

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
 Data File : BF141660.D
 Acq On : 18 Feb 2025 14:22
 Operator : RC/JU
 Sample : PB166735TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166735TB

Quant Time: Feb 18 14:54:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

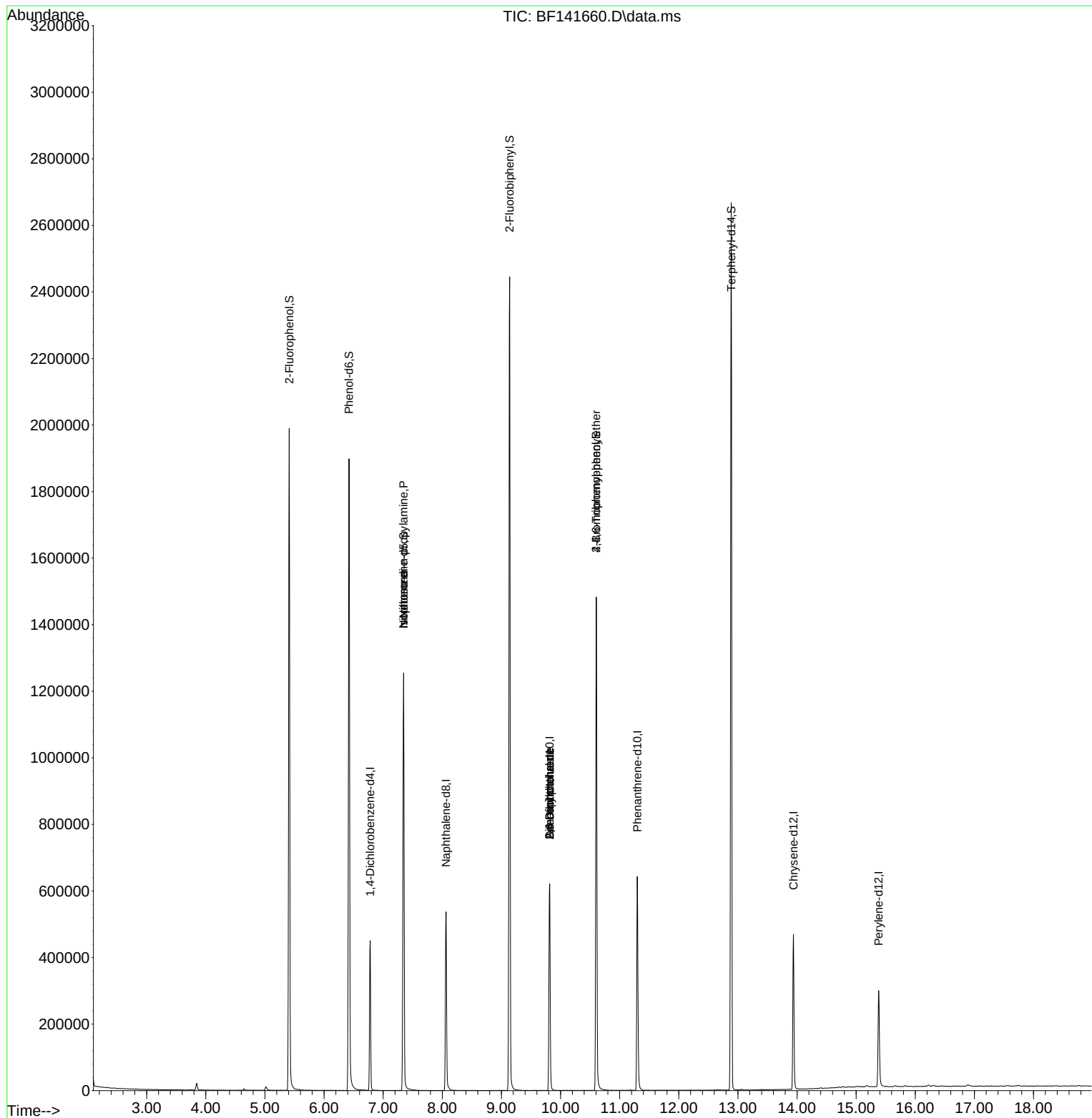
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	94485	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	379147	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	207126	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	365274	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	245320	20.000	ng	-0.02
86) Perylene-d12	15.380	264	188383	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	744929	123.602	ng	0.00
7) Phenol-d6	6.422	99	918611	120.594	ng	-0.02
23) Nitrobenzene-d5	7.345	82	598662	82.356	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	248880	119.615	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1149604	85.510	ng	-0.01
79) Terphenyl-d14	12.886	244	1353679	93.154	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	80408	17.647	ng	# 72
25) Isophorone	7.345	82	582057	50.219	ng	# 66
50) Dimethylphthalate	9.816	163	30992	2.204	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	25725	8.369	ng	# 22
57) 2,4-Dinitrotoluene	9.816	165	25725	6.287	ng	# 18
67) 4-Bromophenyl-phenylether	10.604	248	17139	4.198	ng	# 1

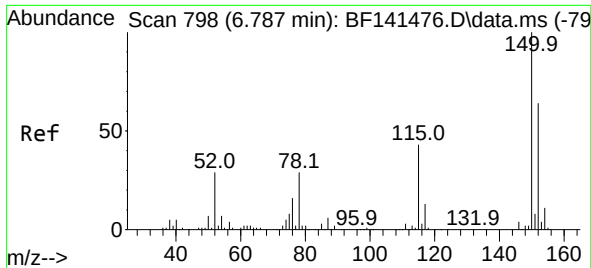
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
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QLast Update : Thu Feb 06 16:58:59 2025
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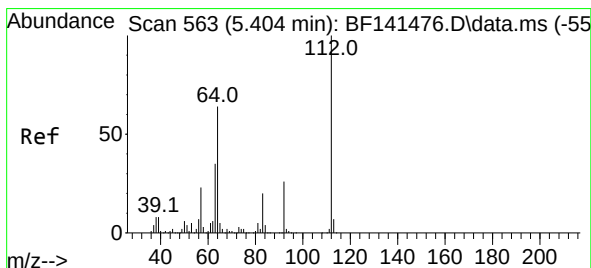
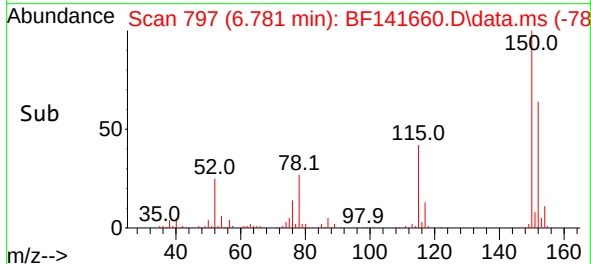
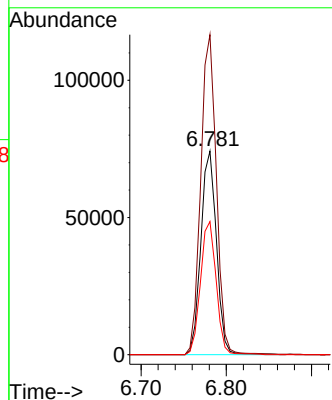
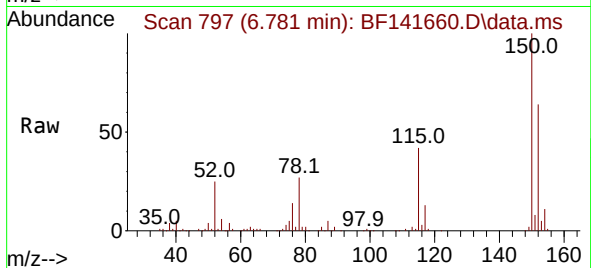




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141660.D
 Acq: 18 Feb 2025 14:22

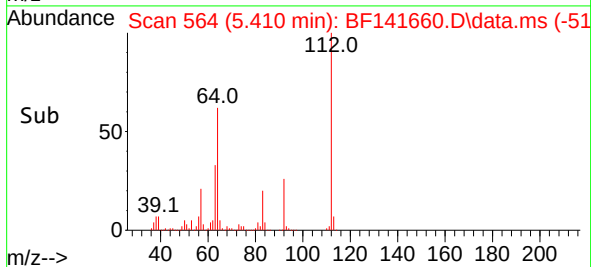
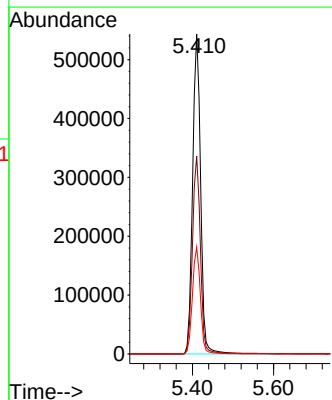
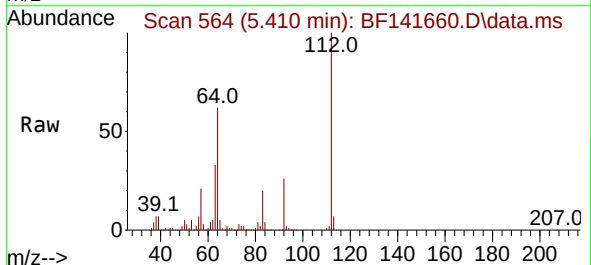
Instrument :
 BNA_F
 ClientSampleId :
 PB166735TB

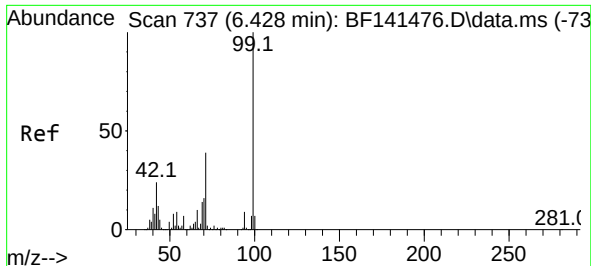
Tgt Ion:152 Resp: 94485
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.0 187.4
 115 65.4 53.6 80.4



#5
 2-Fluorophenol
 Concen: 123.602 ng
 RT: 5.410 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: BF141660.D
 Acq: 18 Feb 2025 14:22

Tgt Ion:112 Resp: 744929
 Ion Ratio Lower Upper
 112 100
 64 61.8 51.1 76.7
 63 33.5 28.4 42.6

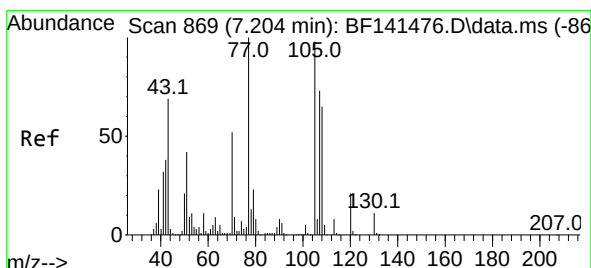
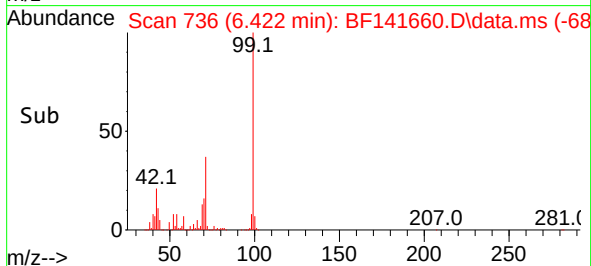
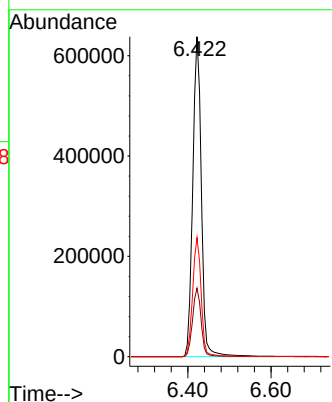
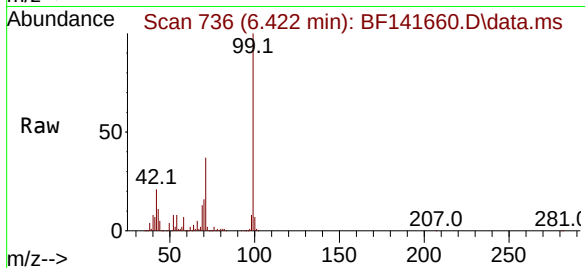




#7
Phenol-d6
Concen: 120.594 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141660.D
Acq: 18 Feb 2025 14:22

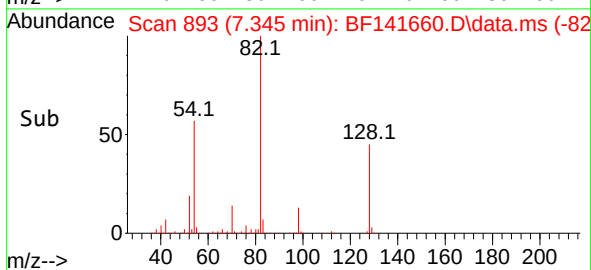
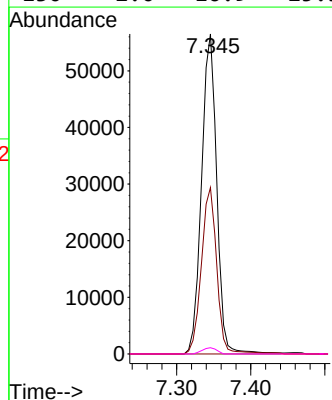
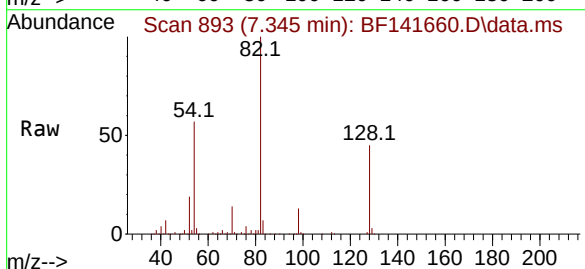
Instrument :
BNA_F
ClientSampleId :
PB166735TB

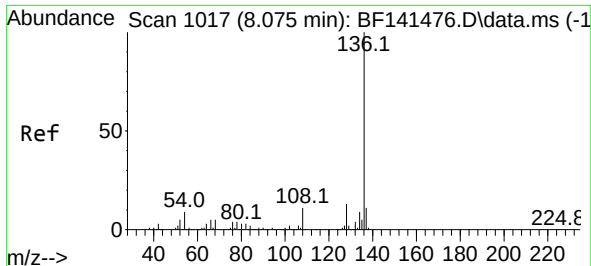
Tgt Ion: 99 Resp: 918611
Ion Ratio Lower Upper
99 100
42 21.4 19.1 28.7
71 37.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.647 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF141660.D
Acq: 18 Feb 2025 14:22

Tgt Ion: 70 Resp: 80408
Ion Ratio Lower Upper
70 100
42 52.0 57.4 86.2#
101 0.0 8.0 12.0#
130 2.0 16.9 25.3#

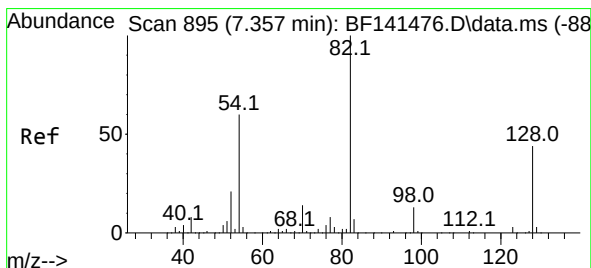
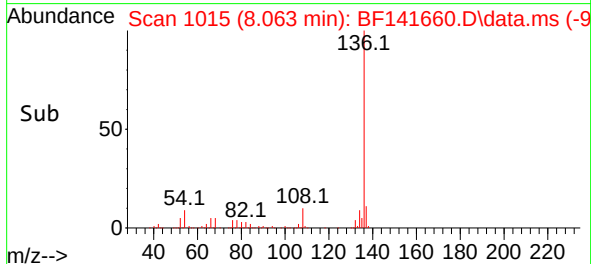
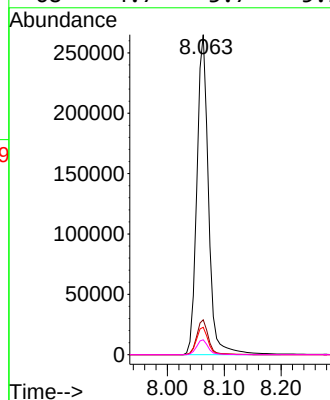
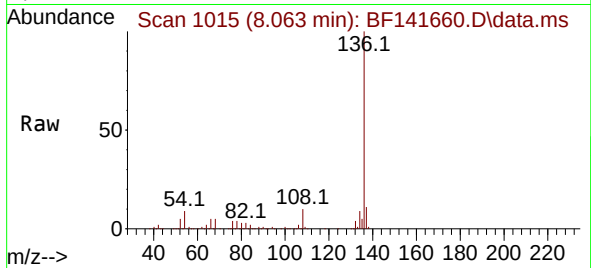




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141660.D
Acq: 18 Feb 2025 14:22

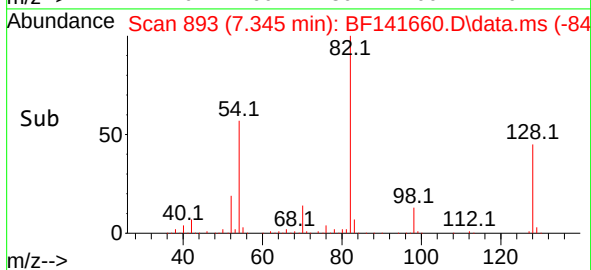
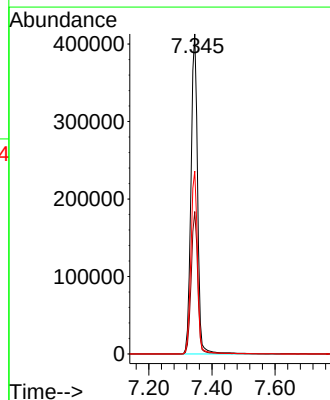
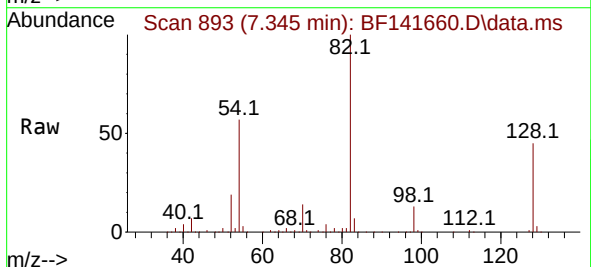
Instrument :
BNA_F
ClientSampleId :
PB166735TB

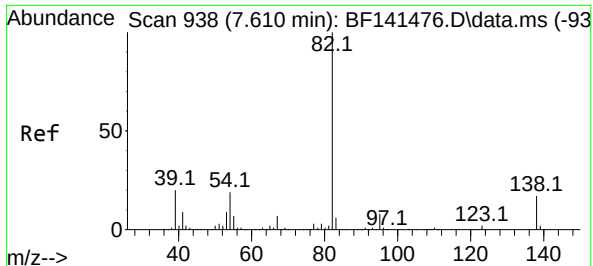
Tgt Ion:136 Resp: 379147
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 7.2 10.8
68 4.7 3.7 5.5



#23
Nitrobenzene-d5
Concen: 82.356 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF141660.D
Acq: 18 Feb 2025 14:22

Tgt Ion: 82 Resp: 598662
Ion Ratio Lower Upper
82 100
128 44.5 34.8 52.2
54 57.1 48.2 72.4

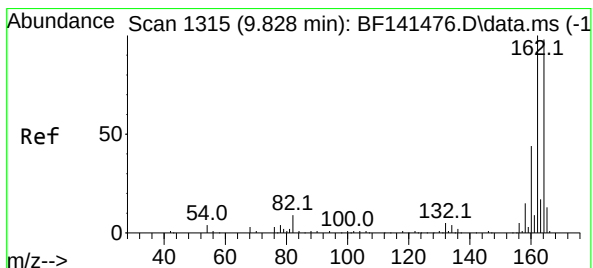
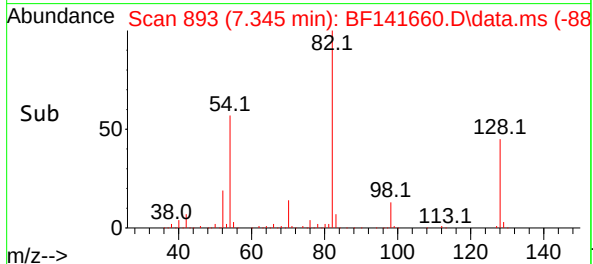
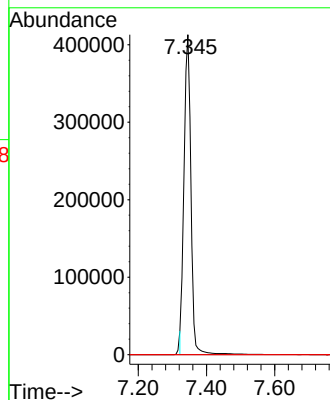
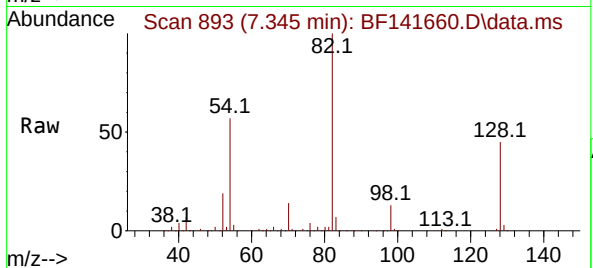




#25
Isophorone
Concen: 50.219 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.276 min
Lab File: BF141660.D
Acq: 18 Feb 2025 14:22

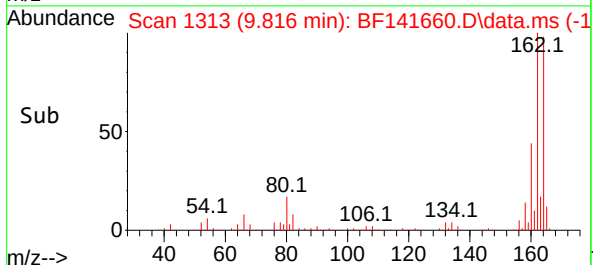
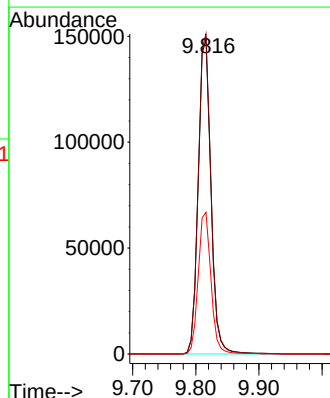
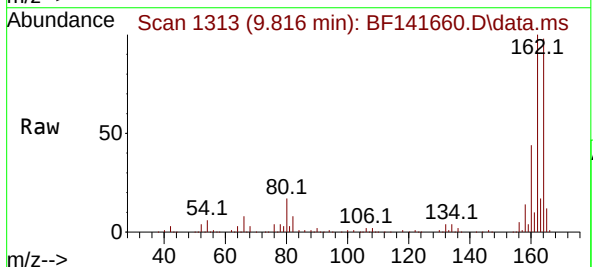
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ClientSampleId :
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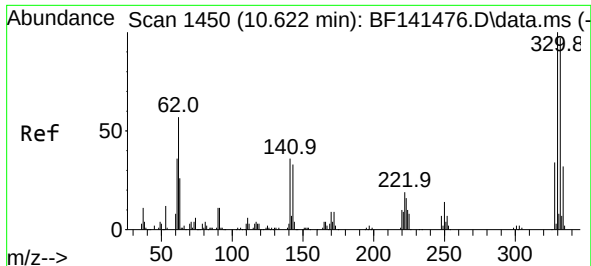
Tgt Ion: 82 Resp: 582057
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1313
Delta R.T. -0.017 min
Lab File: BF141660.D
Acq: 18 Feb 2025 14:22

Tgt Ion:164 Resp: 207126
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 45.0 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 119.615 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.023 min

Lab File: BF141660.D

Acq: 18 Feb 2025 14:22

Instrument :

BNA_F

ClientSampleId :

PB166735TB

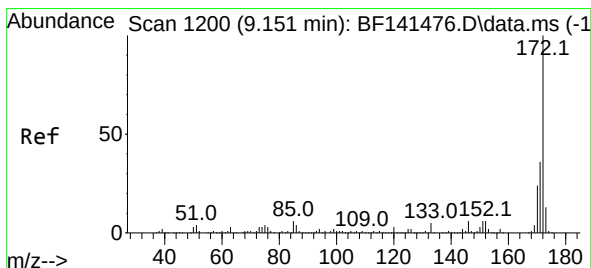
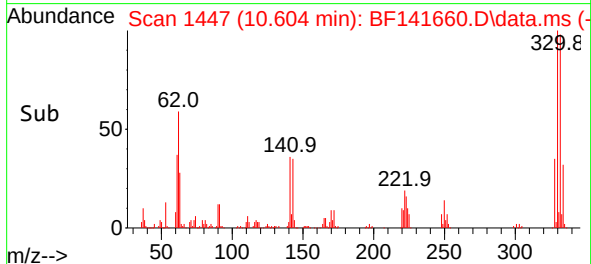
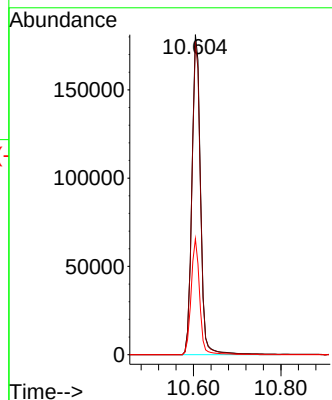
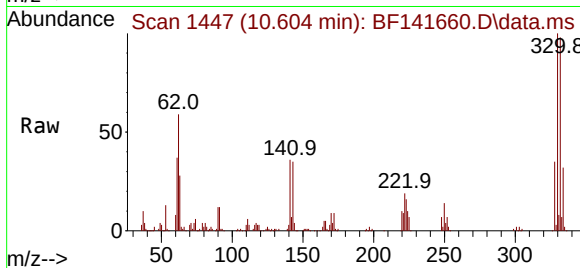
Tgt Ion:330 Resp: 248880

Ion Ratio Lower Upper

330 100

332 97.6 78.5 117.7

141 35.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 85.510 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141660.D

Acq: 18 Feb 2025 14:22

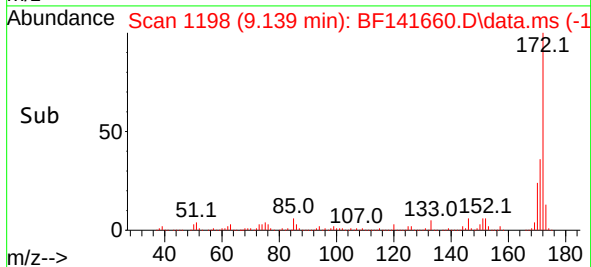
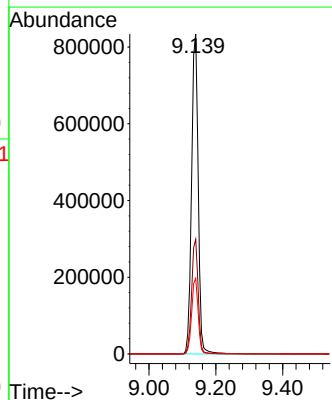
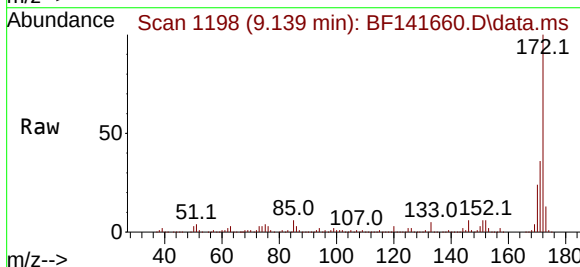
Tgt Ion:172 Resp: 1149604

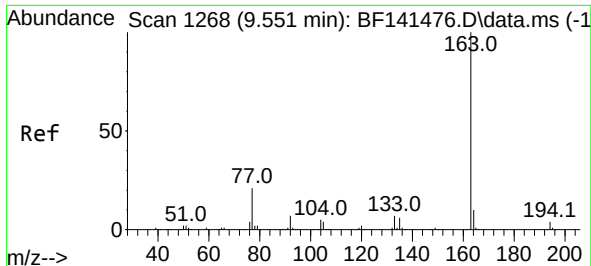
Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.6 18.9 28.3

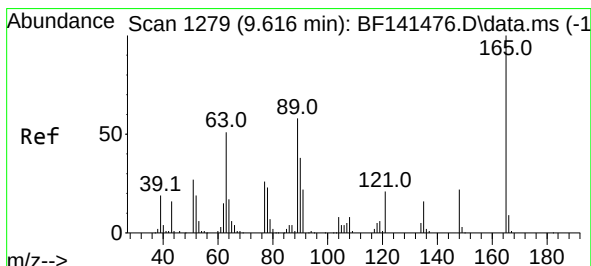
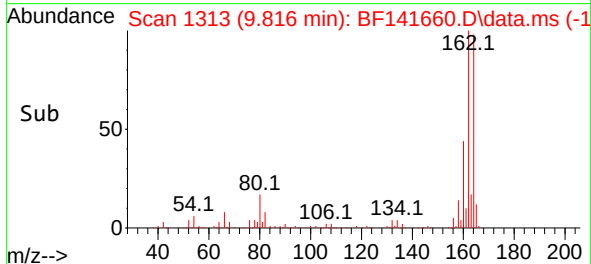
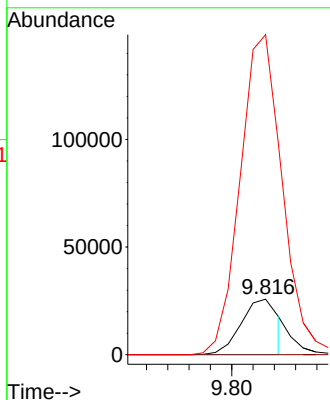
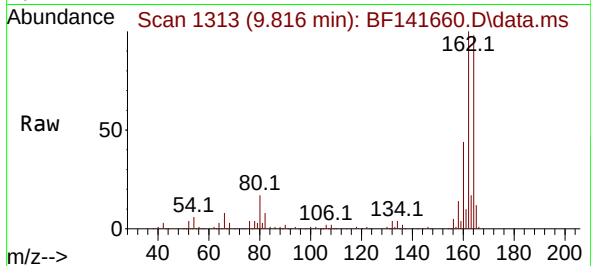




#50
Dimethylphthalate
Concen: 2.204 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.253 min
Lab File: BF141660.D
Acq: 18 Feb 2025 14:22

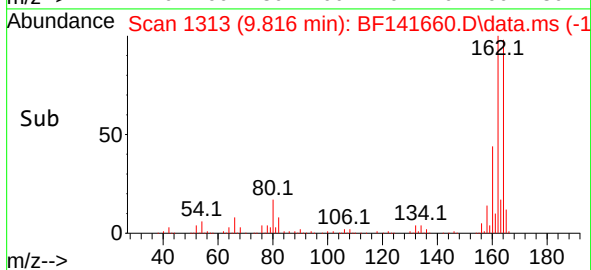
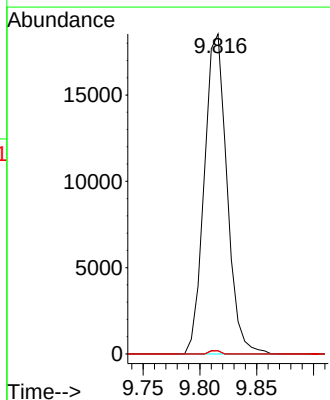
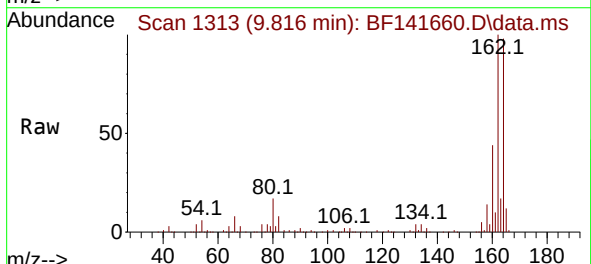
Instrument :
BNA_F
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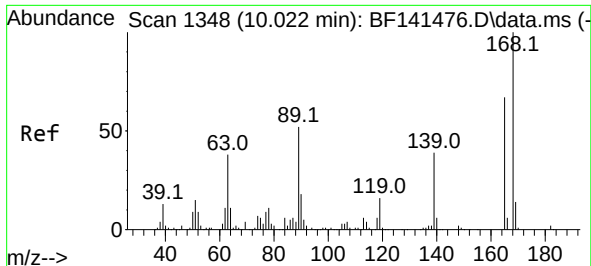
Tgt Ion:163 Resp: 30992
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 576.4 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.369 ng
RT: 9.816 min Scan# 1313
Delta R.T. 0.194 min
Lab File: BF141660.D
Acq: 18 Feb 2025 14:22

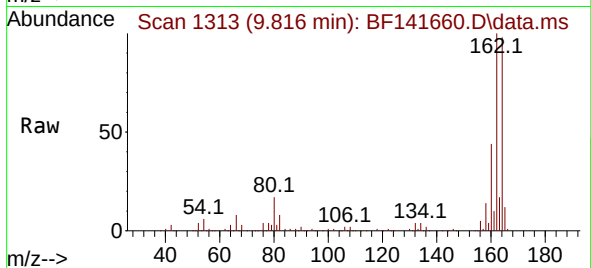
Tgt Ion:165 Resp: 25725
Ion Ratio Lower Upper
165 100
63 1.0 49.4 74.0#
89 1.0 46.5 69.7#



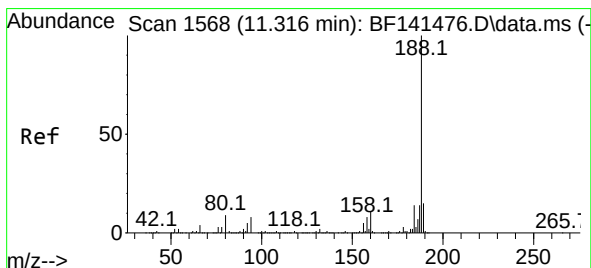
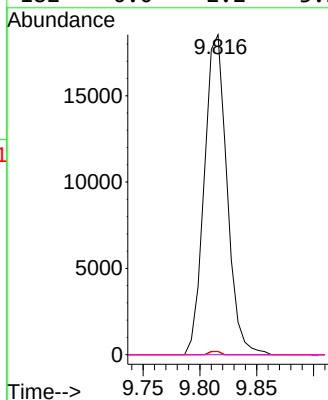
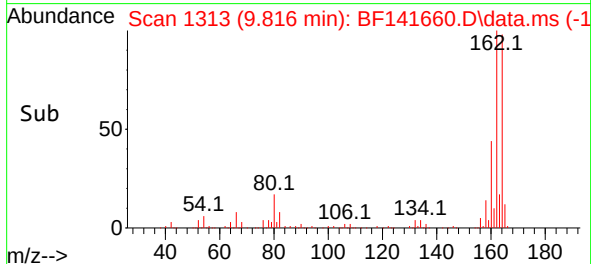


#57
2,4-Dinitrotoluene
Concen: 6.287 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF141660.D
Acq: 18 Feb 2025 14:22

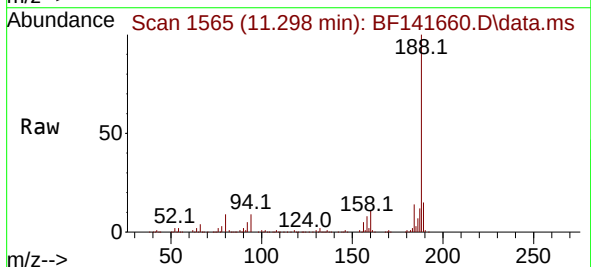
Instrument :
BNA_F
ClientSampleId :
PB166735TB



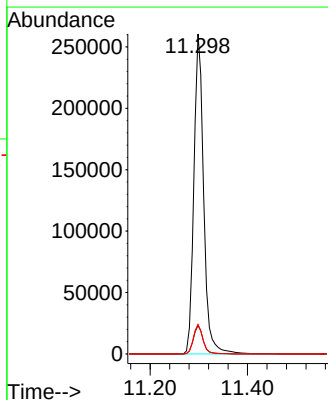
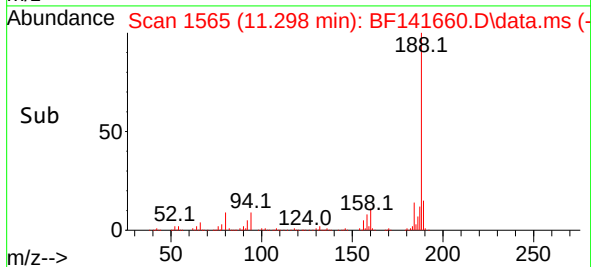
Tgt Ion:165 Resp: 25725
Ion Ratio Lower Upper
165 100
63 1.0 46.4 69.6#
89 1.0 61.8 92.6#
182 0.0 2.2 3.2#

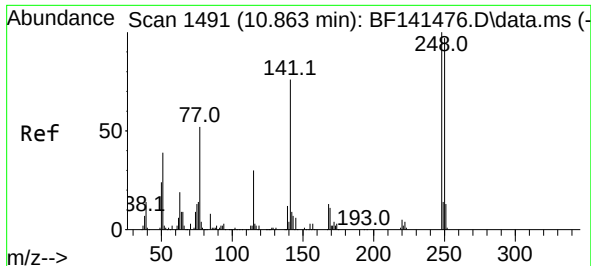


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.017 min
Lab File: BF141660.D
Acq: 18 Feb 2025 14:22



Tgt Ion:188 Resp: 365274
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.3 7.3 10.9

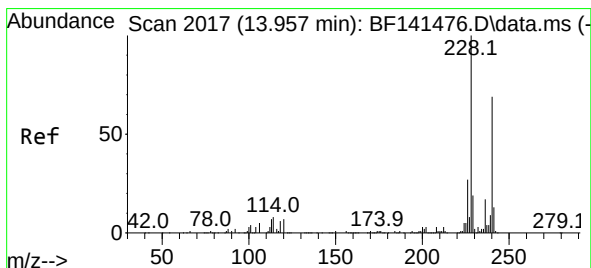
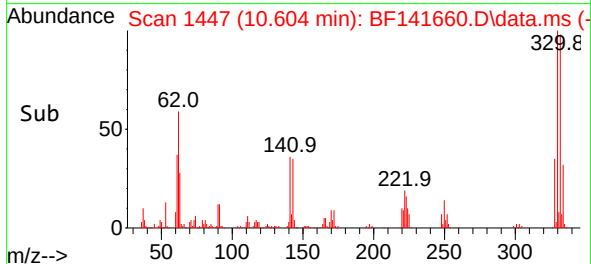
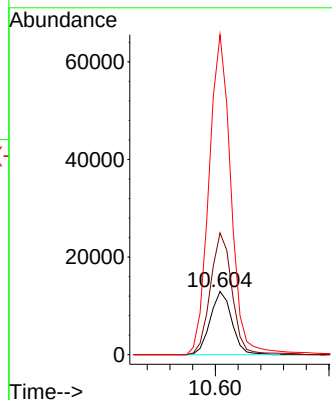
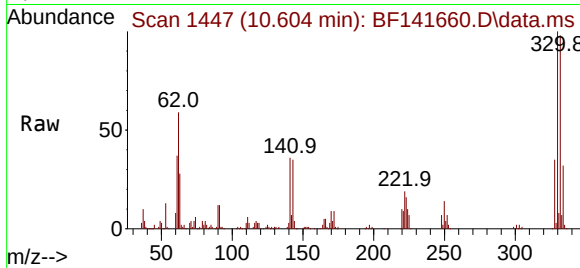




#67
4-Bromophenyl-phenylether
Concen: 4.198 ng
RT: 10.604 min Scan# 1491
Delta R.T. -0.259 min
Lab File: BF141660.D
Acq: 18 Feb 2025 14:22

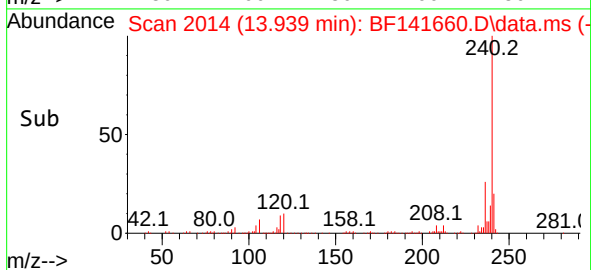
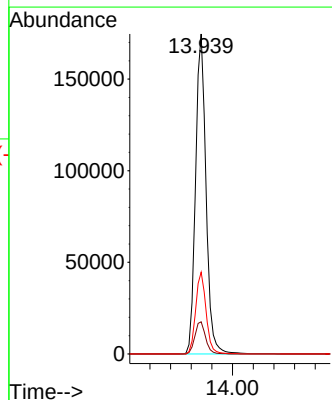
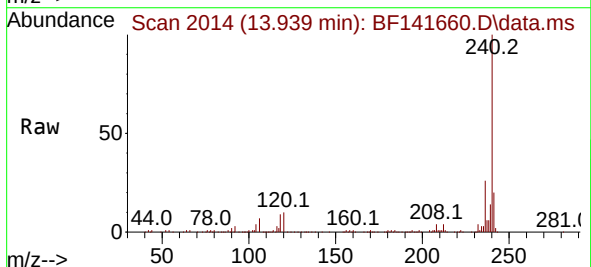
Instrument :
BNA_F
ClientSampleId :
PB166735TB

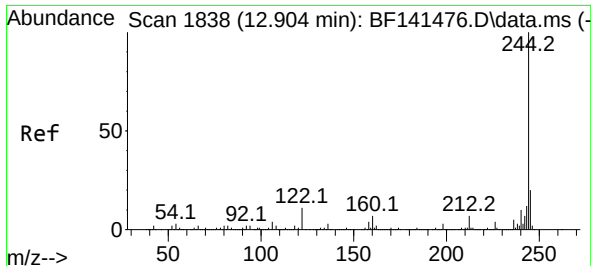
Tgt Ion:248 Resp: 17139
Ion Ratio Lower Upper
248 100
250 192.8 77.8 116.6#
141 506.9 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141660.D
Acq: 18 Feb 2025 14:22

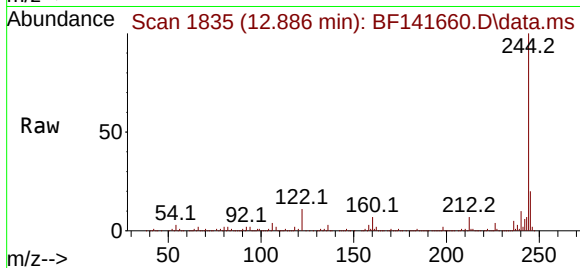
Tgt Ion:240 Resp: 245320
Ion Ratio Lower Upper
240 100
120 10.0 8.0 12.0
236 25.5 19.8 29.8



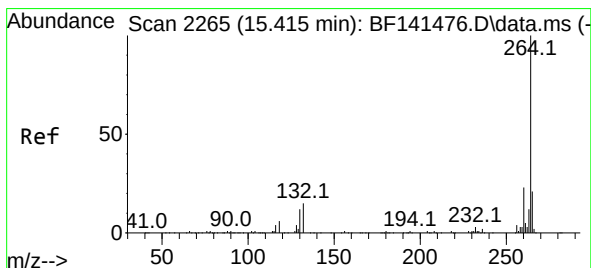
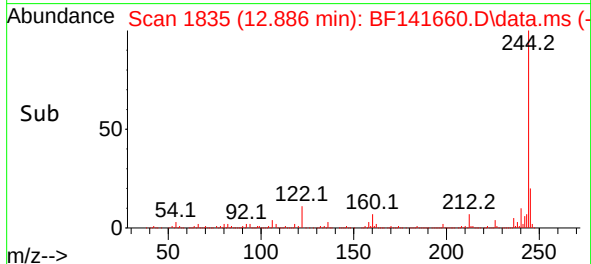
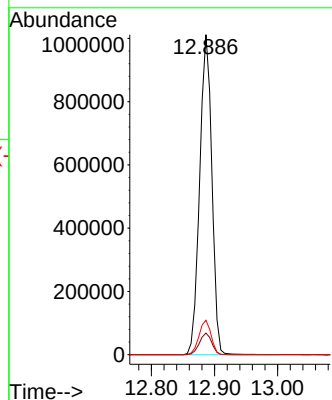


#79
Terphenyl-d14
Concen: 93.154 ng
RT: 12.886 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141660.D
Acq: 18 Feb 2025 14:22

Instrument :
BNA_F
ClientSampleId :
PB166735TB



Tgt Ion:244 Resp: 1353679
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.8 8.4 12.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.035 min
Lab File: BF141660.D
Acq: 18 Feb 2025 14:22

Tgt Ion:264 Resp: 188383
Ion Ratio Lower Upper
264 100
260 22.2 18.6 28.0
265 20.7 17.0 25.4

