

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
 Data File : BF142304.D
 Acq On : 05 May 2025 18:41
 Operator : RC/JU
 Sample : PB167836BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167836BL

Quant Time: May 06 01:31:23 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)

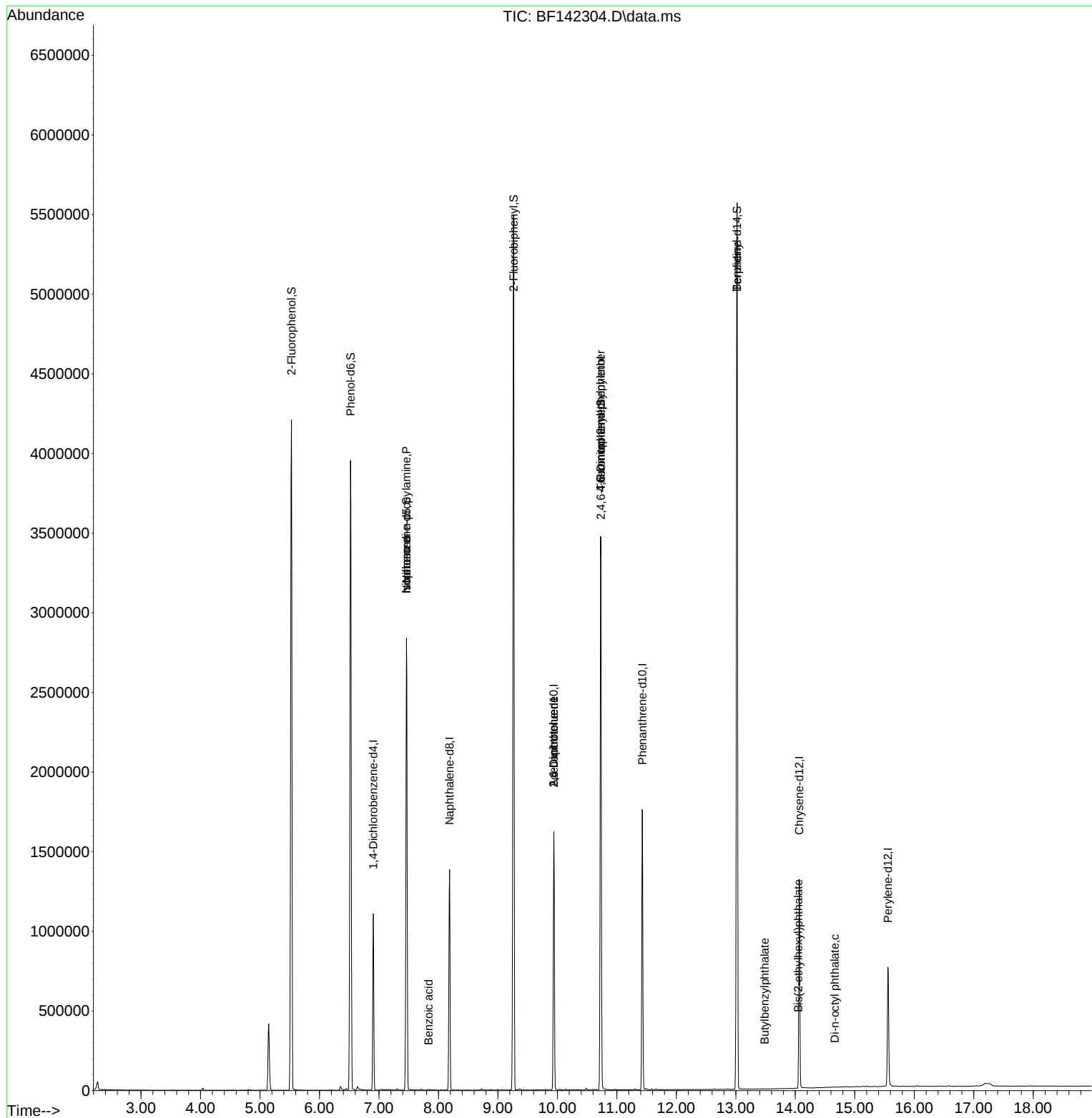
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	232271	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	886043	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	480961	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	875126	20.000	ng	0.00
76) Chrysene-d12	14.069	240	629062	20.000	ng	0.00
86) Perylene-d12	15.557	264	442703	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1742153	128.040	ng	0.02
7) Phenol-d6	6.522	99	2080795	124.340	ng	0.00
23) Nitrobenzene-d5	7.463	82	1275874	87.820	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	659924	142.115	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2592047	76.845	ng	0.00
79) Terphenyl-d14	13.022	244	2960311	69.652	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	172342	16.649	ng	# 77
25) Isophorone	7.463	82	1256589	45.675	ng	# 62
32) Benzoic acid	7.834	122	2192	6.317	ng	# 50
51) 2,6-Dinitrotoluene	9.939	165	60948	10.543	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	60948	8.219	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.728	198	1312	7.459	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	39533	3.986	ng	# 1
77) Benzidine	13.022	184	38569	3.374	ng	# 95
80) Butylbenzylphthalate	13.486	149	248	3.673	ng	# 89
84) Bis(2-ethylhexyl)phtha...	14.051	149	113	4.242	ng	# 52
85) Di-n-octyl phthalate	14.663	149	273	7.846	ng	# 73

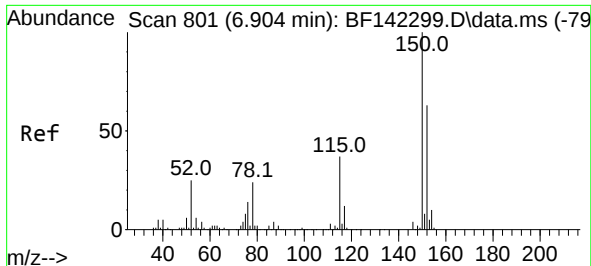
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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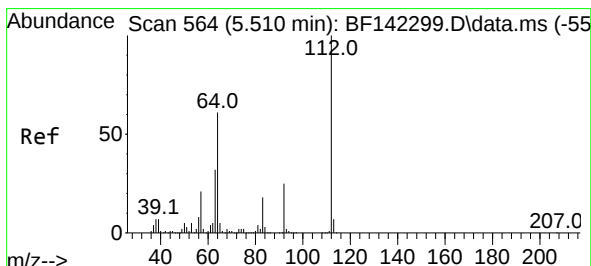
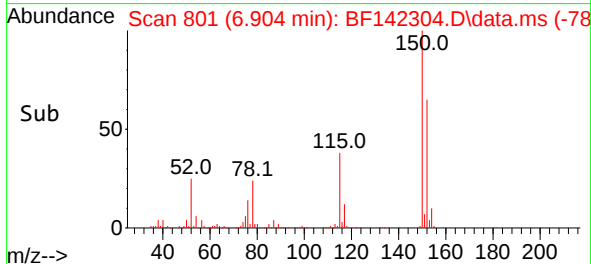
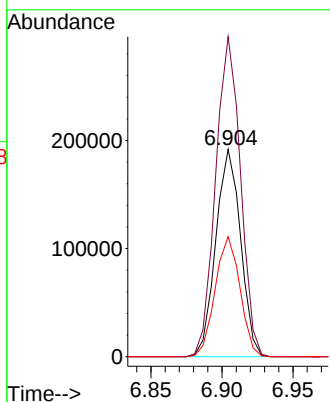
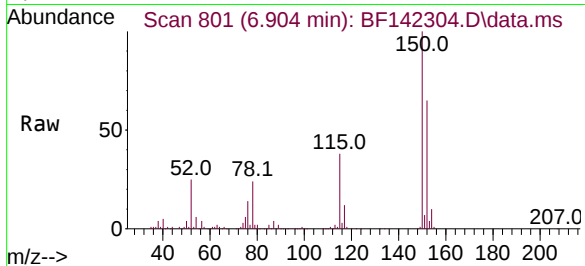




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142304.D
Acq: 05 May 2025 18:41

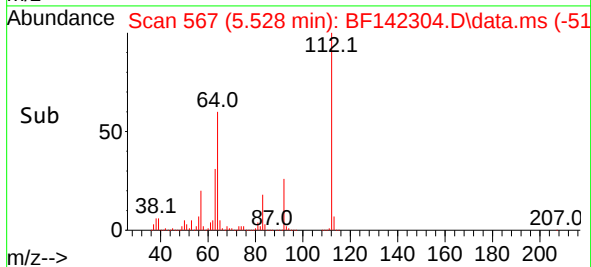
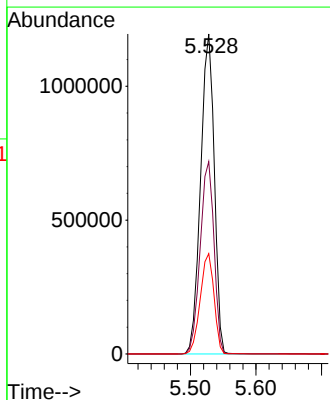
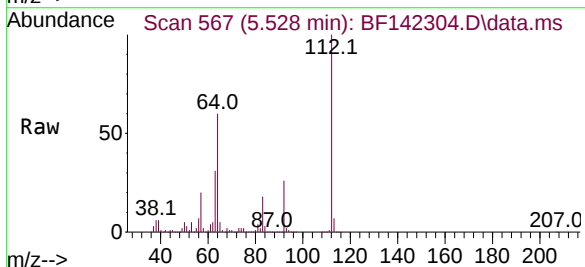
Instrument :
BNA_F
ClientSampleId :
PB167836BL

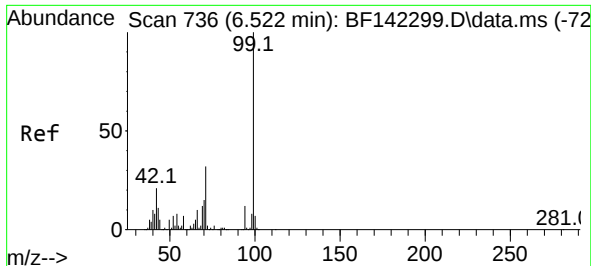
Tgt Ion:152 Resp: 232271
Ion Ratio Lower Upper
152 100
150 154.3 126.6 190.0
115 57.9 47.3 70.9



#5
2-Fluorophenol
Concen: 128.040 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142304.D
Acq: 05 May 2025 18:41

Tgt Ion:112 Resp: 1742153
Ion Ratio Lower Upper
112 100
64 60.1 48.9 73.3
63 31.4 25.6 38.4

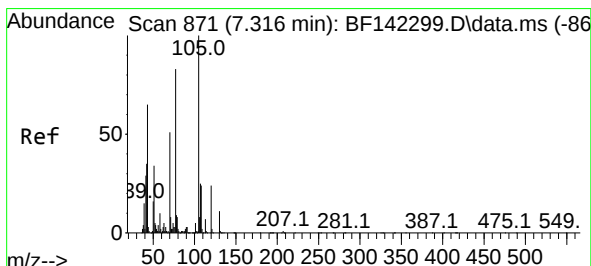
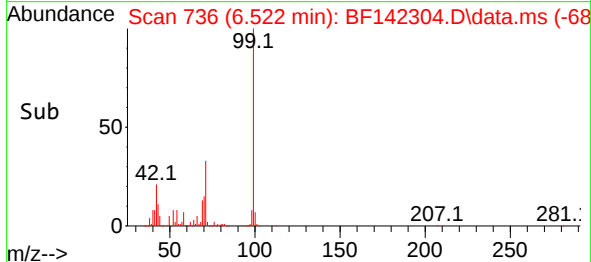
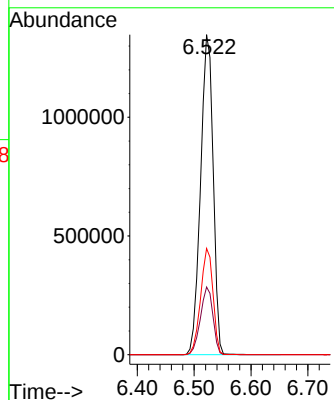
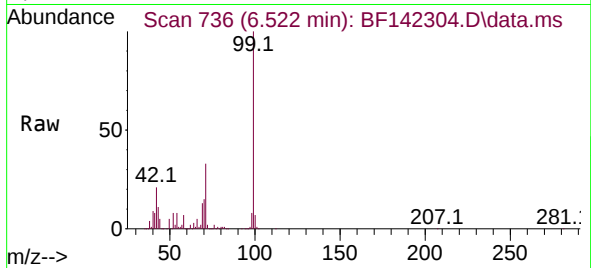




#7
Phenol-d6
Concen: 124.340 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142304.D
Acq: 05 May 2025 18:41

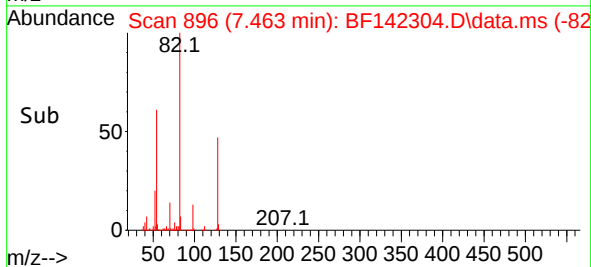
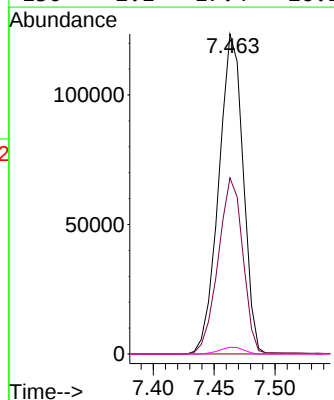
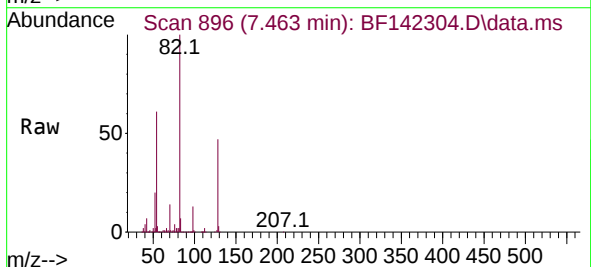
Instrument :
BNA_F
ClientSampleId :
PB167836BL

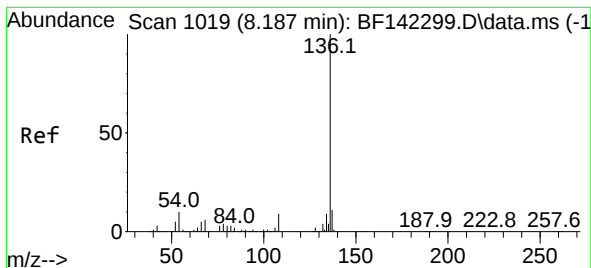
Tgt Ion: 99 Resp: 2080795
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.4
71 33.2 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.649 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF142304.D
Acq: 05 May 2025 18:41

Tgt Ion: 70 Resp: 172342
Ion Ratio Lower Upper
70 100
42 55.0 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: 8.187 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF142304.D

Acq: 05 May 2025 18:41

Instrument :

BNA_F

ClientSampleId :

PB167836BL

Tgt Ion:136 Resp: 886043

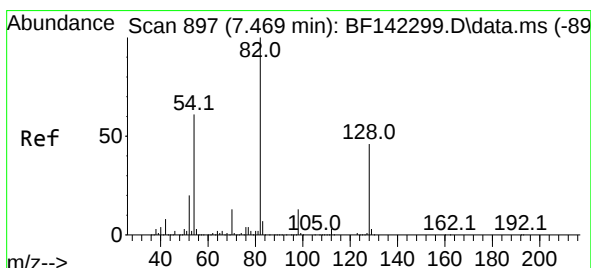
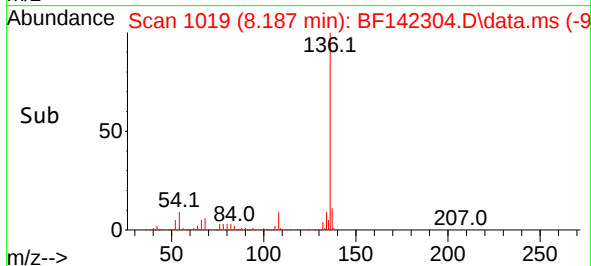
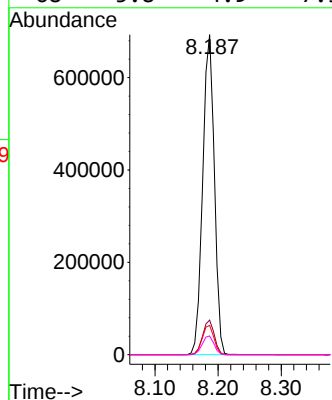
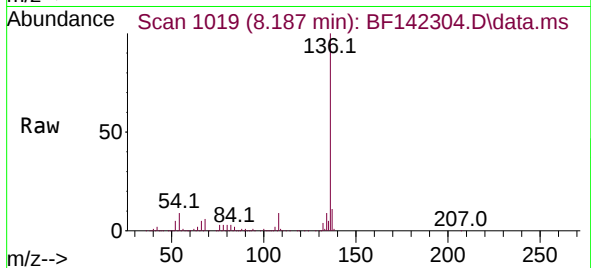
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.1 7.7 11.5

68 5.8 4.9 7.3



#23

Nitrobenzene-d5

Concen: 87.820 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF142304.D

Acq: 05 May 2025 18:41

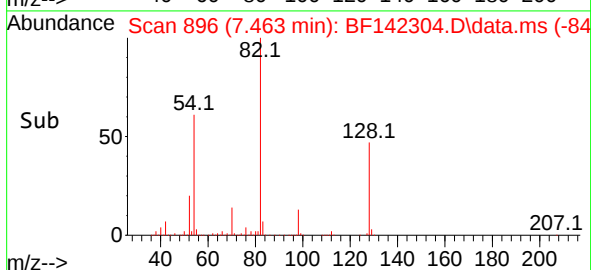
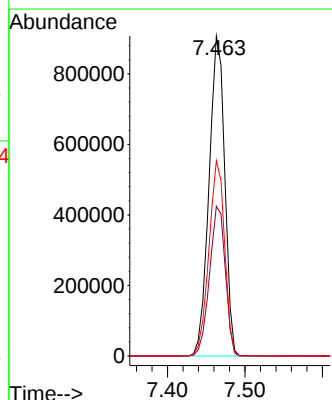
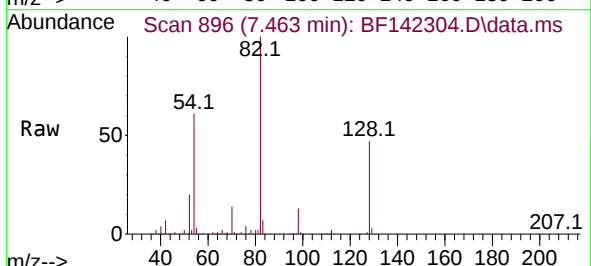
Tgt Ion: 82 Resp: 1275874

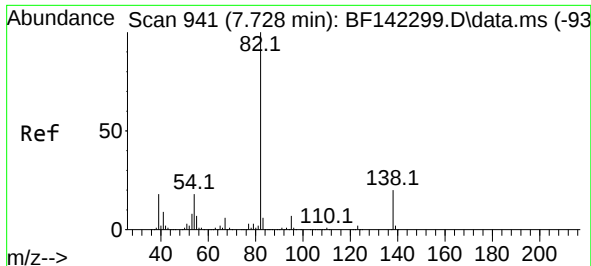
Ion Ratio Lower Upper

82 100

128 46.7 37.0 55.6

54 61.0 48.6 73.0

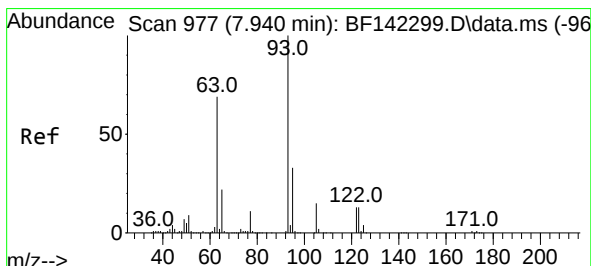
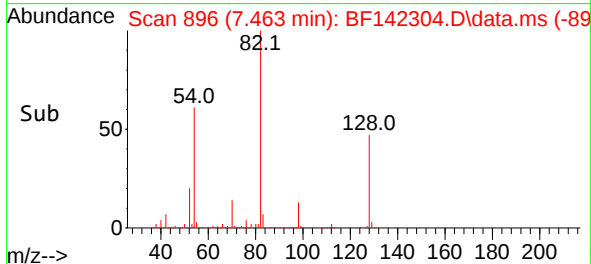
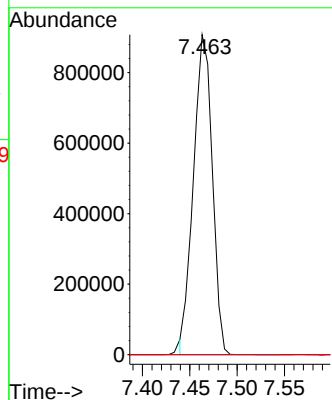
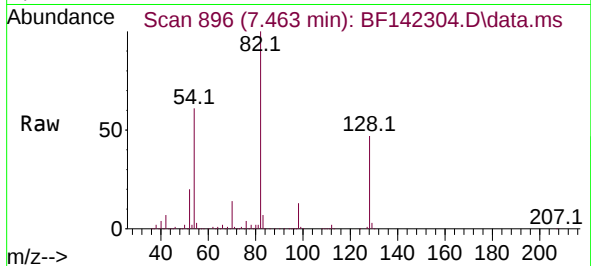




#25
Isophorone
Concen: 45.675 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142304.D
Acq: 05 May 2025 18:41

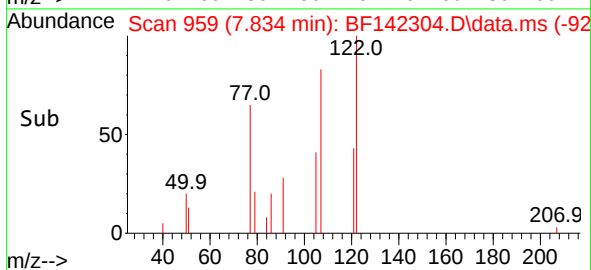
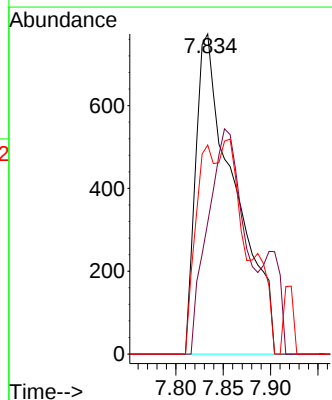
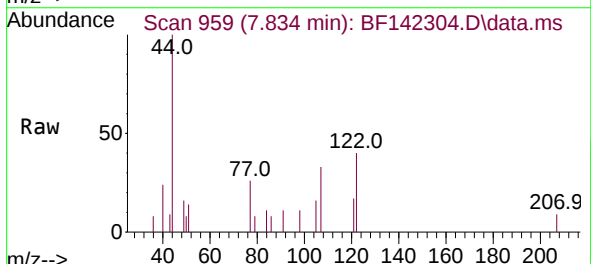
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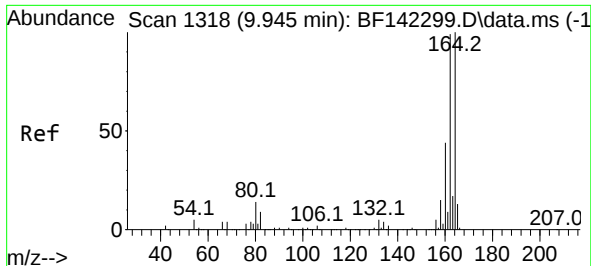
Tgt Ion: 82 Resp: 1256589
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#32
Benzoic acid
Concen: 6.317 ng
RT: 7.834 min Scan# 959
Delta R.T. -0.106 min
Lab File: BF142304.D
Acq: 05 May 2025 18:41

Tgt Ion:122 Resp: 2192
Ion Ratio Lower Upper
122 100
105 41.1 97.9 137.9#
77 65.3 67.7 107.7#

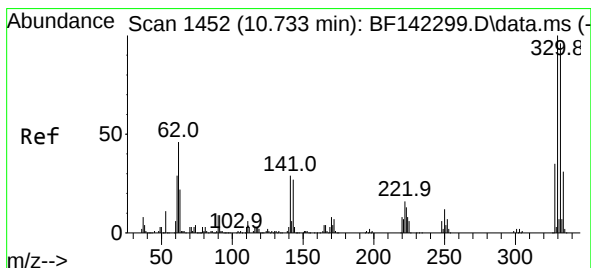
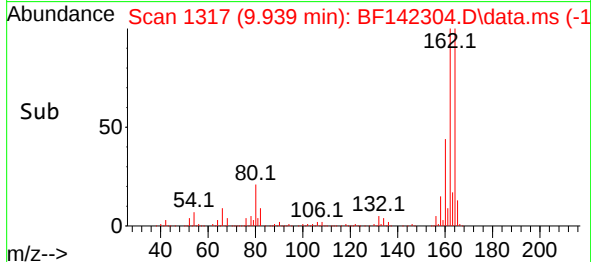
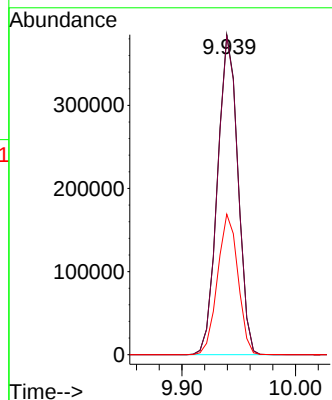
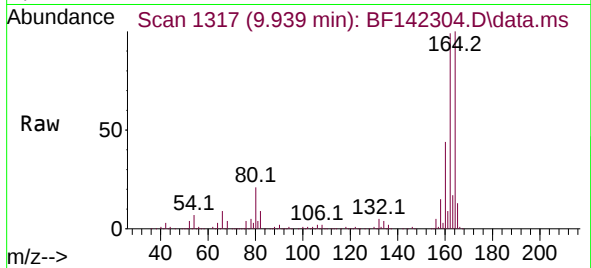




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142304.D
Acq: 05 May 2025 18:41

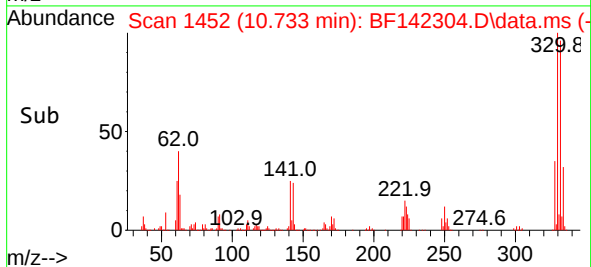
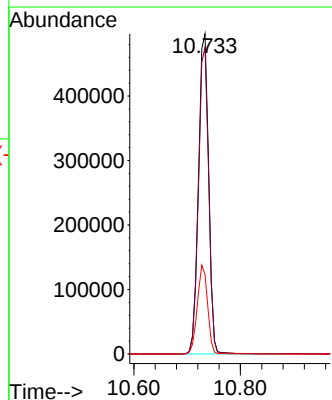
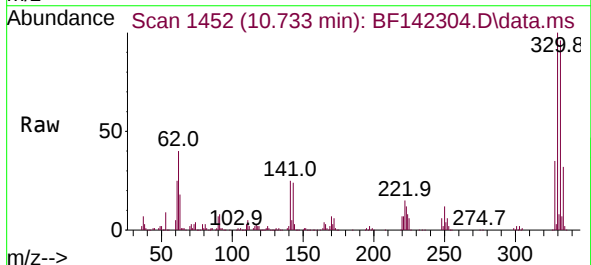
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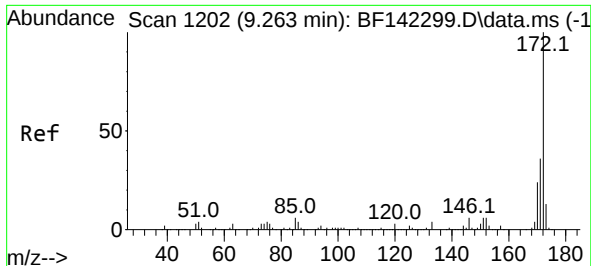
Tgt Ion:164 Resp: 480961
Ion Ratio Lower Upper
164 100
162 99.5 79.2 118.8
160 43.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 142.115 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142304.D
Acq: 05 May 2025 18:41

Tgt Ion:330 Resp: 659924
Ion Ratio Lower Upper
330 100
332 95.5 76.8 115.2
141 27.8 24.9 37.3

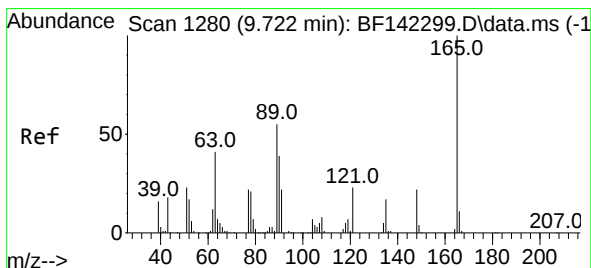
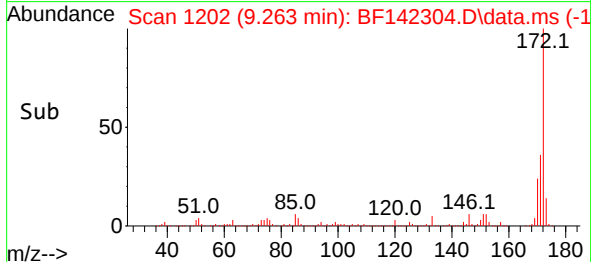
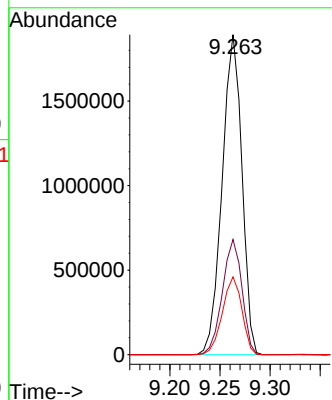
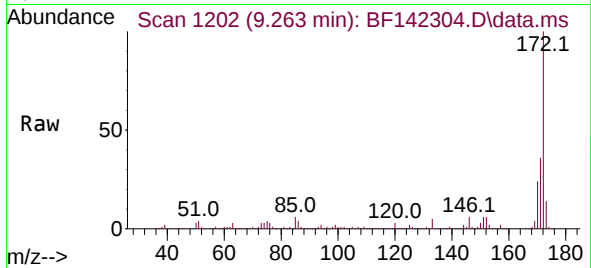




#45
2-Fluorobiphenyl
Concen: 76.845 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142304.D
Acq: 05 May 2025 18:41

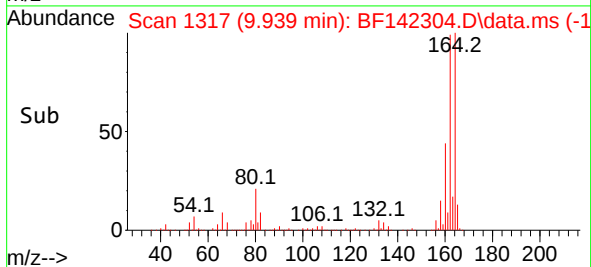
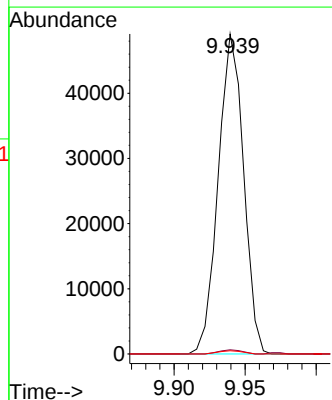
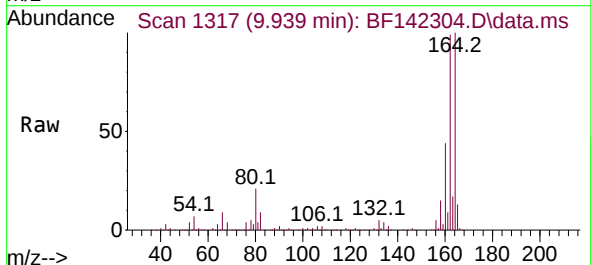
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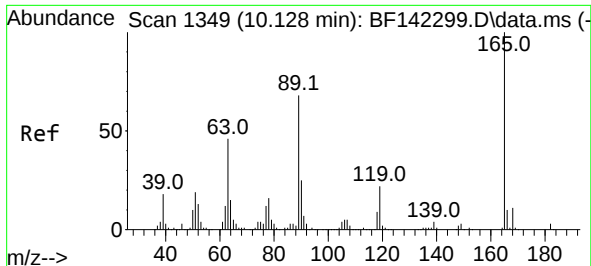
Tgt Ion:172 Resp: 2592047
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 24.3 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 10.543 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.218 min
Lab File: BF142304.D
Acq: 05 May 2025 18:41

Tgt Ion:165 Resp: 60948
Ion Ratio Lower Upper
165 100
63 1.3 49.5 74.3#
89 1.0 44.6 66.8#

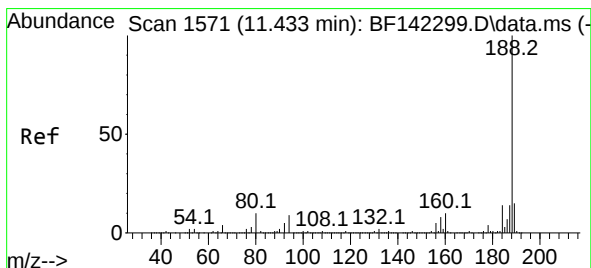
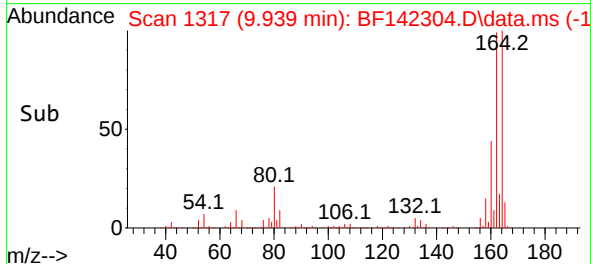
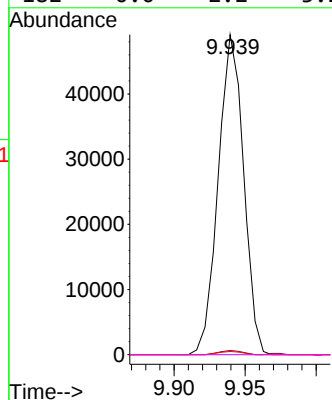
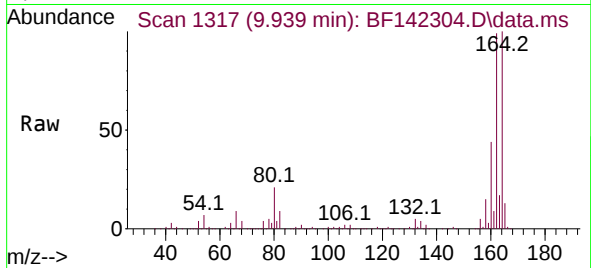




#57
2,4-Dinitrotoluene
Concen: 8.219 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF142304.D
Acq: 05 May 2025 18:41

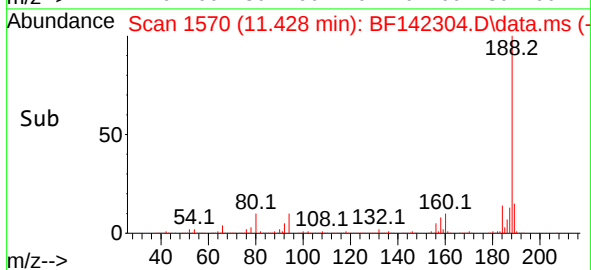
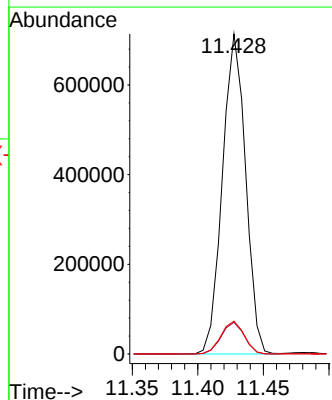
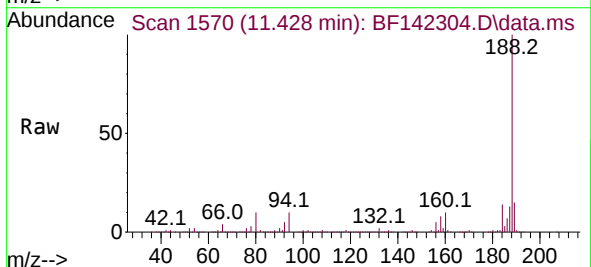
Instrument :
BNA_F
ClientSampleId :
PB167836BL

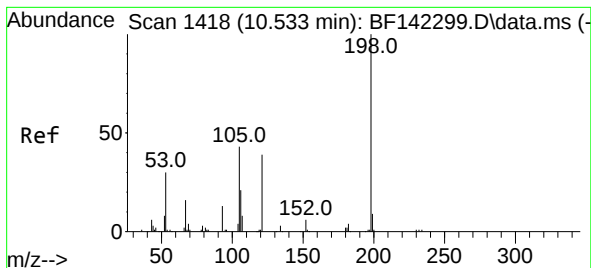
Tgt Ion:165 Resp: 60948
Ion Ratio Lower Upper
165 100
63 1.3 37.1 55.7#
89 1.0 54.4 81.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142304.D
Acq: 05 May 2025 18:41

Tgt Ion:188 Resp: 875126
Ion Ratio Lower Upper
188 100
94 9.9 7.5 11.3
80 10.2 7.9 11.9

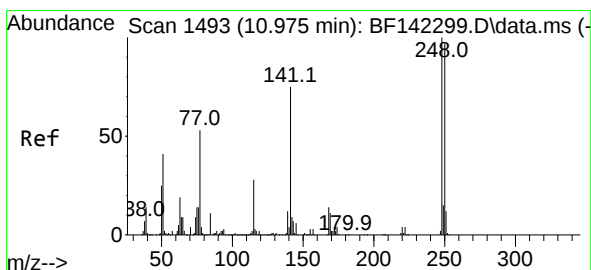
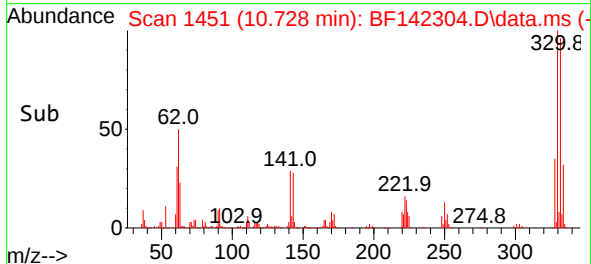
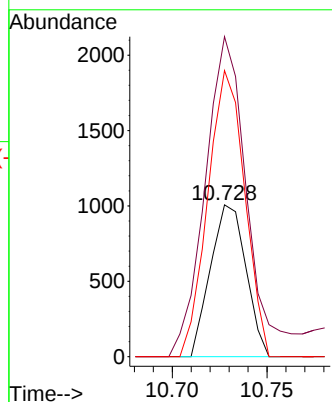
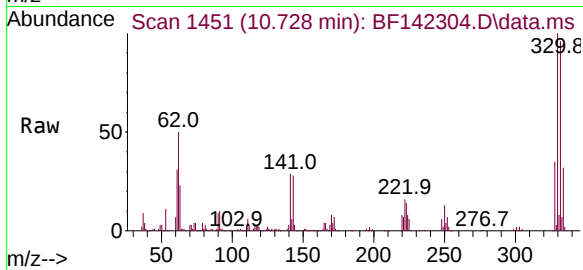




#65
4,6-Dinitro-2-methylphenol
Concen: 7.459 ng
RT: 10.728 min Scan# 1418
Delta R.T. 0.195 min
Lab File: BF142304.D
Acq: 05 May 2025 18:41

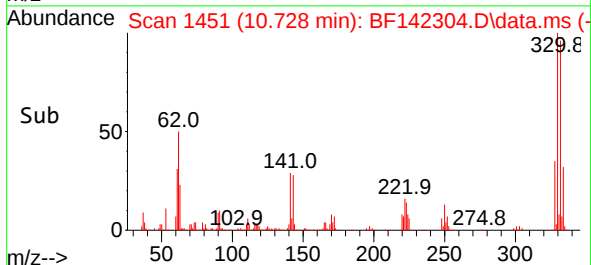
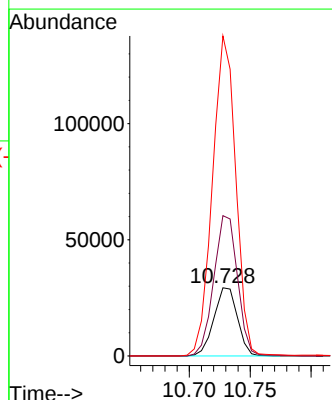
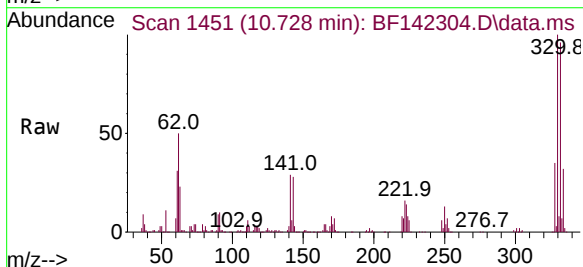
Instrument :
BNA_F
ClientSampleId :
PB167836BL

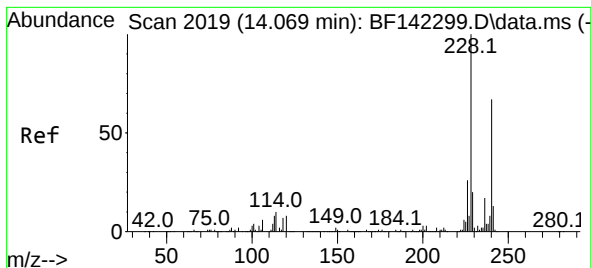
Tgt Ion:198 Resp: 1312
Ion Ratio Lower Upper
198 100
51 210.8 32.9 72.9#
105 188.5 23.7 63.7#



#67
4-Bromophenyl-phenylether
Concen: 3.986 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF142304.D
Acq: 05 May 2025 18:41

Tgt Ion:248 Resp: 39533
Ion Ratio Lower Upper
248 100
250 205.7 77.9 116.9#
141 469.0 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF142304.D

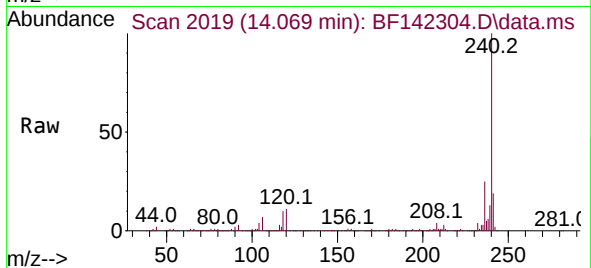
Acq: 05 May 2025 18:41

Instrument :

BNA_F

ClientSampleId :

PB167836BL



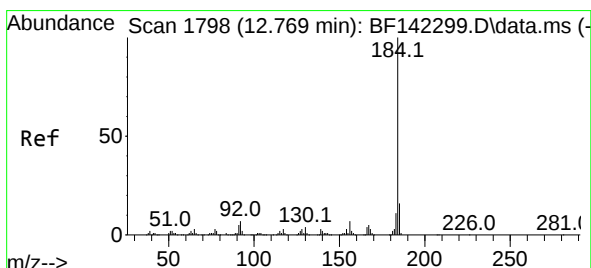
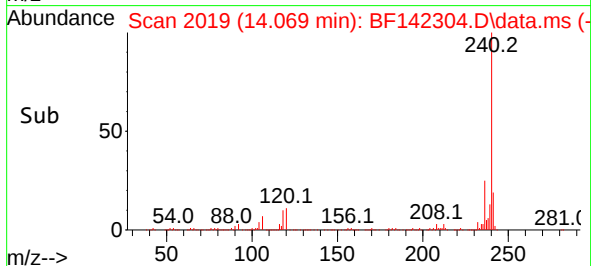
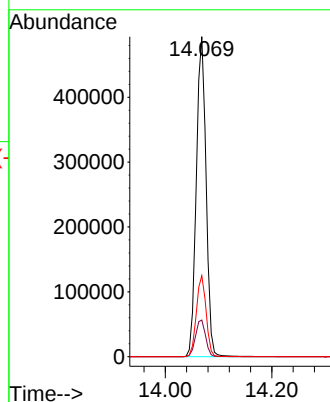
Tgt Ion:240 Resp: 629062

Ion Ratio Lower Upper

240 100

120 11.4 9.7 14.5

236 25.3 20.0 30.0



#77

Benidine

Concen: 3.374 ng

RT: 13.022 min Scan# 1841

Delta R.T. 0.253 min

Lab File: BF142304.D

Acq: 05 May 2025 18:41

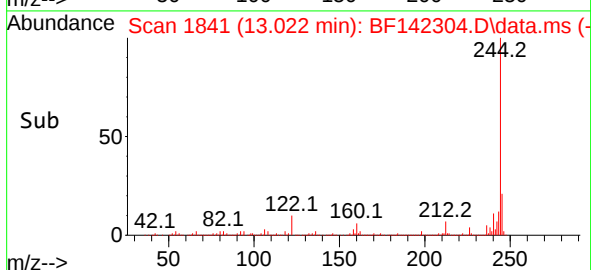
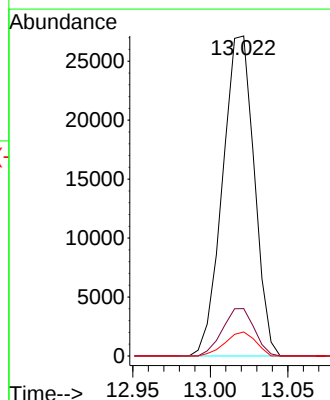
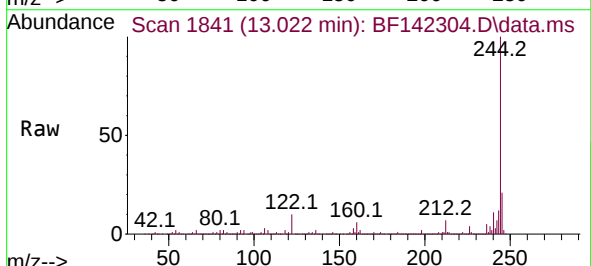
Tgt Ion:184 Resp: 38569

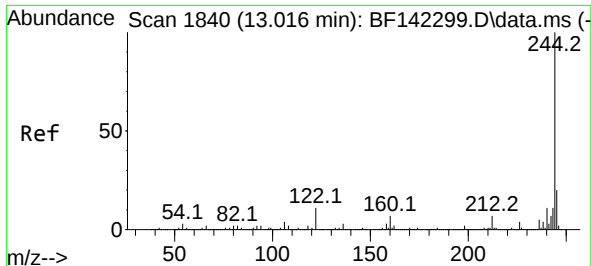
Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

183 7.5 8.6 12.8#

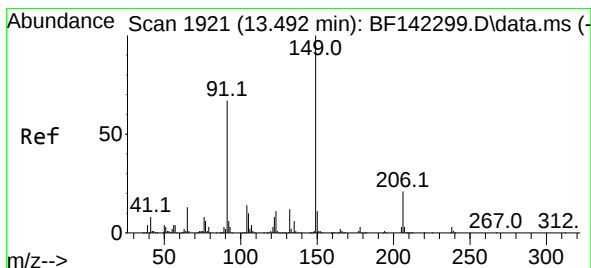
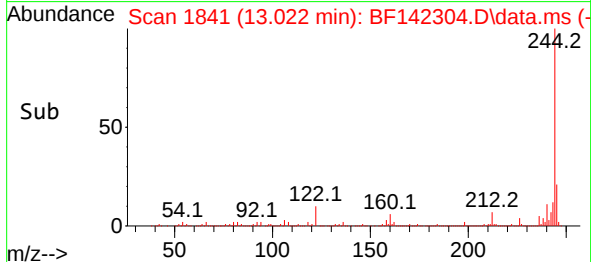
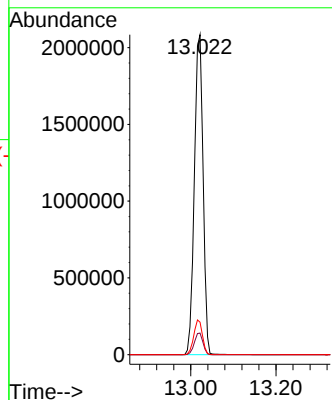
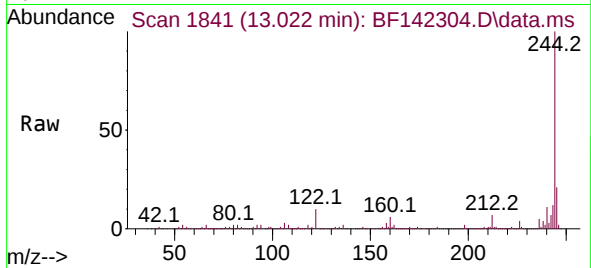




#79
 Terphenyl-d14
 Concen: 69.652 ng
 RT: 13.022 min Scan# 1841
 Delta R.T. 0.006 min
 Lab File: BF142304.D
 Acq: 05 May 2025 18:41

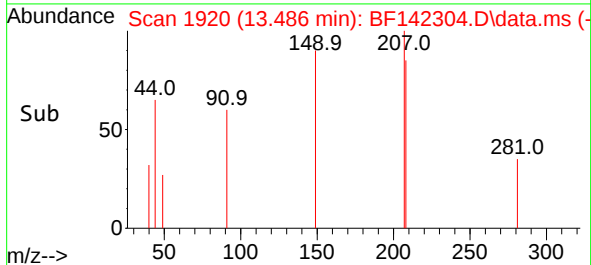
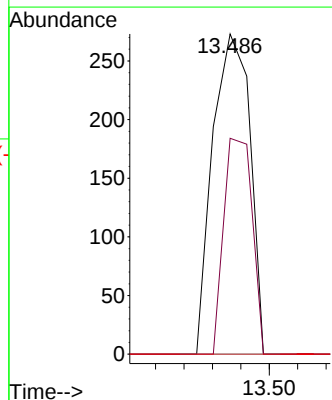
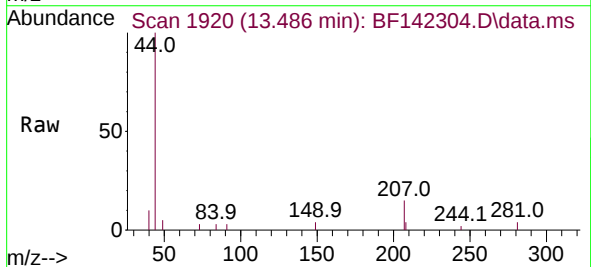
Instrument :
 BNA_F
 ClientSampleId :
 PB167836BL

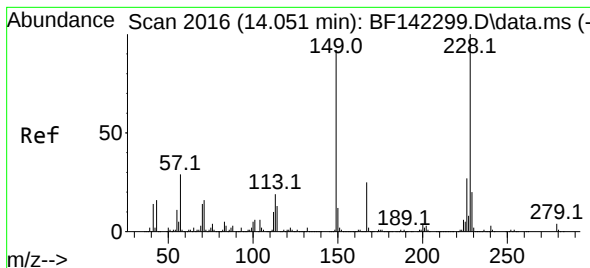
Tgt Ion:244 Resp: 2960311
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.2 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.673 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142304.D
 Acq: 05 May 2025 18:41

Tgt Ion:149 Resp: 248
 Ion Ratio Lower Upper
 149 100
 91 67.4 53.8 80.6
 206 0.0 16.6 24.8#

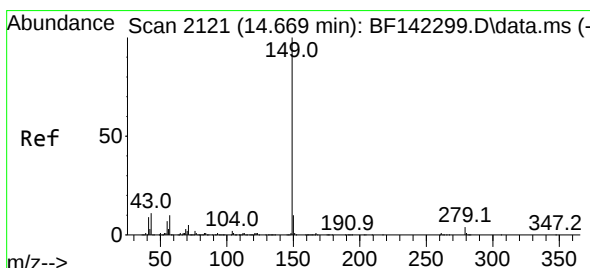
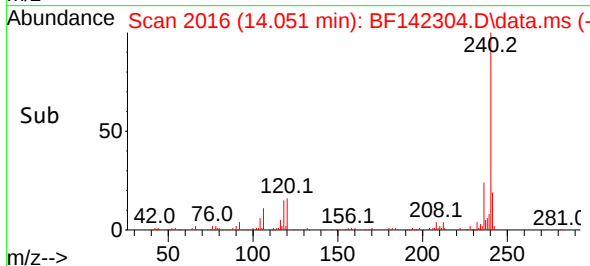
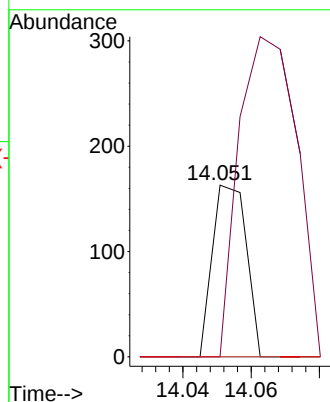
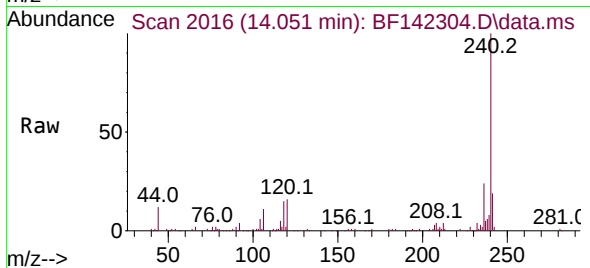




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.242 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF142304.D
Acq: 05 May 2025 18:41

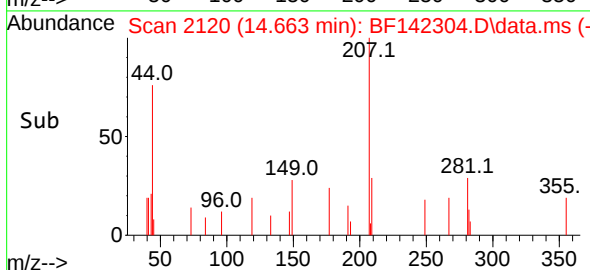
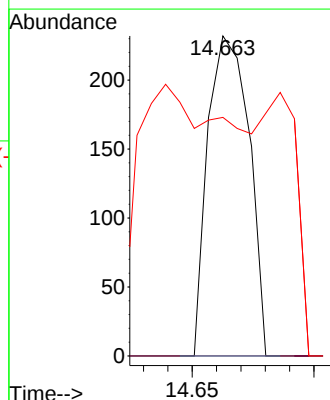
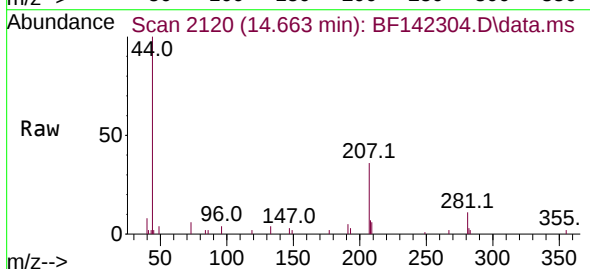
Instrument :
BNA_F
ClientSampleId :
PB167836BL

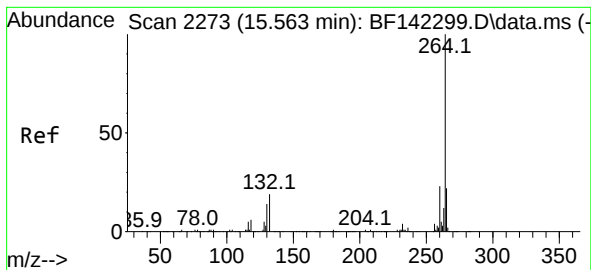
Tgt Ion:149 Resp: 113
Ion Ratio Lower Upper
149 100
167 0.0 22.0 33.0#
279 0.0 3.0 4.6#



#85
Di-n-octyl phthalate
Concen: 7.846 ng
RT: 14.663 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BF142304.D
Acq: 05 May 2025 18:41

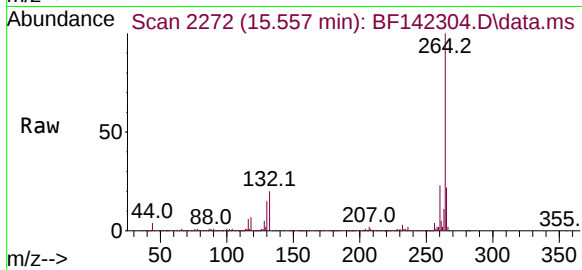
Tgt Ion:149 Resp: 273
Ion Ratio Lower Upper
149 100
167 0.0 1.1 1.7#
43 0.0 9.2 13.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142304.D
Acq: 05 May 2025 18:41

Instrument :
BNA_F
ClientSampleId :
PB167836BL



Tgt Ion:264 Resp: 442703

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.5	17.5	26.3

