

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142406.D
 Acq On : 15 May 2025 22:04
 Operator : RC/JU
 Sample : Q1982-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: May 16 01:10:16 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

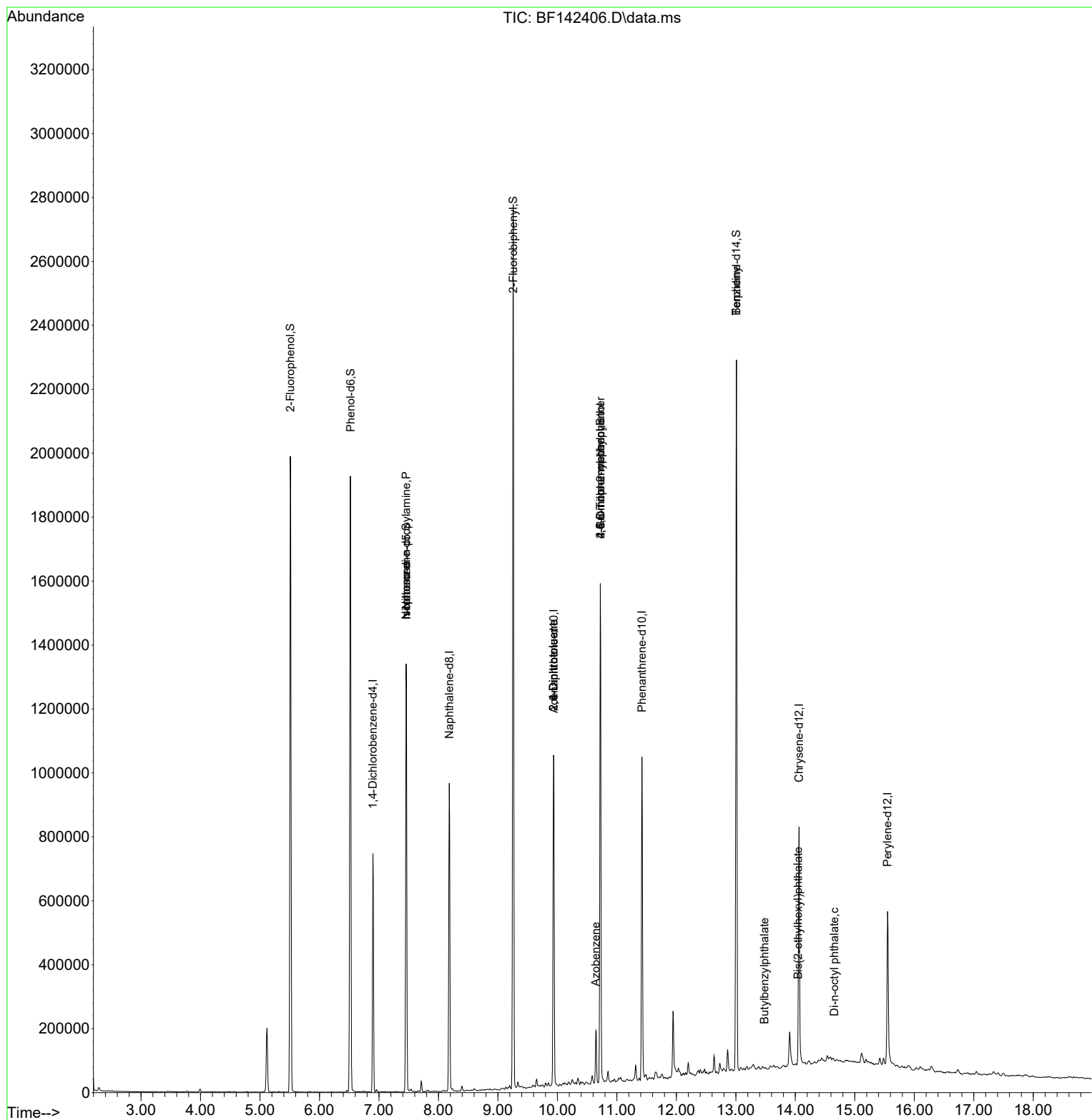
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	160071	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	605054	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	320606	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	518248	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	355689	20.000	ng	0.00
86) Perylene-d12	15.551	264	278675	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	782072	83.404	ng	0.00
7) Phenol-d6	6.522	99	949734	82.350	ng	0.00
23) Nitrobenzene-d5	7.457	82	564669	56.916	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	283820	91.691	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1233046	54.839	ng	0.00
79) Terphenyl-d14	13.010	244	1076746	44.806	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	76072	10.664	ng	# 75
25) Isophorone	7.457	82	559681	29.791	ng	# 62
51) 2,6-Dinitrotoluene	9.933	165	42700	11.081	ng	# 23
57) 2,4-Dinitrotoluene	9.933	165	42758	8.650	ng	# 25
63) Azobenzene	10.645	77	39975	2.035	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.722	198	557	7.381	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	17396	2.962	ng	# 1
77) Benzidine	13.010	184	13628	2.108	ng	96
80) Butylbenzylphthalate	13.480	149	457	3.705	ng	# 41
84) Bis(2-ethylhexyl)phtha...	14.045	149	1802	4.374	ng	# 85
85) Di-n-octyl phthalate	14.657	149	209	7.848	ng	# 73

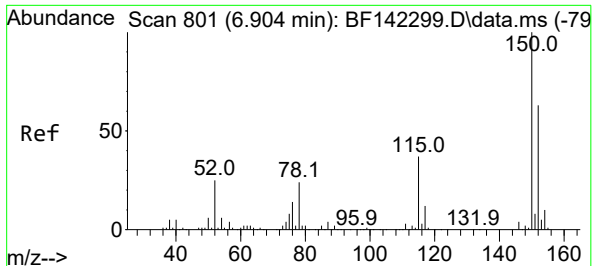
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
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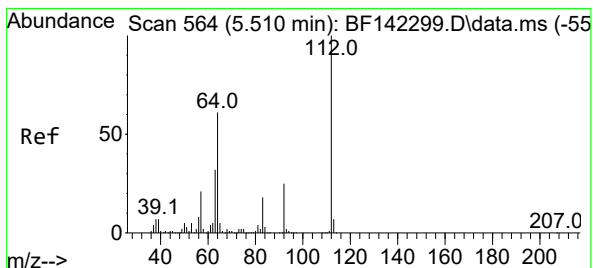
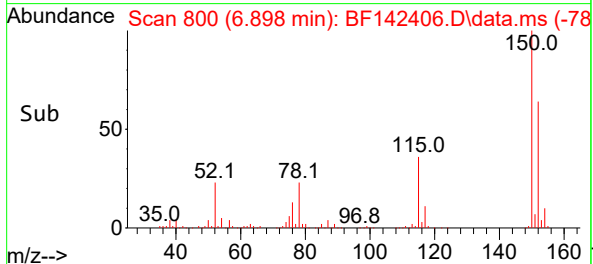
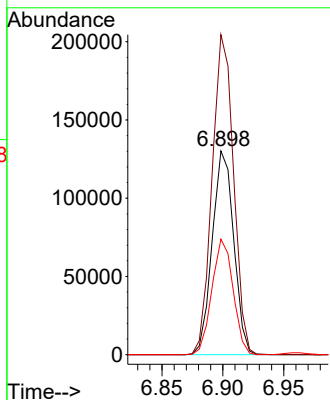
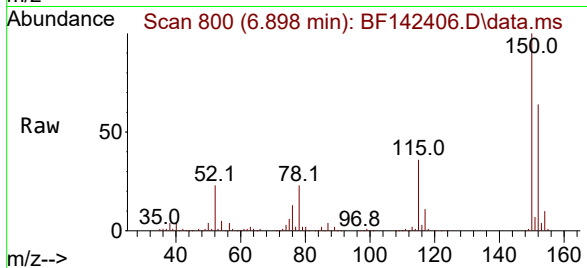




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

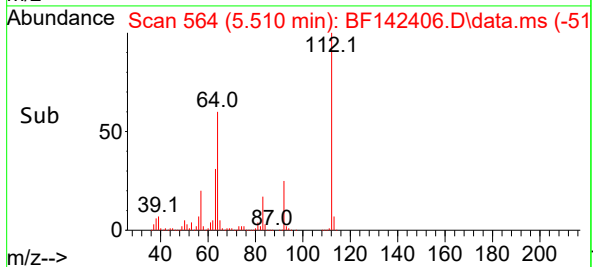
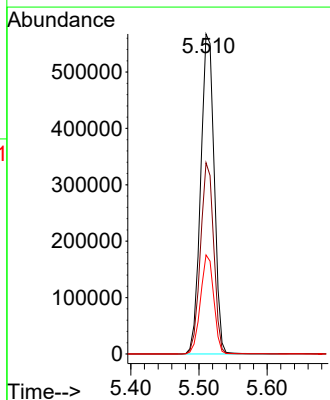
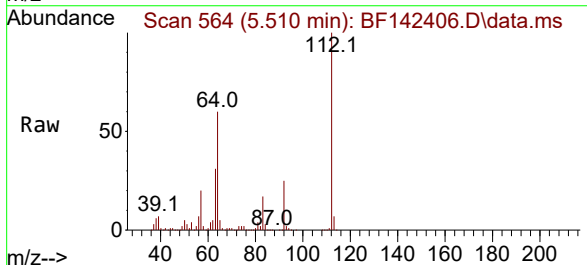
Instrument :
BNA_F
ClientSampleId :
TP-8

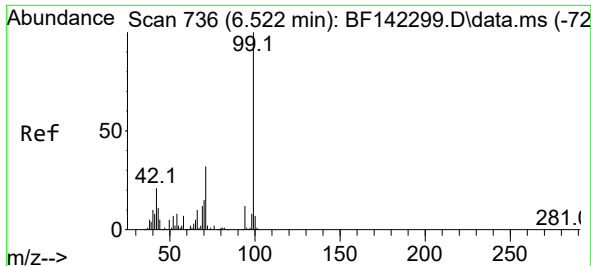
Tgt Ion:152 Resp: 160071
Ion Ratio Lower Upper
152 100
150 157.1 126.6 190.0
115 56.7 47.3 70.9



#5
2-Fluorophenol
Concen: 83.404 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

Tgt Ion:112 Resp: 782072
Ion Ratio Lower Upper
112 100
64 59.8 48.9 73.3
63 30.9 25.6 38.4





#7
Phenol-d6
Concen: 82.350 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

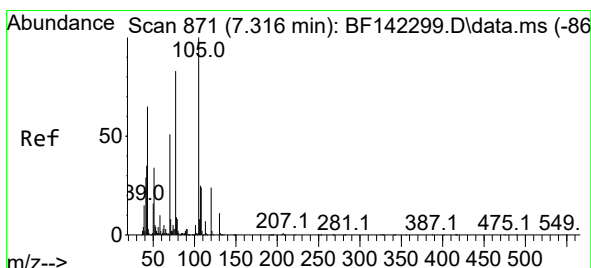
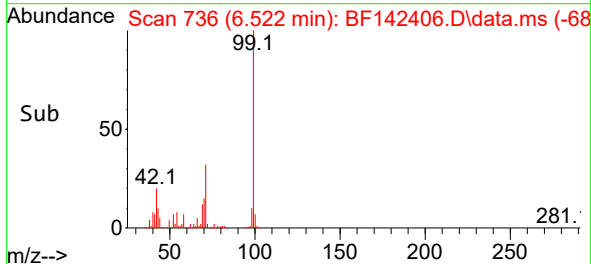
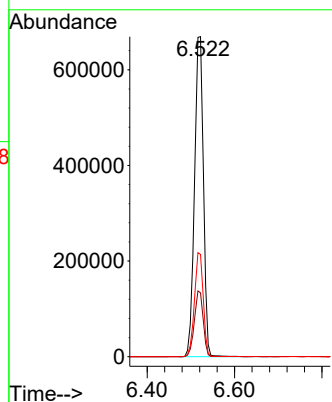
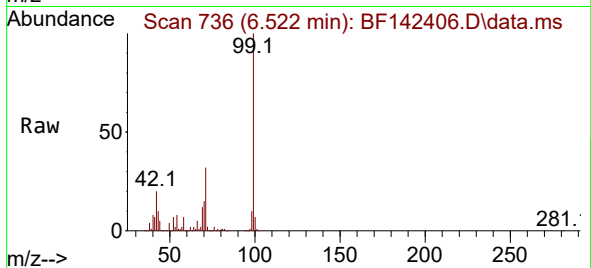
Instrument :

BNA_F

ClientSampleId :

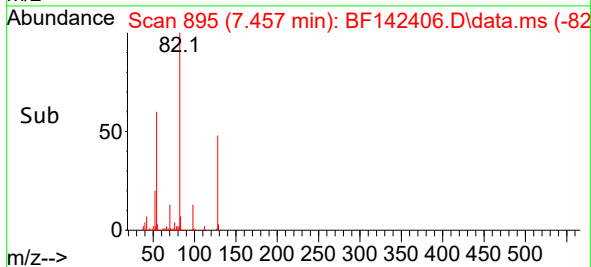
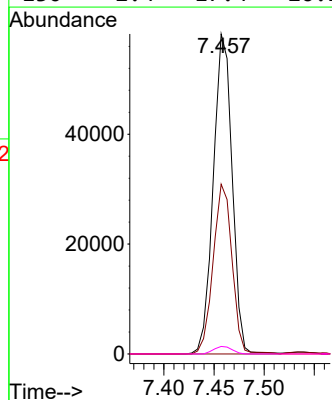
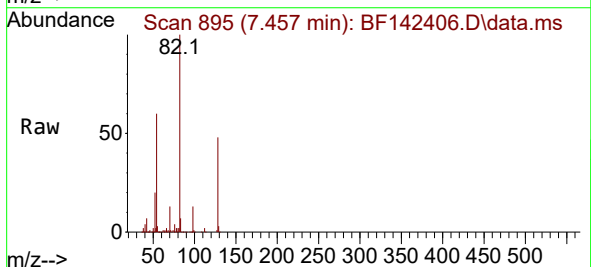
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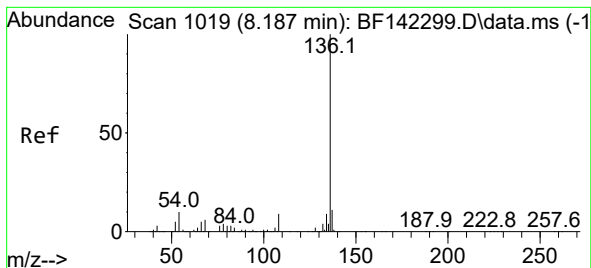
Tgt Ion: 99 Resp: 949734
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.4
71 31.9 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.664 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

Tgt Ion: 70 Resp: 76072
Ion Ratio Lower Upper
70 100
42 53.0 54.8 82.2#
101 0.0 7.7 11.5#
130 2.4 17.4 26.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142406.D

Acq: 15 May 2025 22:04

Instrument :

BNA_F

ClientSampleId :

TP-8

Tgt Ion:136 Resp: 605054

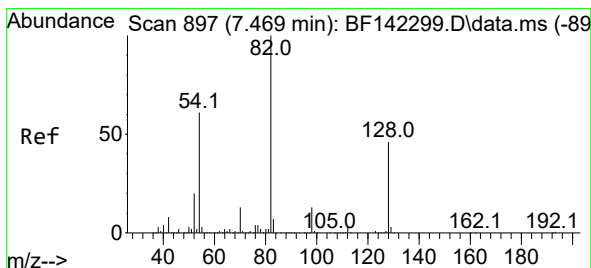
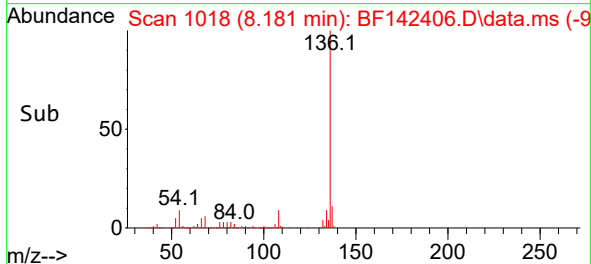
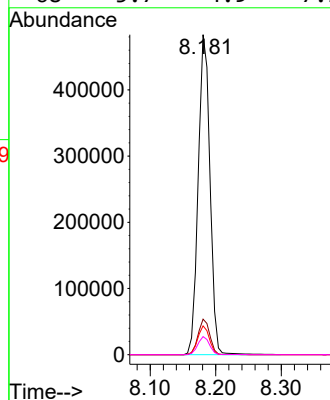
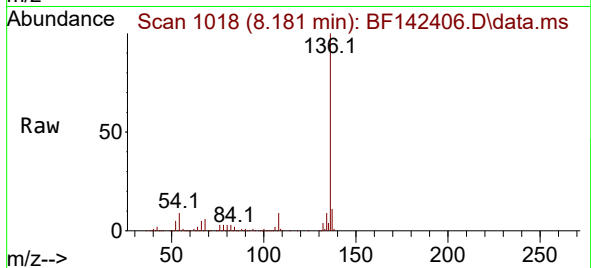
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.0 7.7 11.5

68 5.7 4.9 7.3



#23

Nitrobenzene-d5

Concen: 56.916 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF142406.D

Acq: 15 May 2025 22:04

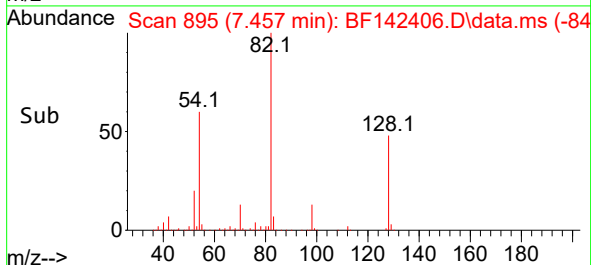
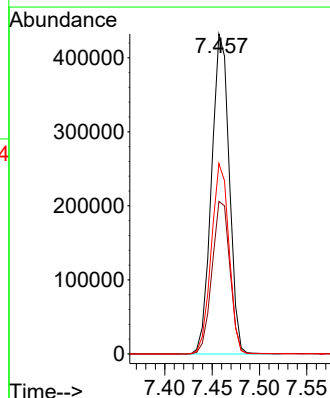
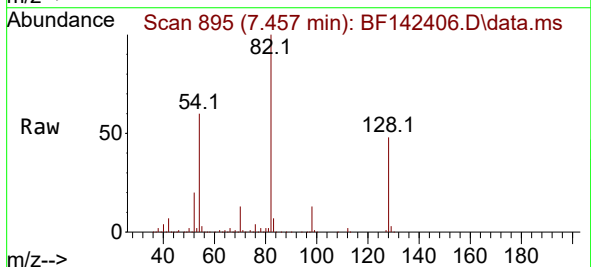
Tgt Ion: 82 Resp: 564669

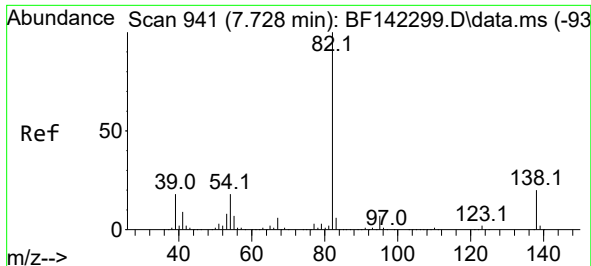
Ion Ratio Lower Upper

82 100

128 47.6 37.0 55.6

54 59.5 48.6 73.0

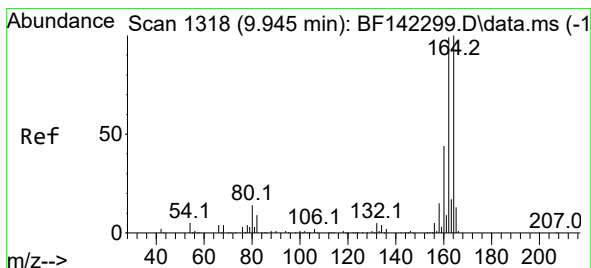
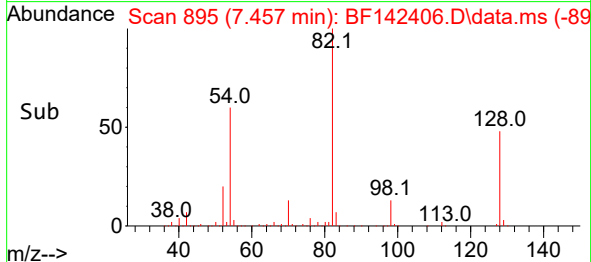
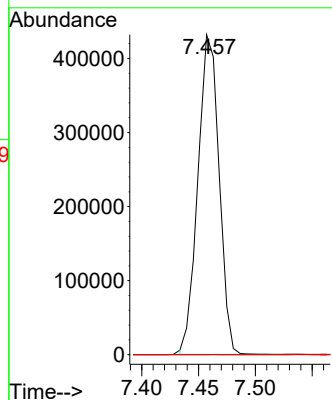
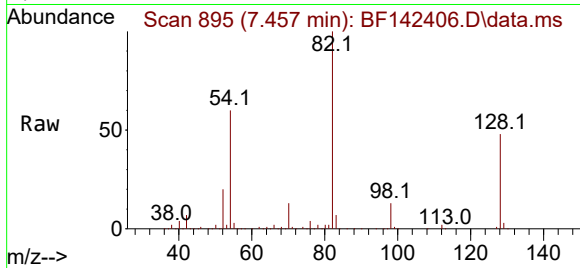




#25
Isophorone
Concen: 29.791 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

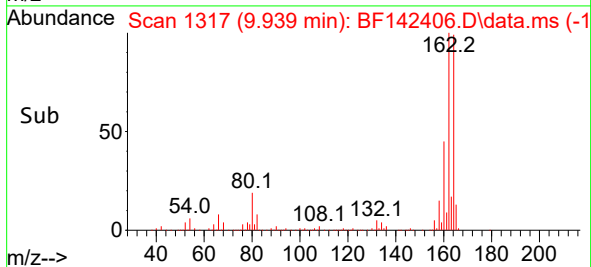
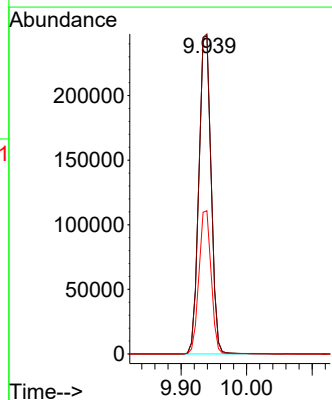
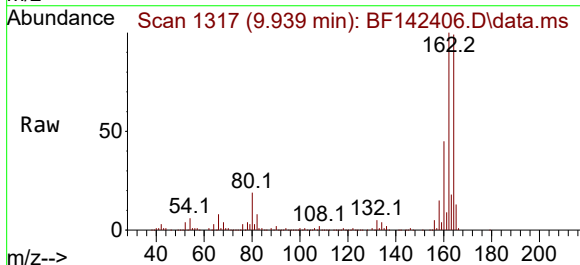
Instrument :
BNA_F
ClientSampleId :
TP-8

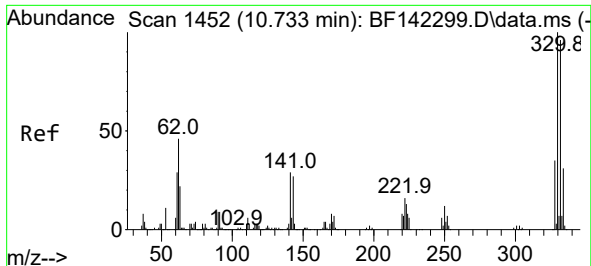
Tgt Ion: 82 Resp: 559681
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

Tgt Ion:164 Resp: 320606
Ion Ratio Lower Upper
164 100
162 100.6 79.2 118.8
160 45.0 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 91.691 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF142406.D

Acq: 15 May 2025 22:04

Instrument :

BNA_F

ClientSampleId :

TP-8

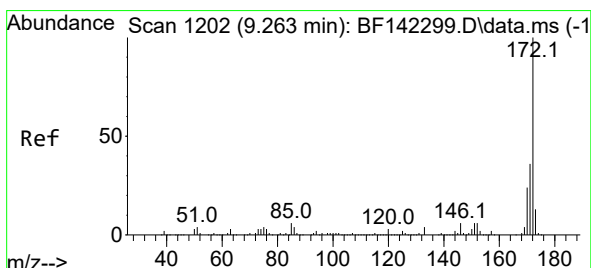
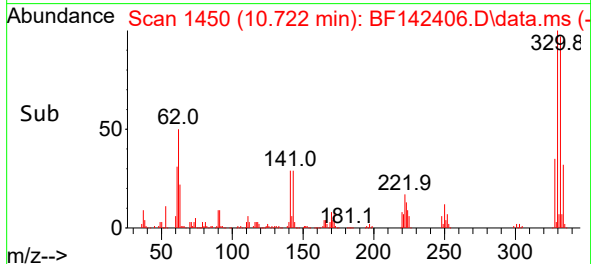
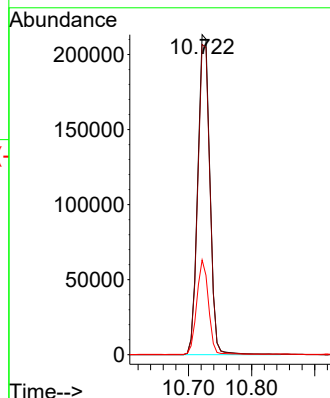
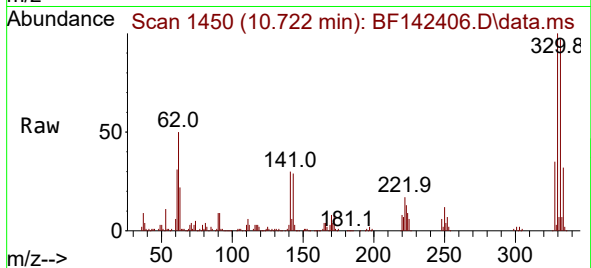
Tgt Ion:330 Resp: 283820

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

141 28.5 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 54.839 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142406.D

Acq: 15 May 2025 22:04

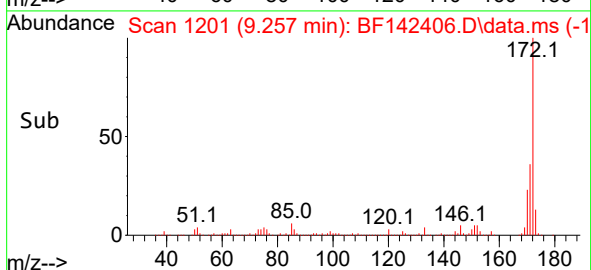
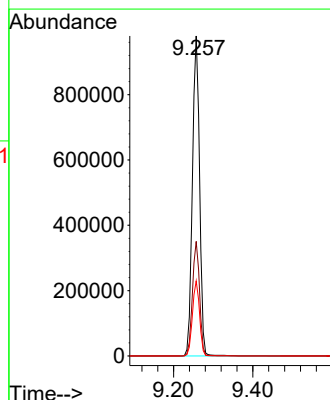
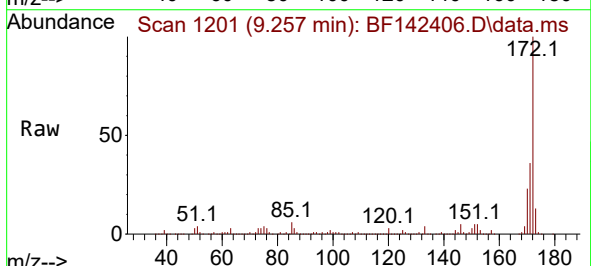
Tgt Ion:172 Resp: 1233046

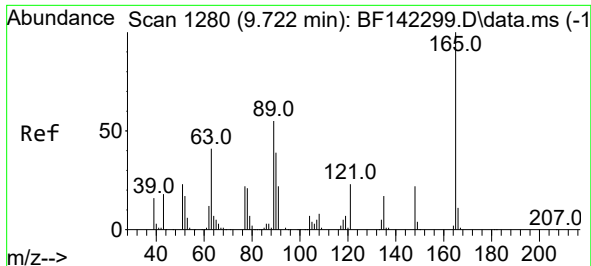
Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 23.4 19.0 28.4

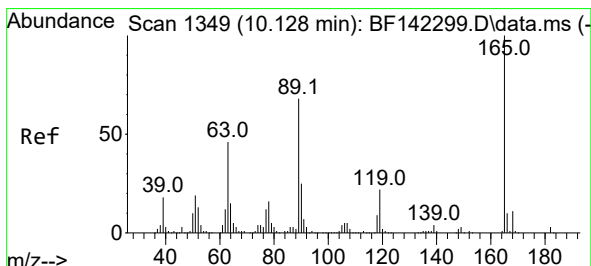
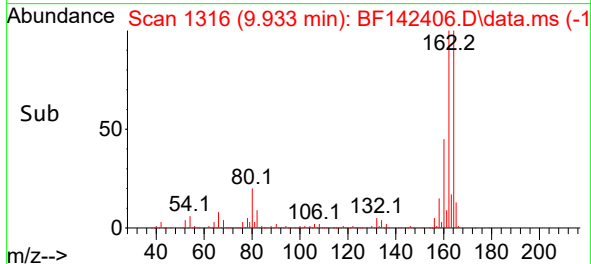
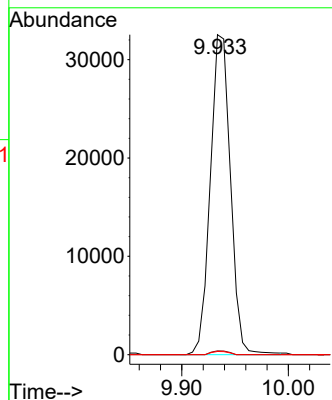
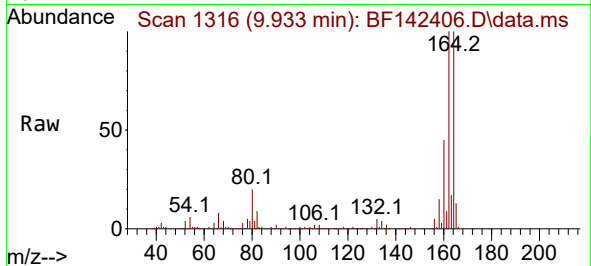




#51
2,6-Dinitrotoluene
Concen: 11.081 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

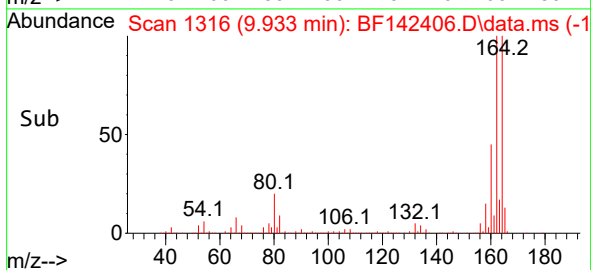
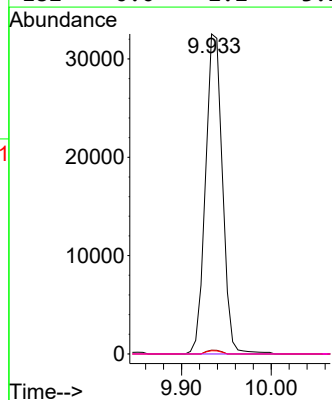
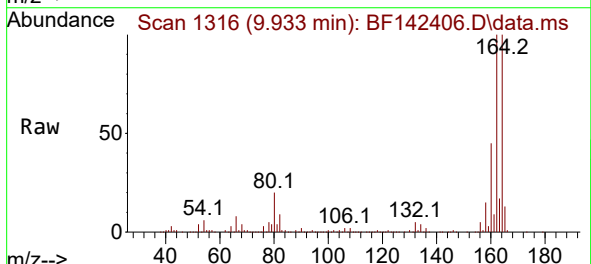
Instrument :
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TP-8

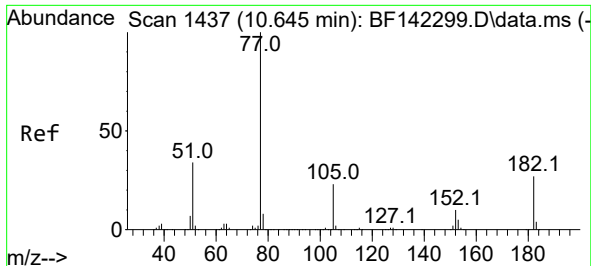
Tgt Ion:165 Resp: 42700
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.0 44.6 66.8#



#57
2,4-Dinitrotoluene
Concen: 8.650 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.194 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

Tgt Ion:165 Resp: 42758
Ion Ratio Lower Upper
165 100
63 1.2 37.1 55.7#
89 1.0 54.4 81.6#
182 0.0 2.2 3.2#



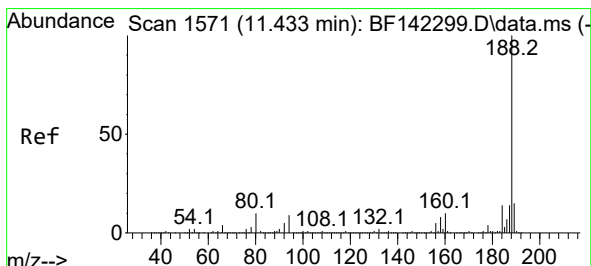
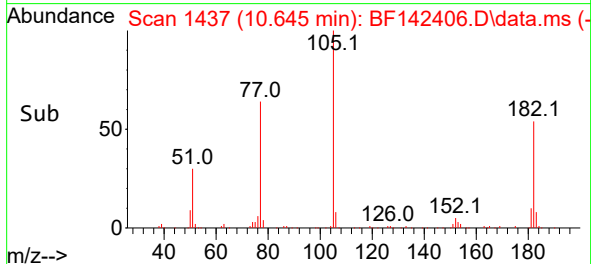
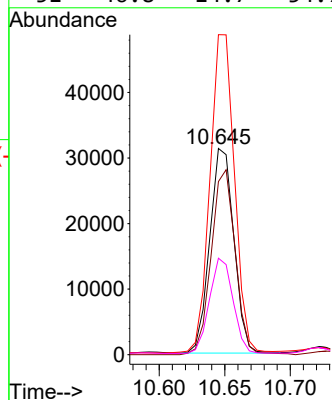
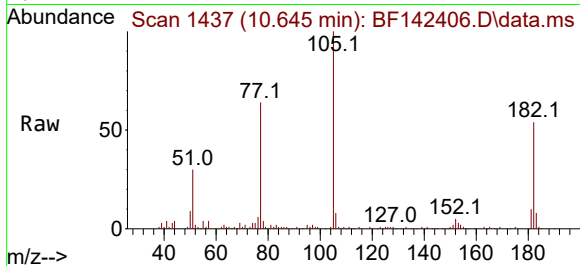


#63
Azobenzene
Concen: 2.035 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion: 77 Resp: 39975

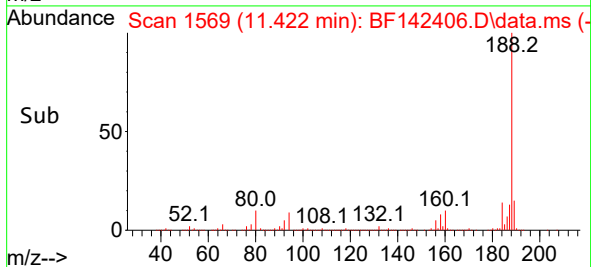
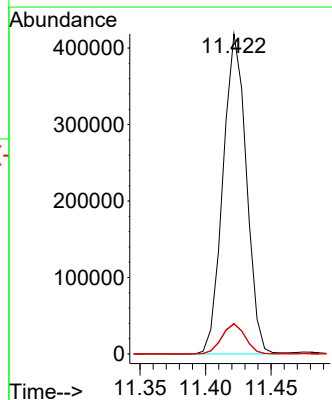
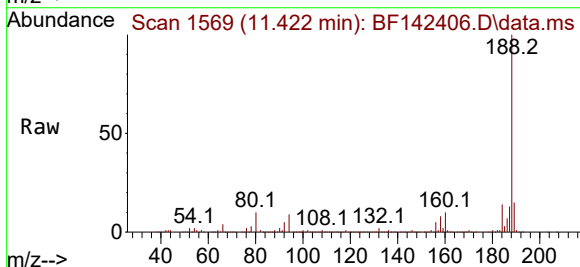
Ion	Ratio	Lower	Upper
77	100		
182	84.0	6.9	46.9#
105	155.2	2.7	42.7#
51	46.8	14.7	54.7

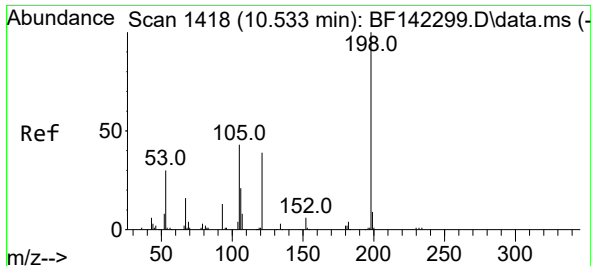


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

Tgt Ion: 188 Resp: 518248

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	9.5	7.9	11.9

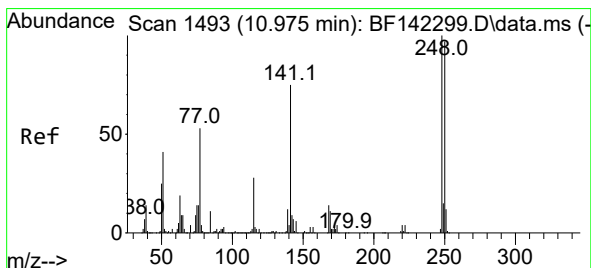
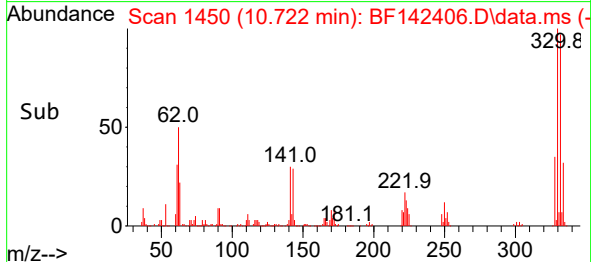
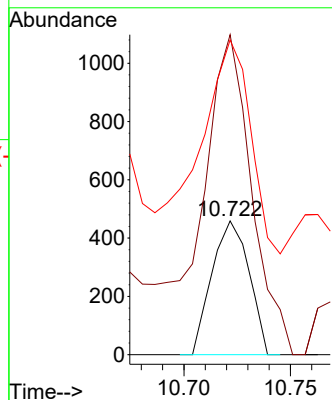
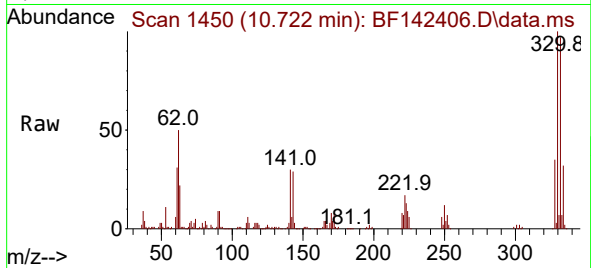




#65
4,6-Dinitro-2-methylphenol
Concen: 7.381 ng
RT: 10.722 min Scan# 1418
Delta R.T. 0.189 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

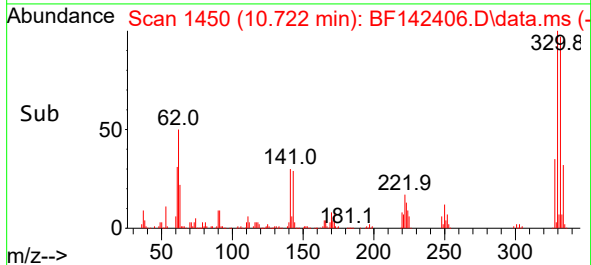
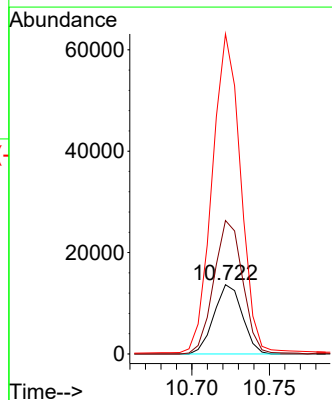
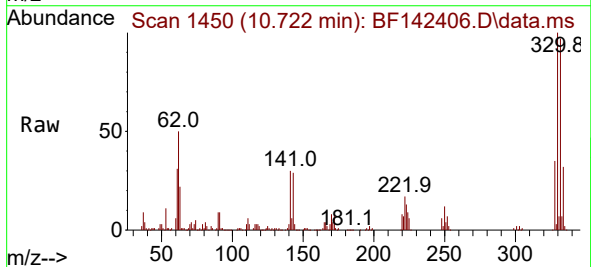
Instrument :
BNA_F
ClientSampleId :
TP-8

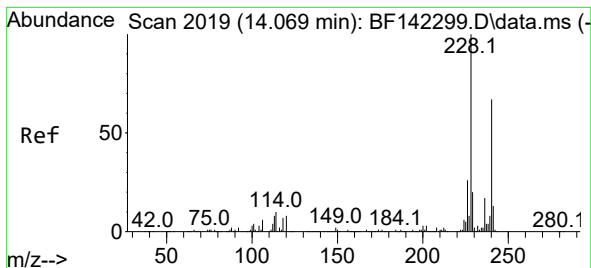
Tgt Ion:198 Resp: 557
Ion Ratio Lower Upper
198 100
51 239.2 32.9 72.9#
105 235.3 23.7 63.7#



#67
4-Bromophenyl-phenylether
Concen: 2.962 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

Tgt Ion:248 Resp: 17396
Ion Ratio Lower Upper
248 100
250 192.6 77.9 116.9#
141 462.0 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142406.D

Acq: 15 May 2025 22:04

Instrument :

BNA_F

ClientSampleId :

TP-8

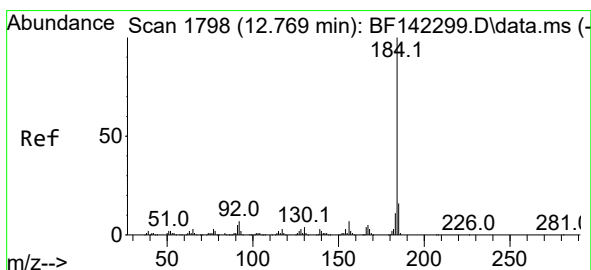
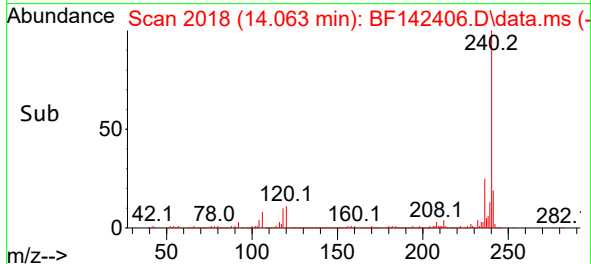
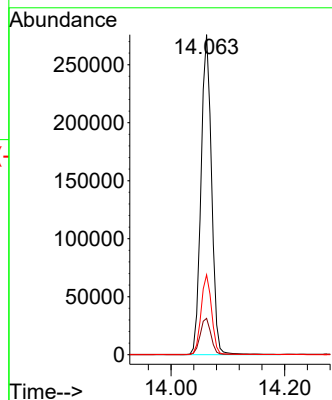
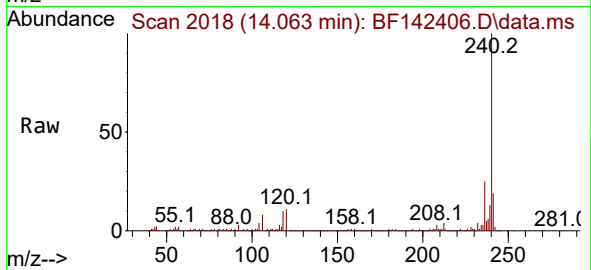
Tgt Ion:240 Resp: 355689

Ion Ratio Lower Upper

240 100

120 11.4 9.7 14.5

236 25.0 20.0 30.0



#77

Benidine

Concen: 2.108 ng

RT: 13.010 min Scan# 1839

Delta R.T. 0.241 min

Lab File: BF142406.D

Acq: 15 May 2025 22:04

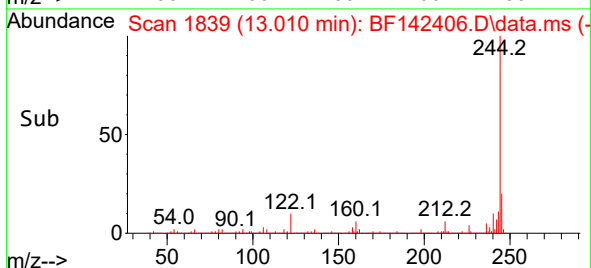
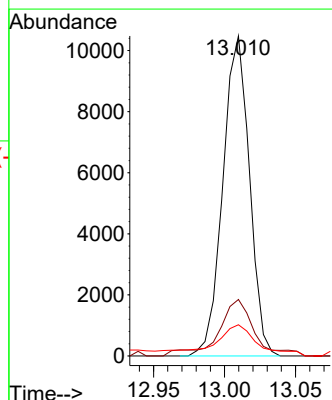
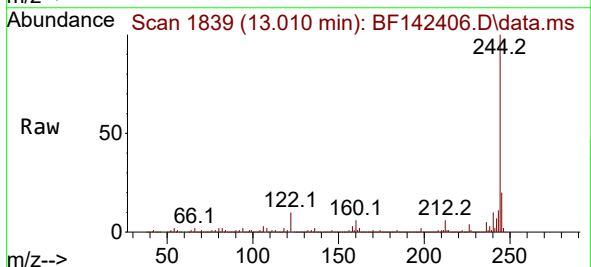
Tgt Ion:184 Resp: 13628

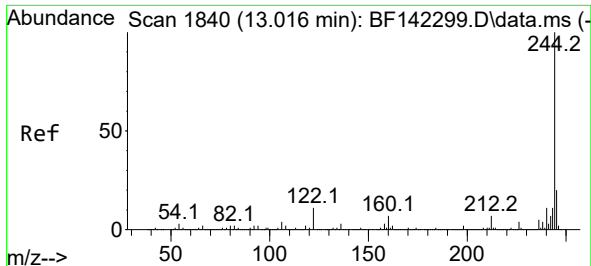
Ion Ratio Lower Upper

184 100

185 17.6 12.6 18.8

183 9.8 8.6 12.8

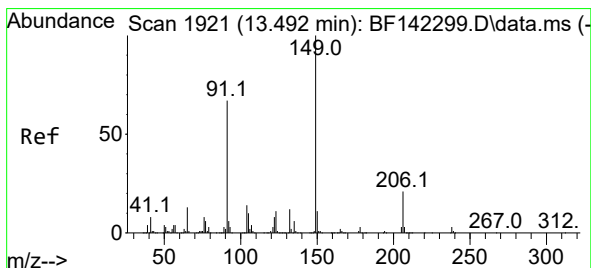
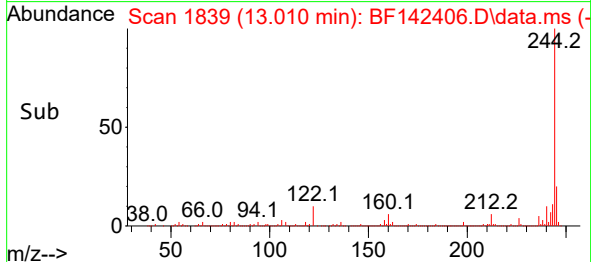
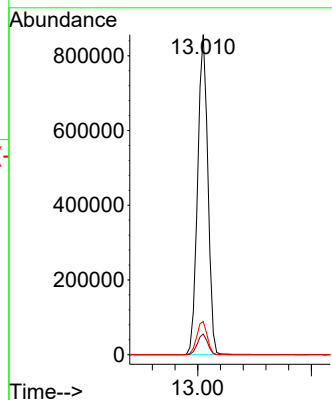
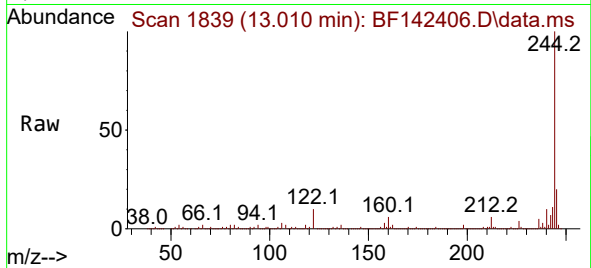




#79
 Terphenyl-d14
 Concen: 44.806 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142406.D
 Acq: 15 May 2025 22:04

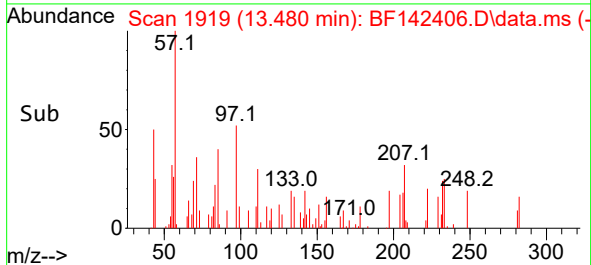
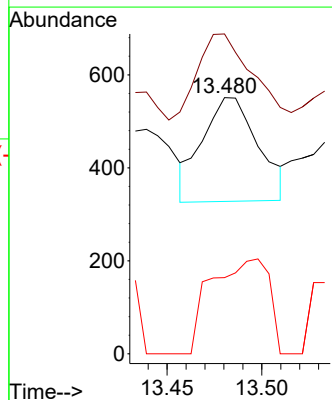
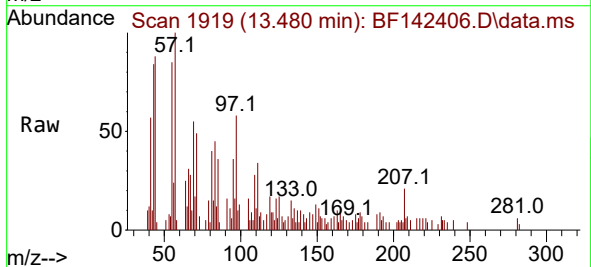
Instrument :
 BNA_F
 ClientSampleId :
 TP-8

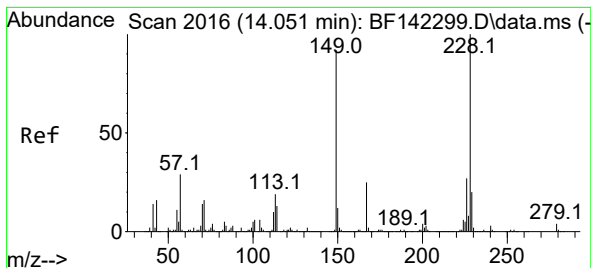
Tgt Ion:244 Resp: 1076746
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.2
 122 10.3 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.705 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. -0.012 min
 Lab File: BF142406.D
 Acq: 15 May 2025 22:04

Tgt Ion:149 Resp: 457
 Ion Ratio Lower Upper
 149 100
 91 124.9 53.8 80.6#
 206 29.8 16.6 24.8#





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.374 ng

RT: 14.045 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142406.D

Acq: 15 May 2025 22:04

Instrument :

BNA_F

ClientSampleId :

TP-8

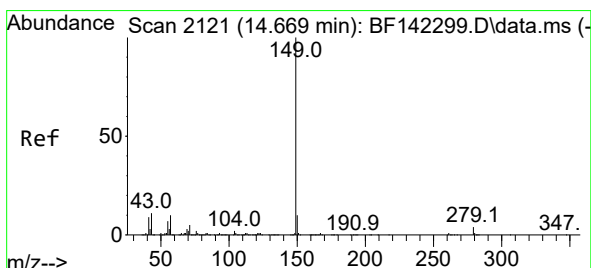
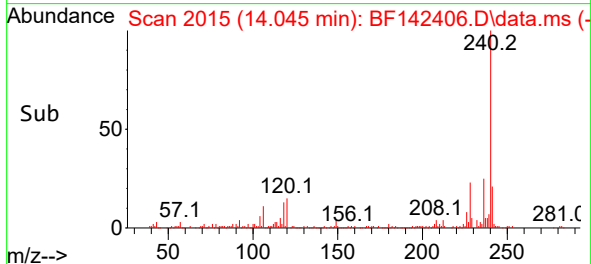
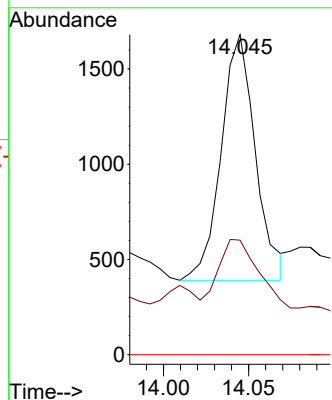
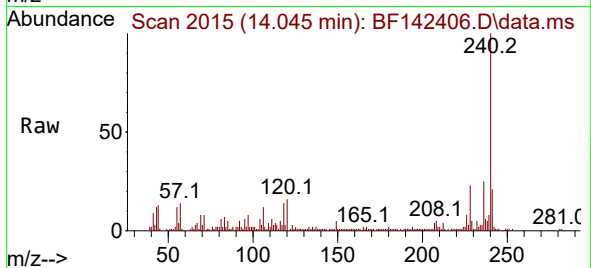
Tgt Ion:149 Resp: 1802

Ion Ratio Lower Upper

149 100

167 35.8 22.0 33.0#

279 0.0 3.0 4.6#



#85

Di-n-octyl phthalate

Concen: 7.848 ng

RT: 14.657 min Scan# 2119

Delta R.T. -0.012 min

Lab File: BF142406.D

Acq: 15 May 2025 22:04

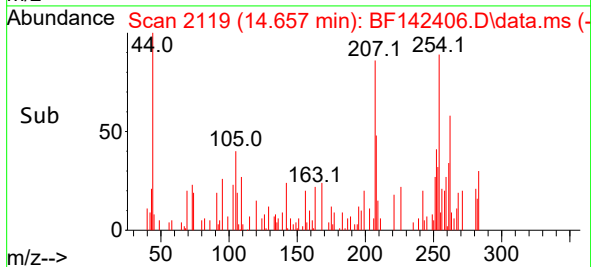
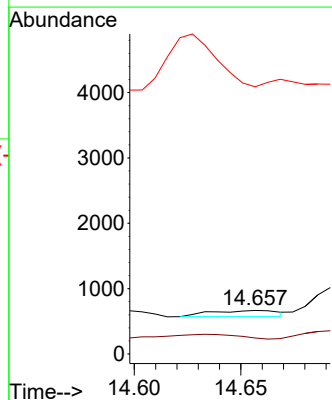
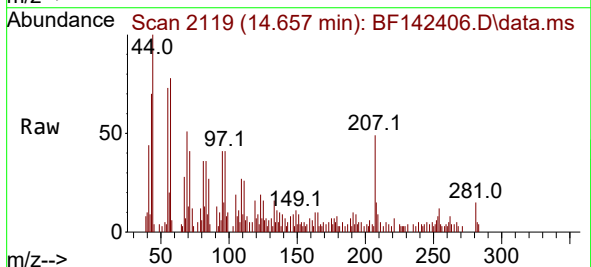
Tgt Ion:149 Resp: 209

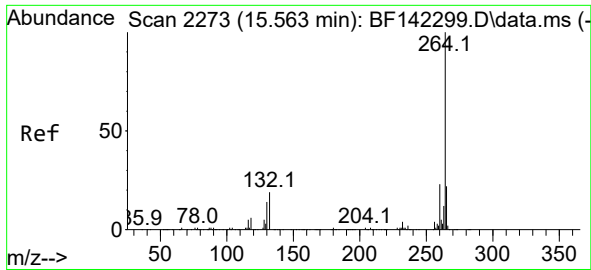
Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 0.0 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142406.D

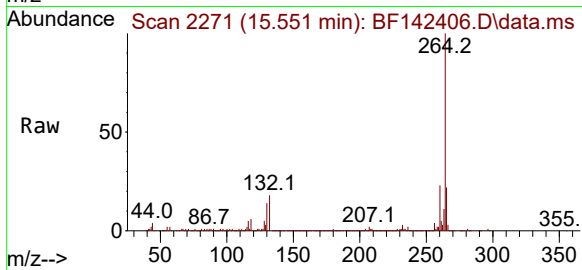
Acq: 15 May 2025 22:04

Instrument :

BNA_F

ClientSampleId :

TP-8



Tgt Ion:264 Resp: 278675

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.8 17.5 26.3

