

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050625\
 Data File : BF142308.D
 Acq On : 06 May 2025 12:05
 Operator : RC/JU
 Sample : Q1502-22
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RR-TRIAZINE-WP

Quant Time: May 06 13:06:02 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)

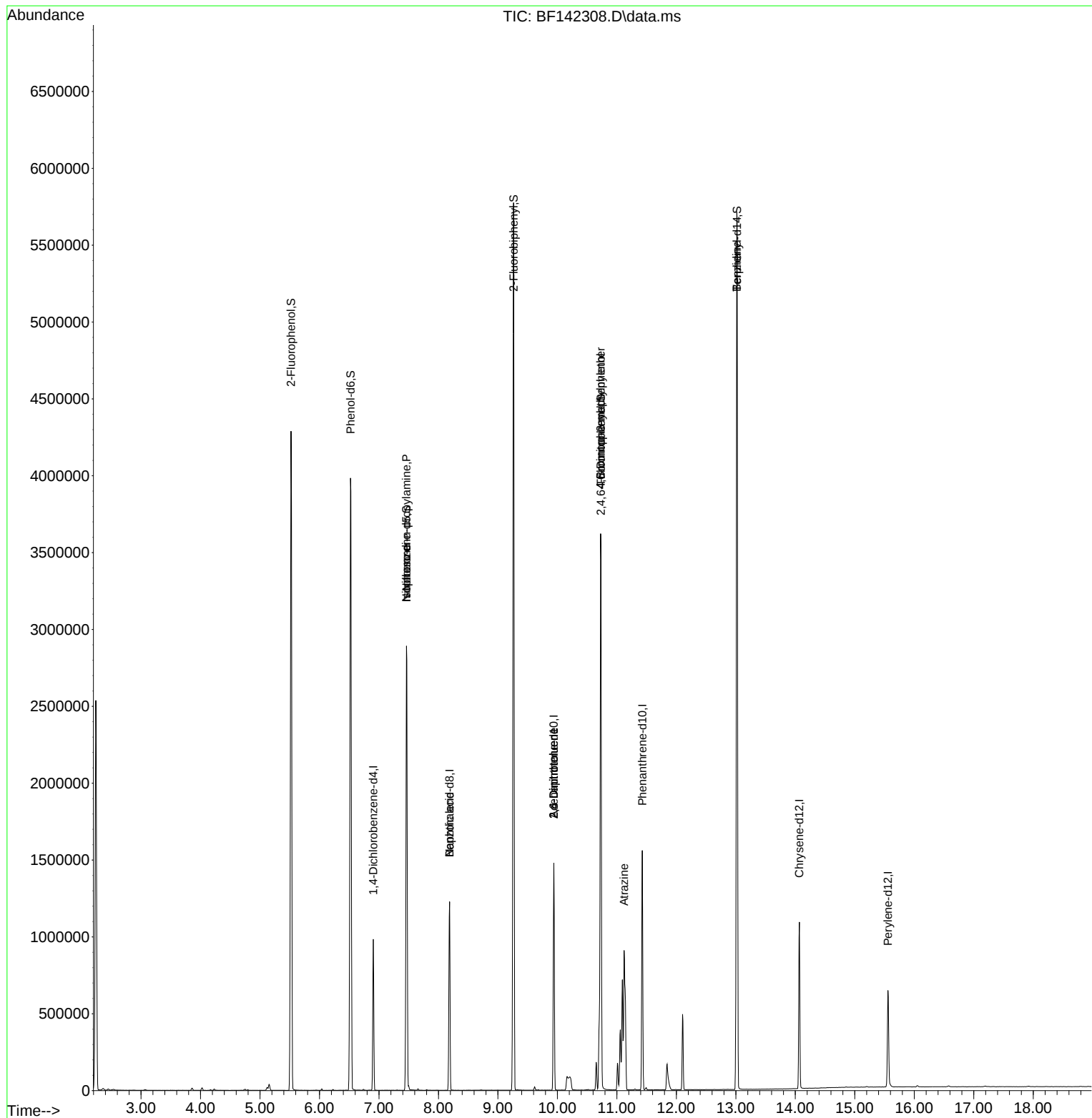
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	202516	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	782270	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	425570	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	774814	20.000	ng	0.00
76) Chrysene-d12	14.068	240	517620	20.000	ng	0.00
86) Perylene-d12	15.557	264	367860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1755063	147.940	ng	0.01
7) Phenol-d6	6.522	99	2216599	151.916	ng	0.00
23) Nitrobenzene-d5	7.463	82	1327998	103.533	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	706407	171.925	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2683112	89.898	ng	0.00
79) Terphenyl-d14	13.021	244	3157374	90.283	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	181575	20.118	ng	# 78
25) Isophorone	7.463	82	1312282	54.027	ng	# 62
32) Benzoic acid	8.186	122	61	6.024	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	55552	10.860	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	55552	8.467	ng	# 24
65) 4,6-Dinitro-2-methylph...	10.727	198	1304	7.492	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	42650	4.857	ng	# 1
69) Atrazine	11.121	200	152392	22.422	ng	99
77) Benzidine	13.015	184	38934	4.139	ng	# 95

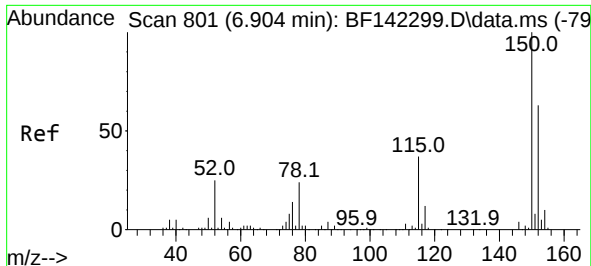
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050625\
Data File : BF142308.D
Acq On : 06 May 2025 12:05
Operator : RC/JU
Sample : Q1502-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RR-TRIAZINE-WP

Quant Time: May 06 13:06:02 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

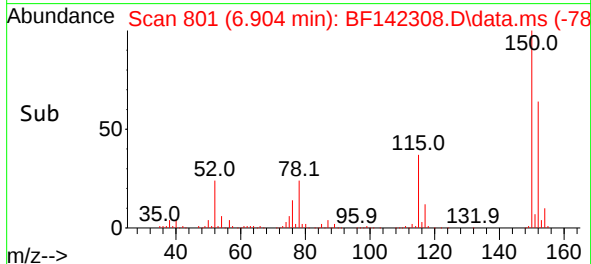
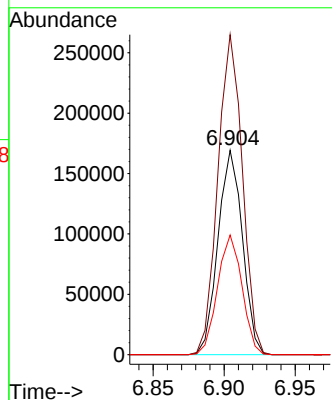
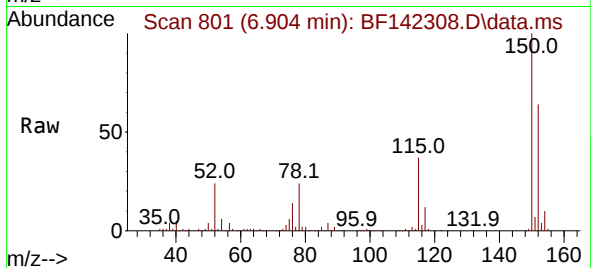




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142308.D
Acq: 06 May 2025 12:05

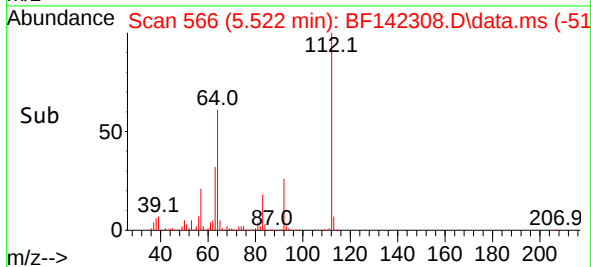
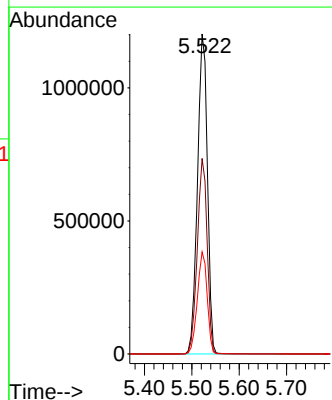
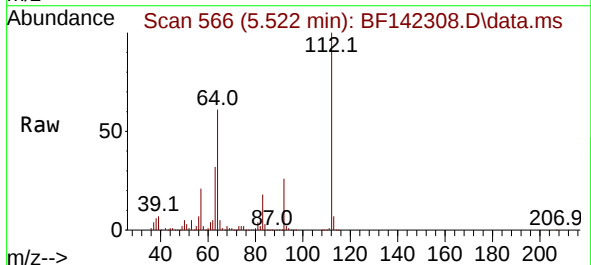
Instrument :
BNA_F
ClientSampleId :
RR-TRIAZINE-WP

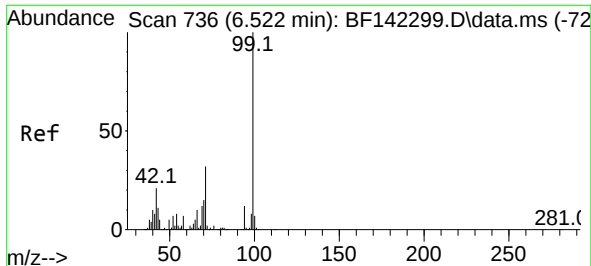
Tgt Ion:152 Resp: 202516
Ion Ratio Lower Upper
152 100
150 156.6 126.6 190.0
115 58.5 47.3 70.9



#5
2-Fluorophenol
Concen: 147.940 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF142308.D
Acq: 06 May 2025 12:05

Tgt Ion:112 Resp: 1755063
Ion Ratio Lower Upper
112 100
64 61.1 48.9 73.3
63 31.9 25.6 38.4

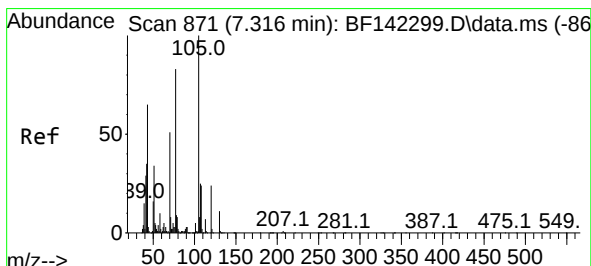
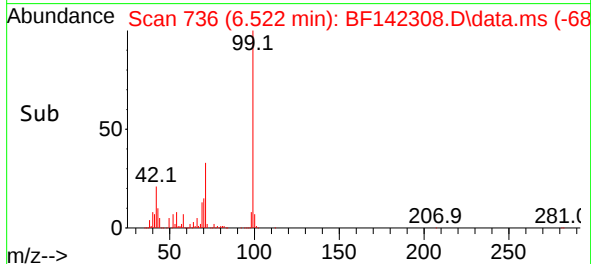
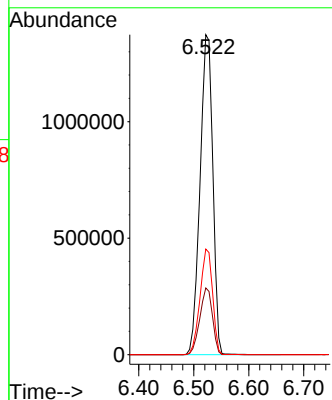
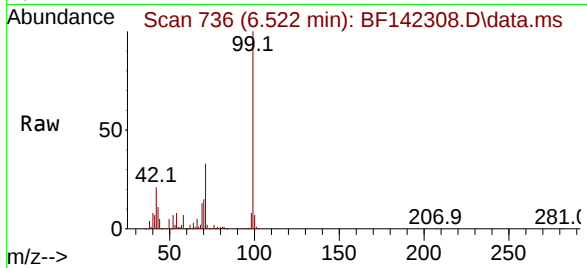




#7
Phenol-d6
Concen: 151.916 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142308.D
Acq: 06 May 2025 12:05

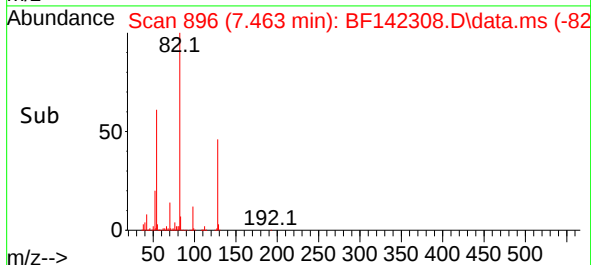
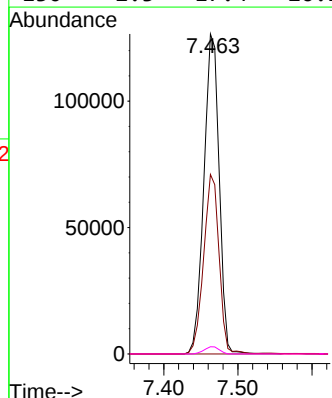
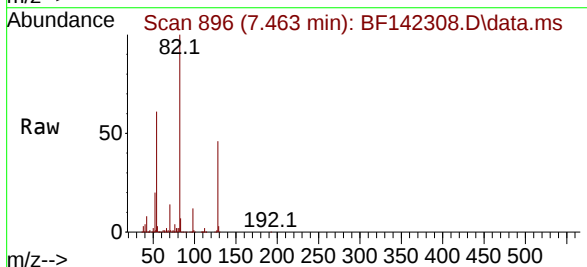
Instrument :
BNA_F
ClientSampleId :
RR-TRIAZINE-WP

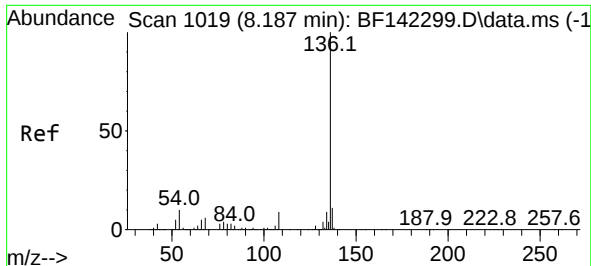
Tgt Ion: 99 Resp: 2216599
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.4
71 33.0 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.118 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF142308.D
Acq: 06 May 2025 12:05

Tgt Ion: 70 Resp: 181575
Ion Ratio Lower Upper
70 100
42 56.1 54.8 82.2
101 0.0 7.7 11.5#
130 2.3 17.4 26.2#

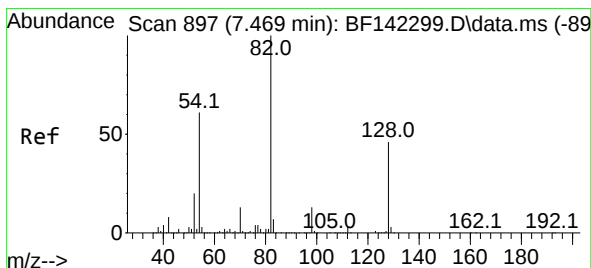
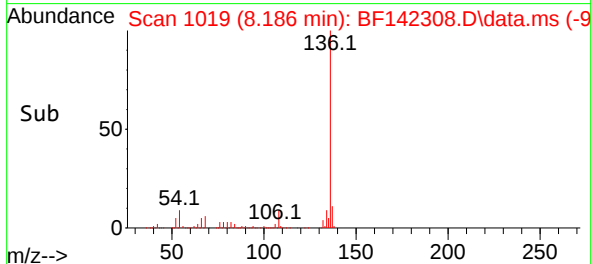
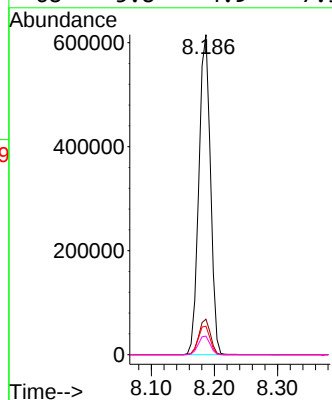
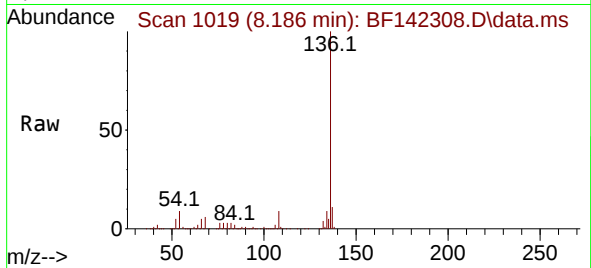




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142308.D
Acq: 06 May 2025 12:05

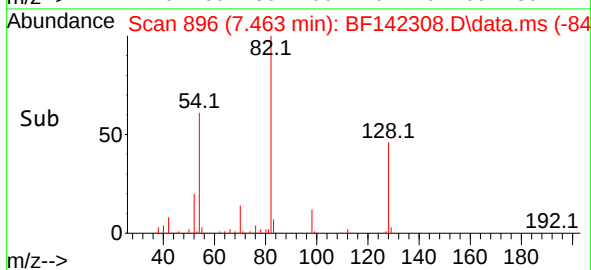
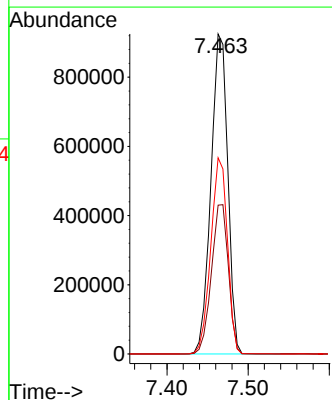
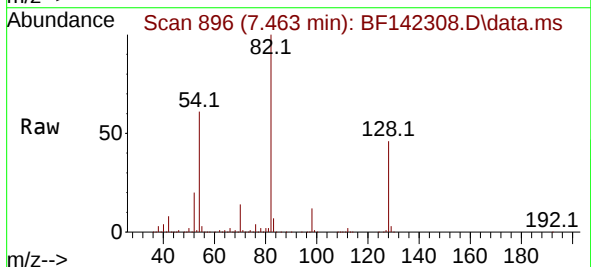
Instrument :
BNA_F
ClientSampleId :
RR-TRIAZINE-WP

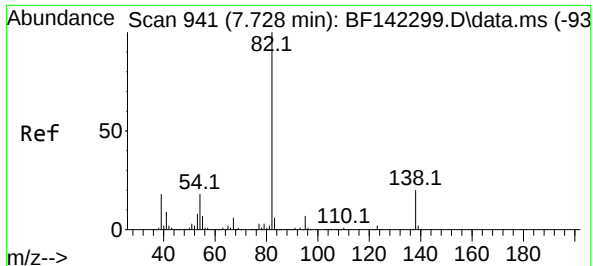
Tgt Ion:136	Resp: 782270
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 8.9	7.7 11.5
68 5.8	4.9 7.3



#23
Nitrobenzene-d5
Concen: 103.533 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF142308.D
Acq: 06 May 2025 12:05

Tgt Ion: 82		Resp: 1327998	
Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.0	55.6
54	61.3	48.6	73.0

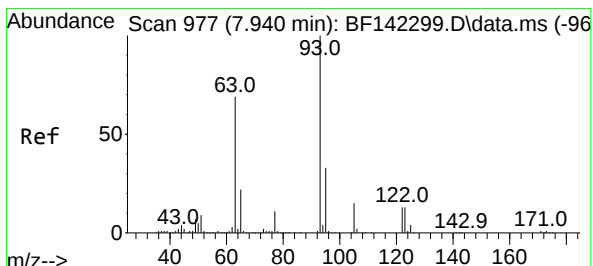
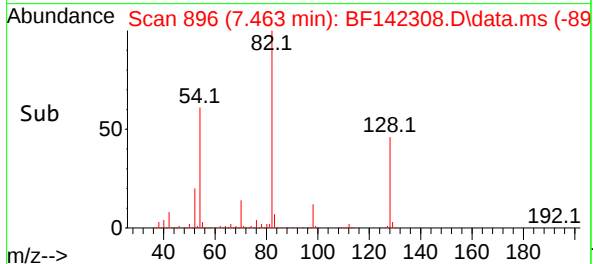
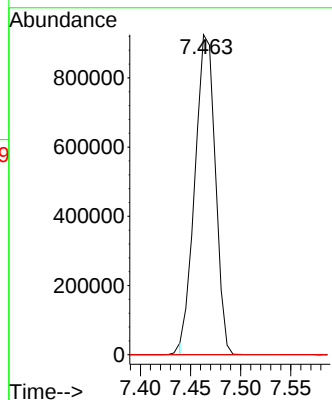
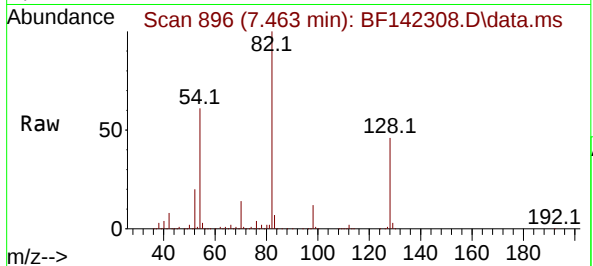




#25
Isophorone
Concen: 54.027 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142308.D
Acq: 06 May 2025 12:05

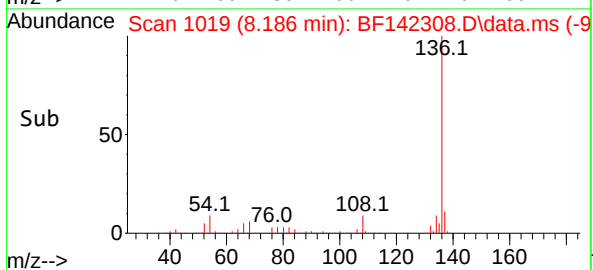
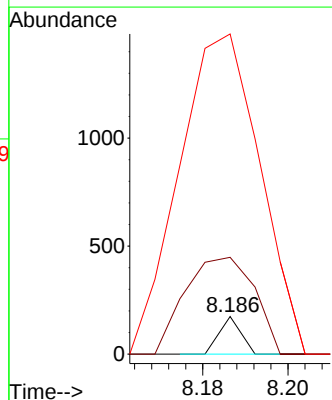
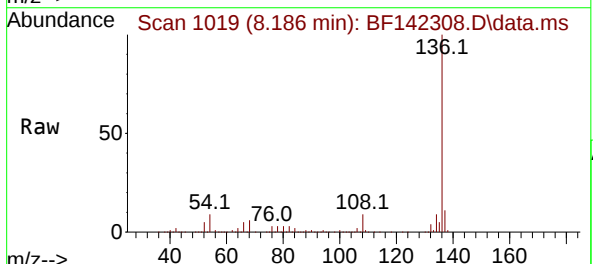
Instrument :
BNA_F
ClientSampleId :
RR-TRIAZINE-WP

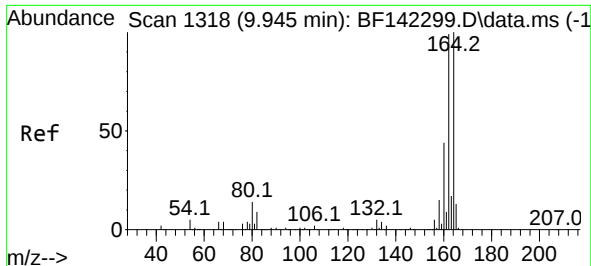
Tgt Ion: 82 Resp: 1312282
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#32
Benzoic acid
Concen: 6.024 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.246 min
Lab File: BF142308.D
Acq: 06 May 2025 12:05

Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 257.5 97.9 137.9#
77 851.7 67.7 107.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142308.D

Acq: 06 May 2025 12:05

Instrument :

BNA_F

ClientSampleId :

RR-TRIAZINE-WP

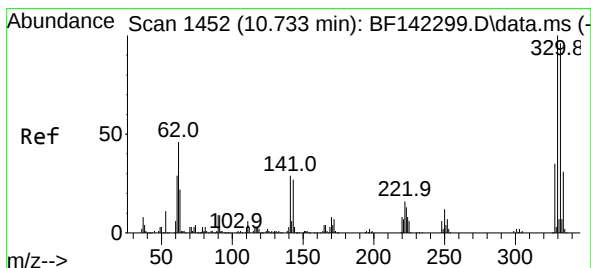
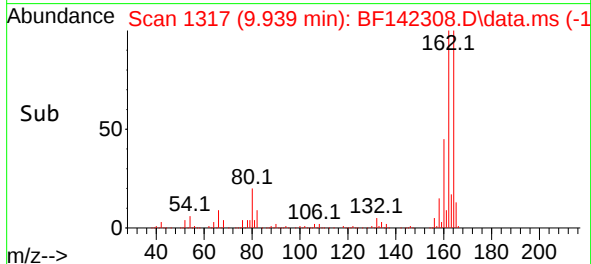
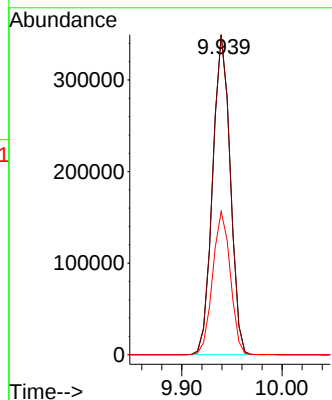
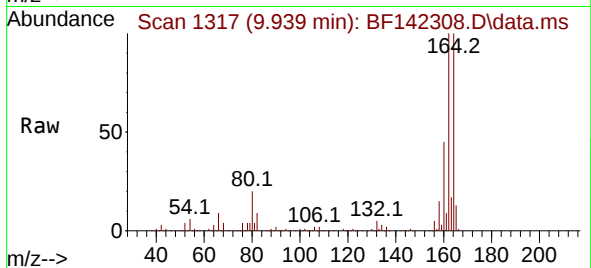
Tgt Ion:164 Resp: 425570

Ion Ratio Lower Upper

164 100

162 99.9 79.2 118.8

160 44.7 35.3 52.9



#42

2,4,6-Tribromophenol

Concen: 171.925 ng

RT: 10.733 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BF142308.D

Acq: 06 May 2025 12:05

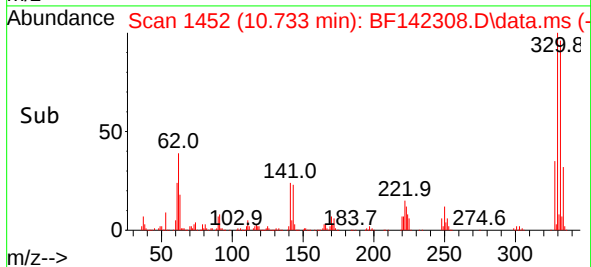
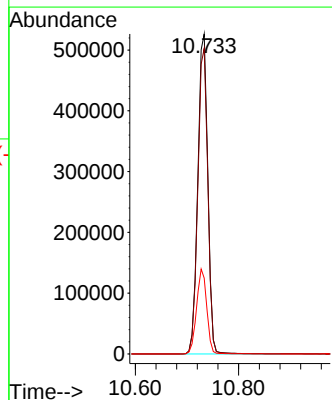
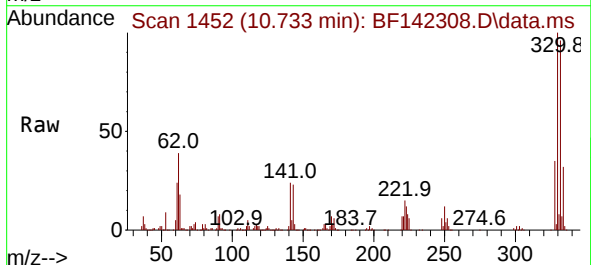
Tgt Ion:330 Resp: 706407

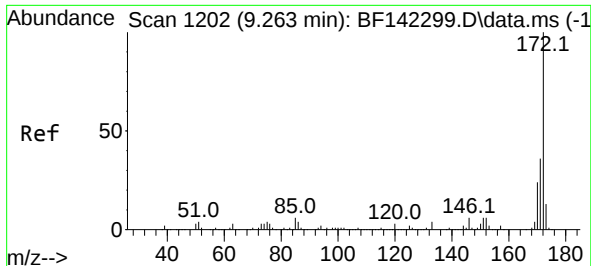
Ion Ratio Lower Upper

330 100

332 95.7 76.8 115.2

141 27.0 24.9 37.3





#45

2-Fluorobiphenyl

Concen: 89.898 ng

RT: 9.263 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142308.D

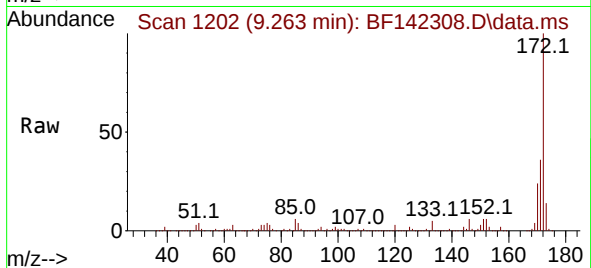
Acq: 06 May 2025 12:05

Instrument :

BNA_F

ClientSampleId :

RR-TRIAZINE-WP



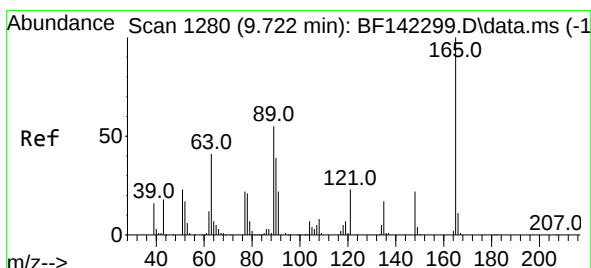
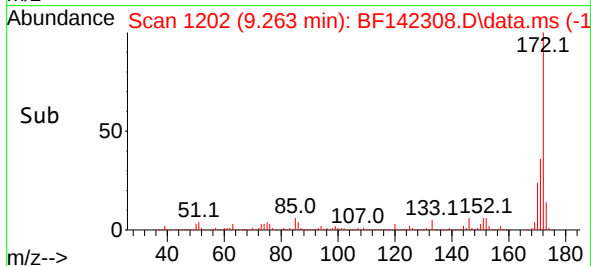
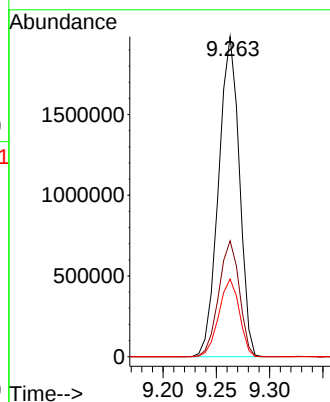
Tgt Ion:172 Resp: 2683112

Ion Ratio Lower Upper

172 100

171 36.2 28.6 42.8

170 24.2 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 10.860 ng

RT: 9.939 min Scan# 1317

Delta R.T. 0.217 min

Lab File: BF142308.D

Acq: 06 May 2025 12:05

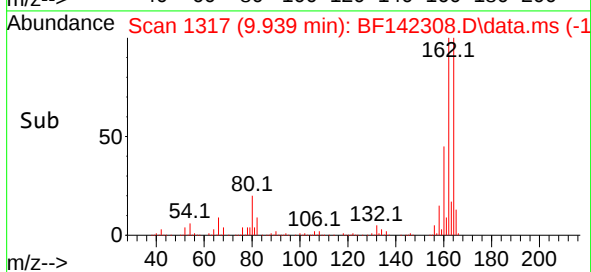
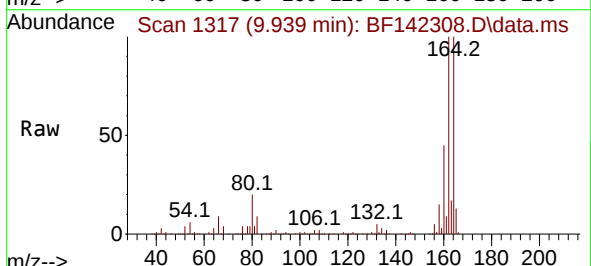
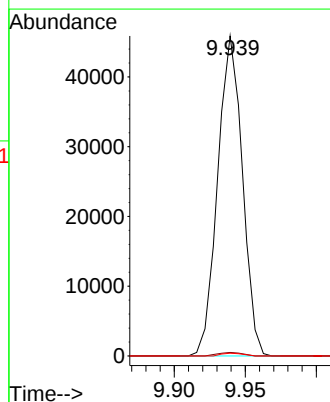
Tgt Ion:165 Resp: 55552

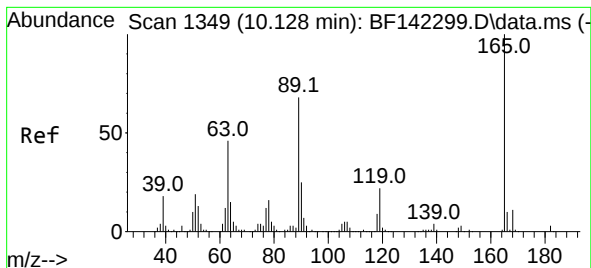
Ion Ratio Lower Upper

165 100

63 1.1 49.5 74.3#

89 0.8 44.6 66.8#

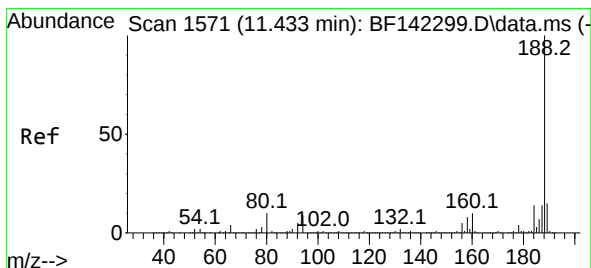
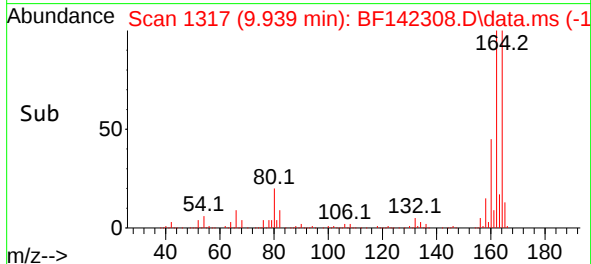
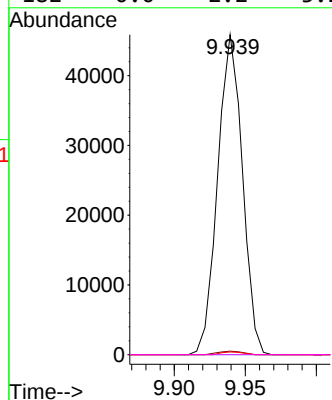
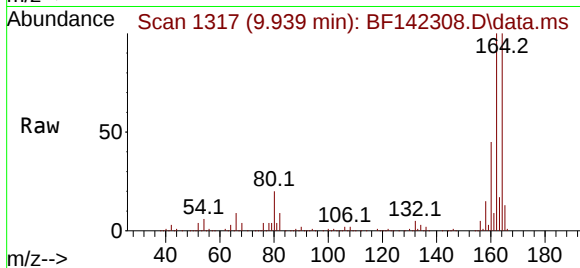




#57
2,4-Dinitrotoluene
Concen: 8.467 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF142308.D
Acq: 06 May 2025 12:05

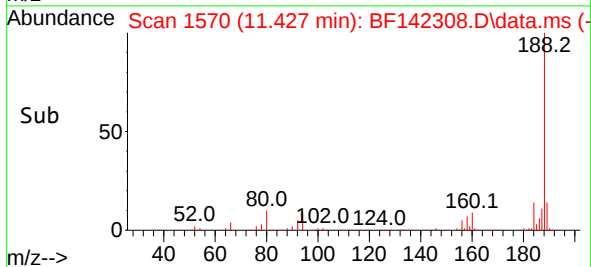
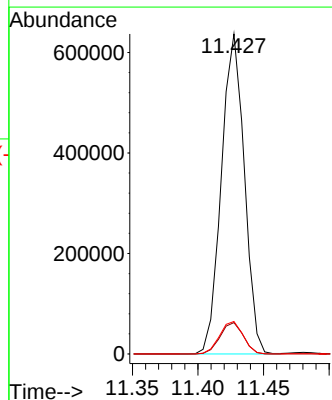
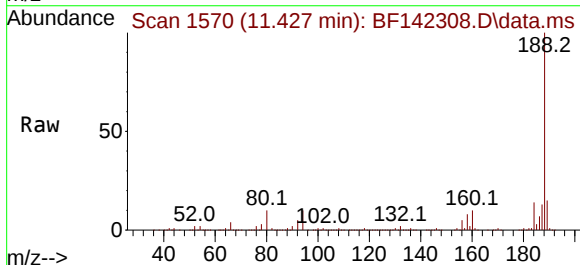
Instrument :
BNA_F
ClientSampleId :
RR-TRIAZINE-WP

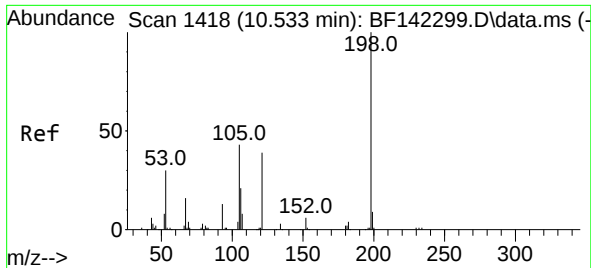
Tgt Ion:165 Resp: 55552
Ion Ratio Lower Upper
165 100
63 1.1 37.1 55.7#
89 0.8 54.4 81.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142308.D
Acq: 06 May 2025 12:05

Tgt Ion:188 Resp: 774814
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.1 7.9 11.9

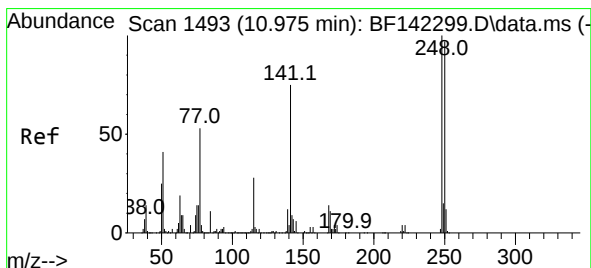
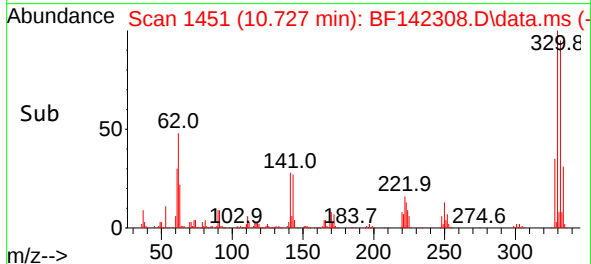
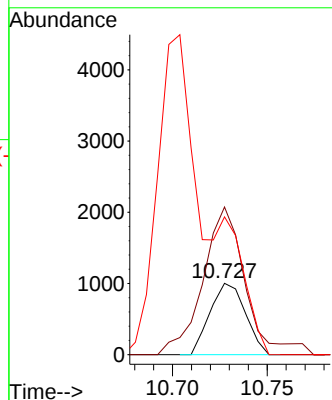
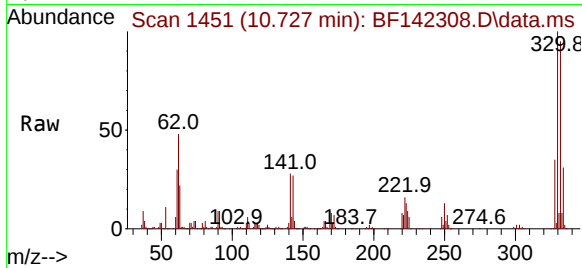




#65
4,6-Dinitro-2-methylphenol
Concen: 7.492 ng
RT: 10.727 min Scan# 1418
Delta R.T. 0.194 min
Lab File: BF142308.D
Acq: 06 May 2025 12:05

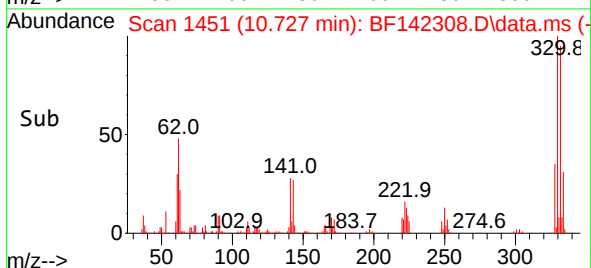
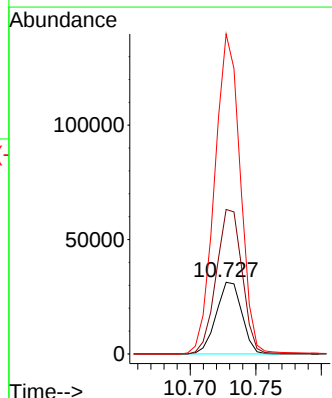
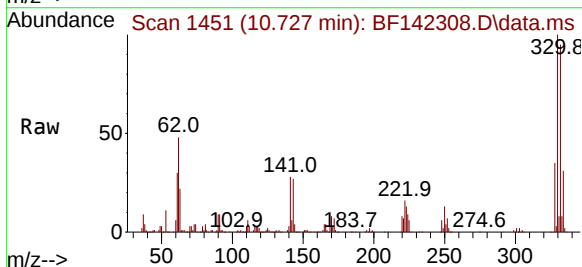
Instrument :
BNA_F
ClientSampleId :
RR-TRIAZINE-WP

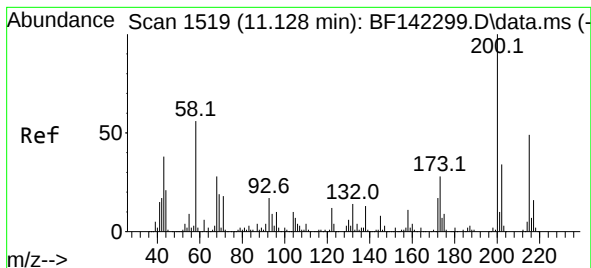
Tgt Ion:198 Resp: 1304
Ion Ratio Lower Upper
198 100
51 206.8 32.9 72.9#
105 193.0 23.7 63.7#



#67
4-Bromophenyl-phenylether
Concen: 4.857 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF142308.D
Acq: 06 May 2025 12:05

Tgt Ion:248 Resp: 42650
Ion Ratio Lower Upper
248 100
250 201.4 77.9 116.9#
141 445.9 59.8 89.8#





#69

Atrazine

Concen: 22.422 ng

RT: 11.121 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF142308.D

Acq: 06 May 2025 12:05

Instrument :

BNA_F

ClientSampleId :

RR-TRIAZINE-WP

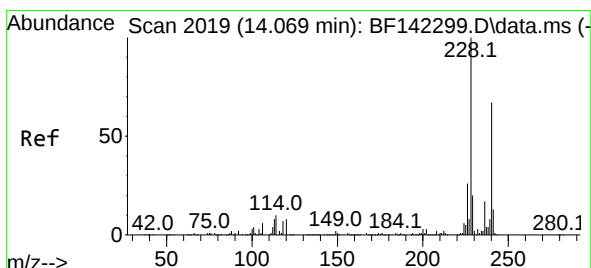
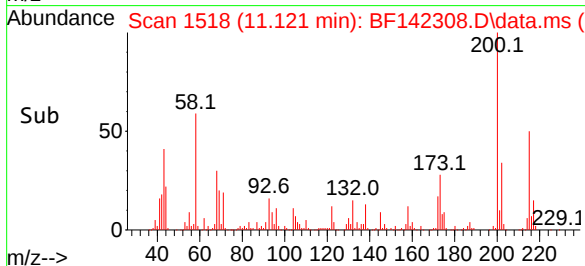
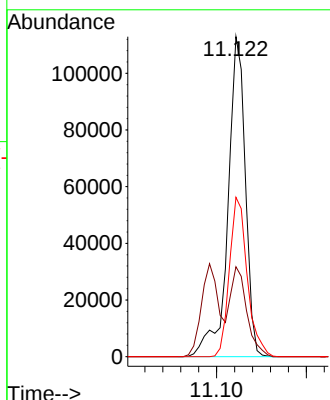
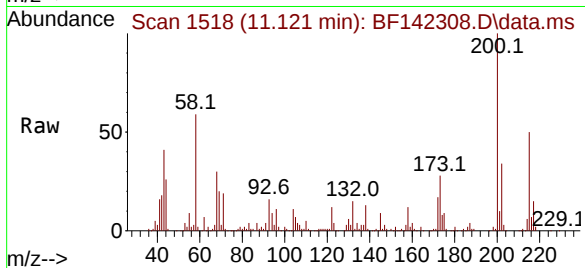
Tgt Ion:200 Resp: 152392

Ion Ratio Lower Upper

200 100

173 28.1 8.1 48.1

215 49.8 28.8 68.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF142308.D

Acq: 06 May 2025 12:05

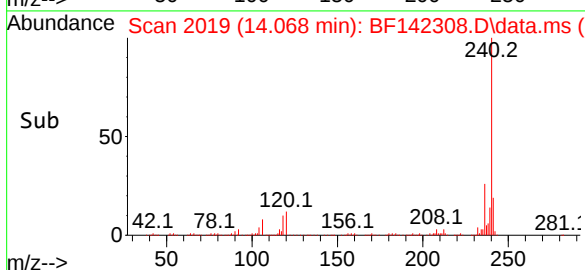
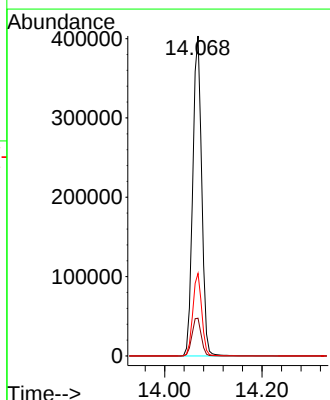
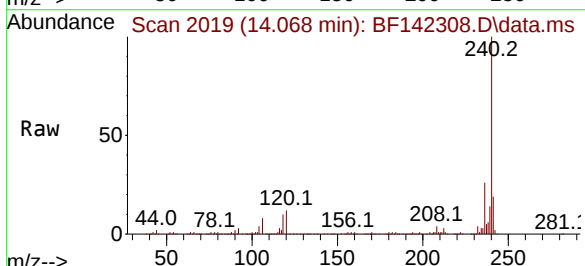
Tgt Ion:240 Resp: 517620

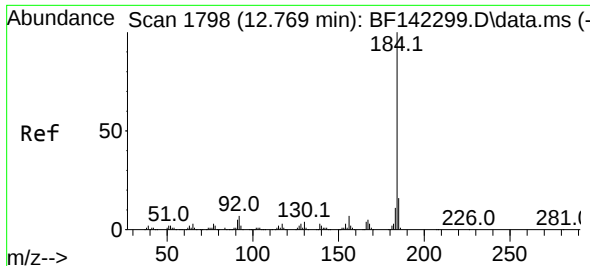
Ion Ratio Lower Upper

240 100

120 11.8 9.7 14.5

236 25.8 20.0 30.0

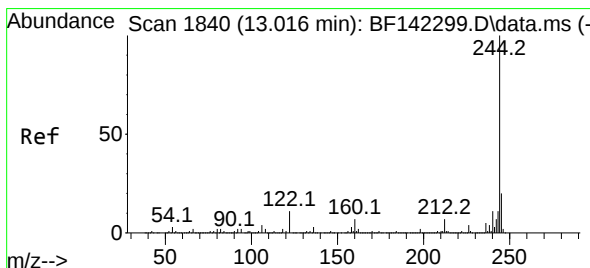
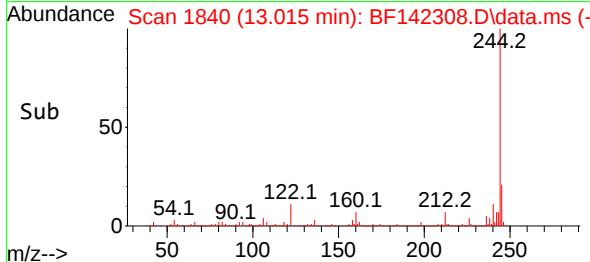
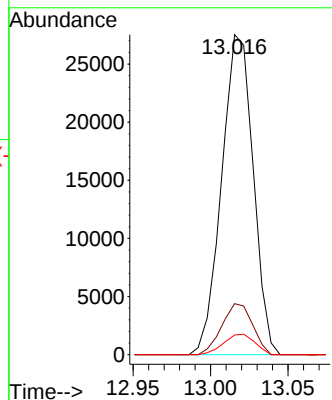
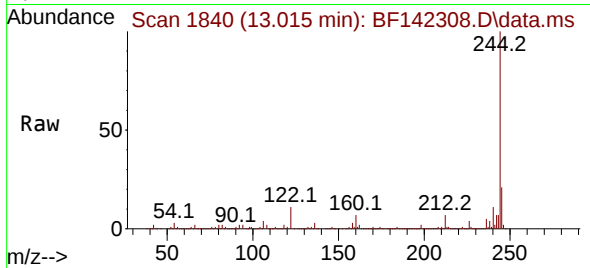




#77
Benzidine
Concen: 4.139 ng
RT: 13.015 min Scan# 1840
Delta R.T. 0.246 min
Lab File: BF142308.D
Acq: 06 May 2025 12:05

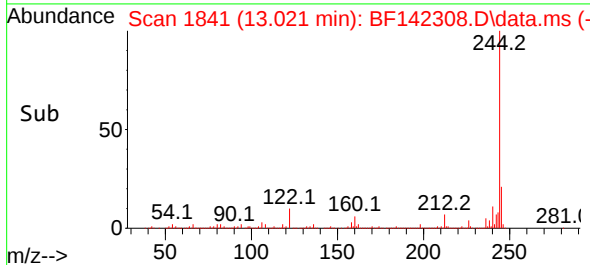
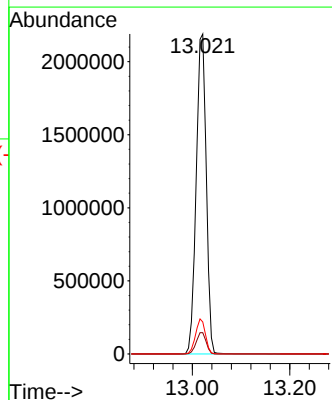
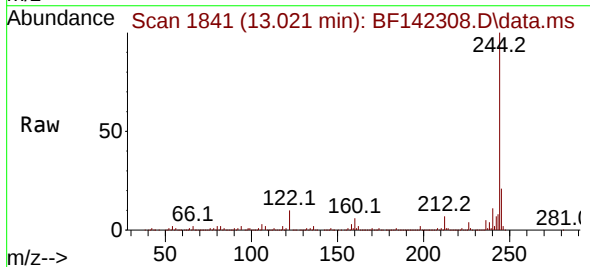
Instrument :
BNA_F
ClientSampleId :
RR-TRIAZINE-WP

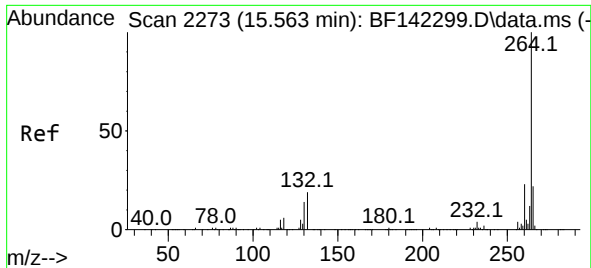
Tgt Ion:184 Resp: 38934
Ion Ratio Lower Upper
184 100
185 15.9 12.6 18.8
183 6.1 8.6 12.8#



#79
Terphenyl-d14
Concen: 90.283 ng
RT: 13.021 min Scan# 1841
Delta R.T. 0.006 min
Lab File: BF142308.D
Acq: 06 May 2025 12:05

Tgt Ion:244 Resp: 3157374
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 10.0 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142308.D
 Acq: 06 May 2025 12:05

Instrument :
 BNA_F
 ClientSampleId :
 RR-TRIAZINE-WP

Tgt Ion:264 Resp: 367860
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 21.5 17.5 26.3

