

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142451.D
 Acq On : 19 May 2025 15:04
 Operator : RC/JU
 Sample : Q2032-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 15:28:40 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)

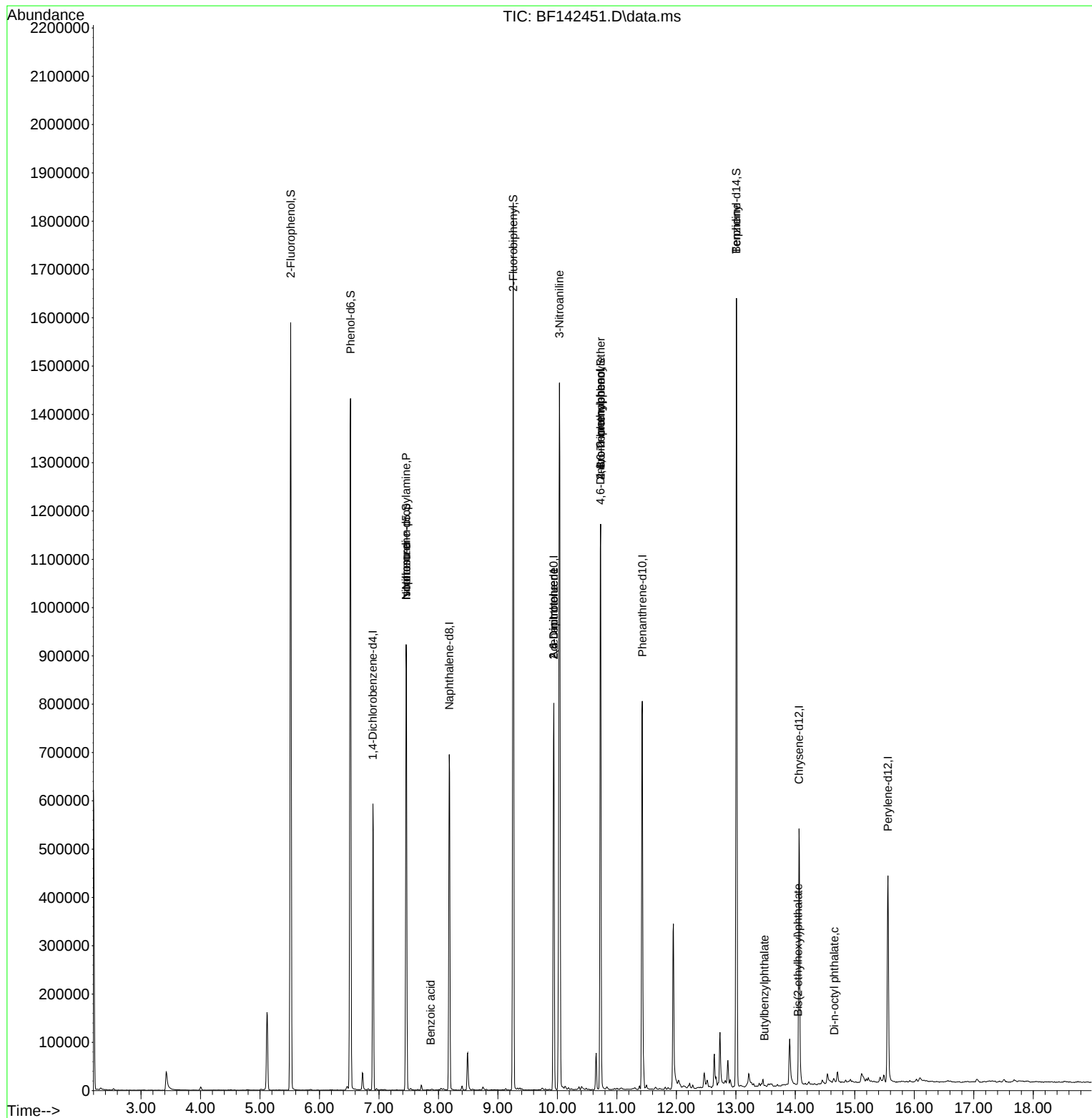
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	128621	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	454103	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	244134	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	432190	20.000	ng	0.00
76) Chrysene-d12	14.063	240	247849	20.000	ng	0.00
86) Perylene-d12	15.557	264	251162	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	610227	80.990	ng	0.00
7) Phenol-d6	6.522	99	689369	74.390	ng	0.00
23) Nitrobenzene-d5	7.457	82	395999	53.184	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	211719	89.823	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	818850	47.825	ng	0.00
79) Terphenyl-d14	13.010	244	786553	46.971	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	53909	9.405	ng	# 74
25) Isophorone	7.457	82	392605	27.845	ng	# 62
32) Benzoic acid	7.869	122	244	6.080	ng	# 86
51) 2,6-Dinitrotoluene	9.939	165	30824	10.505	ng	# 23
53) 3-Nitroaniline	10.034	138	16079	4.672	ng	# 2
57) 2,4-Dinitrotoluene	9.939	165	30824	8.189	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.722	198	356	7.335	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	13161	2.687	ng	# 1
77) Benzidine	13.010	184	9601	2.132	ng	# 93
80) Butylbenzylphthalate	13.480	149	120	3.676	ng	# 56
84) Bis(2-ethylhexyl)phtha...	14.045	149	654	4.308	ng	# 52
85) Di-n-octyl phthalate	14.657	149	615	7.874	ng	# 1

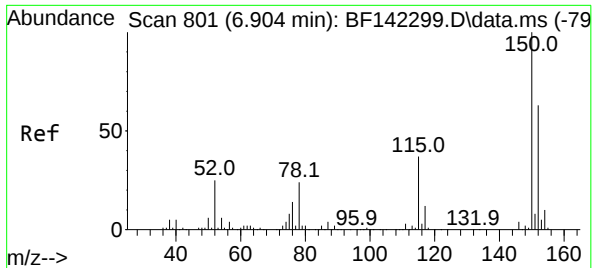
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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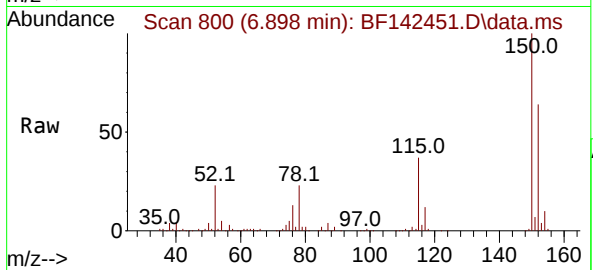
Quant Time: May 19 15:28:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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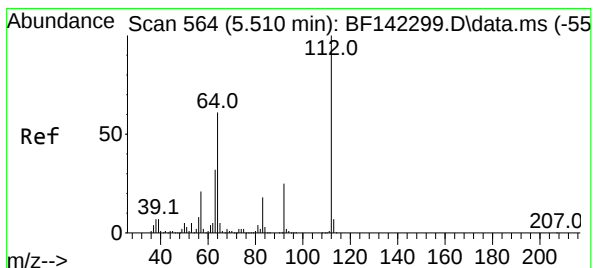
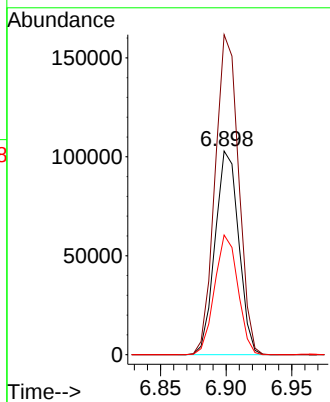
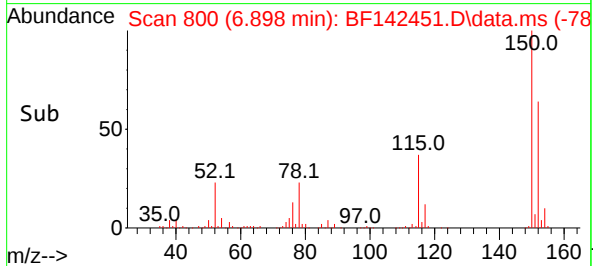


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: BF142451.D
 Acq: 19 May 2025 15:04

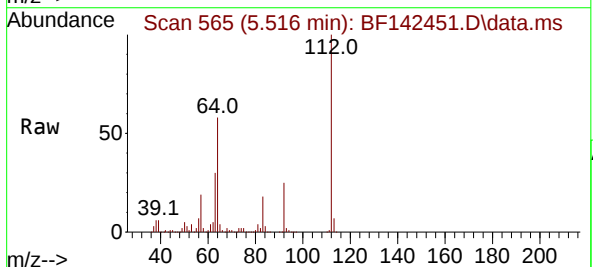
Instrument :
 BNA_F
 ClientSampleId :



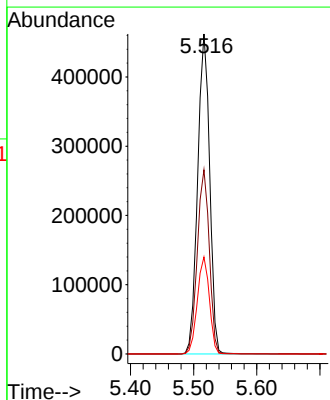
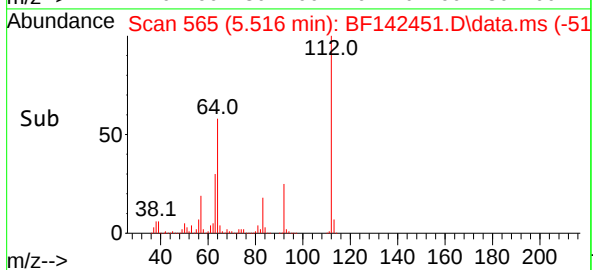
Tgt Ion:152 Resp: 128621
 Ion Ratio Lower Upper
 152 100
 150 157.1 126.6 190.0
 115 58.7 47.3 70.9

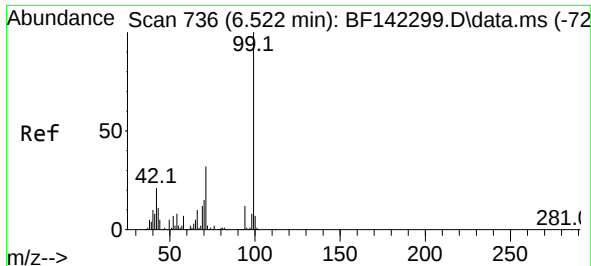


#5
 2-Fluorophenol
 Concen: 80.990 ng
 RT: 5.516 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF142451.D
 Acq: 19 May 2025 15:04



Tgt Ion:112 Resp: 610227
 Ion Ratio Lower Upper
 112 100
 64 57.6 48.9 73.3
 63 30.3 25.6 38.4



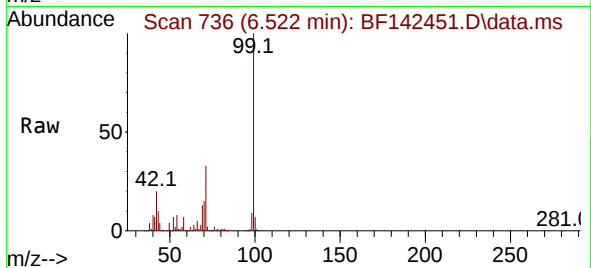


#7
Phenol-d6
Concen: 74.390 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142451.D
Acq: 19 May 2025 15:04

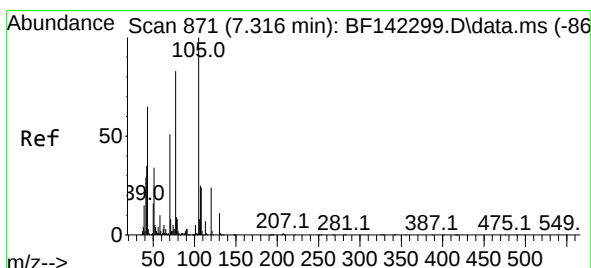
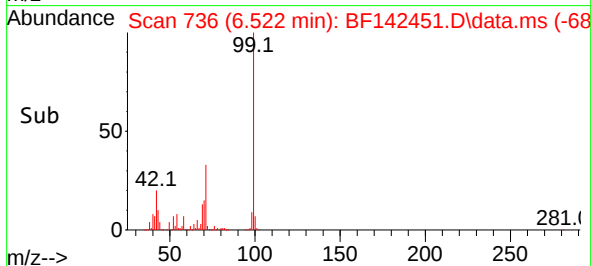
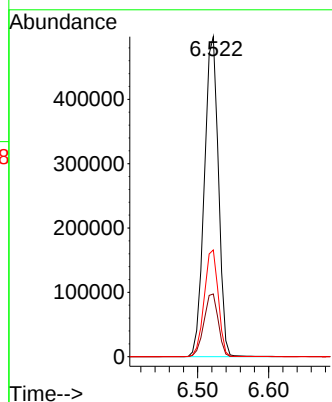
Instrument :

BNA_F

ClientSampleId :

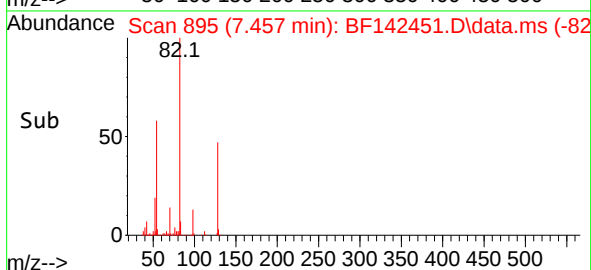
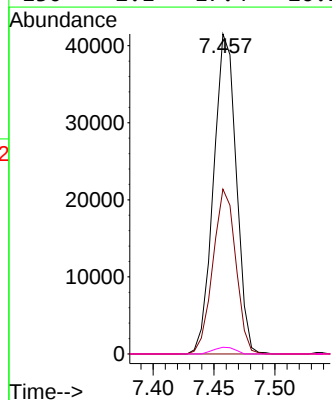
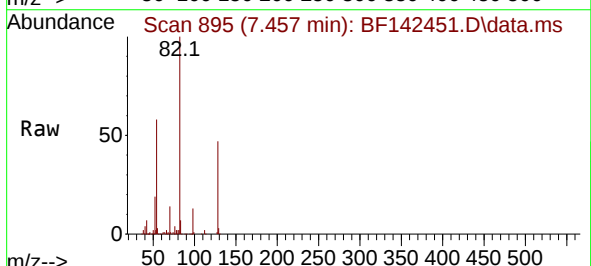


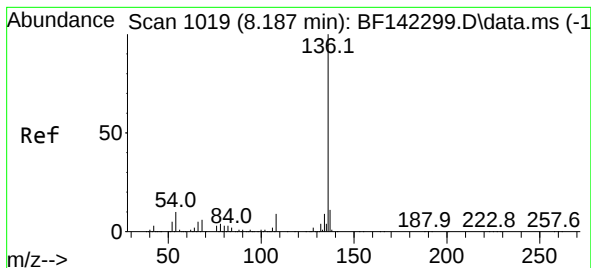
Tgt Ion: 99 Resp: 689369
Ion Ratio Lower Upper
99 100
42 19.6 17.0 25.4
71 33.4 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 9.405 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF142451.D
Acq: 19 May 2025 15:04

Tgt Ion: 70 Resp: 53909
Ion Ratio Lower Upper
70 100
42 51.5 54.8 82.2#
101 0.0 7.7 11.5#
130 2.1 17.4 26.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF142451.D

Acq: 19 May 2025 15:04

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 454103

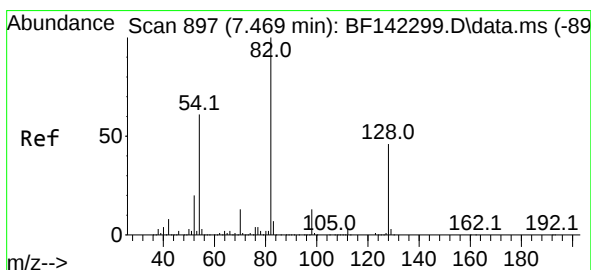
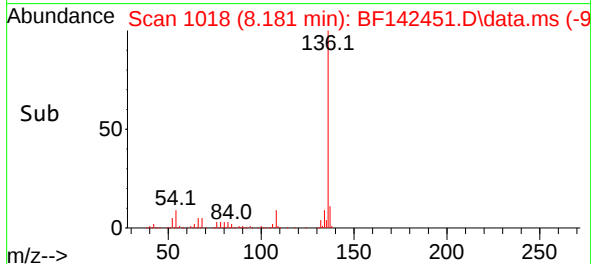
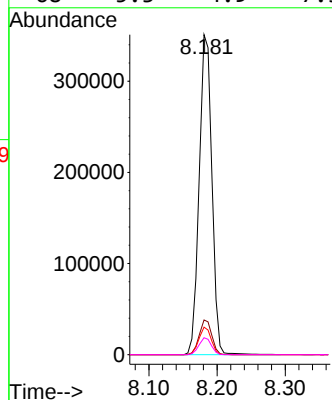
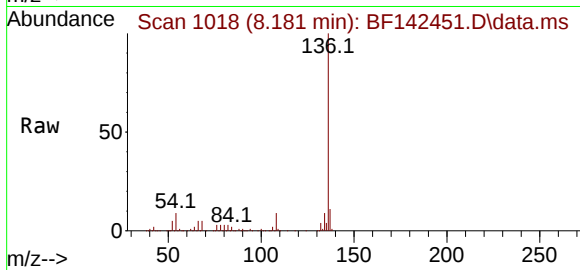
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.6 7.7 11.5

68 5.3 4.9 7.3



#23

Nitrobenzene-d5

Concen: 53.184 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF142451.D

Acq: 19 May 2025 15:04

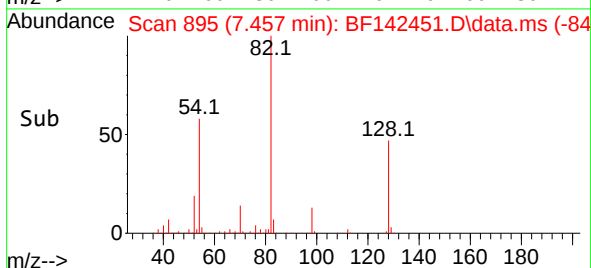
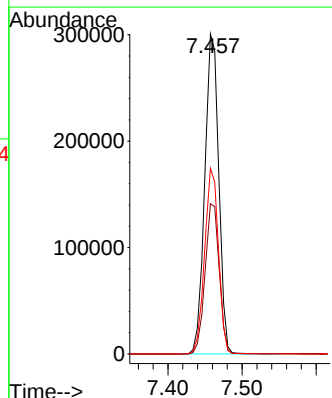
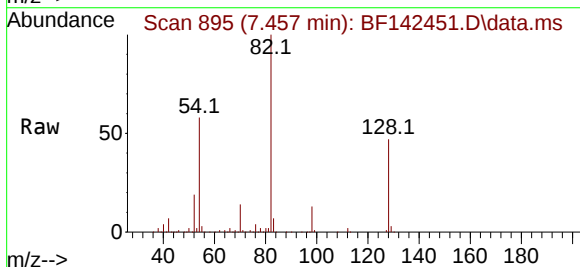
Tgt Ion: 82 Resp: 395999

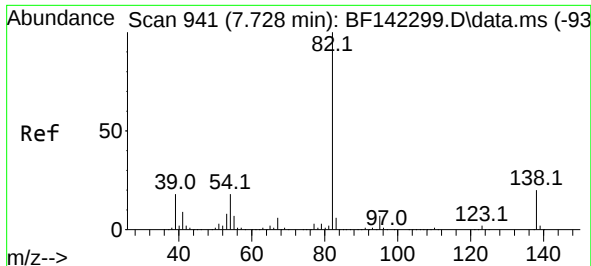
Ion Ratio Lower Upper

82 100

128 46.9 37.0 55.6

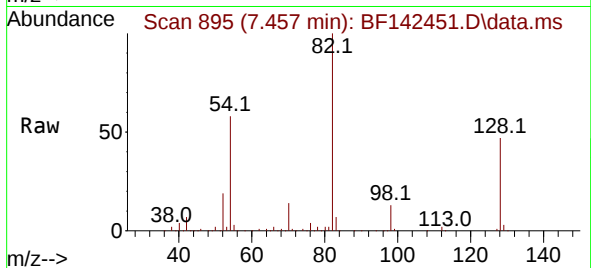
54 58.1 48.6 73.0



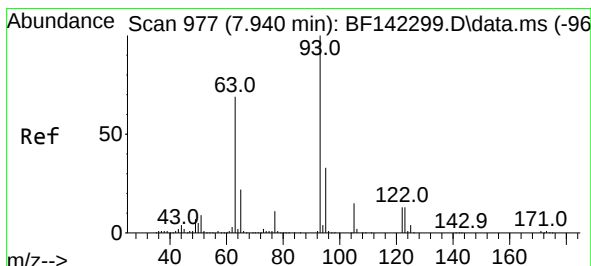
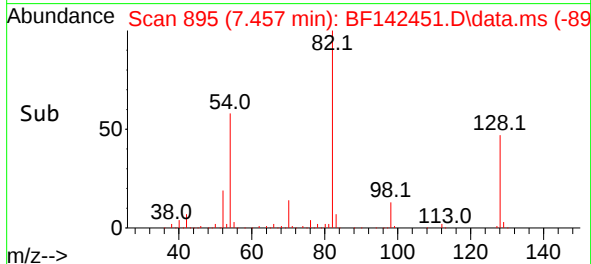
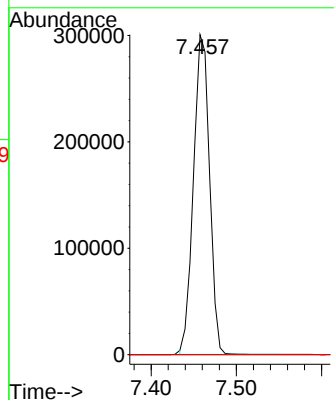


#25
Isophorone
Concen: 27.845 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF142451.D
Acq: 19 May 2025 15:04

Instrument :
BNA_F
ClientSampleId :

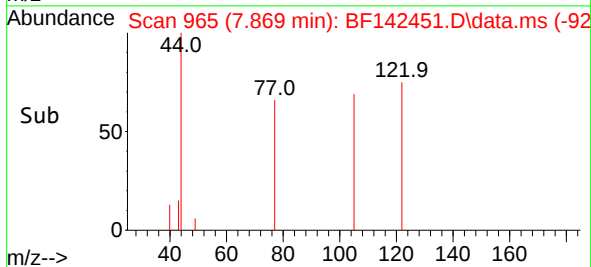
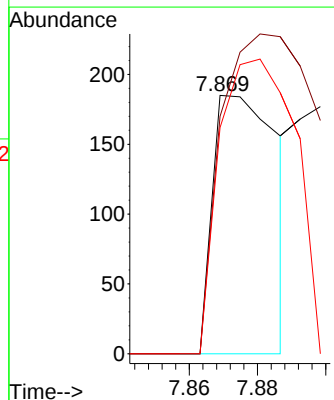
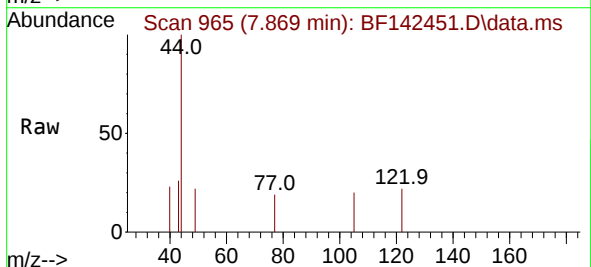


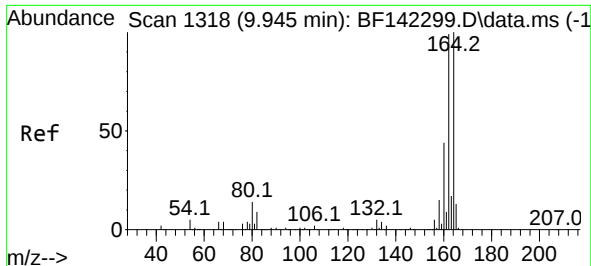
Tgt Ion: 82 Resp: 392605
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#32
Benzoic acid
Concen: 6.080 ng
RT: 7.869 min Scan# 965
Delta R.T. -0.071 min
Lab File: BF142451.D
Acq: 19 May 2025 15:04

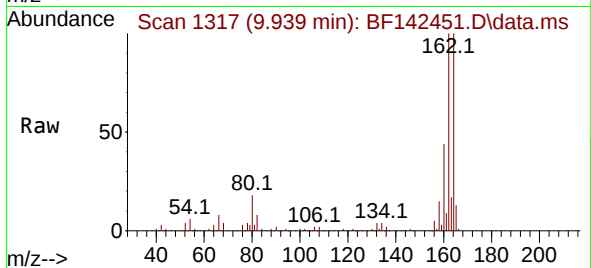
Tgt Ion: 122 Resp: 244
Ion Ratio Lower Upper
122 100
105 91.9 97.9 137.9#
77 87.6 67.7 107.7



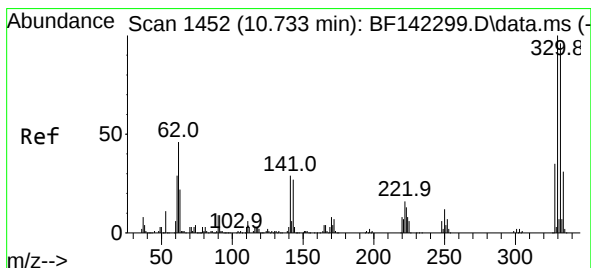
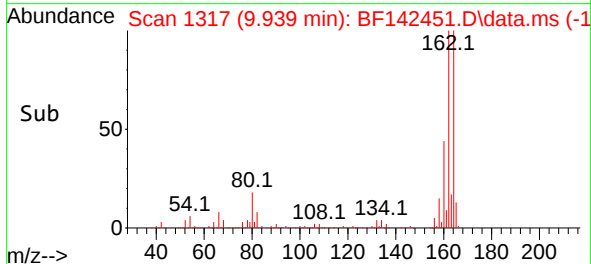
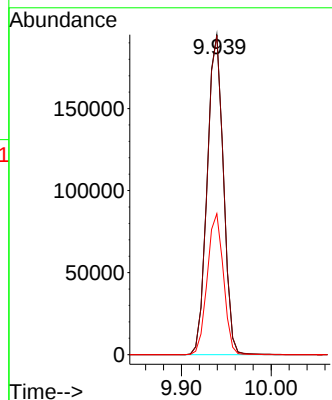


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142451.D
Acq: 19 May 2025 15:04

Instrument :
BNA_F
ClientSampleId :

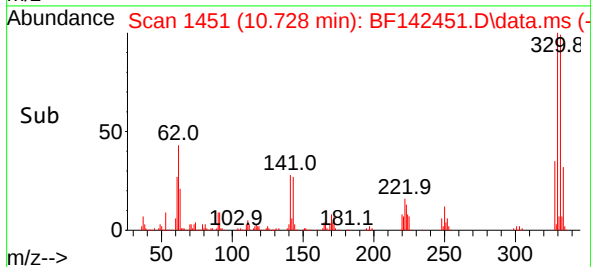
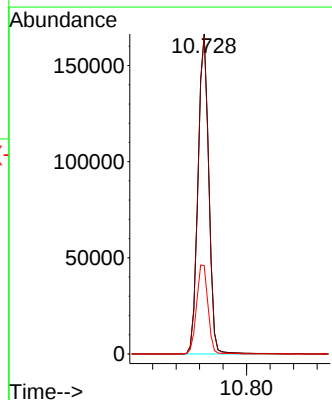
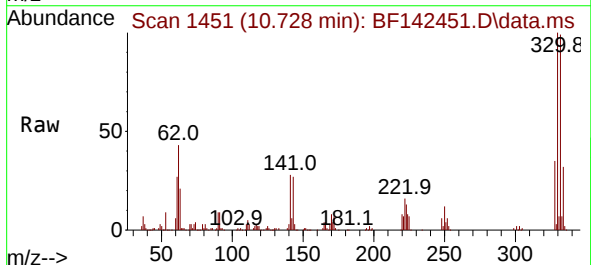


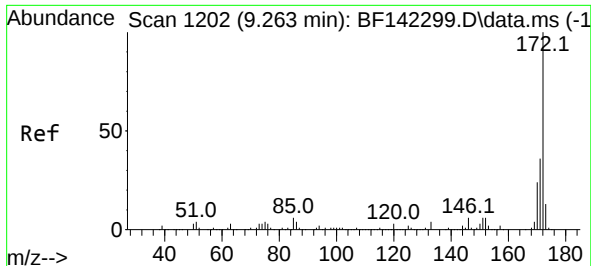
Tgt Ion:164 Resp: 244134
Ion Ratio Lower Upper
164 100
162 99.7 79.2 118.8
160 44.0 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 89.823 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142451.D
Acq: 19 May 2025 15:04

Tgt Ion:330 Resp: 211719
Ion Ratio Lower Upper
330 100
332 98.6 76.8 115.2
141 29.3 24.9 37.3

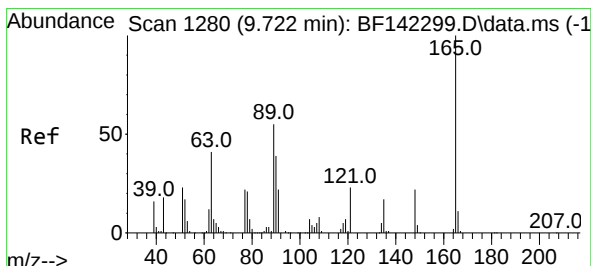
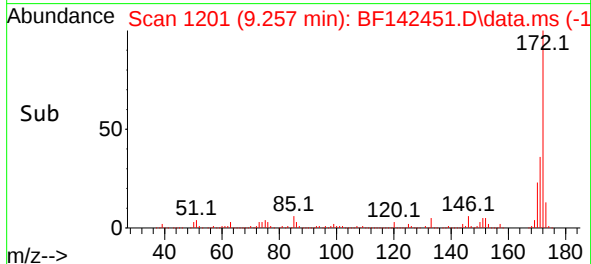
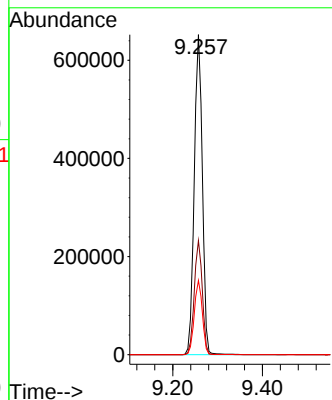
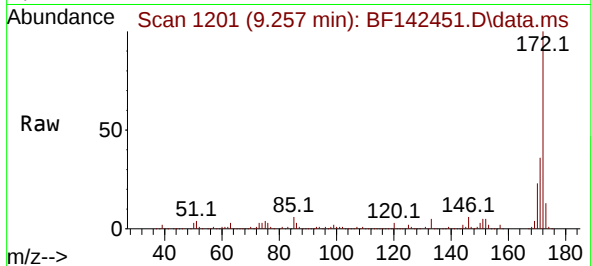




#45
2-Fluorobiphenyl
Concen: 47.825 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142451.D
Acq: 19 May 2025 15:04

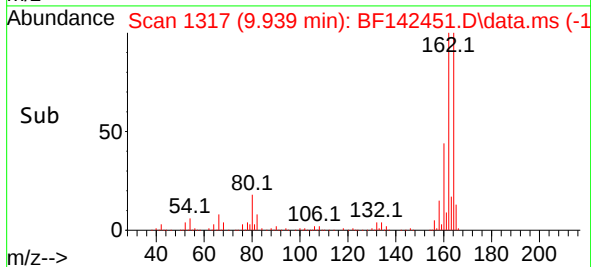
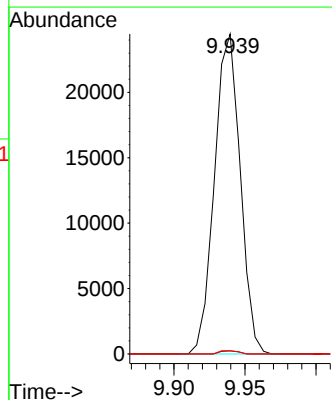
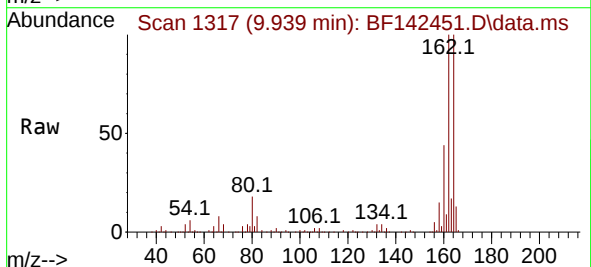
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BNA_F
ClientSampleId :

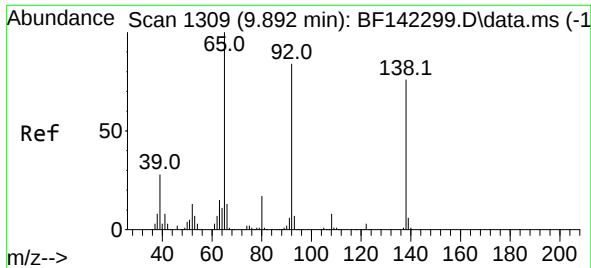
Tgt Ion:172 Resp: 818850
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.2 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 10.505 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.218 min
Lab File: BF142451.D
Acq: 19 May 2025 15:04

Tgt Ion:165 Resp: 30824
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.0 44.6 66.8#

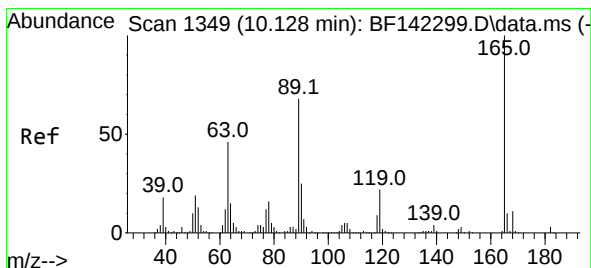
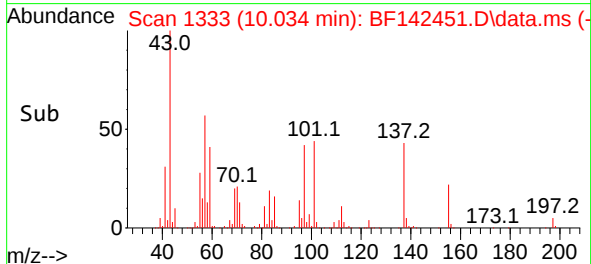
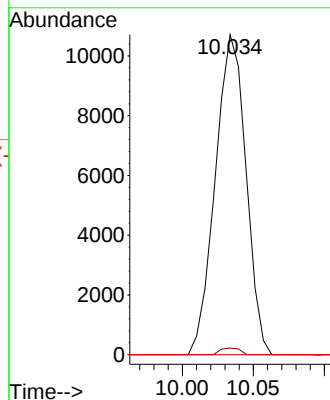
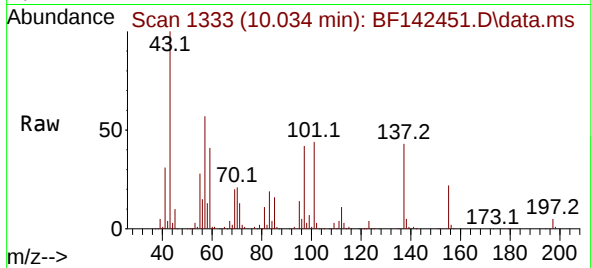




#53
3-Nitroaniline
Concen: 4.672 ng
RT: 10.034 min Scan# 11
Delta R.T. 0.141 min
Lab File: BF142451.D
Acq: 19 May 2025 15:04

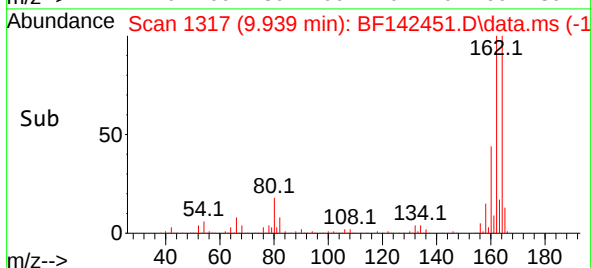
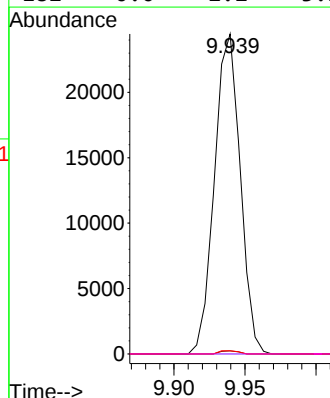
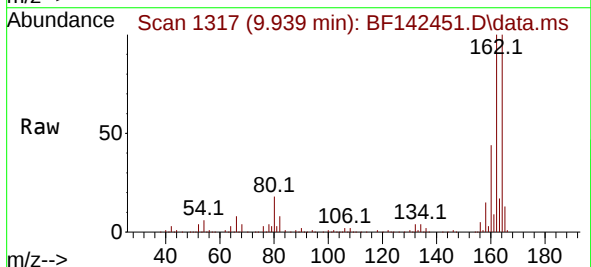
Instrument :
BNA_F
ClientSampleId :

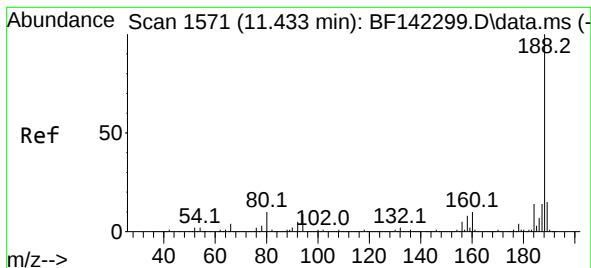
Tgt Ion:138 Resp: 16079
Ion Ratio Lower Upper
138 100
108 2.1 8.7 13.1#
92 0.0 89.5 134.3#



#57
2,4-Dinitrotoluene
Concen: 8.189 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF142451.D
Acq: 19 May 2025 15:04

Tgt Ion:165 Resp: 30824
Ion Ratio Lower Upper
165 100
63 0.9 37.1 55.7#
89 1.0 54.4 81.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142451.D

Acq: 19 May 2025 15:04

Instrument :

BNA_F

ClientSampleId :

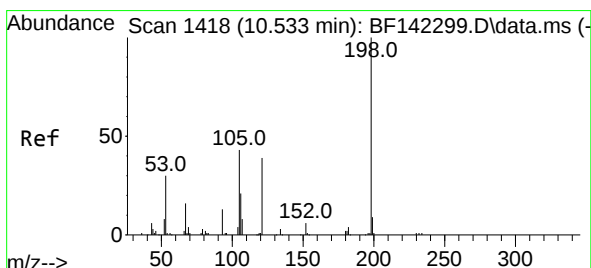
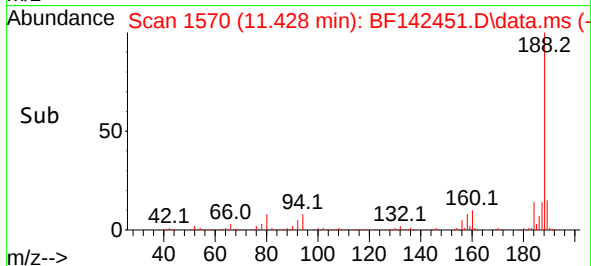
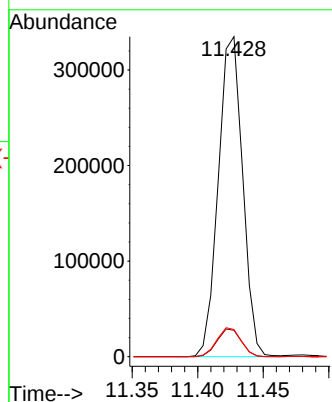
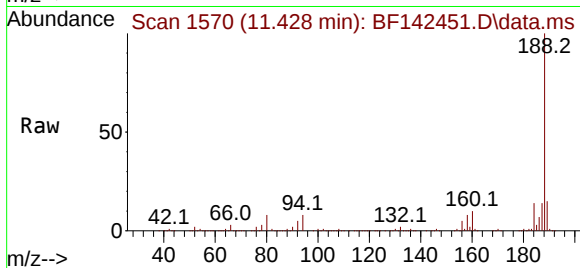
Tgt Ion:188 Resp: 432190

Ion Ratio Lower Upper

188 100

94 8.2 7.5 11.3

80 8.5 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 7.335 ng

RT: 10.722 min Scan# 1450

Delta R.T. 0.189 min

Lab File: BF142451.D

Acq: 19 May 2025 15:04

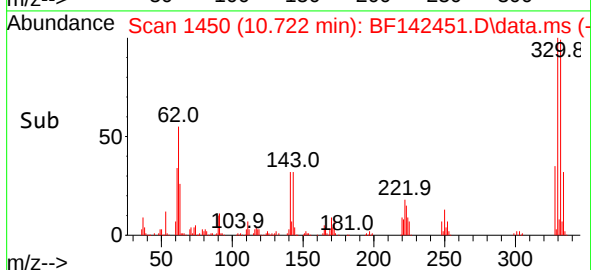
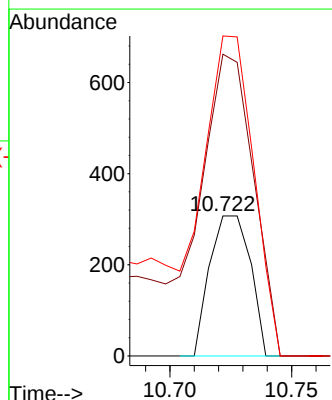
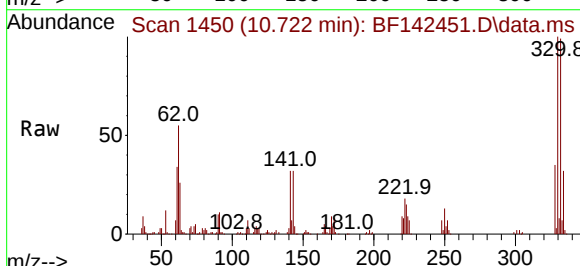
Tgt Ion:198 Resp: 356

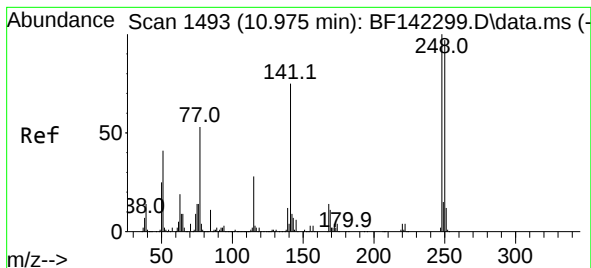
Ion Ratio Lower Upper

198 100

51 215.6 32.9 72.9#

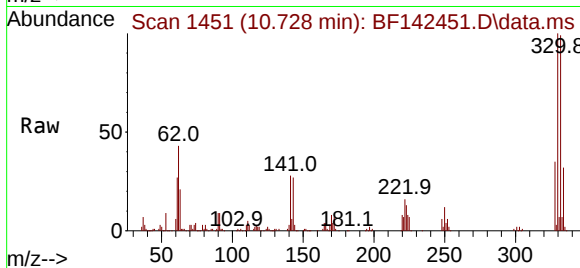
105 228.7 23.7 63.7#



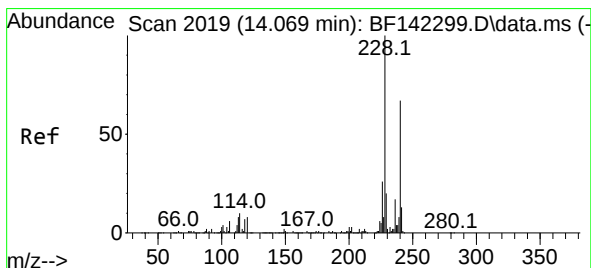
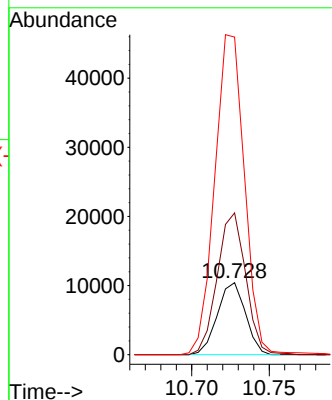
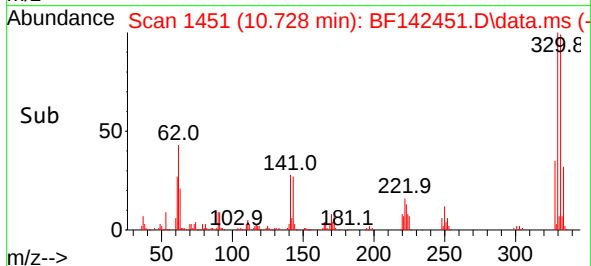


#67
4-Bromophenyl-phenylether
Concen: 2.687 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF142451.D
Acq: 19 May 2025 15:04

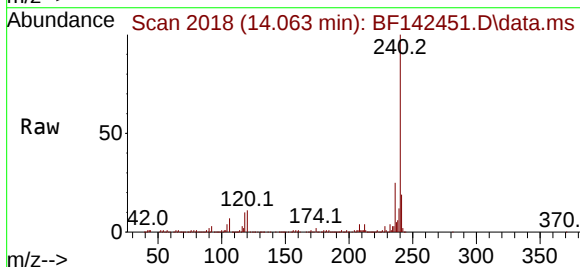
Instrument :
BNA_F
ClientSampleId :



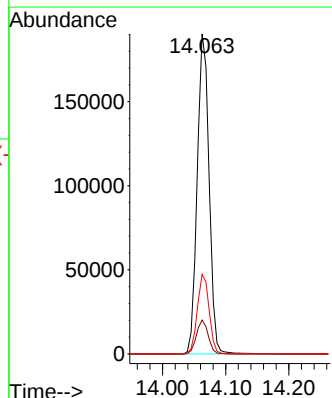
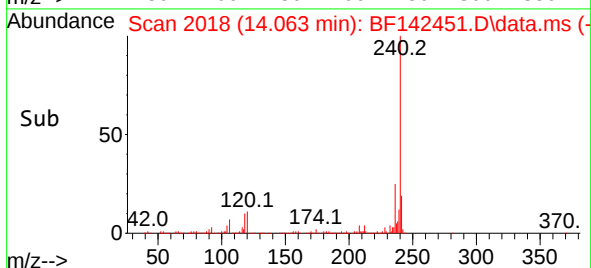
Tgt Ion:248 Resp: 13161
Ion Ratio Lower Upper
248 100
250 197.1 77.9 116.9#
141 441.5 59.8 89.8#

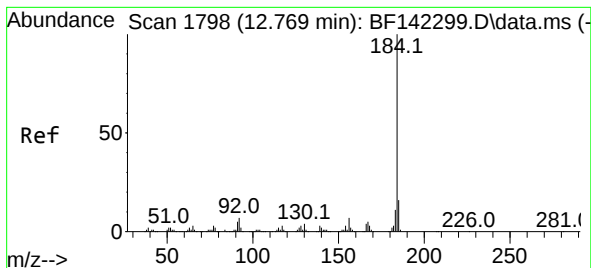


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142451.D
Acq: 19 May 2025 15:04



Tgt Ion:240 Resp: 247849
Ion Ratio Lower Upper
240 100
120 10.6 9.7 14.5
236 24.8 20.0 30.0





#77

Benzidine

Concen: 2.132 ng

RT: 13.010 min Scan# 1839

Delta R.T. 0.241 min

Lab File: BF142451.D

Acq: 19 May 2025 15:04

Instrument :

BNA_F

ClientSampleId :

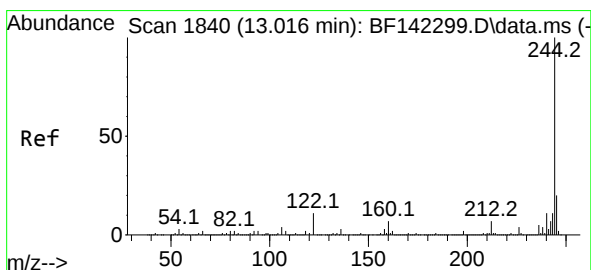
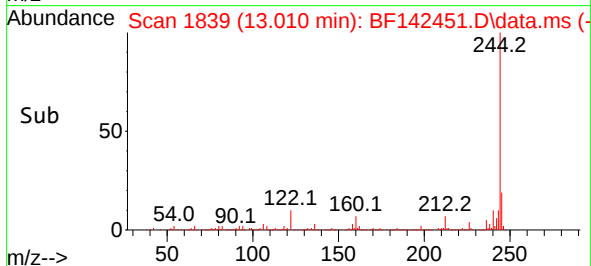
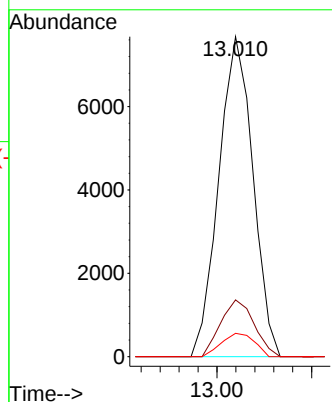
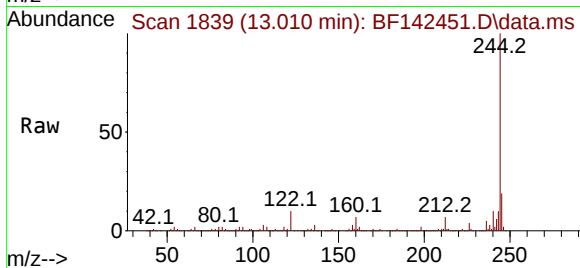
Tgt Ion:184 Resp: 9601

Ion Ratio Lower Upper

184 100

185 17.8 12.6 18.8

183 7.3 8.6 12.8#



#79

Terphenyl-d14

Concen: 46.971 ng

RT: 13.010 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF142451.D

Acq: 19 May 2025 15:04

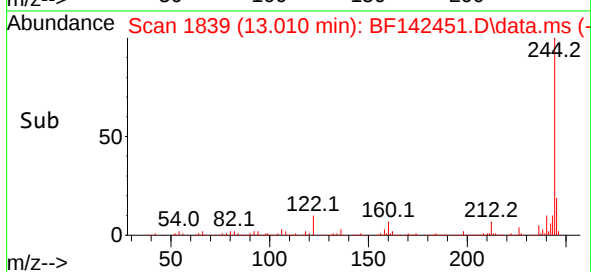
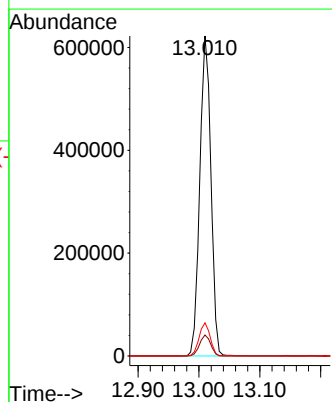
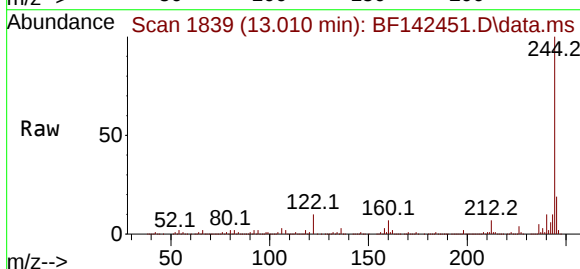
Tgt Ion:244 Resp: 786553

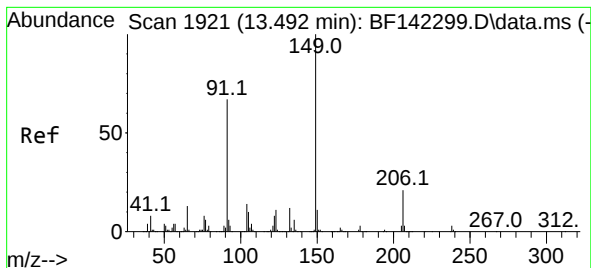
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 10.4 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.676 ng

RT: 13.480 min Scan# 1919

Delta R.T. -0.012 min

Lab File: BF142451.D

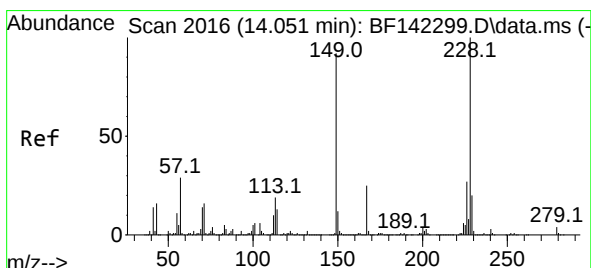
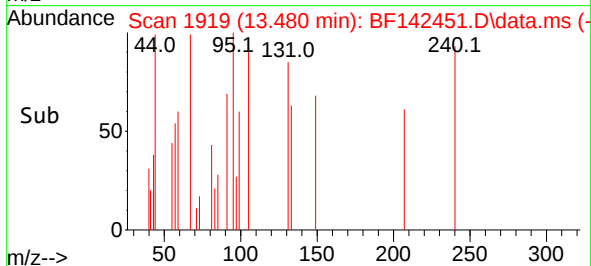
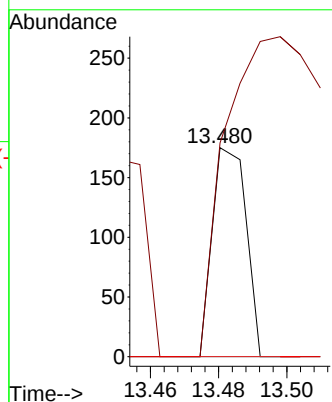
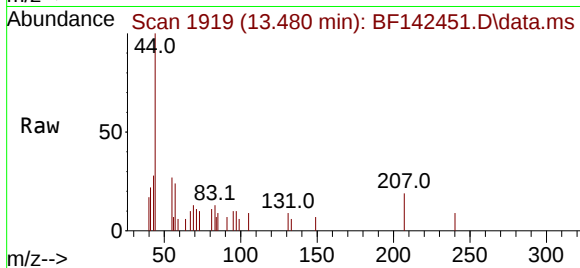
Acq: 19 May 2025 15:04

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:149	Resp:	120
Ion	Ratio	Lower Upper
149	100	
91	102.3	53.8 80.6#
206	0.0	16.6 24.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.308 ng

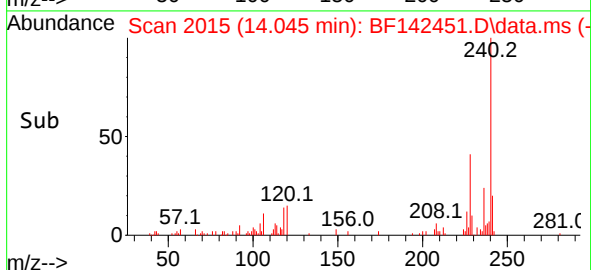
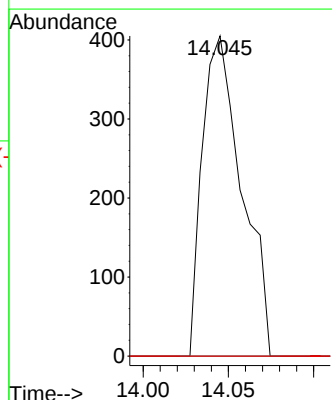
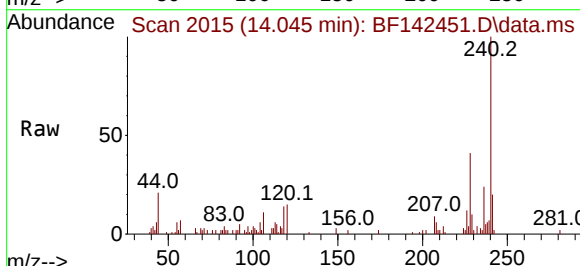
RT: 14.045 min Scan# 2015

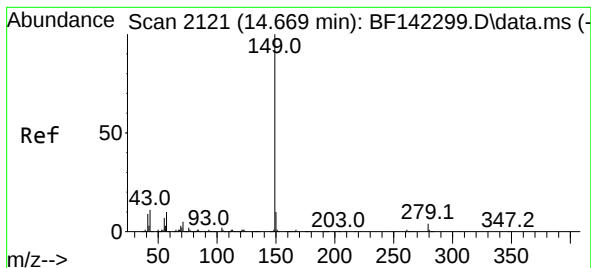
Delta R.T. -0.006 min

Lab File: BF142451.D

Acq: 19 May 2025 15:04

Tgt Ion:149	Resp:	654
Ion	Ratio	Lower Upper
149	100	
167	0.0	22.0 33.0#
279	0.0	3.0 4.6#





#85

Di-n-octyl phthalate

Concen: 7.874 ng

RT: 14.657 min Scan# 2119

Delta R.T. -0.012 min

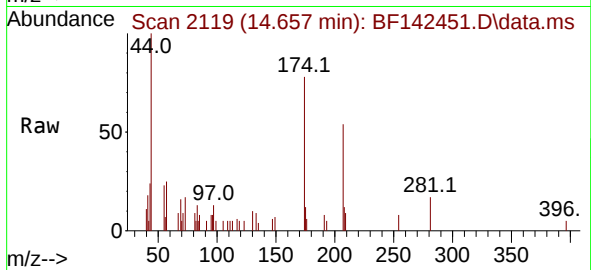
Lab File: BF142451.D

Acq: 19 May 2025 15:04

Instrument :

BNA_F

ClientSampleId :



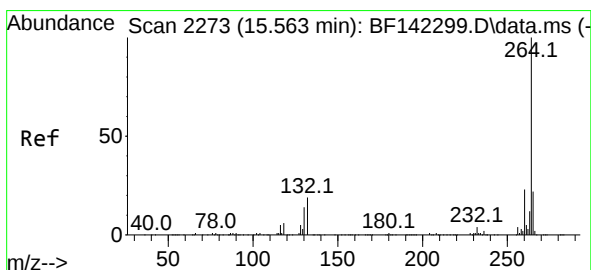
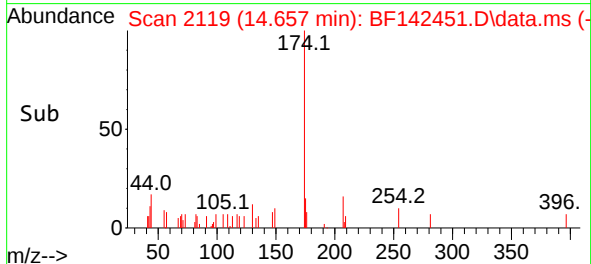
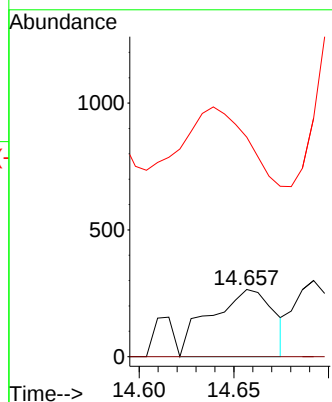
Tgt Ion:149 Resp: 615

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 128.0 9.2 13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142451.D

Acq: 19 May 2025 15:04

Tgt Ion:264 Resp: 251162

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.4 17.5 26.3

