

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
 Data File : BF142608.D
 Acq On : 04 Jun 2025 15:47
 Operator : RC/JU
 Sample : Q2172-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 04 16:09:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

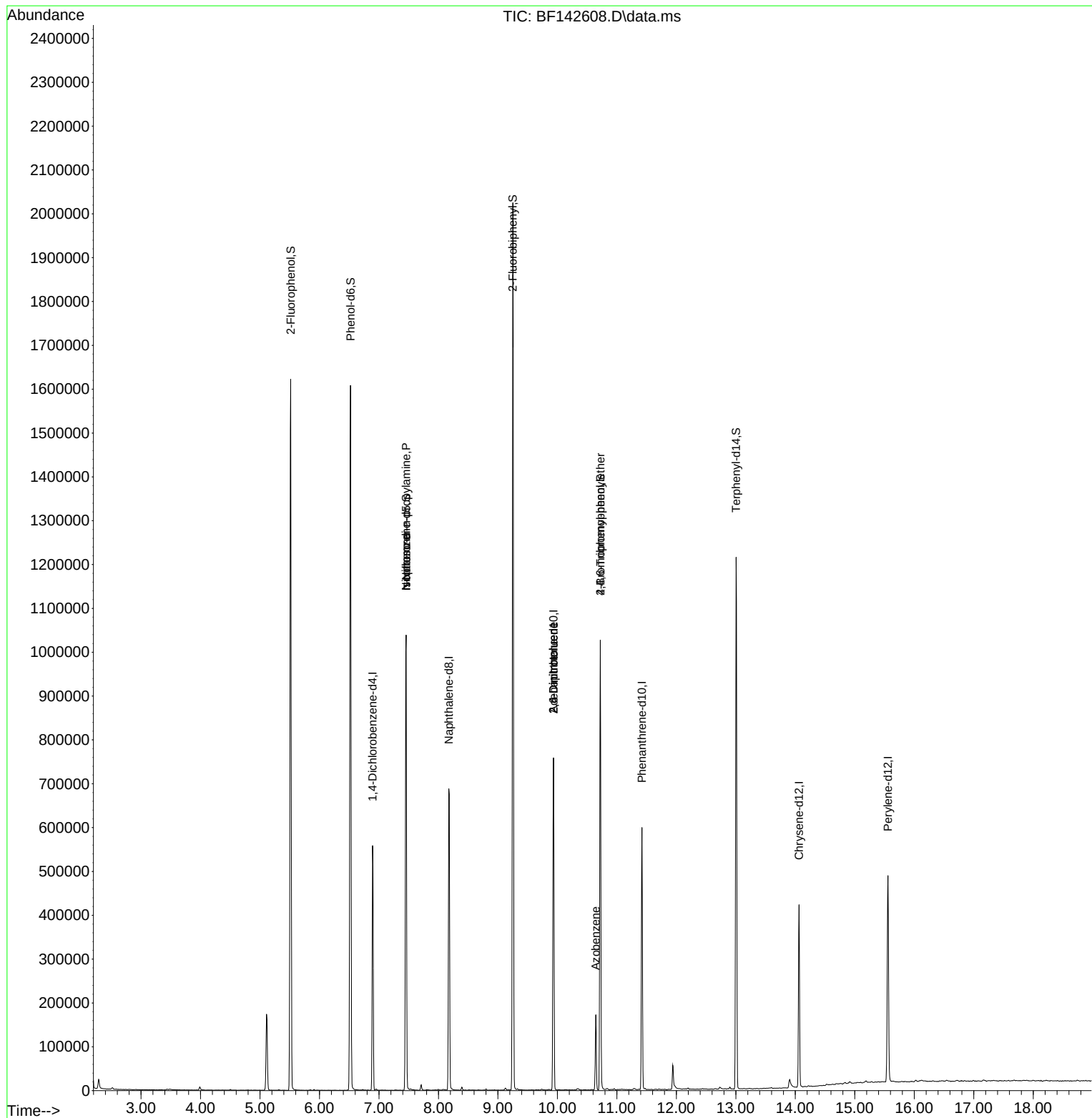
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	123384	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	464328	20.000	ng	-0.01
39) Acenaphthene-d10	9.934	164	224694	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	307417	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	206754	20.000	ng	-0.01
86) Perylene-d12	15.557	264	282900	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	636397	86.897	ng	0.00
7) Phenol-d6	6.522	99	783377	88.860	ng	-0.01
23) Nitrobenzene-d5	7.457	82	456265	53.582	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	178128	71.428	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	909287	54.302	ng	-0.02
79) Terphenyl-d14	13.004	244	603444	39.885	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	59260	10.846	ng	# 76
25) Isophorone	7.457	82	445296	31.277	ng	# 63
51) 2,6-Dinitrotoluene	9.934	165	28168	8.803	ng	# 27
57) 2,4-Dinitrotoluene	9.934	165	28168	6.740	ng	# 28
63) Azobenzene	10.645	77	39528	3.039	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	11320	3.114	ng	# 1

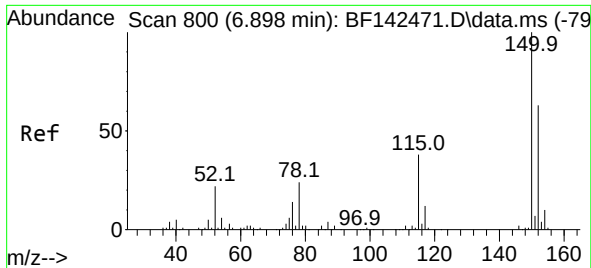
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
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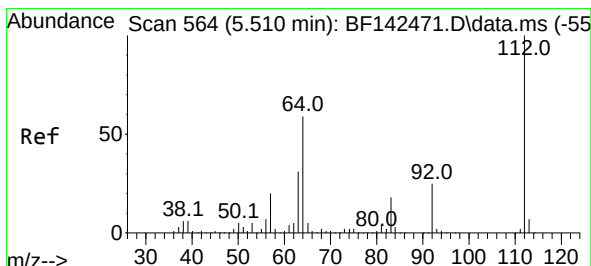
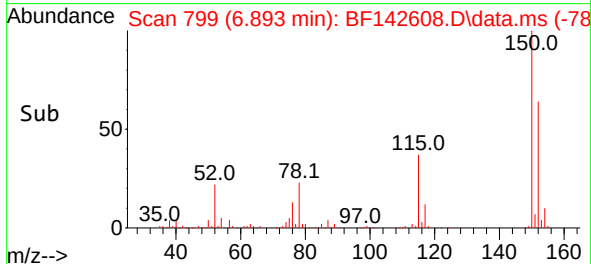
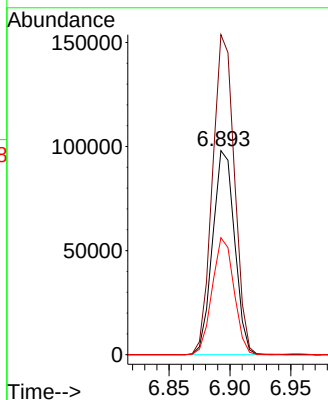
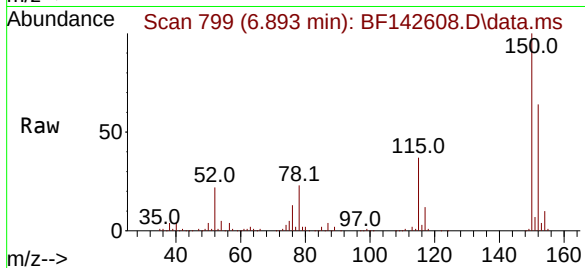




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF142608.D
 Acq: 04 Jun 2025 15:47

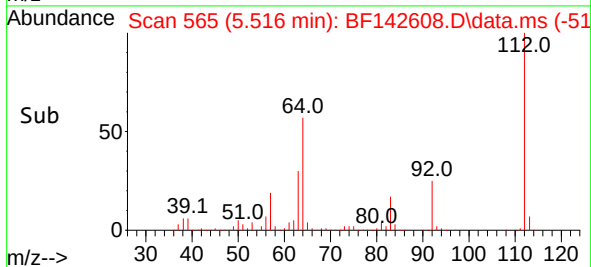
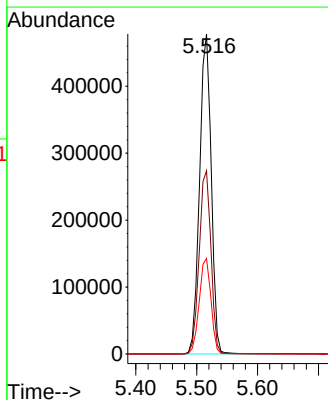
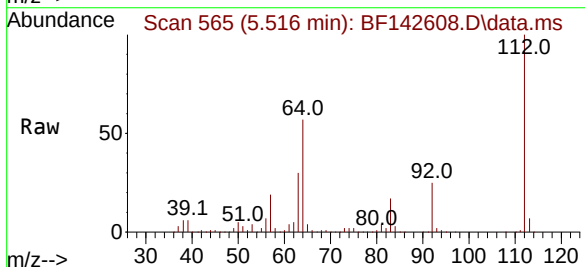
Instrument :
 BNA_F
 ClientSampleId :

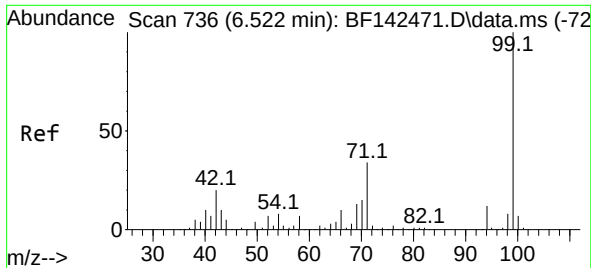
Tgt Ion:152 Resp: 123384
 Ion Ratio Lower Upper
 152 100
 150 156.9 128.2 192.4
 115 57.4 48.3 72.5



#5
 2-Fluorophenol
 Concen: 86.897 ng
 RT: 5.516 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: BF142608.D
 Acq: 04 Jun 2025 15:47

Tgt Ion:112 Resp: 636397
 Ion Ratio Lower Upper
 112 100
 64 57.3 47.5 71.3
 63 29.9 24.9 37.3

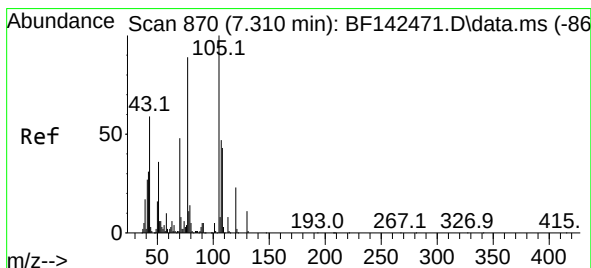
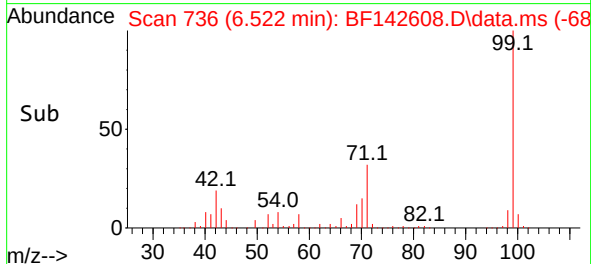
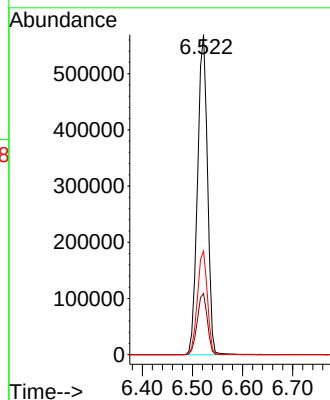
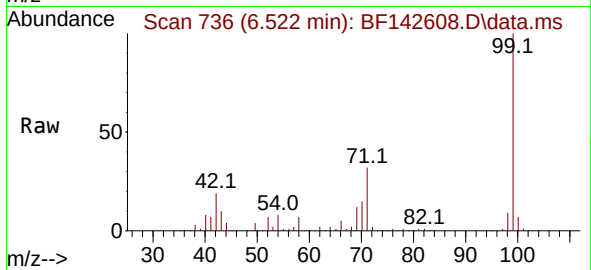




#7
Phenol-d6
Concen: 88.860 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142608.D
Acq: 04 Jun 2025 15:47

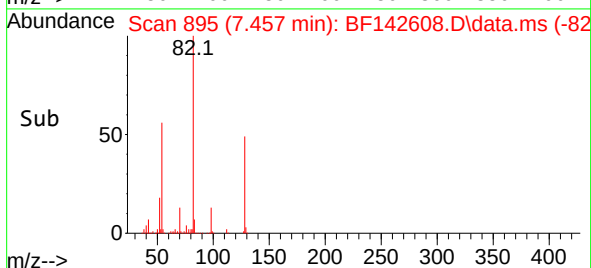
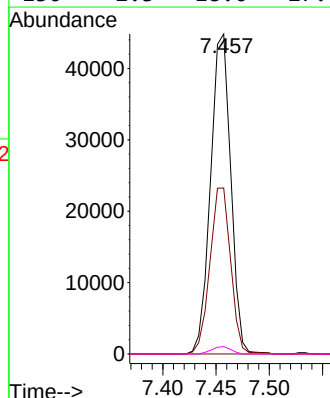
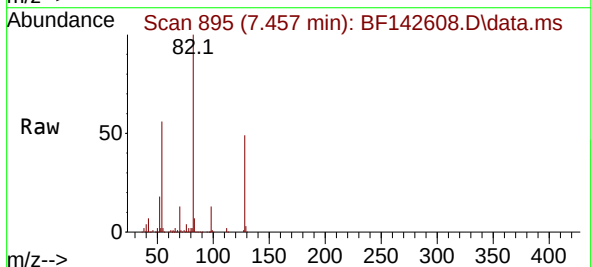
Instrument :
BNA_F
ClientSampleId :

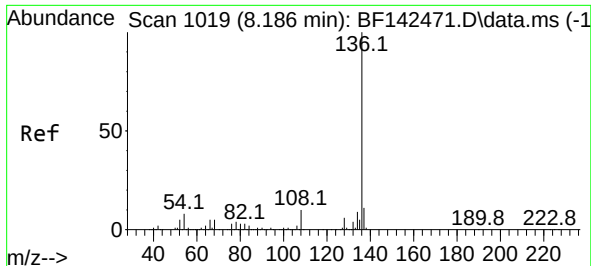
Tgt Ion: 99 Resp: 783377
Ion Ratio Lower Upper
99 100
42 19.1 16.2 24.2
71 32.4 27.3 40.9



#19
n-Nitroso-di-n-propylamine
Concen: 10.846 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.130 min
Lab File: BF142608.D
Acq: 04 Jun 2025 15:47

Tgt Ion: 70 Resp: 59260
Ion Ratio Lower Upper
70 100
42 51.9 52.4 78.6#
101 0.0 7.8 11.8#
130 2.3 18.0 27.0#

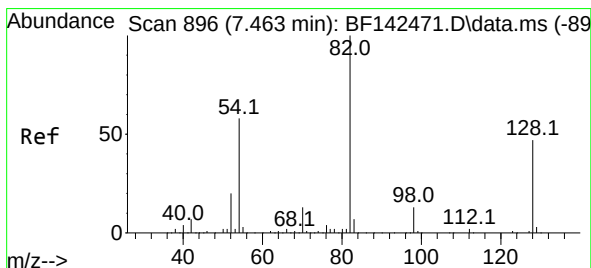
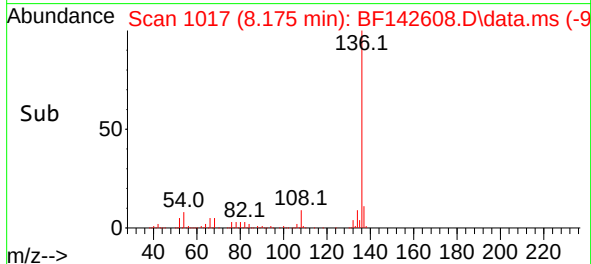
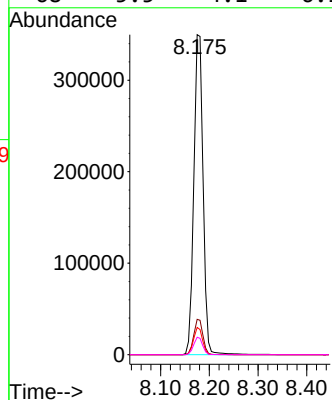
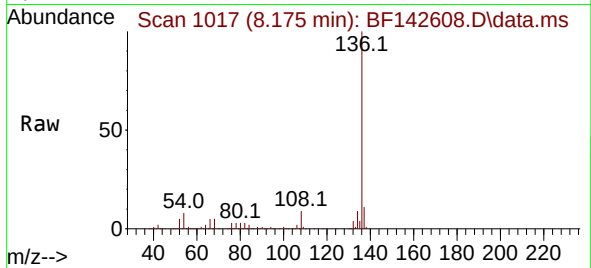




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF142608.D
Acq: 04 Jun 2025 15:47

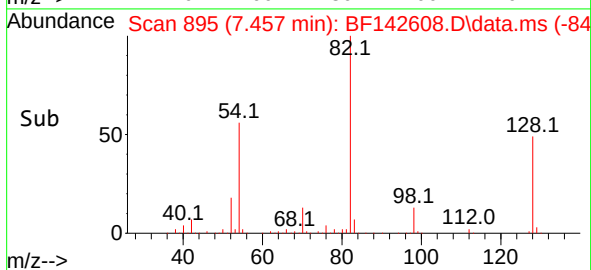
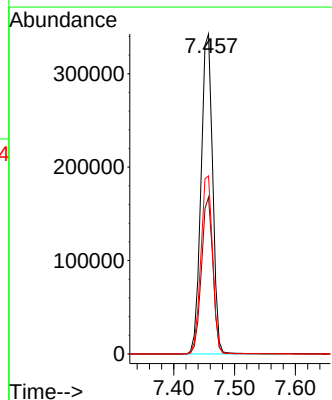
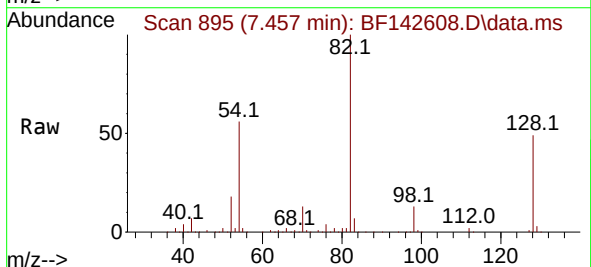
Instrument :
BNA_F
ClientSampleId :

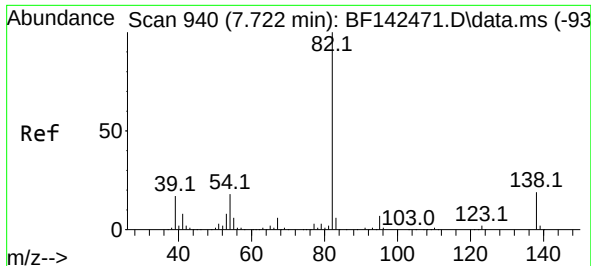
Tgt Ion:136 Resp: 464328
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.5 6.6 10.0
68 5.5 4.1 6.1



#23
Nitrobenzene-d5
Concen: 53.582 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF142608.D
Acq: 04 Jun 2025 15:47

Tgt Ion: 82 Resp: 456265
Ion Ratio Lower Upper
82 100
128 49.0 37.4 56.2
54 55.7 46.6 70.0

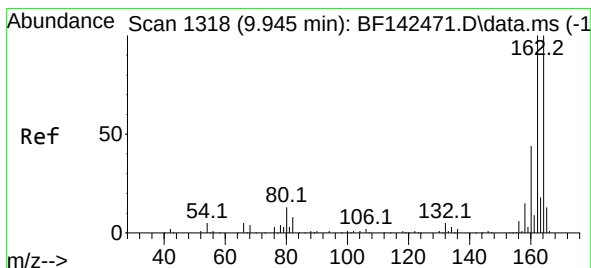
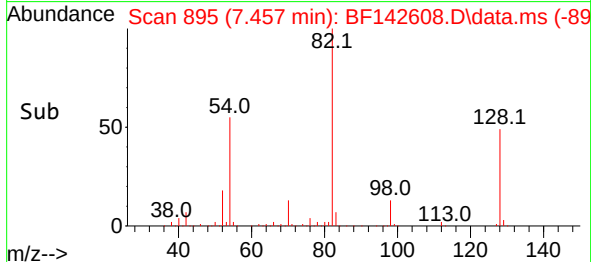
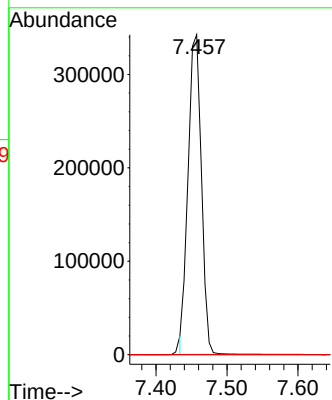
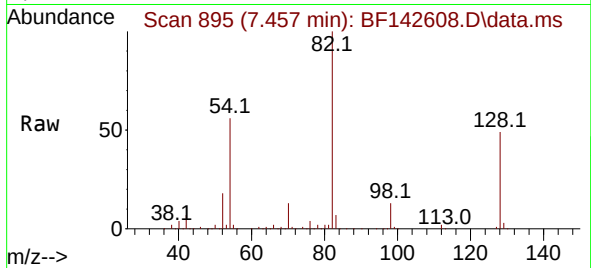




#25
Isophorone
Concen: 31.277 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.276 min
Lab File: BF142608.D
Acq: 04 Jun 2025 15:47

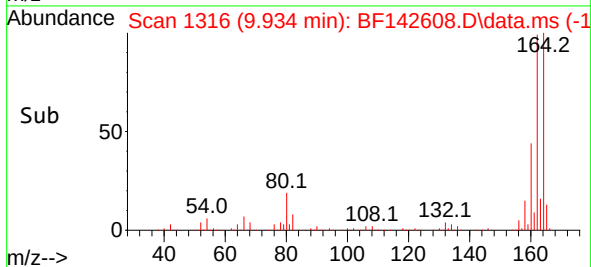
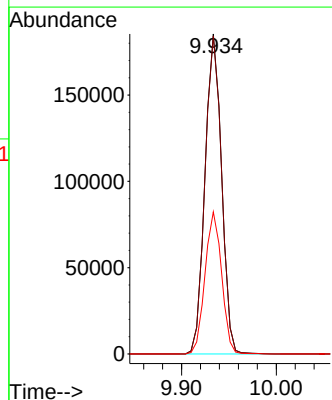
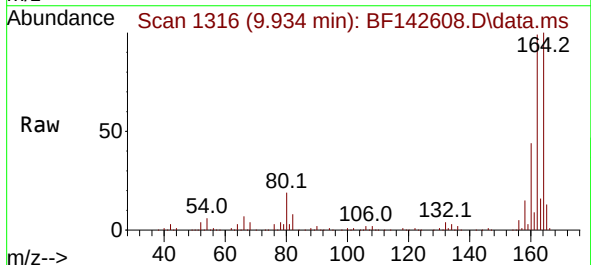
Instrument :
BNA_F
ClientSampleId :

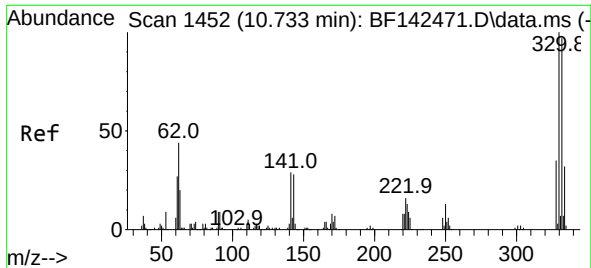
Tgt Ion: 82 Resp: 445296
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142608.D
Acq: 04 Jun 2025 15:47

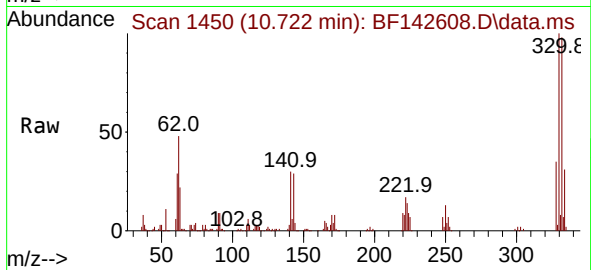
Tgt Ion:164 Resp: 224694
Ion Ratio Lower Upper
164 100
162 99.4 80.2 120.4
160 44.4 35.6 53.4



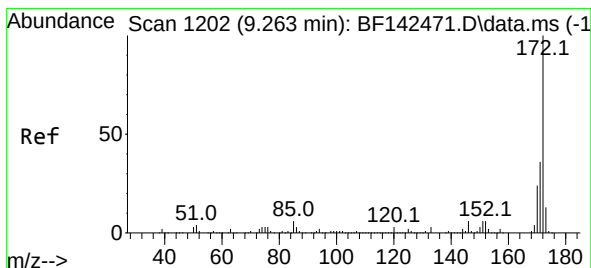
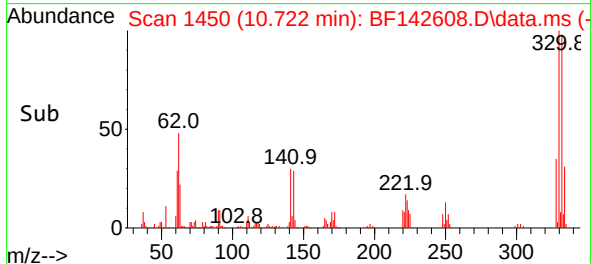
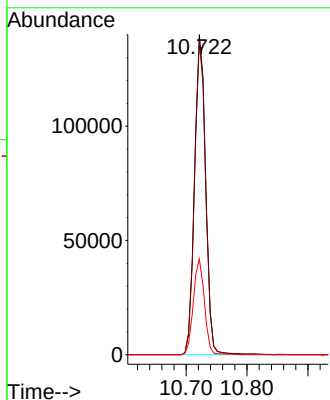


#42
2,4,6-Tribromophenol
Concen: 71.428 ng
RT: 10.722 min Scan# 1452
Delta R.T. -0.017 min
Lab File: BF142608.D
Acq: 04 Jun 2025 15:47

Instrument :
BNA_F
ClientSampleId :

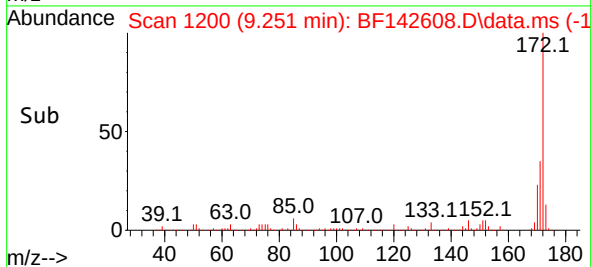
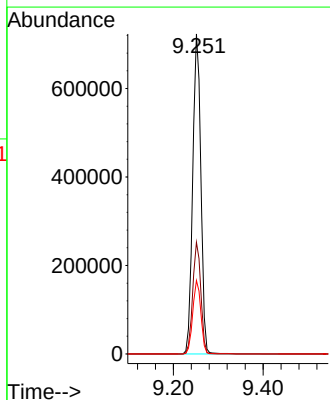
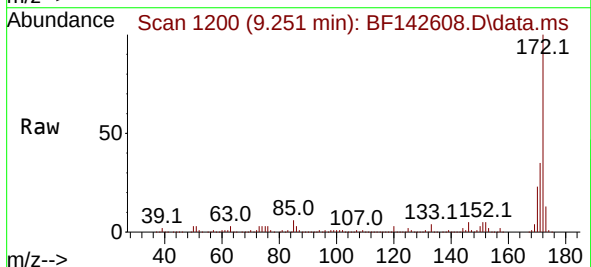


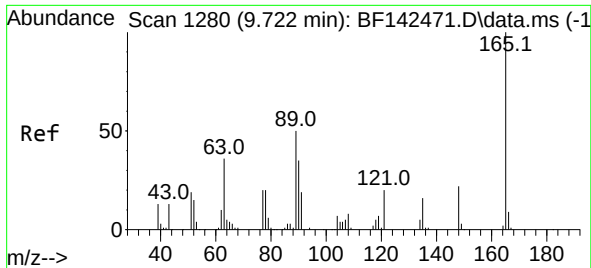
Tgt Ion:330 Resp: 178128
Ion Ratio Lower Upper
330 100
332 97.7 77.6 116.4
141 29.7 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 54.302 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.017 min
Lab File: BF142608.D
Acq: 04 Jun 2025 15:47

Tgt Ion:172 Resp: 909287
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.0 18.9 28.3

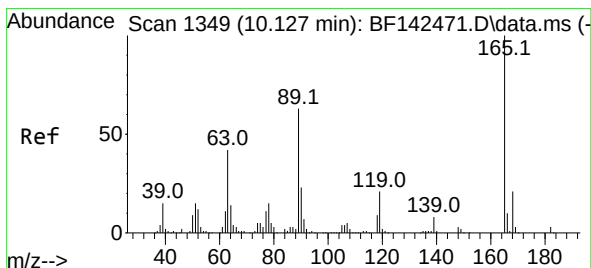
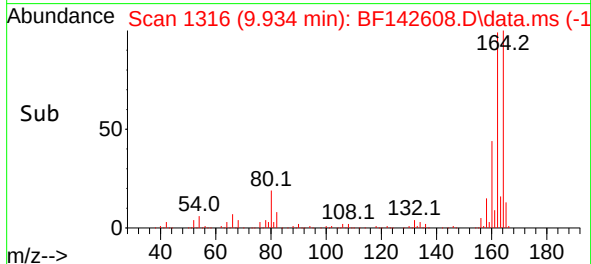
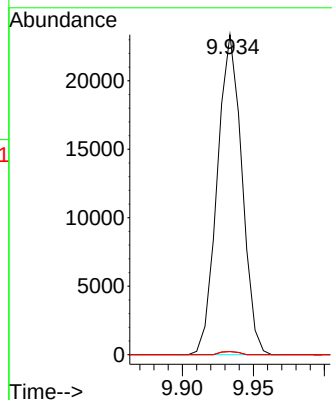
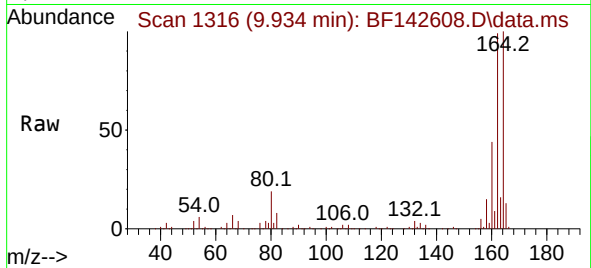




#51
2,6-Dinitrotoluene
Concen: 8.803 ng
RT: 9.934 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF142608.D
Acq: 04 Jun 2025 15:47

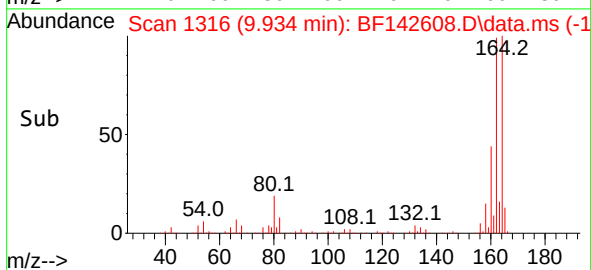
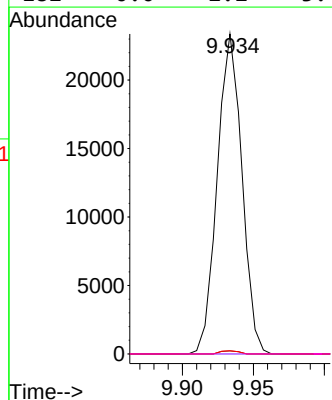
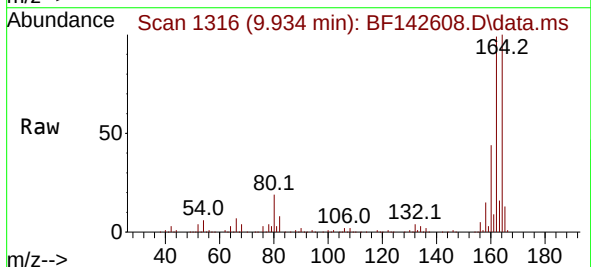
Instrument :
BNA_F
ClientSampleId :

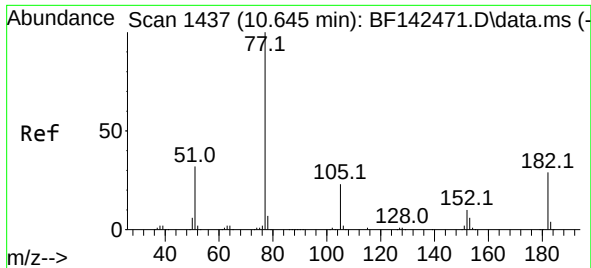
Tgt Ion:165 Resp: 28168
Ion Ratio Lower Upper
165 100
63 1.0 42.9 64.3#
89 1.0 40.2 60.4#



#57
2,4-Dinitrotoluene
Concen: 6.740 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF142608.D
Acq: 04 Jun 2025 15:47

Tgt Ion:165 Resp: 28168
Ion Ratio Lower Upper
165 100
63 1.0 33.6 50.4#
89 1.0 50.2 75.4#
182 0.0 2.2 3.4#

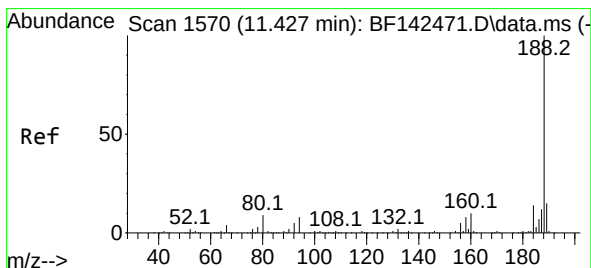
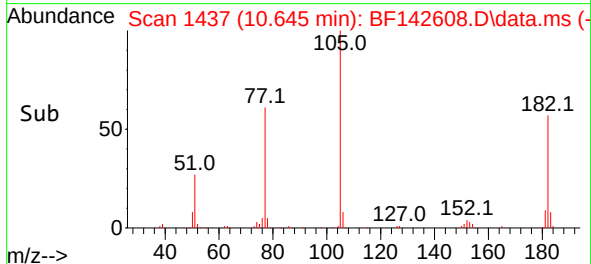
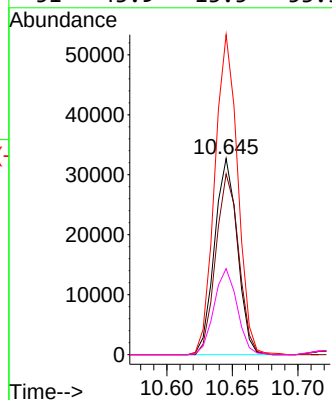
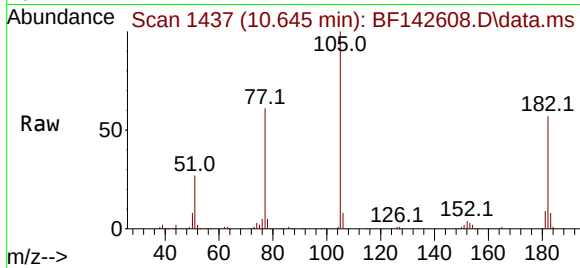




#63
Azobenzene
Concen: 3.039 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142608.D
Acq: 04 Jun 2025 15:47

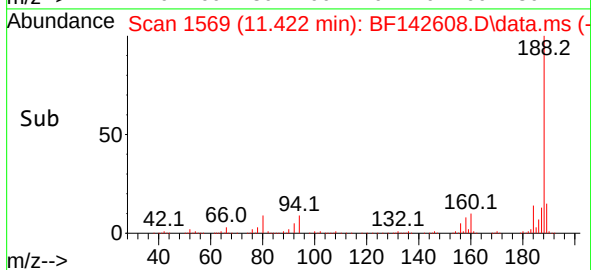
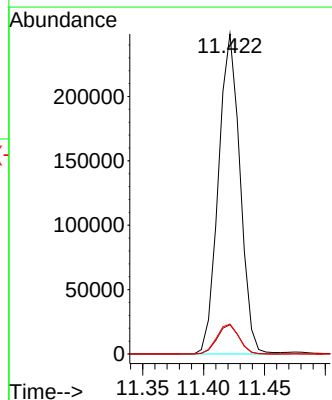
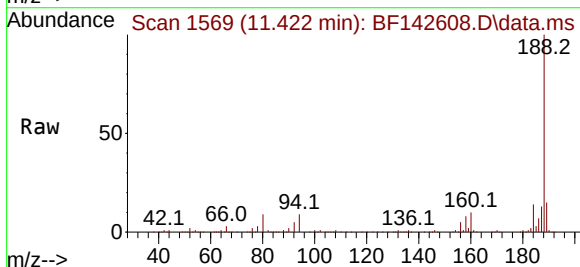
Instrument :
BNA_F
ClientSampleId :

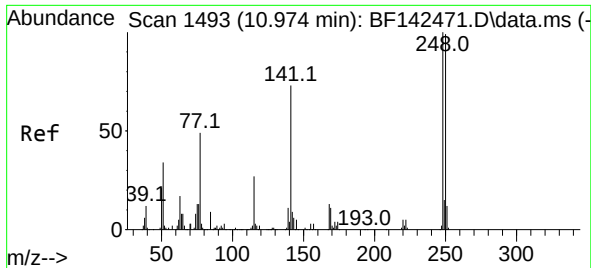
Tgt Ion: 77 Resp: 39528
Ion Ratio Lower Upper
77 100
182 92.2 9.0 49.0#
105 163.2 2.4 42.4#
51 43.9 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142608.D
Acq: 04 Jun 2025 15:47

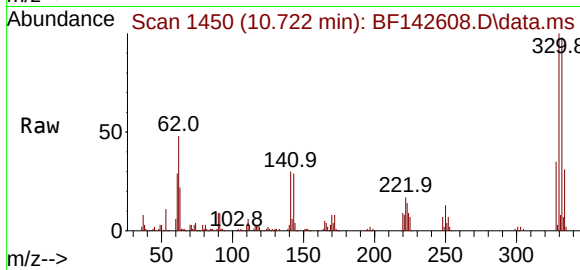
Tgt Ion:188 Resp: 307417
Ion Ratio Lower Upper
188 100
94 9.1 6.6 10.0
80 9.4 7.4 11.0



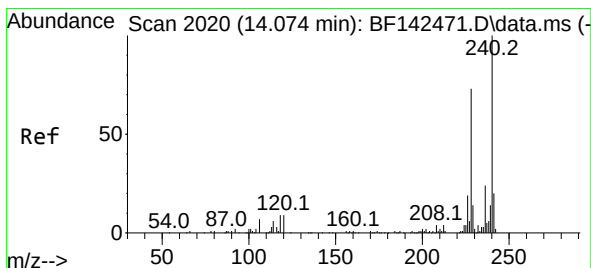
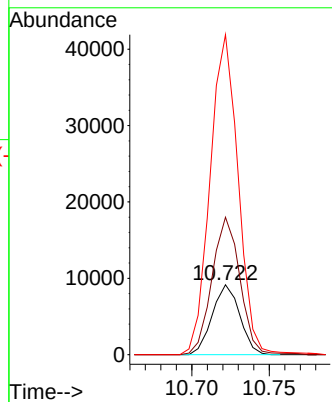
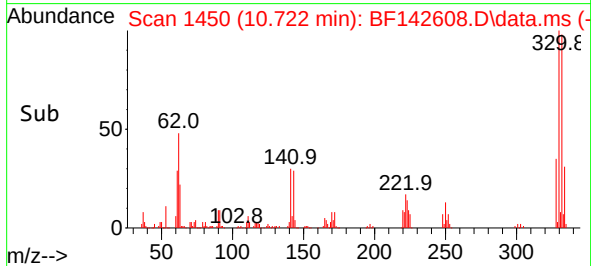


#67
4-Bromophenyl-phenylether
Concen: 3.114 ng
RT: 10.722 min Scan# 1493
Delta R.T. -0.253 min
Lab File: BF142608.D
Acq: 04 Jun 2025 15:47

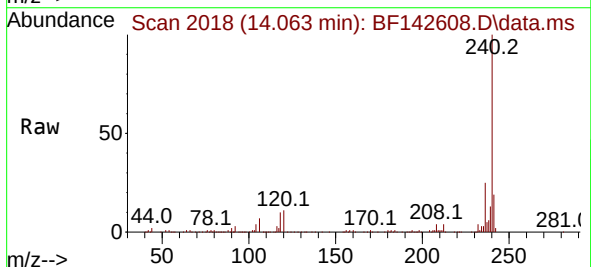
Instrument :
BNA_F
ClientSampleId :



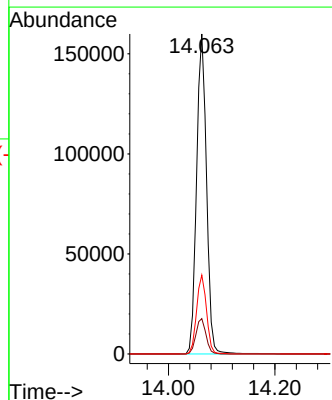
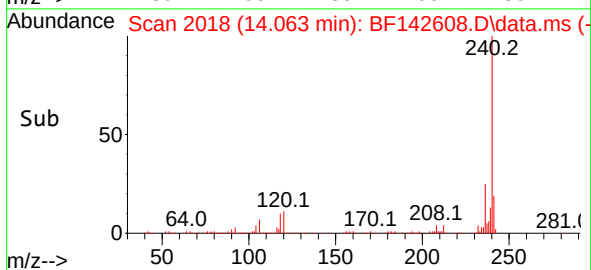
Tgt Ion:248 Resp: 11320
Ion Ratio Lower Upper
248 100
250 196.4 79.0 118.4#
141 457.3 58.4 87.6#

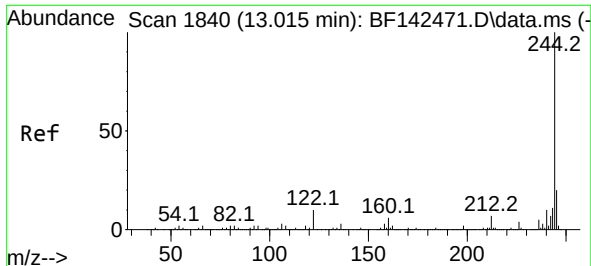


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142608.D
Acq: 04 Jun 2025 15:47



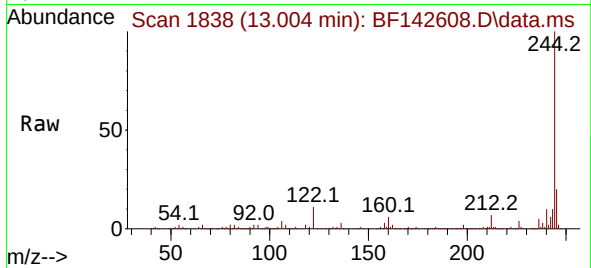
Tgt Ion:240 Resp: 206754
Ion Ratio Lower Upper
240 100
120 11.0 7.5 11.3
236 24.7 19.6 29.4



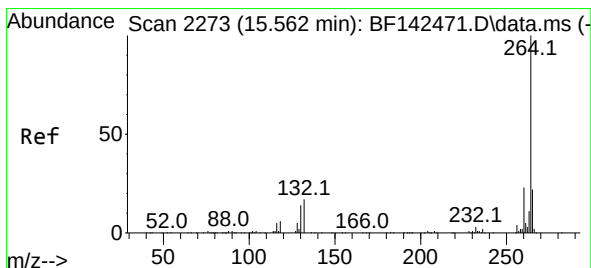
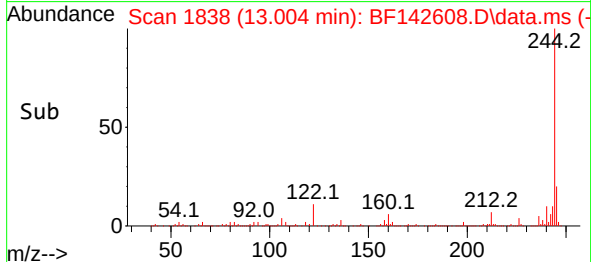
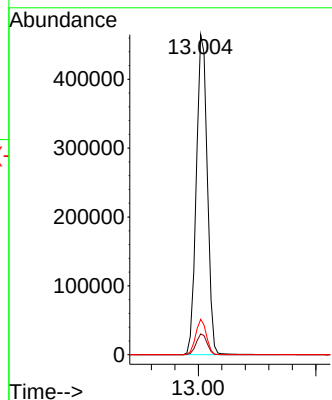


#79
 Terphenyl-d14
 Concen: 39.885 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF142608.D
 Acq: 04 Jun 2025 15:47

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 603444
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 11.0 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF142608.D
 Acq: 04 Jun 2025 15:47

Tgt Ion:264 Resp: 282900
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.0 17.7 26.5

