

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142256.D
 Acq On : 01 May 2025 13:07
 Operator : RC/JU
 Sample : PB167774TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167774TB

Quant Time: May 01 13:35:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

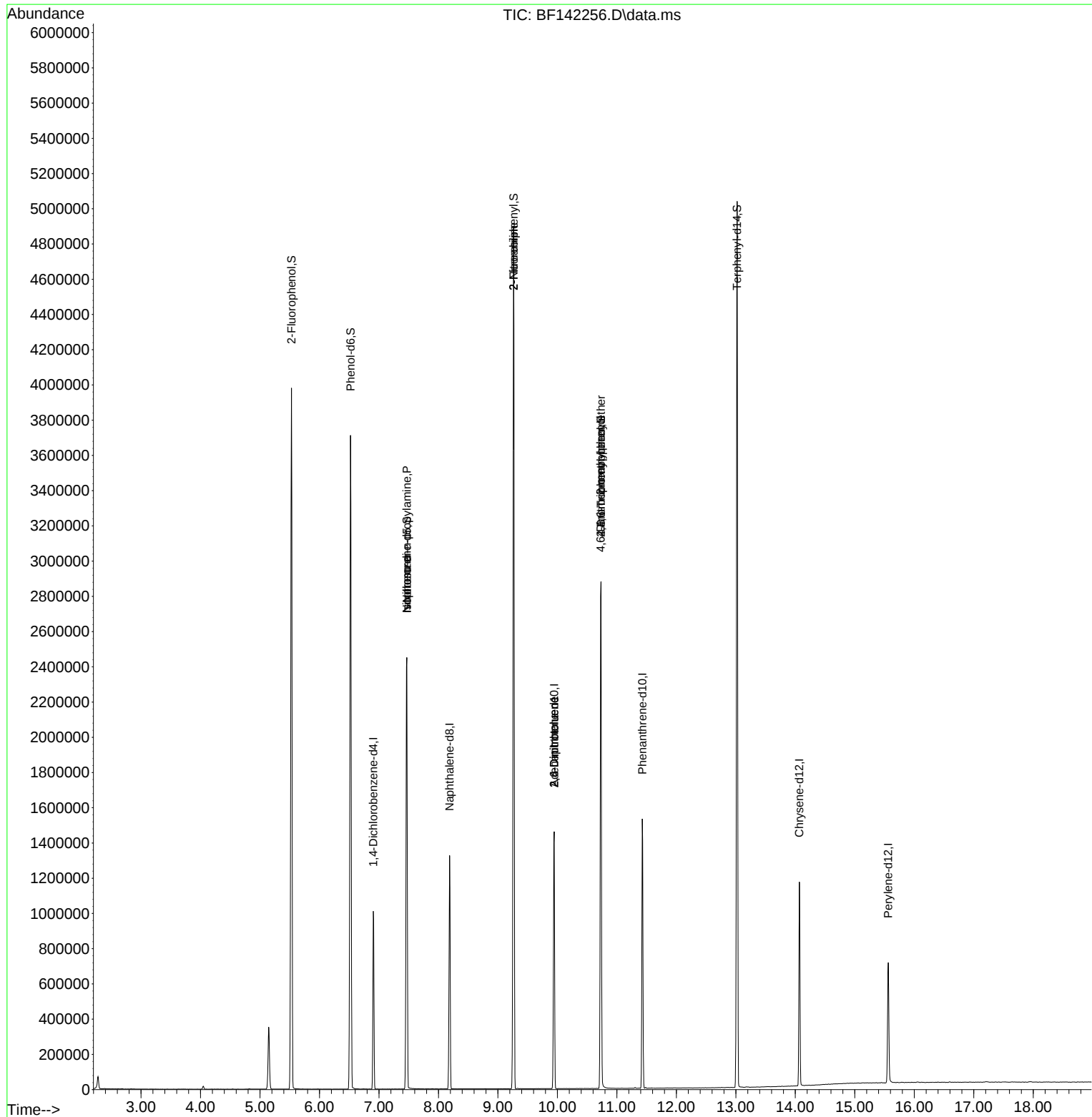
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	217516	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	839699	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	443070	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	773002	20.000	ng	0.00
76) Chrysene-d12	14.068	240	539235	20.000	ng	0.00
86) Perylene-d12	15.562	264	394051	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1585580	116.418	ng	0.01
7) Phenol-d6	6.522	99	1907914	116.005	ng	0.00
23) Nitrobenzene-d5	7.469	82	1116409	87.347	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	529459	131.080	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2264475	72.061	ng	0.00
79) Terphenyl-d14	13.021	244	2518381	67.925	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	149889	14.748	ng	# 80
25) Isophorone	7.469	82	1115315	41.578	ng	# 64
48) 2-Nitroaniline	9.263	65	3935	5.293	ng	# 1
51) 2,6-Dinitrotoluene	9.945	165	56318	13.515	ng	# 24
57) 2,4-Dinitrotoluene	9.945	165	56318	12.688	ng	# 23
65) 4,6-Dinitro-2-methylph...	10.727	198	931	10.896	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	31879	3.703	ng	# 1

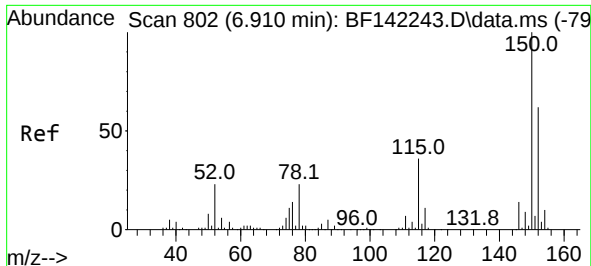
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
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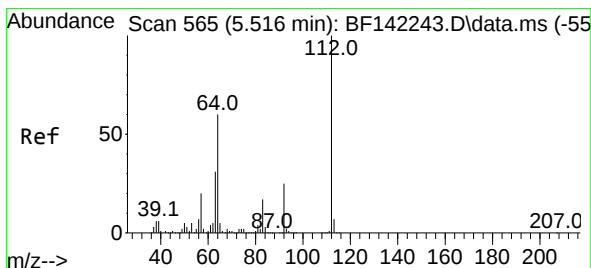
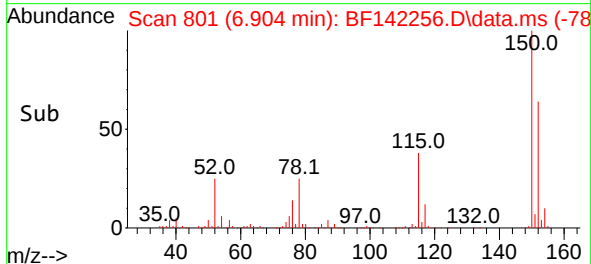
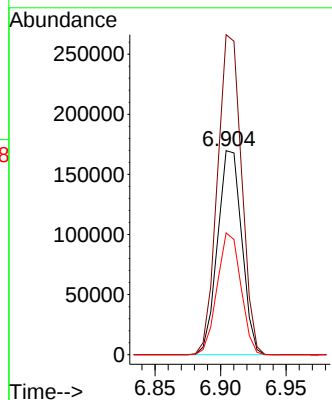
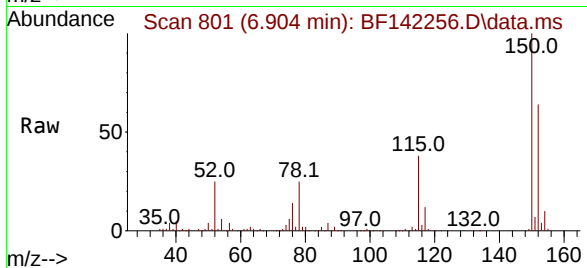




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

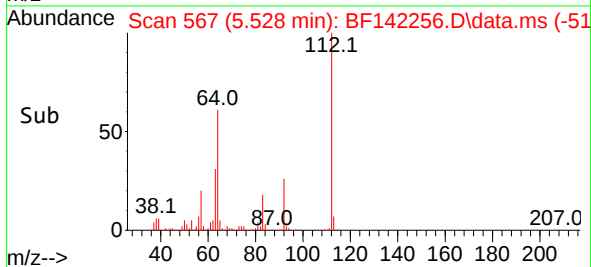
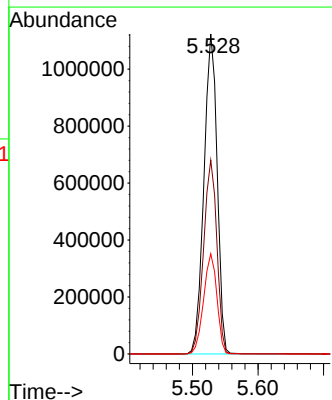
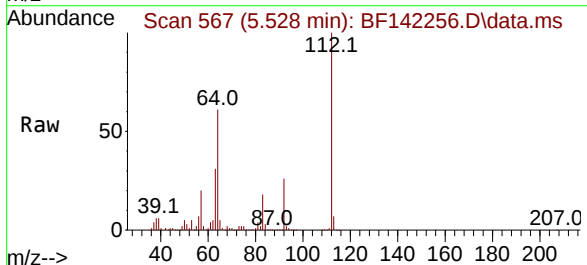
Instrument :
BNA_F
ClientSampleId :
PB167774TB

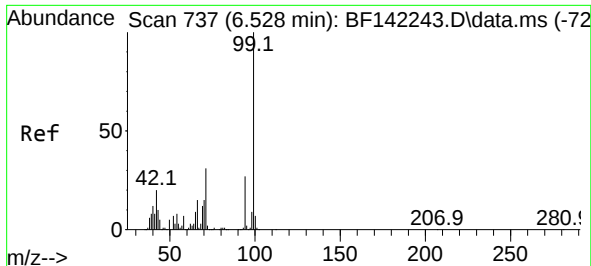
Tgt Ion:152 Resp: 217516
Ion Ratio Lower Upper
152 100
150 156.9 130.2 195.2
115 59.7 47.0 70.4



#5
2-Fluorophenol
Concen: 116.418 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

Tgt Ion:112 Resp: 1585580
Ion Ratio Lower Upper
112 100
64 60.6 48.4 72.6
63 31.3 24.8 37.2

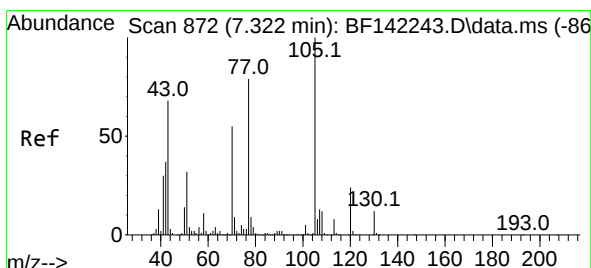
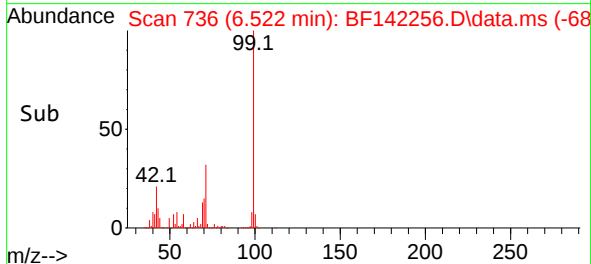
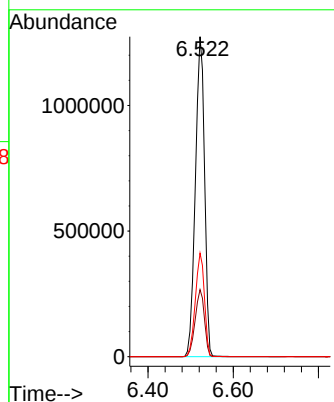
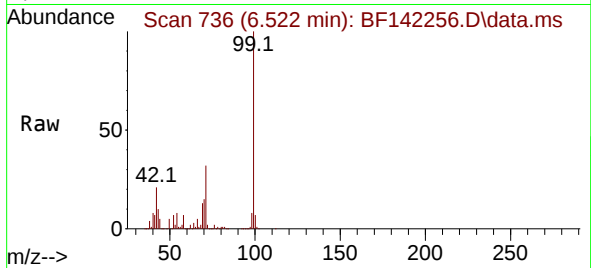




#7
Phenol-d6
Concen: 116.005 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

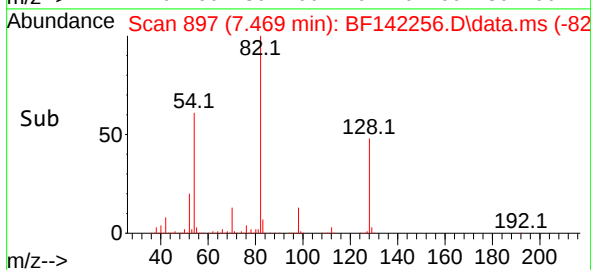
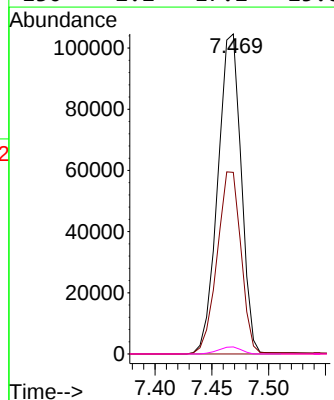
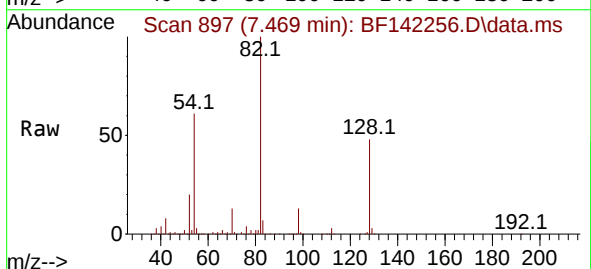
Instrument :
BNA_F
ClientSampleId :
PB167774TB

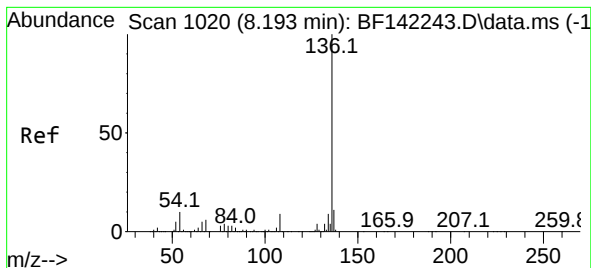
Tgt Ion: 99 Resp: 1907914
Ion Ratio Lower Upper
99 100
42 21.0 16.3 24.5
71 32.3 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.748 ng
RT: 7.469 min Scan# 897
Delta R.T. 0.147 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

Tgt Ion: 70 Resp: 149889
Ion Ratio Lower Upper
70 100
42 56.7 53.4 80.2
101 0.0 7.7 11.5#
130 2.2 17.2 25.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.007 min

Lab File: BF142256.D

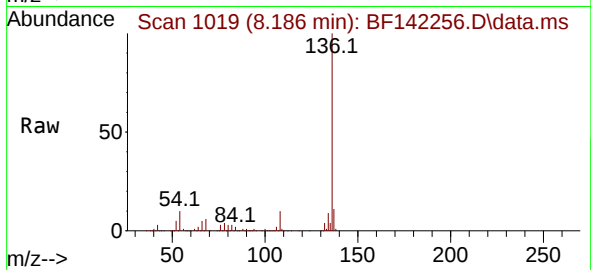
Acq: 01 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

PB167774TB



Tgt Ion:136 Resp: 839699

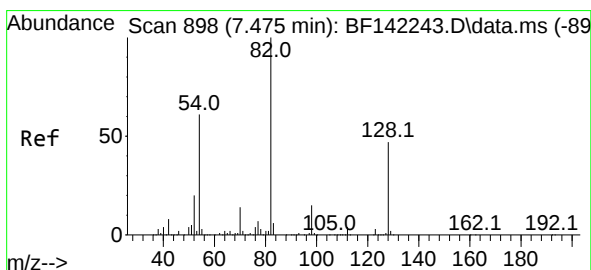
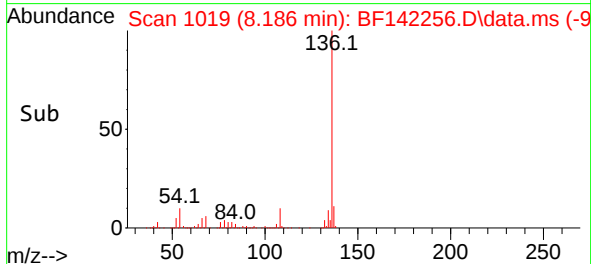
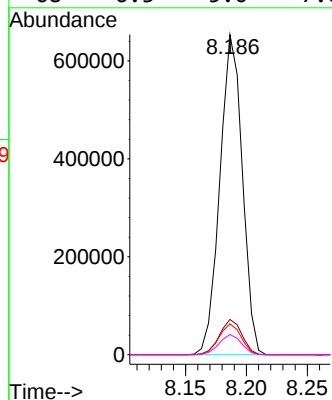
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.7 7.7 11.5

68 6.3 5.0 7.6



#23

Nitrobenzene-d5

Concen: 87.347 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF142256.D

Acq: 01 May 2025 13:07

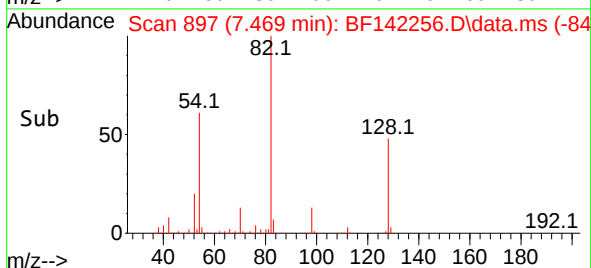
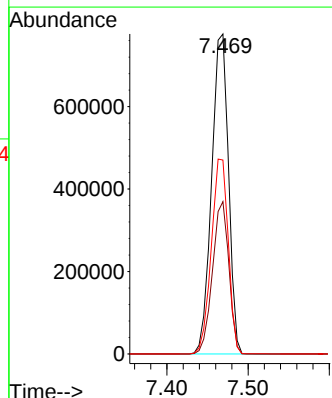
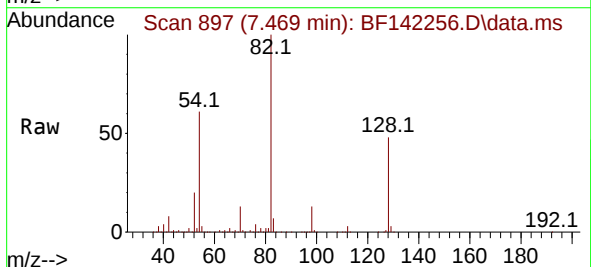
Tgt Ion: 82 Resp: 1116409

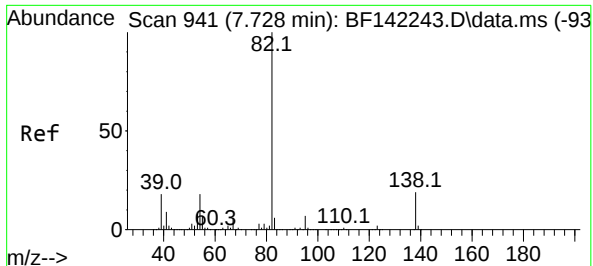
Ion Ratio Lower Upper

82 100

128 47.6 37.0 55.6

54 60.6 48.0 72.0

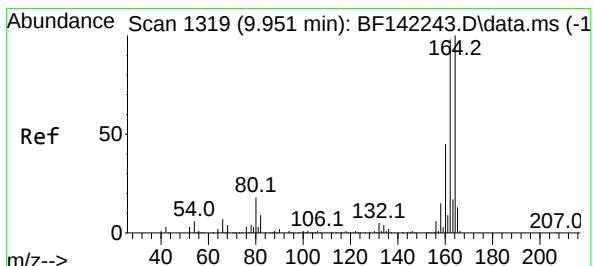
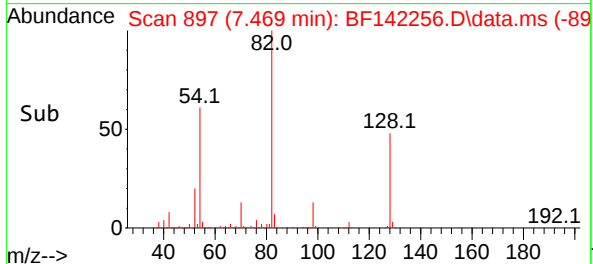
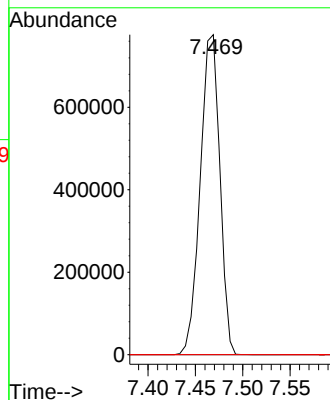
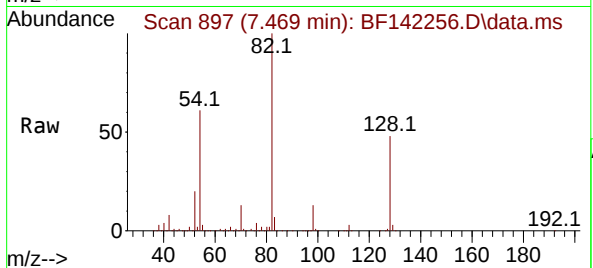




#25
Isophorone
Concen: 41.578 ng
RT: 7.469 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

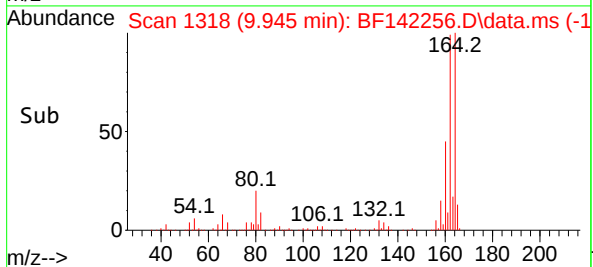
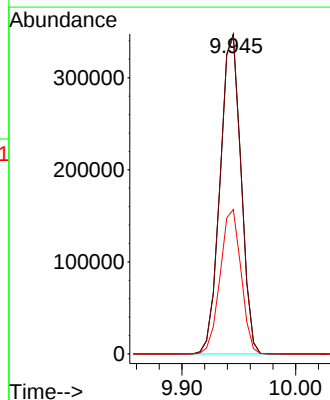
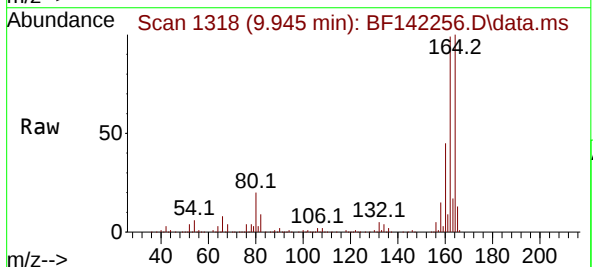
Instrument :
BNA_F
ClientSampleId :
PB167774TB

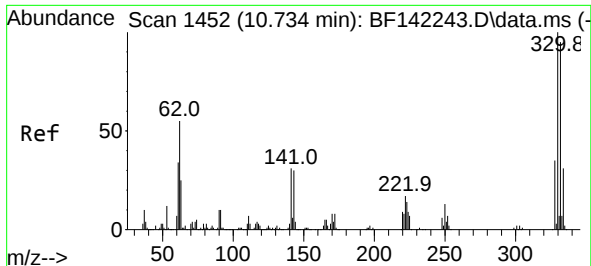
Tgt Ion: 82 Resp: 1115315
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

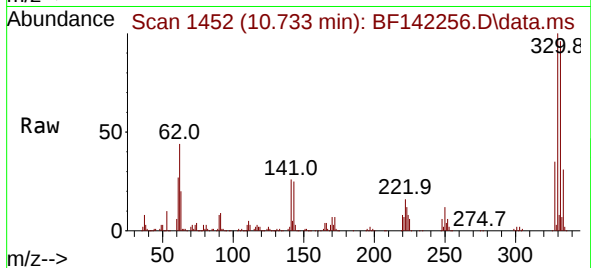
Tgt Ion:164 Resp: 443070
Ion Ratio Lower Upper
164 100
162 99.1 78.6 117.8
160 45.2 35.7 53.5



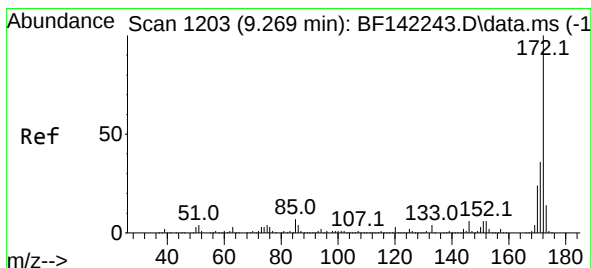
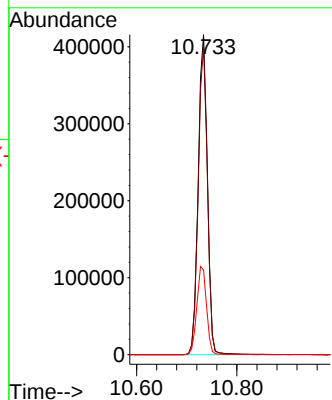
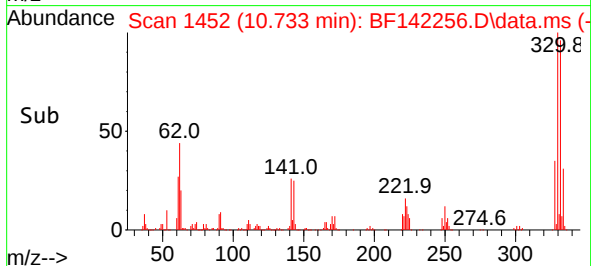


#42
2,4,6-Tribromophenol
Concen: 131.080 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

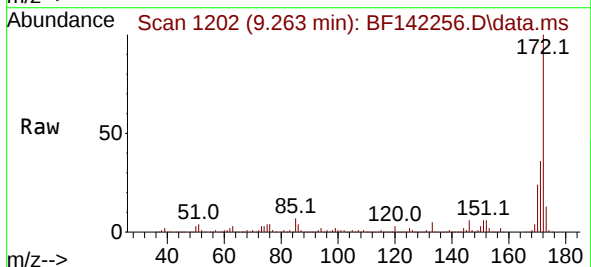
Instrument :
BNA_F
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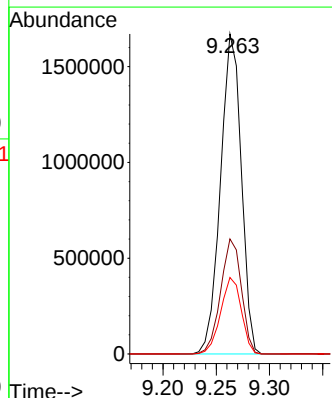
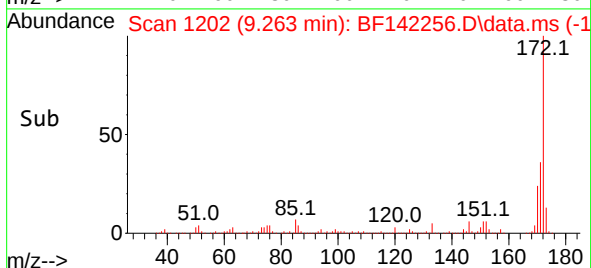
Tgt Ion:330 Resp: 529459
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 29.1 24.3 36.5

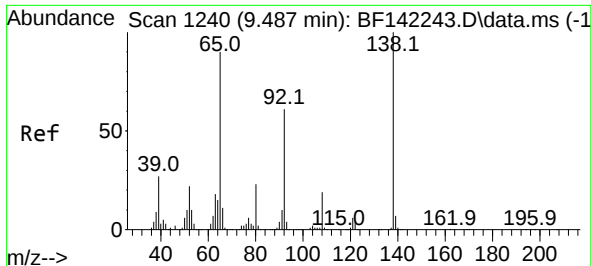


#45
2-Fluorobiphenyl
Concen: 72.061 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07



Tgt Ion:172 Resp: 2264475
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 23.9 19.4 29.0





#48

2-Nitroaniline

Concen: 5.293 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.224 min

Lab File: BF142256.D

Acq: 01 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

PB167774TB

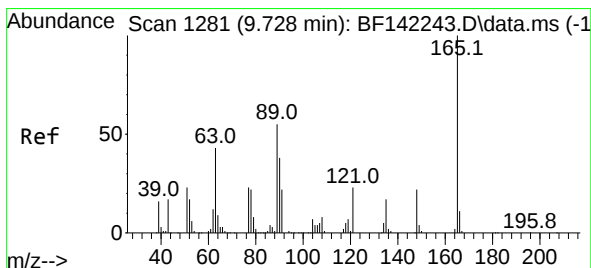
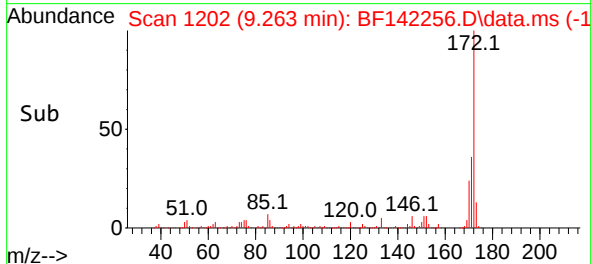
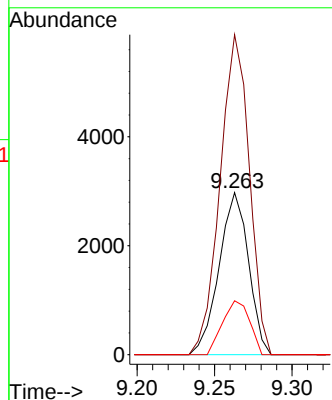
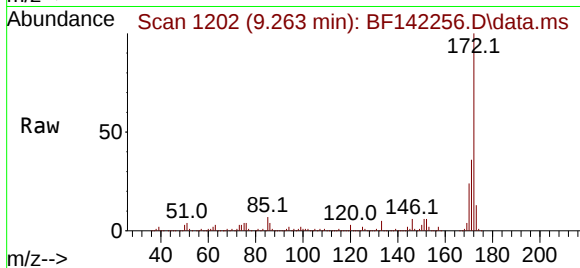
Tgt Ion: 65 Resp: 3935

Ion Ratio Lower Upper

65 100

92 197.4 54.3 81.5#

138 33.3 88.6 133.0#



#51

2,6-Dinitrotoluene

Concen: 13.515 ng

RT: 9.945 min Scan# 1318

Delta R.T. 0.217 min

Lab File: BF142256.D

Acq: 01 May 2025 13:07

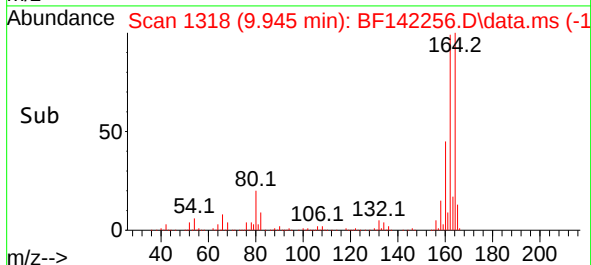
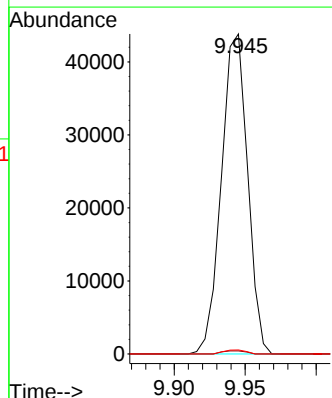
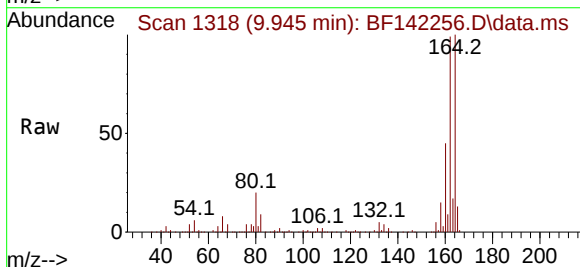
Tgt Ion:165 Resp: 56318

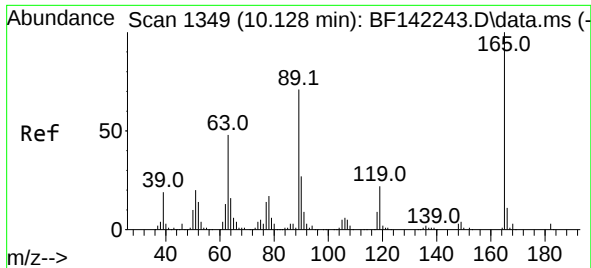
Ion Ratio Lower Upper

165 100

63 0.9 48.5 72.7#

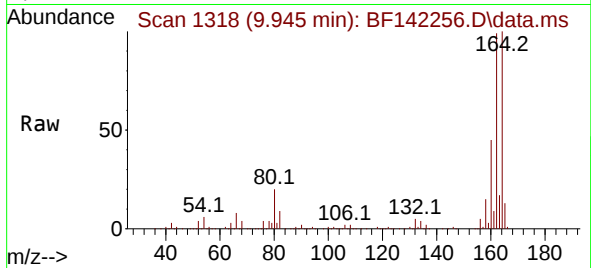
89 1.3 43.9 65.9#



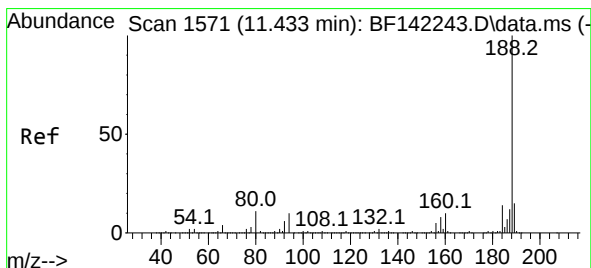
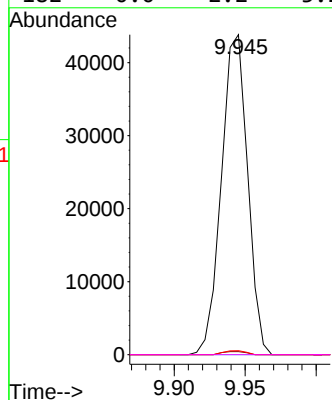
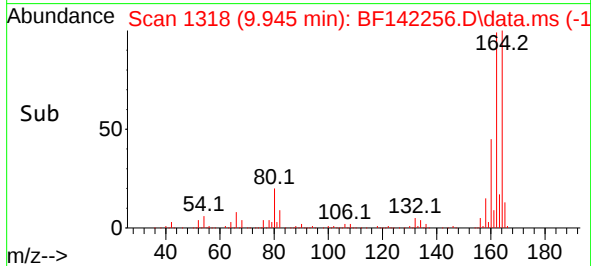


#57
2,4-Dinitrotoluene
Concen: 12.688 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.183 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

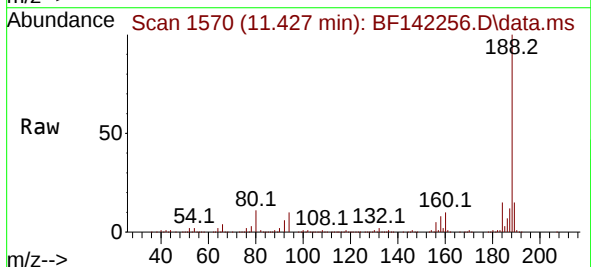
Instrument :
BNA_F
ClientSampleId :
PB167774TB



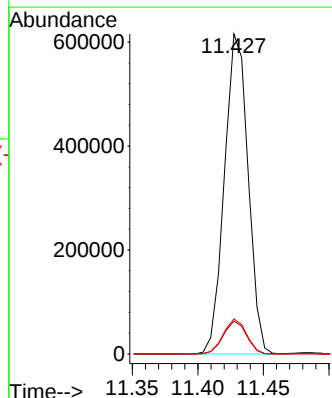
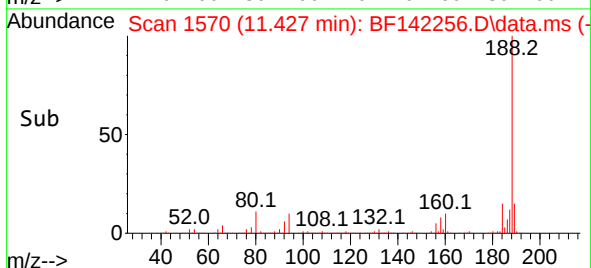
Tgt Ion:165 Resp: 56318
Ion Ratio Lower Upper
165 100
63 0.9 38.8 58.2#
89 1.3 57.1 85.7#
182 0.0 2.2 3.2#

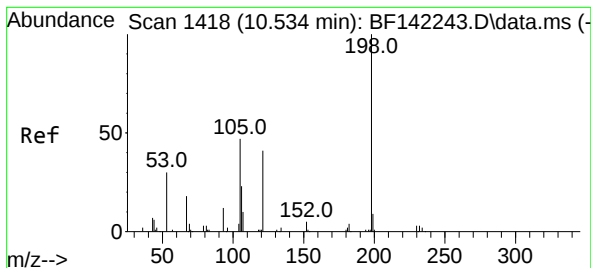


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07



Tgt Ion:188 Resp: 773002
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 10.9 8.6 12.8

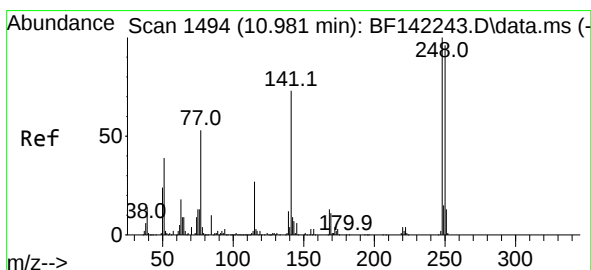
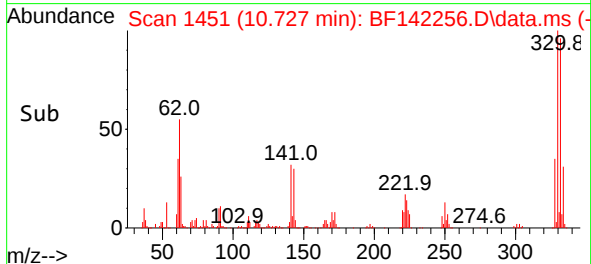
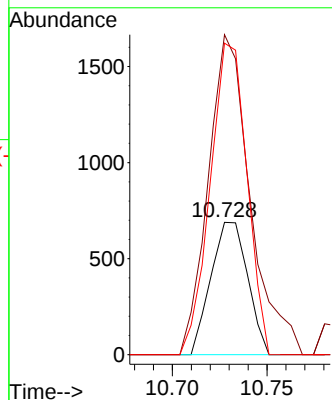
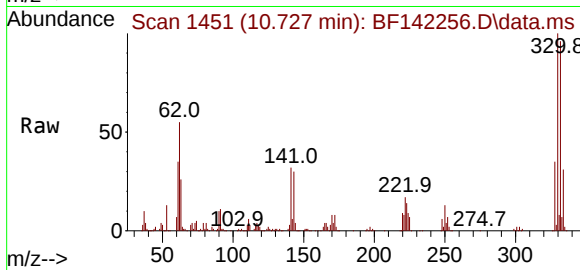




#65
4,6-Dinitro-2-methylphenol
Concen: 10.896 ng
RT: 10.727 min Scan# 1418
Delta R.T. 0.193 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

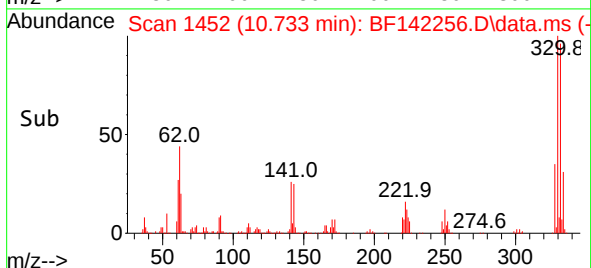
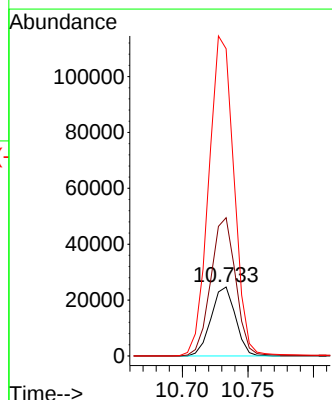
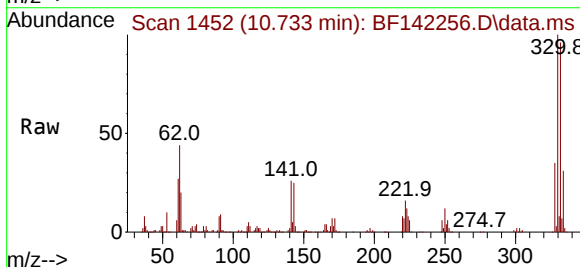
Instrument :
BNA_F
ClientSampleId :
PB167774TB

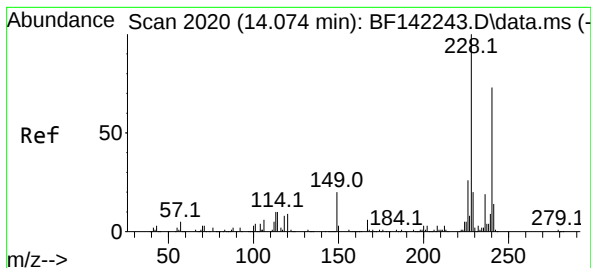
Tgt Ion:198 Resp: 931
Ion Ratio Lower Upper
198 100
51 241.8 40.6 80.6#
105 235.4 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 3.703 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

Tgt Ion:248 Resp: 31879
Ion Ratio Lower Upper
248 100
250 200.6 77.2 115.8#
141 446.0 58.4 87.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142256.D

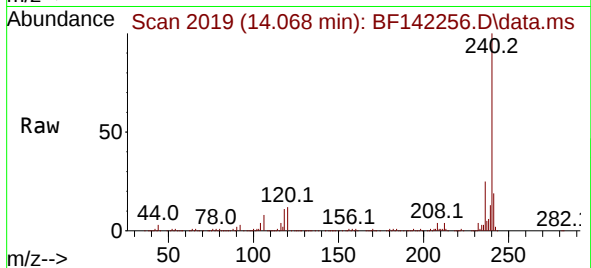
Acq: 01 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

PB167774TB



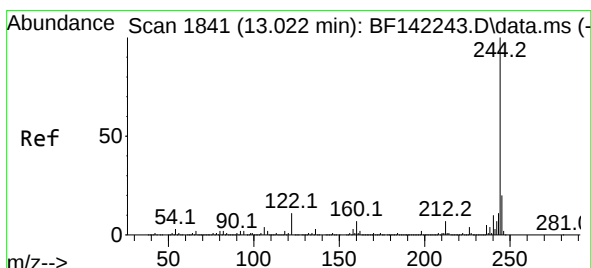
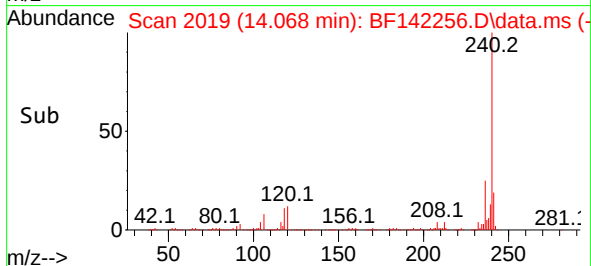
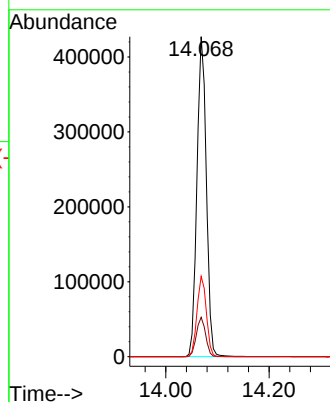
Tgt Ion:240 Resp: 539235

Ion Ratio Lower Upper

240 100

120 12.3 10.1 15.1

236 25.1 20.5 30.7



#79

Terphenyl-d14

Concen: 67.925 ng

RT: 13.021 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF142256.D

Acq: 01 May 2025 13:07

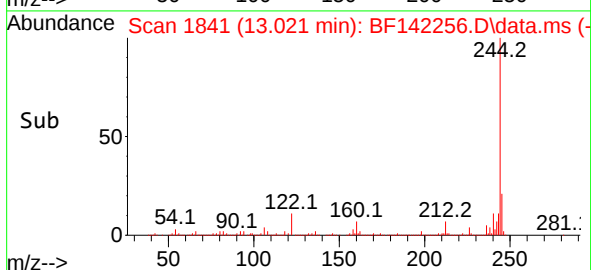
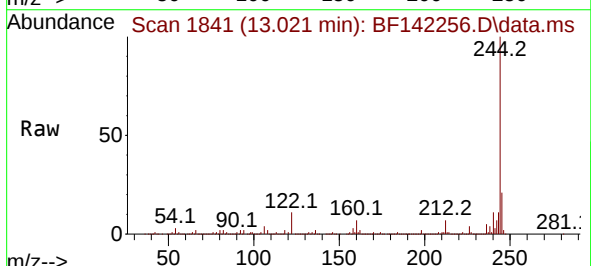
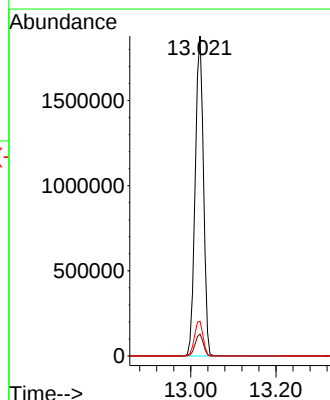
Tgt Ion:244 Resp: 2518381

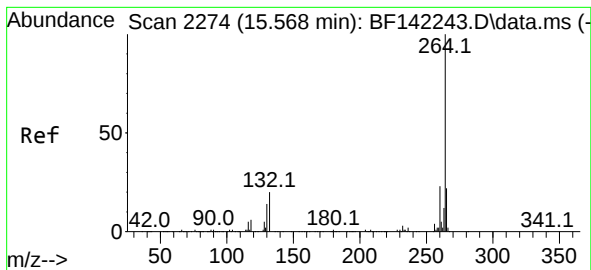
Ion Ratio Lower Upper

244 100

212 6.8 5.3 7.9

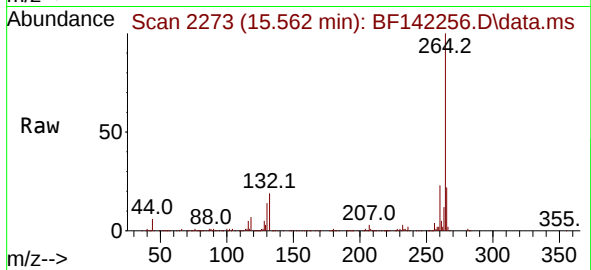
122 10.9 9.1 13.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142256.D
 Acq: 01 May 2025 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB167774TB



Tgt Ion:264 Resp: 394051
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.6 17.3 25.9

