

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142279.D
 Acq On : 02 May 2025 13:24
 Operator : RC/JU
 Sample : Q1901-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-170-SB01

Quant Time: May 02 14:19:55 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)

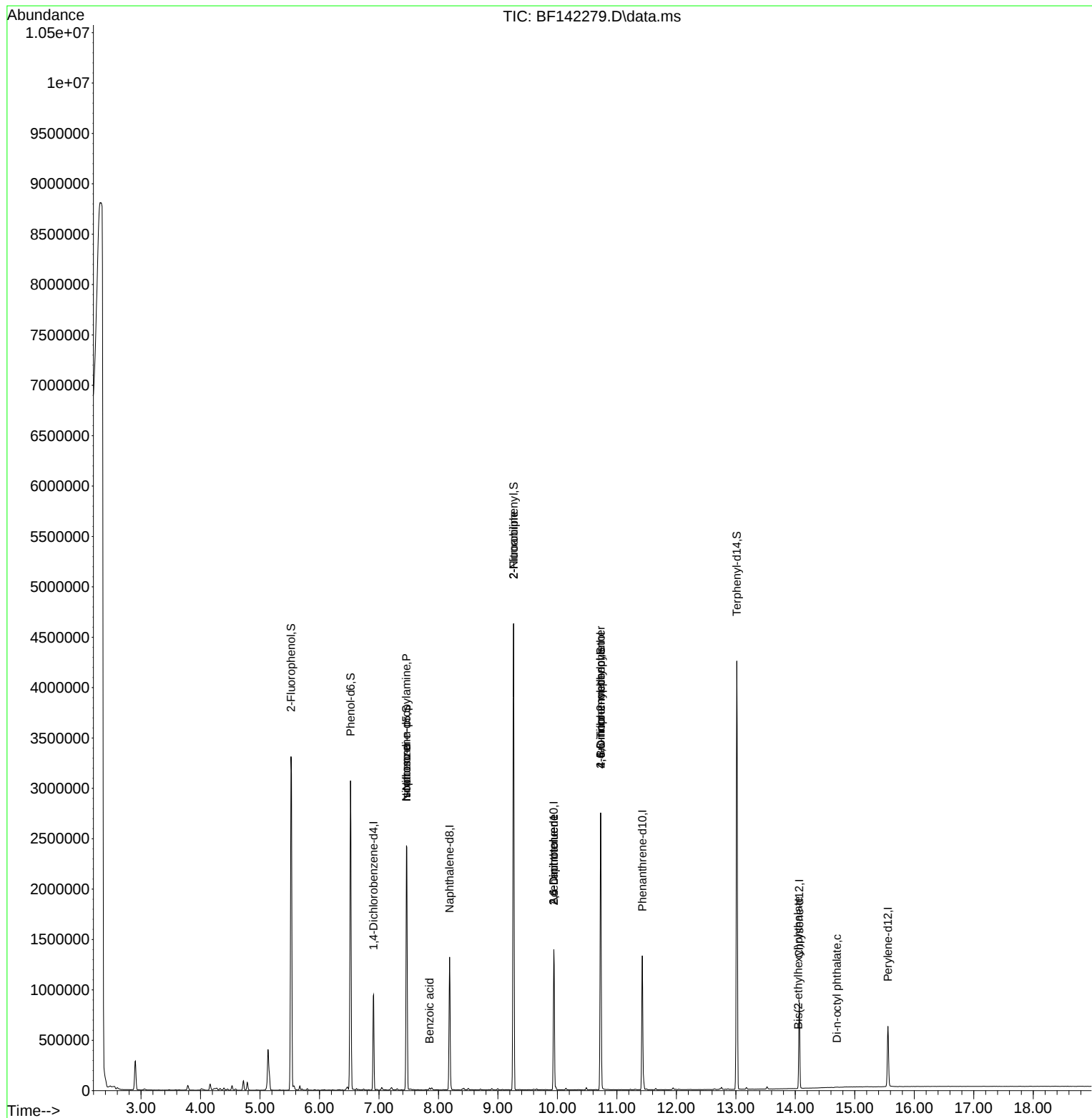
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	207050	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	786560	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	402861	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	662438	20.000	ng	0.00
76) Chrysene-d12	14.068	240	411304	20.000	ng	0.00
86) Perylene-d12	15.557	264	344110	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1304723	100.639	ng	0.00
7) Phenol-d6	6.522	99	1455008	92.939	ng	0.00
23) Nitrobenzene-d5	7.463	82	1050218	87.719	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	478989	130.421	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2020679	70.721	ng	0.00
79) Terphenyl-d14	13.016	244	2048893	72.451	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	144125	14.898	ng	# 79
25) Isophorone	7.463	82	1048600	41.732	ng	# 64
32) Benzoic acid	7.851	122	5440	11.507	ng	93
48) 2-Nitroaniline	9.263	65	3325	5.256	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	53072	13.860	ng	# 24
57) 2,4-Dinitrotoluene	9.939	165	53072	12.967	ng	# 23
65) 4,6-Dinitro-2-methylph...	10.727	198	980	10.961	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	29382	3.983	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.051	149	1153	3.529	ng	# 92
85) Di-n-octyl phthalate	14.698	149	55	6.070	ng	# 1

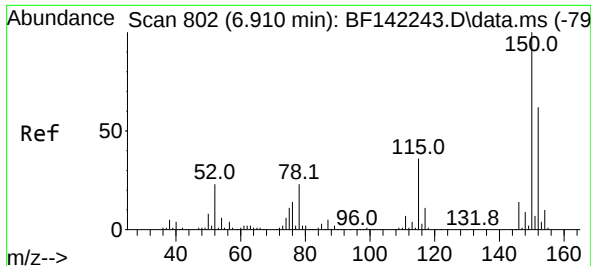
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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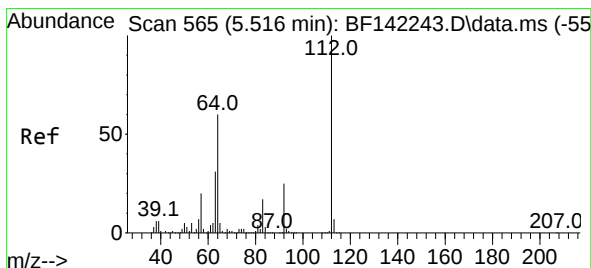
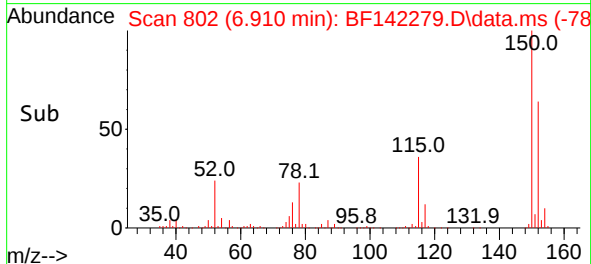
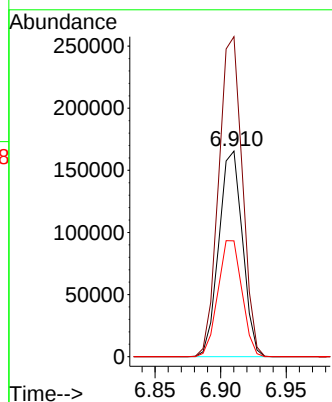
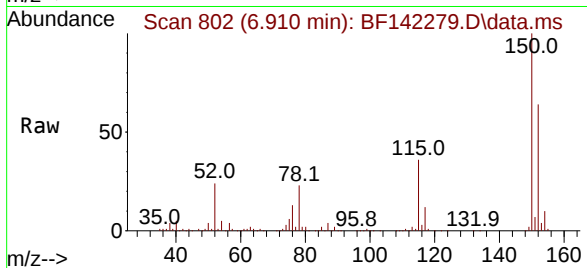




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 802
 Delta R.T. 0.000 min
 Lab File: BF142279.D
 Acq: 02 May 2025 13:24

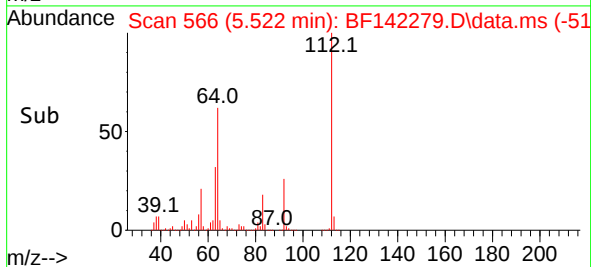
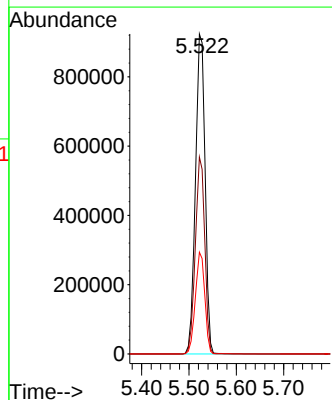
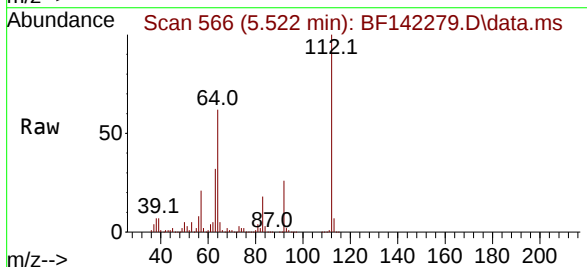
Instrument :
 BNA_F
 ClientSampleId :
 B-170-SB01

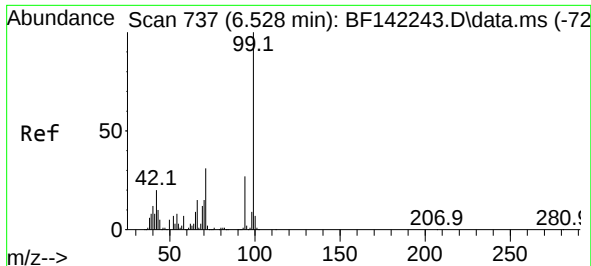
Tgt Ion:152 Resp: 207050
 Ion Ratio Lower Upper
 152 100
 150 155.6 130.2 195.2
 115 56.4 47.0 70.4



#5
 2-Fluorophenol
 Concen: 100.639 ng
 RT: 5.522 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: BF142279.D
 Acq: 02 May 2025 13:24

Tgt Ion:112 Resp: 1304723
 Ion Ratio Lower Upper
 112 100
 64 61.5 48.4 72.6
 63 31.8 24.8 37.2

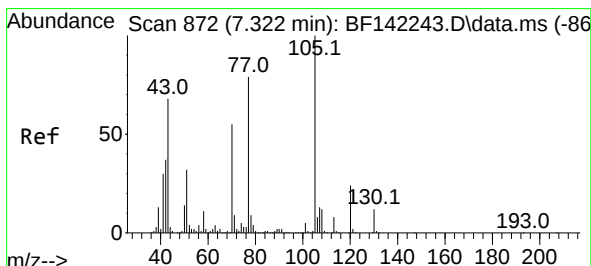
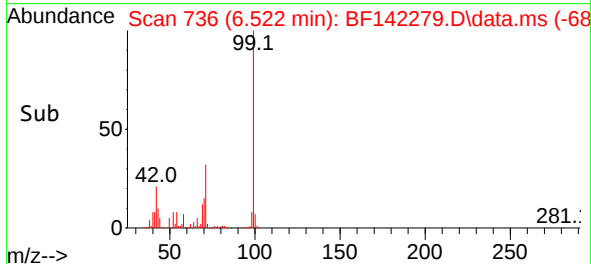
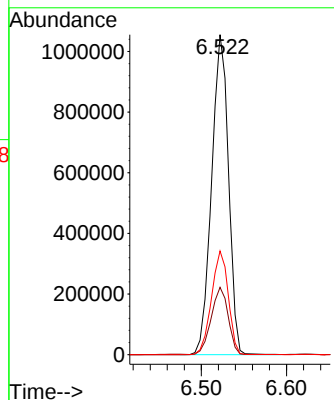
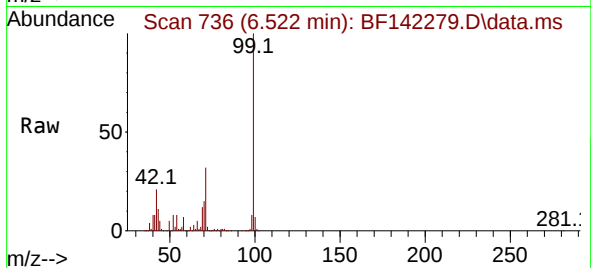




#7
Phenol-d6
Concen: 92.939 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142279.D
Acq: 02 May 2025 13:24

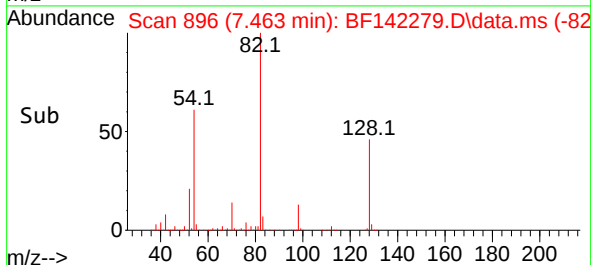
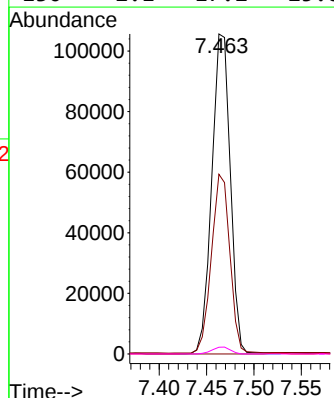
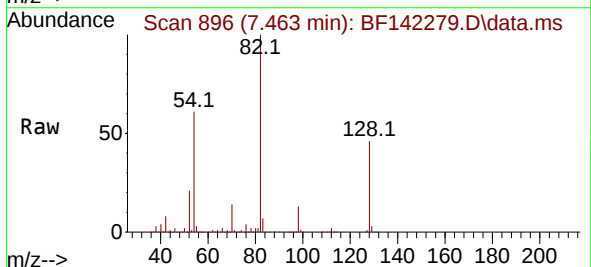
Instrument :
BNA_F
ClientSampleId :
B-170-SB01

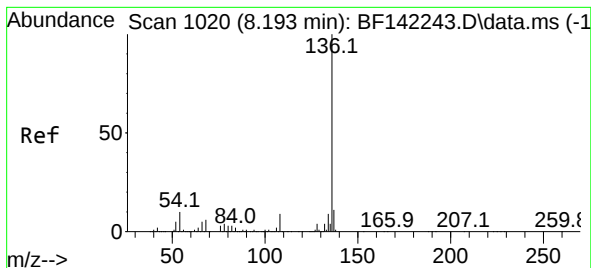
Tgt Ion: 99 Resp: 1455008
Ion Ratio Lower Upper
99 100
42 21.1 16.3 24.5
71 32.4 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.898 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF142279.D
Acq: 02 May 2025 13:24

Tgt Ion: 70 Resp: 144125
Ion Ratio Lower Upper
70 100
42 56.2 53.4 80.2
101 0.0 7.7 11.5#
130 2.1 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: BF142279.D

Acq: 02 May 2025 13:24

Instrument :

BNA_F

ClientSampleId :

B-170-SB01

Tgt Ion:136 Resp: 786560

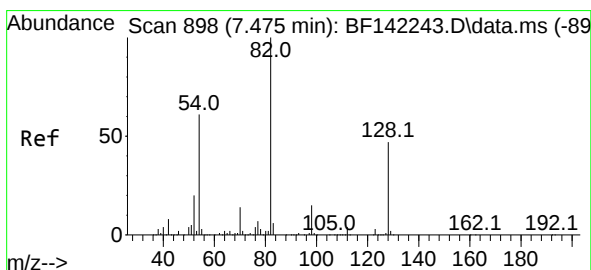
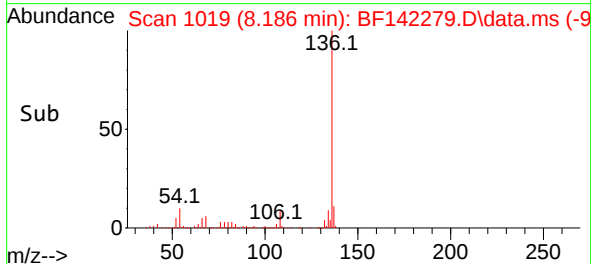
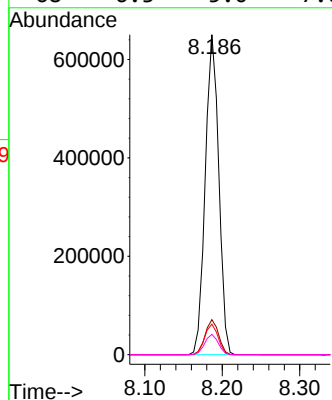
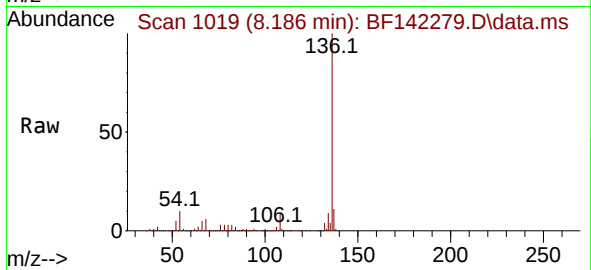
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.6 7.7 11.5

68 6.3 5.0 7.6



#23

Nitrobenzene-d5

Concen: 87.719 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142279.D

Acq: 02 May 2025 13:24

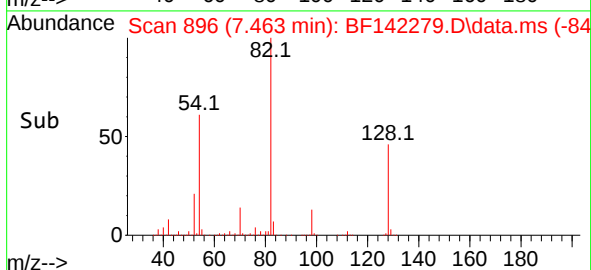
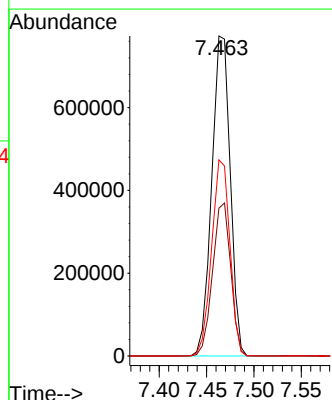
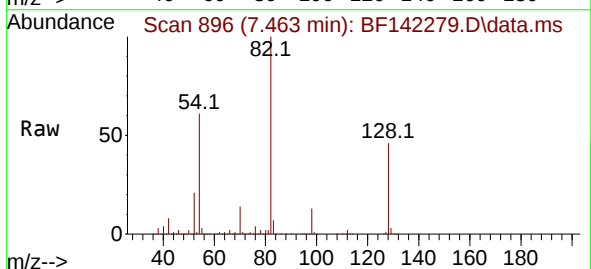
Tgt Ion: 82 Resp: 1050218

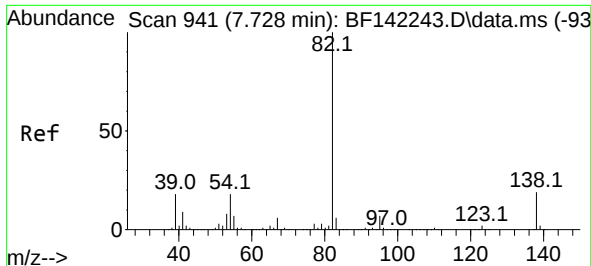
Ion Ratio Lower Upper

82 100

128 46.2 37.0 55.6

54 61.3 48.0 72.0

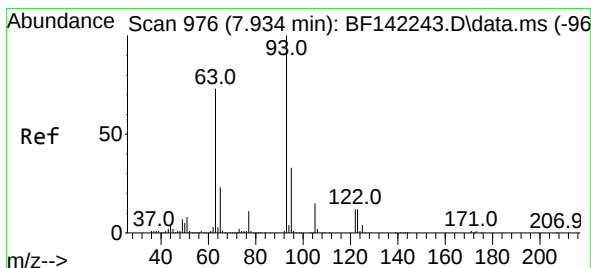
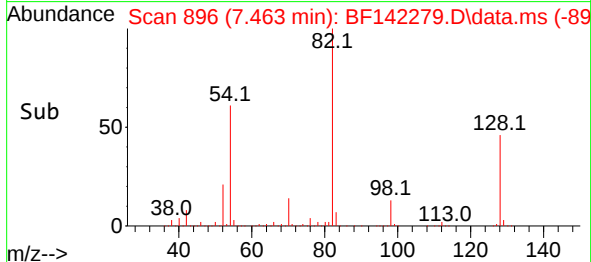
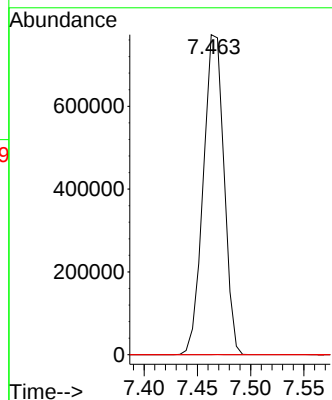
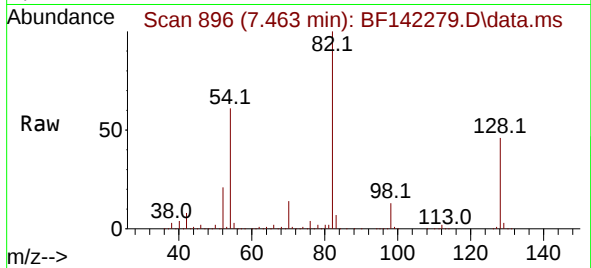




#25
Isophorone
Concen: 41.732 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142279.D
Acq: 02 May 2025 13:24

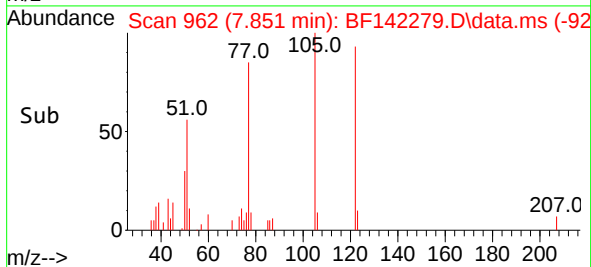
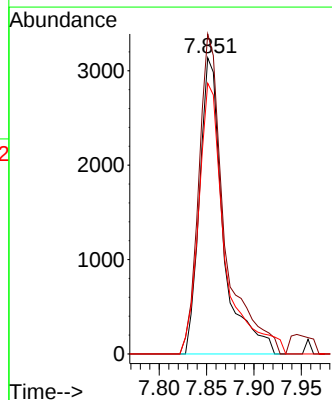
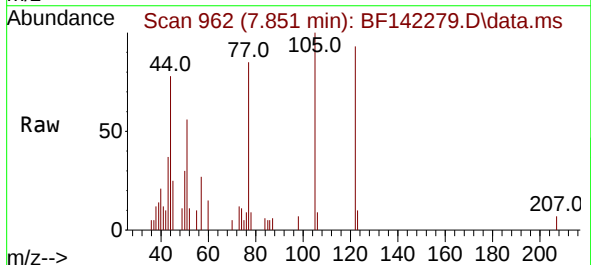
Instrument :
BNA_F
ClientSampleId :
B-170-SB01

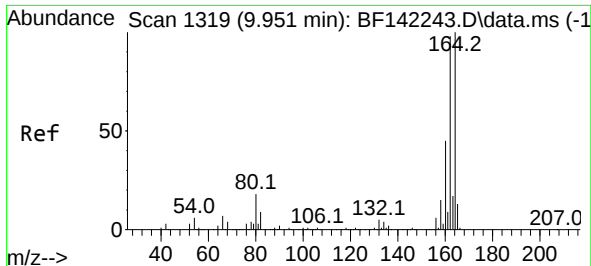
Tgt Ion: 82 Resp: 1048600
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.3 22.9#



#32
Benzoic acid
Concen: 11.507 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.083 min
Lab File: BF142279.D
Acq: 02 May 2025 13:24

Tgt Ion:122 Resp: 5440
Ion Ratio Lower Upper
122 100
105 108.0 98.2 138.2
77 91.4 66.8 106.8

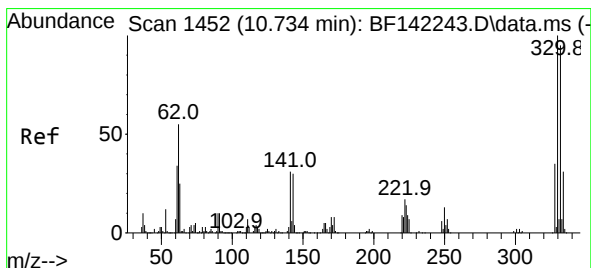
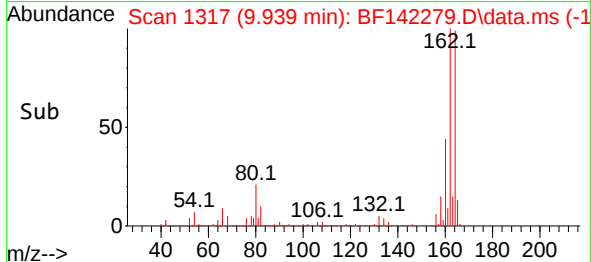
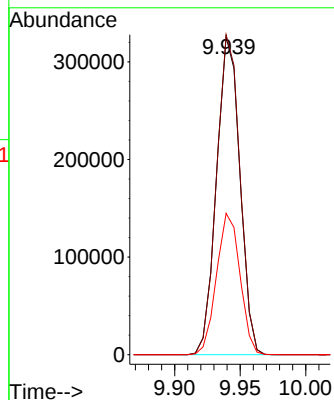
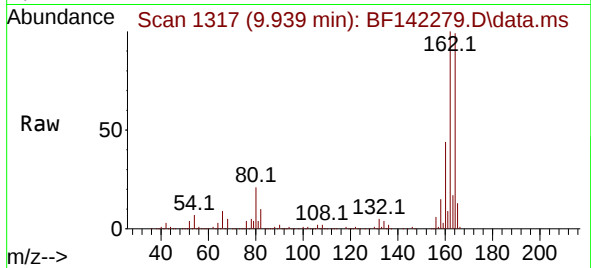




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142279.D
Acq: 02 May 2025 13:24

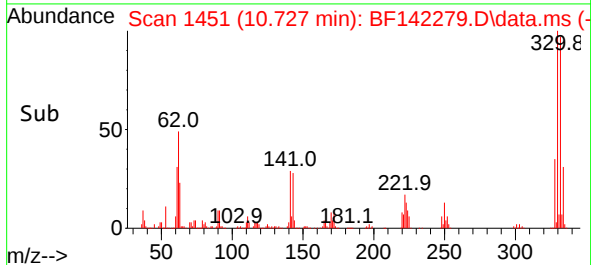
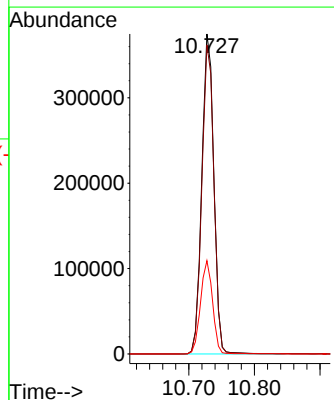
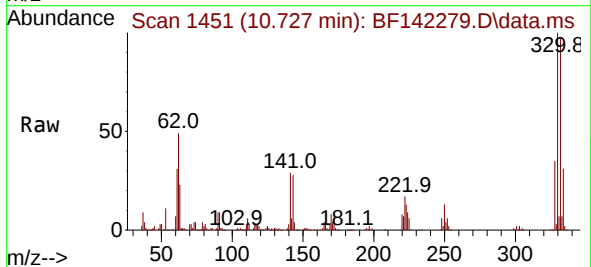
Instrument :
BNA_F
ClientSampleId :
B-170-SB01

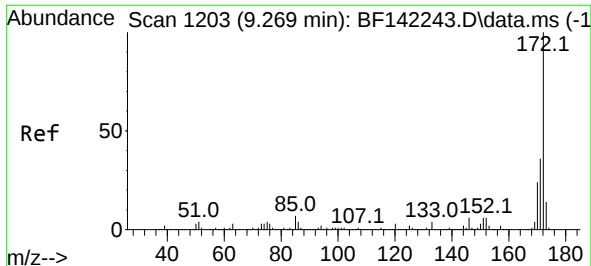
Tgt Ion:164 Resp: 402861
Ion Ratio Lower Upper
164 100
162 100.7 78.6 117.8
160 44.5 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 130.421 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142279.D
Acq: 02 May 2025 13:24

Tgt Ion:330 Resp: 478989
Ion Ratio Lower Upper
330 100
332 96.9 76.5 114.7
141 29.2 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 70.721 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142279.D

Acq: 02 May 2025 13:24

Instrument :

BNA_F

ClientSampleId :

B-170-SB01

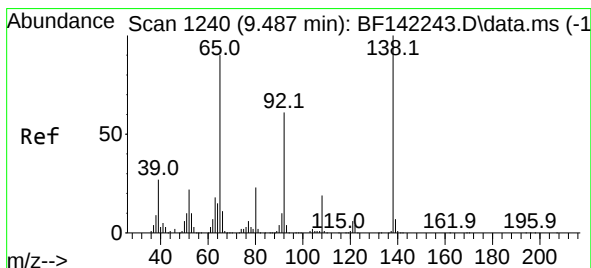
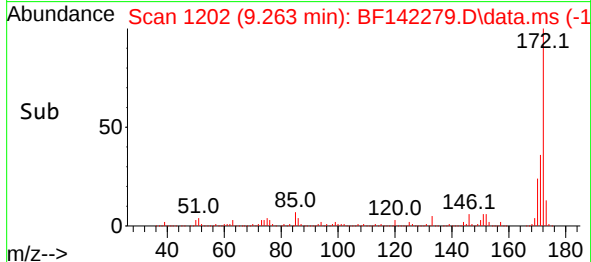
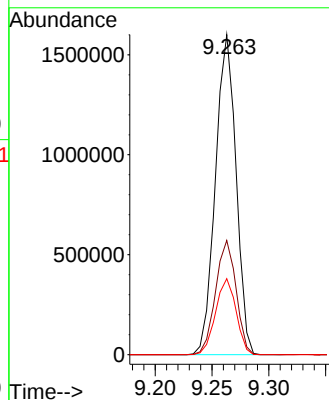
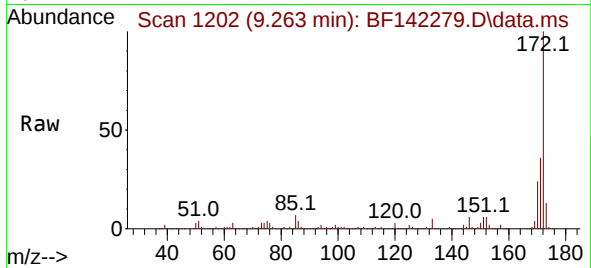
Tgt Ion:172 Resp: 2020679

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.4

170 23.8 19.4 29.0



#48

2-Nitroaniline

Concen: 5.256 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.224 min

Lab File: BF142279.D

Acq: 02 May 2025 13:24

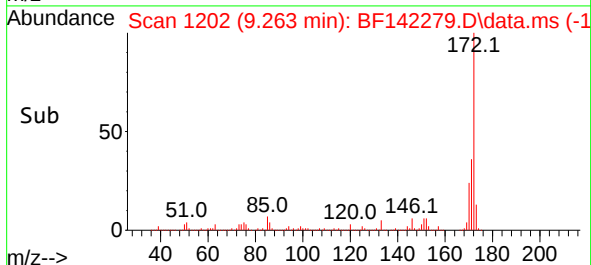
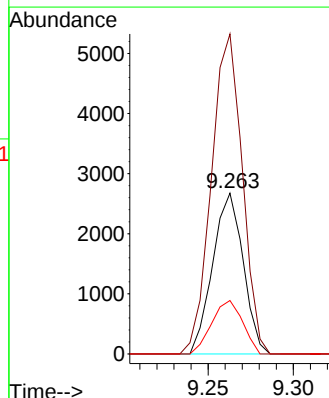
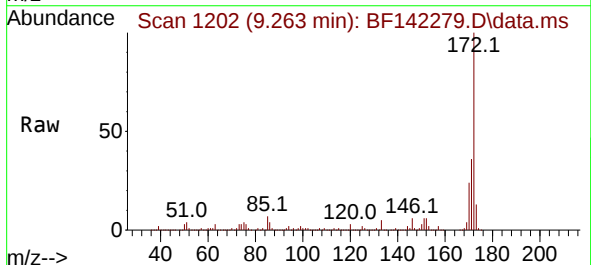
Tgt Ion: 65 Resp: 3325

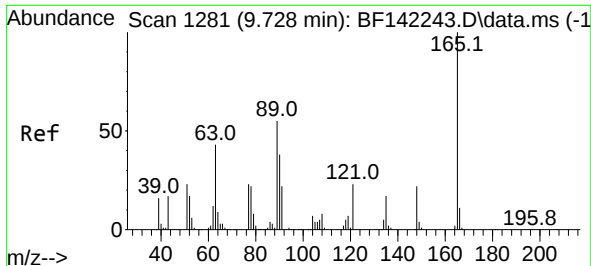
Ion Ratio Lower Upper

65 100

92 199.0 54.3 81.5#

138 33.3 88.6 133.0#

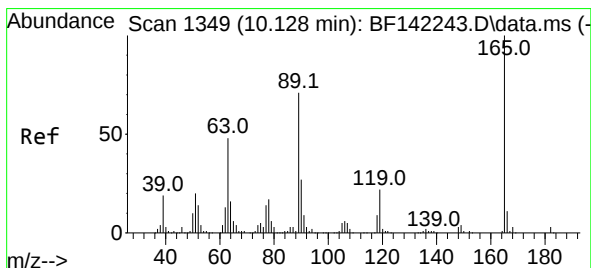
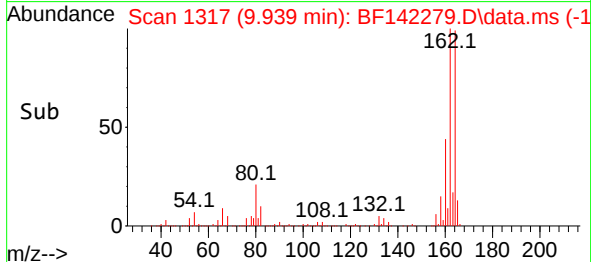
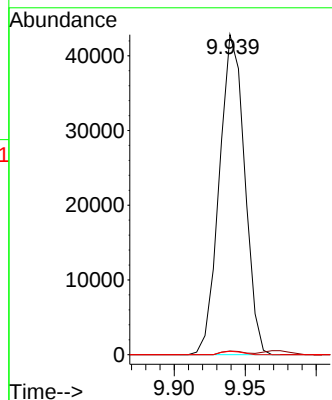
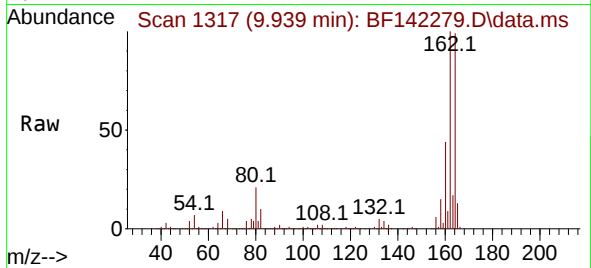




#51
2,6-Dinitrotoluene
Concen: 13.860 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF142279.D
Acq: 02 May 2025 13:24

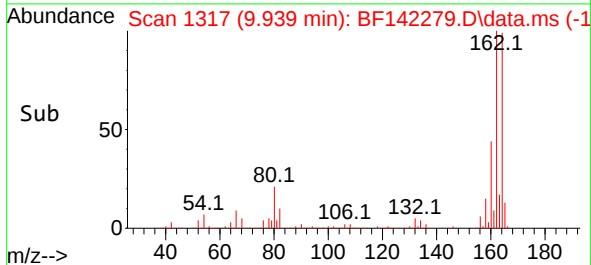
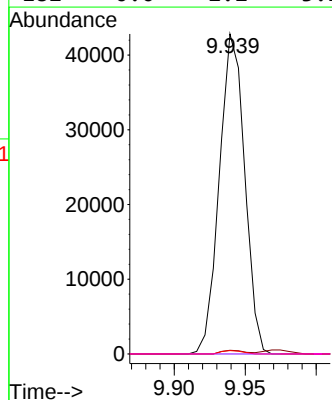
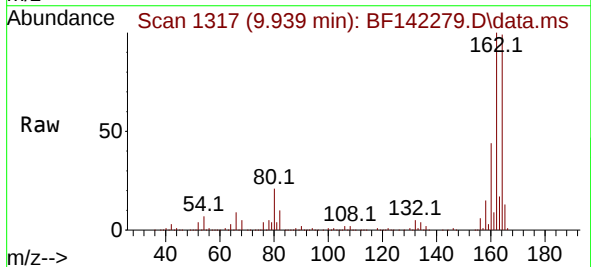
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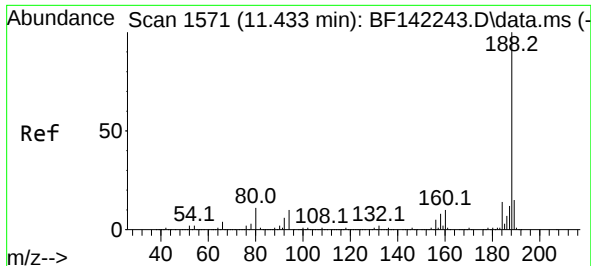
Tgt Ion:165 Resp: 53072
Ion Ratio Lower Upper
165 100
63 1.1 48.5 72.7#
89 1.0 43.9 65.9#



#57
2,4-Dinitrotoluene
Concen: 12.967 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.189 min
Lab File: BF142279.D
Acq: 02 May 2025 13:24

Tgt Ion:165 Resp: 53072
Ion Ratio Lower Upper
165 100
63 1.1 38.8 58.2#
89 1.0 57.1 85.7#
182 0.0 2.2 3.2#

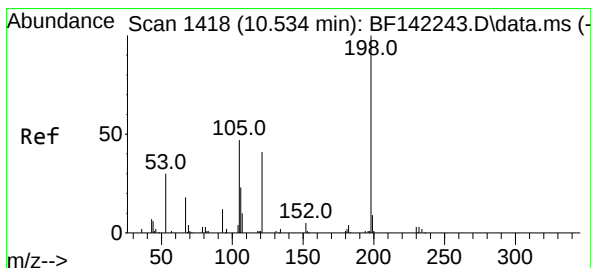
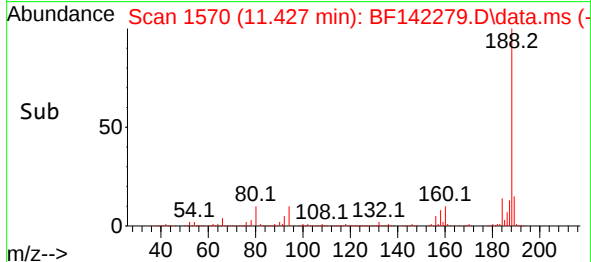
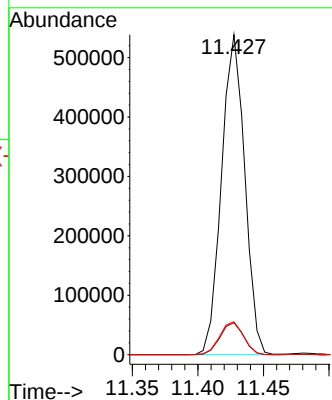
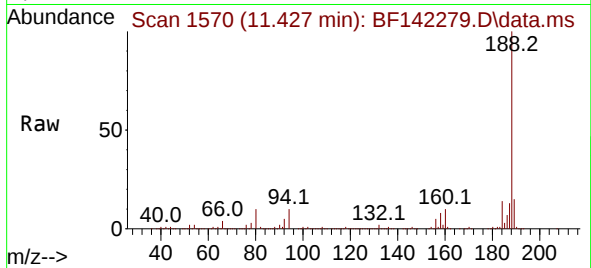




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142279.D
Acq: 02 May 2025 13:24

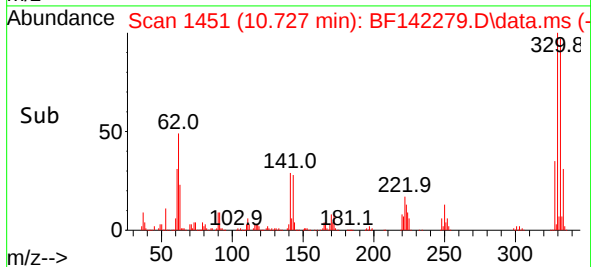
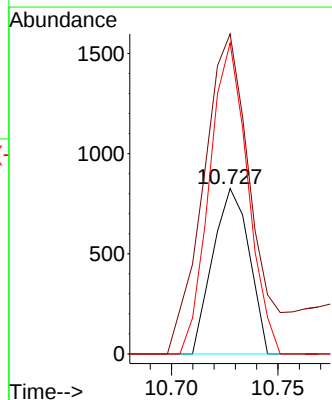
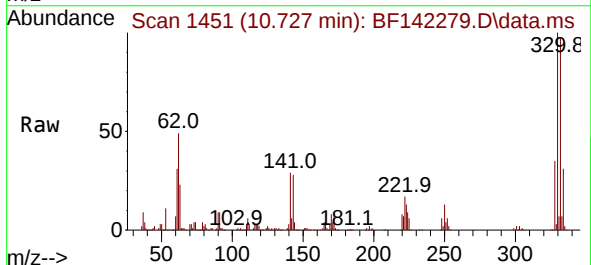
Instrument :
BNA_F
ClientSampleId :
B-170-SB01

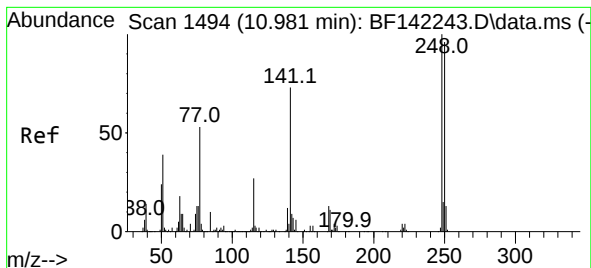
Tgt Ion:188 Resp: 662438
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 10.3 8.6 12.8



#65
4,6-Dinitro-2-methylphenol
Concen: 10.961 ng
RT: 10.727 min Scan# 1451
Delta R.T. 0.193 min
Lab File: BF142279.D
Acq: 02 May 2025 13:24

Tgt Ion:198 Resp: 980
Ion Ratio Lower Upper
198 100
51 193.3 40.6 80.6#
105 187.9 29.2 69.2#

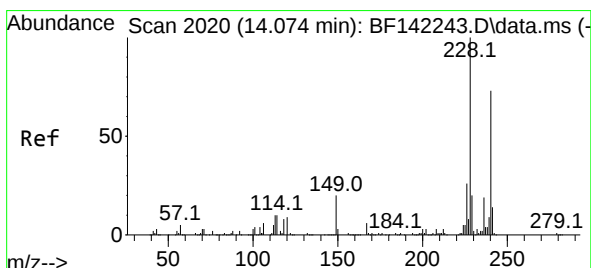
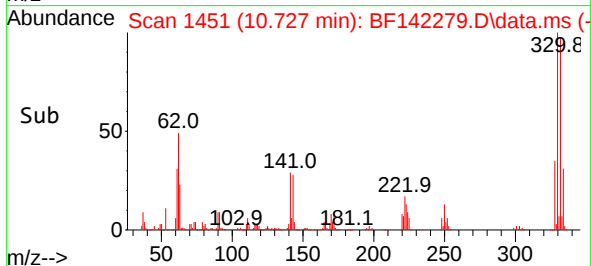
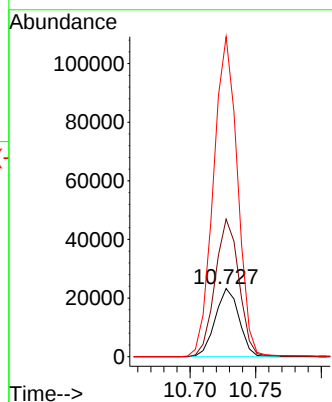
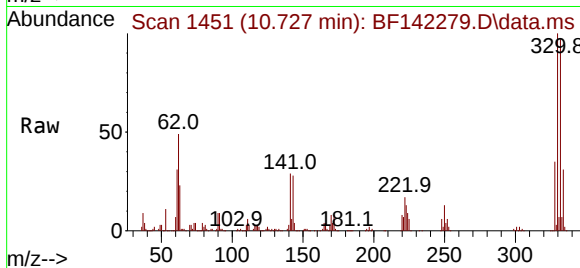




#67
4-Bromophenyl-phenylether
Concen: 3.983 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF142279.D
Acq: 02 May 2025 13:24

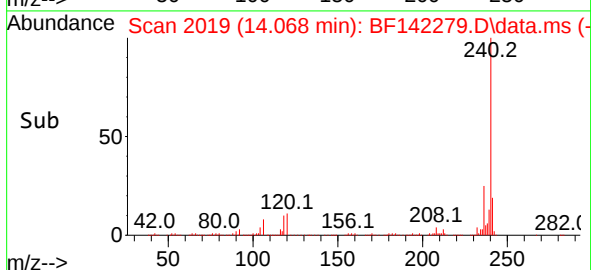
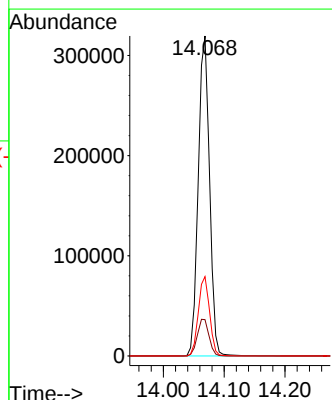
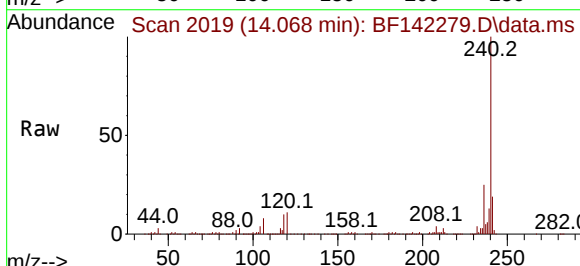
Instrument :
BNA_F
ClientSampleId :
B-170-SB01

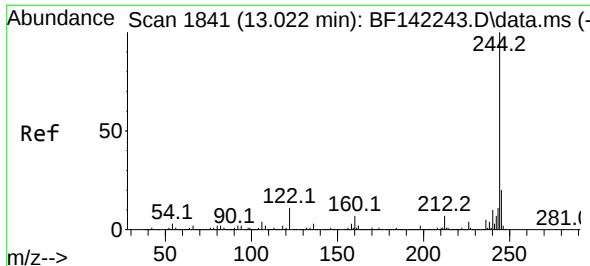
Tgt Ion:248 Resp: 29382
Ion Ratio Lower Upper
248 100
250 202.0 77.2 115.8#
141 469.8 58.4 87.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142279.D
Acq: 02 May 2025 13:24

Tgt Ion:240 Resp: 411304
Ion Ratio Lower Upper
240 100
120 11.4 10.1 15.1
236 24.8 20.5 30.7

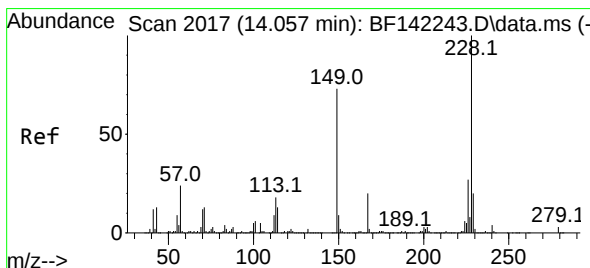
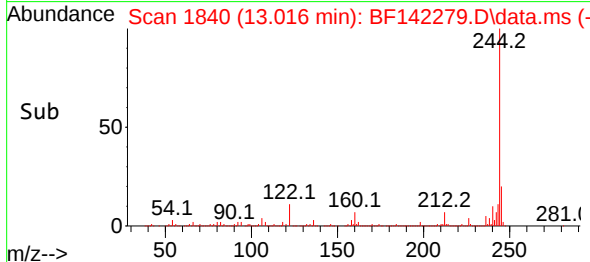
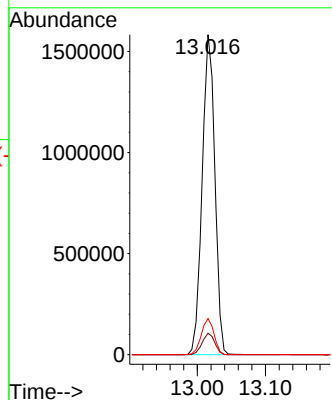
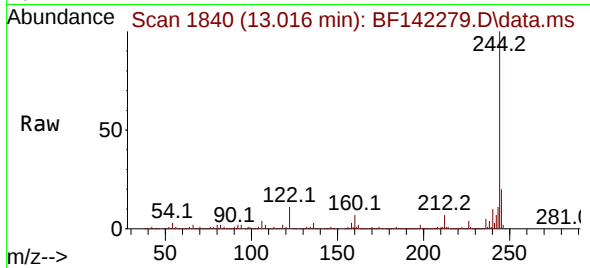




#79
 Terphenyl-d14
 Concen: 72.451 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142279.D
 Acq: 02 May 2025 13:24

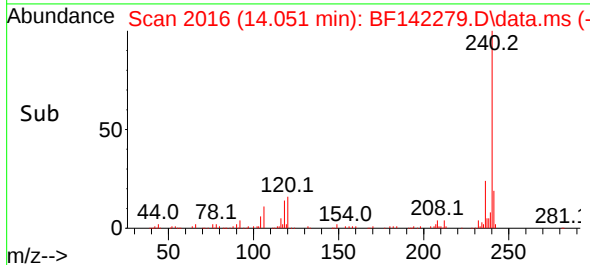
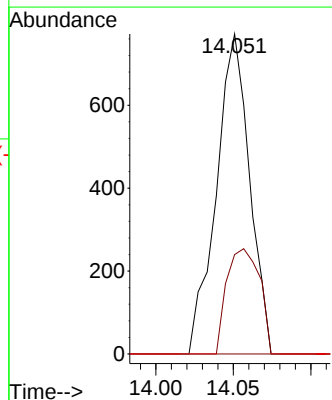
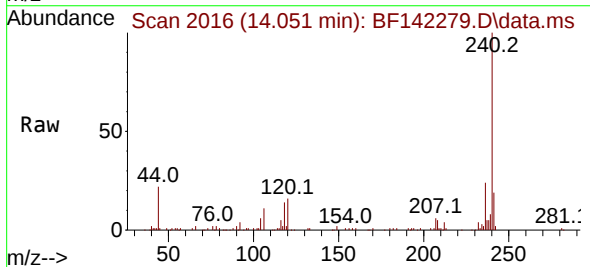
Instrument :
 BNA_F
 ClientSampleId :
 B-170-SB01

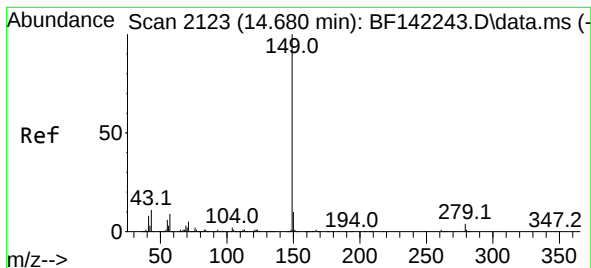
Tgt Ion:244 Resp: 2048893
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 11.3 9.1 13.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.529 ng
 RT: 14.051 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: BF142279.D
 Acq: 02 May 2025 13:24

Tgt Ion:149 Resp: 1153
 Ion Ratio Lower Upper
 149 100
 167 31.1 21.7 32.5
 279 0.0 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 6.070 ng

RT: 14.698 min Scan# 2126

Delta R.T. 0.018 min

Lab File: BF142279.D

Acq: 02 May 2025 13:24

Instrument :

BNA_F

ClientSampleId :

B-170-SB01

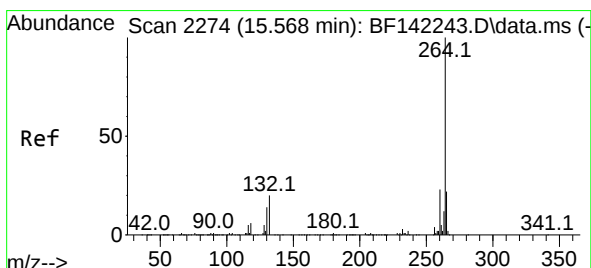
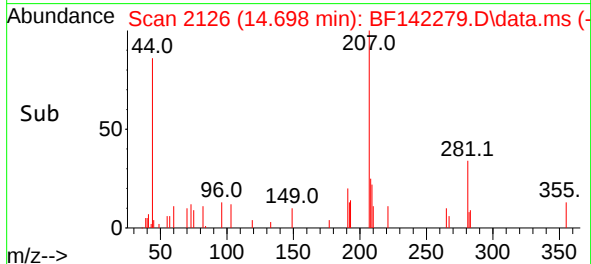
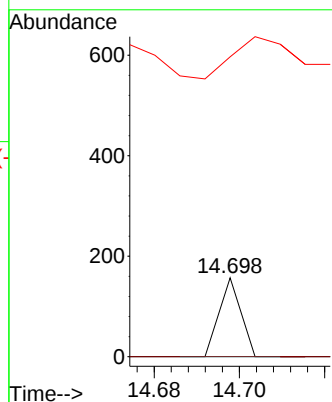
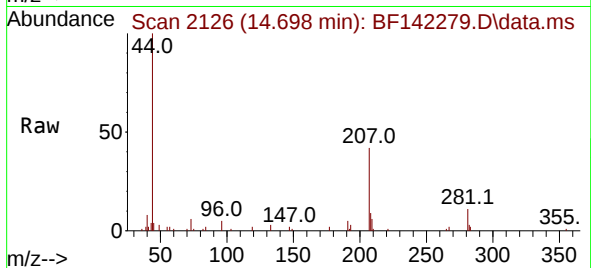
Tgt Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 145.5 9.3 13.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF142279.D

Acq: 02 May 2025 13:24

Tgt Ion:264 Resp: 344110

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 21.1 17.3 25.9

