

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142424.D
 Acq On : 16 May 2025 13:48
 Operator : RC/JU
 Sample : Q2048-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L2-WC-4

Quant Time: May 16 14:08:52 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)

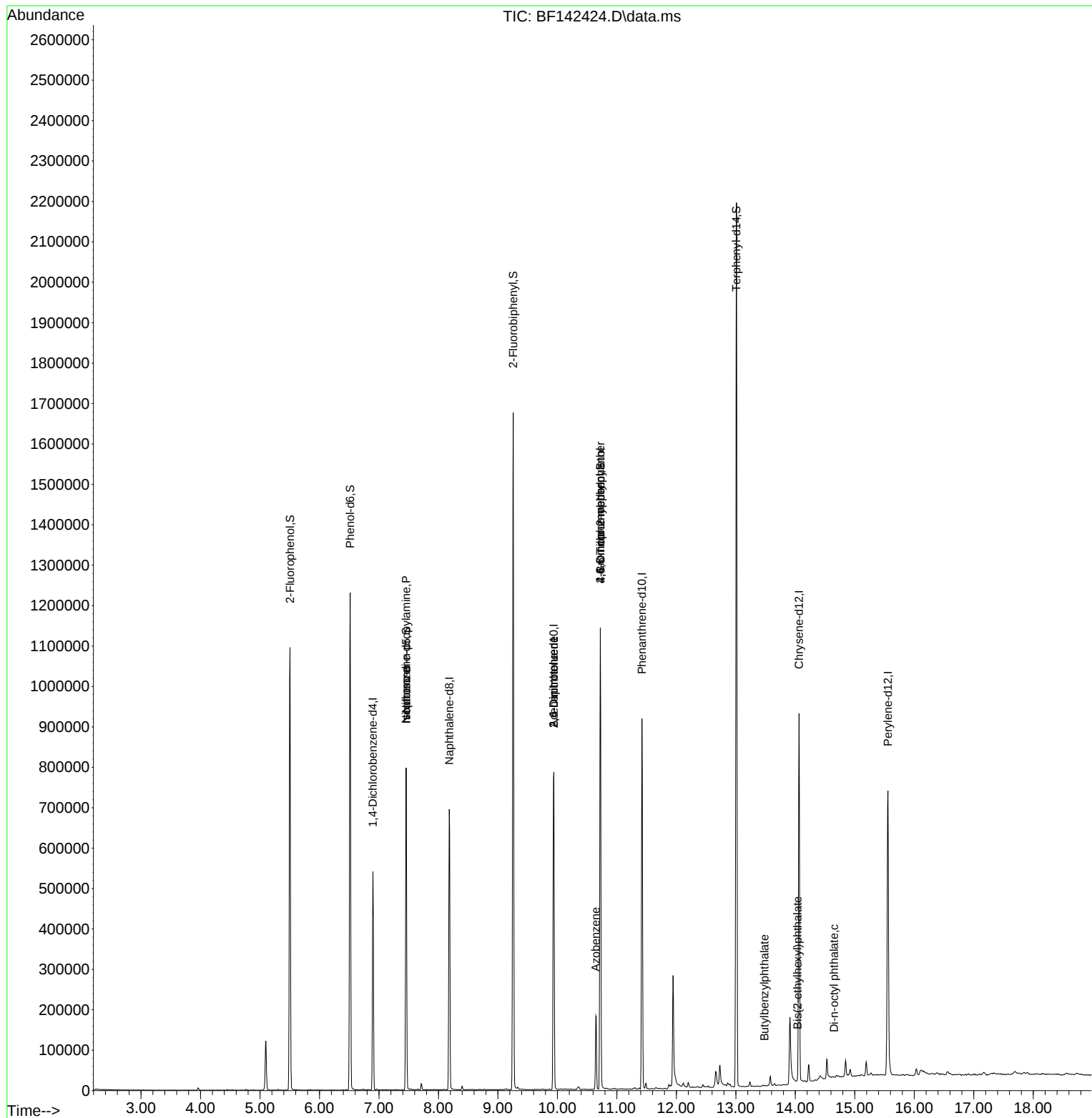
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	115378	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	441576	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	243538	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	470827	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	439535	20.000	ng	0.00
86) Perylene-d12	15.557	264	421568	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	412323	61.005	ng	0.00
7) Phenol-d6	6.516	99	554724	66.731	ng	0.00
23) Nitrobenzene-d5	7.457	82	318452	43.982	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	199798	84.973	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	750904	43.964	ng	0.00
79) Terphenyl-d14	13.010	244	1048498	35.307	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	42232	8.213	ng	# 76
25) Isophorone	7.457	82	315193	22.989	ng	# 62
51) 2,6-Dinitrotoluene	9.939	165	32248	11.017	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	32248	8.589	ng	# 25
63) Azobenzene	10.645	77	43905	2.942	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.722	198	374	7.330	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	12007	2.250	ng	# 1
80) Butylbenzylphthalate	13.480	149	108	3.668	ng	# 44
84) Bis(2-ethylhexyl)phtha...	14.039	149	1948	4.356	ng	# 93
85) Di-n-octyl phthalate	14.651	149	343	7.850	ng	# 60

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

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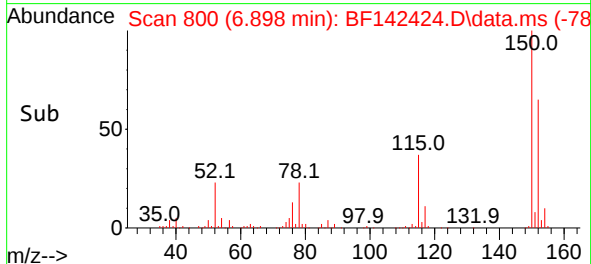
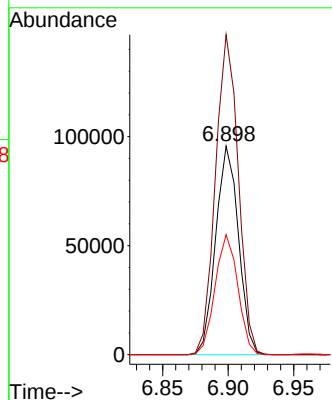
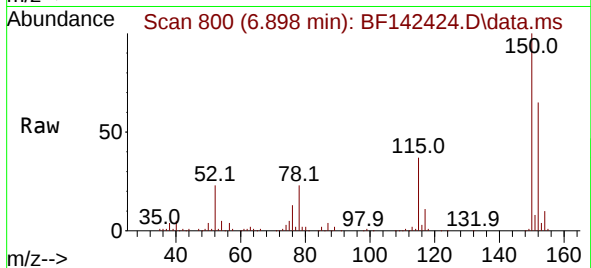




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

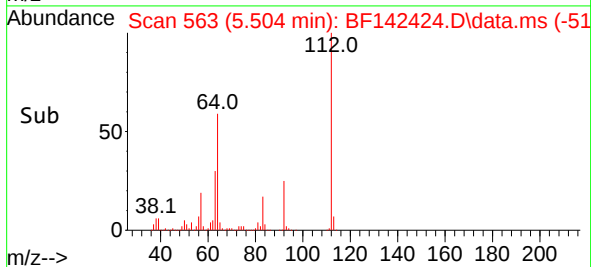
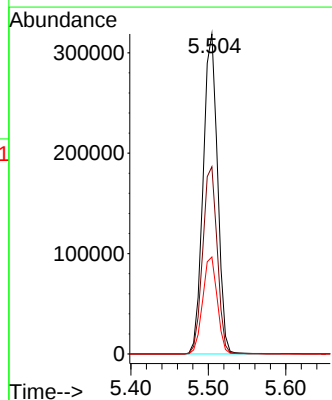
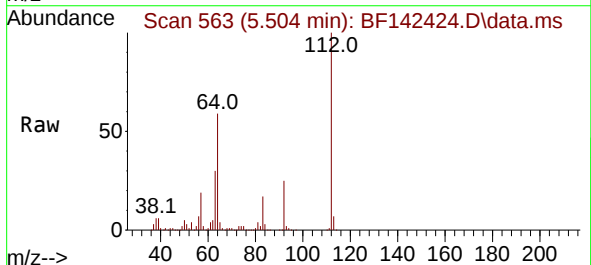
Instrument :
BNA_F
ClientSampleId :
L2-WC-4

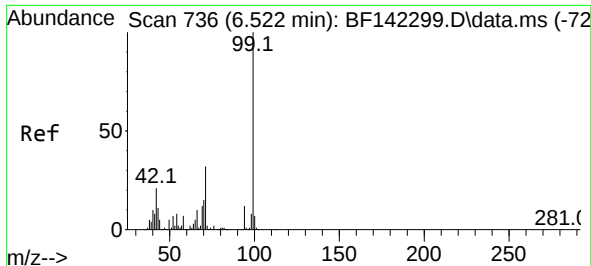
Tgt Ion:152 Resp: 115378
Ion Ratio Lower Upper
152 100
150 153.5 126.6 190.0
115 57.6 47.3 70.9



#5
2-Fluorophenol
Concen: 61.005 ng
RT: 5.504 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

Tgt Ion:112 Resp: 412323
Ion Ratio Lower Upper
112 100
64 58.5 48.9 73.3
63 30.3 25.6 38.4





#7
Phenol-d6
Concen: 66.731 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

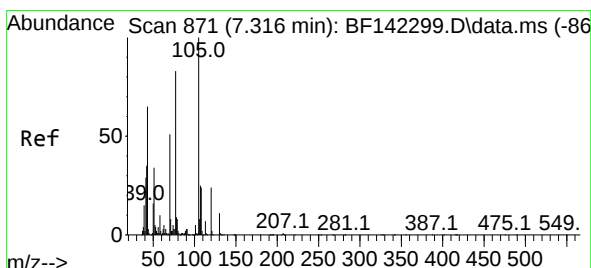
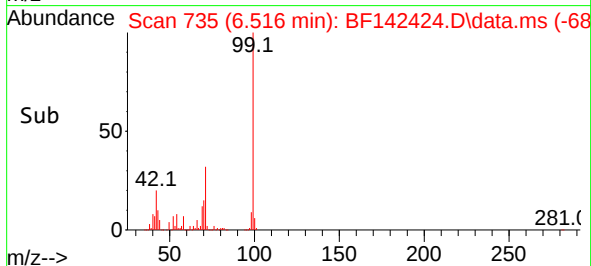
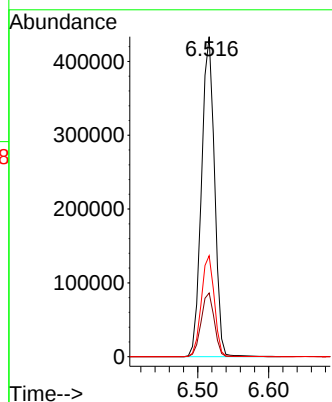
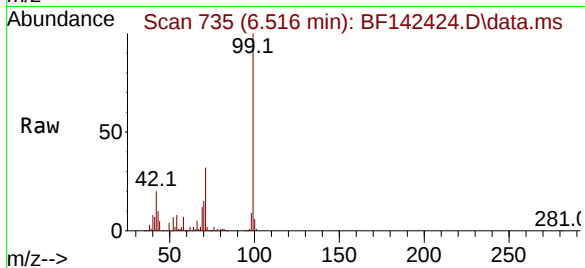
Instrument :

BNA_F

ClientSampleId :

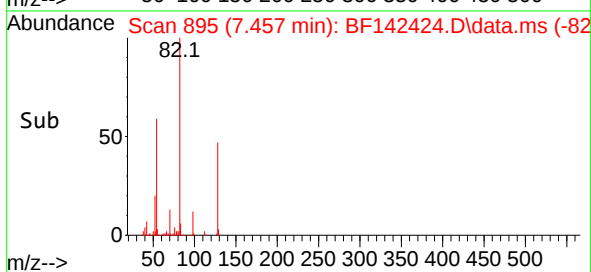
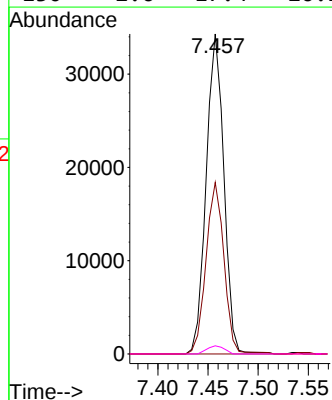
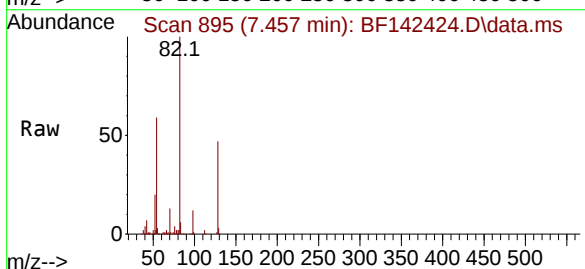
L2-WC-4

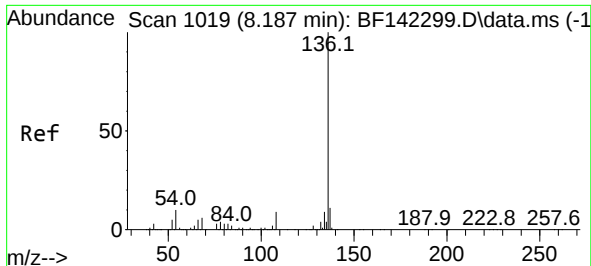
Tgt Ion: 99 Resp: 554724
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.4
71 31.5 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 8.213 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

Tgt Ion: 70 Resp: 42232
Ion Ratio Lower Upper
70 100
42 53.6 54.8 82.2#
101 0.0 7.7 11.5#
130 2.6 17.4 26.2#



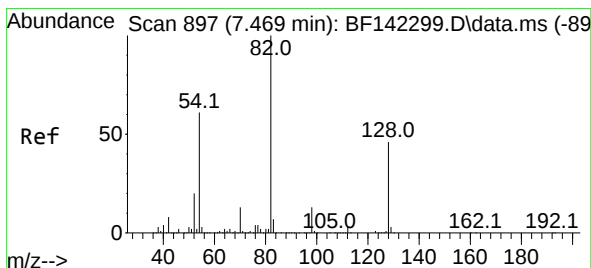
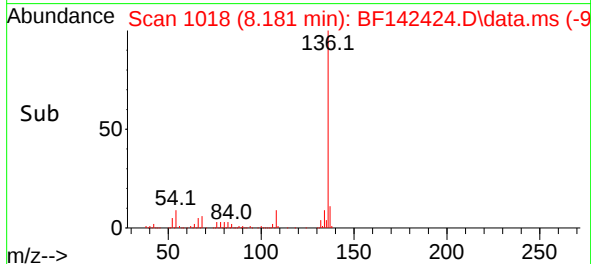
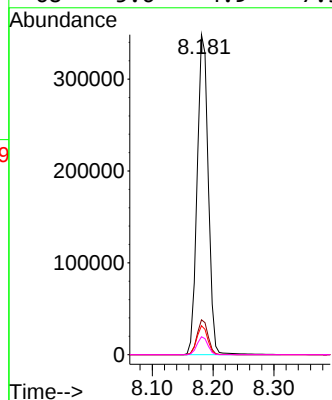
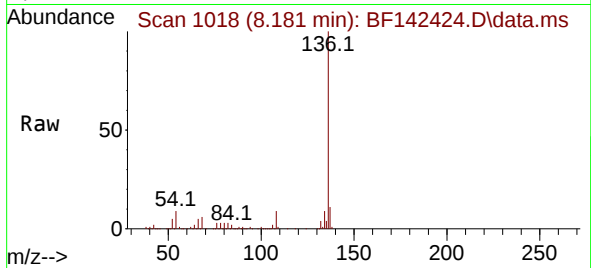


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

Instrument :
BNA_F
ClientSampleId :
L2-WC-4

Tgt Ion:136 Resp: 441576

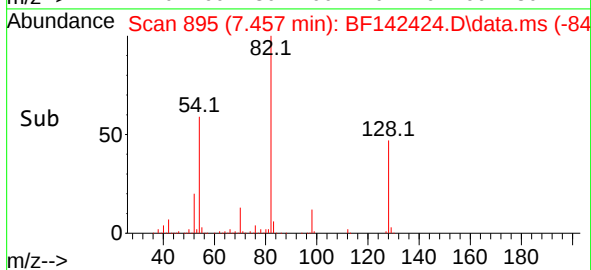
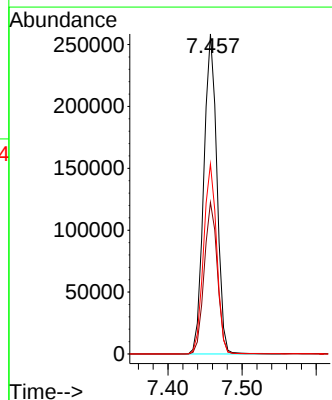
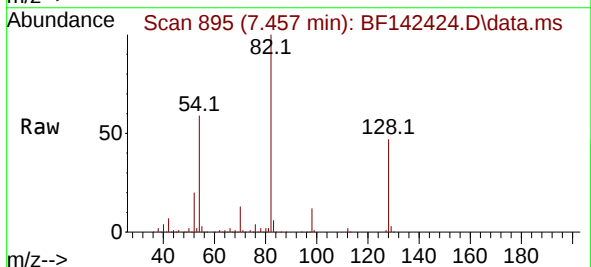
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.0	7.7	11.5
68	5.6	4.9	7.3

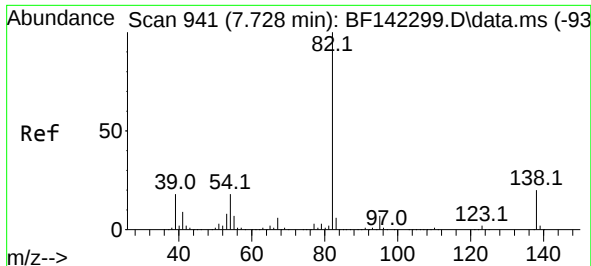


#23
Nitrobenzene-d5
Concen: 43.982 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

Tgt Ion: 82 Resp: 318452

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.0	55.6
54	59.3	48.6	73.0

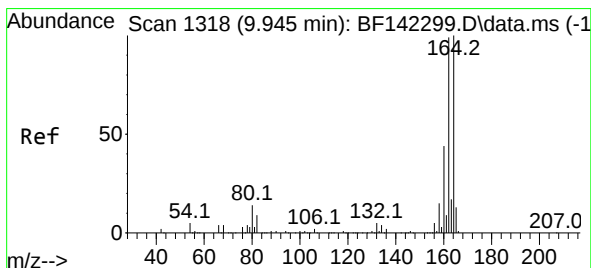
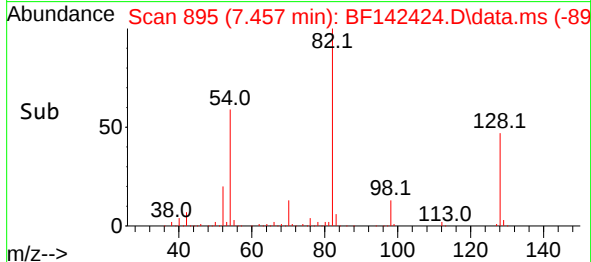
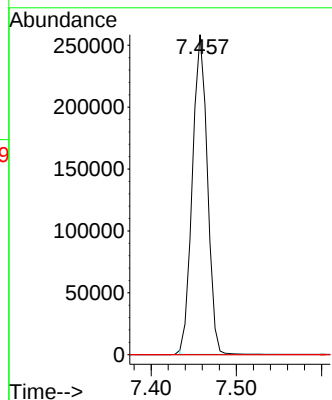
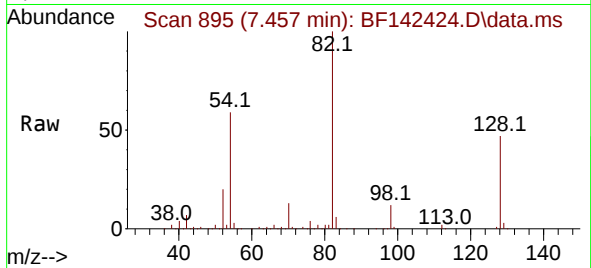




#25
Isophorone
Concen: 22.989 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

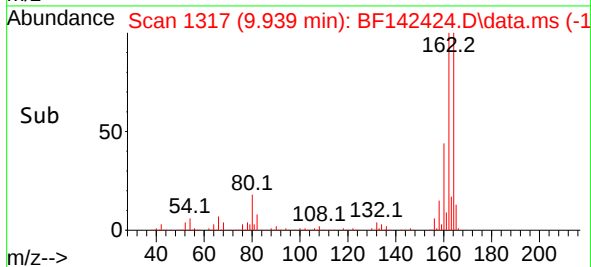
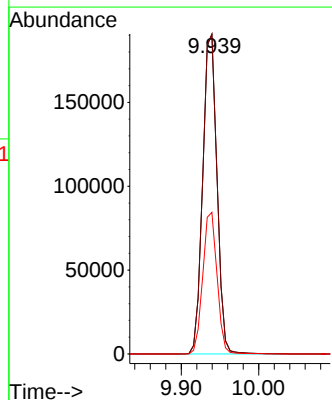
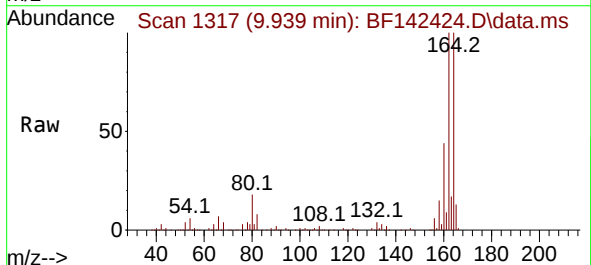
Instrument :
BNA_F
ClientSampleId :
L2-WC-4

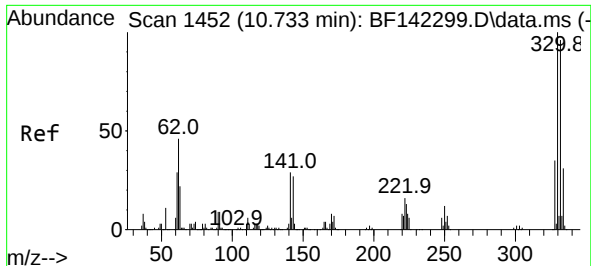
Tgt Ion: 82 Resp: 315193
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

Tgt Ion:164 Resp: 243538
Ion Ratio Lower Upper
164 100
162 100.2 79.2 118.8
160 44.3 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 84.973 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF142424.D

Acq: 16 May 2025 13:48

Instrument :

BNA_F

ClientSampleId :

L2-WC-4

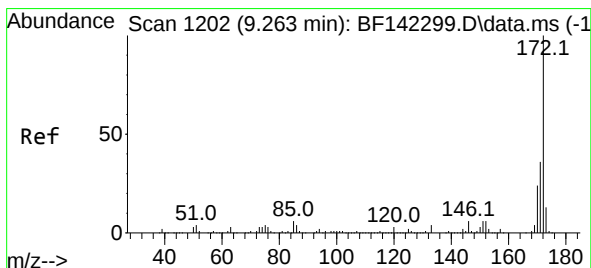
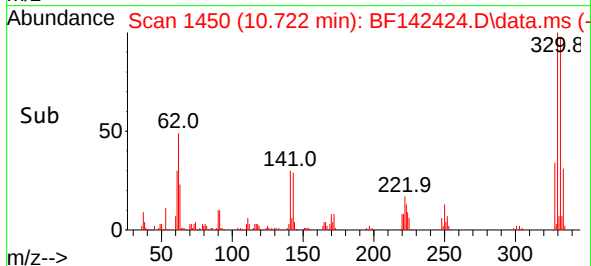
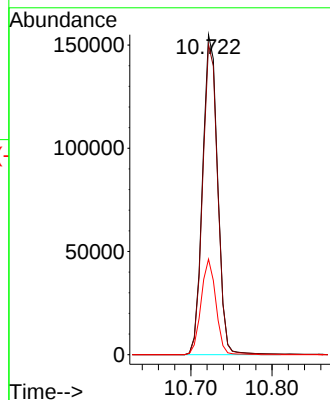
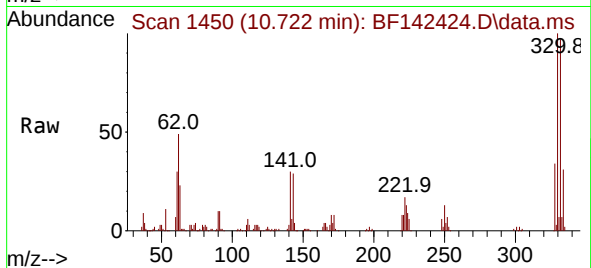
Tgt Ion:330 Resp: 199798

Ion Ratio Lower Upper

330 100

332 97.2 76.8 115.2

141 29.3 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 43.964 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142424.D

Acq: 16 May 2025 13:48

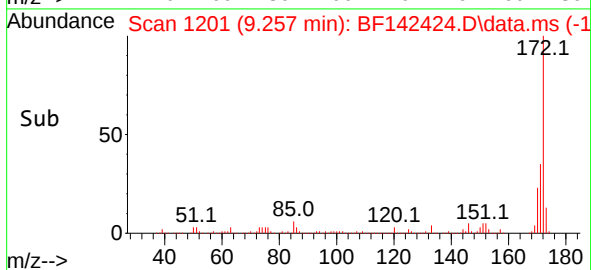
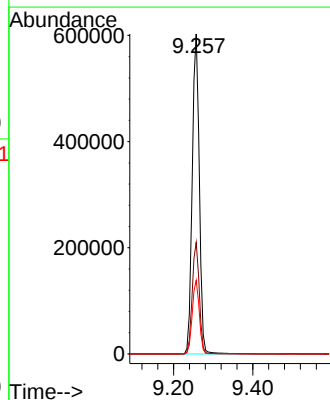
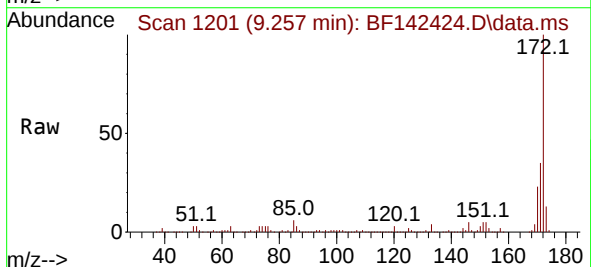
Tgt Ion:172 Resp: 750904

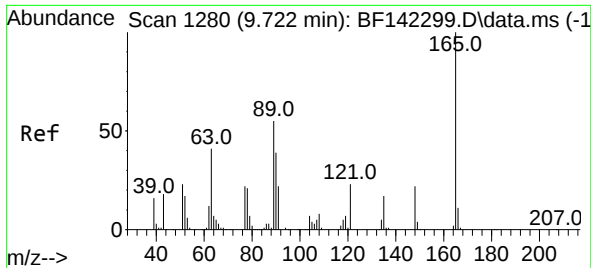
Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.0 19.0 28.4

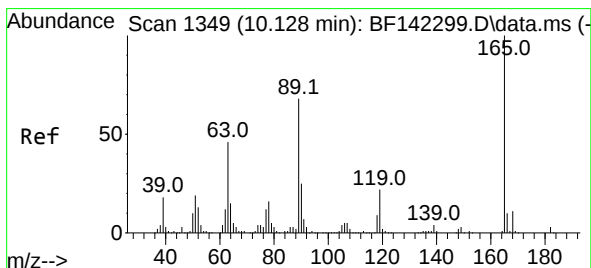
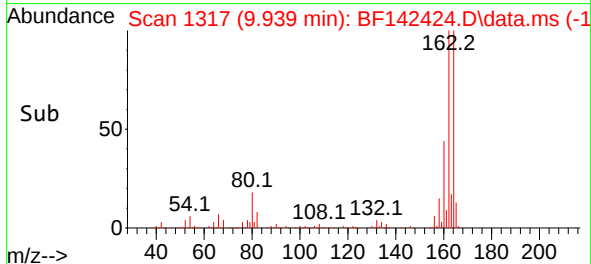
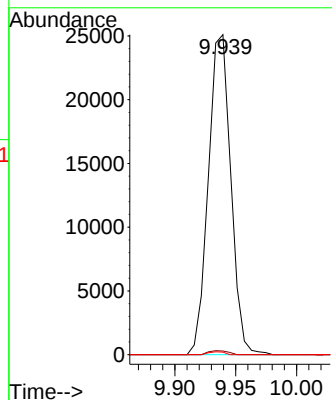
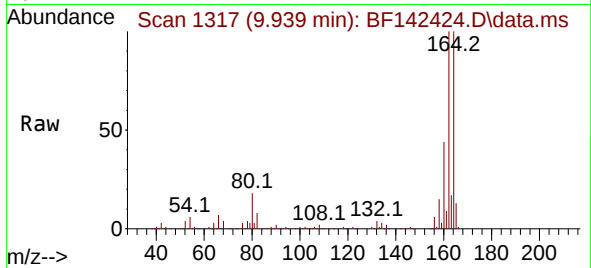




#51
2,6-Dinitrotoluene
Concen: 11.017 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

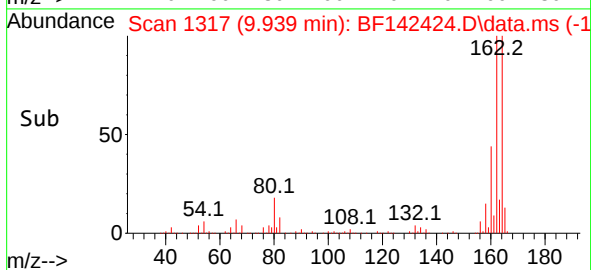
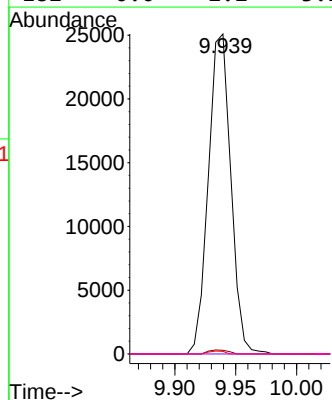
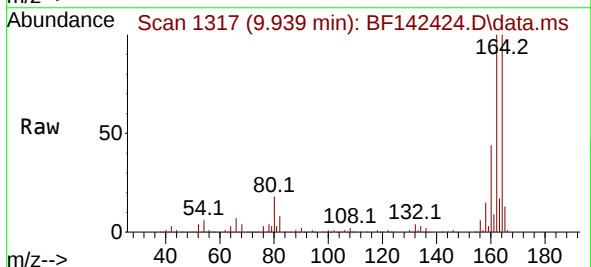
Instrument :
BNA_F
ClientSampleId :
L2-WC-4

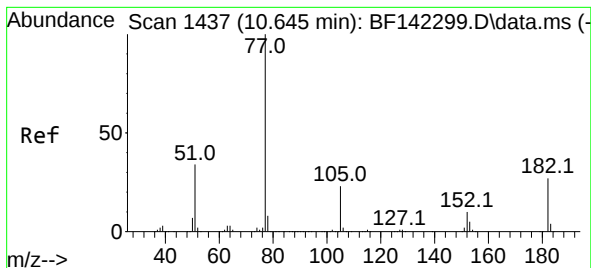
Tgt Ion:165 Resp: 32248
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 0.8 44.6 66.8#



#57
2,4-Dinitrotoluene
Concen: 8.589 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

Tgt Ion:165 Resp: 32248
Ion Ratio Lower Upper
165 100
63 1.2 37.1 55.7#
89 0.8 54.4 81.6#
182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 2.942 ng

RT: 10.645 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF142424.D

Acq: 16 May 2025 13:48

Instrument :

BNA_F

ClientSampleId :

L2-WC-4

Tgt Ion: 77 Resp: 43905

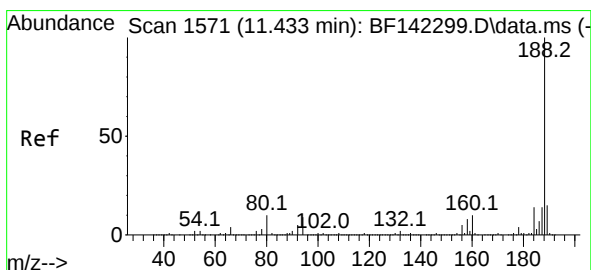
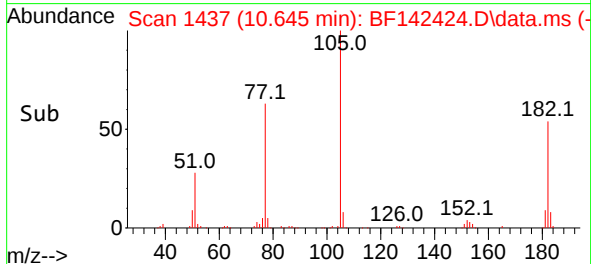
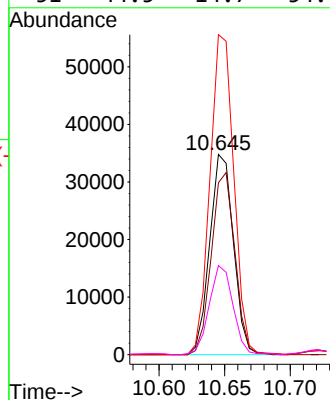
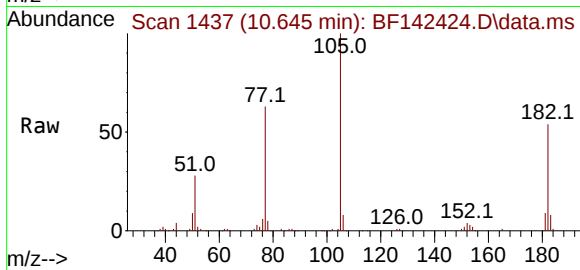
Ion Ratio Lower Upper

77 100

182 85.9 6.9 46.9#

105 159.8 2.7 42.7#

51 44.5 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1569

Delta R.T. -0.012 min

Lab File: BF142424.D

Acq: 16 May 2025 13:48

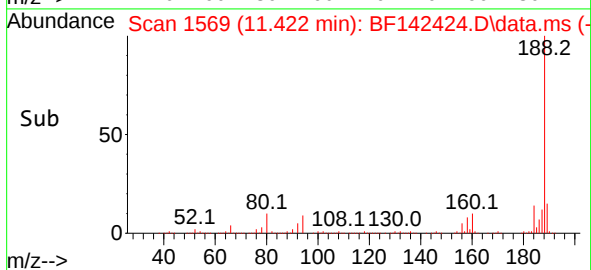
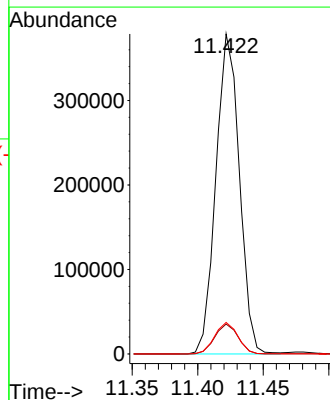
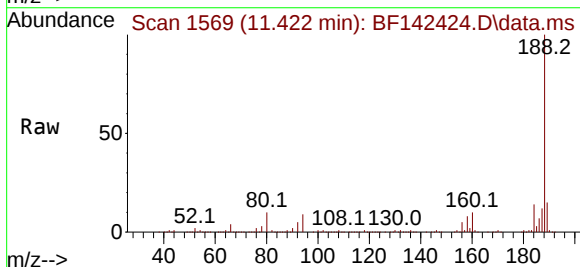
Tgt Ion:188 Resp: 470827

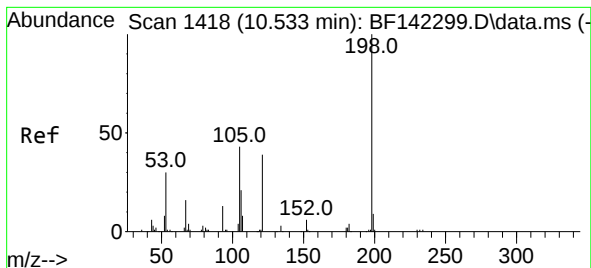
Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 9.9 7.9 11.9

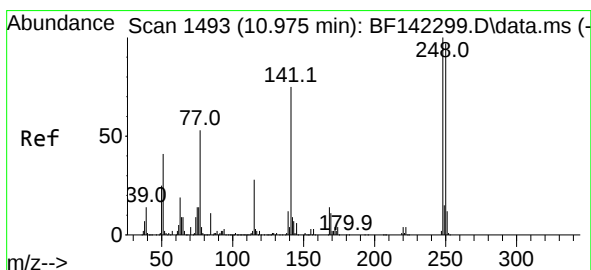
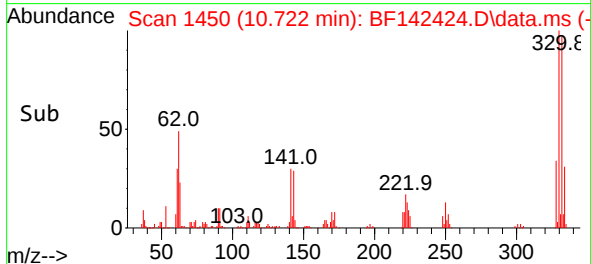
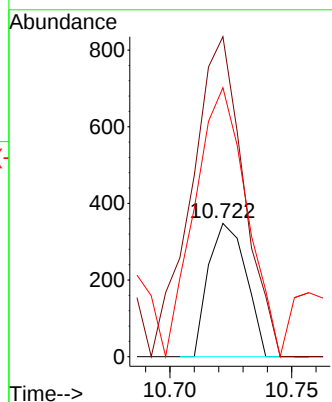
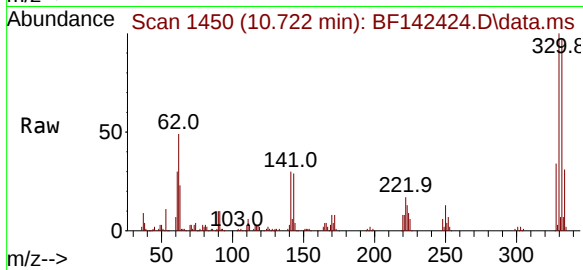




#65
4,6-Dinitro-2-methylphenol
Concen: 7.330 ng
RT: 10.722 min Scan# 1418
Delta R.T. 0.189 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

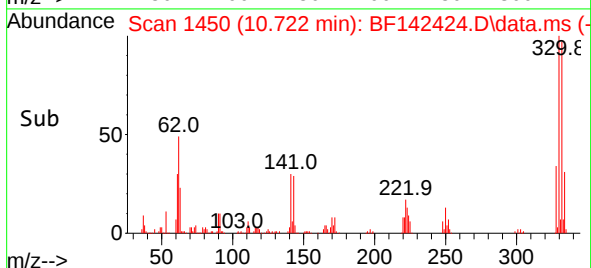
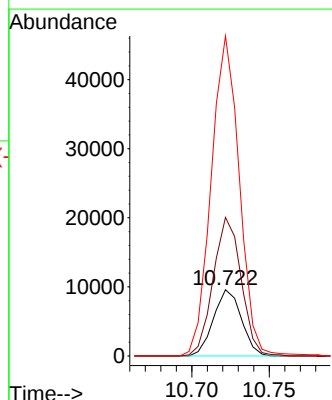
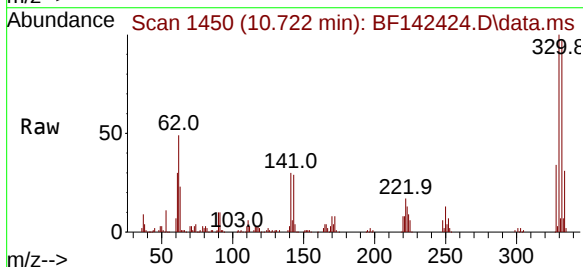
Instrument :
BNA_F
ClientSampleId :
L2-WC-4

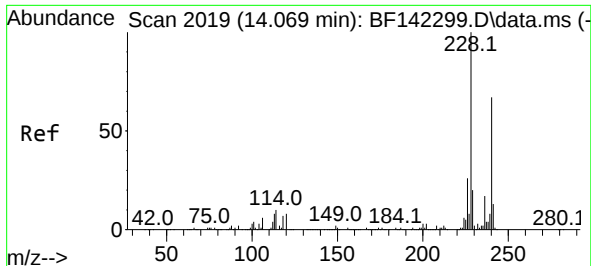
Tgt Ion:198 Resp: 374
Ion Ratio Lower Upper
198 100
51 239.9 32.9 72.9#
105 201.7 23.7 63.7#



#67
4-Bromophenyl-phenylether
Concen: 2.250 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

Tgt Ion:248 Resp: 12007
Ion Ratio Lower Upper
248 100
250 209.1 77.9 116.9#
141 482.7 59.8 89.8#

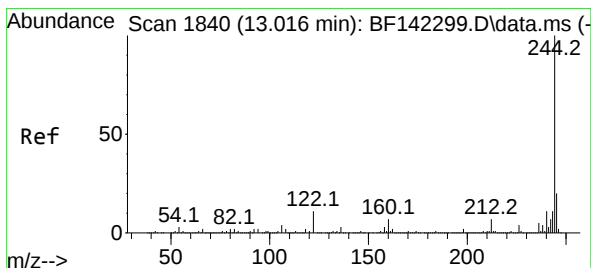
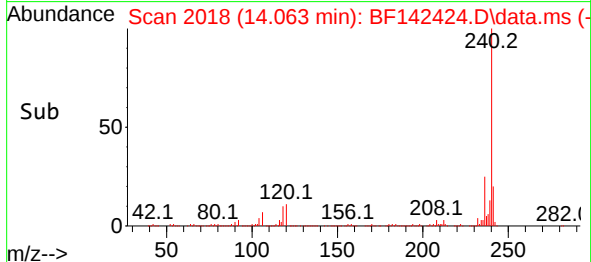
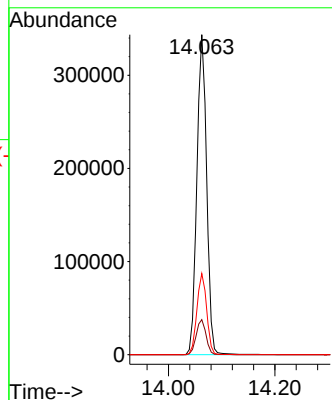
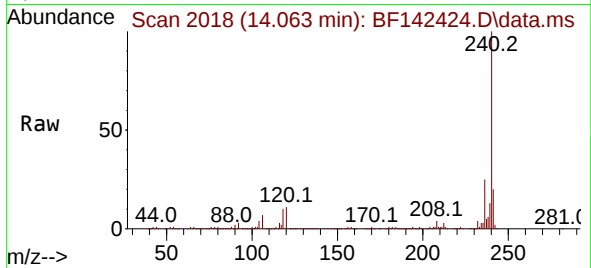




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

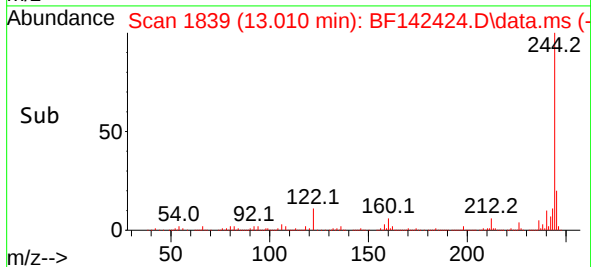
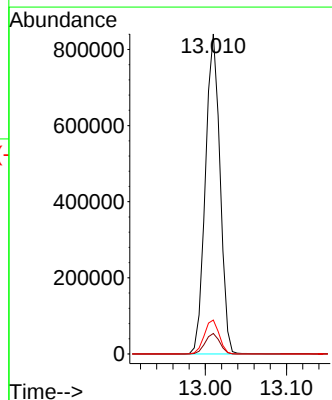
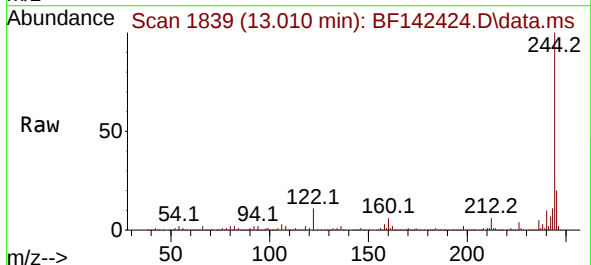
Instrument :
BNA_F
ClientSampleId :
L2-WC-4

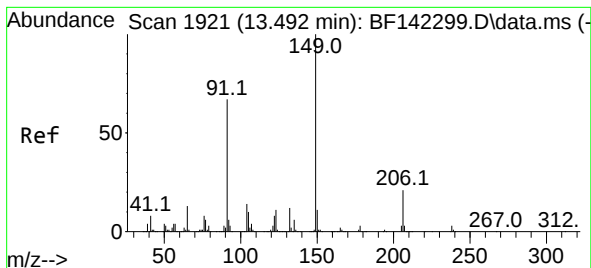
Tgt Ion:240 Resp: 439535
Ion Ratio Lower Upper
240 100
120 11.0 9.7 14.5
236 25.4 20.0 30.0



#79
Terphenyl-d14
Concen: 35.307 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

Tgt Ion:244 Resp: 1048498
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.2
122 10.6 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.668 ng

RT: 13.480 min Scan# 1919

Delta R.T. -0.012 min

Lab File: BF142424.D

Acq: 16 May 2025 13:48

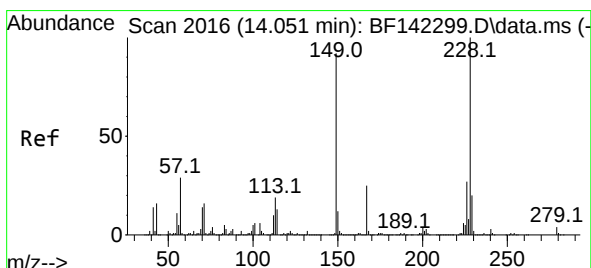
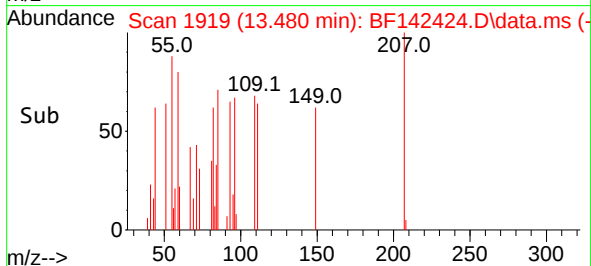
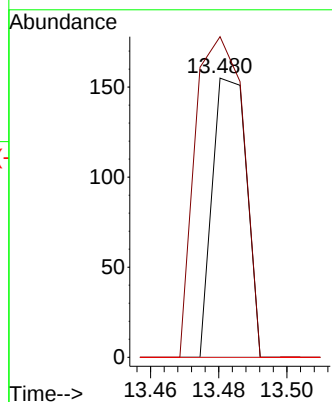
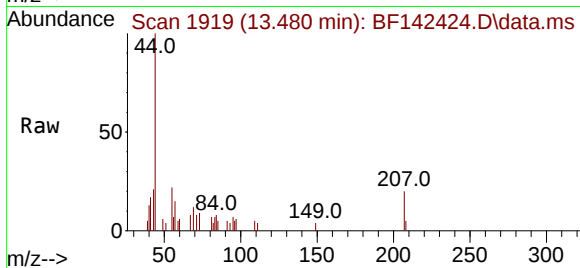
Instrument :

BNA_F

ClientSampleId :

L2-WC-4

Tgt Ion:	149	Resp:	108
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: 4.356 ng

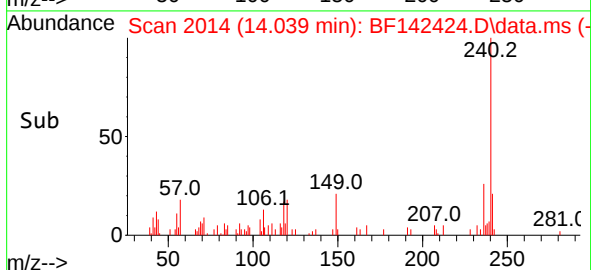
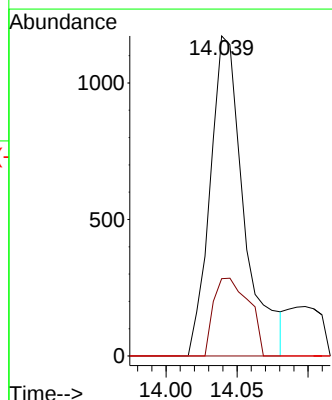
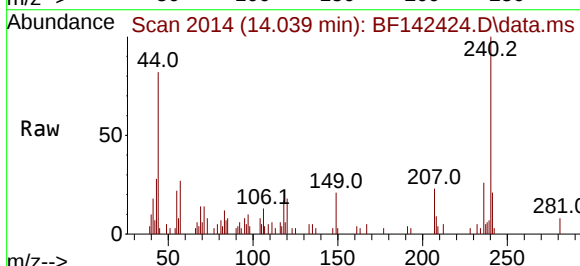
RT: 14.039 min Scan# 2014

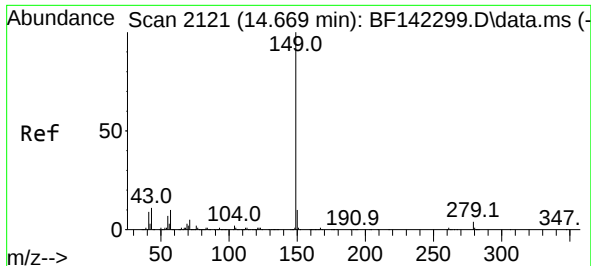
Delta R.T. -0.012 min

Lab File: BF142424.D

Acq: 16 May 2025 13:48

Tgt Ion:	149	Resp:	1948
Ion	Ratio	Lower	Upper
149	100		
167	24.1	22.0	33.0
279	0.0	3.0	4.6#

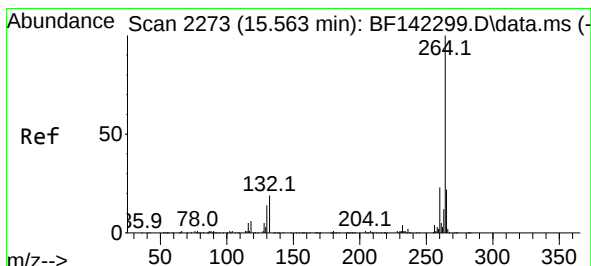
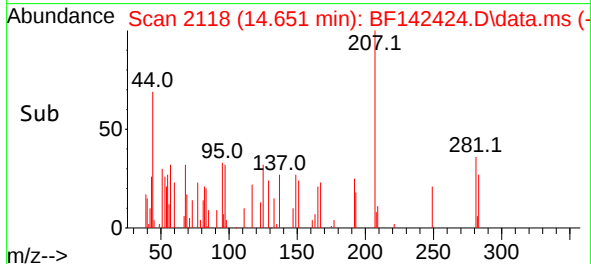
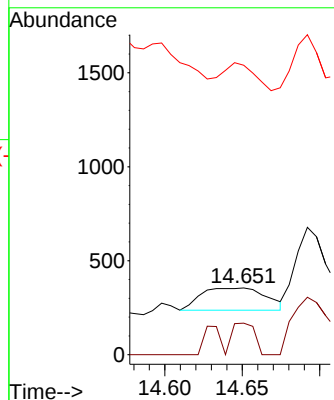
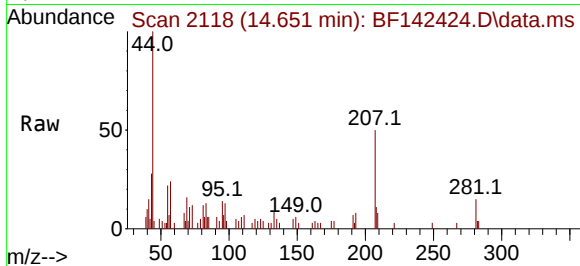




#85
Di-n-octyl phthalate
Concen: 7.850 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BF142424.D
Acq: 16 May 2025 13:48

Instrument :
BNA_F
ClientSampleId :
L2-WC-4

Tgt Ion:149 Resp: 343
Ion Ratio Lower Upper
149 100
167 49.9 1.1 1.7#
43 0.0 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: BF142424.D
Acq: 16 May 2025 13:48

Tgt Ion:264 Resp: 421568
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.0 17.5 26.3

