

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142265.D
 Acq On : 01 May 2025 17:29
 Operator : RC/JU
 Sample : Q1906-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Quant Time: May 01 18:09:02 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)

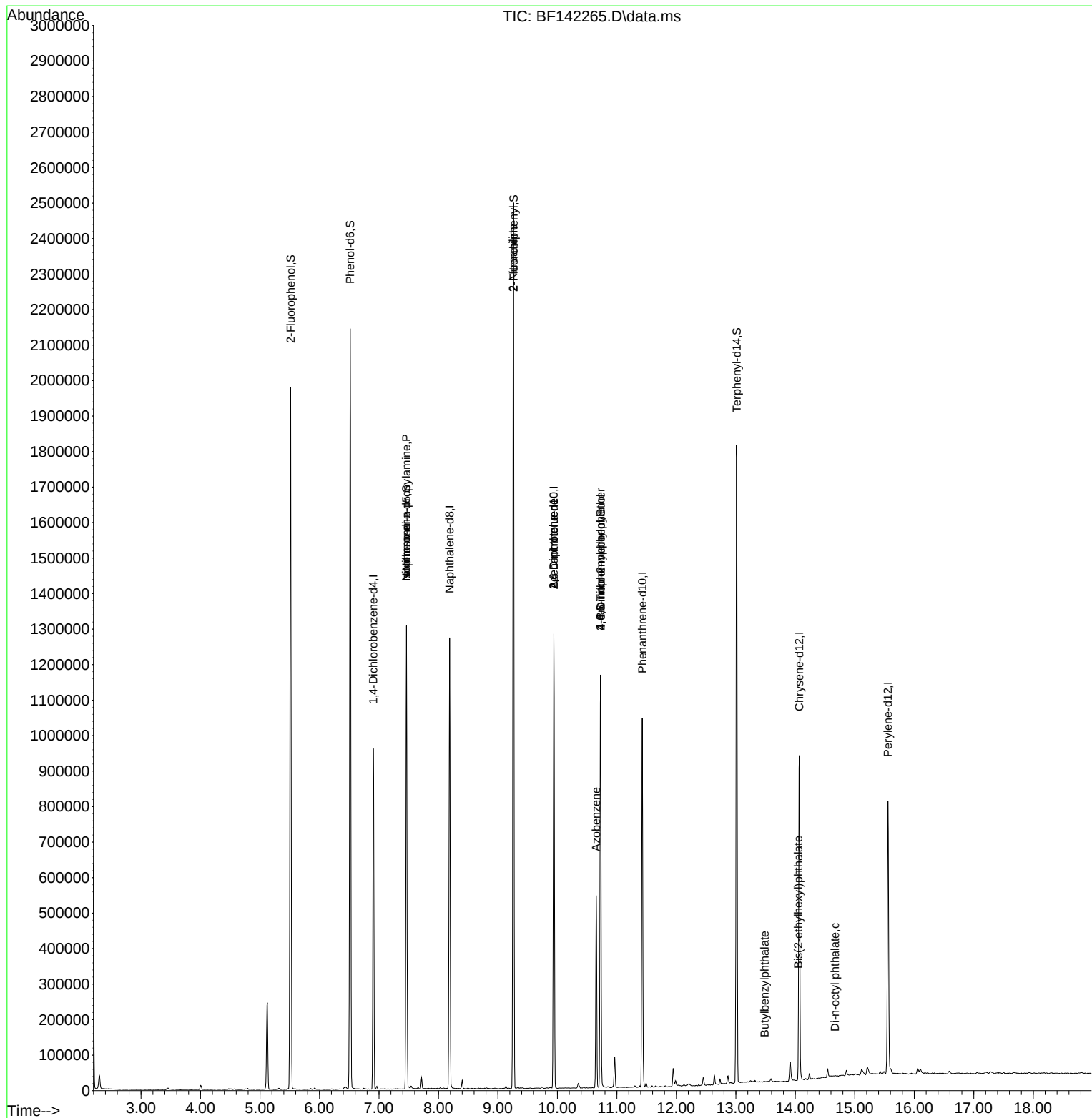
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	202527	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	763853	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	363203	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	510749	20.000	ng	0.00
76) Chrysene-d12	14.068	240	441054	20.000	ng	0.00
86) Perylene-d12	15.557	264	435448	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	745959	58.824	ng	0.00
7) Phenol-d6	6.516	99	958922	62.620	ng	-0.01
23) Nitrobenzene-d5	7.463	82	505067	43.440	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	190095	57.411	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1109411	43.068	ng	0.00
79) Terphenyl-d14	13.016	244	867484	28.606	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.463	70	68107	7.197	ng	# 82
25) Isophorone	7.463	82	504808	20.688	ng	# 64
48) 2-Nitroaniline	9.257	65	1740	5.052	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	48014	13.895	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	48014	12.994	ng	# 23
63) Azobenzene	10.651	77	127143	5.611	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.727	198	405	10.799	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	11429	2.009	ng	# 1
80) Butylbenzylphthalate	13.486	149	648	3.770	ng	# 37
84) Bis(2-ethylhexyl)phtha...	14.051	149	2168	3.585	ng	# 91
85) Di-n-octyl phthalate	14.668	149	889	6.095	ng	# 73

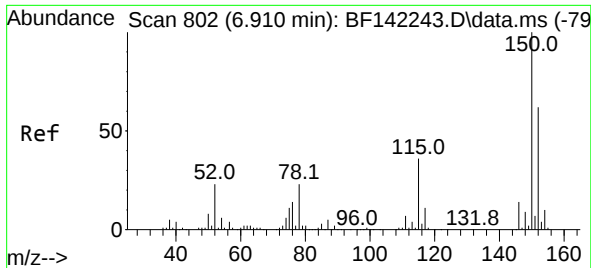
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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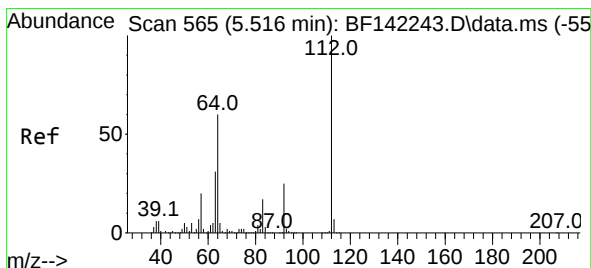
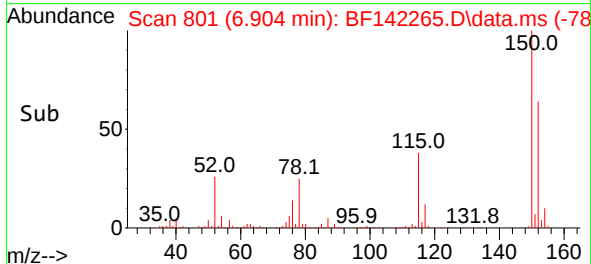
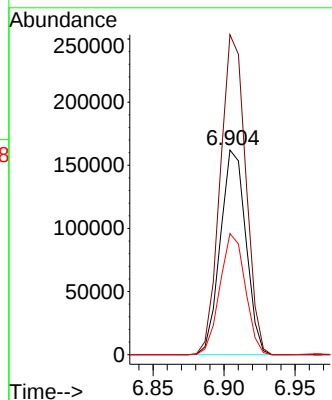
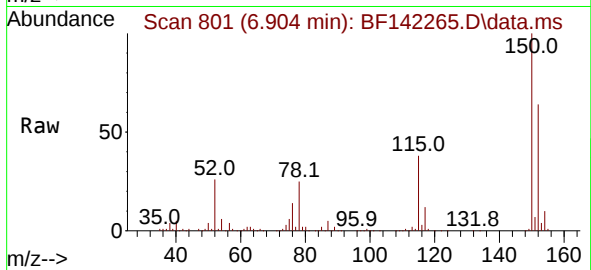




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: BF142265.D
 Acq: 01 May 2025 17:29

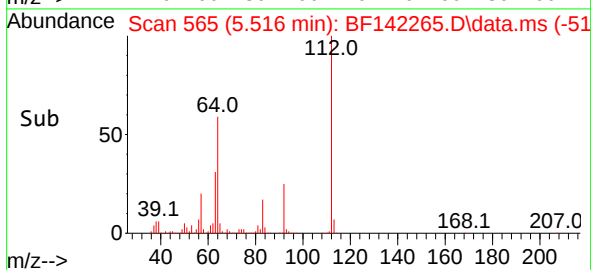
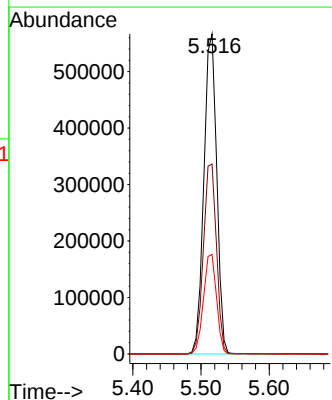
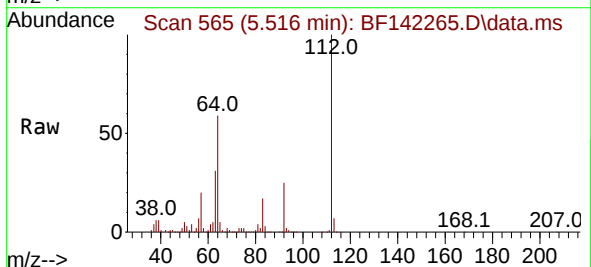
Instrument :
 BNA_F
 ClientSampleId :
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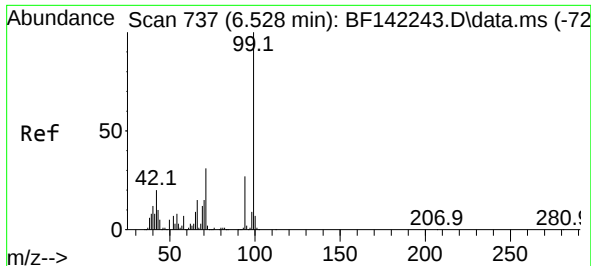
Tgt Ion:152 Resp: 202527
 Ion Ratio Lower Upper
 152 100
 150 156.3 130.2 195.2
 115 59.2 47.0 70.4



#5
 2-Fluorophenol
 Concen: 58.824 ng
 RT: 5.516 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: BF142265.D
 Acq: 01 May 2025 17:29

Tgt Ion:112 Resp: 745959
 Ion Ratio Lower Upper
 112 100
 64 59.3 48.4 72.6
 63 31.1 24.8 37.2

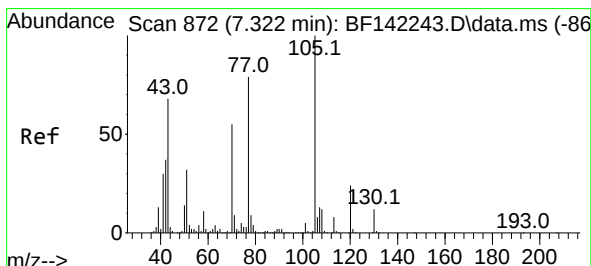
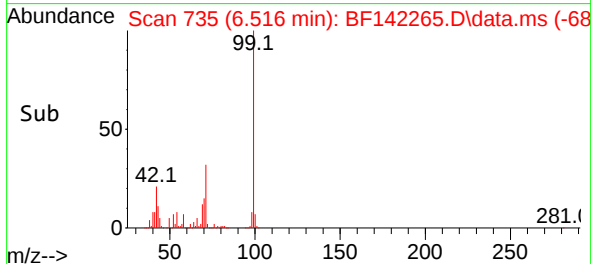
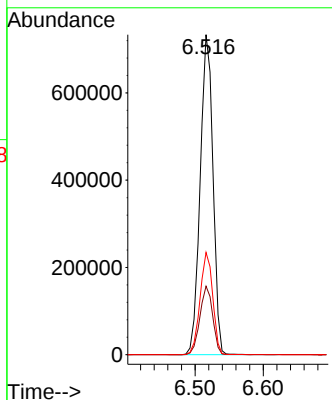
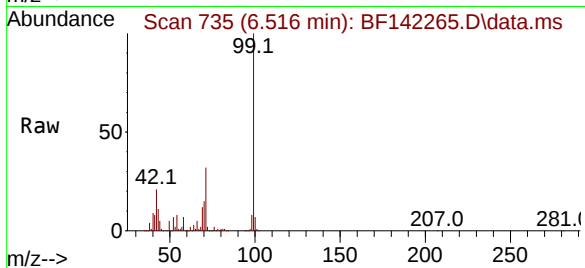




#7
Phenol-d6
Concen: 62.620 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142265.D
Acq: 01 May 2025 17:29

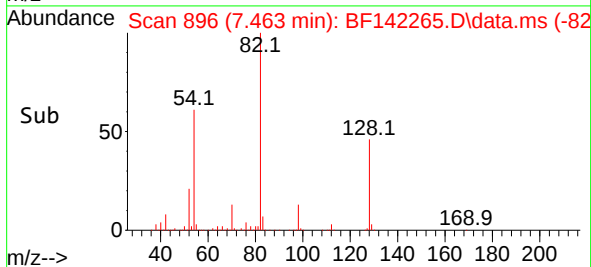
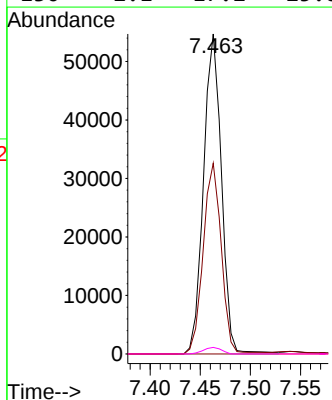
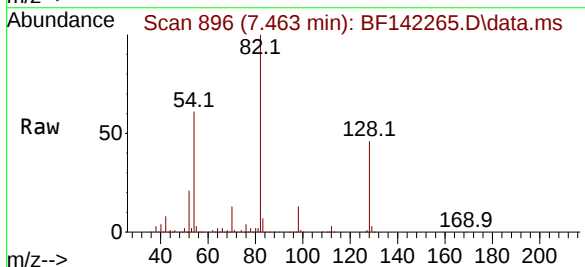
Instrument :
BNA_F
ClientSampleId :
WC-4

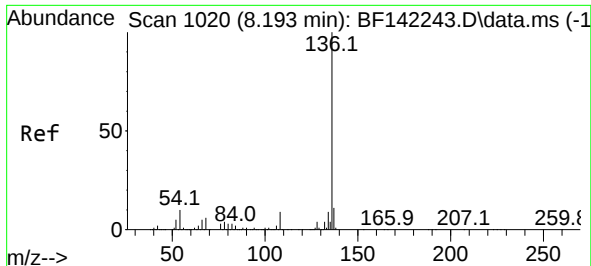
Tgt Ion: 99 Resp: 958922
Ion Ratio Lower Upper
99 100
42 21.4 16.3 24.5
71 32.0 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 7.197 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF142265.D
Acq: 01 May 2025 17:29

Tgt Ion: 70 Resp: 68107
Ion Ratio Lower Upper
70 100
42 59.6 53.4 80.2
101 0.0 7.7 11.5#
130 2.1 17.2 25.8#

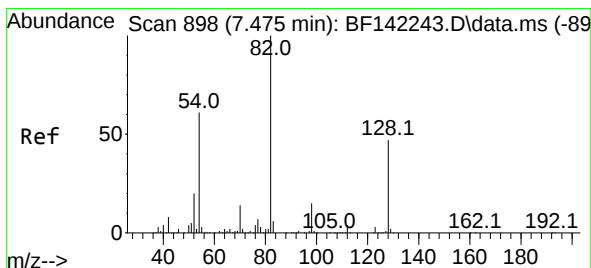
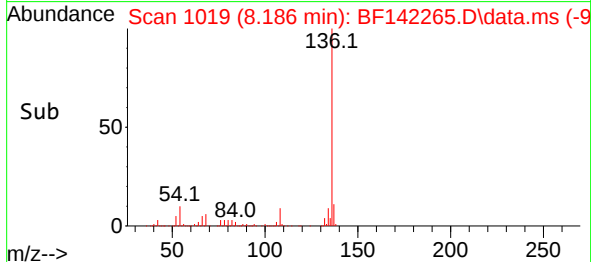
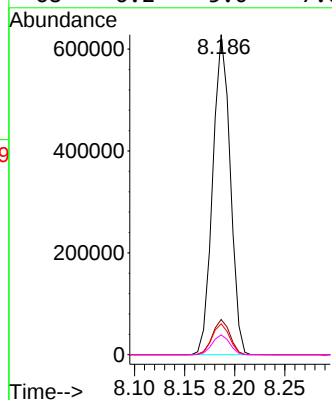
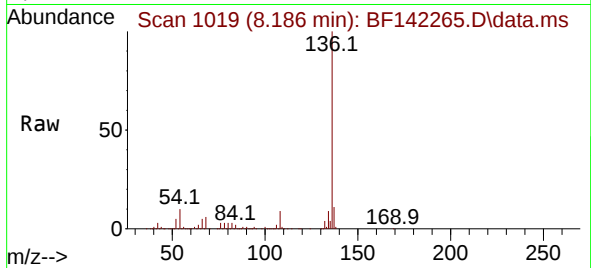




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142265.D
Acq: 01 May 2025 17:29

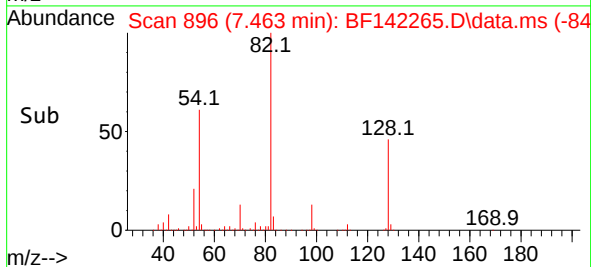
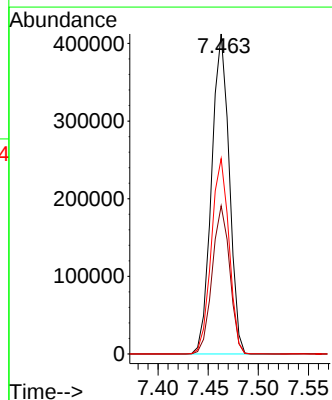
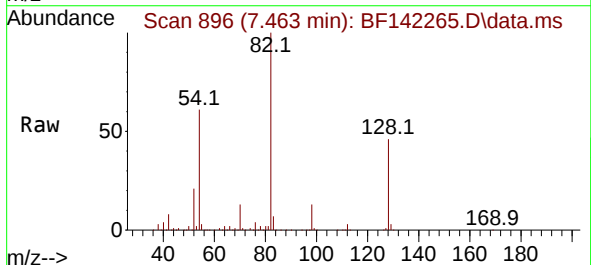
Instrument :
BNA_F
ClientSampleId :
WC-4

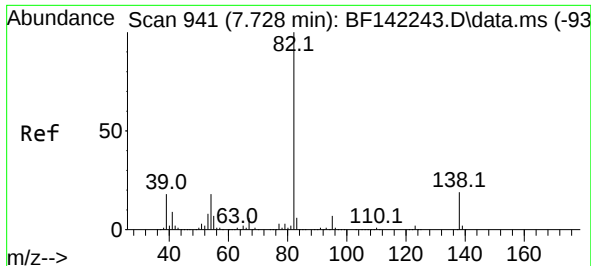
Tgt Ion:	136	Resp:	763853
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.6	7.7	11.5
68	6.2	5.0	7.6



#23
Nitrobenzene-d5
Concen: 43.440 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF142265.D
Acq: 01 May 2025 17:29

Tgt Ion:	82	Resp:	505067
Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.0	55.6
54	61.0	48.0	72.0

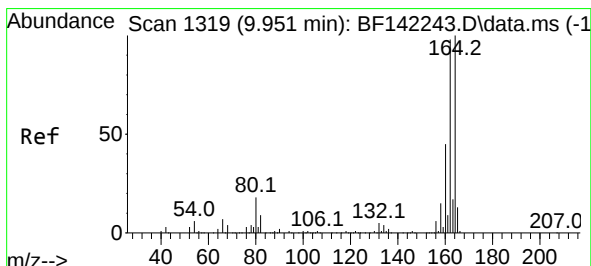
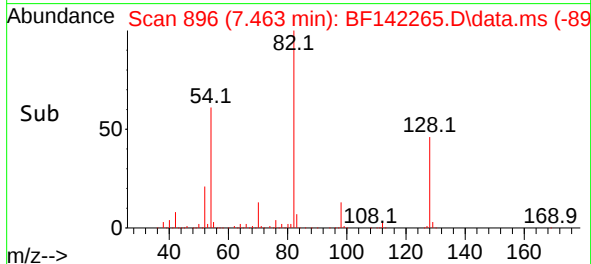
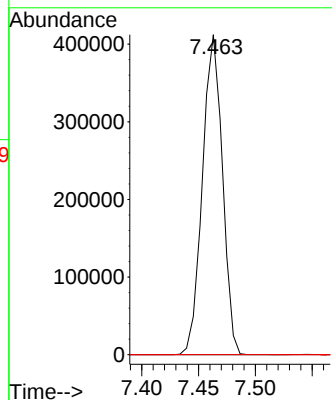
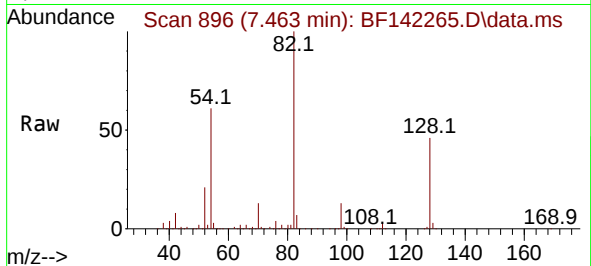




#25
Isophorone
Concen: 20.688 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142265.D
Acq: 01 May 2025 17:29

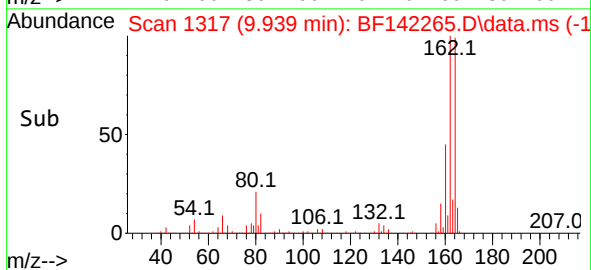
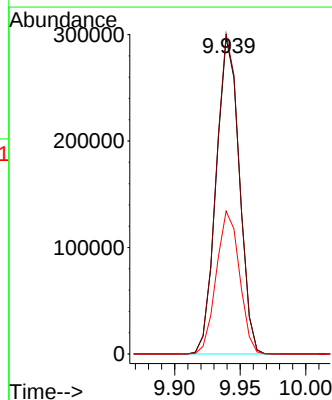
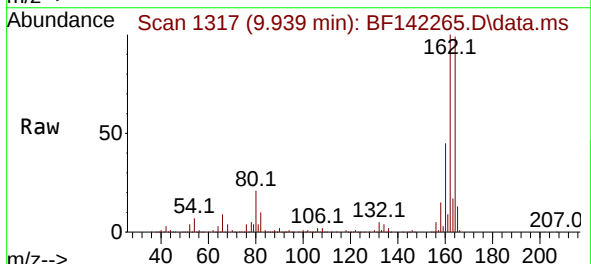
Instrument :
BNA_F
ClientSampleId :
WC-4

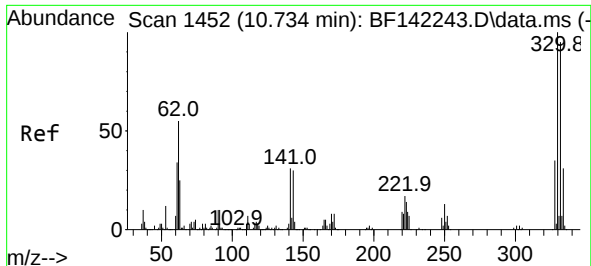
Tgt Ion: 82 Resp: 504808
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.012 min
Lab File: BF142265.D
Acq: 01 May 2025 17:29

Tgt Ion: 164 Resp: 363203
Ion Ratio Lower Upper
164 100
162 101.2 78.6 117.8
160 45.2 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 57.411 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142265.D

Acq: 01 May 2025 17:29

Instrument :

BNA_F

ClientSampleId :

WC-4

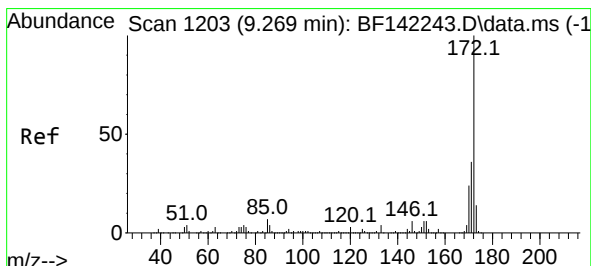
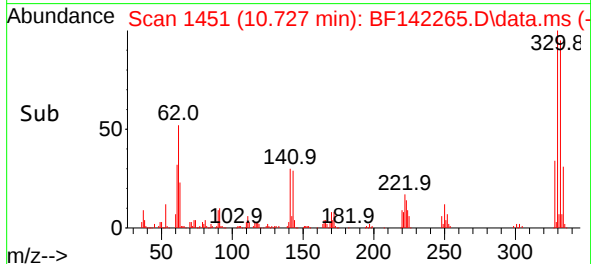
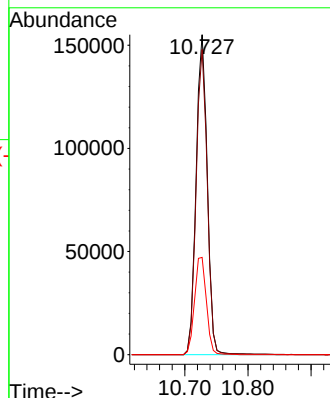
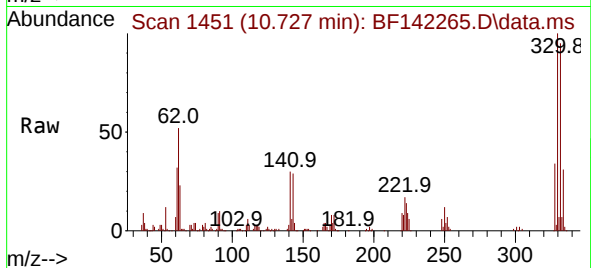
Tgt Ion:330 Resp: 190095

Ion Ratio Lower Upper

330 100

332 95.5 76.5 114.7

141 32.3 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 43.068 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142265.D

Acq: 01 May 2025 17:29

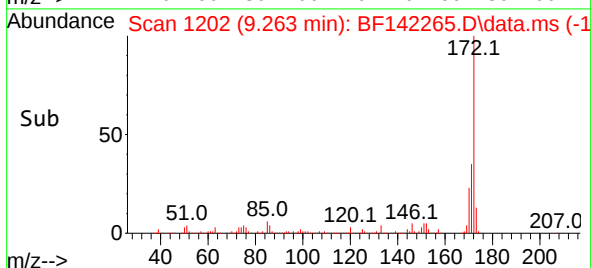
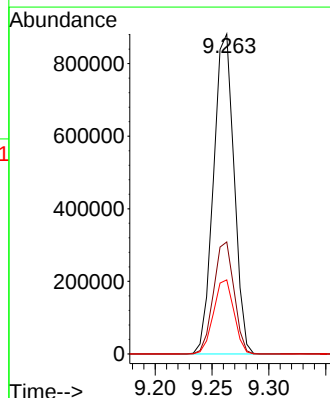
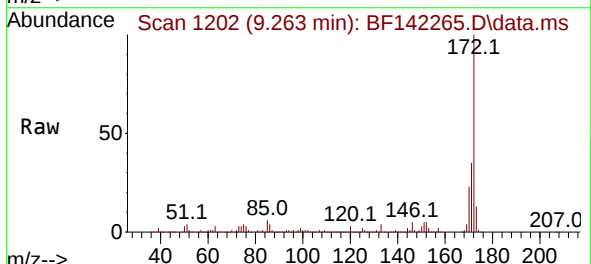
Tgt Ion:172 Resp: 1109411

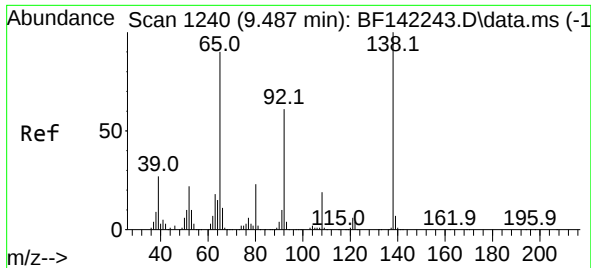
Ion Ratio Lower Upper

172 100

171 35.0 29.0 43.4

170 23.2 19.4 29.0





#48

2-Nitroaniline

Concen: 5.052 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.230 min

Lab File: BF142265.D

Acq: 01 May 2025 17:29

Instrument :

BNA_F

ClientSampleId :

WC-4

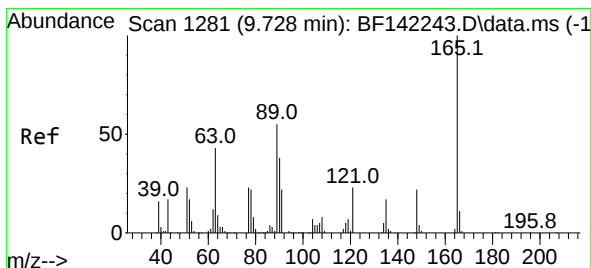
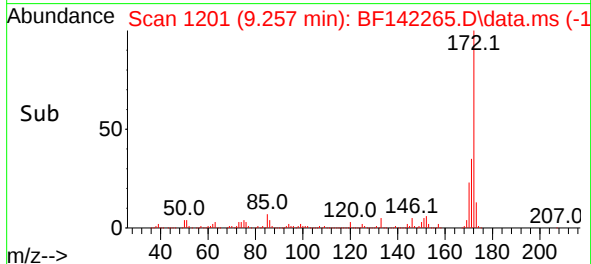
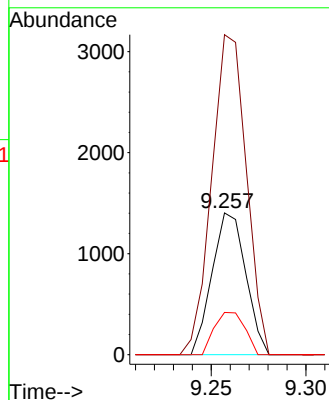
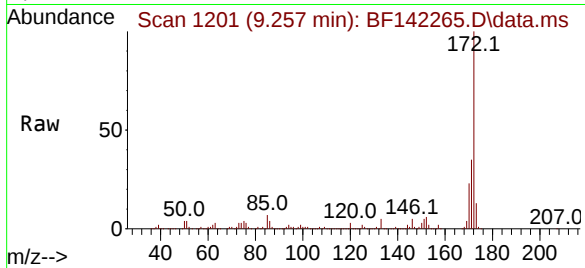
Tgt Ion: 65 Resp: 1740

Ion Ratio Lower Upper

65 100

92 225.6 54.3 81.5#

138 29.8 88.6 133.0#



#51

2,6-Dinitrotoluene

Concen: 13.895 ng

RT: 9.939 min Scan# 1317

Delta R.T. 0.211 min

Lab File: BF142265.D

Acq: 01 May 2025 17:29

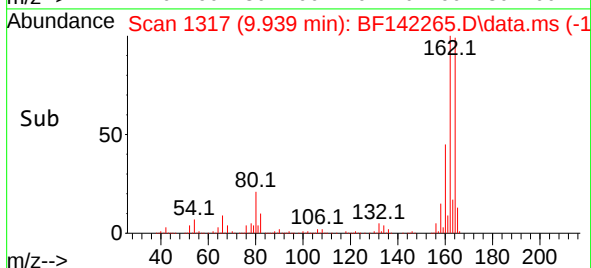
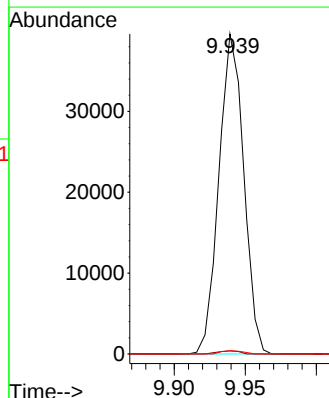
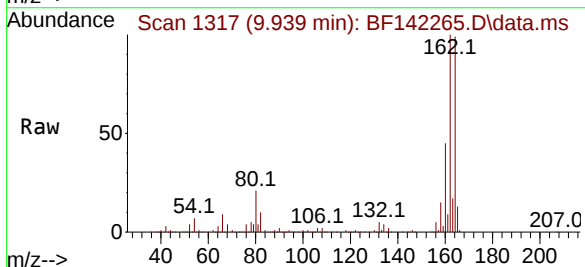
Tgt Ion:165 Resp: 48014

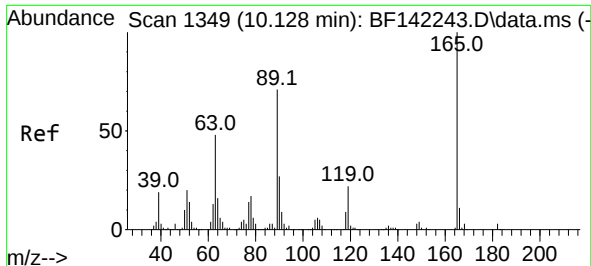
Ion Ratio Lower Upper

165 100

63 0.9 48.5 72.7#

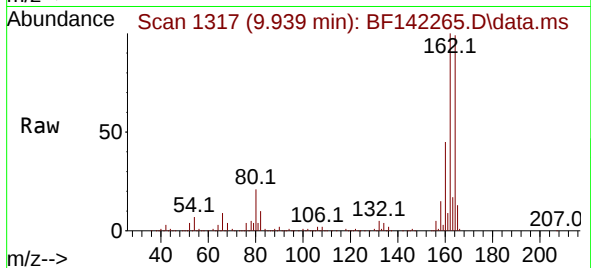
89 1.0 43.9 65.9#



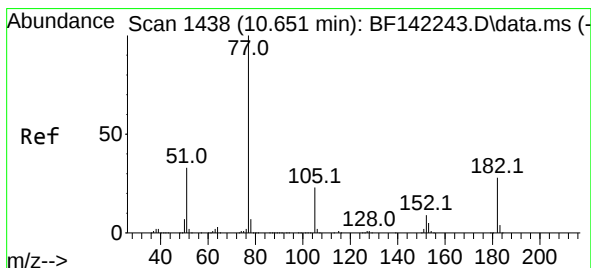
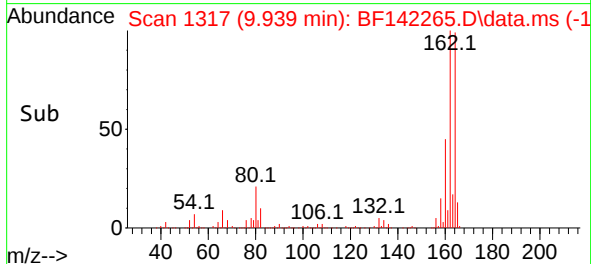
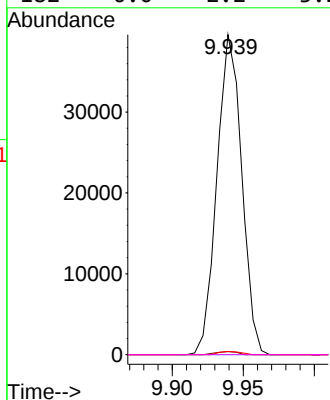


#57
2,4-Dinitrotoluene
Concen: 12.994 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF142265.D
Acq: 01 May 2025 17:29

Instrument :
BNA_F
ClientSampleId :
WC-4

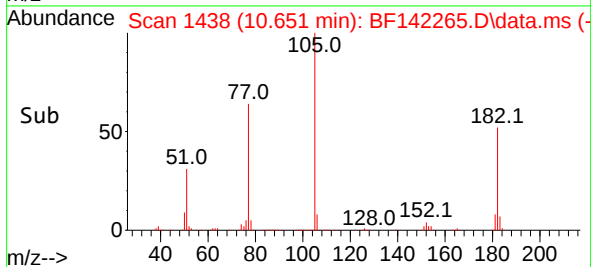
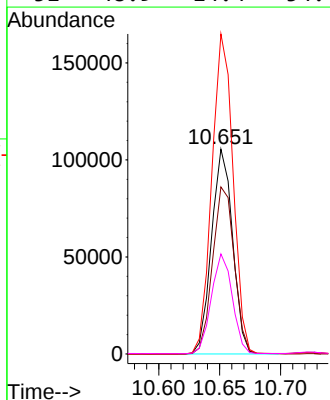
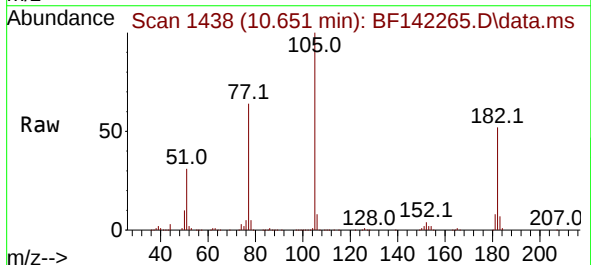


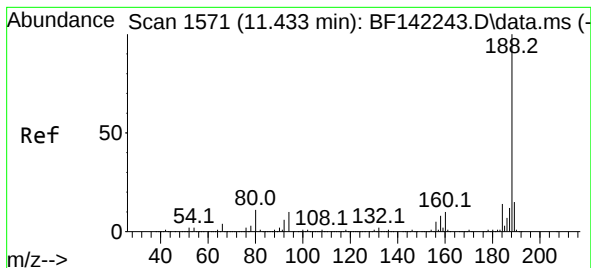
Tgt Ion:165 Resp: 48014
Ion Ratio Lower Upper
165 100
63 0.9 38.8 58.2#
89 1.0 57.1 85.7#
182 0.0 2.2 3.2#



#63
Azobenzene
Concen: 5.611 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF142265.D
Acq: 01 May 2025 17:29

Tgt Ion: 77 Resp: 127143
Ion Ratio Lower Upper
77 100
182 81.6 7.3 47.3#
105 156.3 2.5 42.5#
51 48.9 14.4 54.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142265.D

Acq: 01 May 2025 17:29

Instrument :

BNA_F

ClientSampleId :

WC-4

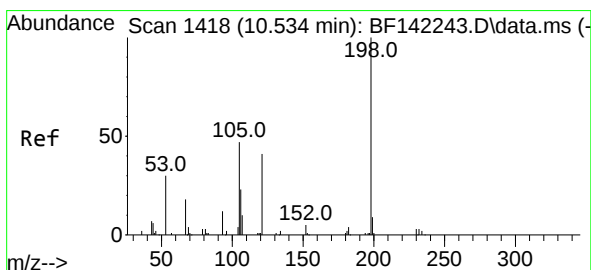
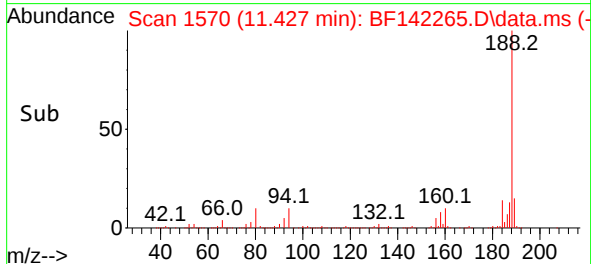
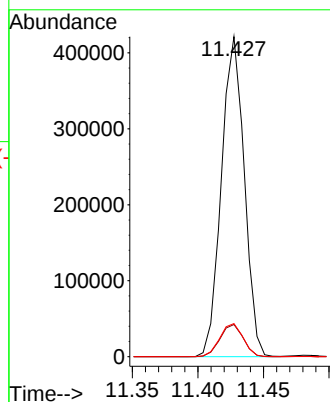
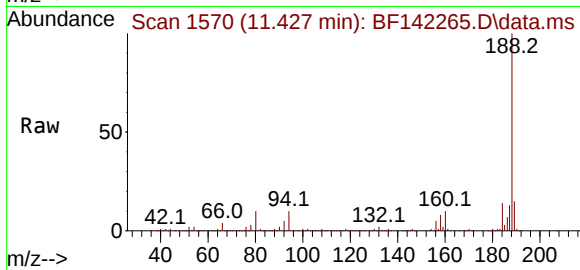
Tgt Ion:188 Resp: 510749

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

80 10.3 8.6 12.8



#65

4,6-Dinitro-2-methylphenol

Concen: 10.799 ng

RT: 10.727 min Scan# 1451

Delta R.T. 0.193 min

Lab File: BF142265.D

Acq: 01 May 2025 17:29

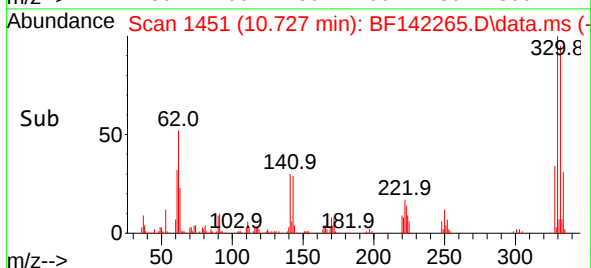
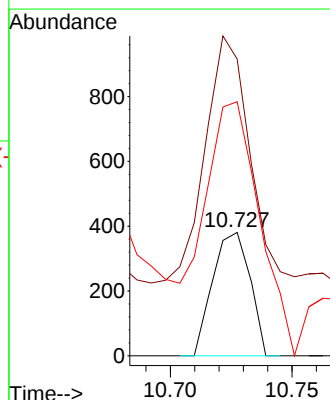
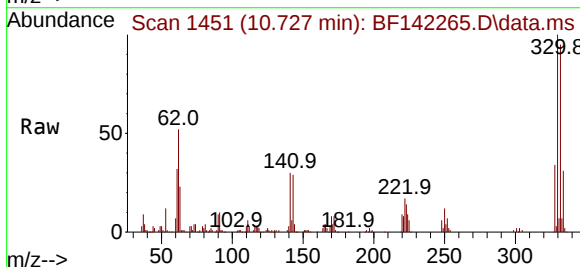
Tgt Ion:198 Resp: 405

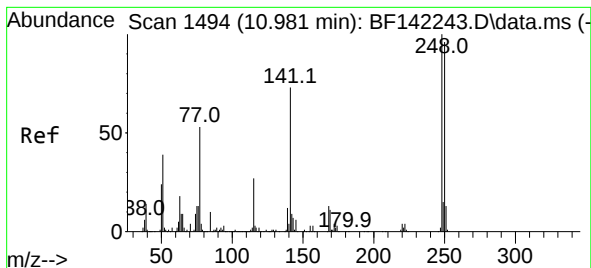
Ion Ratio Lower Upper

198 100

51 240.4 40.6 80.6#

105 205.8 29.2 69.2#

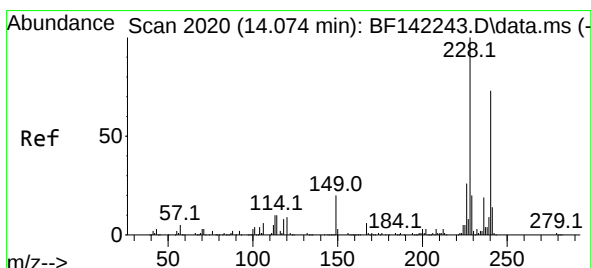
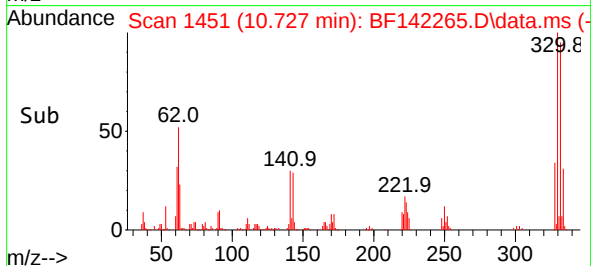
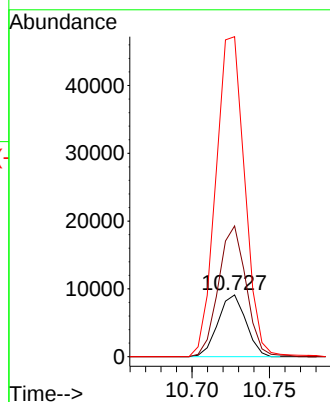
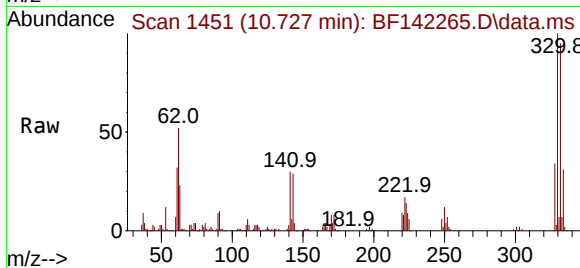




#67
4-Bromophenyl-phenylether
Concen: 2.009 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF142265.D
Acq: 01 May 2025 17:29

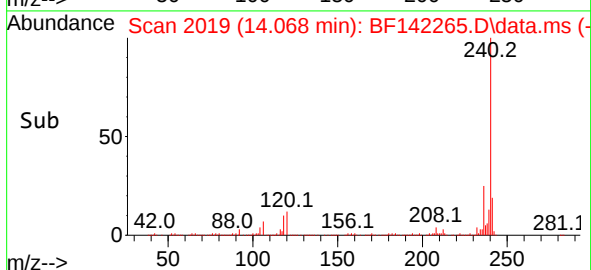
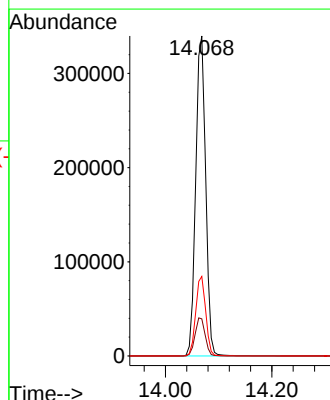
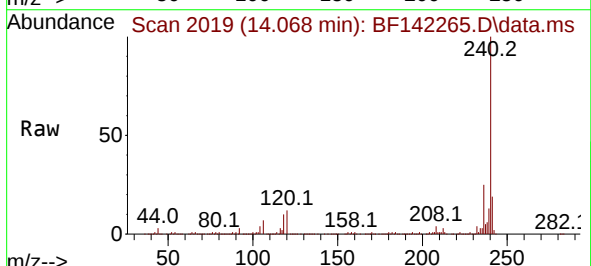
Instrument :
BNA_F
ClientSampleId :
WC-4

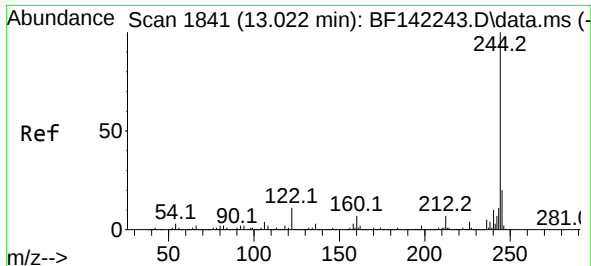
Tgt Ion:248 Resp: 11429
Ion Ratio Lower Upper
248 100
250 211.8 77.2 115.8#
141 518.4 58.4 87.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142265.D
Acq: 01 May 2025 17:29

Tgt Ion:240 Resp: 441054
Ion Ratio Lower Upper
240 100
120 11.6 10.1 15.1
236 24.9 20.5 30.7

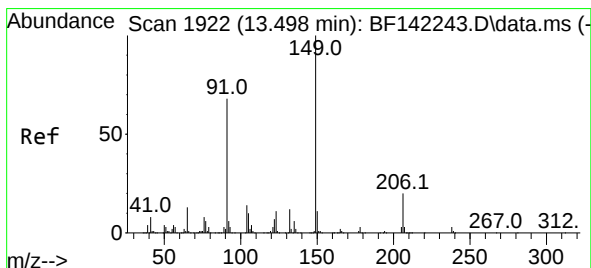
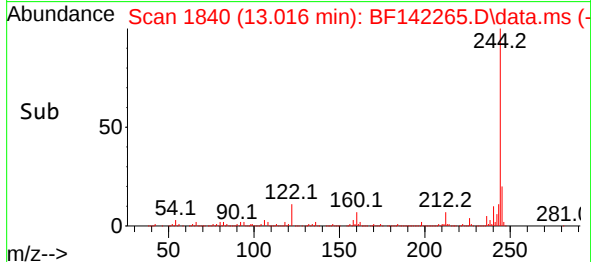
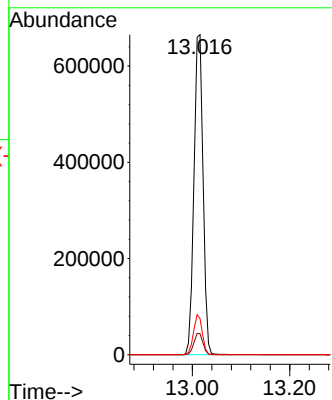
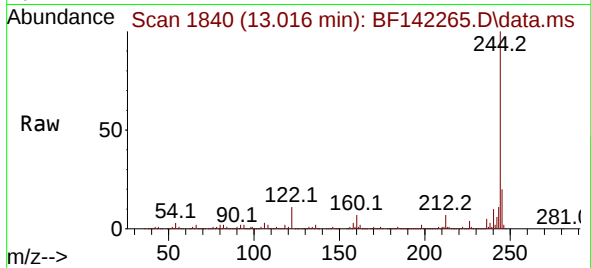




#79
 Terphenyl-d14
 Concen: 28.606 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142265.D
 Acq: 01 May 2025 17:29

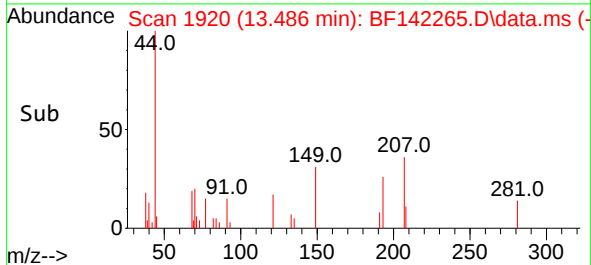
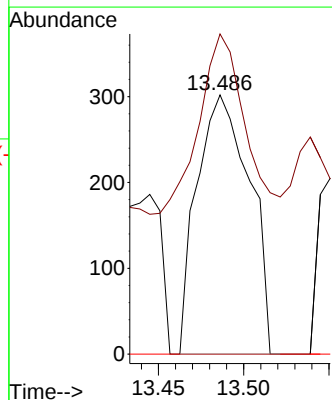
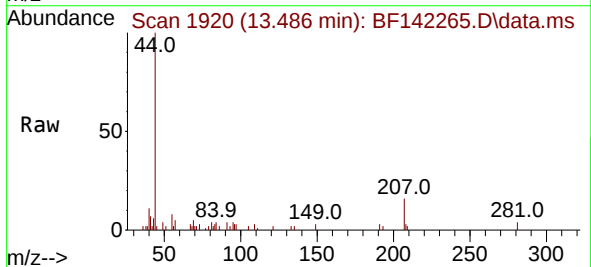
Instrument :
 BNA_F
 ClientSampleId :
 WC-4

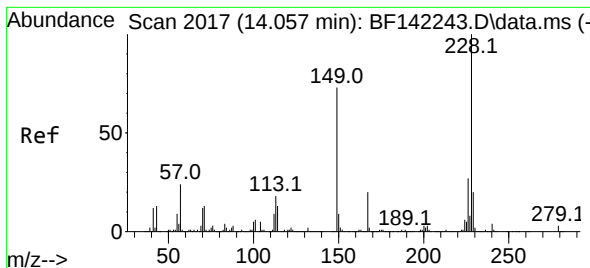
Tgt Ion:244 Resp: 867484
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 11.3 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 3.770 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.012 min
 Lab File: BF142265.D
 Acq: 01 May 2025 17:29

Tgt Ion:149 Resp: 648
 Ion Ratio Lower Upper
 149 100
 91 123.5 54.4 81.6#
 206 0.0 15.9 23.9#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.585 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142265.D

Acq: 01 May 2025 17:29

Instrument :

BNA_F

ClientSampleId :

WC-4

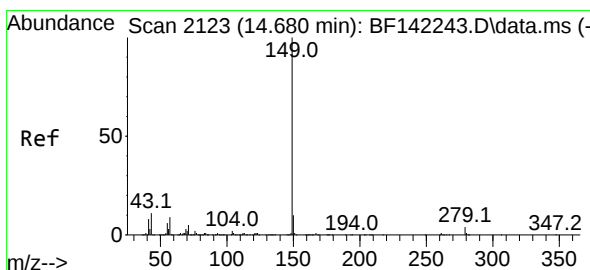
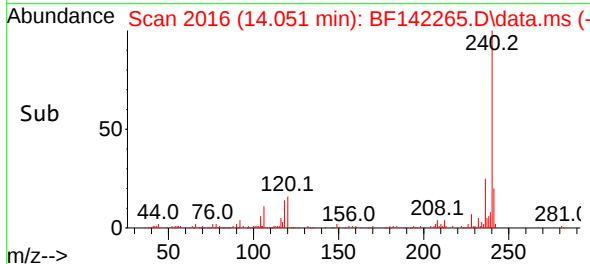
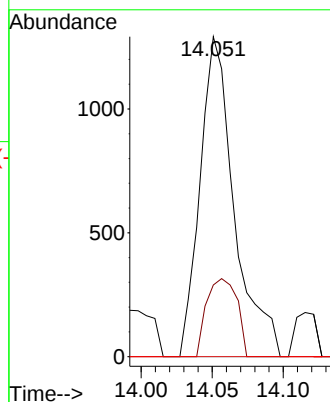
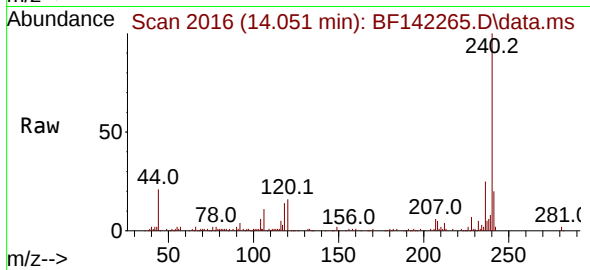
Tgt Ion:149 Resp: 2168

Ion Ratio Lower Upper

149 100

167 22.4 21.7 32.5

279 0.0 3.0 4.4#



#85

Di-n-octyl phthalate

Concen: 6.095 ng

RT: 14.668 min Scan# 2121

Delta R.T. -0.012 min

Lab File: BF142265.D

Acq: 01 May 2025 17:29

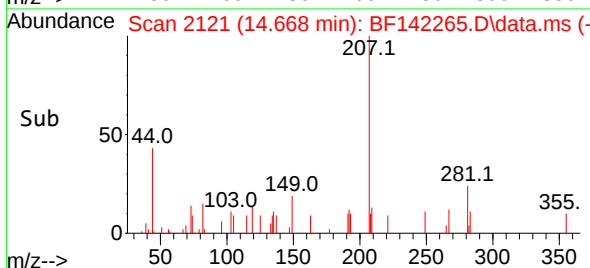
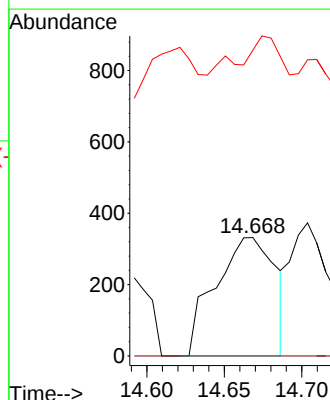
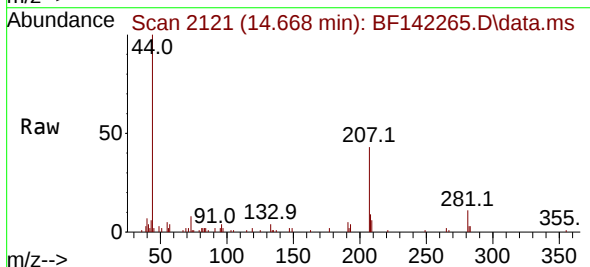
Tgt Ion:149 Resp: 889

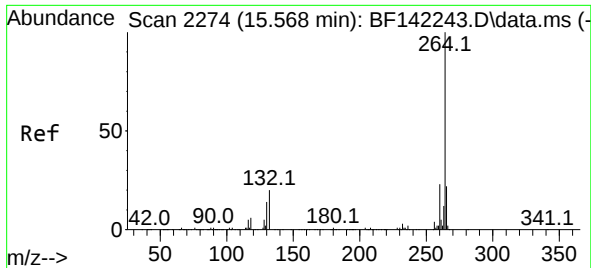
Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

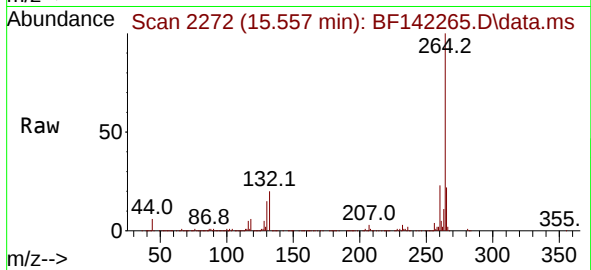
43 0.0 9.3 13.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142265.D
Acq: 01 May 2025 17:29

Instrument :
BNA_F
ClientSampleId :
WC-4



Tgt Ion:264 Resp: 435448

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	21.5	17.3	25.9

