

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142275.D
 Acq On : 02 May 2025 11:07
 Operator : RC/JU
 Sample : PB167774TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167774TB

Quant Time: May 02 12:12:43 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)

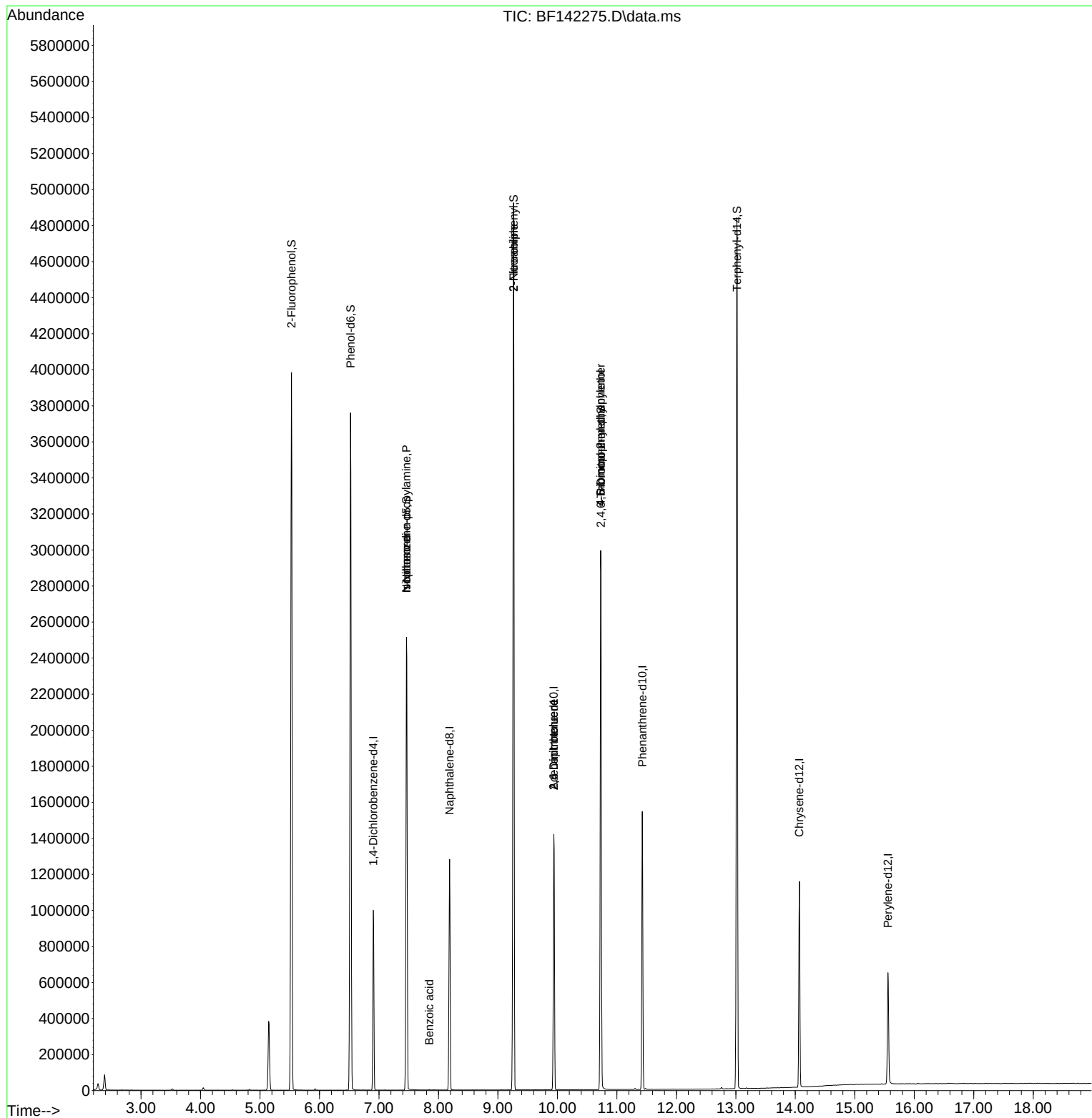
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	211665	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	810769	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	431876	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	766160	20.000	ng	0.00
76) Chrysene-d12	14.068	240	539015	20.000	ng	0.00
86) Perylene-d12	15.557	264	357511	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1589322	119.918	ng	0.01
7) Phenol-d6	6.522	99	1916023	119.718	ng	0.00
23) Nitrobenzene-d5	7.463	82	1130121	91.575	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	554280	140.782	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2305665	75.274	ng	0.00
79) Terphenyl-d14	13.021	244	2498554	67.418	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	151808	15.350	ng	# 81
25) Isophorone	7.463	82	1128680	43.578	ng	# 64
32) Benzoic acid	7.845	122	397	10.858	ng	# 88
48) 2-Nitroaniline	9.263	65	3874	5.298	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	56077	13.719	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	56077	12.853	ng	# 23
65) 4,6-Dinitro-2-methylph...	10.727	198	1089	10.947	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	33859	3.968	ng	# 1

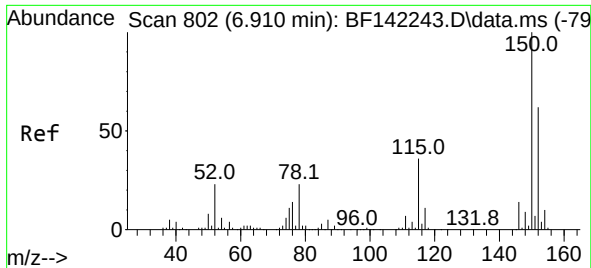
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
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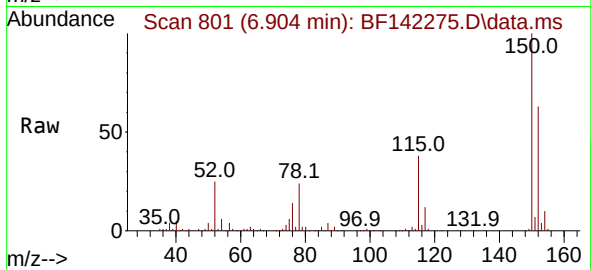
Quant Time: May 02 12:12:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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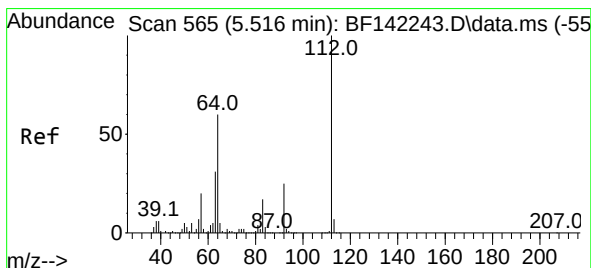
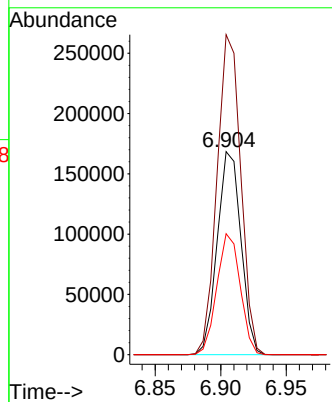
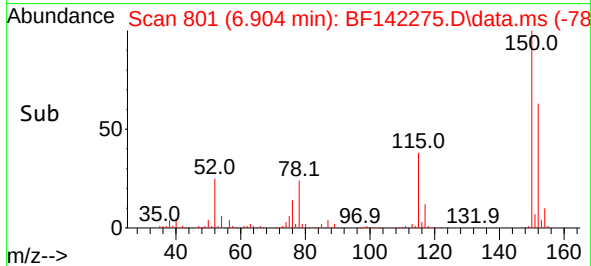


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142275.D
Acq: 02 May 2025 11:07

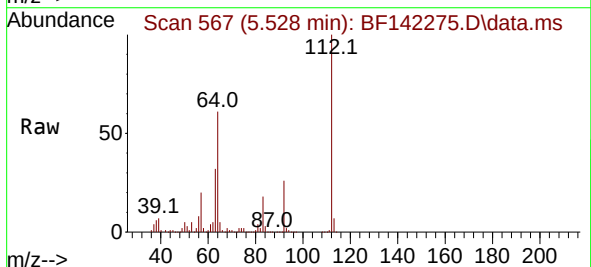
Instrument :
BNA_F
ClientSampleId :
PB167774TB



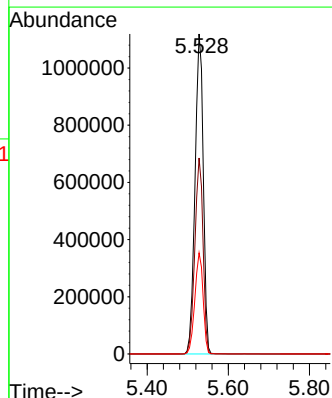
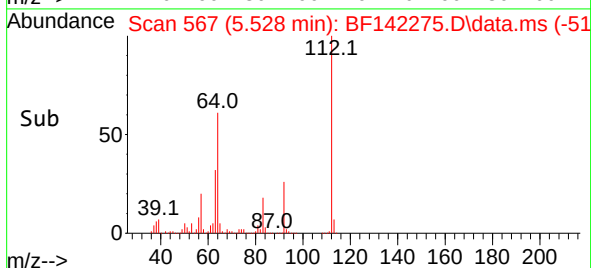
Tgt Ion:152 Resp: 211665
Ion Ratio Lower Upper
152 100
150 157.6 130.2 195.2
115 59.5 47.0 70.4

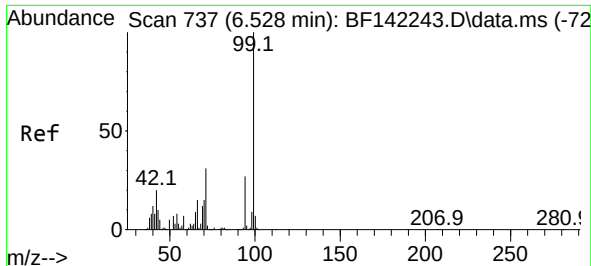


#5
2-Fluorophenol
Concen: 119.918 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142275.D
Acq: 02 May 2025 11:07



Tgt Ion:112 Resp: 1589322
Ion Ratio Lower Upper
112 100
64 61.2 48.4 72.6
63 31.6 24.8 37.2

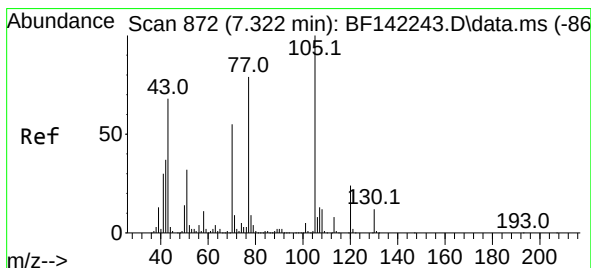
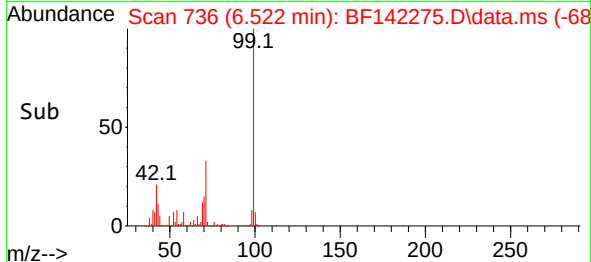
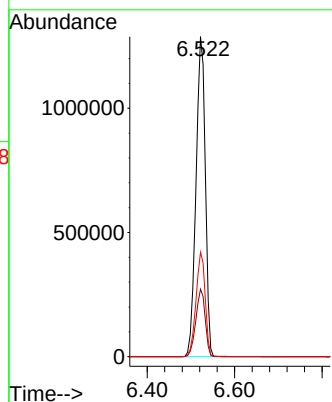
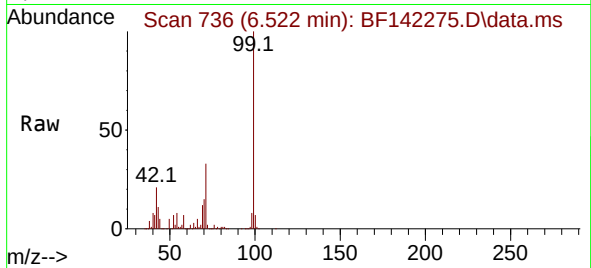




#7
Phenol-d6
Concen: 119.718 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142275.D
Acq: 02 May 2025 11:07

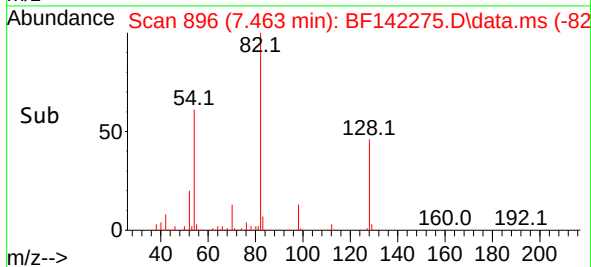
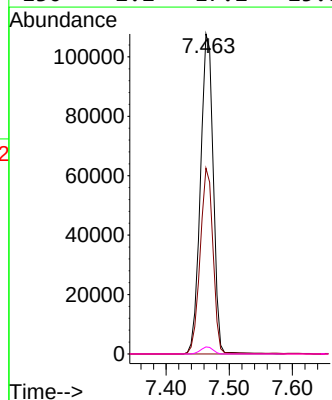
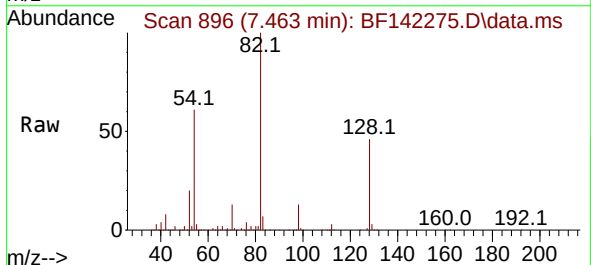
Instrument :
BNA_F
ClientSampleId :
PB167774TB

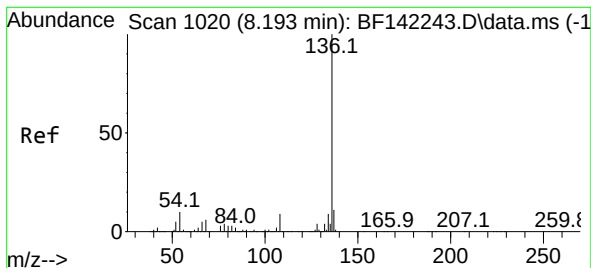
Tgt Ion: 99 Resp: 1916023
Ion Ratio Lower Upper
99 100
42 21.1 16.3 24.5
71 32.6 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.350 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF142275.D
Acq: 02 May 2025 11:07

Tgt Ion: 70 Resp: 151808
Ion Ratio Lower Upper
70 100
42 58.0 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# 1

Delta R.T. -0.007 min

Lab File: BF142275.D

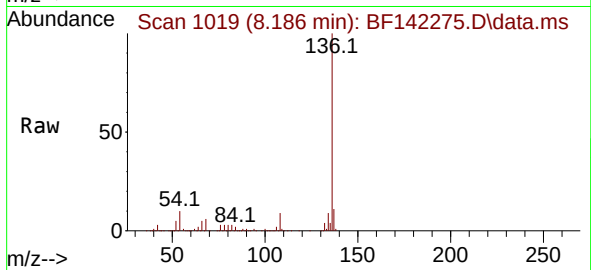
Acq: 02 May 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB167774TB



Tgt Ion:136 Resp: 810769

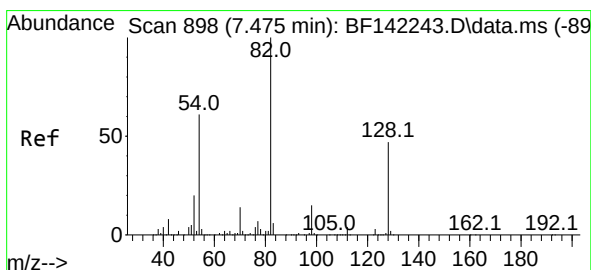
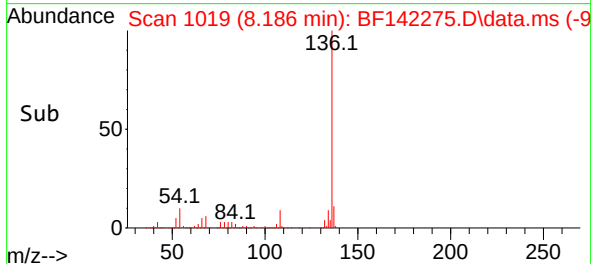
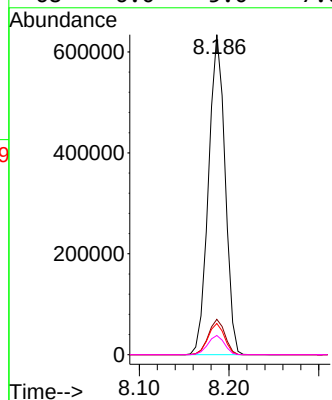
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.7 7.7 11.5

68 6.0 5.0 7.6



#23

Nitrobenzene-d5

Concen: 91.575 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142275.D

Acq: 02 May 2025 11:07

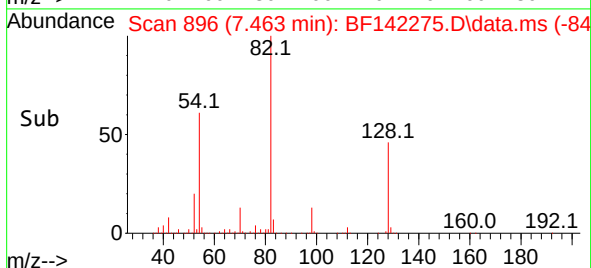
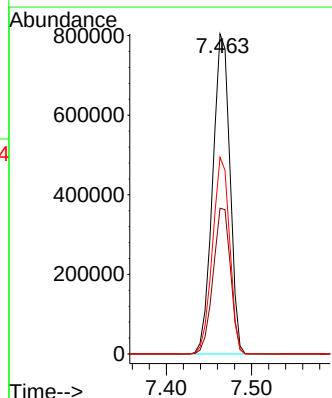
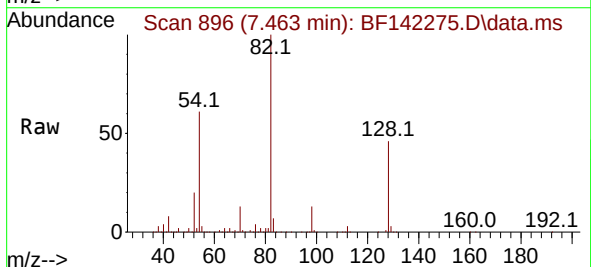
Tgt Ion: 82 Resp: 1130121

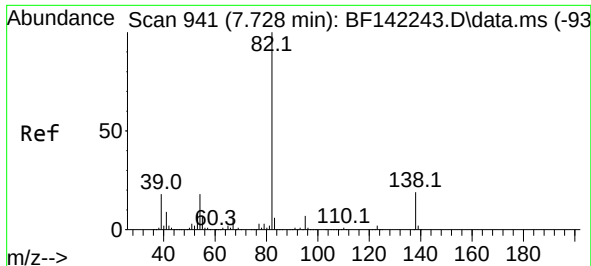
Ion Ratio Lower Upper

82 100

128 45.6 37.0 55.6

54 61.4 48.0 72.0

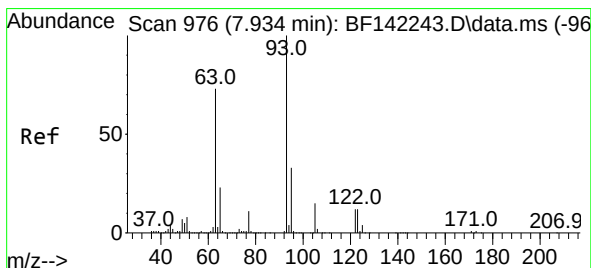
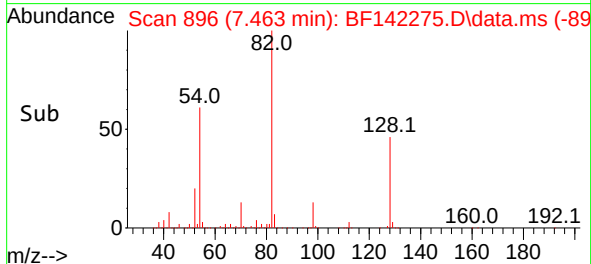
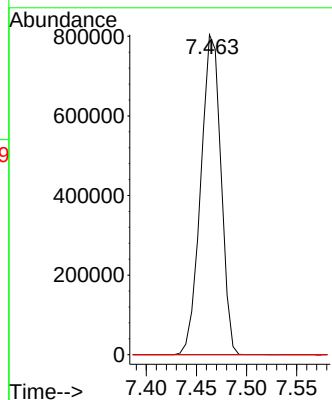
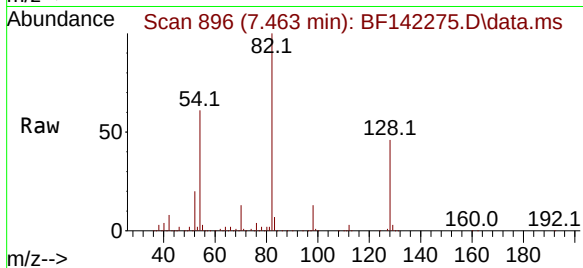




#25
Isophorone
Concen: 43.578 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142275.D
Acq: 02 May 2025 11:07

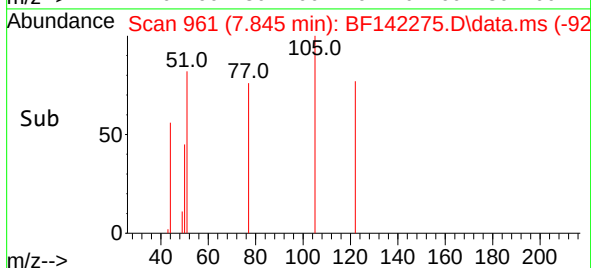
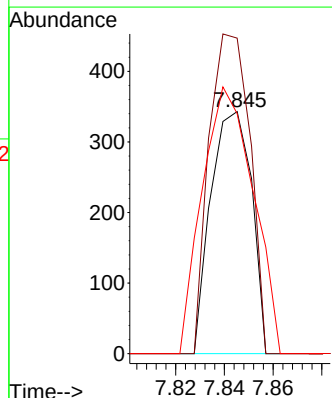
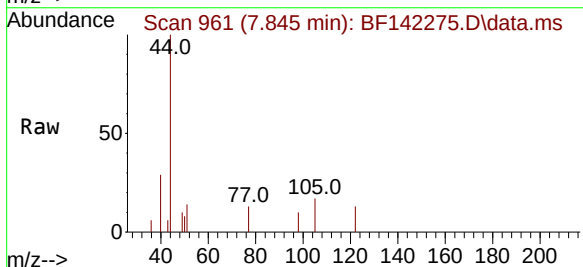
Instrument :
BNA_F
ClientSampleId :
PB167774TB

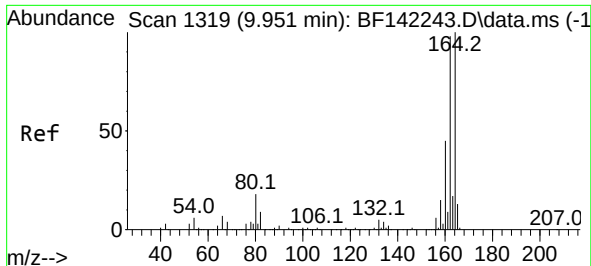
Tgt Ion: 82 Resp: 1128680
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.3 22.9#



#32
Benzoic acid
Concen: 10.858 ng
RT: 7.845 min Scan# 961
Delta R.T. -0.089 min
Lab File: BF142275.D
Acq: 02 May 2025 11:07

Tgt Ion:122 Resp: 397
Ion Ratio Lower Upper
122 100
105 130.3 98.2 138.2
77 99.1 66.8 106.8

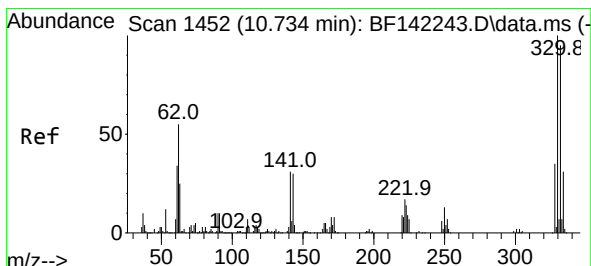
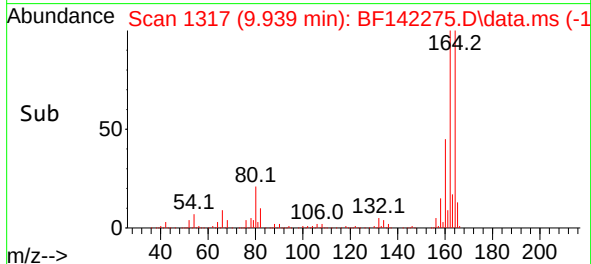
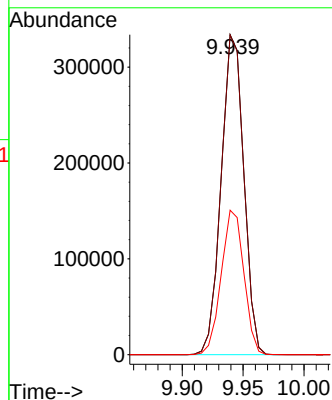
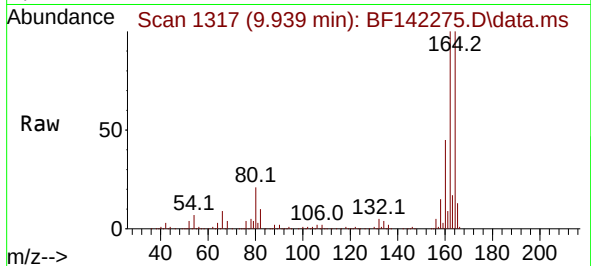




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142275.D
Acq: 02 May 2025 11:07

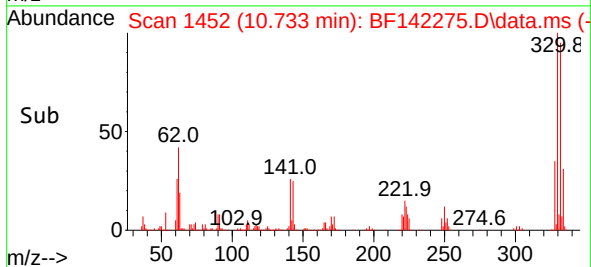
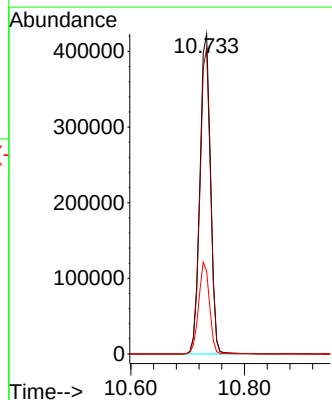
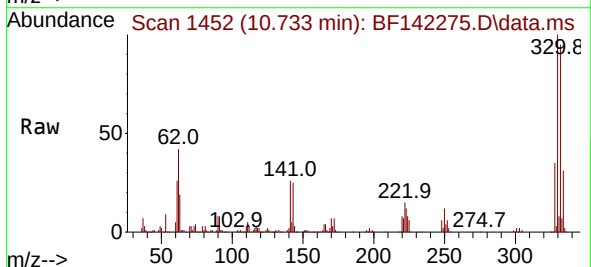
Instrument :
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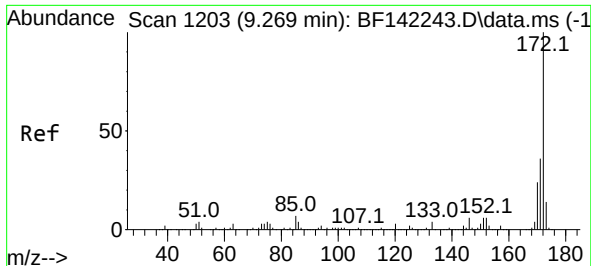
Tgt Ion:164 Resp: 431876
Ion Ratio Lower Upper
164 100
162 99.9 78.6 117.8
160 45.2 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 140.782 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142275.D
Acq: 02 May 2025 11:07

Tgt Ion:330 Resp: 554280
Ion Ratio Lower Upper
330 100
332 95.2 76.5 114.7
141 29.0 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 75.274 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142275.D

Acq: 02 May 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB167774TB

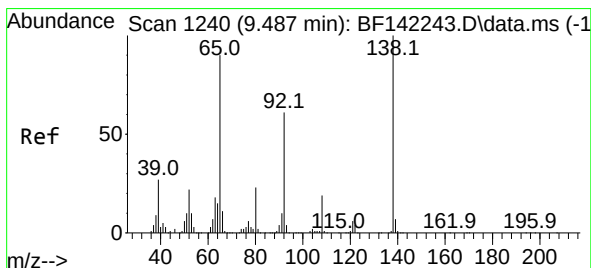
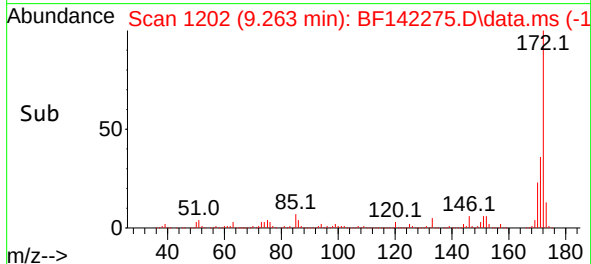
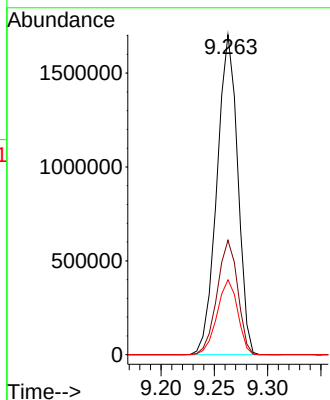
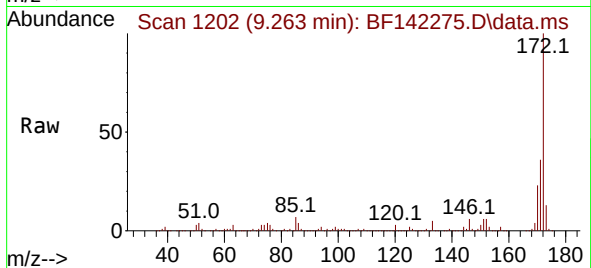
Tgt Ion:172 Resp: 2305665

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.4

170 23.4 19.4 29.0



#48

2-Nitroaniline

Concen: 5.298 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.224 min

Lab File: BF142275.D

Acq: 02 May 2025 11:07

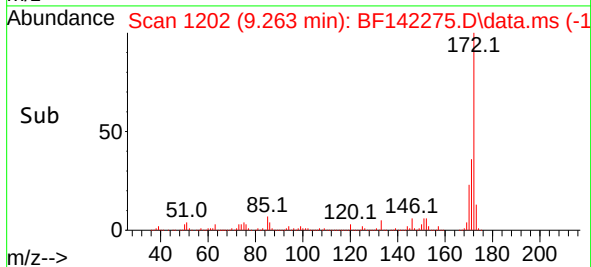
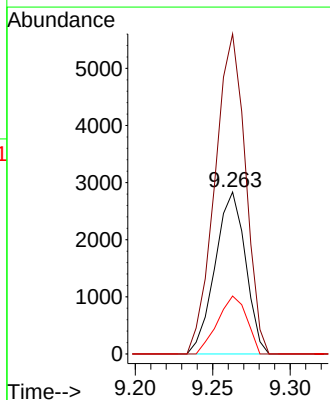
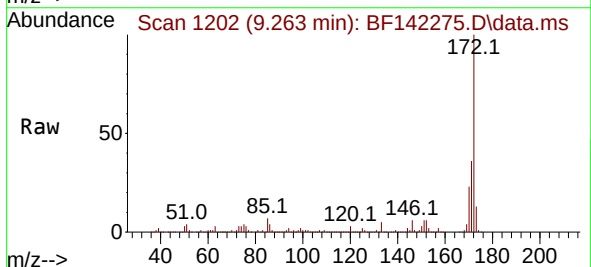
Tgt Ion: 65 Resp: 3874

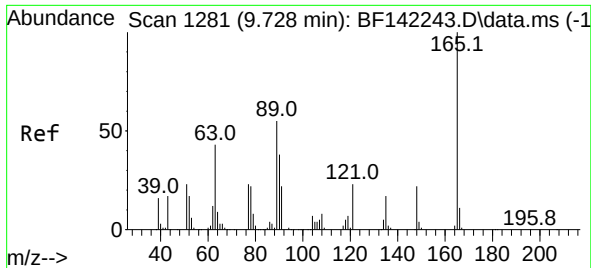
Ion Ratio Lower Upper

65 100

92 197.6 54.3 81.5#

138 35.8 88.6 133.0#





#51

2,6-Dinitrotoluene

Concen: 13.719 ng

RT: 9.939 min Scan# 11

Delta R.T. 0.211 min

Lab File: BF142275.D

Acq: 02 May 2025 11:07

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PB167774TB

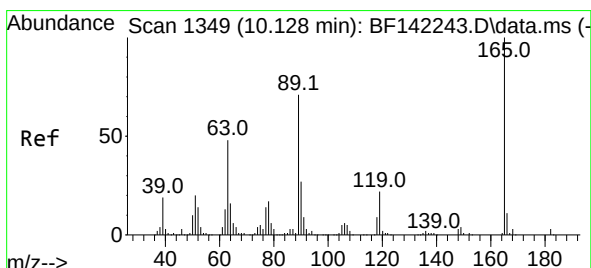
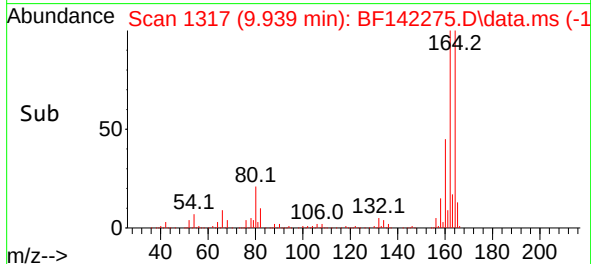
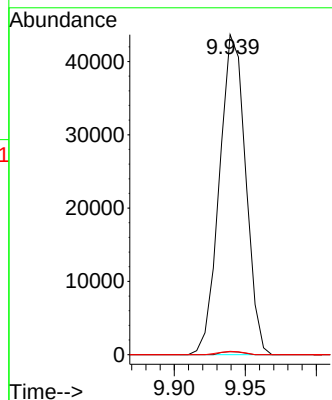
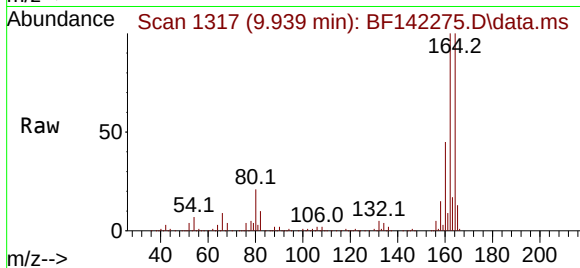
Tgt Ion:165 Resp: 56077

Ion Ratio Lower Upper

165 100

63 0.9 48.5 72.7#

89 1.0 43.9 65.9#



#57

2,4-Dinitrotoluene

Concen: 12.853 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.189 min

Lab File: BF142275.D

Acq: 02 May 2025 11:07

Tgt Ion:165 Resp: 56077

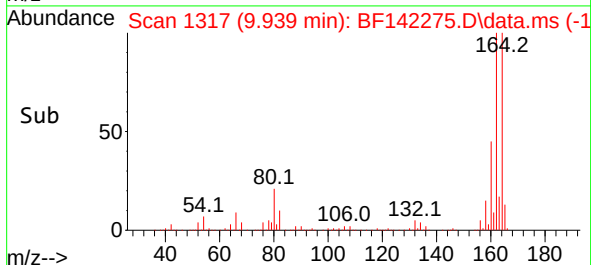
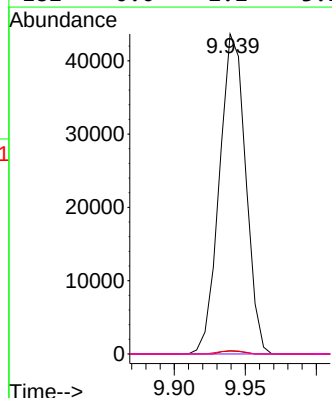
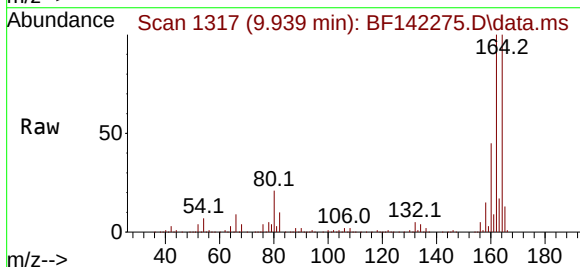
Ion Ratio Lower Upper

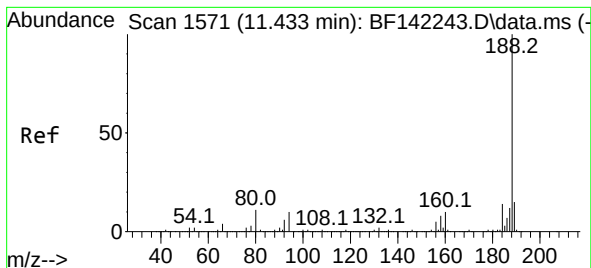
165 100

63 0.9 38.8 58.2#

89 1.0 57.1 85.7#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142275.D

Acq: 02 May 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB167774TB

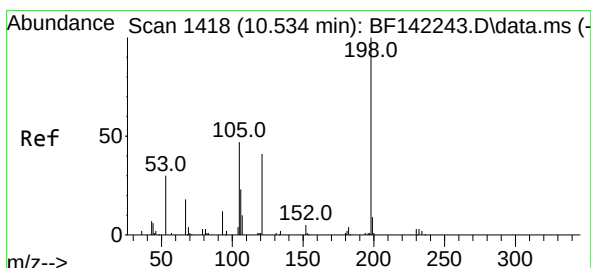
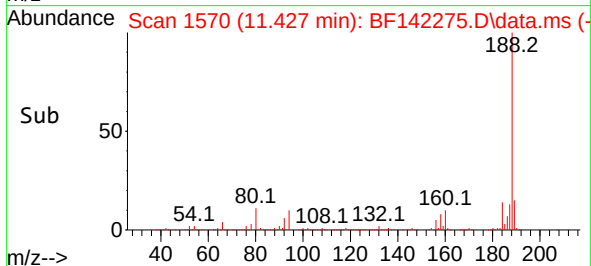
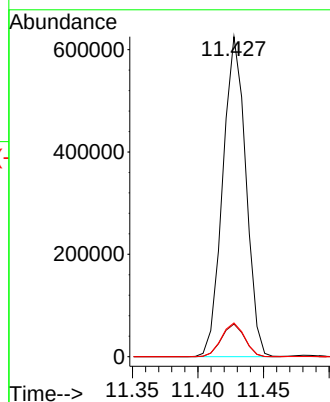
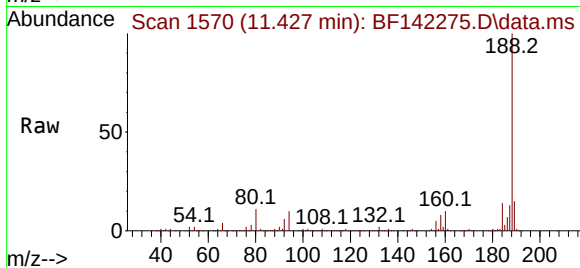
Tgt Ion:188 Resp: 766160

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

80 10.6 8.6 12.8



#65

4,6-Dinitro-2-methylphenol

Concen: 10.947 ng

RT: 10.727 min Scan# 1451

Delta R.T. 0.193 min

Lab File: BF142275.D

Acq: 02 May 2025 11:07

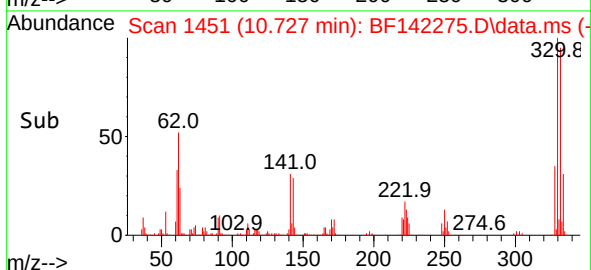
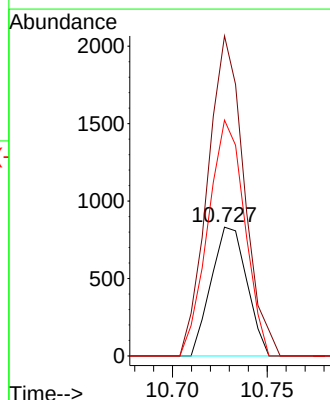
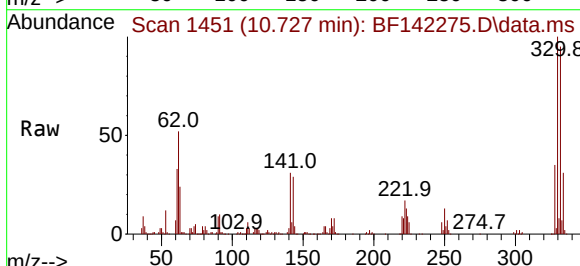
Tgt Ion:198 Resp: 1089

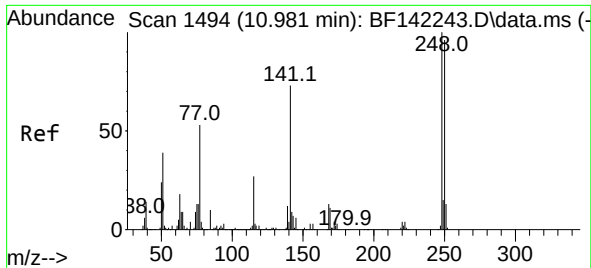
Ion Ratio Lower Upper

198 100

51 248.3 40.6 80.6#

105 183.1 29.2 69.2#

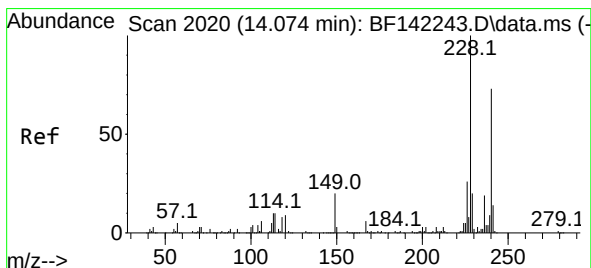
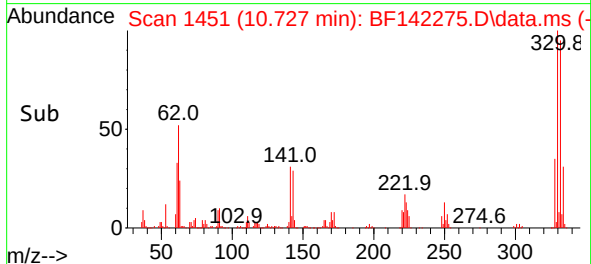
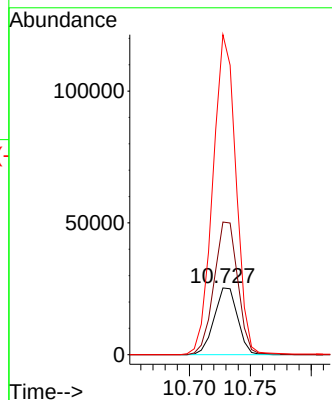
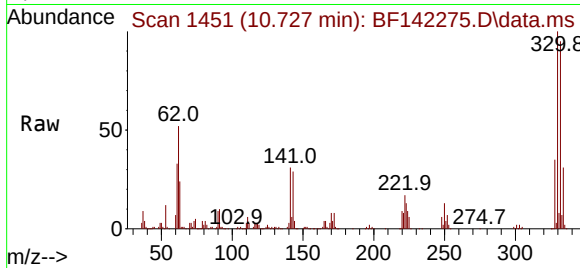




#67
4-Bromophenyl-phenylether
Concen: 3.968 ng
RT: 10.727 min Scan# 141
Delta R.T. -0.253 min
Lab File: BF142275.D
Acq: 02 May 2025 11:07

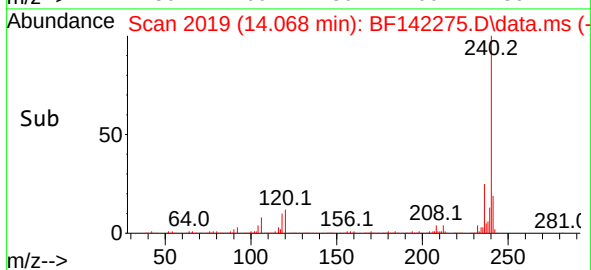
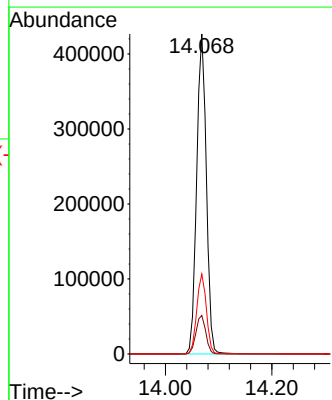
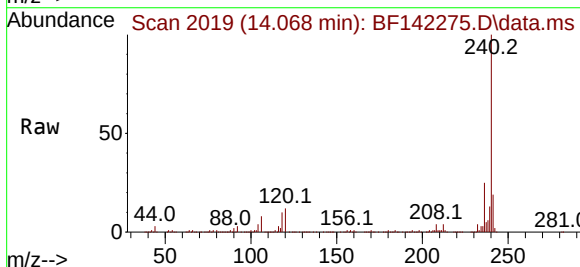
Instrument :
BNA_F
ClientSampleId :
PB167774TB

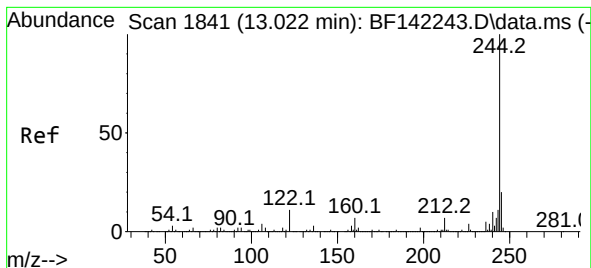
Tgt Ion:248 Resp: 33859
Ion Ratio Lower Upper
248 100
250 199.0 77.2 115.8#
141 479.8 58.4 87.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142275.D
Acq: 02 May 2025 11:07

Tgt Ion:240 Resp: 539015
Ion Ratio Lower Upper
240 100
120 12.0 10.1 15.1
236 25.0 20.5 30.7





#79

Terphenyl-d14

Concen: 67.418 ng

RT: 13.021 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142275.D

Acq: 02 May 2025 11:07

Instrument :

BNA_F

ClientSampleId :

PB167774TB

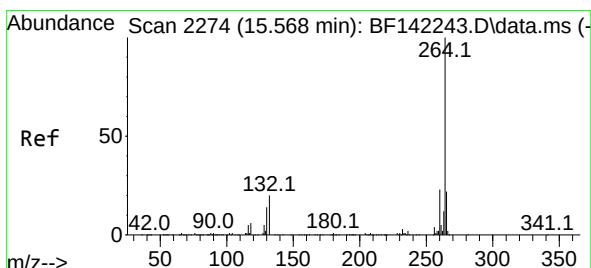
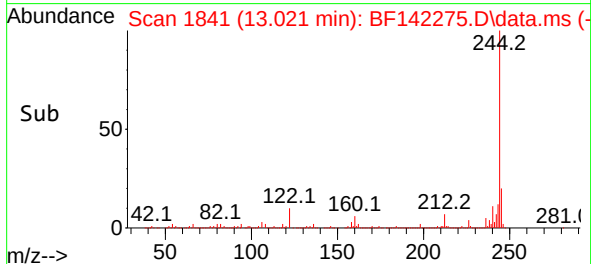
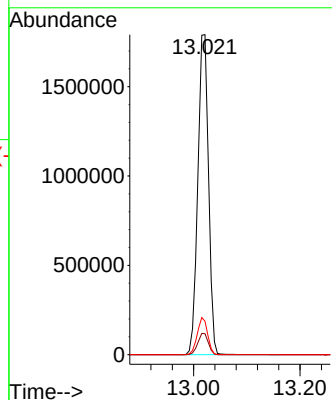
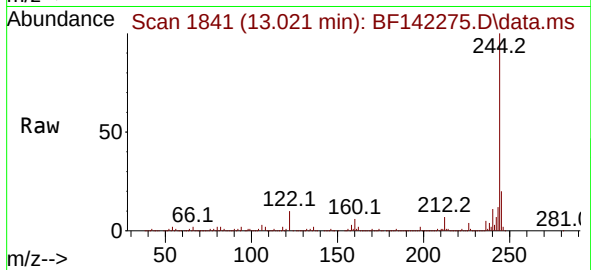
Tgt Ion:244 Resp: 2498554

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 10.4 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF142275.D

Acq: 02 May 2025 11:07

Tgt Ion:264 Resp: 357511

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 21.3 17.3 25.9

