

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142339.D
 Acq On : 13 May 2025 12:19
 Operator : RC/JU
 Sample : Q1985-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW8-BW-20250507

Quant Time: May 13 12:53:18 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)

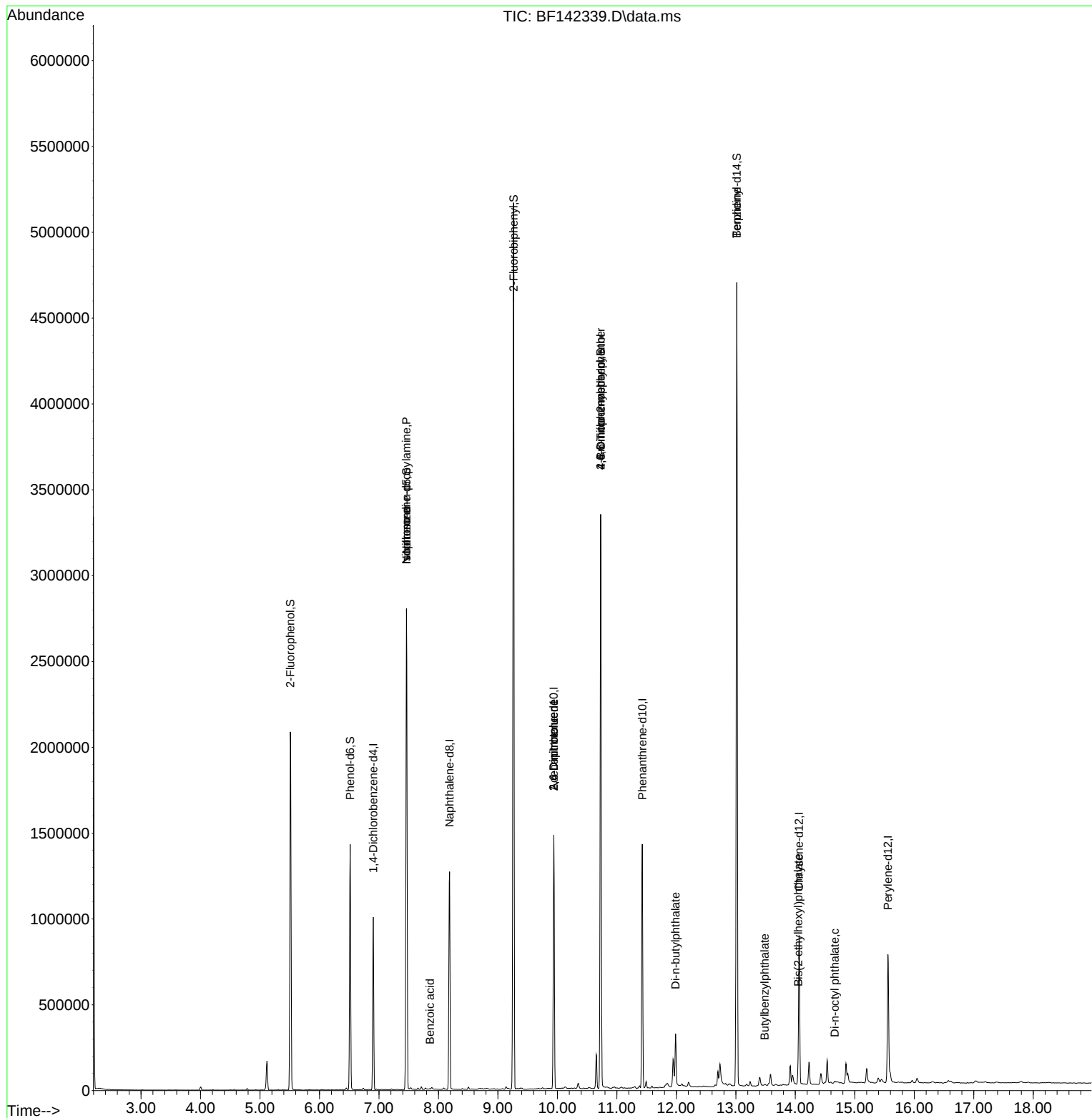
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	212517	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	807643	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	430614	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	722213	20.000	ng	0.00
76) Chrysene-d12	14.063	240	417288	20.000	ng	0.00
86) Perylene-d12	15.557	264	438932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	806634	64.794	ng	0.00
7) Phenol-d6	6.516	99	627414	40.977	ng	0.00
23) Nitrobenzene-d5	7.463	82	1232210	93.047	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	636918	153.197	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2360710	78.169	ng	0.00
79) Terphenyl-d14	13.016	244	2343970	83.140	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	166102	17.538	ng	# 78
25) Isophorone	7.463	82	1215472	48.469	ng	# 62
32) Benzoic acid	7.857	122	738	6.127	ng	# 68
51) 2,6-Dinitrotoluene	9.939	165	56172	10.853	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	56172	8.461	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.728	198	1095	7.462	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	37957	4.637	ng	# 1
74) Di-n-butylphthalate	11.986	149	205174	5.591	ng	99
77) Benzidine	13.016	184	29359	3.872	ng	# 96
80) Butylbenzylphthalate	13.486	149	1555	3.792	ng	88
84) Bis(2-ethylhexyl)phtha...	14.051	149	44292	7.098	ng	98
85) Di-n-octyl phthalate	14.663	149	221	7.847	ng	# 1

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

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BNA_F
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RW8-BW-20250507

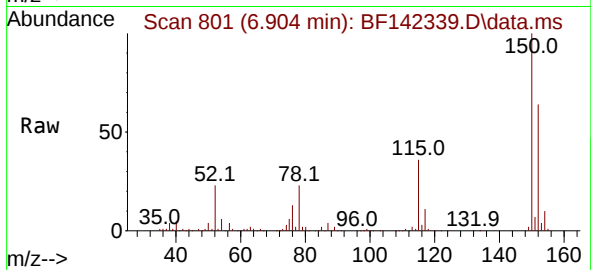
Quant Time: May 13 12:53:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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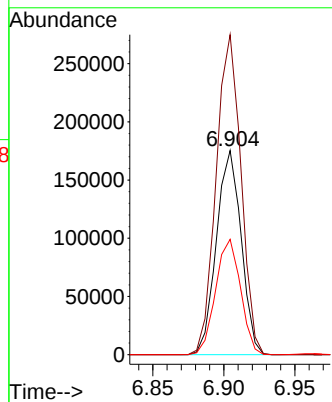
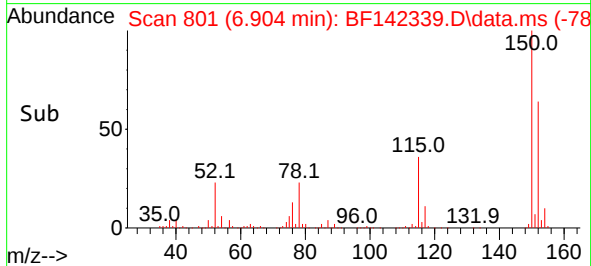


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142339.D
Acq: 13 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
RW8-BW-20250507

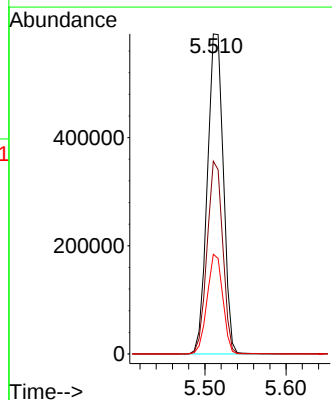
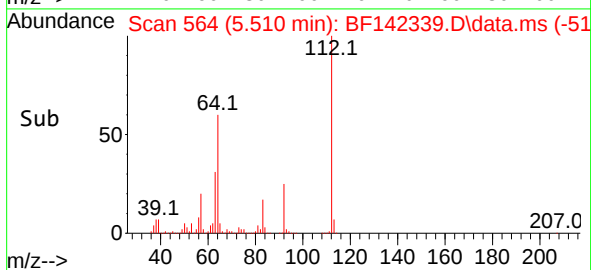
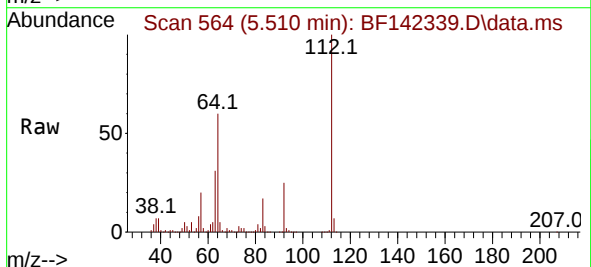


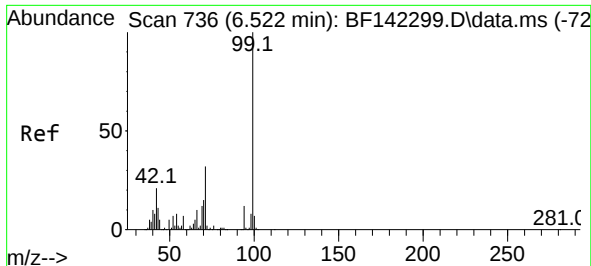
Tgt Ion:152 Resp: 212517
Ion Ratio Lower Upper
152 100
150 156.8 126.6 190.0
115 56.5 47.3 70.9



#5
2-Fluorophenol
Concen: 64.794 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF142339.D
Acq: 13 May 2025 12:19

Tgt Ion:112 Resp: 806634
Ion Ratio Lower Upper
112 100
64 60.3 48.9 73.3
63 31.1 25.6 38.4

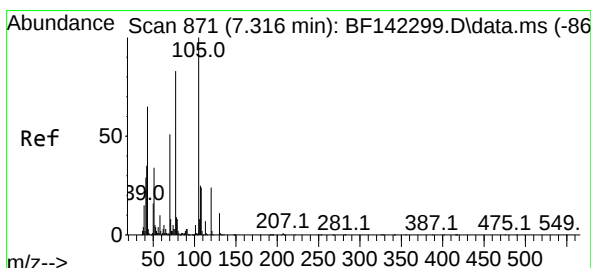
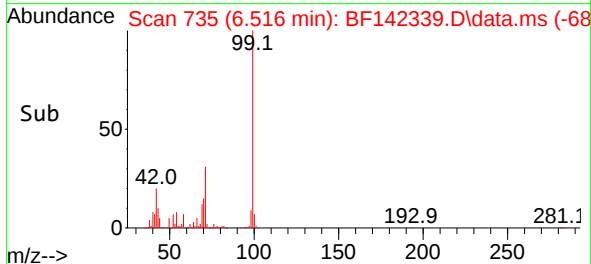
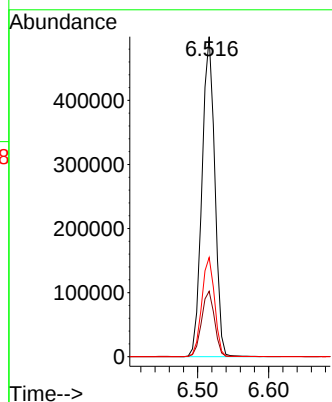
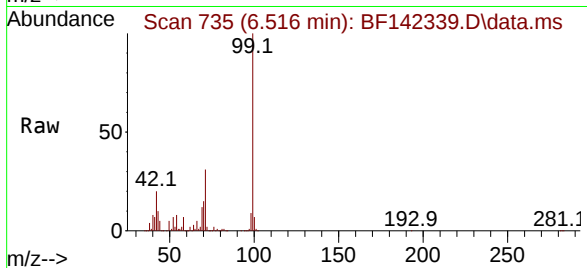




#7
Phenol-d6
Concen: 40.977 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142339.D
Acq: 13 May 2025 12:19

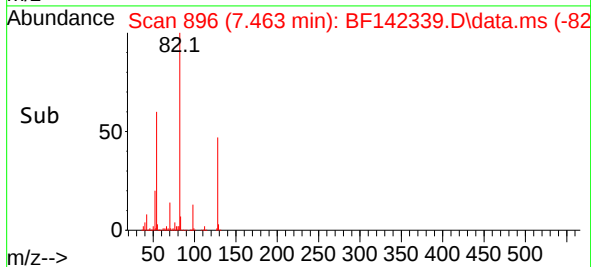
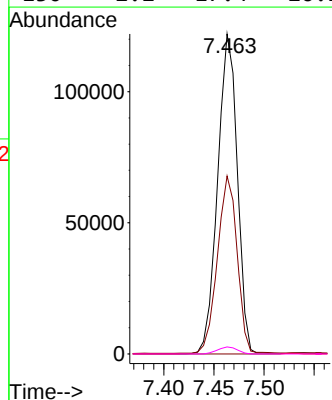
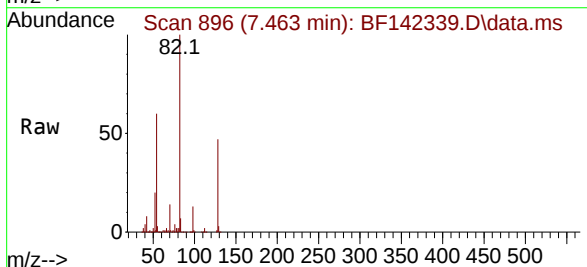
Instrument :
BNA_F
ClientSampleId :
RW8-BW-20250507

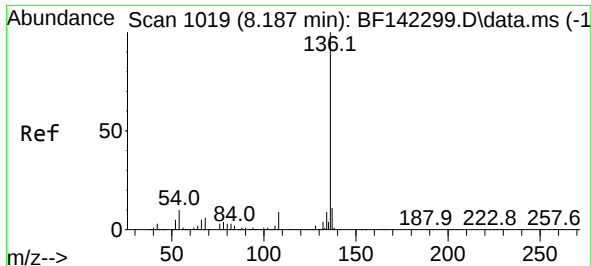
Tgt Ion: 99 Resp: 627414
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.4
71 31.0 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.538 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF142339.D
Acq: 13 May 2025 12:19

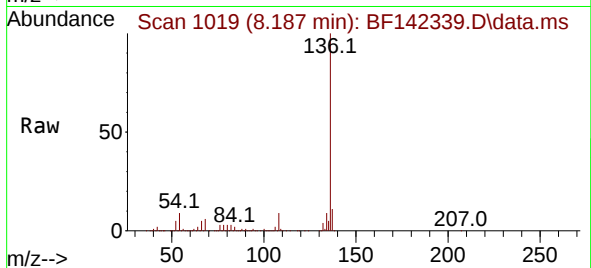
Tgt Ion: 70 Resp: 166102
Ion Ratio Lower Upper
70 100
42 55.6 54.8 82.2
101 0.0 7.7 11.5#
130 2.2 17.4 26.2#





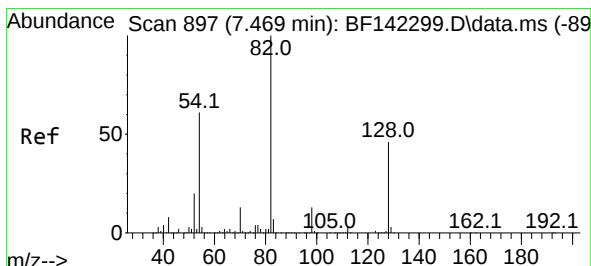
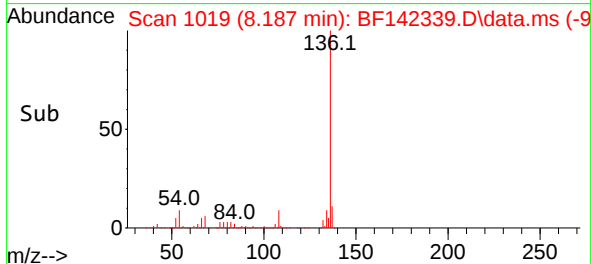
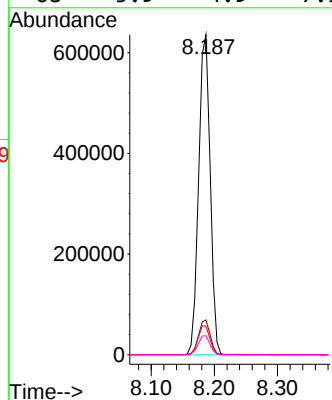
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142339.D
Acq: 13 May 2025 12:19

Instrument :
BNA_F
ClientSampleId :
RW8-BW-20250507



Tgt Ion:136 Resp: 807643

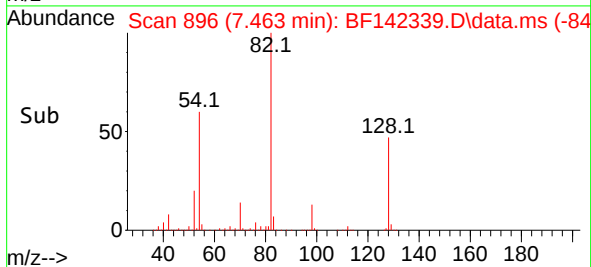
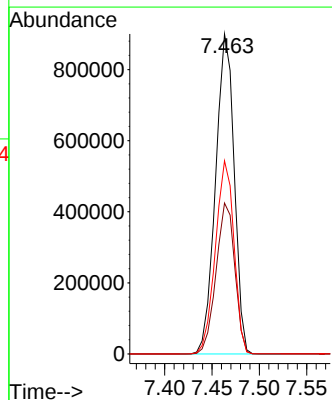
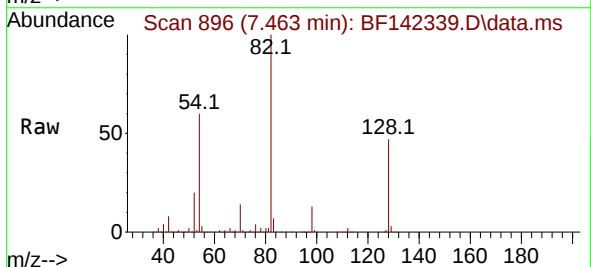
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.9	7.7	11.5
68	5.9	4.9	7.3

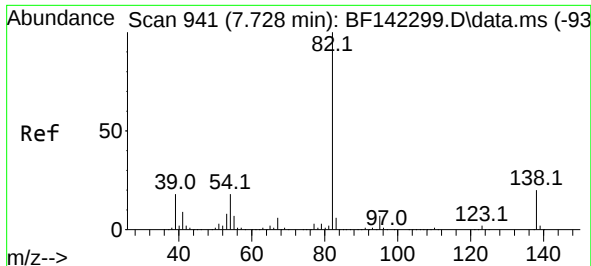


#23
Nitrobenzene-d5
Concen: 93.047 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF142339.D
Acq: 13 May 2025 12:19

Tgt Ion: 82 Resp: 1232210

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.0	55.6
54	60.4	48.6	73.0

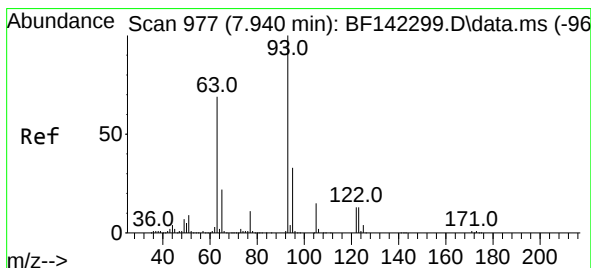
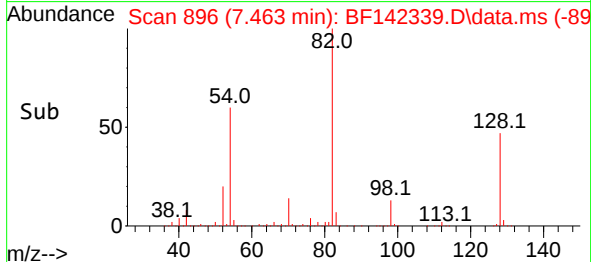
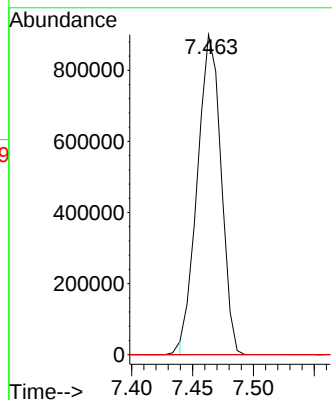
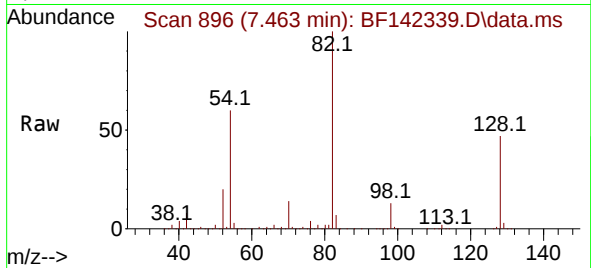




#25
Isophorone
Concen: 48.469 ng
RT: 7.463 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF142339.D
Acq: 13 May 2025 12:19

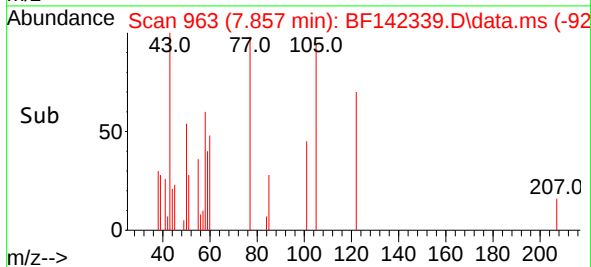
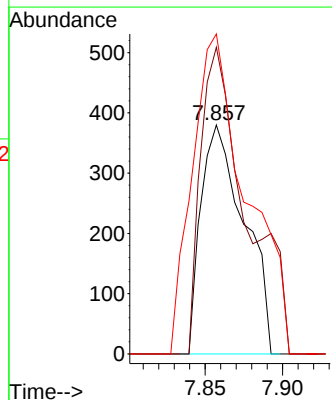
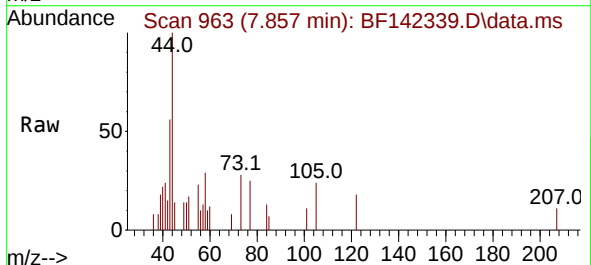
Instrument :
BNA_F
ClientSampleId :
RW8-BW-20250507

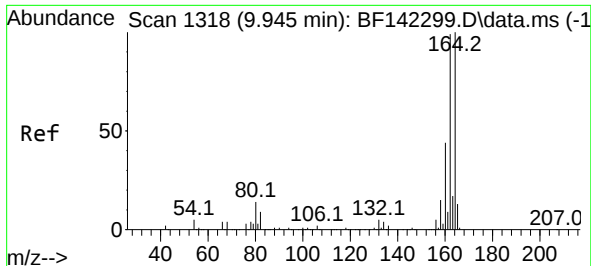
Tgt Ion: 82 Resp: 1215472
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#32
Benzoic acid
Concen: 6.127 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.083 min
Lab File: BF142339.D
Acq: 13 May 2025 12:19

Tgt Ion:122 Resp: 738
Ion Ratio Lower Upper
122 100
105 133.9 97.9 137.9
77 139.7 67.7 107.7#

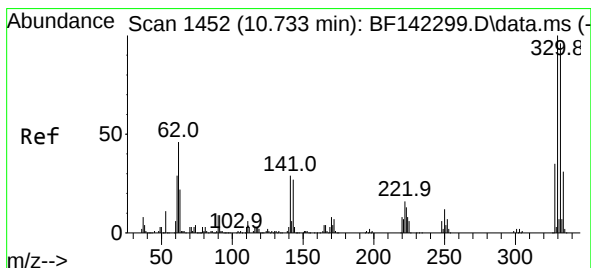
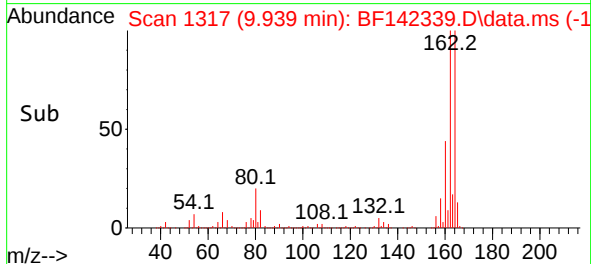
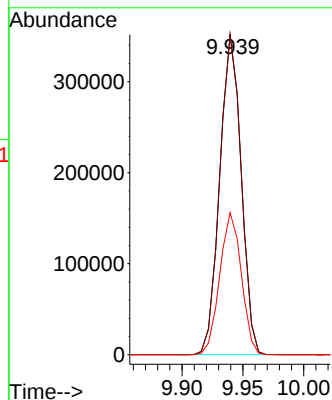
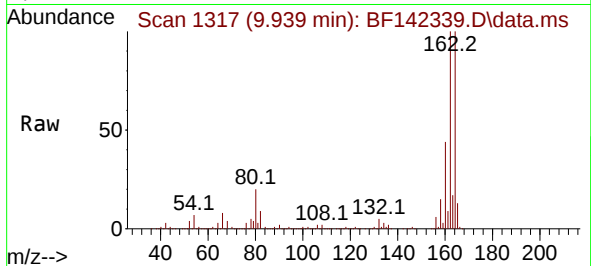




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142339.D
Acq: 13 May 2025 12:19

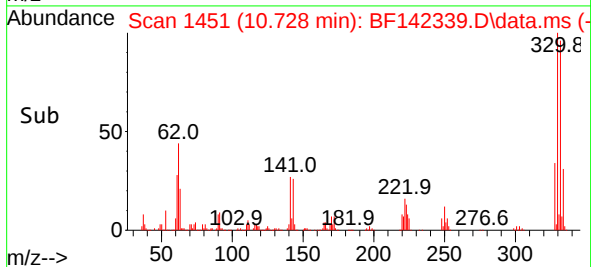
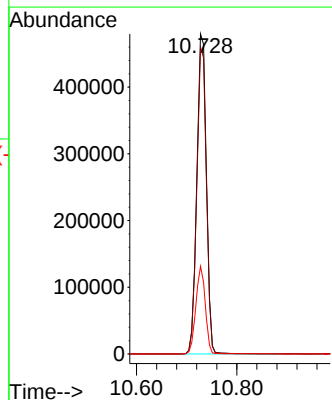
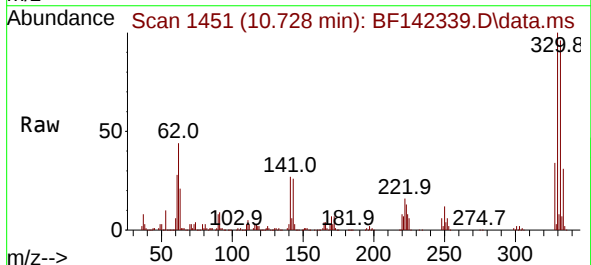
Instrument :
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ClientSampleId :
RW8-BW-20250507

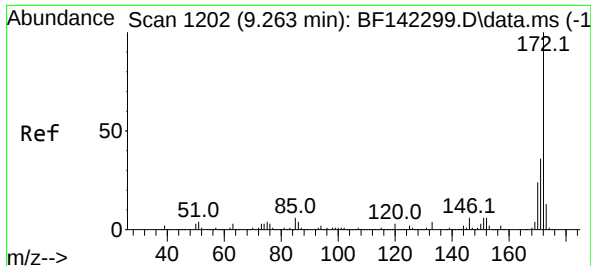
Tgt Ion:164 Resp: 430614
Ion Ratio Lower Upper
164 100
162 99.9 79.2 118.8
160 44.4 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 153.197 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142339.D
Acq: 13 May 2025 12:19

Tgt Ion:330 Resp: 636918
Ion Ratio Lower Upper
330 100
332 95.8 76.8 115.2
141 27.0 24.9 37.3





#45

2-Fluorobiphenyl

Concen: 78.169 ng

RT: 9.263 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142339.D

Acq: 13 May 2025 12:19

Instrument :

BNA_F

ClientSampleId :

RW8-BW-20250507

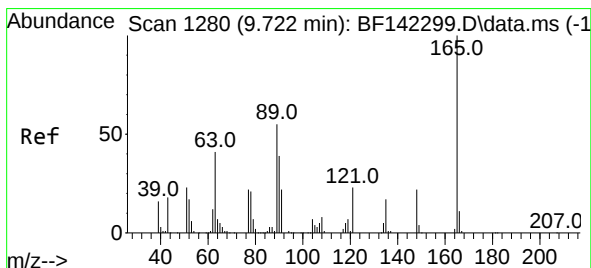
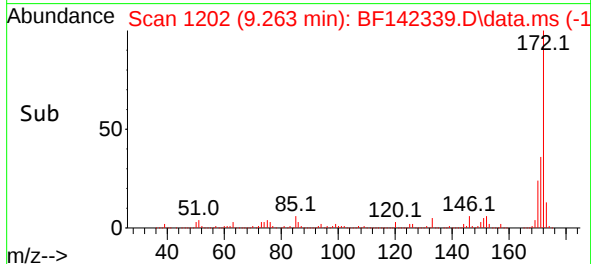
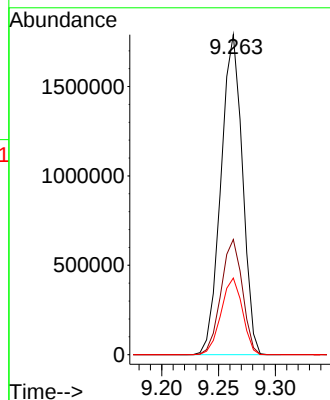
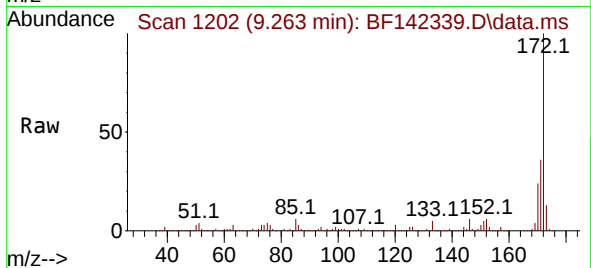
Tgt Ion:172 Resp: 2360710

Ion Ratio Lower Upper

172 100

171 36.0 28.6 42.8

170 24.0 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 10.853 ng

RT: 9.939 min Scan# 1317

Delta R.T. 0.218 min

Lab File: BF142339.D

Acq: 13 May 2025 12:19

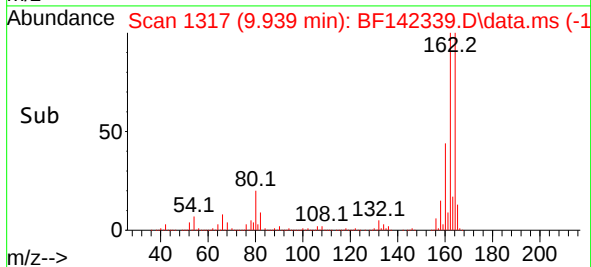
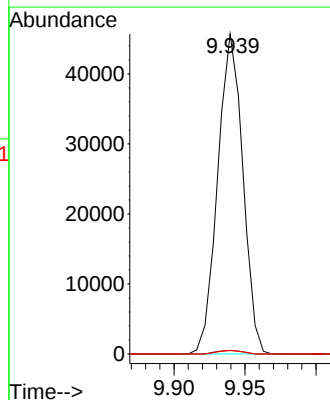
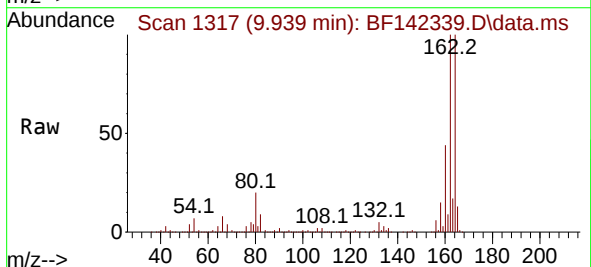
Tgt Ion:165 Resp: 56172

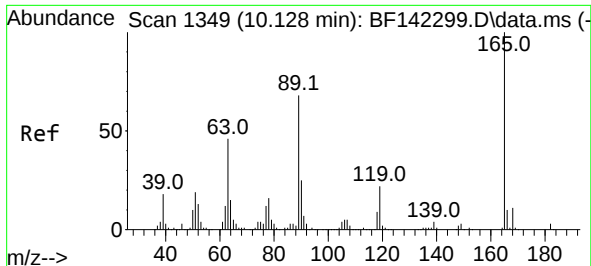
Ion Ratio Lower Upper

165 100

63 1.1 49.5 74.3#

89 1.1 44.6 66.8#

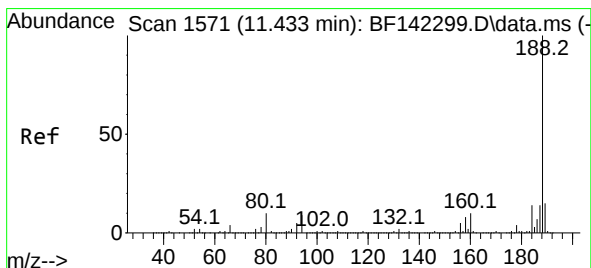
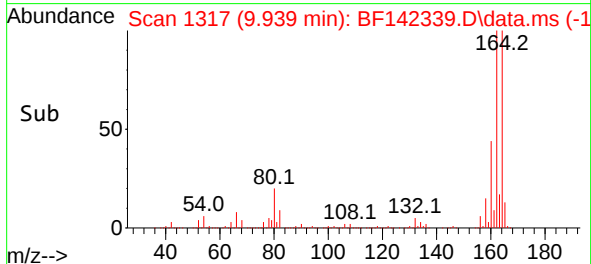
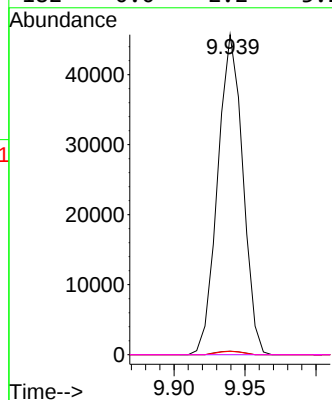
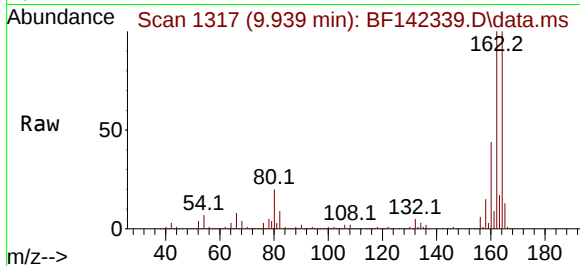




#57
2,4-Dinitrotoluene
Concen: 8.461 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF142339.D
Acq: 13 May 2025 12:19

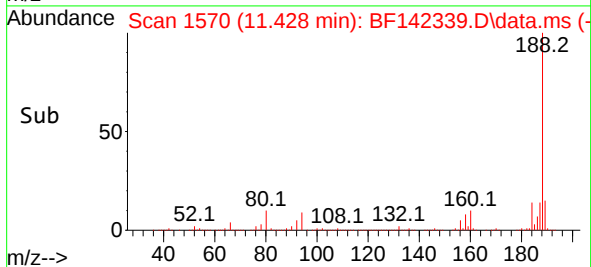
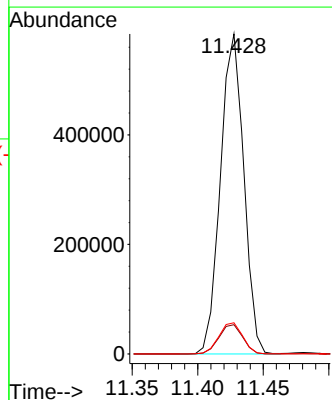
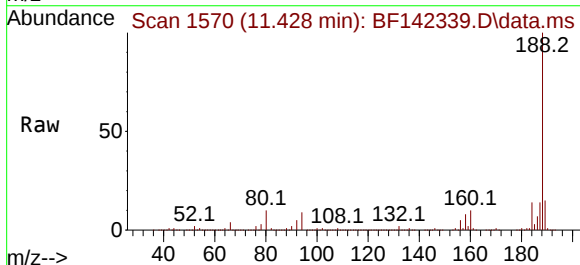
Instrument :
BNA_F
ClientSampleId :
RW8-BW-20250507

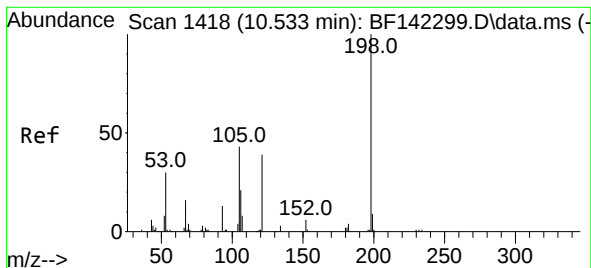
Tgt Ion:165 Resp: 56172
Ion Ratio Lower Upper
165 100
63 1.1 37.1 55.7#
89 1.1 54.4 81.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142339.D
Acq: 13 May 2025 12:19

Tgt Ion:188 Resp: 722213
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.7 7.9 11.9

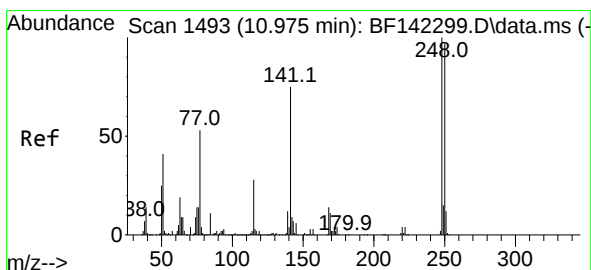
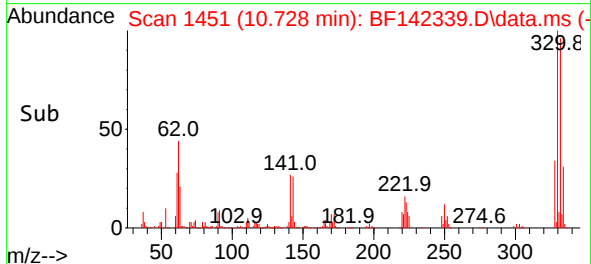
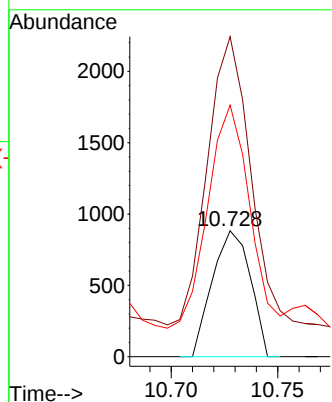
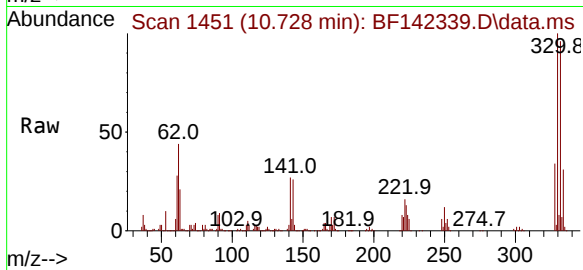




#65
4,6-Dinitro-2-methylphenol
Concen: 7.462 ng
RT: 10.728 min Scan# 1418
Delta R.T. 0.195 min
Lab File: BF142339.D
Acq: 13 May 2025 12:19

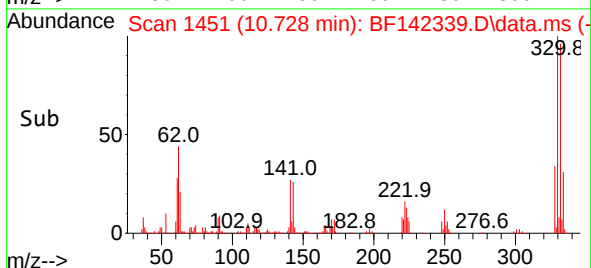
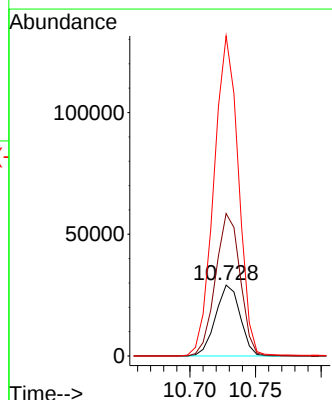
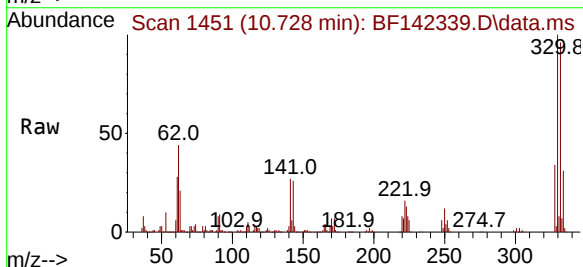
Instrument :
BNA_F
ClientSampleId :
RW8-BW-20250507

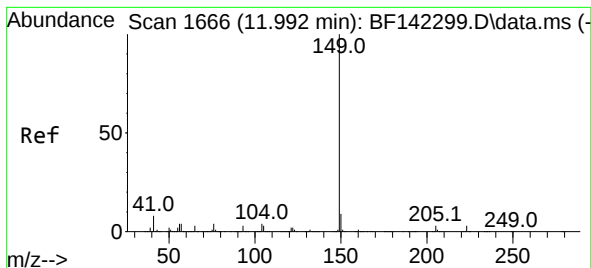
Tgt Ion:198 Resp: 1095
Ion Ratio Lower Upper
198 100
51 254.0 32.9 72.9#
105 199.7 23.7 63.7#



#67
4-Bromophenyl-phenylether
Concen: 4.637 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF142339.D
Acq: 13 May 2025 12:19

Tgt Ion:248 Resp: 37957
Ion Ratio Lower Upper
248 100
250 200.7 77.9 116.9#
141 451.1 59.8 89.8#





#74

Di-n-butylphthalate

Concen: 5.591 ng

RT: 11.986 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142339.D

Acq: 13 May 2025 12:19

Instrument :

BNA_F

ClientSampleId :

RW8-BW-20250507

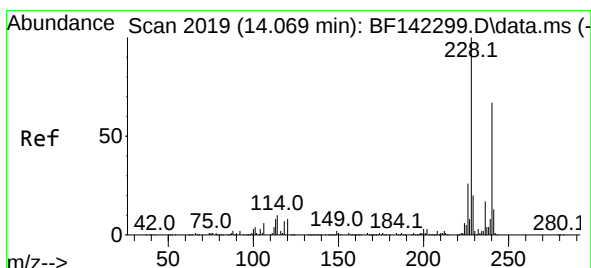
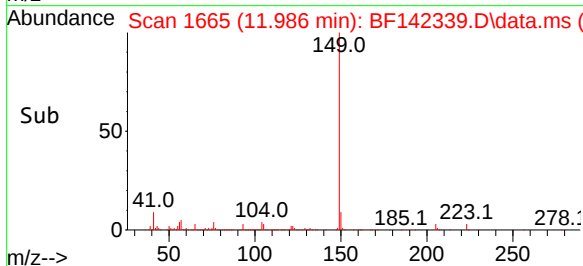
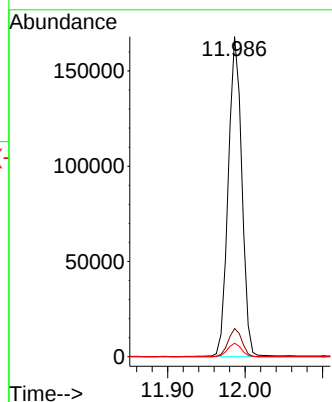
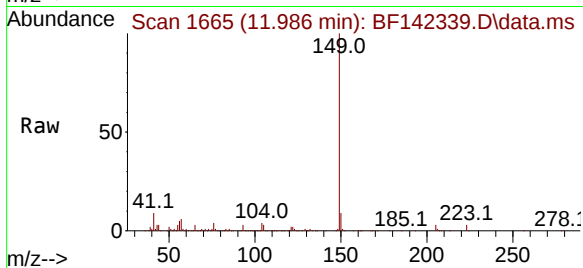
Tgt Ion:149 Resp: 205174

Ion Ratio Lower Upper

149 100

150 8.8 7.5 11.3

104 4.2 3.6 5.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF142339.D

Acq: 13 May 2025 12:19

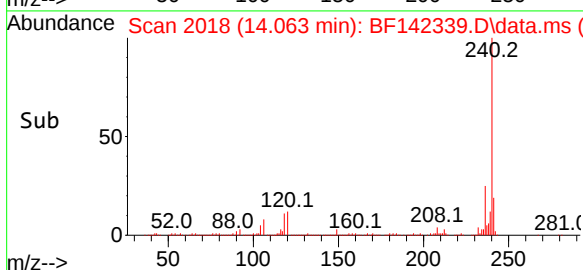
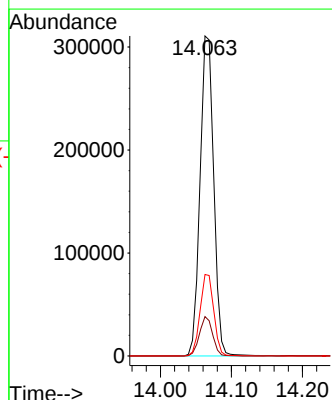
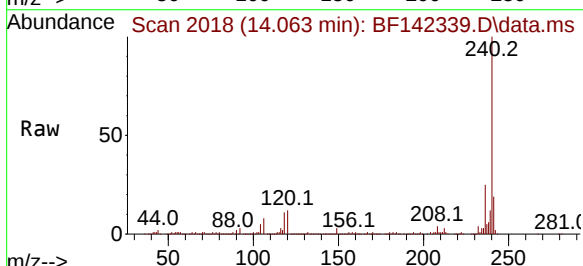
Tgt Ion:240 Resp: 417288

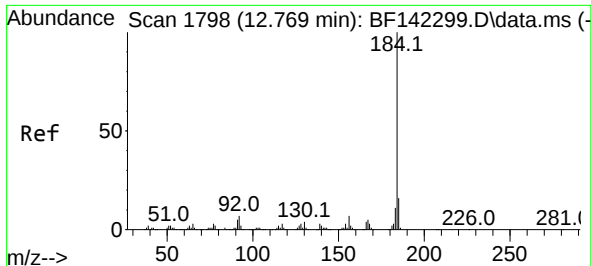
Ion Ratio Lower Upper

240 100

120 12.3 9.7 14.5

236 25.5 20.0 30.0

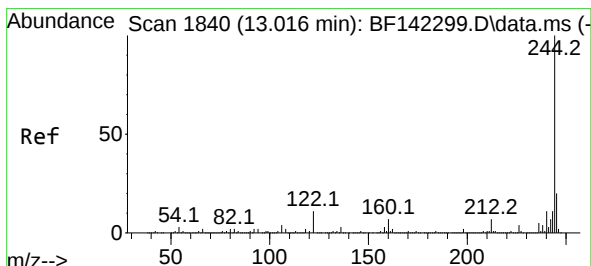
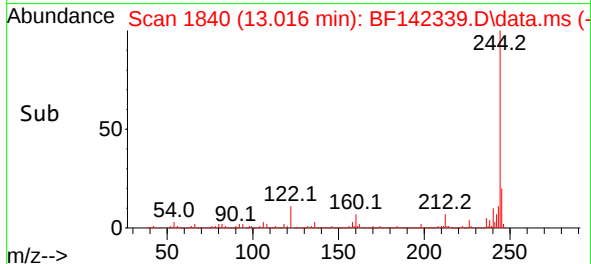
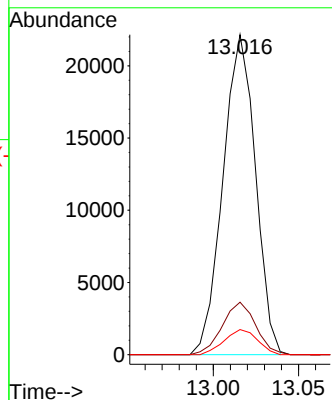
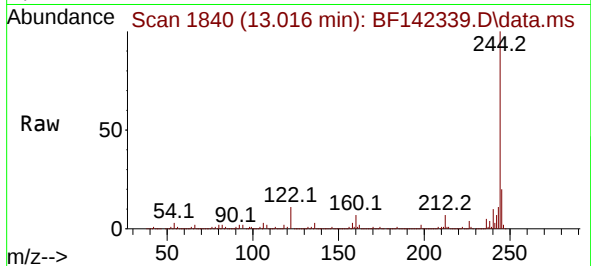




#77
Benzidine
Concen: 3.872 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.247 min
Lab File: BF142339.D
Acq: 13 May 2025 12:19

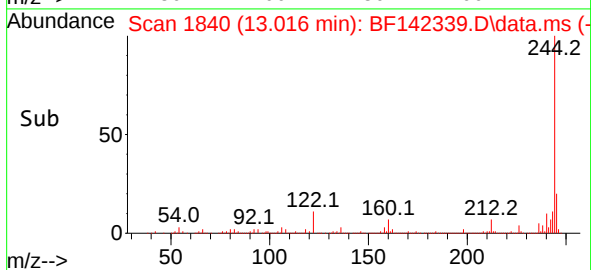
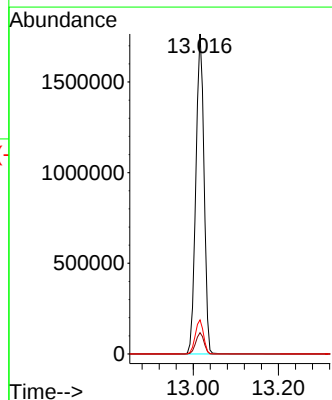
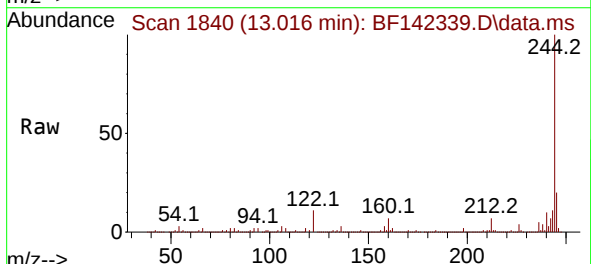
Instrument :
BNA_F
ClientSampleId :
RW8-BW-20250507

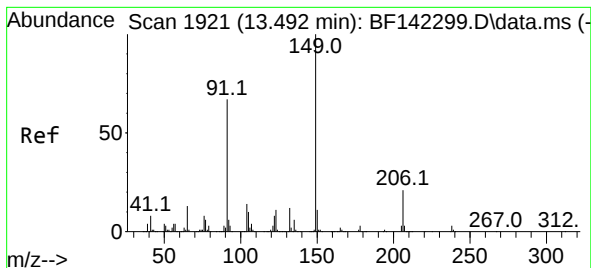
Tgt Ion:184 Resp: 29359
Ion Ratio Lower Upper
184 100
185 16.4 12.6 18.8
183 7.8 8.6 12.8#



#79
Terphenyl-d14
Concen: 83.140 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF142339.D
Acq: 13 May 2025 12:19

Tgt Ion:244 Resp: 2343970
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 10.7 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.792 ng

RT: 13.486 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF142339.D

Acq: 13 May 2025 12:19

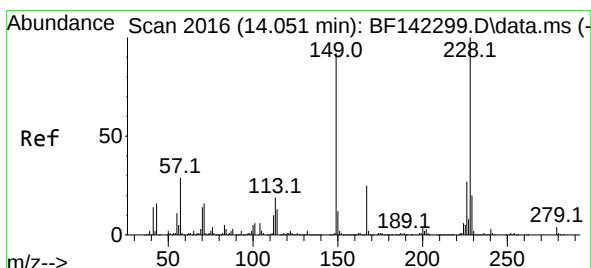
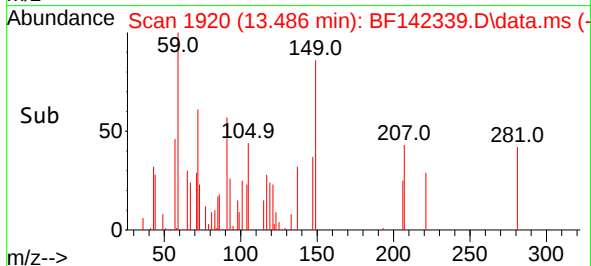
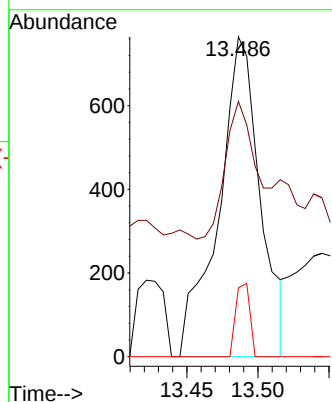
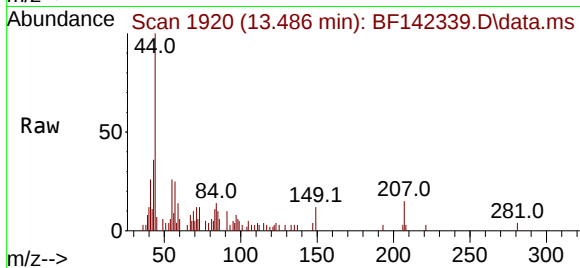
Instrument :

BNA_F

ClientSampleId :

RW8-BW-20250507

Tgt Ion:149	Resp:	1555
Ion Ratio	Lower	Upper
149	100	
91	79.7	53.8 80.6
206	21.6	16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.098 ng

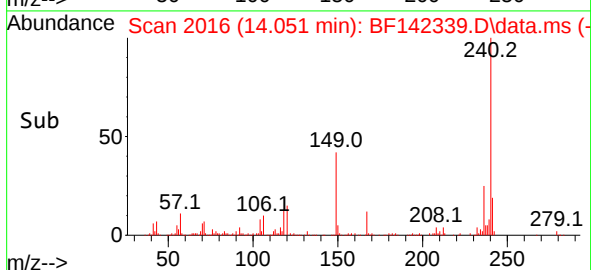
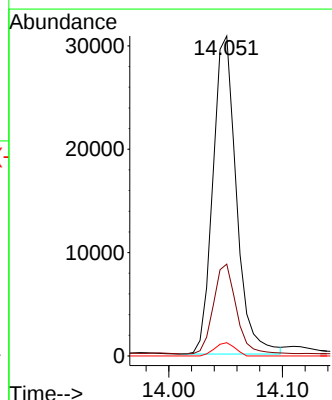
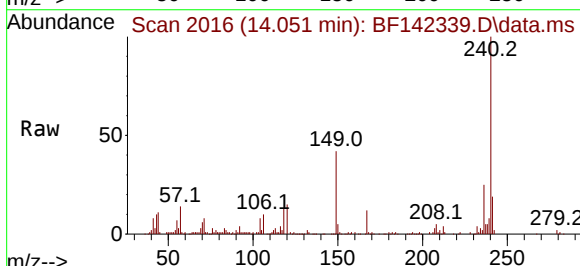
RT: 14.051 min Scan# 2016

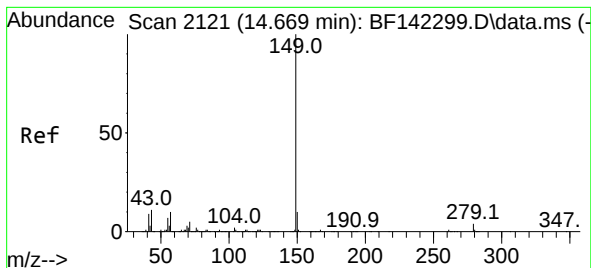
Delta R.T. -0.000 min

Lab File: BF142339.D

Acq: 13 May 2025 12:19

Tgt Ion:149	Resp:	44292
Ion Ratio	Lower	Upper
149	100	
167	28.7	22.0 33.0
279	4.1	3.0 4.6





#85

Di-n-octyl phthalate

Concen: 7.847 ng

RT: 14.663 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF142339.D

Acq: 13 May 2025 12:19

Instrument :

BNA_F

ClientSampleId :

RW8-BW-20250507

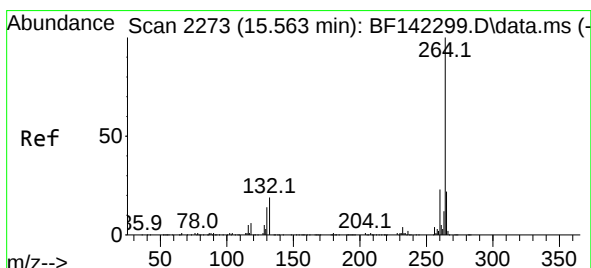
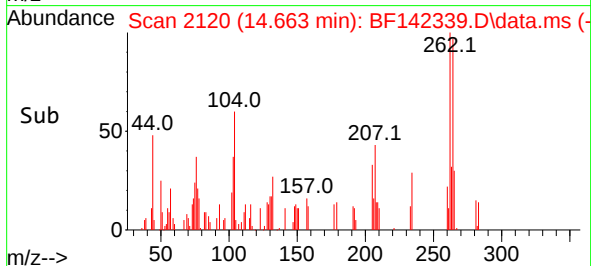
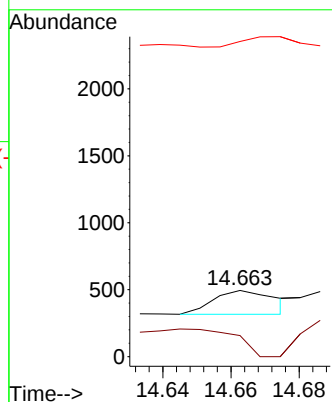
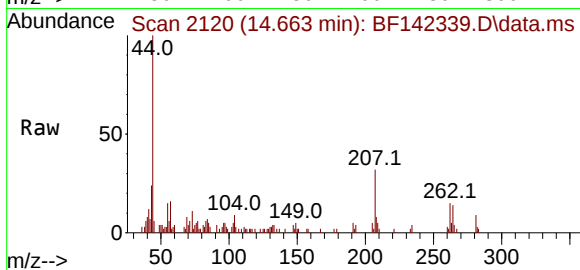
Tgt Ion:149 Resp: 221

Ion Ratio Lower Upper

149 100

167 262.0 1.1 1.7#

43 0.0 9.2 13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142339.D

Acq: 13 May 2025 12:19

Tgt Ion:264 Resp: 438932

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.5 17.5 26.3

