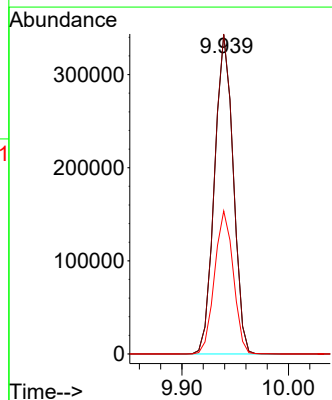
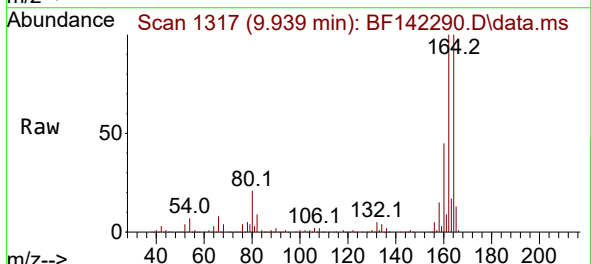
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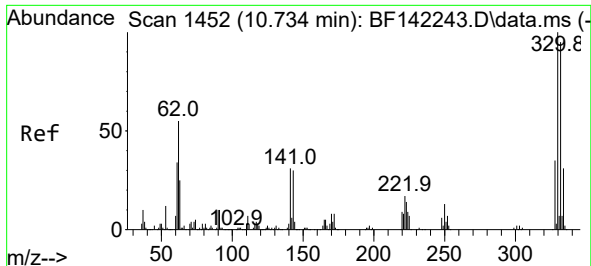
Tgt Ion:122 Resp: 982
Ion Ratio Lower Upper
122 100
105 121.6 98.2 138.2
77 106.2 66.8 106.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.012 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

Tgt Ion:164 Resp: 417584
Ion Ratio Lower Upper
164 100
162 100.4 78.6 117.8
160 44.9 35.7 53.5

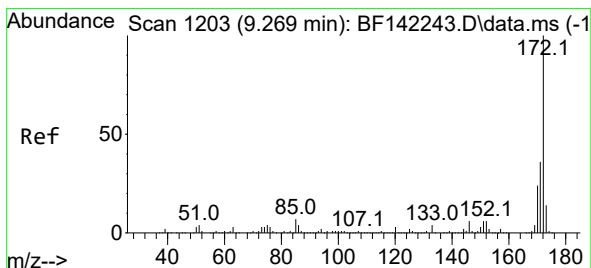
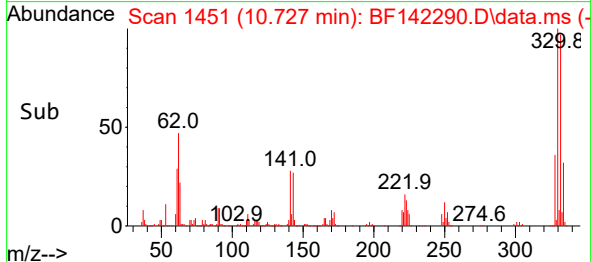
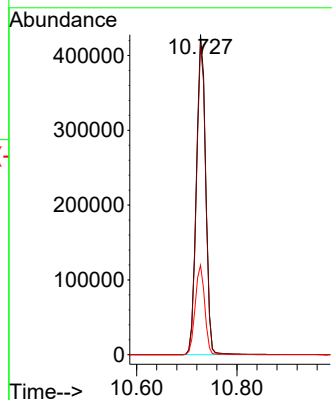
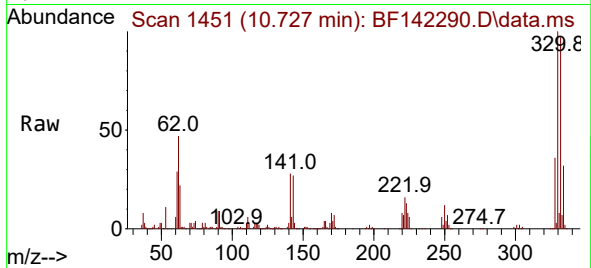




#42
2,4,6-Tribromophenol
Concen: 144.631 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

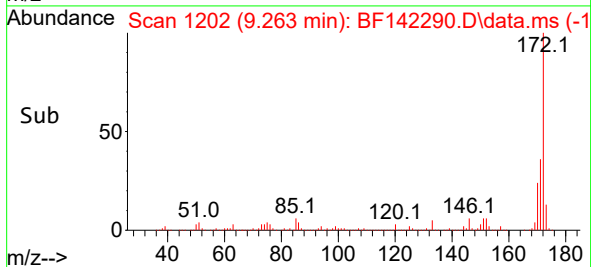
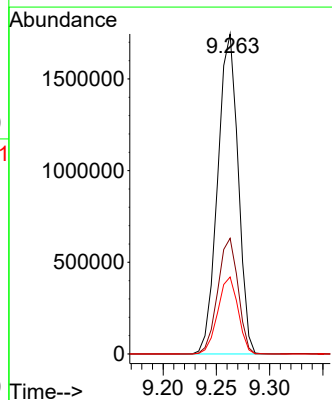
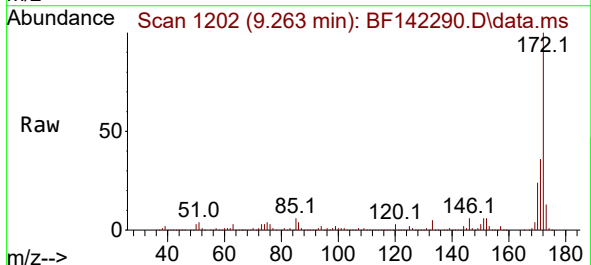
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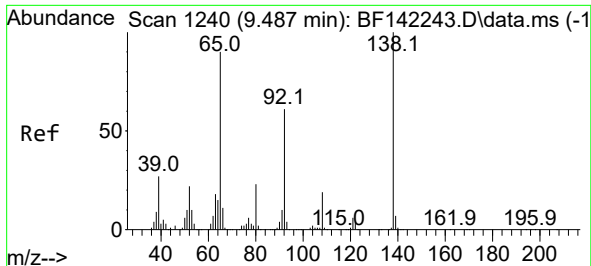
Tgt Ion:330 Resp: 550588
Ion Ratio Lower Upper
330 100
332 96.9 76.5 114.7
141 28.7 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 78.467 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

Tgt Ion:172 Resp: 2323926
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.0 19.4 29.0

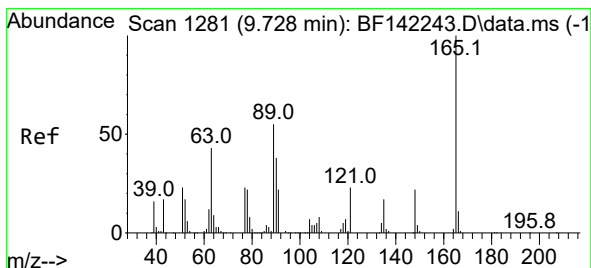
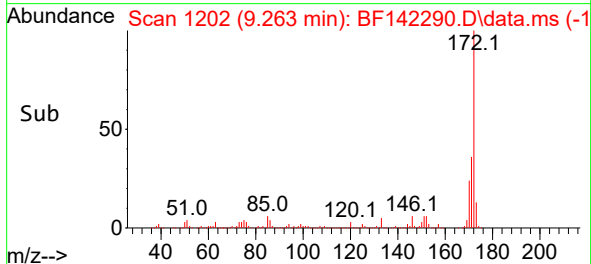
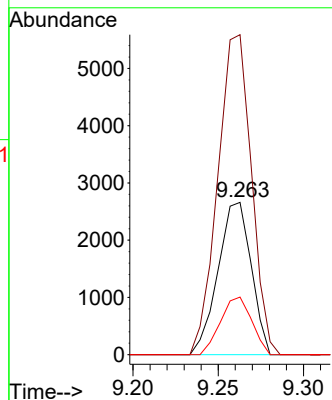
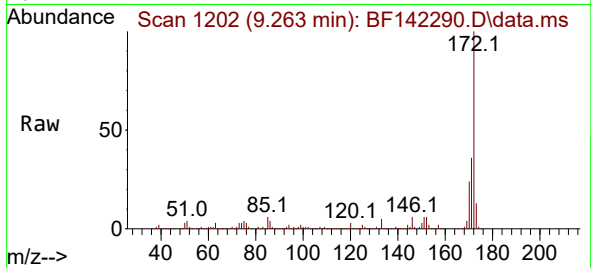




#48
2-Nitroaniline
Concen: 5.279 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

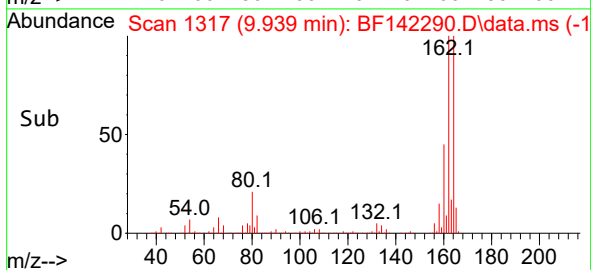
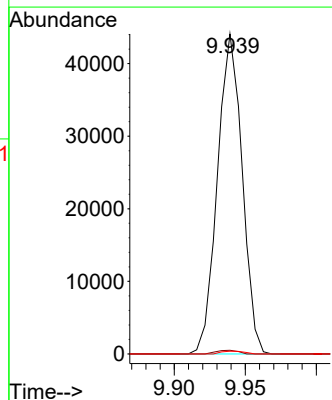
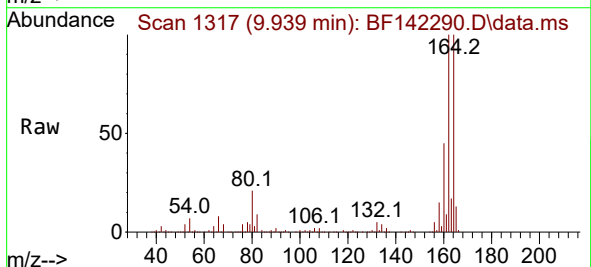
Instrument :
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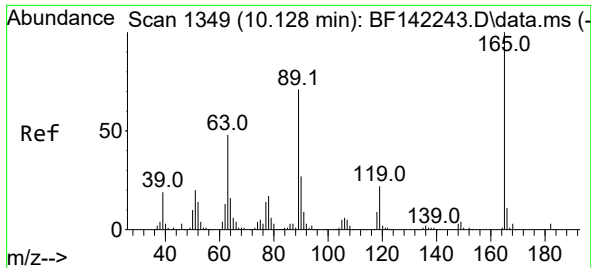
Tgt Ion: 65 Resp: 3605
Ion Ratio Lower Upper
65 100
92 210.0 54.3 81.5#
138 37.8 88.6 133.0#



#51
2,6-Dinitrotoluene
Concen: 13.568 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.211 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

Tgt Ion: 165 Resp: 53377
Ion Ratio Lower Upper
165 100
63 1.2 48.5 72.7#
89 0.9 43.9 65.9#

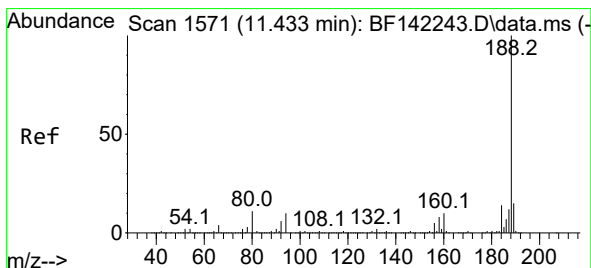
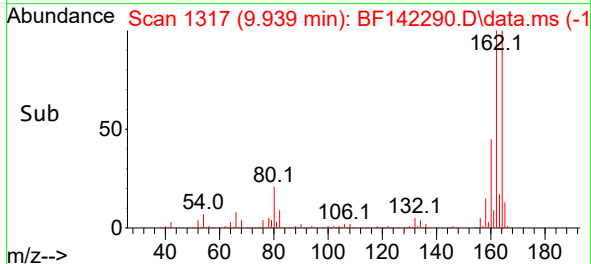
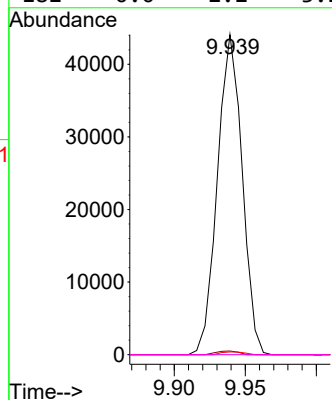
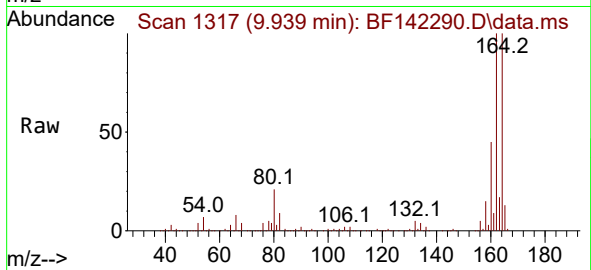




#57
2,4-Dinitrotoluene
Concen: 12.731 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

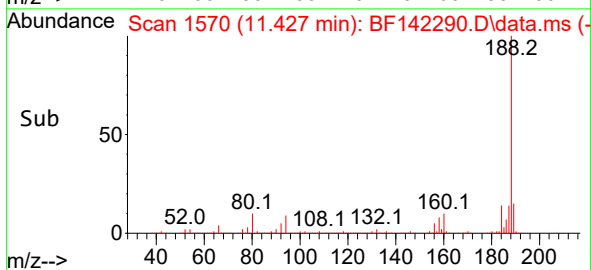
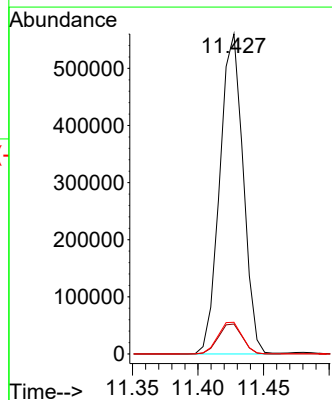
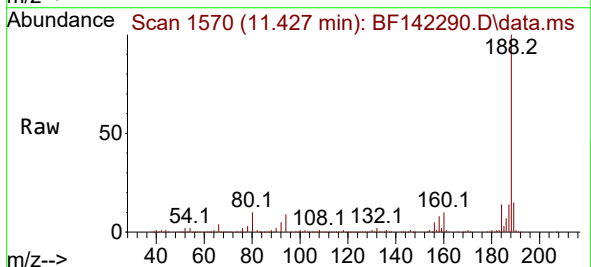
Instrument :
BNA_F
ClientSampleId :
MH-JJ

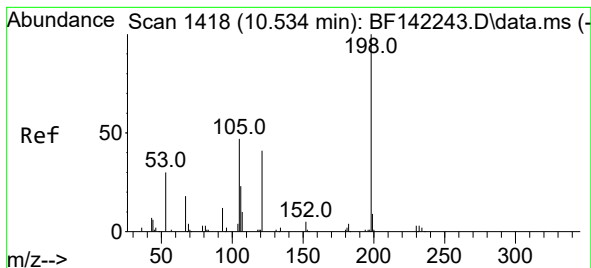
Tgt Ion:165 Resp: 53377
Ion Ratio Lower Upper
165 100
63 1.2 38.8 58.2#
89 0.9 57.1 85.7#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

Tgt Ion:188 Resp: 694038
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 9.9 8.6 12.8

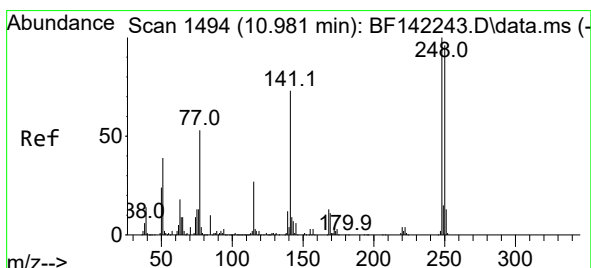
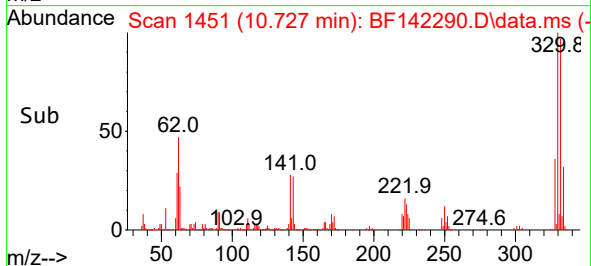
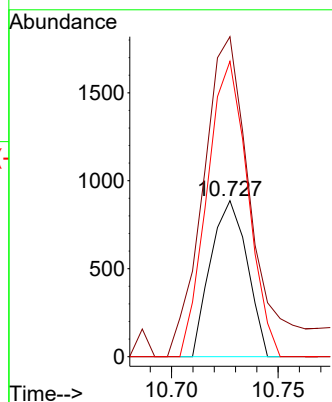
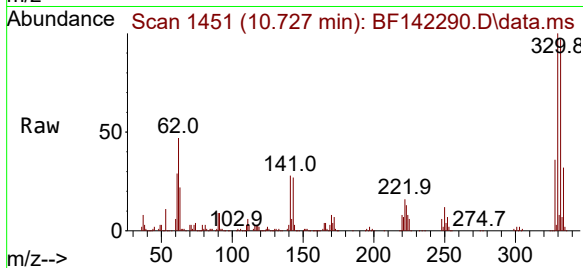




#65
4,6-Dinitro-2-methylphenol
Concen: 10.972 ng
RT: 10.727 min Scan# 1418
Delta R.T. 0.193 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

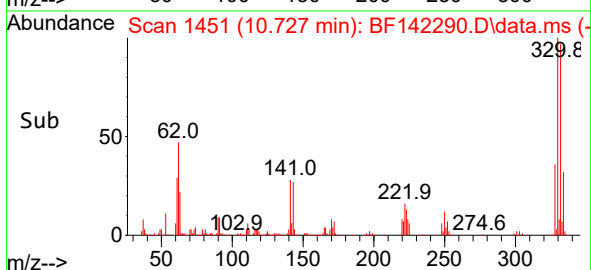
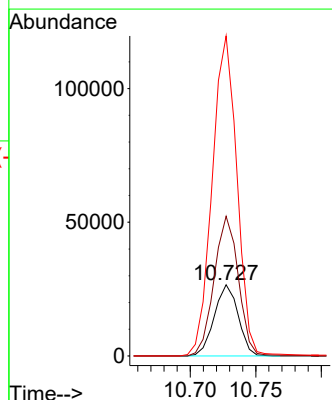
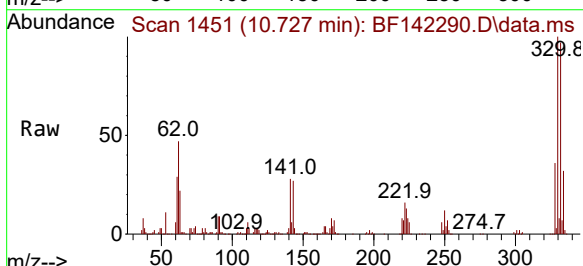
Instrument :
BNA_F
ClientSampleId :
MH-JJ

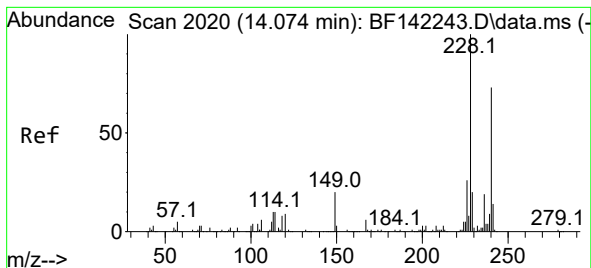
Tgt Ion:198 Resp: 1058
Ion Ratio Lower Upper
198 100
51 205.1 40.6 80.6#
105 189.3 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 4.362 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.253 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

Tgt Ion:248 Resp: 33713
Ion Ratio Lower Upper
248 100
250 196.2 77.2 115.8#
141 449.5 58.4 87.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF142290.D

Acq: 02 May 2025 19:44

Instrument :

BNA_F

ClientSampleId :

MH-JJ

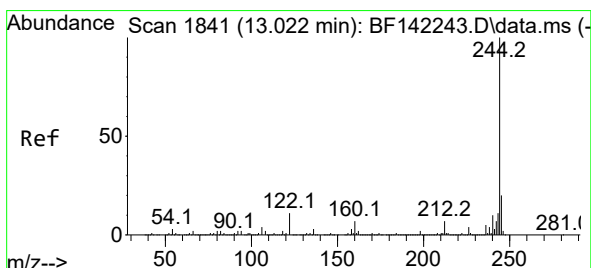
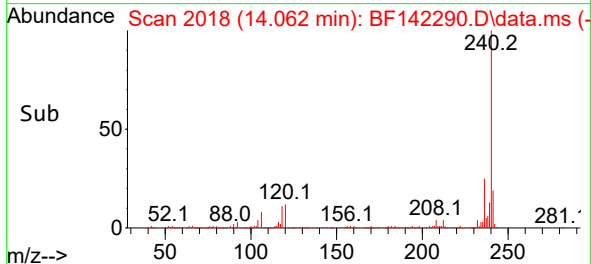
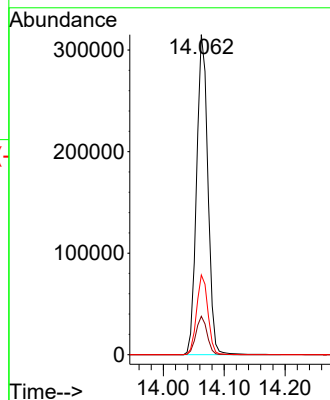
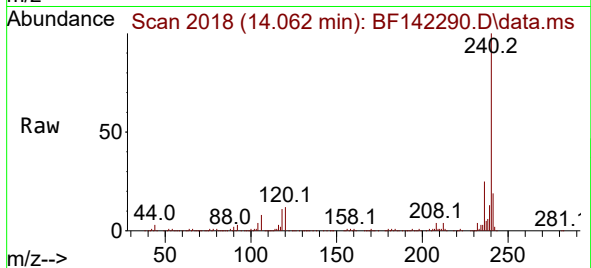
Tgt Ion:240 Resp: 406043

Ion Ratio Lower Upper

240 100

120 12.0 10.1 15.1

236 24.9 20.5 30.7



#79

Terphenyl-d14

Concen: 77.870 ng

RT: 13.015 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142290.D

Acq: 02 May 2025 19:44

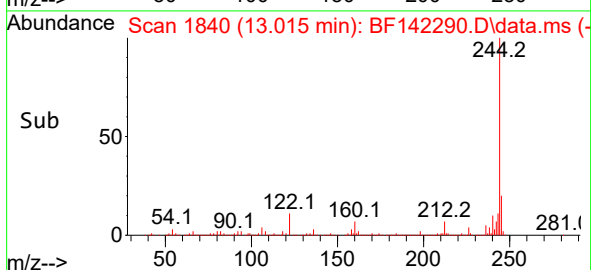
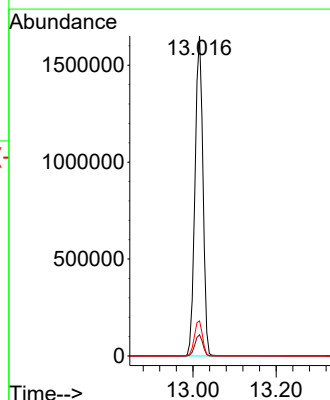
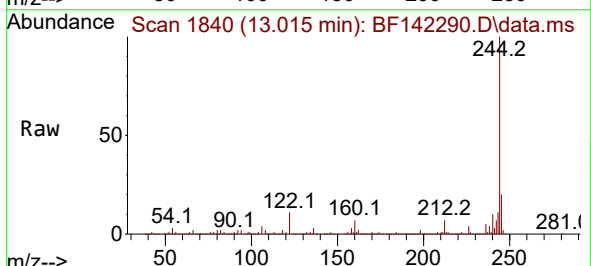
Tgt Ion:244 Resp: 2173979

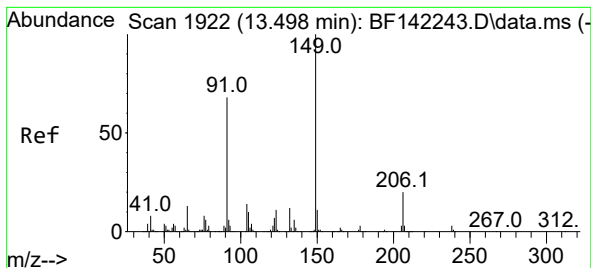
Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 10.9 9.1 13.7





#80

Butylbenzylphthalate

Concen: 3.735 ng

RT: 13.715 min Scan# 1922

Delta R.T. 0.217 min

Lab File: BF142290.D

Acq: 02 May 2025 19:44

Instrument :

BNA_F

ClientSampleId :

MH-JJ

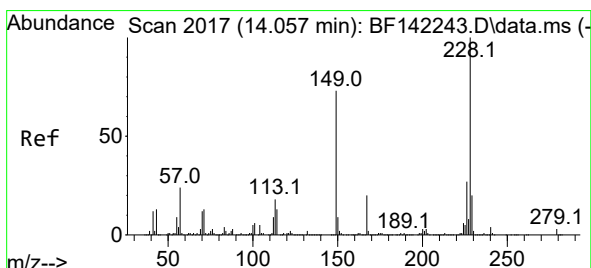
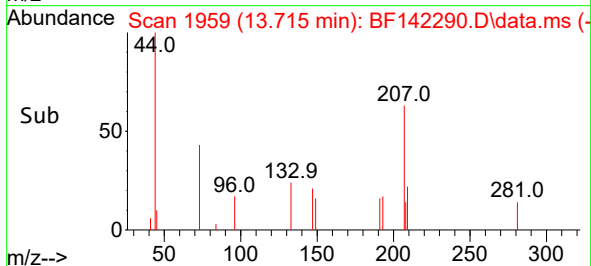
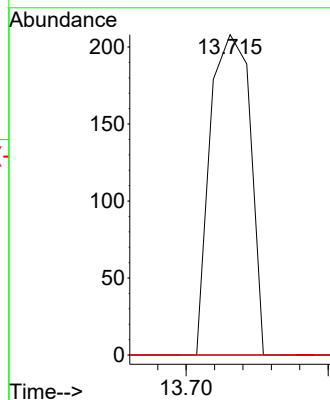
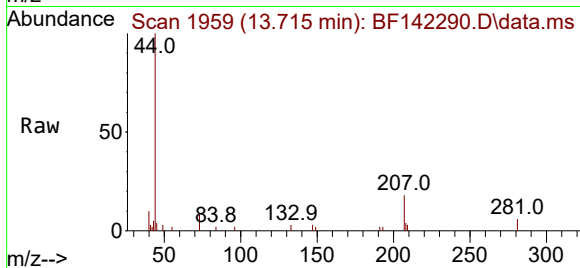
Tgt Ion:149 Resp: 203

Ion Ratio Lower Upper

149 100

91 0.0 54.4 81.6#

206 0.0 15.9 23.9#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.480 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142290.D

Acq: 02 May 2025 19:44

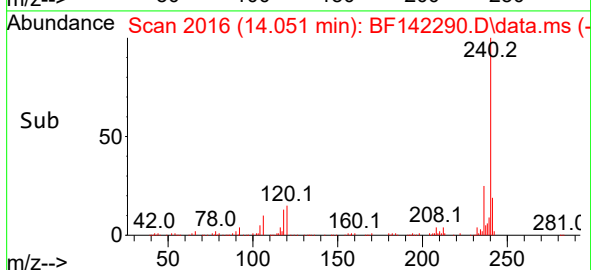
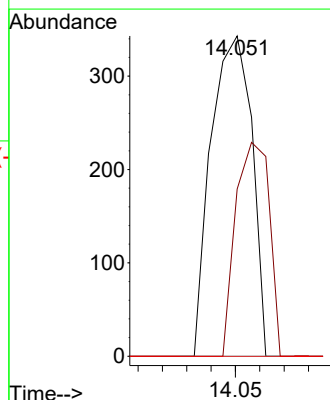
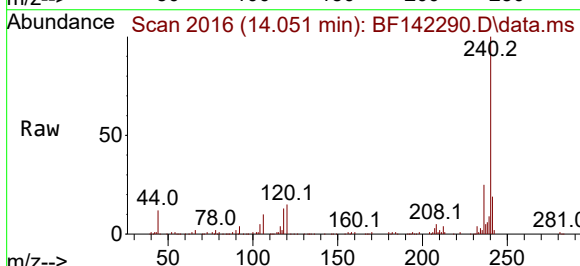
Tgt Ion:149 Resp: 399

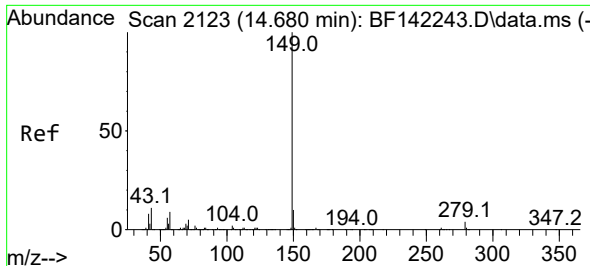
Ion Ratio Lower Upper

149 100

167 52.2 21.7 32.5#

279 0.0 3.0 4.4#

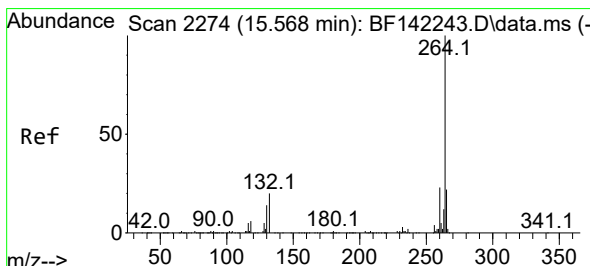
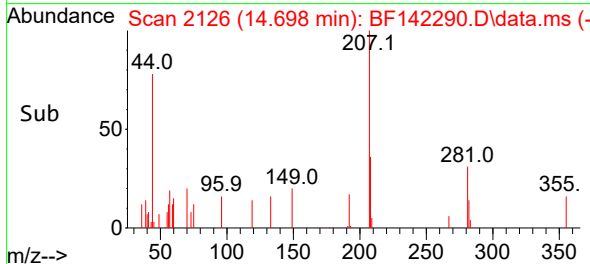
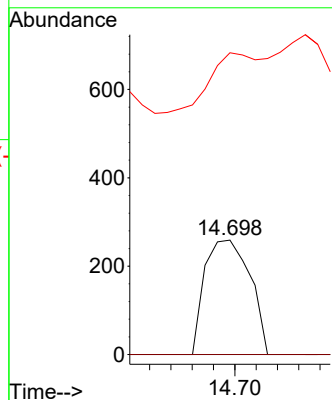
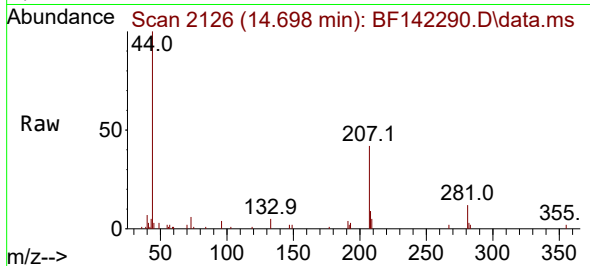




#85
Di-n-octyl phthalate
Concen: 6.081 ng
RT: 14.698 min Scan# 2123
Delta R.T. 0.018 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

Instrument :
BNA_F
ClientSampleId :
MH-JJ

Tgt Ion:149 Resp: 383
Ion Ratio Lower Upper
149 100
167 0.0 1.1 1.7#
43 52.2 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: BF142290.D
Acq: 02 May 2025 19:44

Tgt Ion:264 Resp: 323074
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 21.3 17.3 25.9

