

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142340.D
 Acq On : 13 May 2025 12:47
 Operator : RC/JU
 Sample : Q1993-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20250508

Quant Time: May 13 13:18:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

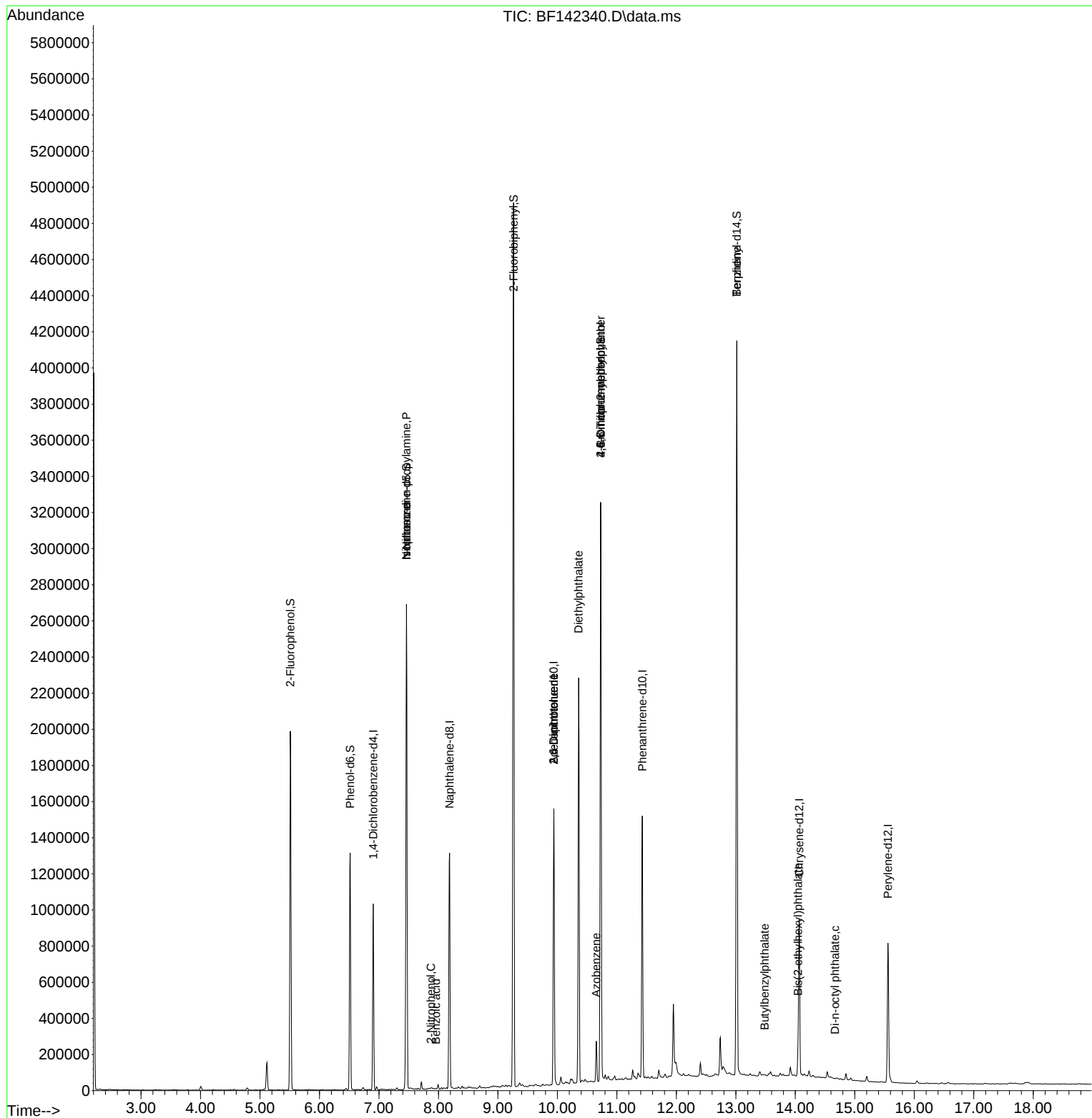
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	220712	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	842702	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	448798	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	733306	20.000	ng	0.00
76) Chrysene-d12	14.068	240	419257	20.000	ng	0.00
86) Perylene-d12	15.556	264	445497	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	755637	58.444	ng	0.00
7) Phenol-d6	6.516	99	583361	36.685	ng	0.00
23) Nitrobenzene-d5	7.463	82	1163375	84.195	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	615166	141.970	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2269378	72.100	ng	0.00
79) Terphenyl-d14	13.015	244	1989033	70.219	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	156427	15.903	ng	# 77
25) Isophorone	7.463	82	1145321	43.772	ng	# 62
26) 2-Nitrophenol	7.875	139	207	4.118	ng	# 36
32) Benzoic acid	7.957	122	116	6.032	ng	# 66
51) 2,6-Dinitrotoluene	9.939	165	58855	10.911	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	58855	8.506	ng	# 25
60) Diethylphthalate	10.357	149	1182460	41.086	ng	100
63) Azobenzene	10.651	77	55530	2.019	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.727	198	1256	7.497	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	36287	4.366	ng	# 1
77) Benzidine	13.015	184	24070	3.159	ng	97
80) Butylbenzylphthalate	13.486	149	1005	3.744	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.045	149	69922	8.732	ng	100
85) Di-n-octyl phthalate	14.668	149	288	7.849	ng	# 1

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

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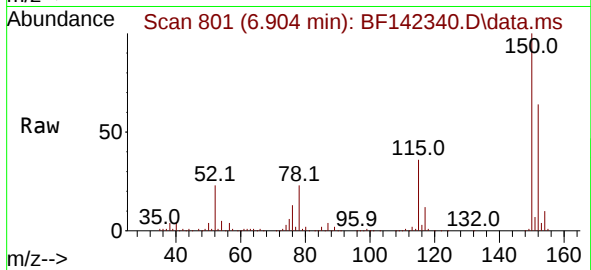
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
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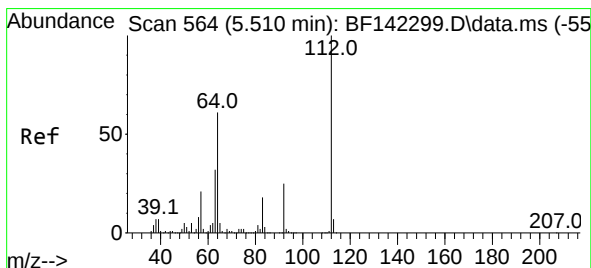
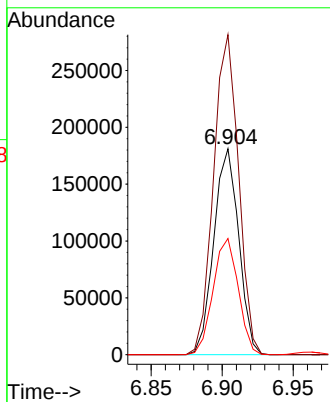
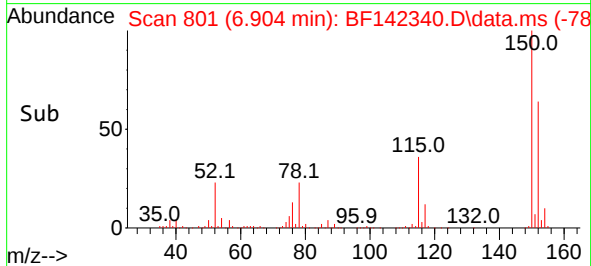


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

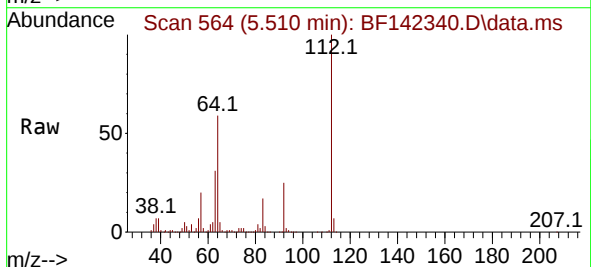
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ClientSampleId :
MW-3-20250508



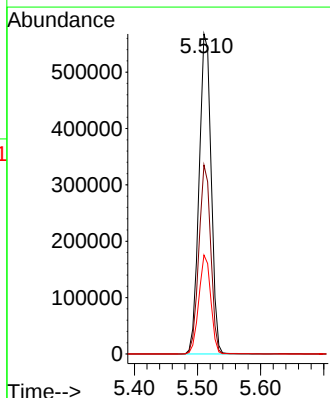
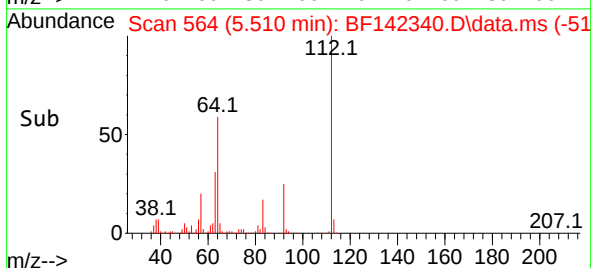
Tgt Ion:152 Resp: 220712
Ion Ratio Lower Upper
152 100
150 155.4 126.6 190.0
115 56.4 47.3 70.9

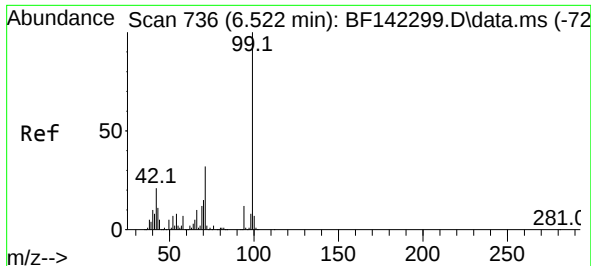


#5
2-Fluorophenol
Concen: 58.444 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47



Tgt Ion:112 Resp: 755637
Ion Ratio Lower Upper
112 100
64 59.1 48.9 73.3
63 30.9 25.6 38.4

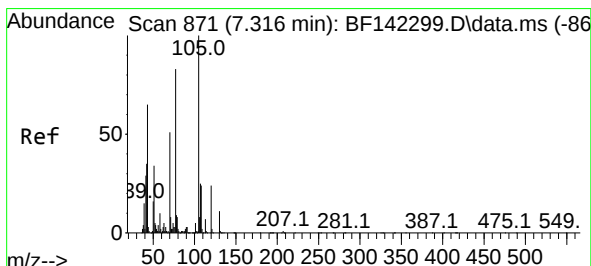
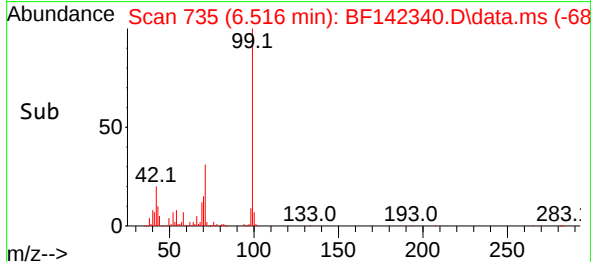
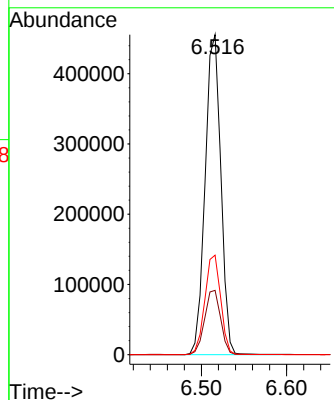
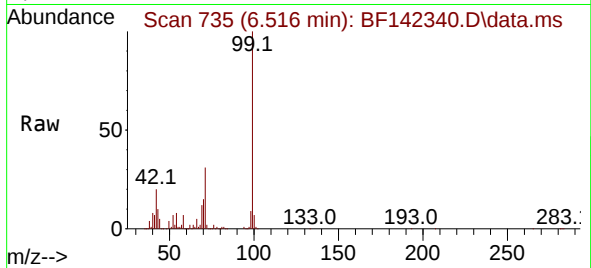




#7
Phenol-d6
Concen: 36.685 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

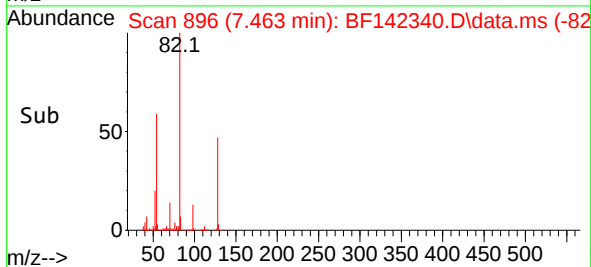
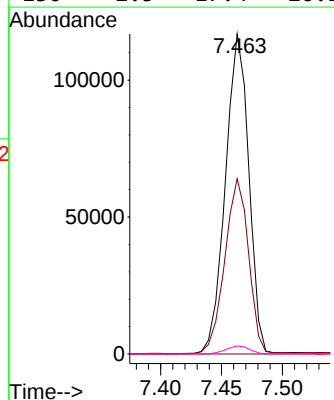
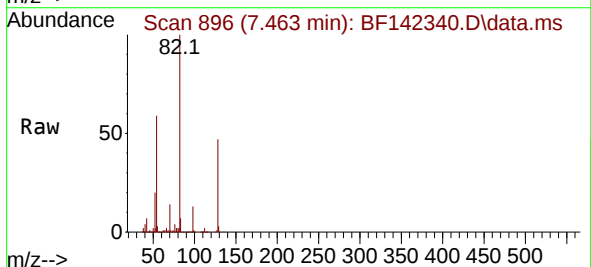
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

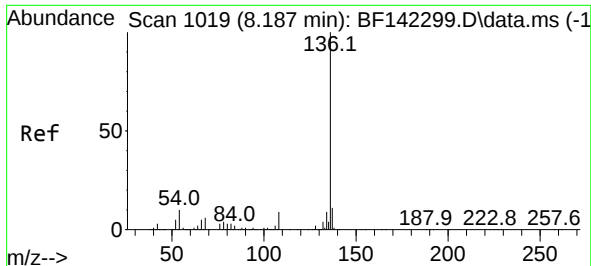
Tgt Ion: 99 Resp: 583361
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.4
71 31.1 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.903 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Tgt Ion: 70 Resp: 156427
Ion Ratio Lower Upper
70 100
42 54.8 54.8 82.2#
101 0.0 7.7 11.5#
130 2.5 17.4 26.2#



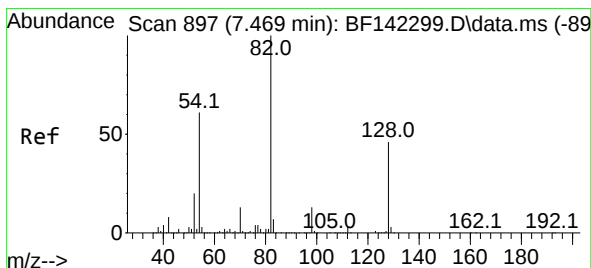
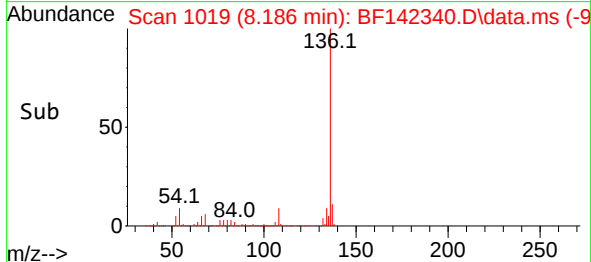
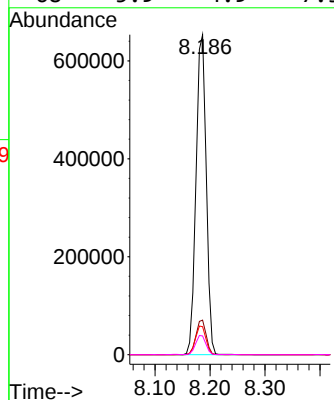
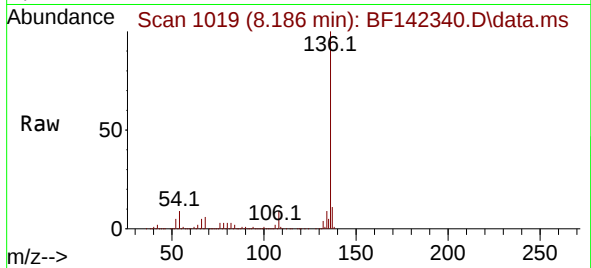


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

Tgt Ion:136 Resp: 842702

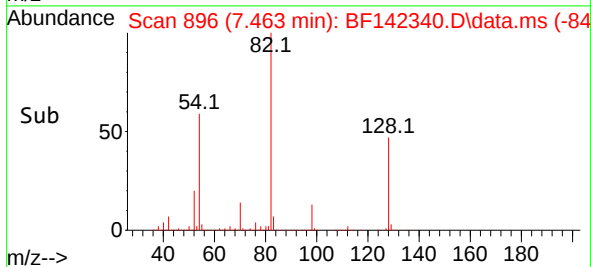
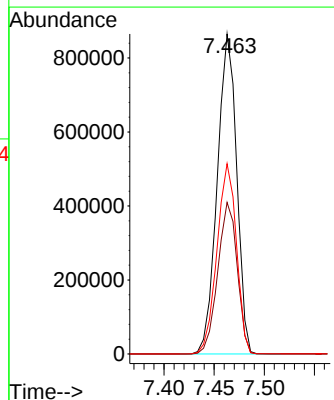
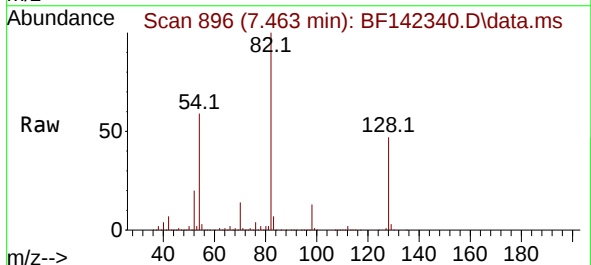
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.8	7.7	11.5
68	5.9	4.9	7.3

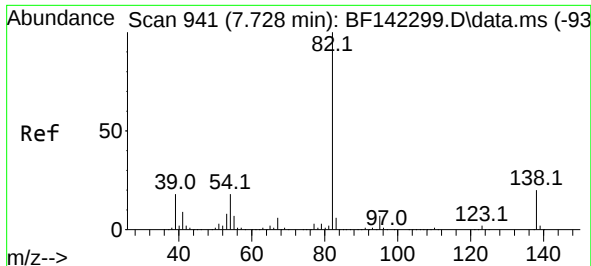


#23
Nitrobenzene-d5
Concen: 84.195 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Tgt Ion: 82 Resp: 1163375

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.0	55.6
54	59.4	48.6	73.0

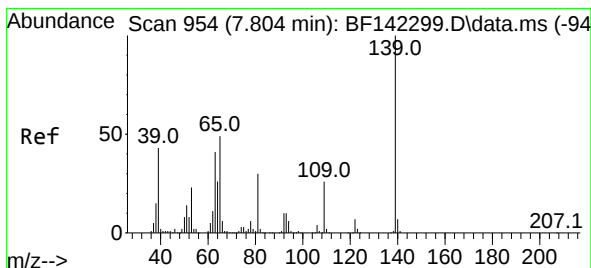
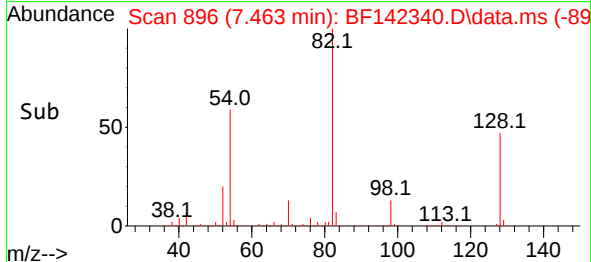
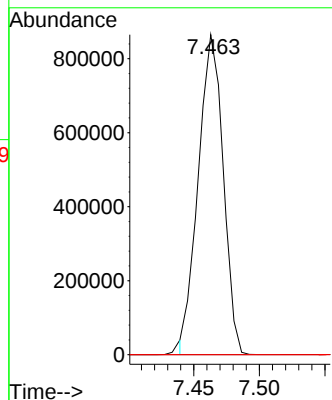
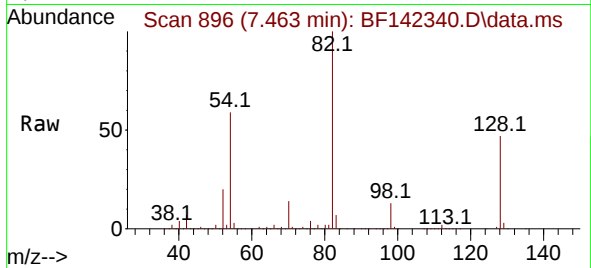




#25
Isophorone
Concen: 43.772 ng
RT: 7.463 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

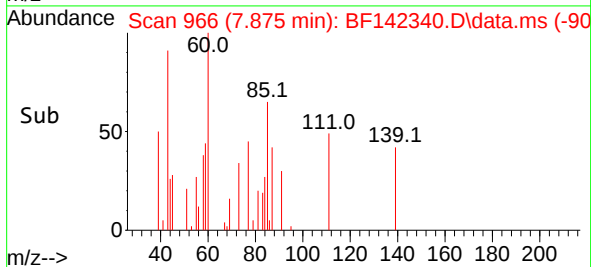
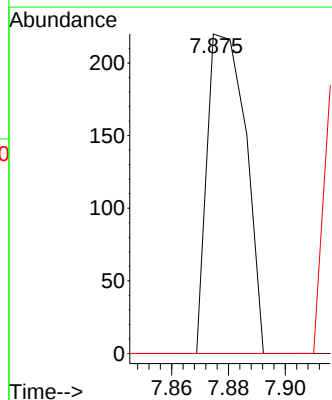
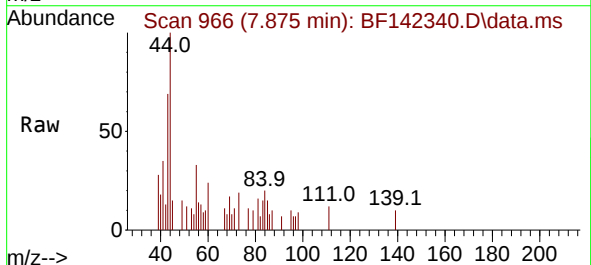
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ClientSampleId :
MW-3-20250508

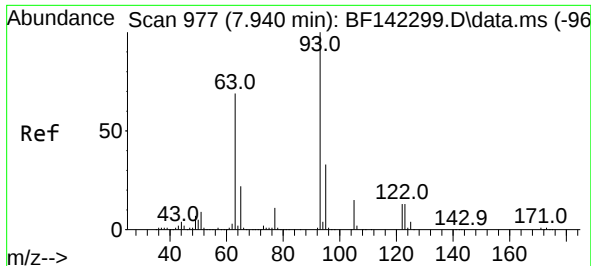
Tgt Ion: 82 Resp: 1145321
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#26
2-Nitrophenol
Concen: 4.118 ng
RT: 7.875 min Scan# 966
Delta R.T. 0.071 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Tgt Ion:139 Resp: 207
Ion Ratio Lower Upper
139 100
109 0.0 20.8 31.2#
65 0.0 38.9 58.3#

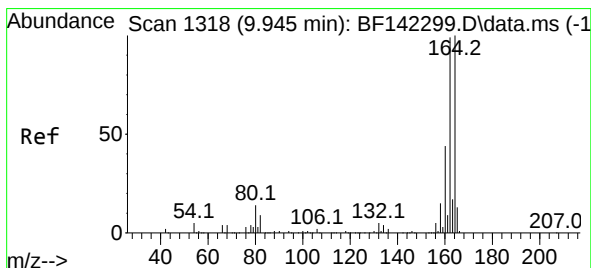
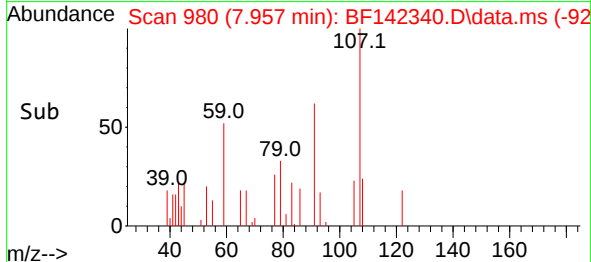
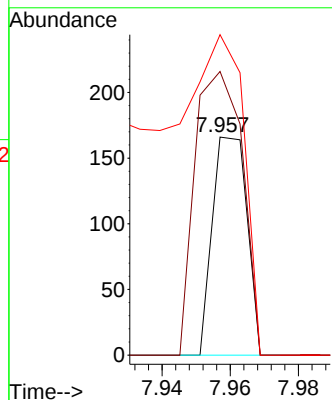
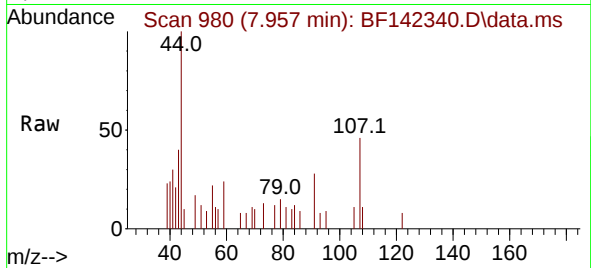




#32
Benzoic acid
Concen: 6.032 ng
RT: 7.957 min Scan# 91
Delta R.T. 0.017 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

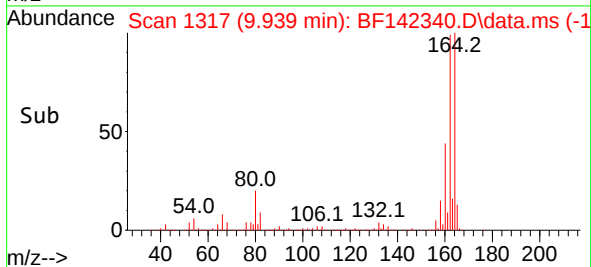
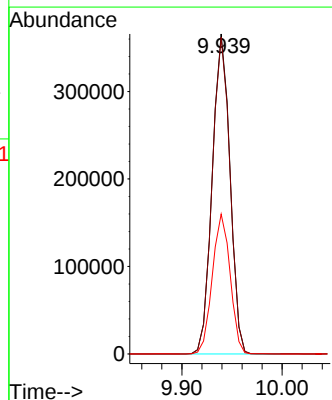
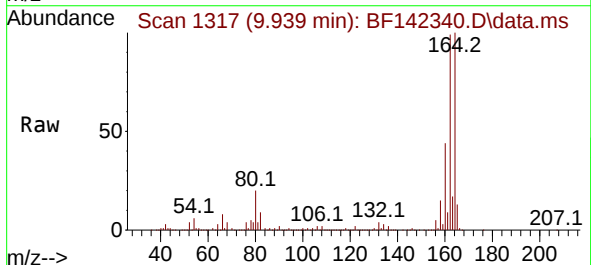
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

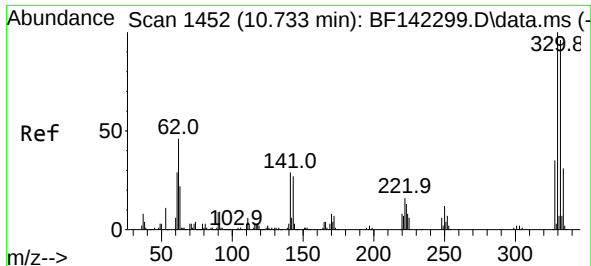
Tgt Ion:122 Resp: 116
Ion Ratio Lower Upper
122 100
105 130.1 97.9 137.9
77 147.0 67.7 107.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Tgt Ion:164 Resp: 448798
Ion Ratio Lower Upper
164 100
162 99.0 79.2 118.8
160 43.7 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 141.970 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142340.D

Acq: 13 May 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508

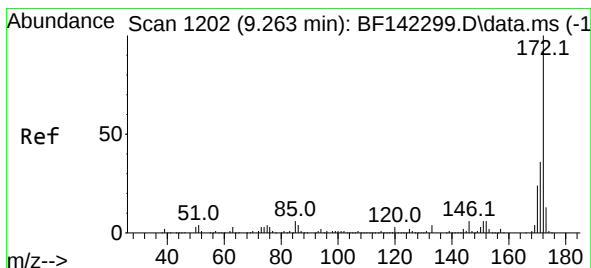
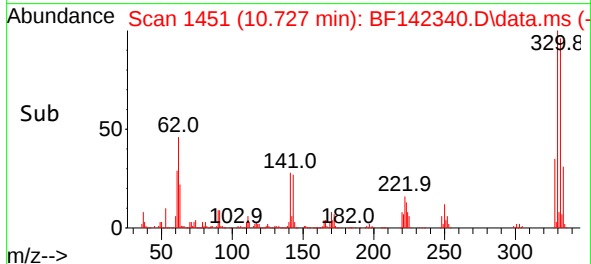
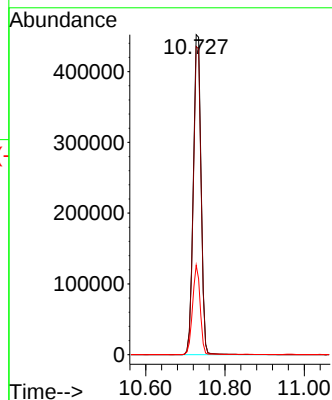
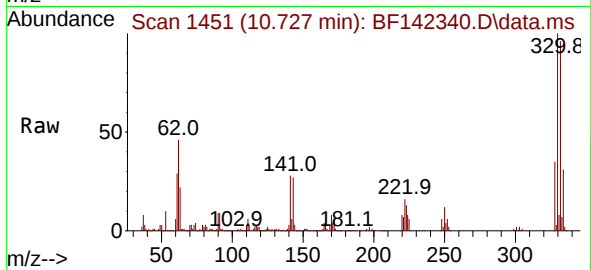
Tgt Ion:330 Resp: 615166

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 27.7 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 72.100 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF142340.D

Acq: 13 May 2025 12:47

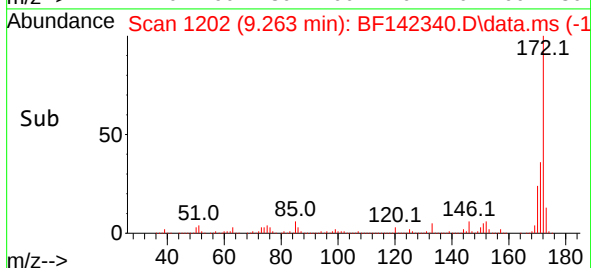
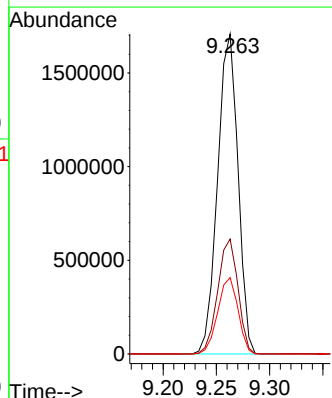
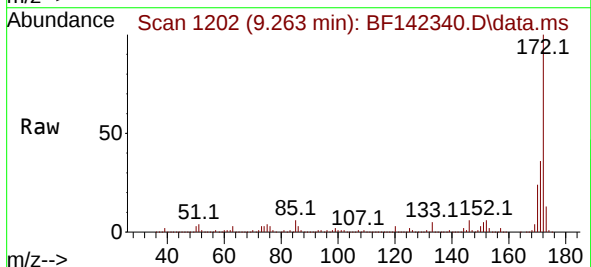
Tgt Ion:172 Resp: 2269378

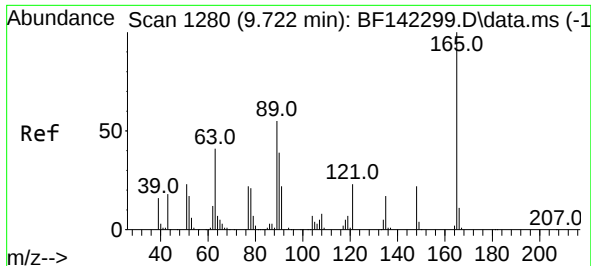
Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

170 23.9 19.0 28.4

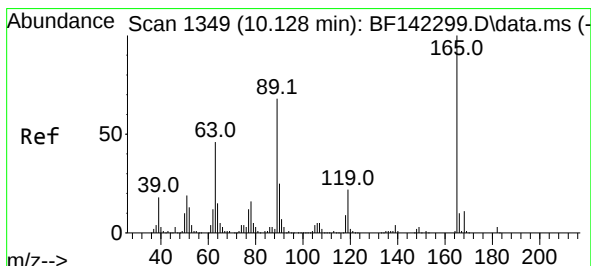
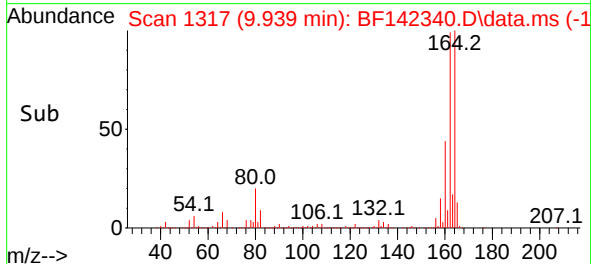
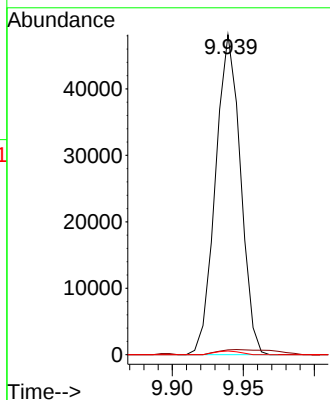
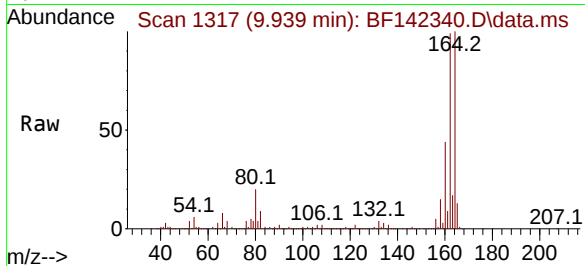




#51
2,6-Dinitrotoluene
Concen: 10.911 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.217 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

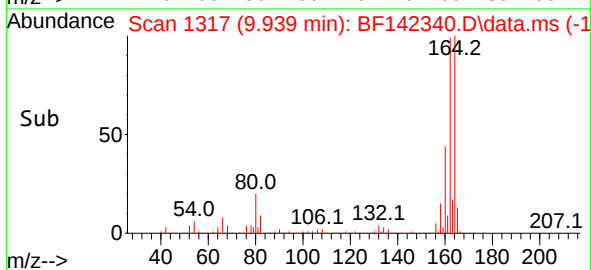
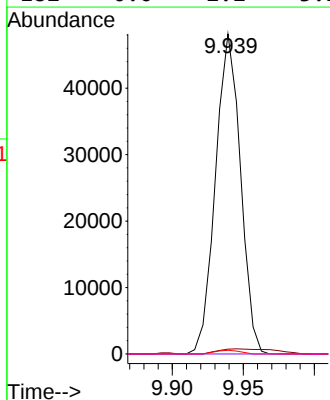
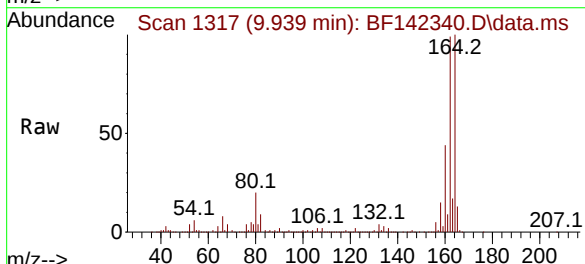
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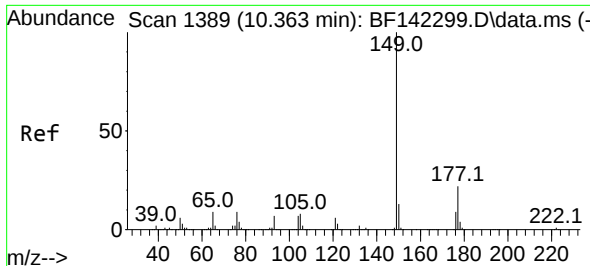
Tgt Ion:165 Resp: 58855
Ion Ratio Lower Upper
165 100
63 1.5 49.5 74.3#
89 1.1 44.6 66.8#



#57
2,4-Dinitrotoluene
Concen: 8.506 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Tgt Ion:165 Resp: 58855
Ion Ratio Lower Upper
165 100
63 1.5 37.1 55.7#
89 1.1 54.4 81.6#
182 0.0 2.2 3.2#

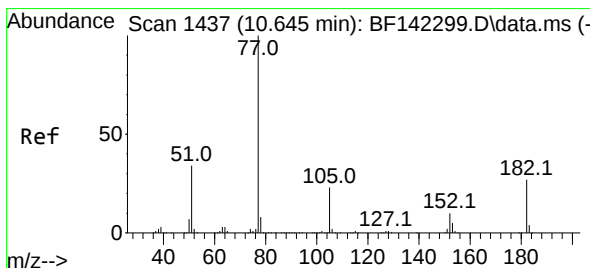
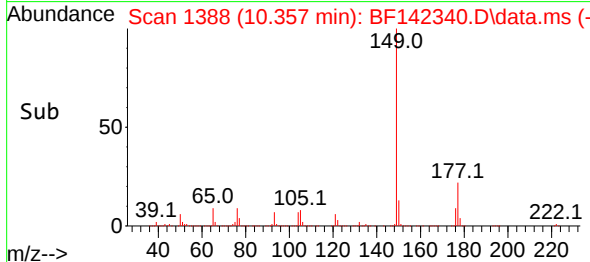
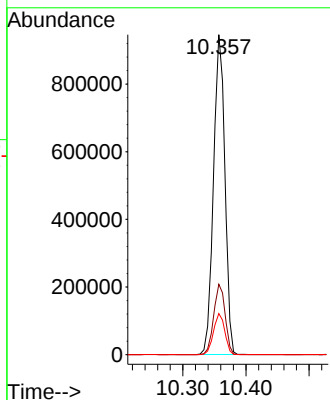
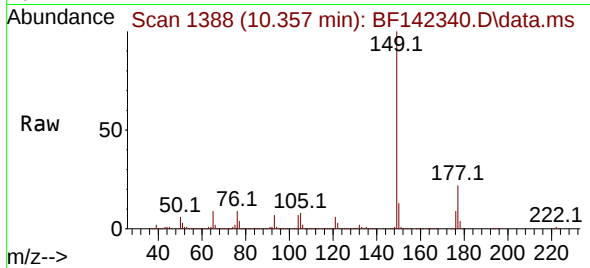




#60
Diethylphthalate
Concen: 41.086 ng
RT: 10.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

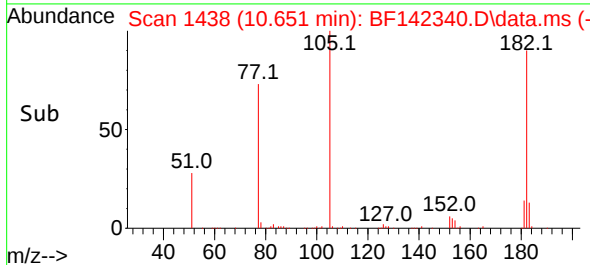
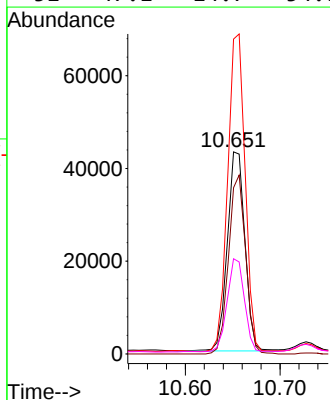
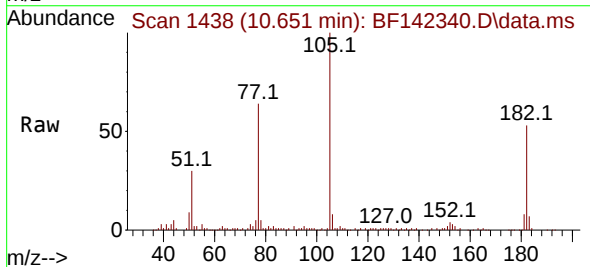
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

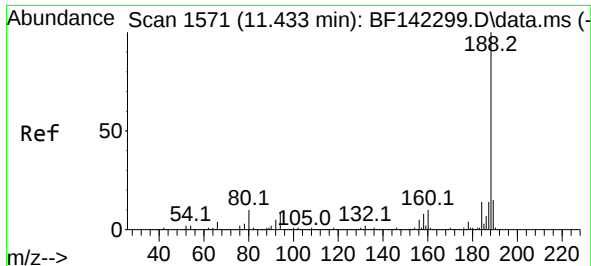
Tgt Ion:149 Resp: 1182460
Ion Ratio Lower Upper
149 100
177 22.0 17.6 26.4
150 12.9 10.1 15.1



#63
Azobenzene
Concen: 2.019 ng
RT: 10.651 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Tgt Ion: 77 Resp: 55530
Ion Ratio Lower Upper
77 100
182 82.2 6.9 46.9#
105 155.8 2.7 42.7#
51 47.1 14.7 54.7

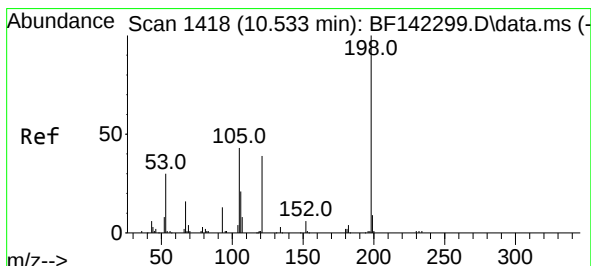
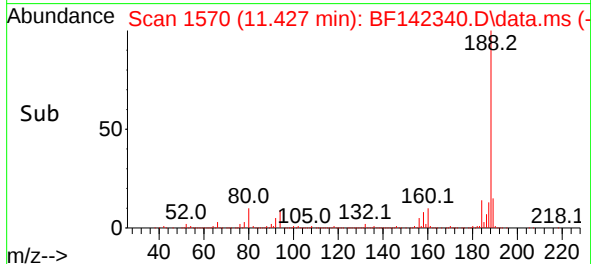
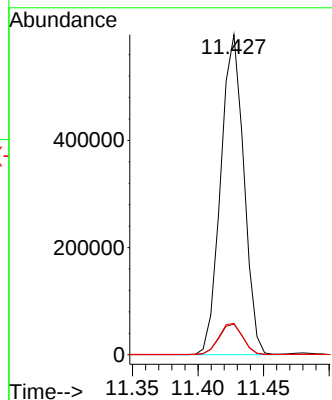
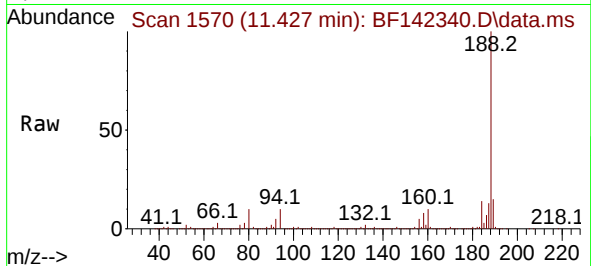




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

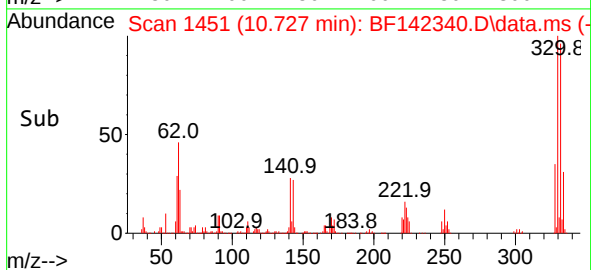
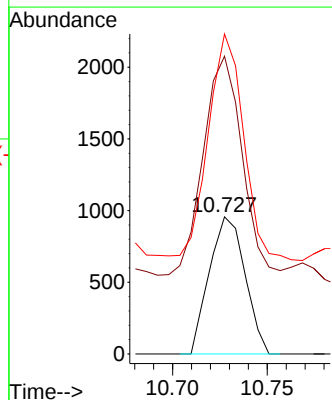
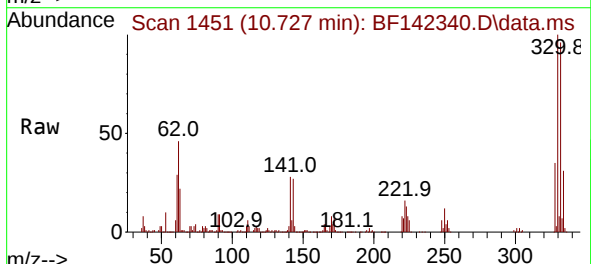
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

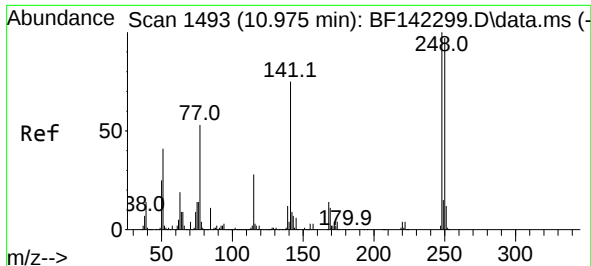
Tgt Ion:188 Resp: 733306
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 9.8 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 7.497 ng
RT: 10.727 min Scan# 1451
Delta R.T. 0.194 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Tgt Ion:198 Resp: 1256
Ion Ratio Lower Upper
198 100
51 217.3 32.9 72.9#
105 233.5 23.7 63.7#

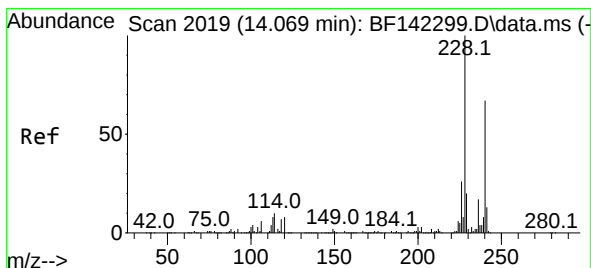
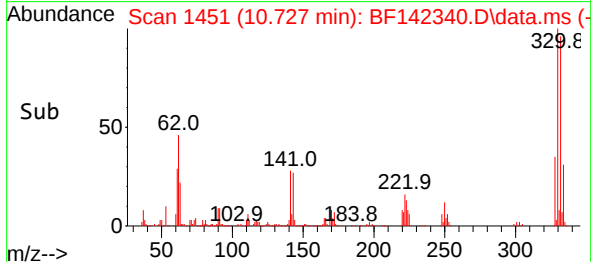
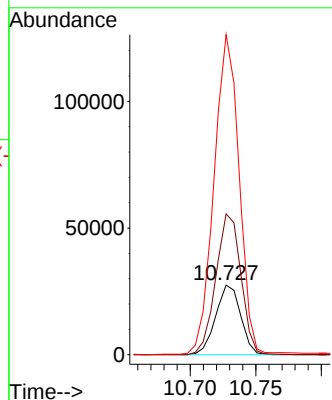
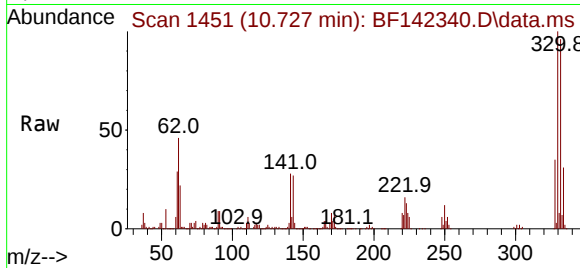




#67
4-Bromophenyl-phenylether
Concen: 4.366 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

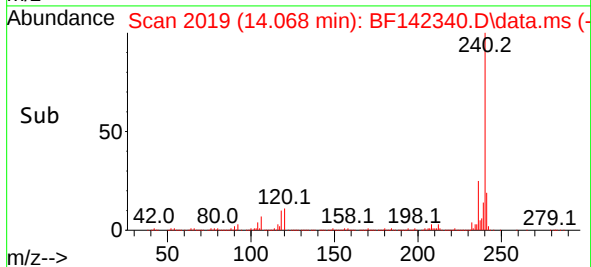
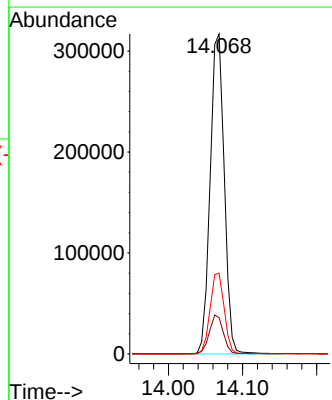
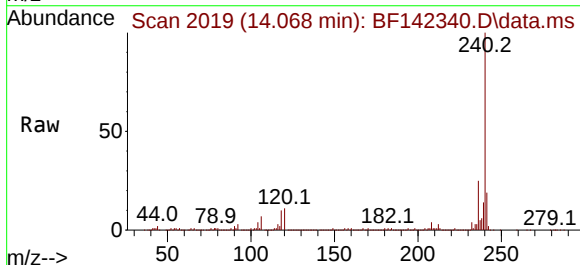
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

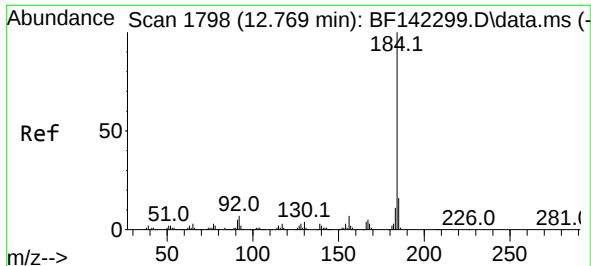
Tgt Ion:248 Resp: 36287
Ion Ratio Lower Upper
248 100
250 202.0 77.9 116.9#
141 459.2 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Tgt Ion:240 Resp: 419257
Ion Ratio Lower Upper
240 100
120 11.3 9.7 14.5
236 25.3 20.0 30.0

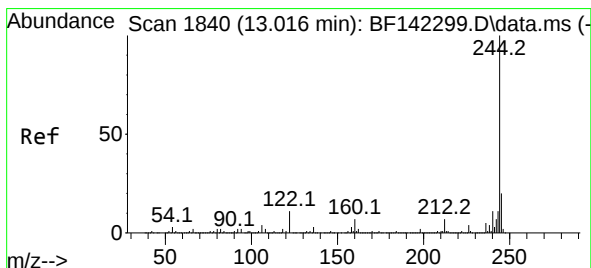
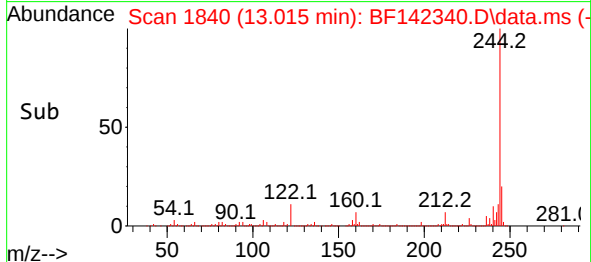
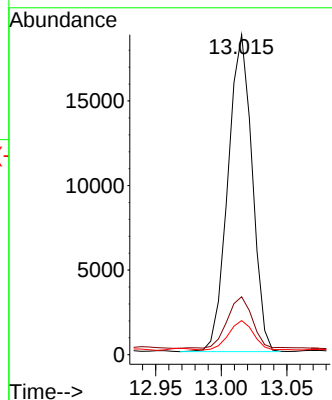
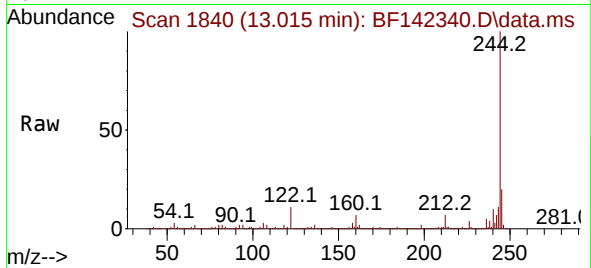




#77
Benzidine
Concen: 3.159 ng
RT: 13.015 min Scan# 1840
Delta R.T. 0.246 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

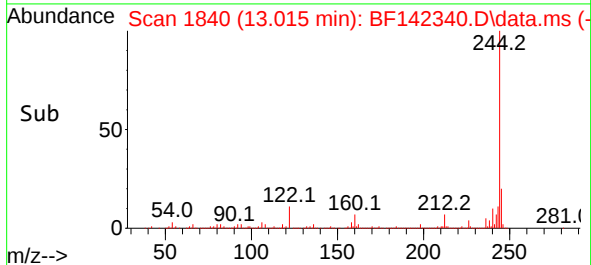
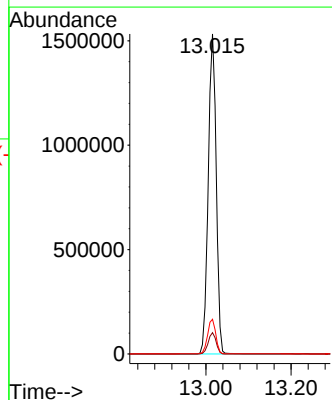
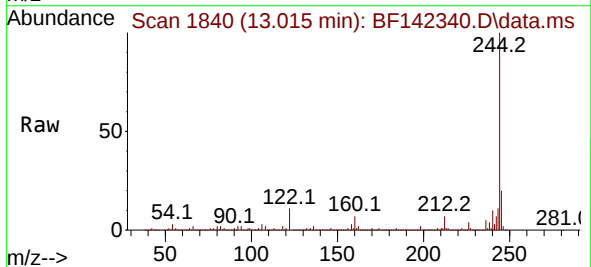
Instrument :
BNA_F
ClientSampleId :
MW-3-20250508

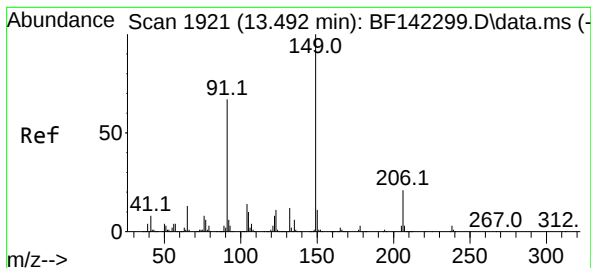
Tgt Ion:184 Resp: 24070
Ion Ratio Lower Upper
184 100
185 18.1 12.6 18.8
183 10.6 8.6 12.8



#79
Terphenyl-d14
Concen: 70.219 ng
RT: 13.015 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BF142340.D
Acq: 13 May 2025 12:47

Tgt Ion:244 Resp: 1989033
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 10.9 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.744 ng

RT: 13.486 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF142340.D

Acq: 13 May 2025 12:47

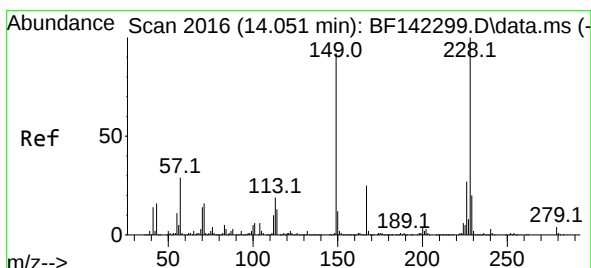
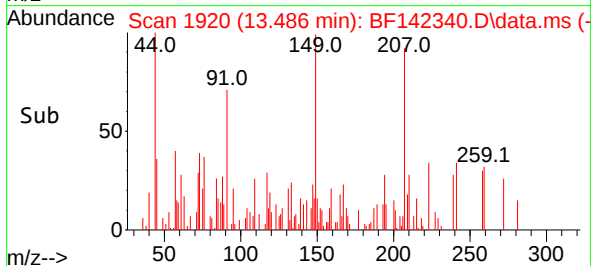
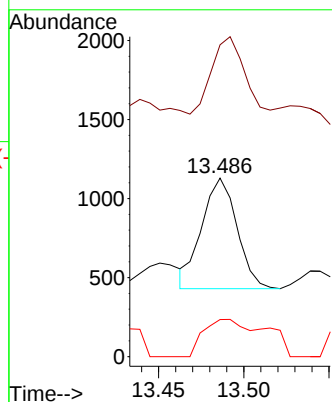
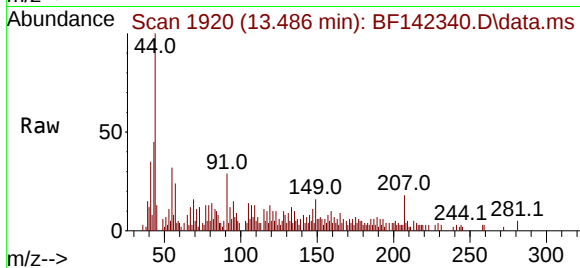
Instrument :

BNA_F

ClientSampleId :

MW-3-20250508

Tgt Ion:149	Resp:	1005
Ion Ratio	Lower	Upper
149	100	
91	174.7	53.8 80.6#
206	20.8	16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.732 ng

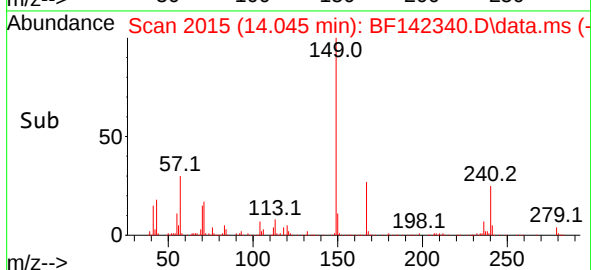
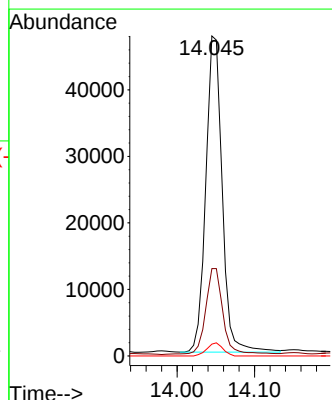
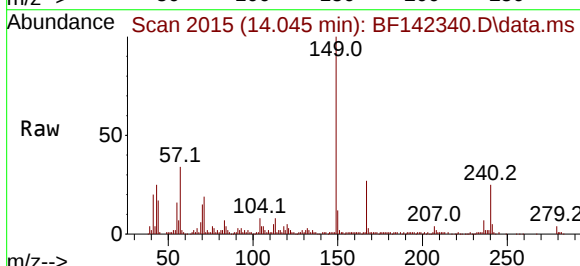
RT: 14.045 min Scan# 2015

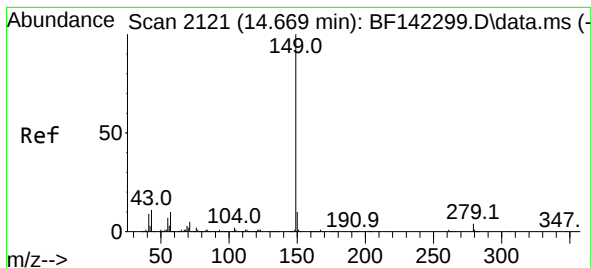
Delta R.T. -0.006 min

Lab File: BF142340.D

Acq: 13 May 2025 12:47

Tgt Ion:149	Resp:	69922
Ion Ratio	Lower	Upper
149	100	
167	27.3	22.0 33.0
279	3.7	3.0 4.6





#85

Di-n-octyl phthalate

Concen: 7.849 ng

RT: 14.668 min Scan# 2121

Delta R.T. -0.001 min

Lab File: BF142340.D

Acq: 13 May 2025 12:47

Instrument :

BNA_F

ClientSampleId :

MW-3-20250508

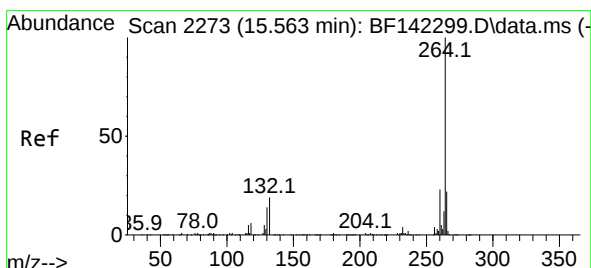
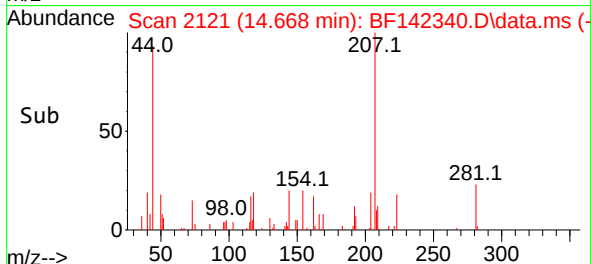
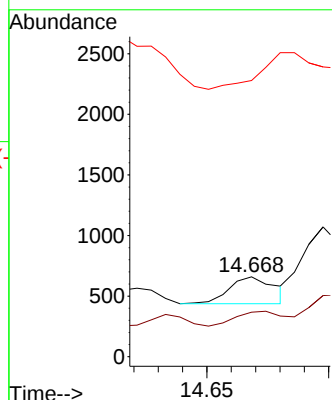
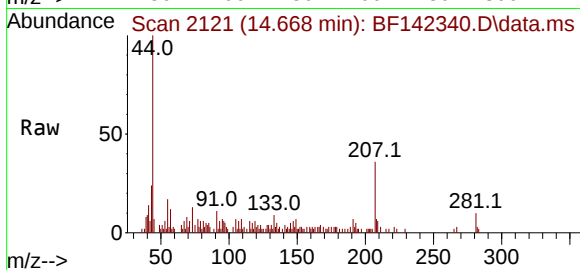
Tgt Ion:149 Resp: 288

Ion Ratio Lower Upper

149 100

167 62.2 1.1 1.7#

43 399.7 9.2 13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.556 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142340.D

Acq: 13 May 2025 12:47

Tgt Ion:264 Resp: 445497

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.7 17.5 26.3

