

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142423.D
 Acq On : 16 May 2025 13:19
 Operator : RC/JU
 Sample : Q2048-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L2-WC-1

Quant Time: May 16 13:45:36 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)

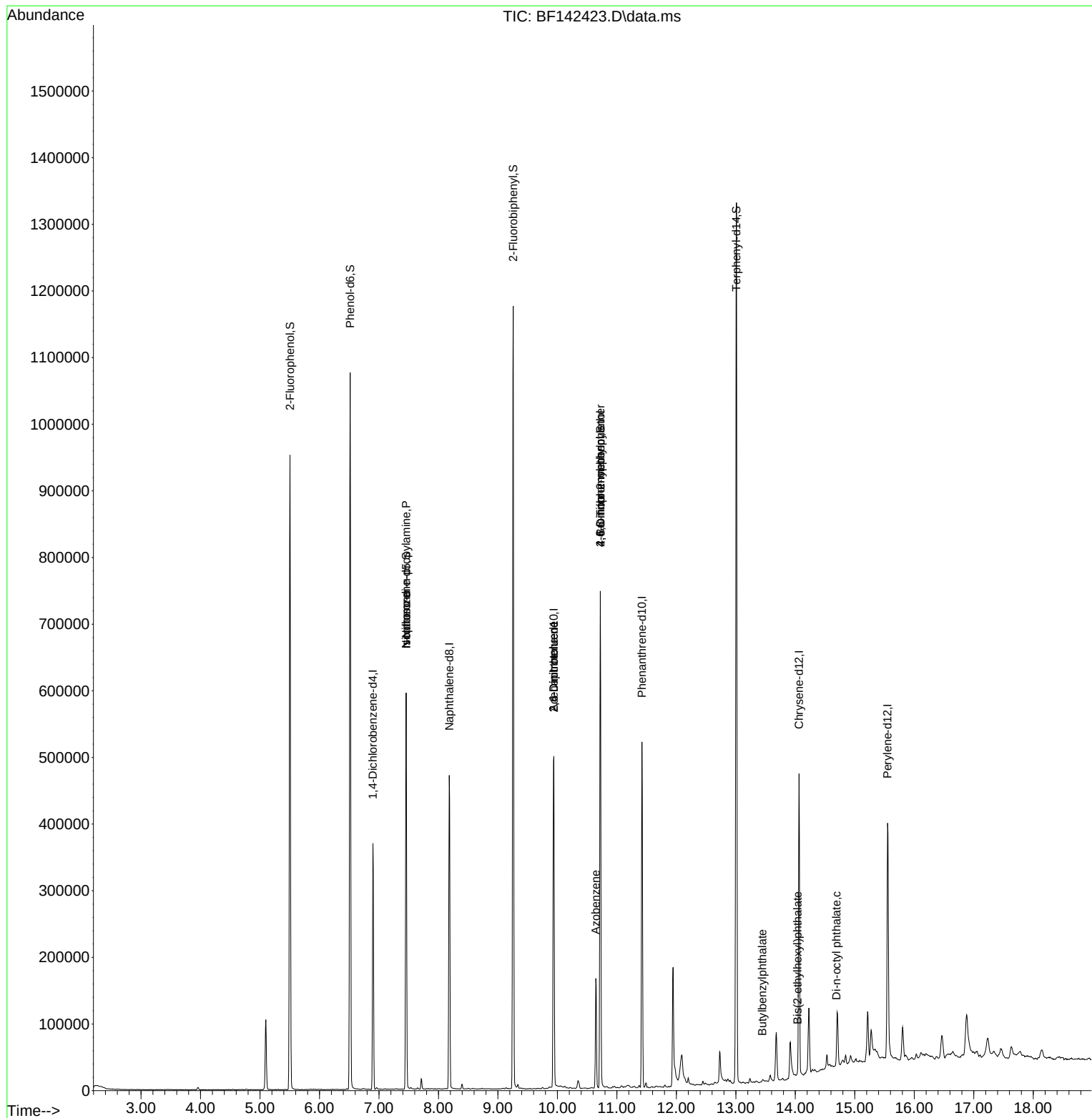
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	79507	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	300597	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	154979	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	266583	20.000	ng	-0.01
76) Chrysene-d12	14.062	240	215522	20.000	ng	0.00
86) Perylene-d12	15.551	264	211844	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	355926	76.420	ng	0.00
7) Phenol-d6	6.516	99	474108	82.765	ng	0.00
23) Nitrobenzene-d5	7.457	82	232804	47.233	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	129588	86.606	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	523245	48.141	ng	0.00
79) Terphenyl-d14	13.010	244	617722	42.422	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	30669	8.655	ng	# 79
25) Isophorone	7.457	82	230585	24.705	ng	# 62
51) 2,6-Dinitrotoluene	9.939	165	18933	10.164	ng	# 21
57) 2,4-Dinitrotoluene	9.939	165	18933	7.924	ng	# 23
63) Azobenzene	10.645	77	39820	4.193	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.722	198	59	7.225	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	7628	2.525	ng	# 1
80) Butylbenzylphthalate	13.445	149	112	3.678	ng	# 44
84) Bis(2-ethylhexyl)phtha...	14.039	149	1677	4.447	ng	# 84
85) Di-n-octyl phthalate	14.692	149	241	7.855	ng	# 1

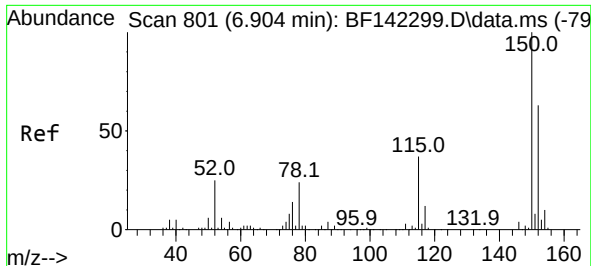
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
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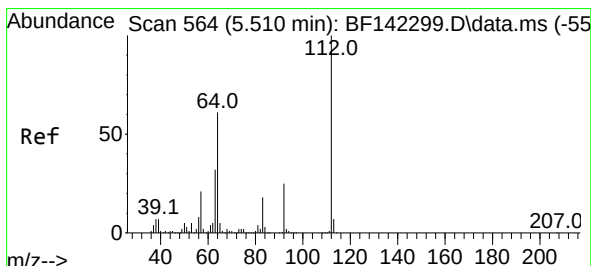
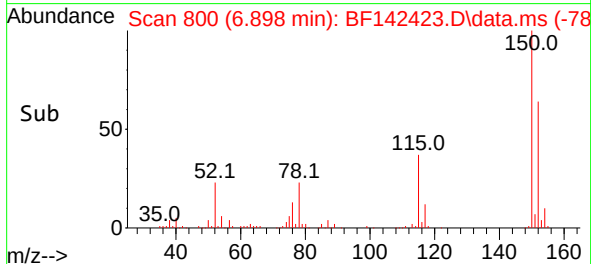
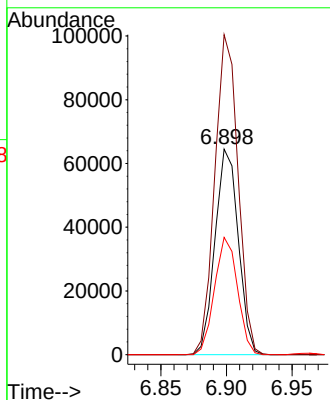
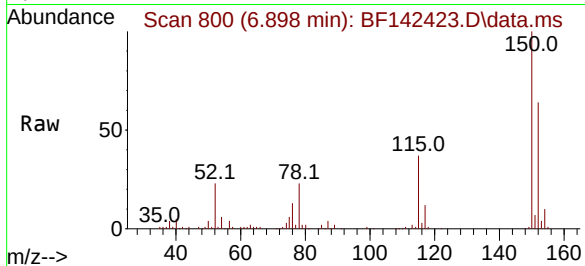




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142423.D
Acq: 16 May 2025 13:19

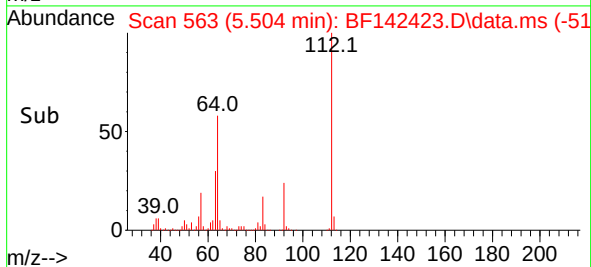
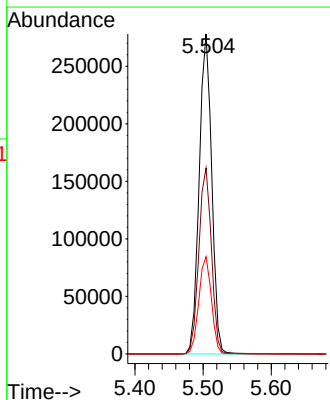
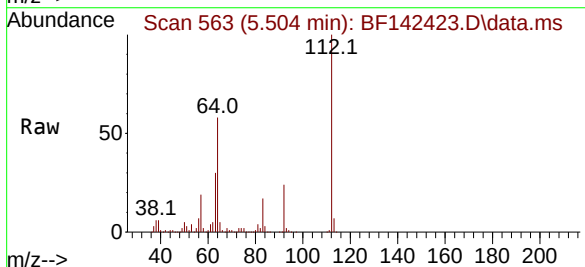
Instrument :
BNA_F
ClientSampleId :
L2-WC-1

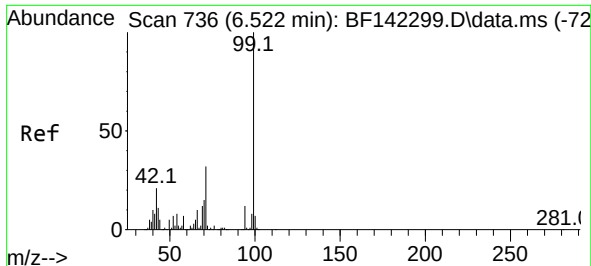
Tgt Ion:152 Resp: 79507
Ion Ratio Lower Upper
152 100
150 155.6 126.6 190.0
115 57.0 47.3 70.9



#5
2-Fluorophenol
Concen: 76.420 ng
RT: 5.504 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF142423.D
Acq: 16 May 2025 13:19

Tgt Ion:112 Resp: 355926
Ion Ratio Lower Upper
112 100
64 58.1 48.9 73.3
63 30.4 25.6 38.4





#7
Phenol-d6
Concen: 82.765 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142423.D
Acq: 16 May 2025 13:19

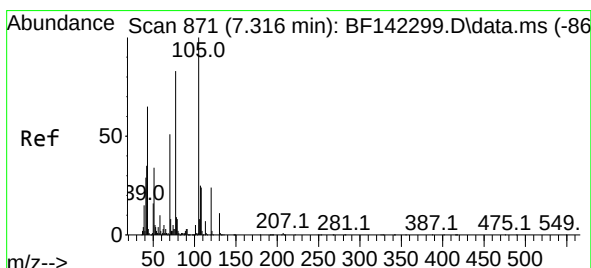
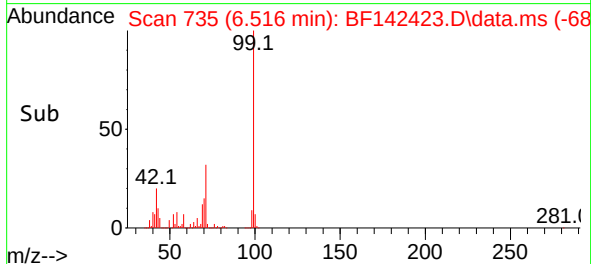
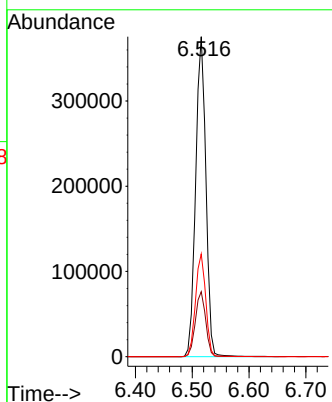
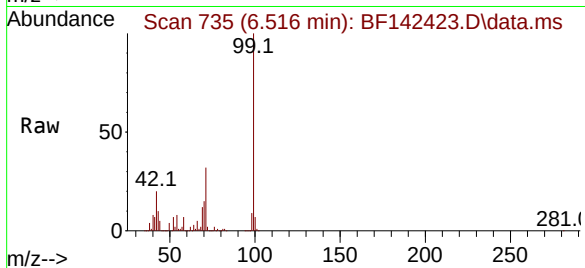
Instrument :

BNA_F

ClientSampleId :

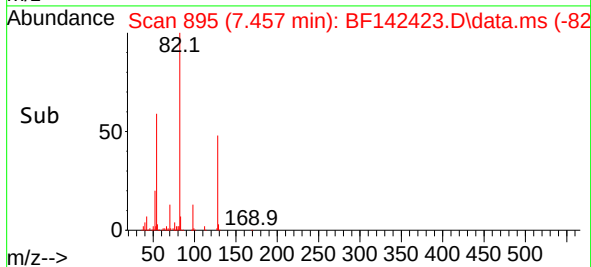
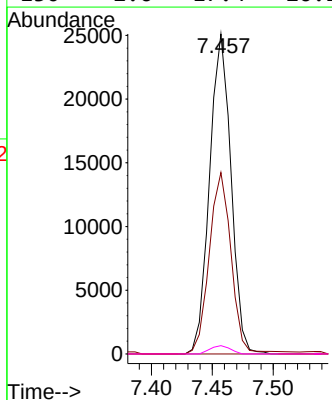
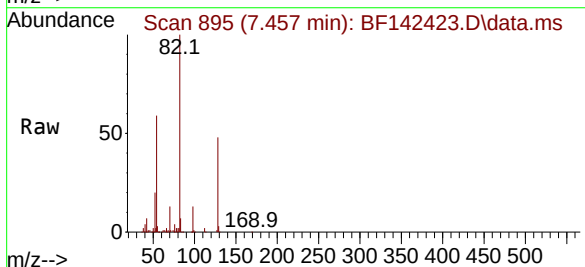
L2-WC-1

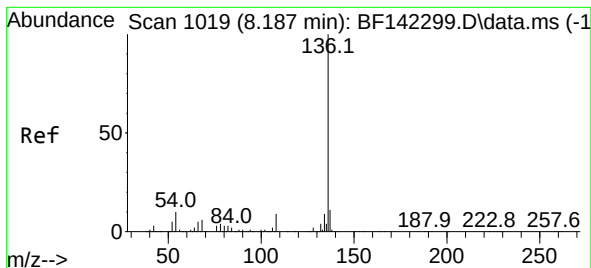
Tgt Ion: 99 Resp: 474108
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.4
71 32.1 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 8.655 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF142423.D
Acq: 16 May 2025 13:19

Tgt Ion: 70 Resp: 30669
Ion Ratio Lower Upper
70 100
42 56.7 54.8 82.2
101 0.0 7.7 11.5#
130 2.6 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: BF142423.D

Acq: 16 May 2025 13:19

Instrument :

BNA_F

ClientSampleId :

L2-WC-1

Tgt Ion:136 Resp: 300597

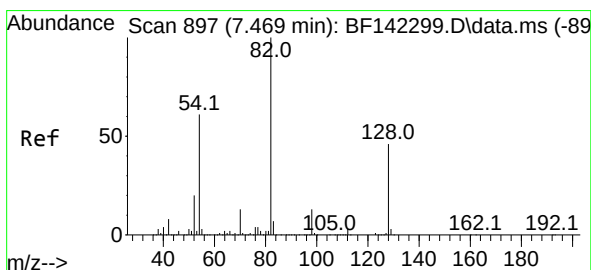
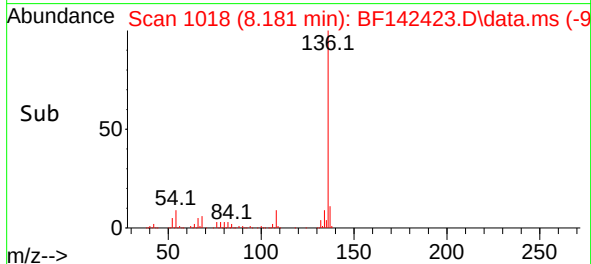
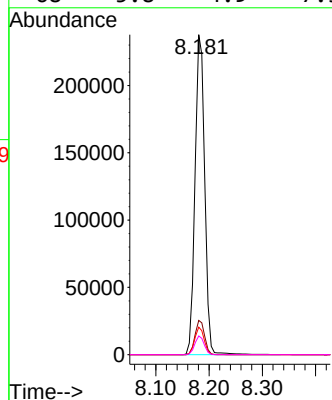
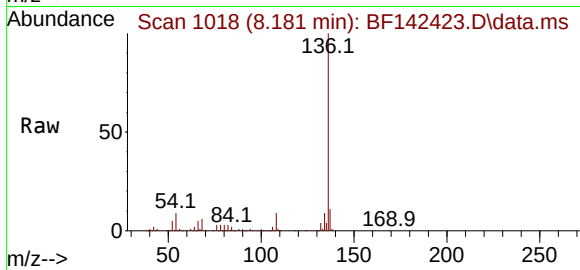
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.6 7.7 11.5

68 5.8 4.9 7.3



#23

Nitrobenzene-d5

Concen: 47.233 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF142423.D

Acq: 16 May 2025 13:19

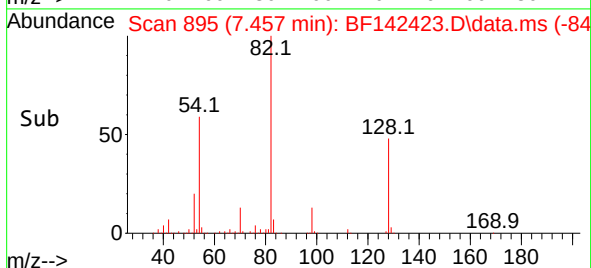
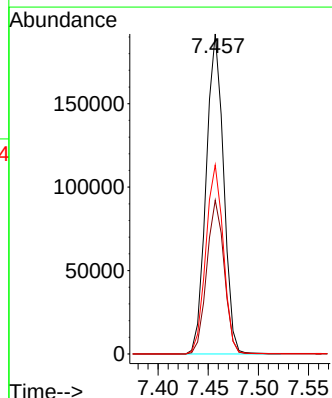
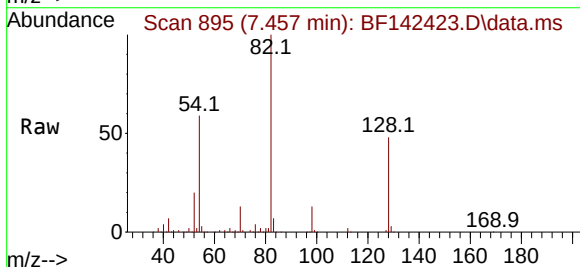
Tgt Ion: 82 Resp: 232804

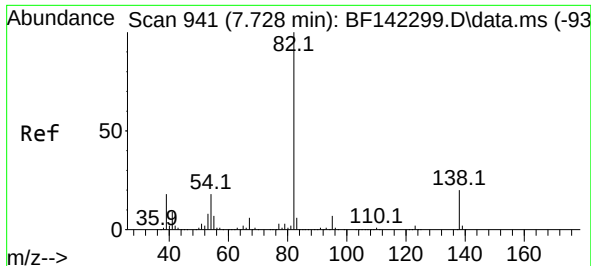
Ion Ratio Lower Upper

82 100

128 48.1 37.0 55.6

54 59.1 48.6 73.0

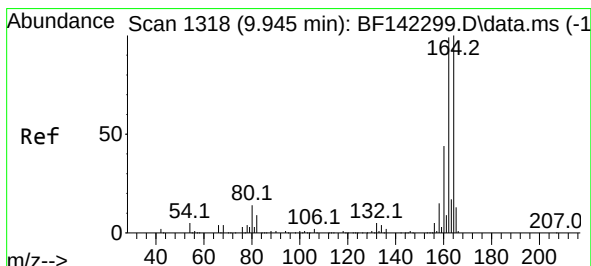
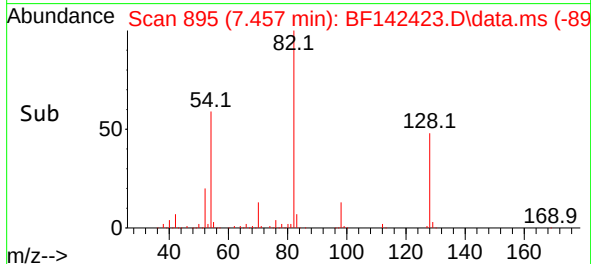
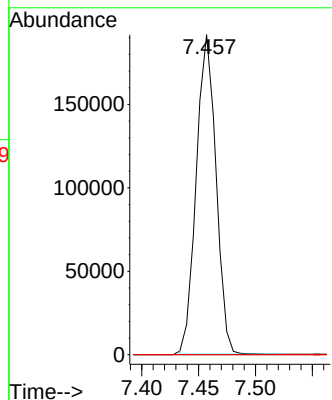
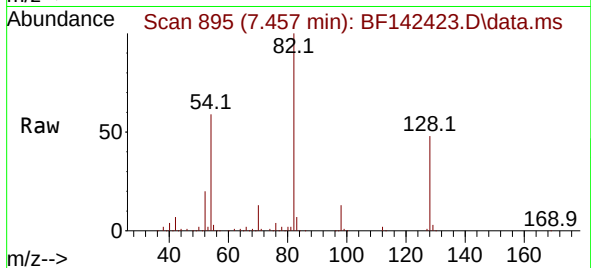




#25
Isophorone
Concen: 24.705 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF142423.D
Acq: 16 May 2025 13:19

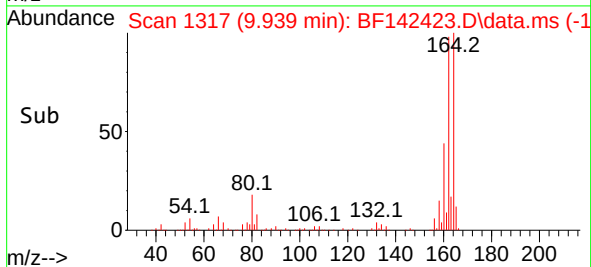
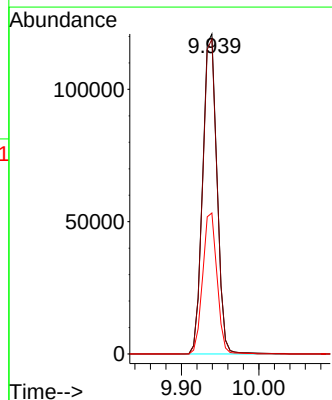
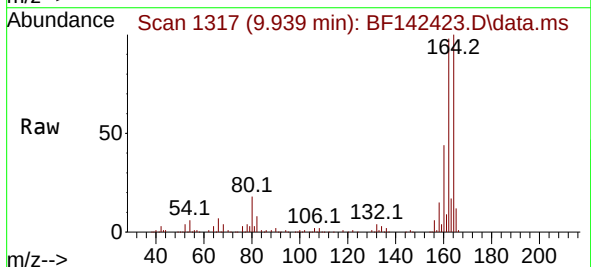
Instrument :
BNA_F
ClientSampleId :
L2-WC-1

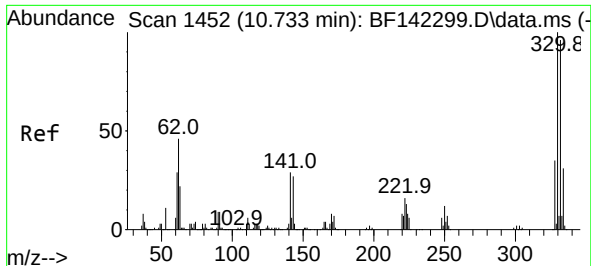
Tgt Ion: 82 Resp: 230585
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142423.D
Acq: 16 May 2025 13:19

Tgt Ion:164 Resp: 154979
Ion Ratio Lower Upper
164 100
162 98.4 79.2 118.8
160 44.1 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 86.606 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF142423.D

Acq: 16 May 2025 13:19

Instrument :

BNA_F

ClientSampleId :

L2-WC-1

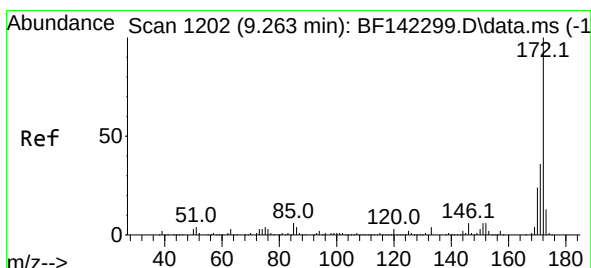
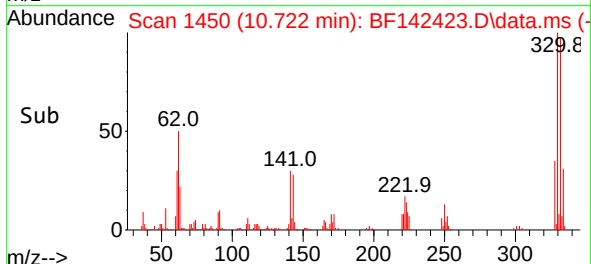
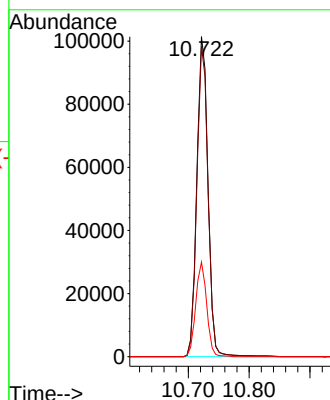
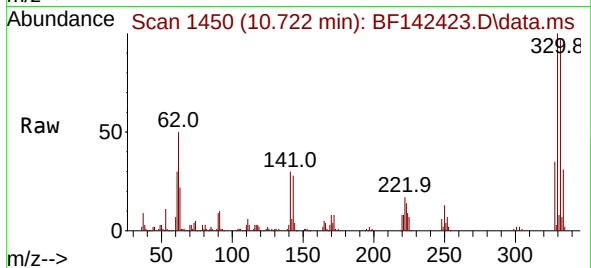
Tgt Ion:330 Resp: 129588

Ion Ratio Lower Upper

330 100

332 97.0 76.8 115.2

141 28.9 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 48.141 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142423.D

Acq: 16 May 2025 13:19

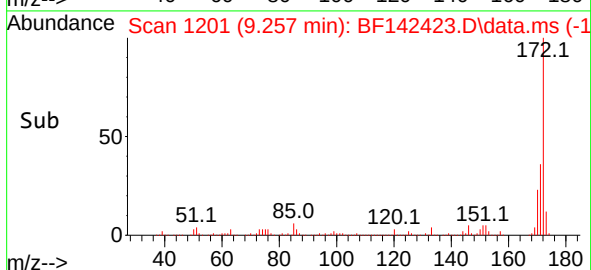
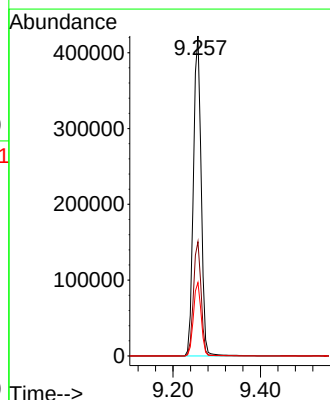
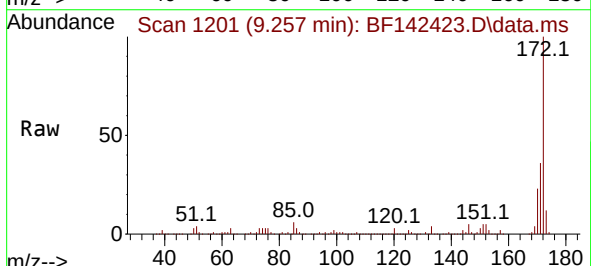
Tgt Ion:172 Resp: 523245

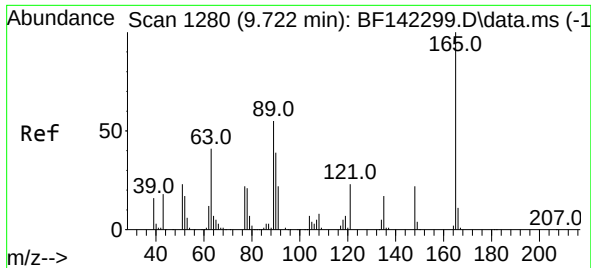
Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 22.9 19.0 28.4

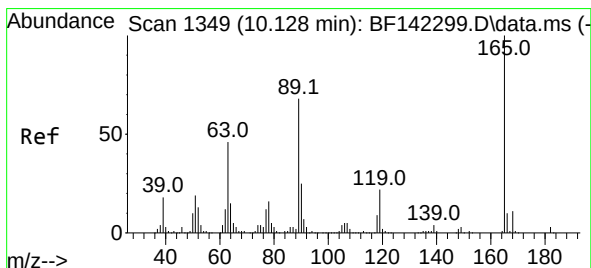
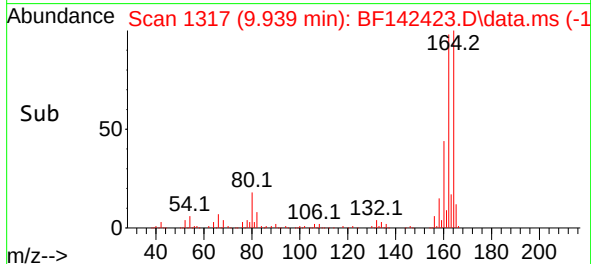
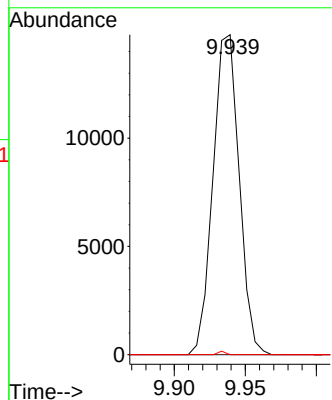
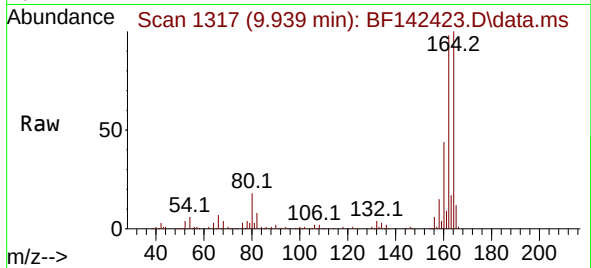




#51
2,6-Dinitrotoluene
Concen: 10.164 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.217 min
Lab File: BF142423.D
Acq: 16 May 2025 13:19

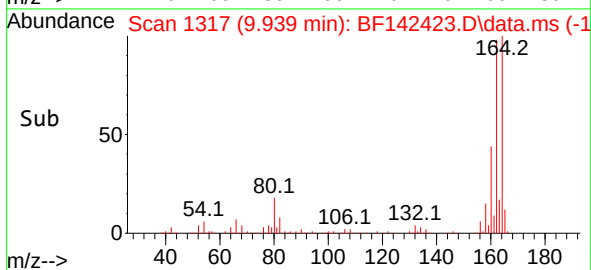
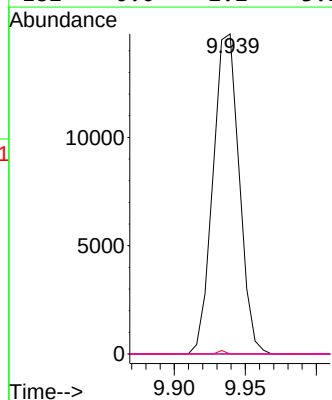
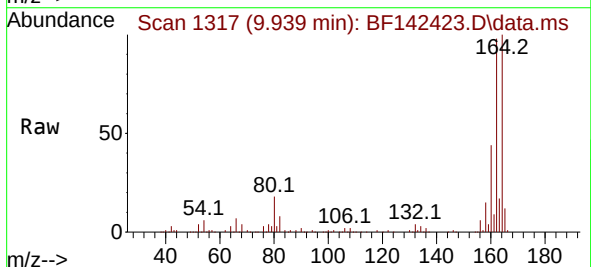
Instrument :
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L2-WC-1

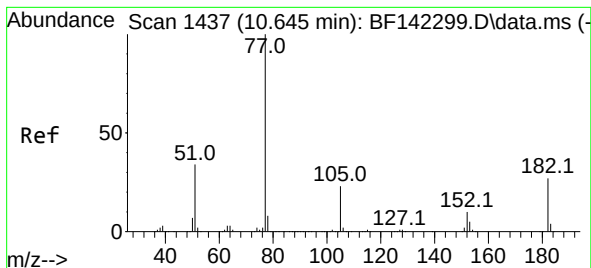
Tgt Ion:165 Resp: 18933
Ion Ratio Lower Upper
165 100
63 0.0 49.5 74.3#
89 0.0 44.6 66.8#



#57
2,4-Dinitrotoluene
Concen: 7.924 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF142423.D
Acq: 16 May 2025 13:19

Tgt Ion:165 Resp: 18933
Ion Ratio Lower Upper
165 100
63 0.0 37.1 55.7#
89 0.0 54.4 81.6#
182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 4.193 ng

RT: 10.645 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF142423.D

Acq: 16 May 2025 13:19

Instrument :

BNA_F

ClientSampleId :

L2-WC-1

Tgt Ion: 77 Resp: 39820

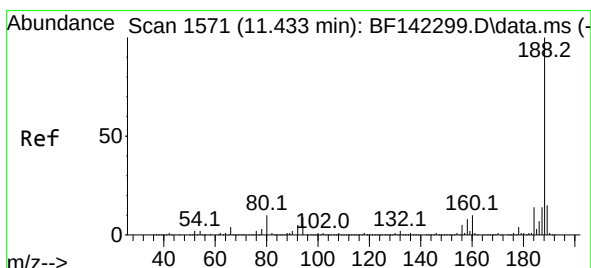
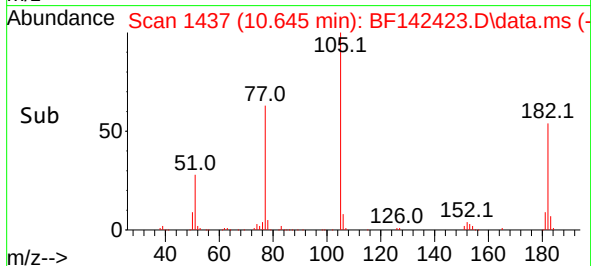
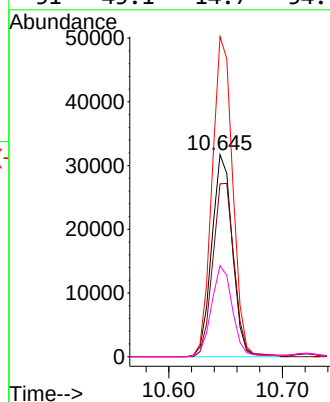
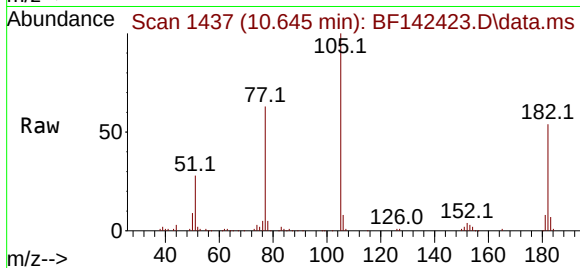
Ion Ratio Lower Upper

77 100

182 85.6 6.9 46.9#

105 158.4 2.7 42.7#

51 45.1 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.421 min Scan# 1569

Delta R.T. -0.012 min

Lab File: BF142423.D

Acq: 16 May 2025 13:19

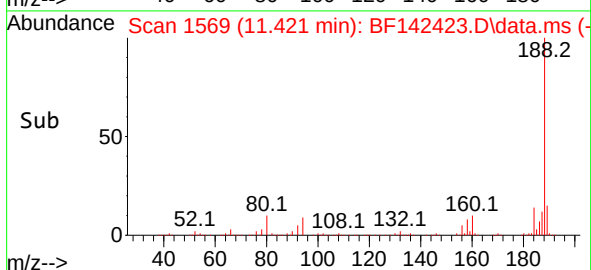
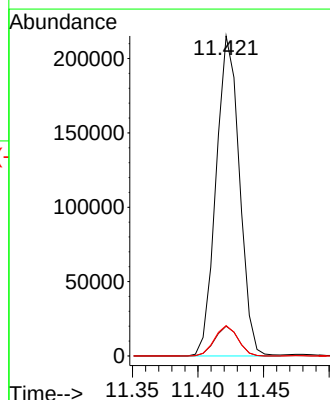
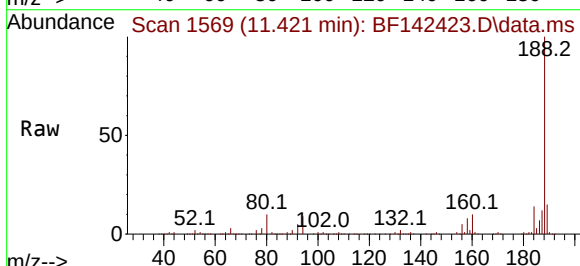
Tgt Ion: 188 Resp: 266583

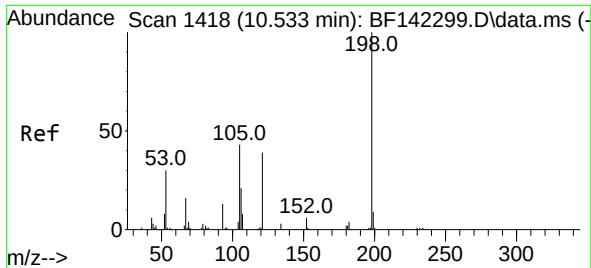
Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 9.5 7.9 11.9

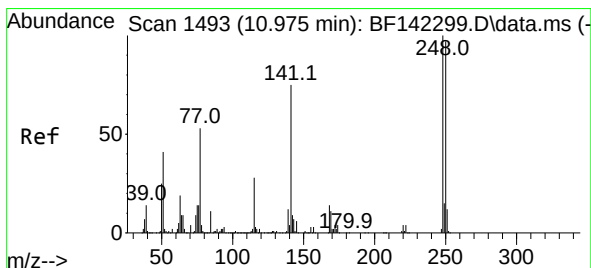
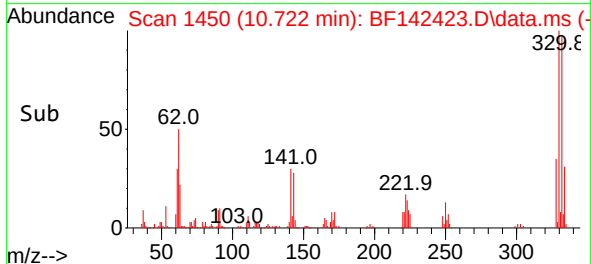
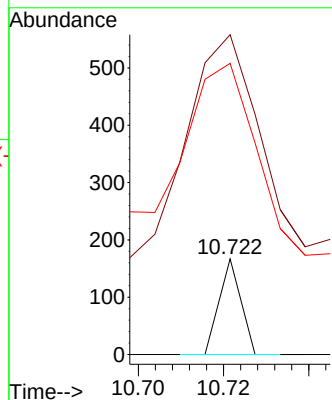
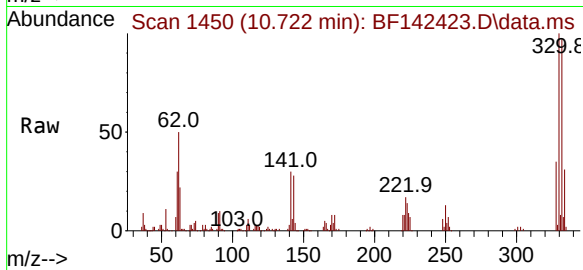




#65
4,6-Dinitro-2-methylphenol
Concen: 7.225 ng
RT: 10.722 min Scan# 1418
Delta R.T. 0.189 min
Lab File: BF142423.D
Acq: 16 May 2025 13:19

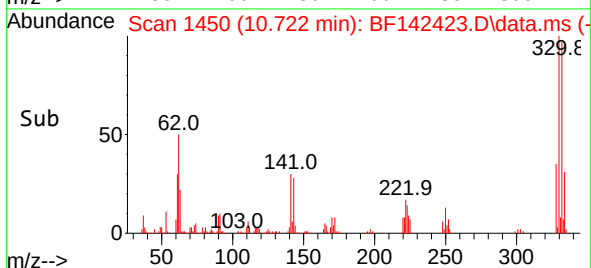
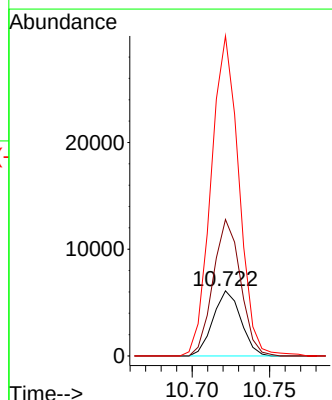
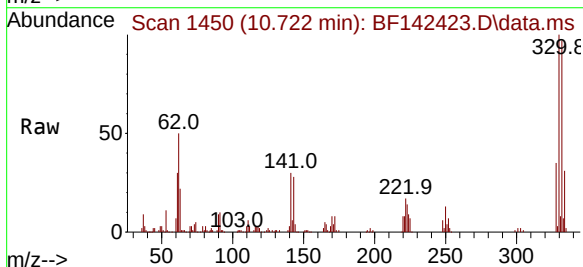
Instrument :
BNA_F
ClientSampleId :
L2-WC-1

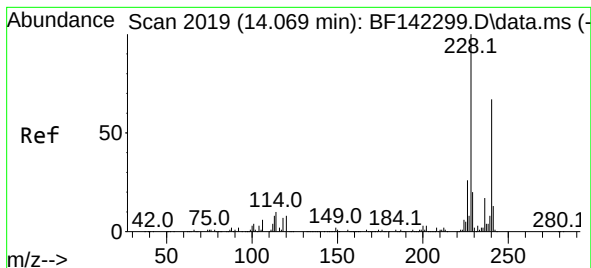
Tgt Ion:198 Resp: 59
Ion Ratio Lower Upper
198 100
51 334.1 32.9 72.9#
105 304.2 23.7 63.7#



#67
4-Bromophenyl-phenylether
Concen: 2.525 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF142423.D
Acq: 16 May 2025 13:19

Tgt Ion:248 Resp: 7628
Ion Ratio Lower Upper
248 100
250 209.4 77.9 116.9#
141 490.8 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142423.D

Acq: 16 May 2025 13:19

Instrument :

BNA_F

ClientSampleId :

L2-WC-1

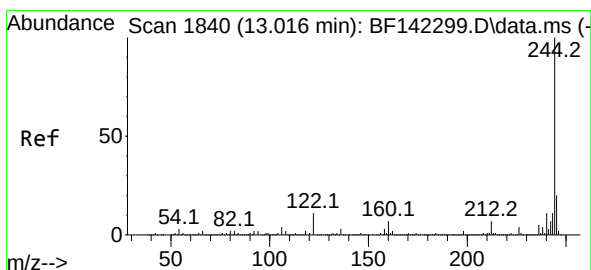
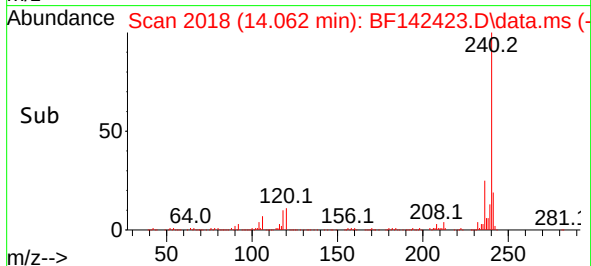
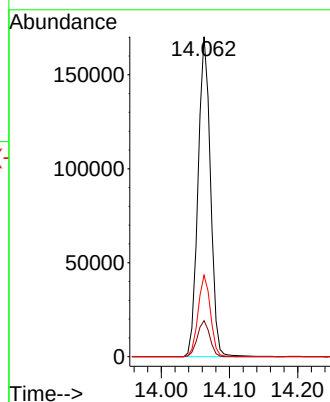
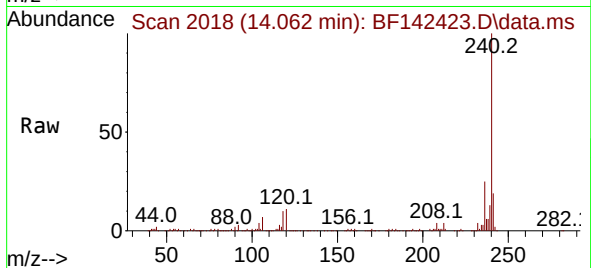
Tgt Ion:240 Resp: 215522

Ion Ratio Lower Upper

240 100

120 11.3 9.7 14.5

236 25.5 20.0 30.0



#79

Terphenyl-d14

Concen: 42.422 ng

RT: 13.010 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF142423.D

Acq: 16 May 2025 13:19

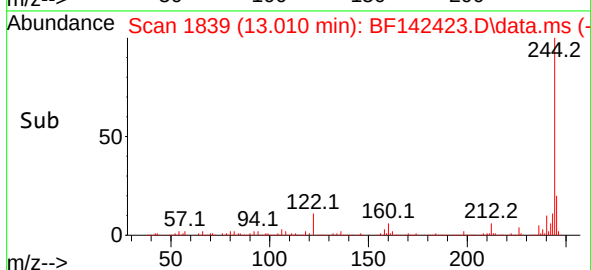
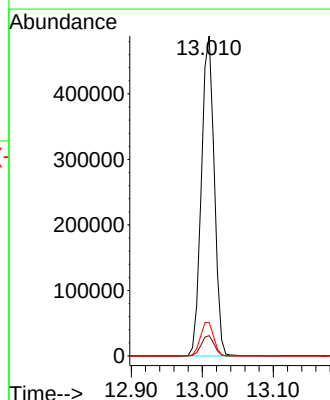
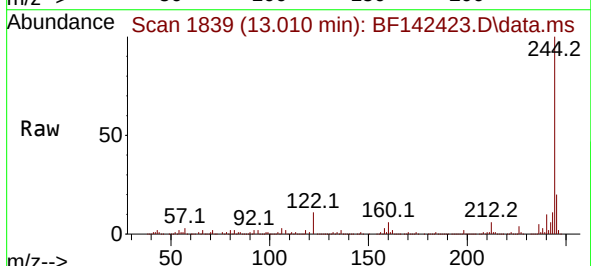
Tgt Ion:244 Resp: 617722

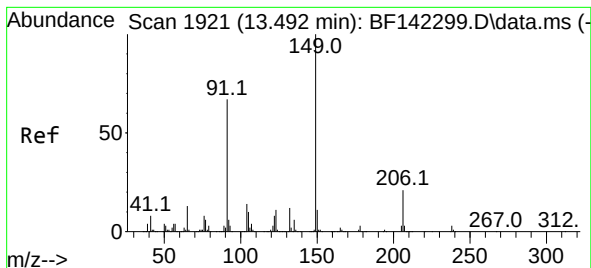
Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

122 10.5 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.678 ng

RT: 13.445 min Scan# 19

Delta R.T. -0.047 min

Lab File: BF142423.D

Acq: 16 May 2025 13:19

Instrument :

BNA_F

ClientSampleId :

L2-WC-1

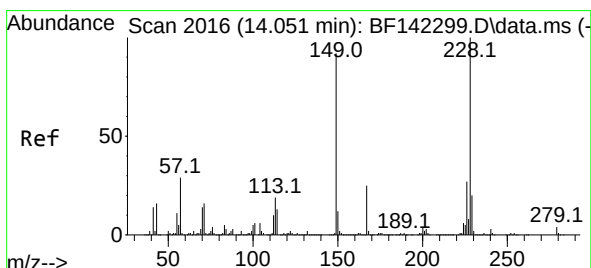
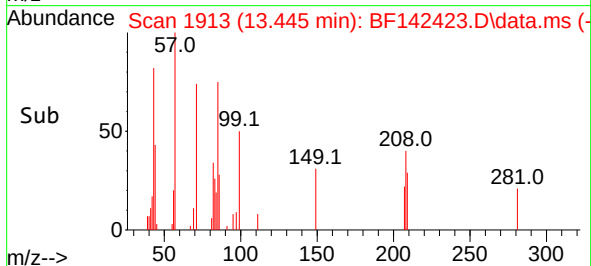
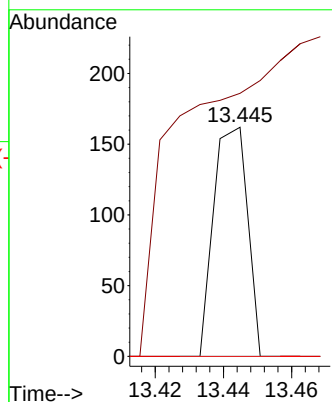
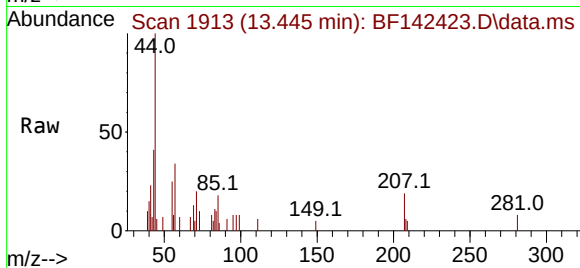
Tgt Ion:149 Resp: 112

Ion Ratio Lower Upper

149 100

91 114.8 53.8 80.6#

206 0.0 16.6 24.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.447 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF142423.D

Acq: 16 May 2025 13:19

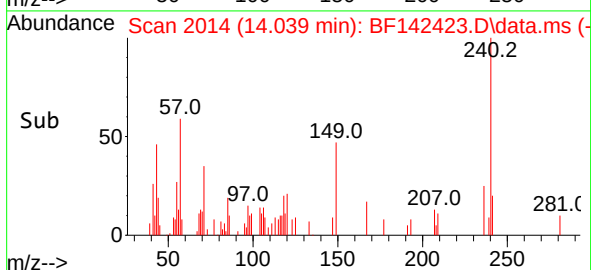
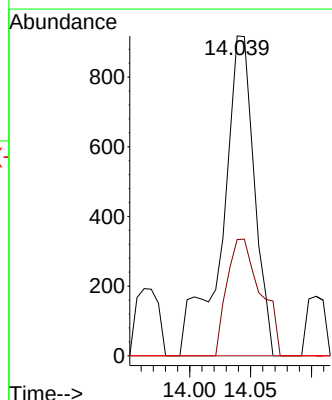
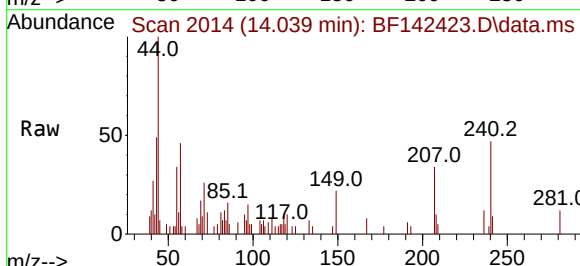
Tgt Ion:149 Resp: 1677

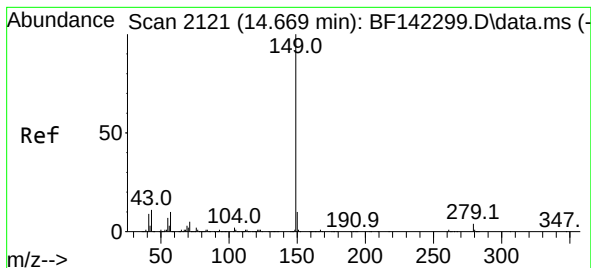
Ion Ratio Lower Upper

149 100

167 36.4 22.0 33.0#

279 0.0 3.0 4.6#





#85

Di-n-octyl phthalate

Concen: 7.855 ng

RT: 14.692 min Scan# 2125

Delta R.T. 0.023 min

Lab File: BF142423.D

Acq: 16 May 2025 13:19

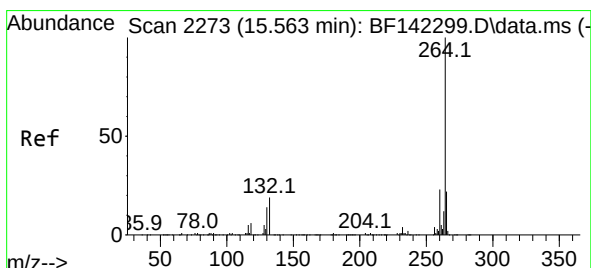
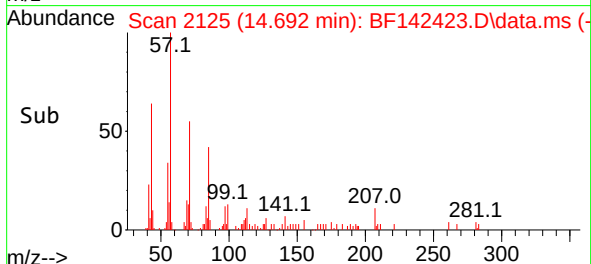
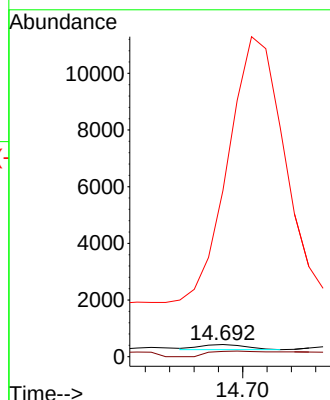
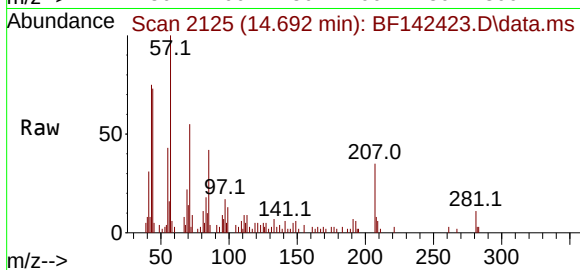
Instrument :

BNA_F

ClientSampleId :

L2-WC-1

Tgt Ion:	149	Resp:	241
Ion Ratio	Lower	Upper	
149	100		
167	251.5	1.1	1.7#
43	6690.5	9.2	13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF142423.D

Acq: 16 May 2025 13:19

Tgt Ion:	264	Resp:	211844
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.6	27.8
265	21.1	17.5	26.3

