

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141653.D
 Acq On : 14 Feb 2025 21:19
 Operator : RC/JU
 Sample : Q1366-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-2132025

Quant Time: Feb 14 22:09:46 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)

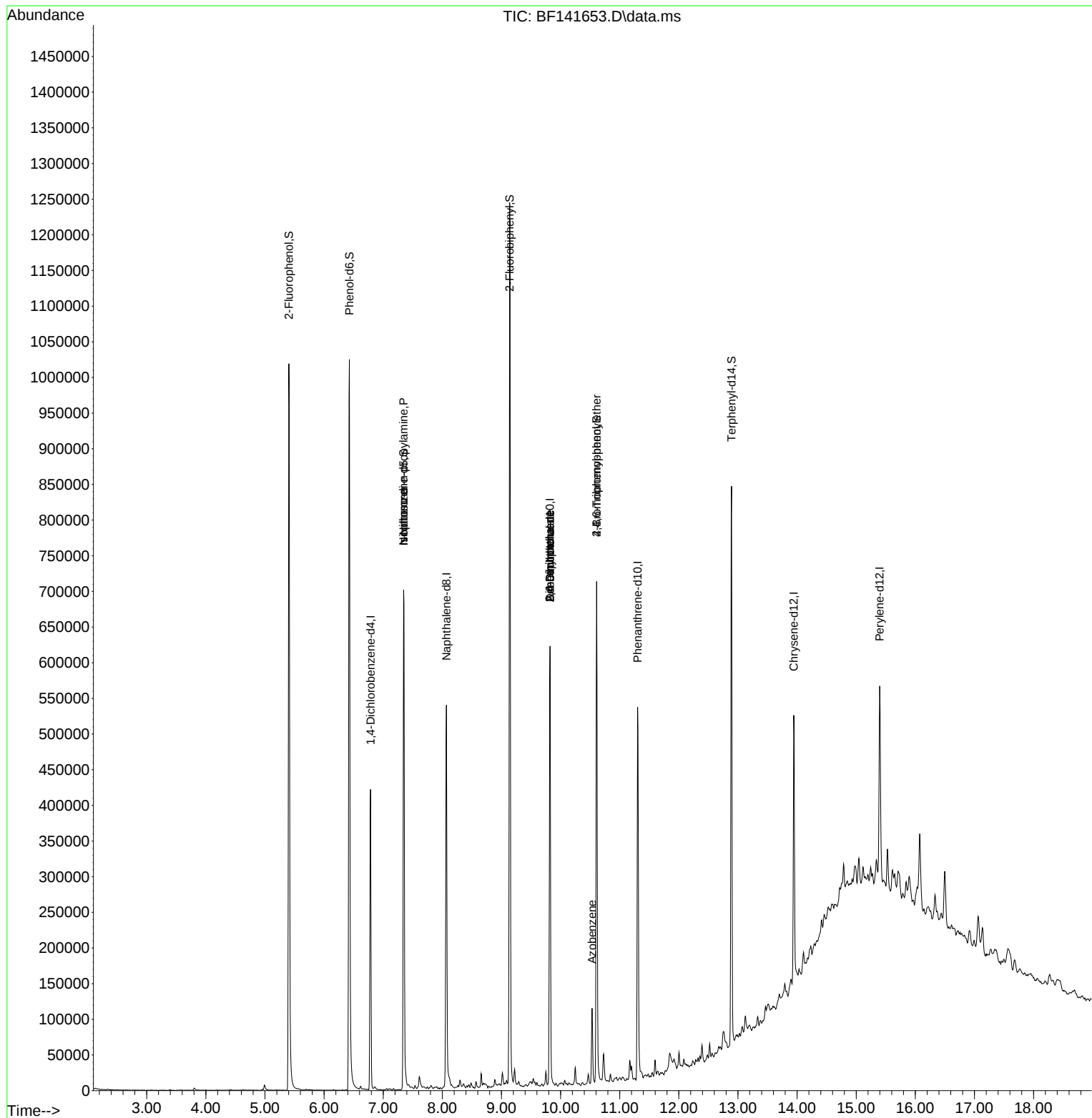
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	88657	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	363046	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	191361	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	281976	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	185961	20.000	ng	-0.02
86) Perylene-d12	15.398	264	156812	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	409771	72.461	ng	0.00
7) Phenol-d6	6.428	99	503187	70.400	ng	-0.01
23) Nitrobenzene-d5	7.345	82	327120	46.997	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	115944	60.315	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	554867	44.672	ng	-0.01
79) Terphenyl-d14	12.892	244	387597	35.186	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	43575	10.192	ng	# 74
25) Isophorone	7.345	82	317411	28.600	ng	# 66
50) Dimethylphthalate	9.822	163	28867	2.222	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	24216	8.527	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	24216	6.405	ng	# 19
63) Azobenzene	10.533	77	26777	2.107	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	8073	2.562	ng	# 1

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

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QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

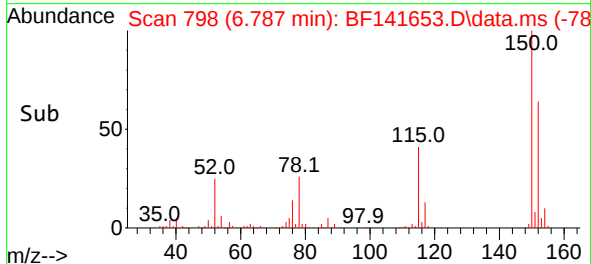
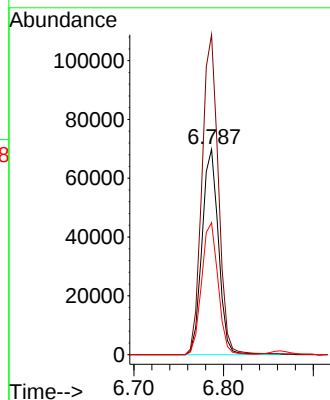
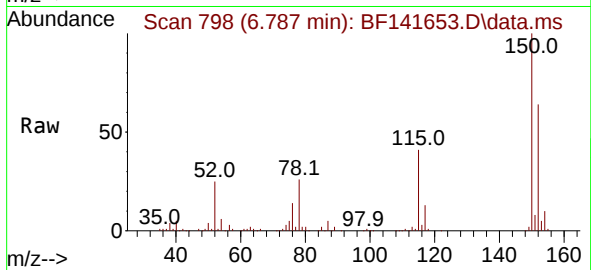




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141653.D
 Acq: 14 Feb 2025 21:19

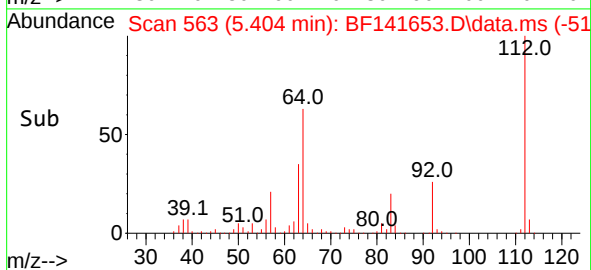
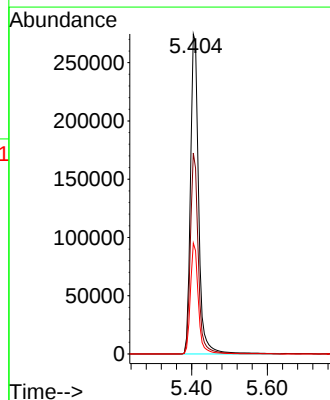
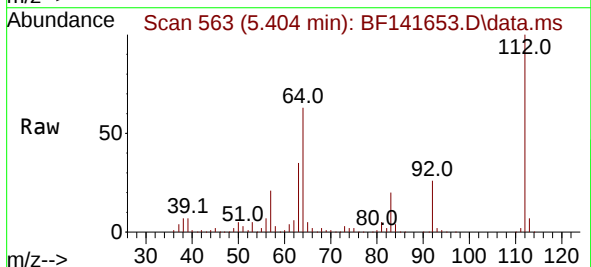
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-2132025

Tgt Ion:152 Resp: 88657
 Ion Ratio Lower Upper
 152 100
 150 155.8 125.0 187.4
 115 64.3 53.6 80.4



#5
 2-Fluorophenol
 Concen: 72.461 ng
 RT: 5.404 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: BF141653.D
 Acq: 14 Feb 2025 21:19

Tgt Ion:112 Resp: 409771
 Ion Ratio Lower Upper
 112 100
 64 62.8 51.1 76.7
 63 34.6 28.4 42.6

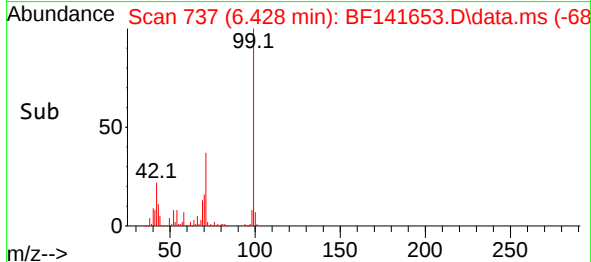
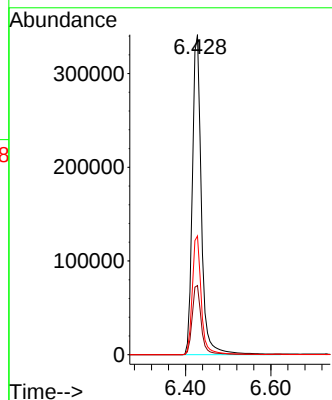
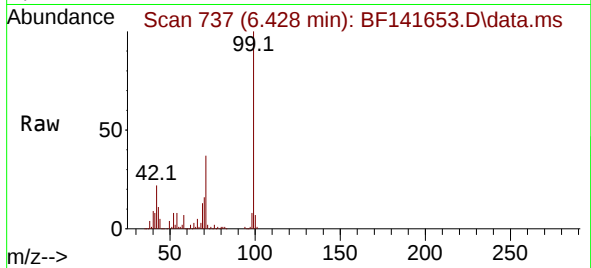




#7
Phenol-d6
Concen: 70.400 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141653.D
Acq: 14 Feb 2025 21:19

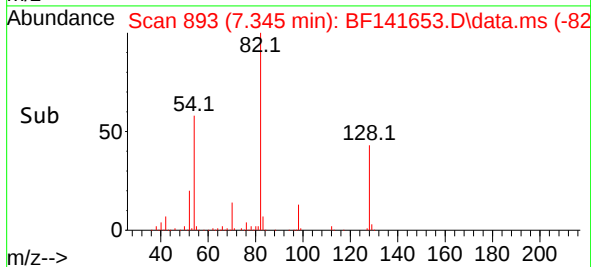
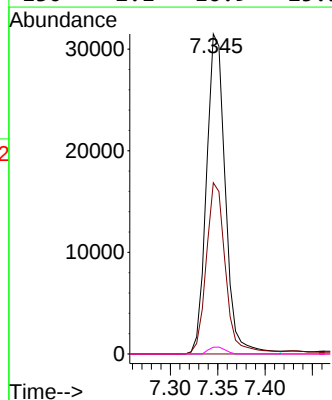
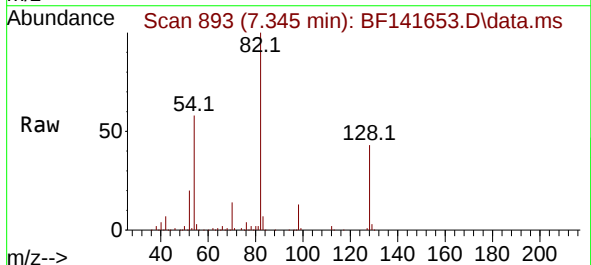
Instrument :
BNA_F
ClientSampleId :
HD-01-2132025

Tgt Ion: 99 Resp: 503187
Ion Ratio Lower Upper
99 100
42 21.6 19.1 28.7
71 37.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.192 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF141653.D
Acq: 14 Feb 2025 21:19

Tgt Ion: 70 Resp: 43575
Ion Ratio Lower Upper
70 100
42 53.5 57.4 86.2#
101 0.0 8.0 12.0#
130 2.1 16.9 25.3#

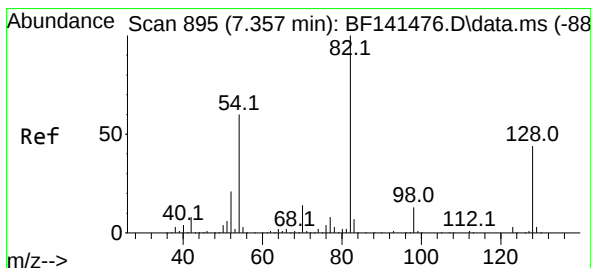
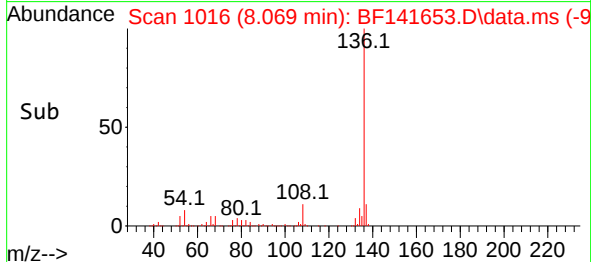
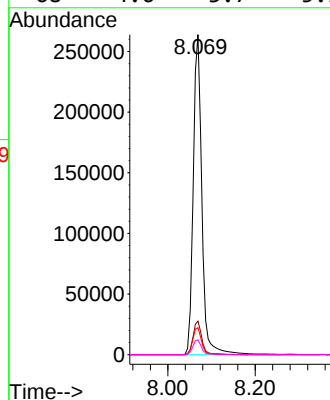
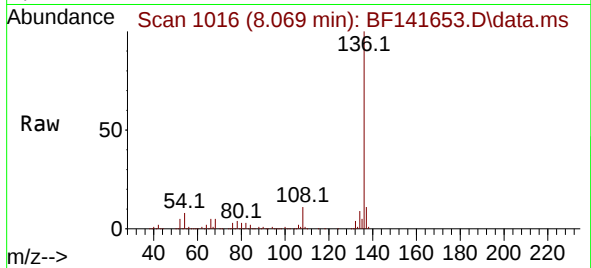




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141653.D
Acq: 14 Feb 2025 21:19

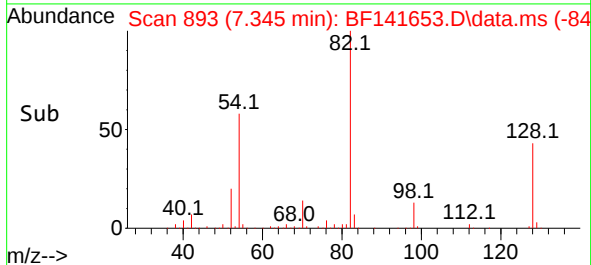
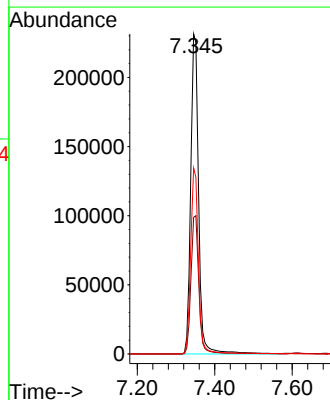
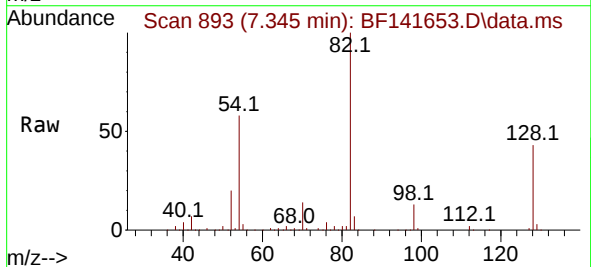
Instrument :
BNA_F
ClientSampleId :
HD-01-2132025

Tgt Ion:136	Resp: 363046
Ion Ratio	Lower Upper
136 100	
137 10.5	8.6 13.0
54 8.4	7.2 10.8
68 4.6	3.7 5.5



#23
Nitrobenzene-d5
Concen: 46.997 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF141653.D
Acq: 14 Feb 2025 21:19

Tgt Ion: 82	Resp: 327120
Ion Ratio	Lower Upper
82 100	
128 42.7	34.8 52.2
54 58.1	48.2 72.4

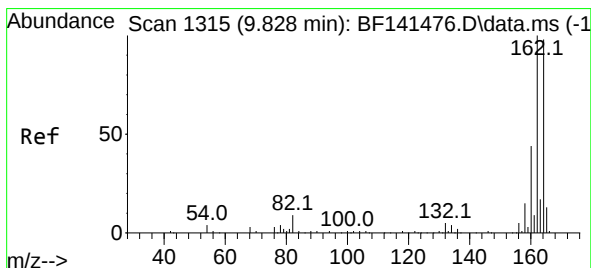
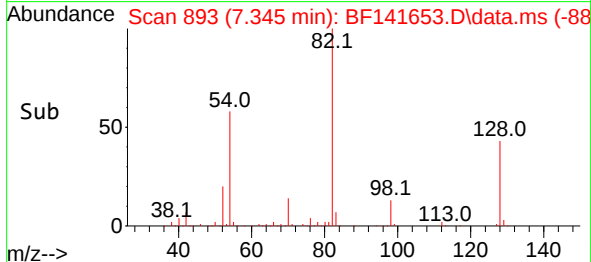
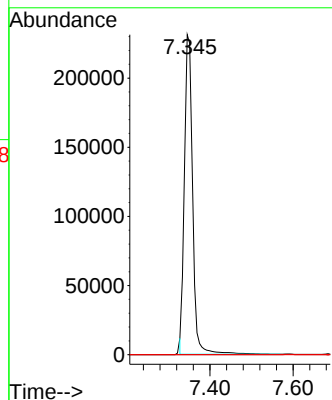
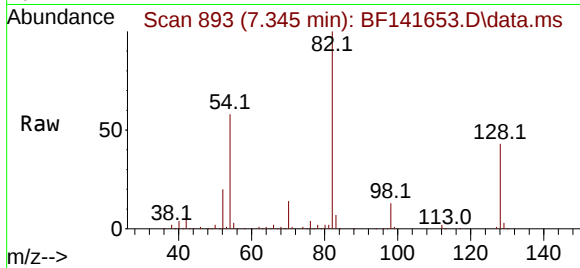




#25
Isophorone
Concen: 28.600 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF141653.D
Acq: 14 Feb 2025 21:19

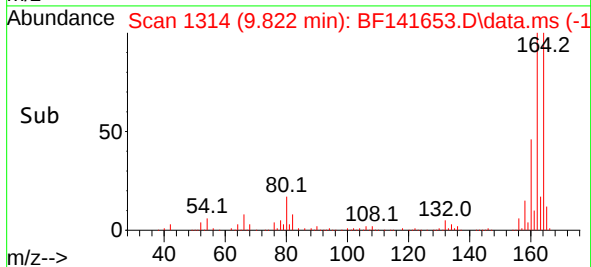
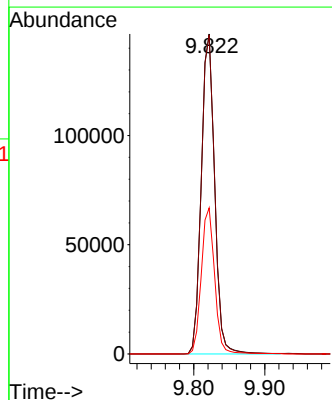
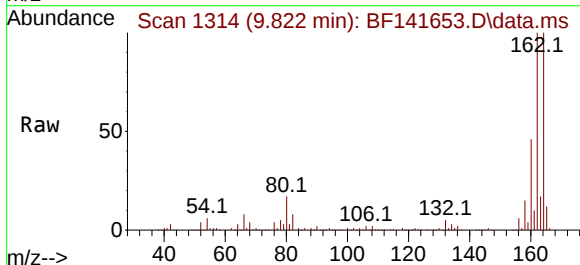
Instrument :
BNA_F
ClientSampleId :
HD-01-2132025

Tgt Ion: 82 Resp: 317411
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: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141653.D
Acq: 14 Feb 2025 21:19

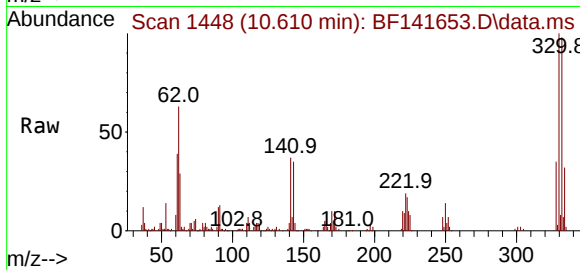
Tgt Ion: 164 Resp: 191361
Ion Ratio Lower Upper
164 100
162 99.7 81.3 121.9
160 45.6 35.9 53.9



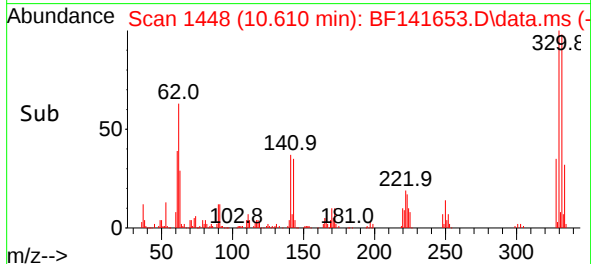
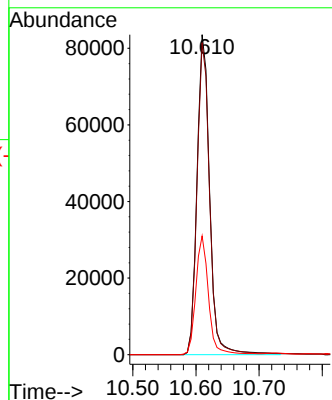


#42
 2,4,6-Tribromophenol
 Concen: 60.315 ng
 RT: 10.610 min Scan# 1448
 Delta R.T. -0.018 min
 Lab File: BF141653.D
 Acq: 14 Feb 2025 21:19

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-2132025

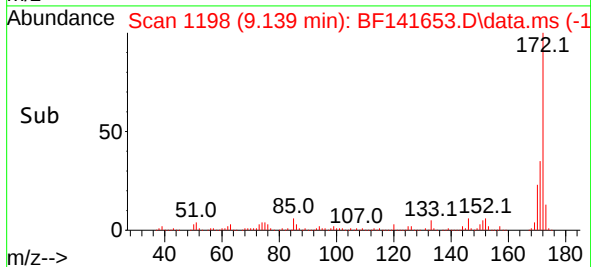
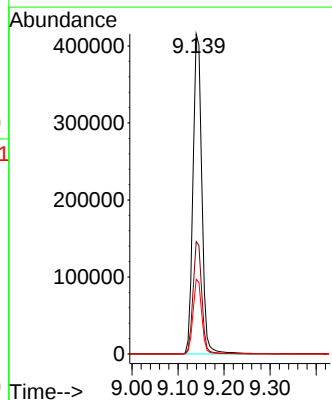
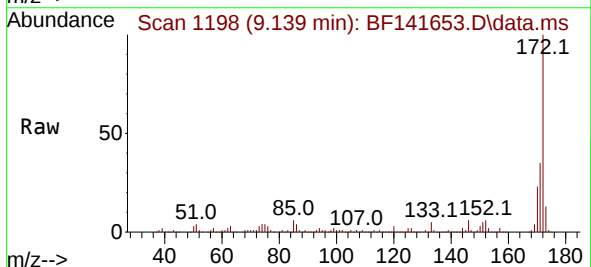


Tgt Ion:330 Resp: 115944
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.5 117.7
 141 37.4 31.0 46.4



#45
 2-Fluorobiphenyl
 Concen: 44.672 ng
 RT: 9.139 min Scan# 1198
 Delta R.T. -0.012 min
 Lab File: BF141653.D
 Acq: 14 Feb 2025 21:19

Tgt Ion:172 Resp: 554867
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.7 43.1
 170 23.3 18.9 28.3

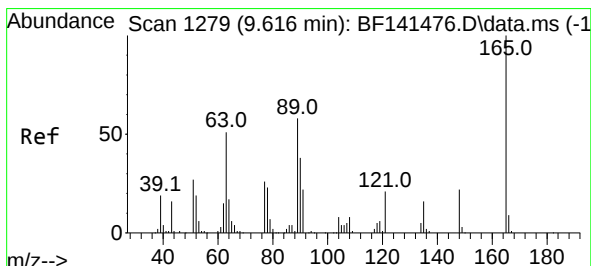
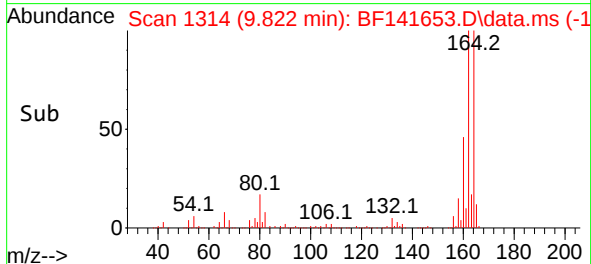
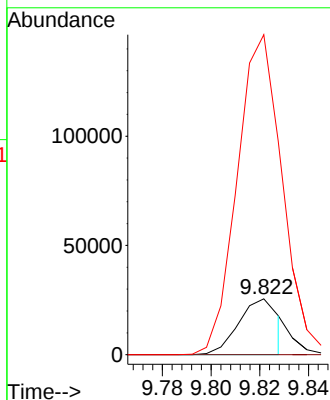
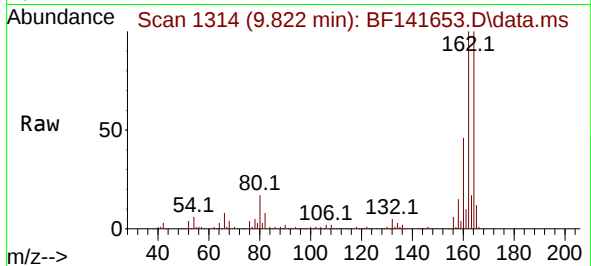




#50
Dimethylphthalate
Concen: 2.222 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF141653.D
Acq: 14 Feb 2025 21:19

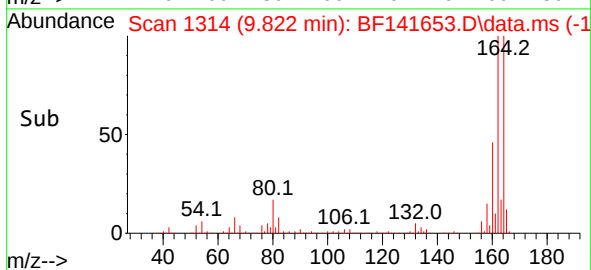
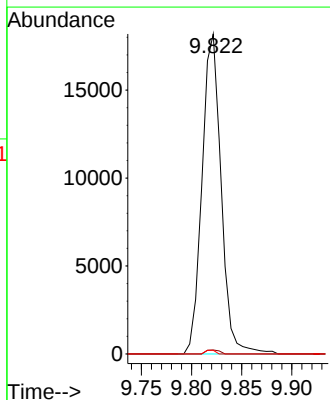
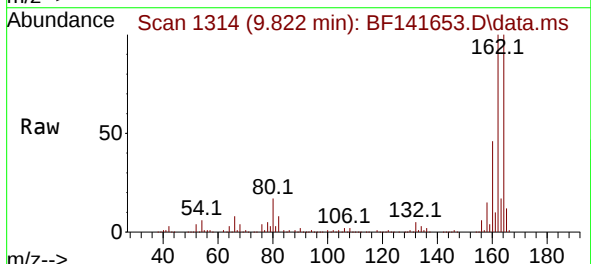
Instrument :
BNA_F
ClientSampleId :
HD-01-2132025

Tgt Ion:163 Resp: 28867
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 573.0 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.527 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF141653.D
Acq: 14 Feb 2025 21:19

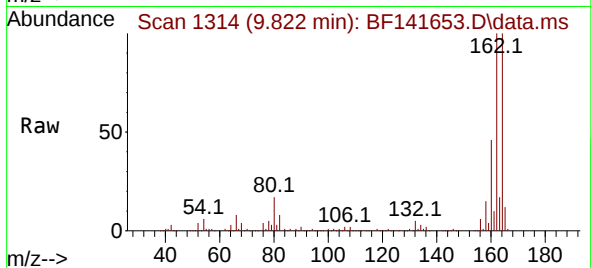
Tgt Ion:165 Resp: 24216
Ion Ratio Lower Upper
165 100
63 1.3 49.4 74.0#
89 1.2 46.5 69.7#



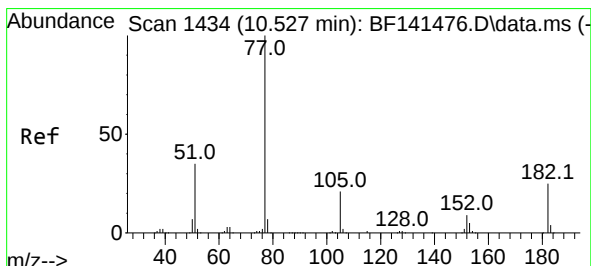
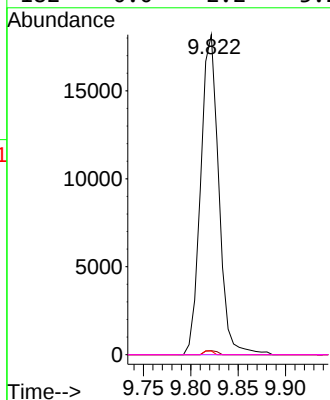
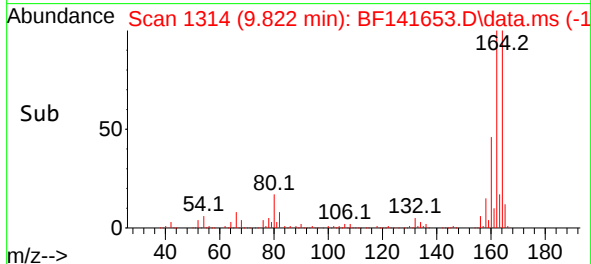


#57
2,4-Dinitrotoluene
Concen: 6.405 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141653.D
Acq: 14 Feb 2025 21:19

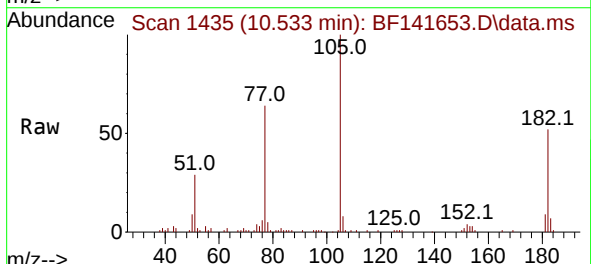
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BNA_F
ClientSampleId :
HD-01-2132025



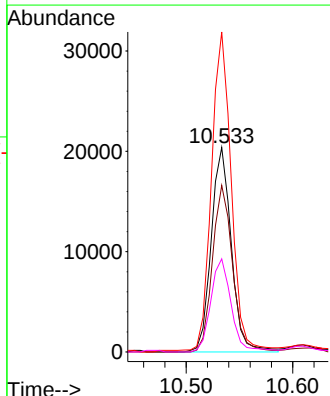
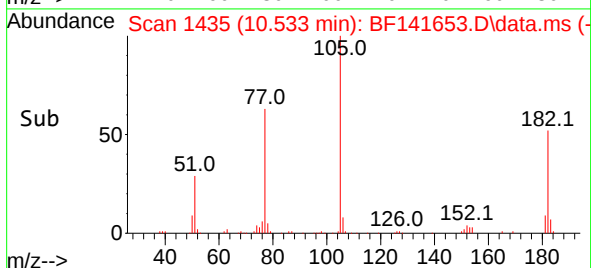
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Ion Ratio Lower Upper
165 100
63 1.3 46.4 69.6#
89 1.2 61.8 92.6#
182 0.0 2.2 3.2#

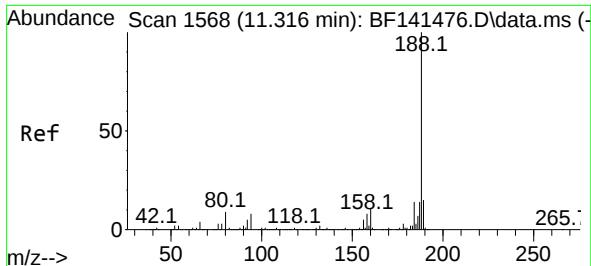


#63
Azobenzene
Concen: 2.107 ng
RT: 10.533 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF141653.D
Acq: 14 Feb 2025 21:19



Tgt Ion: 77 Resp: 26777
Ion Ratio Lower Upper
77 100
182 81.4 4.7 44.7#
105 156.5 0.4 40.4#
51 45.5 16.5 56.5

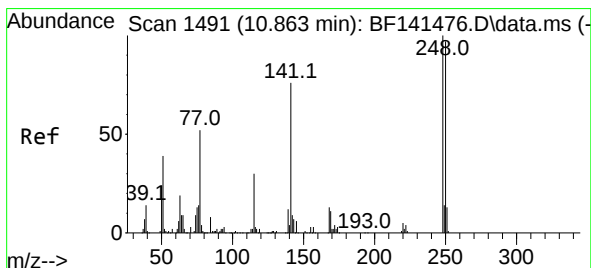
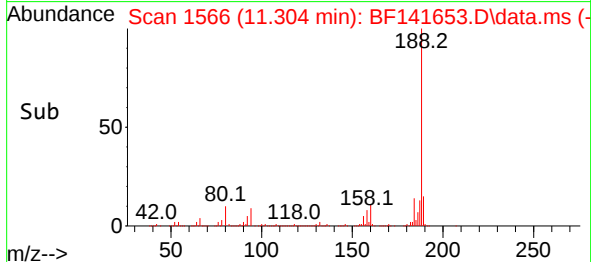
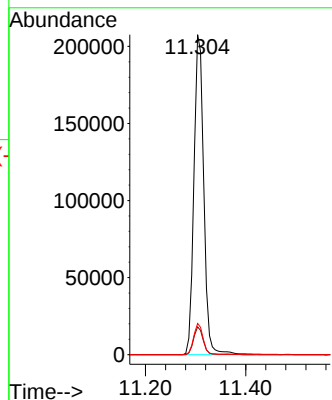
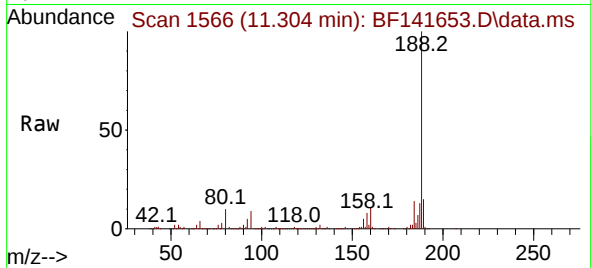




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141653.D
Acq: 14 Feb 2025 21:19

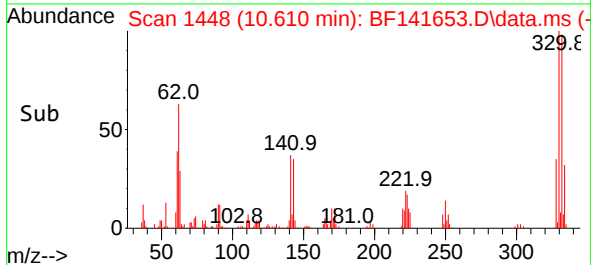
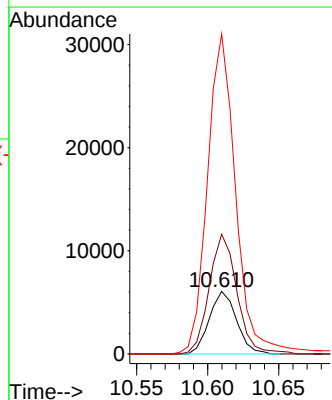
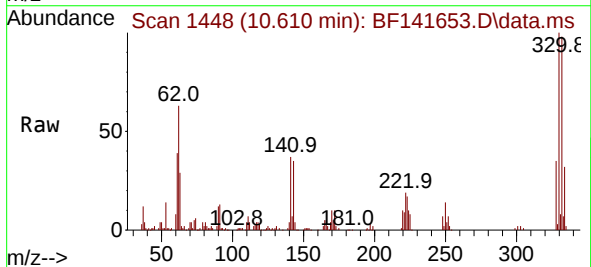
Instrument :
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HD-01-2132025

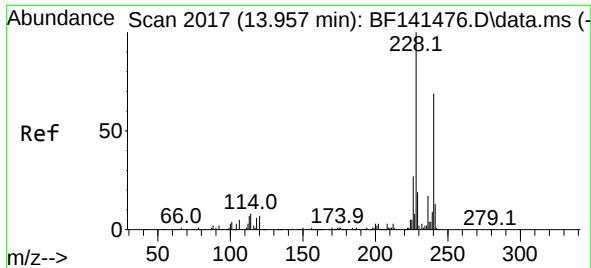
Tgt Ion:188 Resp: 281976
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.7 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 2.562 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.253 min
Lab File: BF141653.D
Acq: 14 Feb 2025 21:19

Tgt Ion:248 Resp: 8073
Ion Ratio Lower Upper
248 100
250 191.3 77.8 116.6#
141 511.8 60.6 90.8#

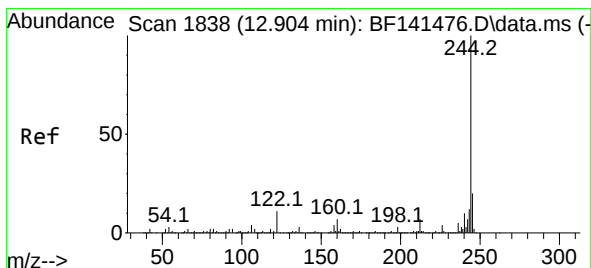
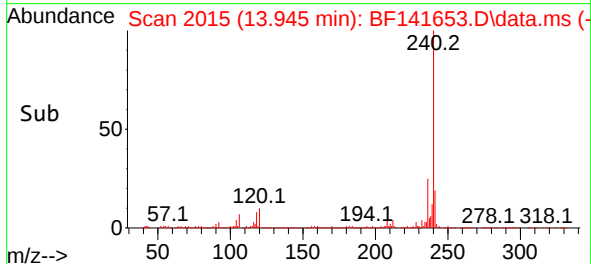
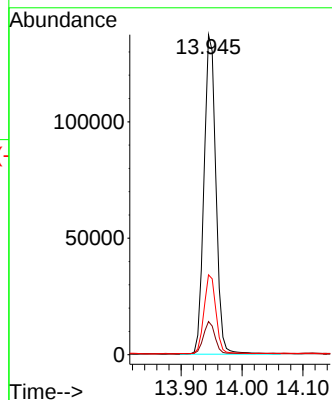
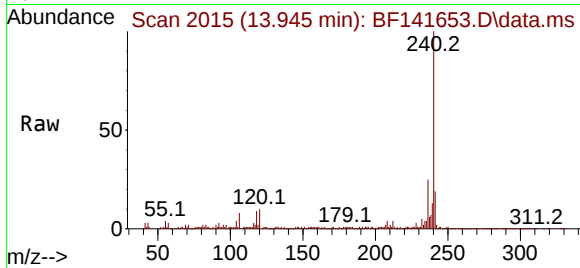




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141653.D
Acq: 14 Feb 2025 21:19

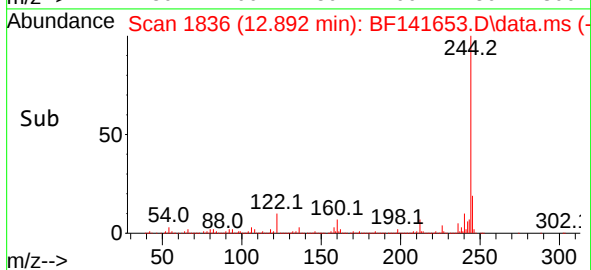
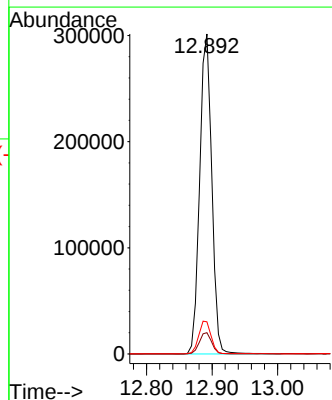
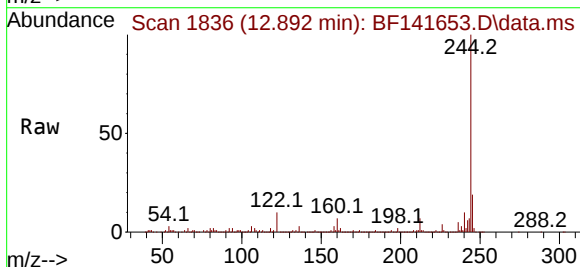
Instrument :
BNA_F
ClientSampleId :
HD-01-2132025

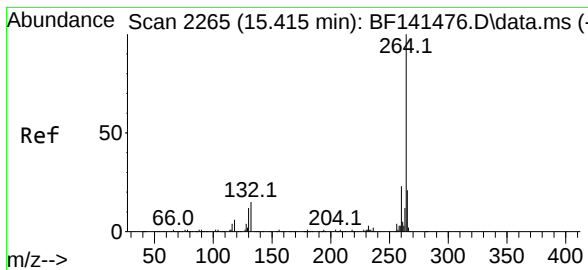
Tgt Ion:240 Resp: 185961
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 25.0 19.8 29.8



#79
Terphenyl-d14
Concen: 35.186 ng
RT: 12.892 min Scan# 1836
Delta R.T. -0.012 min
Lab File: BF141653.D
Acq: 14 Feb 2025 21:19

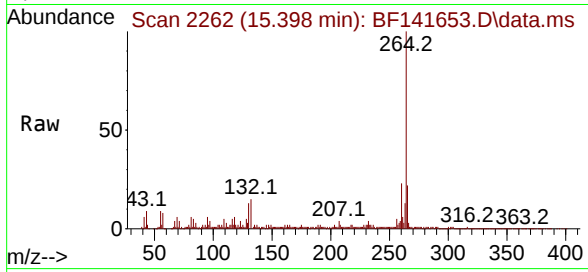
Tgt Ion:244 Resp: 387597
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.1 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141653.D
Acq: 14 Feb 2025 21:19

Instrument :
BNA_F
ClientSampleId :
HD-01-2132025



Tgt Ion:264 Resp: 156812

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.7	17.0	25.4

