

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142449.D
 Acq On : 19 May 2025 14:06
 Operator : RC/JU
 Sample : Q2048-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 15:02:25 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)

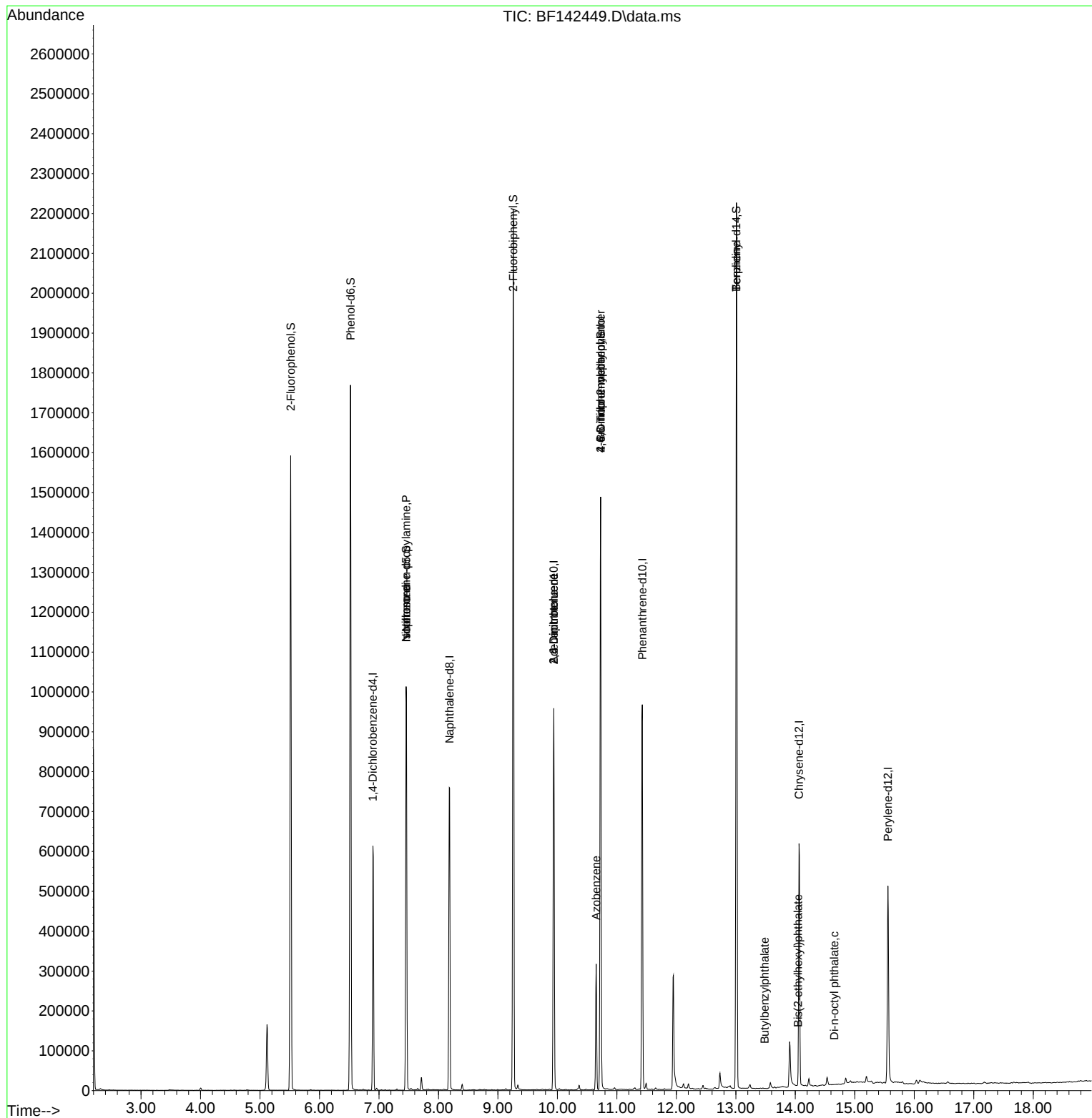
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	135470	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	503846	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	289365	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	515427	20.000	ng	0.00
76) Chrysene-d12	14.063	240	308529	20.000	ng	0.00
86) Perylene-d12	15.557	264	293494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	606783	76.462	ng	0.00
7) Phenol-d6	6.522	99	849648	87.050	ng	0.00
23) Nitrobenzene-d5	7.457	82	436969	52.892	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	267438	95.727	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	987469	48.659	ng	0.00
79) Terphenyl-d14	13.010	244	1081699	51.892	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	58806	9.740	ng	# 74
25) Isophorone	7.457	82	424403	27.128	ng	# 62
51) 2,6-Dinitrotoluene	9.939	165	37823	10.875	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	37823	8.478	ng	# 24
63) Azobenzene	10.651	77	74602	4.207	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.728	198	486	7.357	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	16367	2.802	ng	# 1
77) Benzidine	13.010	184	12770	2.278	ng	# 94
80) Butylbenzylphthalate	13.486	149	58	3.666	ng	# 26
84) Bis(2-ethylhexyl)phtha...	14.045	149	865	4.313	ng	# 95
85) Di-n-octyl phthalate	14.657	149	221	7.850	ng	# 1

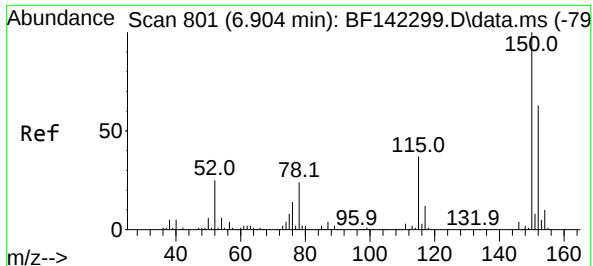
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
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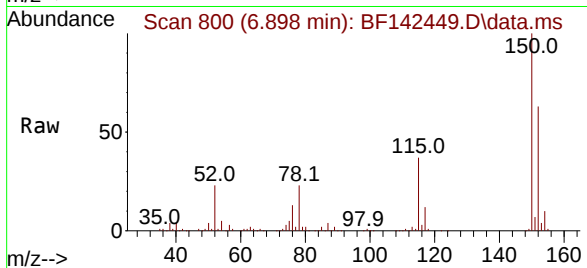
Quant Time: May 19 15:02:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
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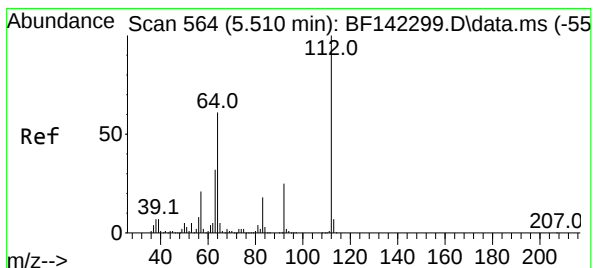
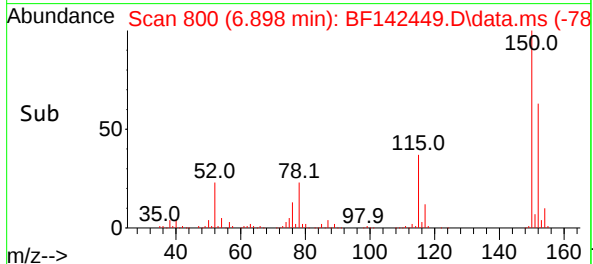
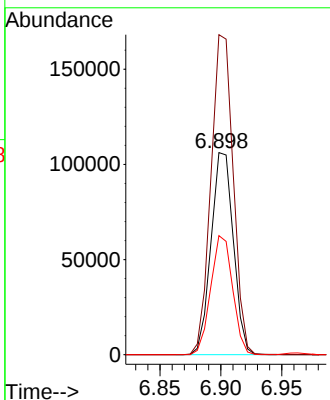


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142449.D
Acq: 19 May 2025 14:06

Instrument :
BNA_F
ClientSampleId :

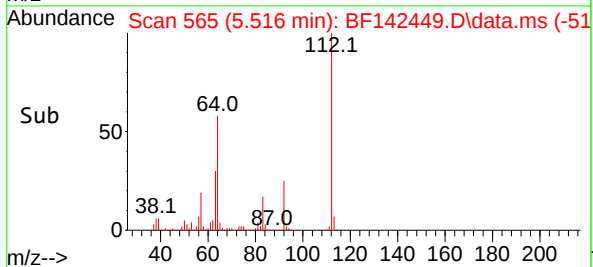
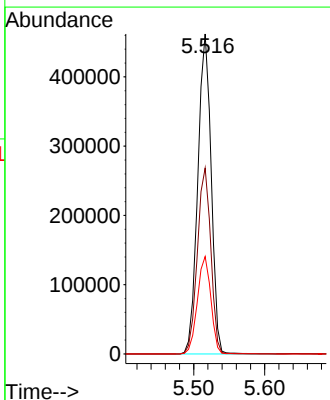
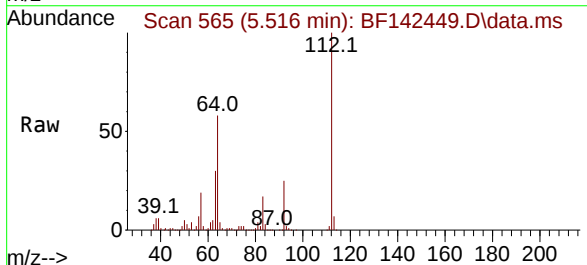


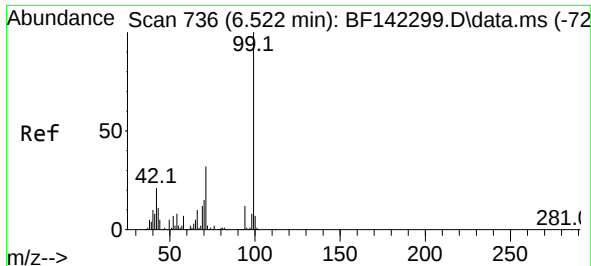
Tgt Ion:152 Resp: 135470
Ion Ratio Lower Upper
152 100
150 158.4 126.6 190.0
115 58.9 47.3 70.9



#5
2-Fluorophenol
Concen: 76.462 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142449.D
Acq: 19 May 2025 14:06

Tgt Ion:112 Resp: 606783
Ion Ratio Lower Upper
112 100
64 58.1 48.9 73.3
63 30.4 25.6 38.4

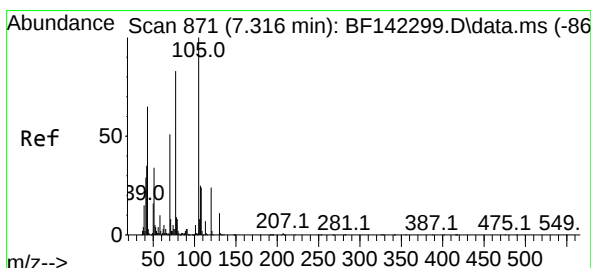
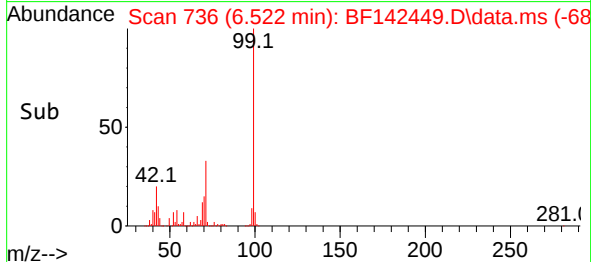
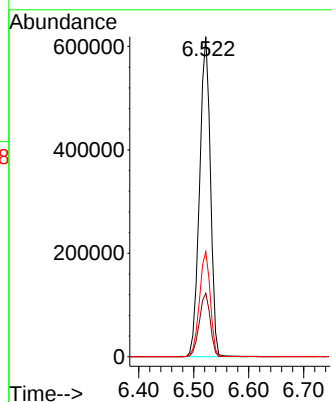
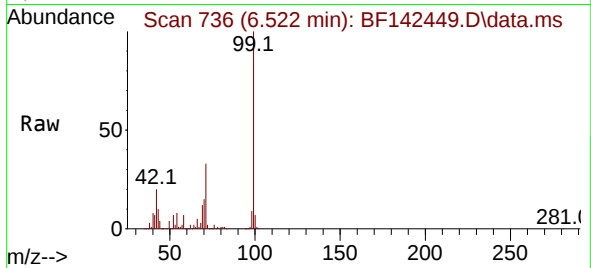




#7
Phenol-d6
Concen: 87.050 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142449.D
Acq: 19 May 2025 14:06

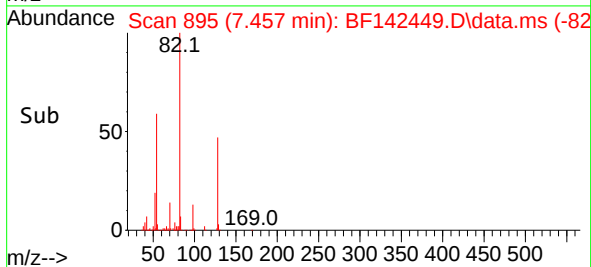
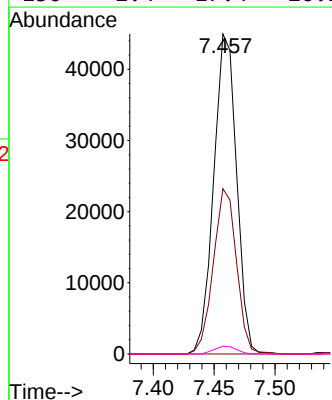
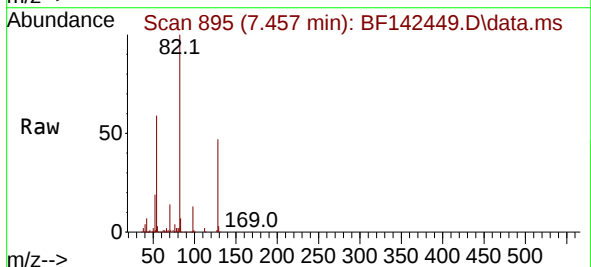
Instrument :
BNA_F
ClientSampleId :

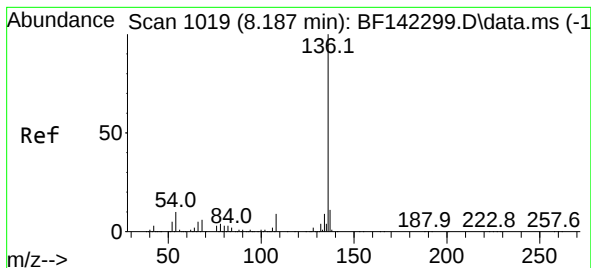
Tgt Ion: 99 Resp: 849648
Ion Ratio Lower Upper
99 100
42 19.8 17.0 25.4
71 32.8 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 9.740 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF142449.D
Acq: 19 May 2025 14:06

Tgt Ion: 70 Resp: 58806
Ion Ratio Lower Upper
70 100
42 51.6 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: 8.187 min Scan# 1019

Delta R.T. -0.000 min

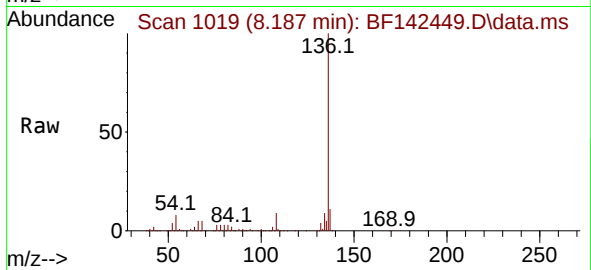
Lab File: BF142449.D

Acq: 19 May 2025 14:06

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 503846

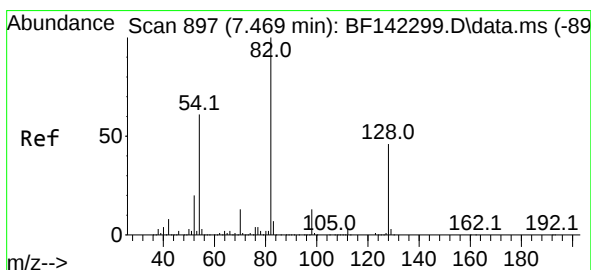
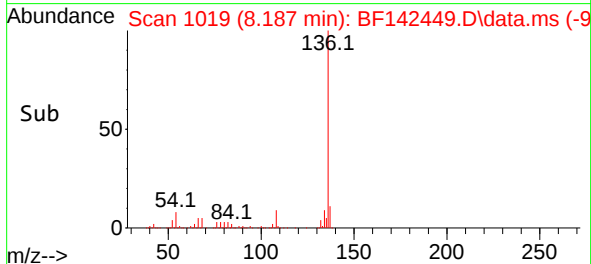
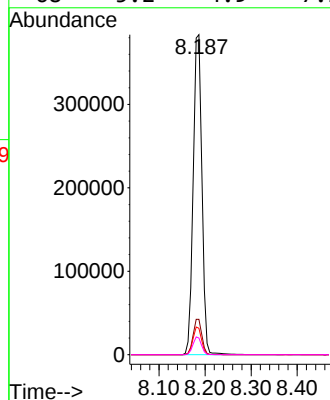
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.2 7.7 11.5

68 5.2 4.9 7.3



#23

Nitrobenzene-d5

Concen: 52.892 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF142449.D

Acq: 19 May 2025 14:06

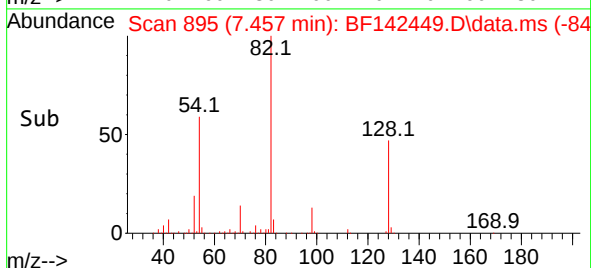
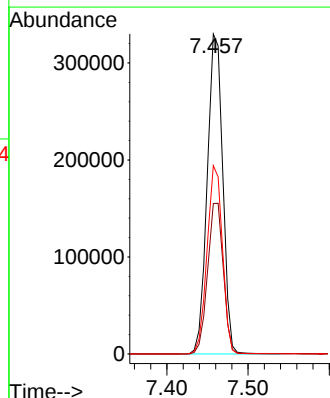
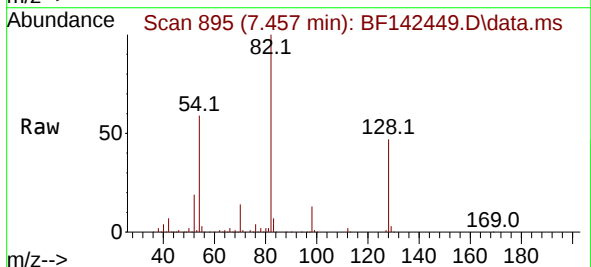
Tgt Ion: 82 Resp: 436969

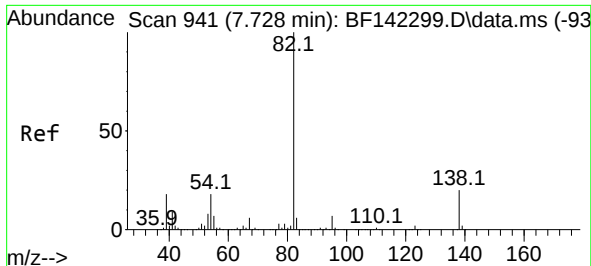
Ion Ratio Lower Upper

82 100

128 47.0 37.0 55.6

54 58.9 48.6 73.0

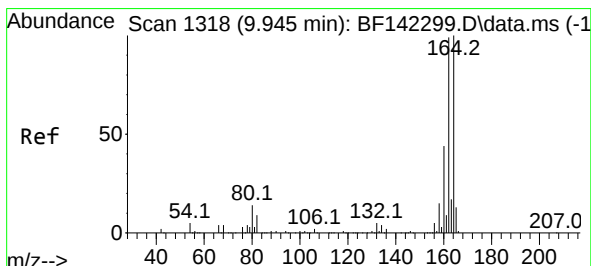
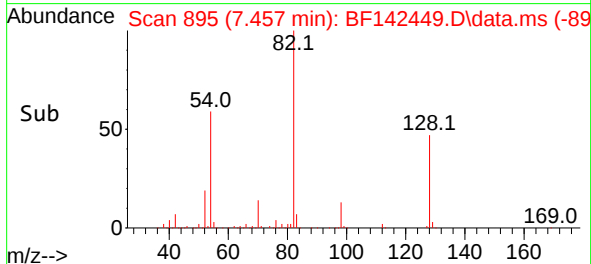
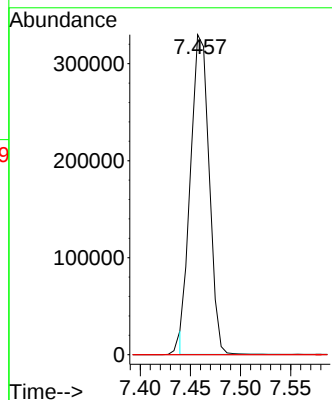
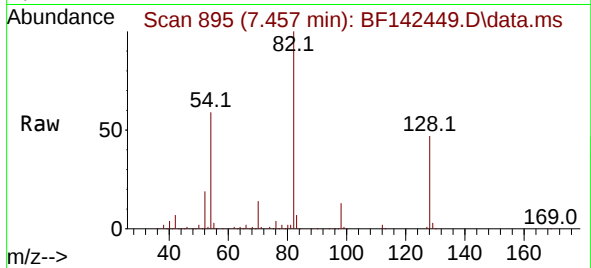




#25
Isophorone
Concen: 27.128 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF142449.D
Acq: 19 May 2025 14:06

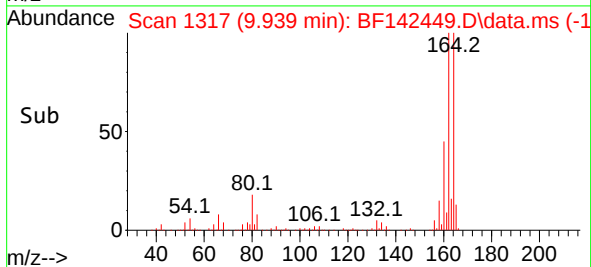
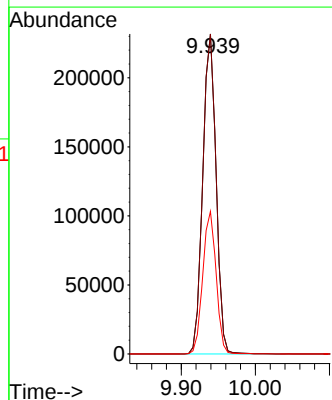
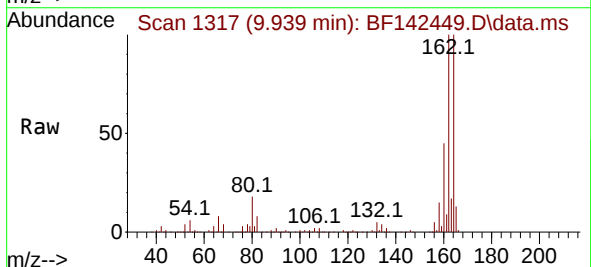
Instrument :
BNA_F
ClientSampleId :

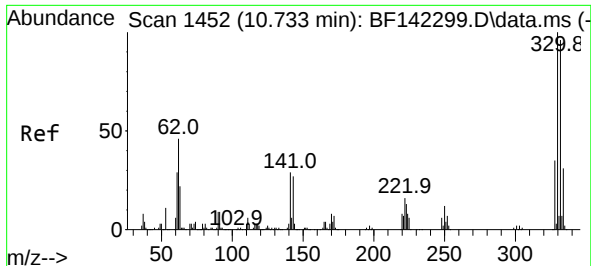
Tgt Ion: 82 Resp: 424403
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142449.D
Acq: 19 May 2025 14:06

Tgt Ion:164 Resp: 289365
Ion Ratio Lower Upper
164 100
162 100.0 79.2 118.8
160 44.6 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 95.727 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.006 min

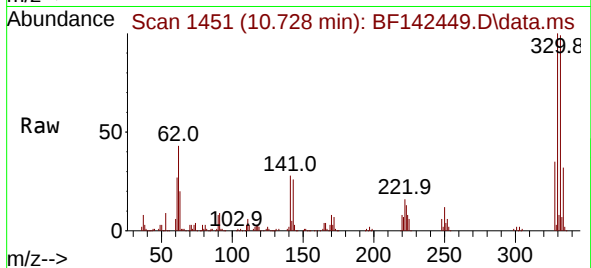
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Acq: 19 May 2025 14:06

Instrument :

BNA_F

ClientSampleId :



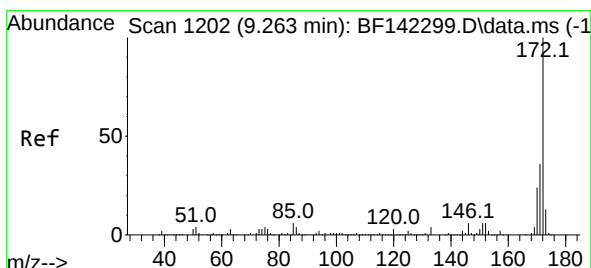
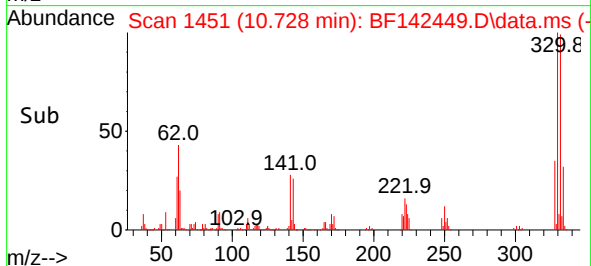
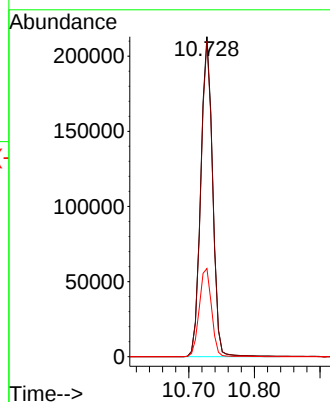
Tgt Ion:330 Resp: 267438

Ion Ratio Lower Upper

330 100

332 98.5 76.8 115.2

141 28.7 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 48.659 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142449.D

Acq: 19 May 2025 14:06

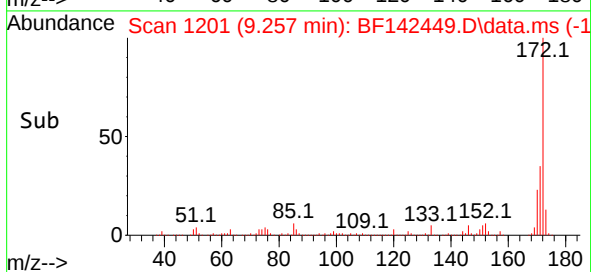
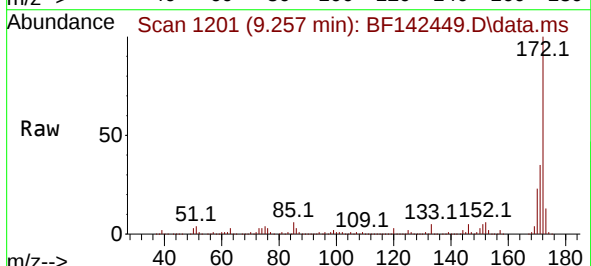
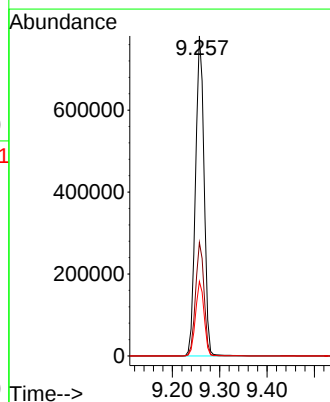
Tgt Ion:172 Resp: 987469

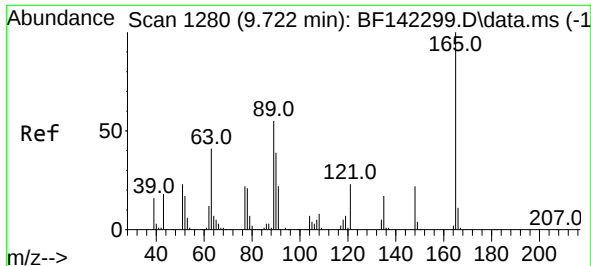
Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.3 19.0 28.4

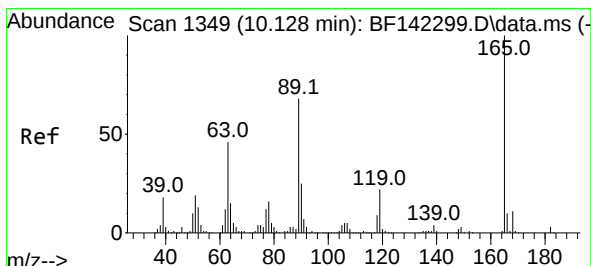
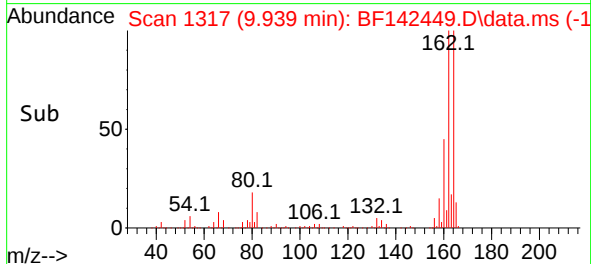
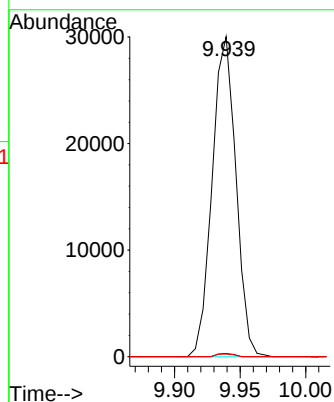
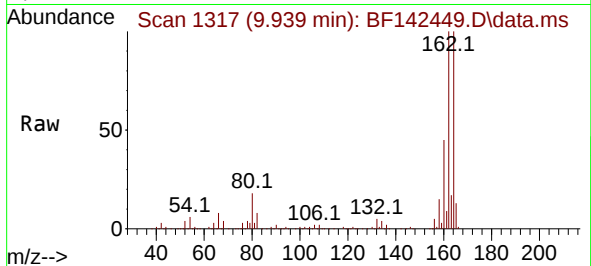




#51
2,6-Dinitrotoluene
Concen: 10.875 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF142449.D
Acq: 19 May 2025 14:06

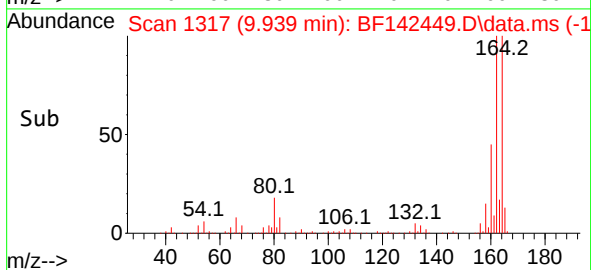
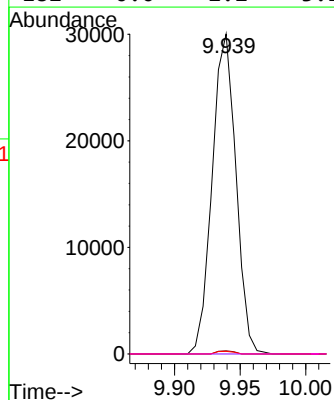
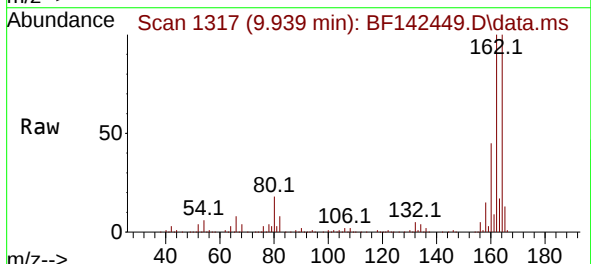
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BNA_F
ClientSampleId :

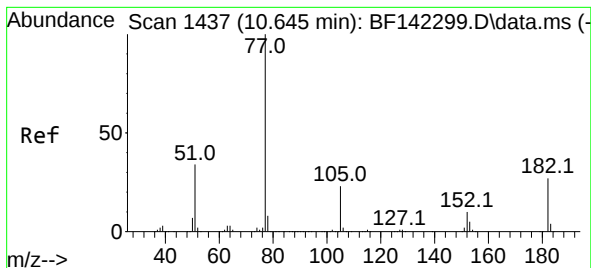
Tgt Ion:165 Resp: 37823
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 0.8 44.6 66.8#



#57
2,4-Dinitrotoluene
Concen: 8.478 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF142449.D
Acq: 19 May 2025 14:06

Tgt Ion:165 Resp: 37823
Ion Ratio Lower Upper
165 100
63 1.0 37.1 55.7#
89 0.8 54.4 81.6#
182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 4.207 ng

RT: 10.651 min Scan# 14

Delta R.T. 0.006 min

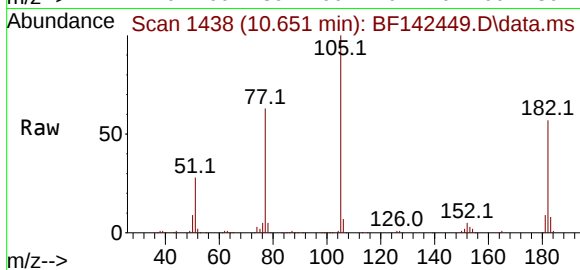
Lab File: BF142449.D

Acq: 19 May 2025 14:06

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 74602

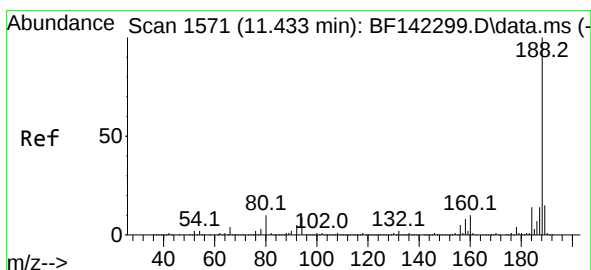
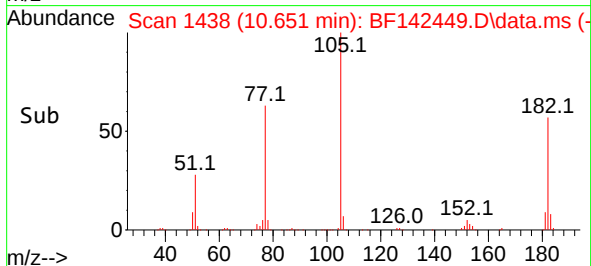
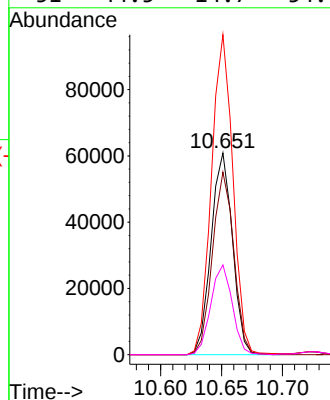
Ion Ratio Lower Upper

77 100

182 90.5 6.9 46.9#

105 158.6 2.7 42.7#

51 44.5 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142449.D

Acq: 19 May 2025 14:06

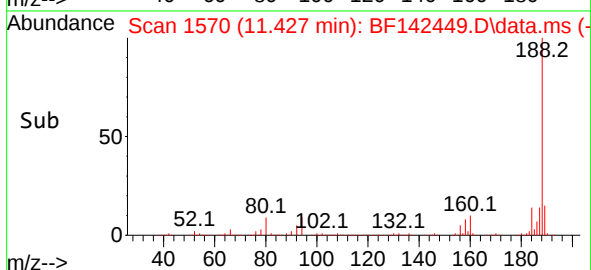
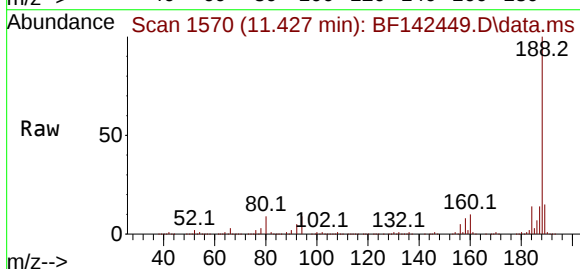
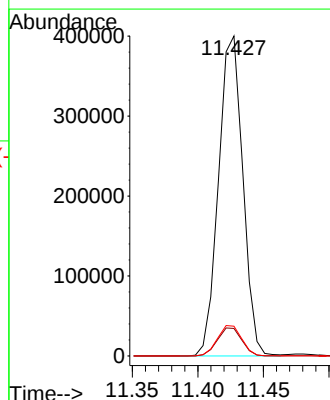
Tgt Ion:188 Resp: 515427

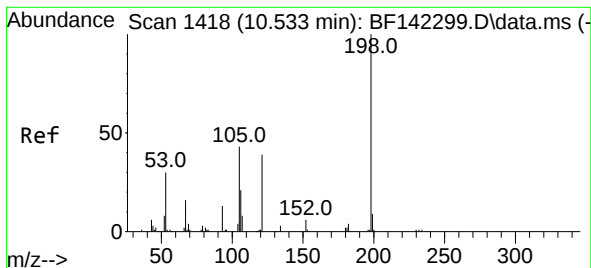
Ion Ratio Lower Upper

188 100

94 8.6 7.5 11.3

80 9.3 7.9 11.9

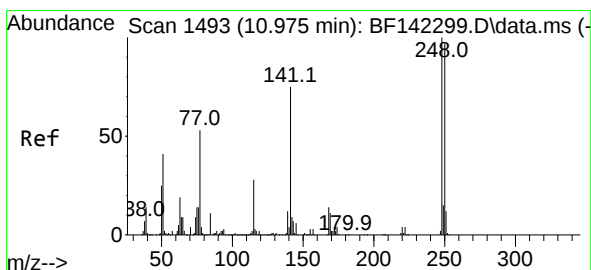
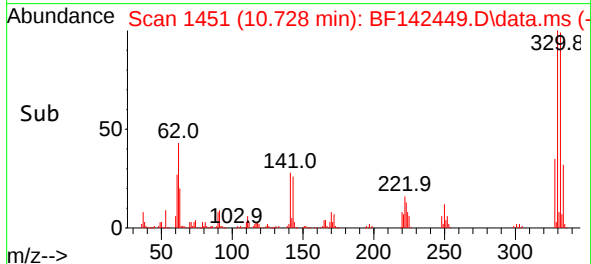
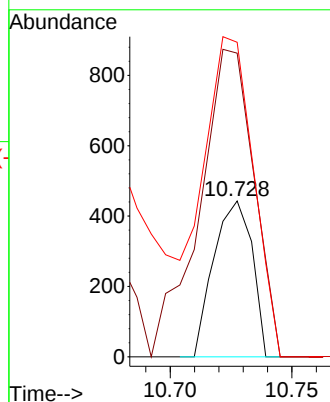
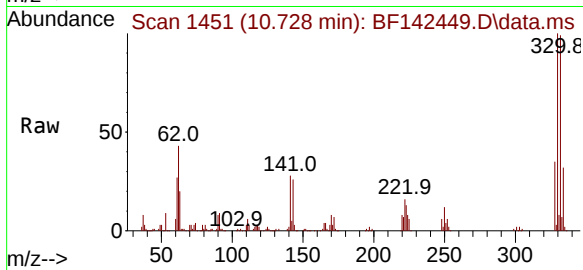




#65
4,6-Dinitro-2-methylphenol
Concen: 7.357 ng
RT: 10.728 min Scan# 1418
Delta R.T. 0.195 min
Lab File: BF142449.D
Acq: 19 May 2025 14:06

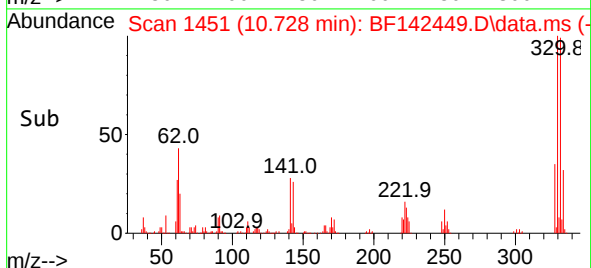
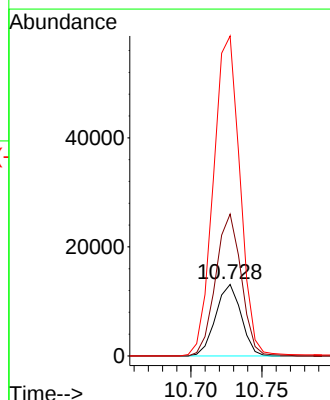
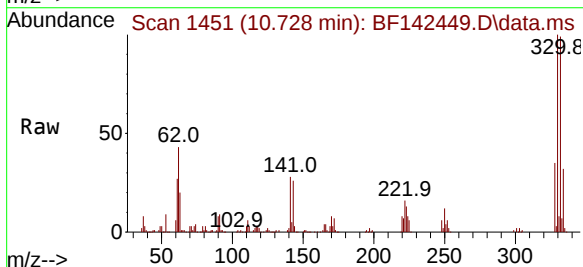
Instrument :
BNA_F
ClientSampleId :

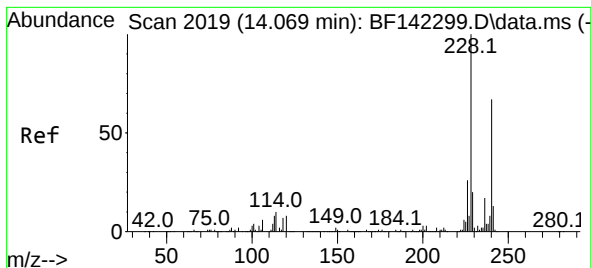
Tgt Ion:198 Resp: 486
Ion Ratio Lower Upper
198 100
51 194.8 32.9 72.9#
105 201.8 23.7 63.7#



#67
4-Bromophenyl-phenylether
Concen: 2.802 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF142449.D
Acq: 19 May 2025 14:06

Tgt Ion:248 Resp: 16367
Ion Ratio Lower Upper
248 100
250 198.3 77.9 116.9#
141 447.1 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: BF142449.D

Acq: 19 May 2025 14:06

Instrument :

BNA_F

ClientSampleId :

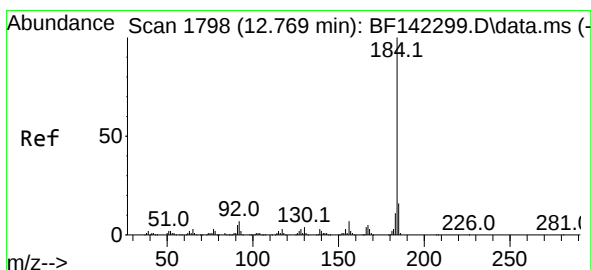
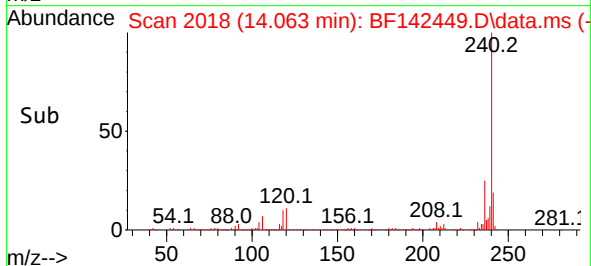
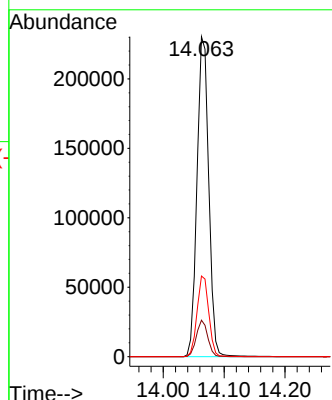
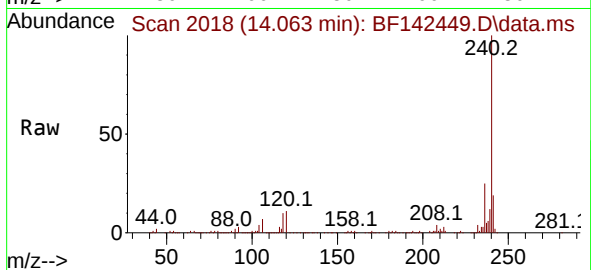
Tgt Ion:240 Resp: 308529

Ion Ratio Lower Upper

240 100

120 11.4 9.7 14.5

236 25.2 20.0 30.0



#77

Benzidine

Concen: 2.278 ng

RT: 13.010 min Scan# 1839

Delta R.T. 0.241 min

Lab File: BF142449.D

Acq: 19 May 2025 14:06

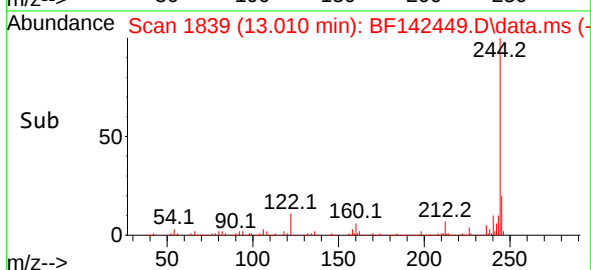
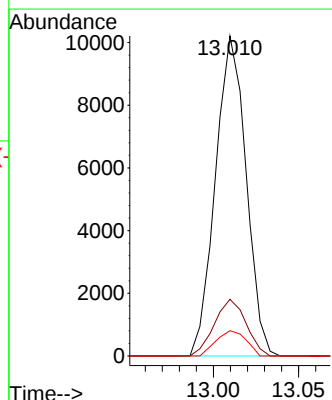
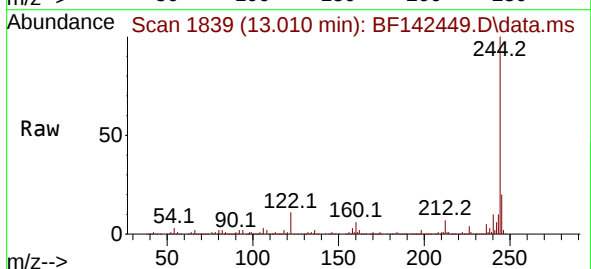
Tgt Ion:184 Resp: 12770

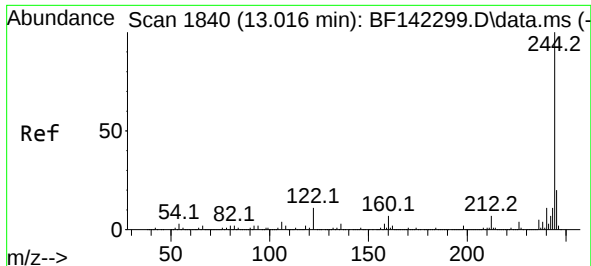
Ion Ratio Lower Upper

184 100

185 17.7 12.6 18.8

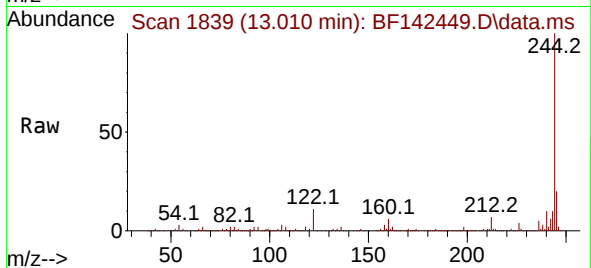
183 7.9 8.6 12.8#



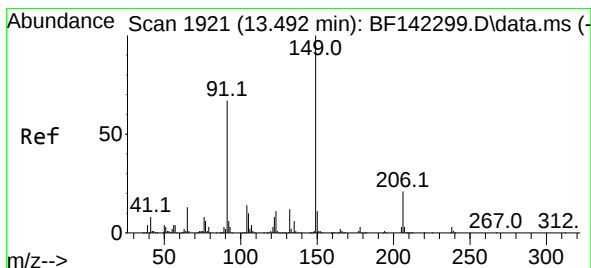
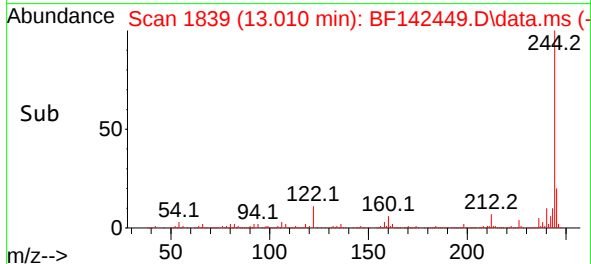
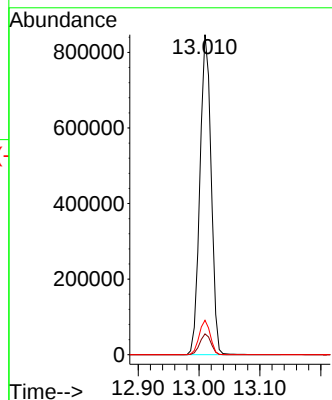


#79
 Terphenyl-d14
 Concen: 51.892 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142449.D
 Acq: 19 May 2025 14:06

Instrument :
 BNA_F
 ClientSampleId :

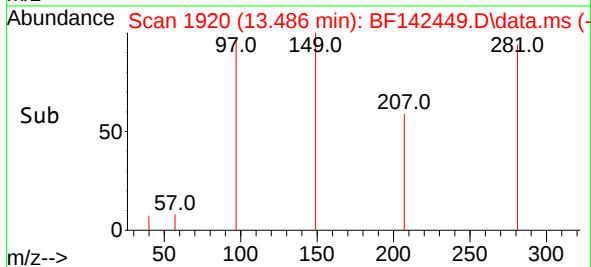
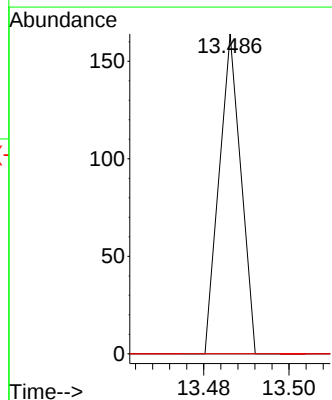
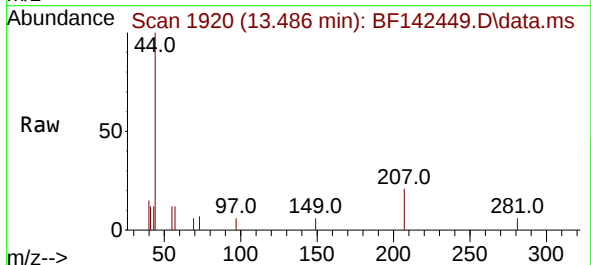


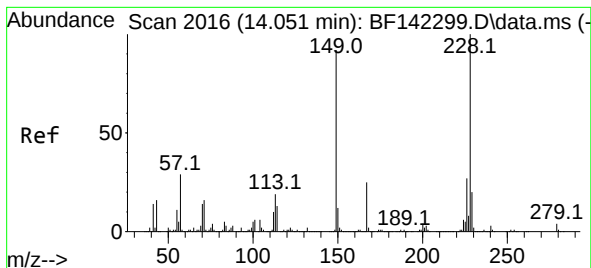
Tgt Ion:244 Resp: 1081699
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.8 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.666 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142449.D
 Acq: 19 May 2025 14:06

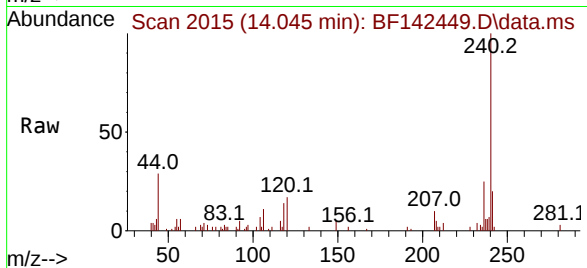
Tgt Ion:149 Resp: 58
 Ion Ratio Lower Upper
 149 100
 91 0.0 53.8 80.6#
 206 0.0 16.6 24.8#



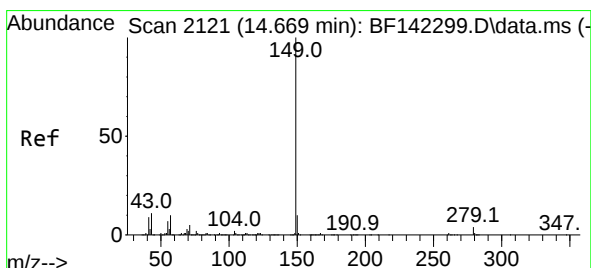
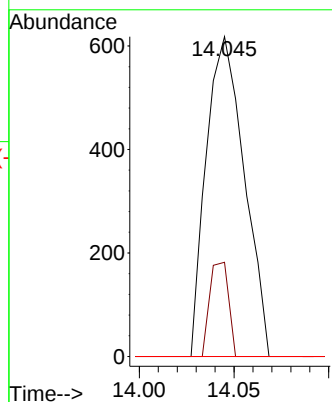
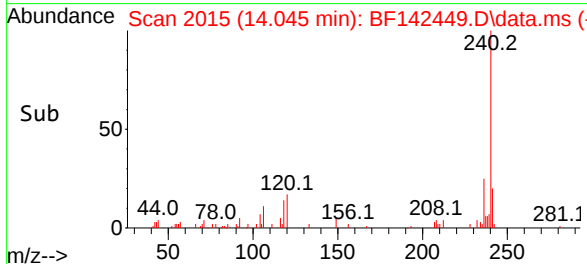


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.313 ng
 RT: 14.045 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: BF142449.D
 Acq: 19 May 2025 14:06

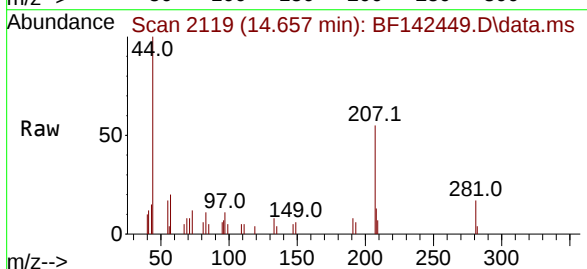
Instrument :
 BNA_F
 ClientSampleId :



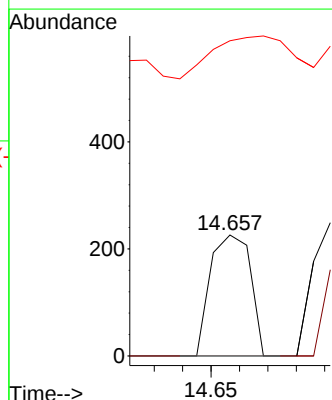
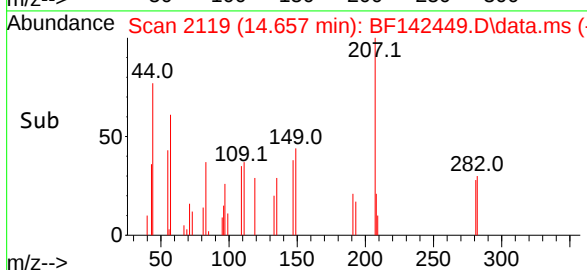
Tgt Ion:149 Resp: 865
 Ion Ratio Lower Upper
 149 100
 167 29.4 22.0 33.0
 279 0.0 3.0 4.6#

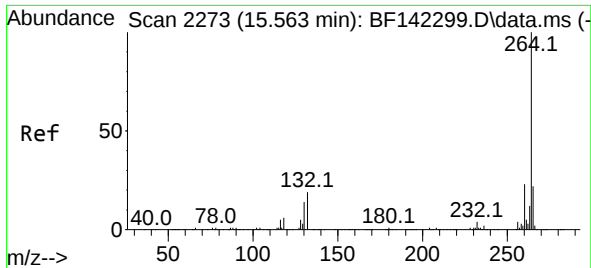


#85
 Di-n-octyl phthalate
 Concen: 7.850 ng
 RT: 14.657 min Scan# 2119
 Delta R.T. -0.012 min
 Lab File: BF142449.D
 Acq: 19 May 2025 14:06



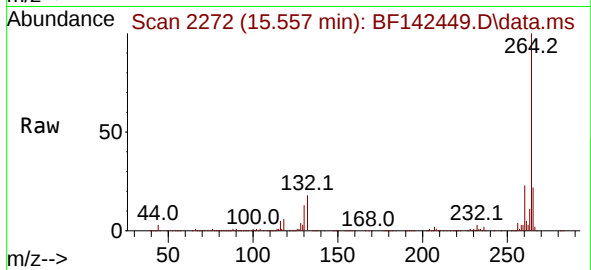
Tgt Ion:149 Resp: 221
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.1 1.7#
 43 70.1 9.2 13.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142449.D
 Acq: 19 May 2025 14:06

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 293494
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 21.7 17.5 26.3

