

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
 Data File : BF144115.D
 Acq On : 28 Oct 2025 22:11
 Operator : RC/JU
 Sample : Q3395-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR132-COMP03-2025-20251017

Quant Time: Oct 29 05:47:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

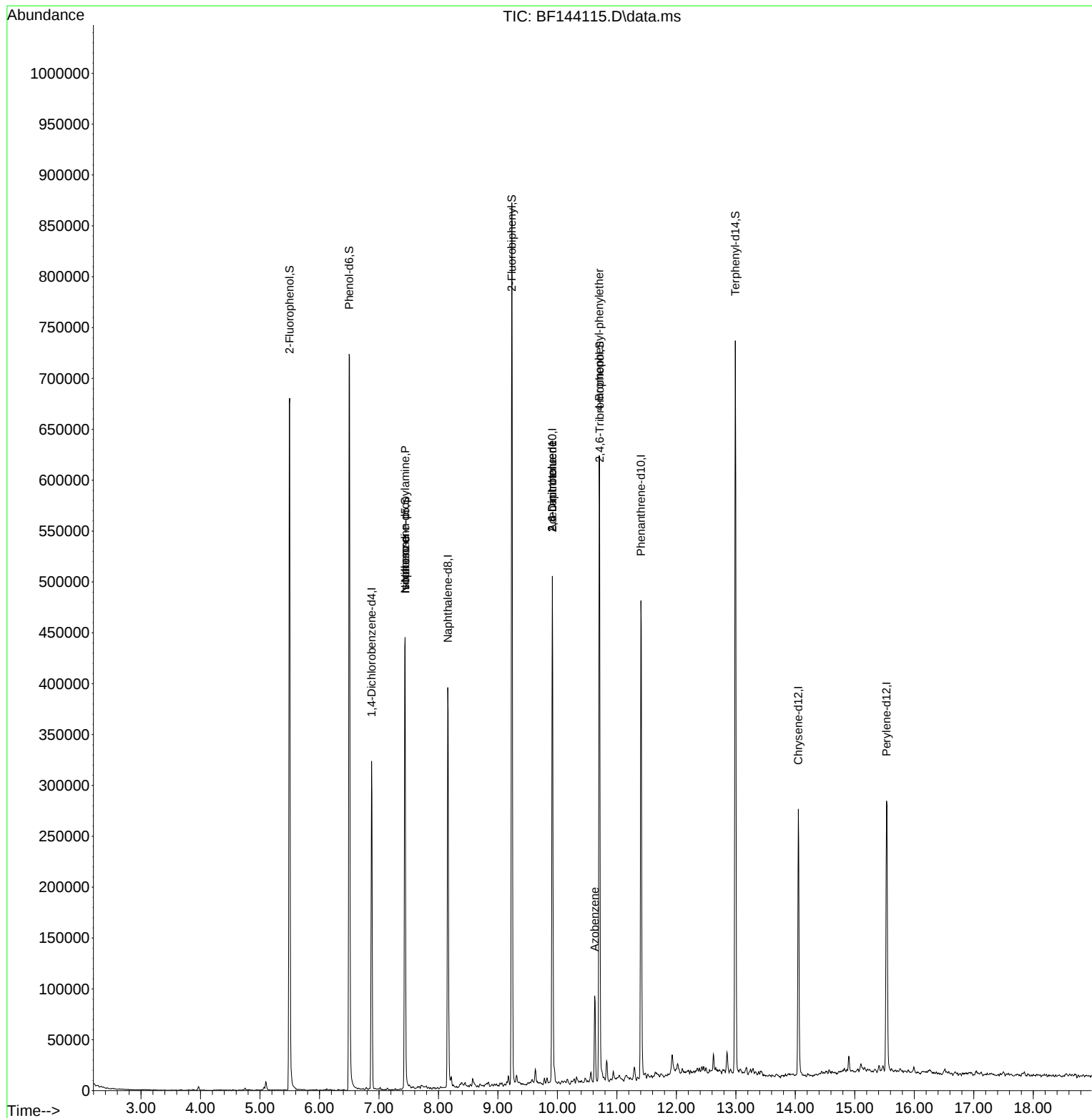
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	67031	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	262787	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	151809	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	259227	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	133345	20.000	ng	0.00
86) Perylene-d12	15.533	264	181271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	269156	63.528	ng	0.00
7) Phenol-d6	6.498	99	319902	68.368	ng	0.00
23) Nitrobenzene-d5	7.439	82	193666	40.376	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	127203	65.780	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	393908	36.514	ng	0.00
79) Terphenyl-d14	12.992	244	371957	48.765	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	29180	9.644	ng	# 70
25) Isophorone	7.439	82	193664	23.094	ng	# 66
51) 2,6-Dinitrotoluene	9.916	165	19921	10.127	ng	# 23
57) 2,4-Dinitrotoluene	9.916	165	19921	7.503	ng	# 26
63) Azobenzene	10.628	77	21965	2.480	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	6876	2.119	ng	# 1

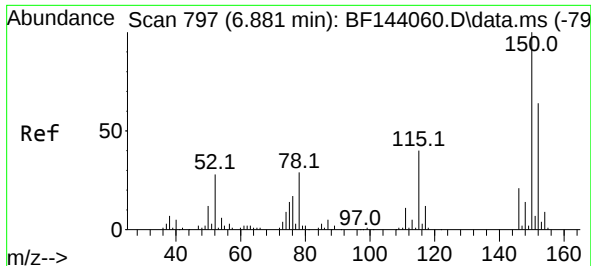
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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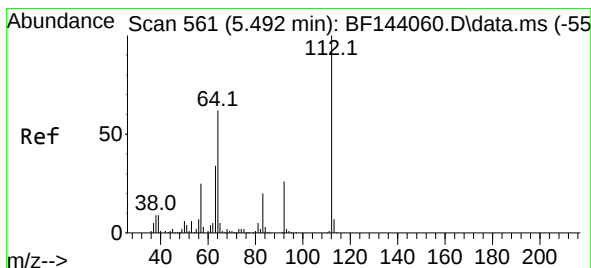
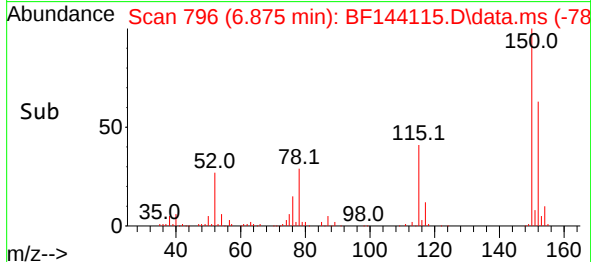
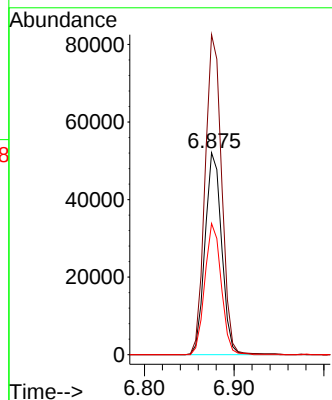
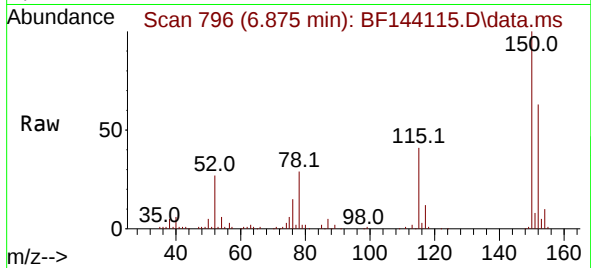




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF144115.D
 Acq: 28 Oct 2025 22:11

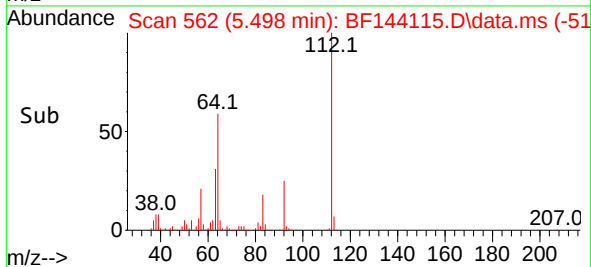
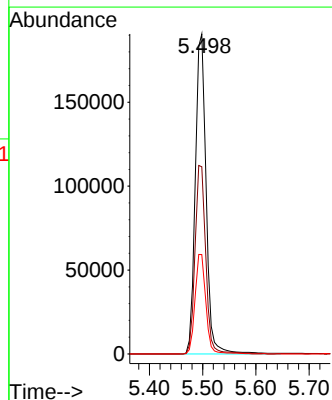
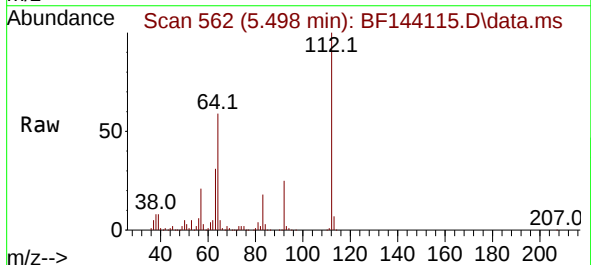
Instrument :
 BNA_F
 ClientSampleId :
 PR132-COMP03-2025-20251017

Tgt Ion:152 Resp: 67031
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.4 186.6
 115 65.0 49.4 74.0



#5
 2-Fluorophenol
 Concen: 63.528 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF144115.D
 Acq: 28 Oct 2025 22:11

Tgt Ion:112 Resp: 269156
 Ion Ratio Lower Upper
 112 100
 64 58.5 49.8 74.8
 63 31.0 27.4 41.2

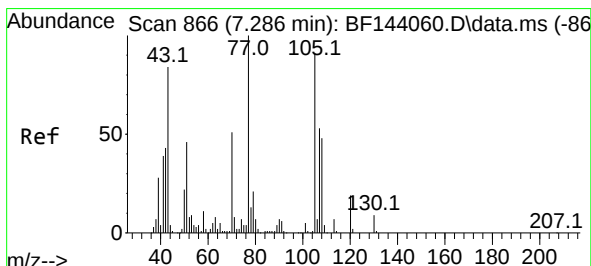
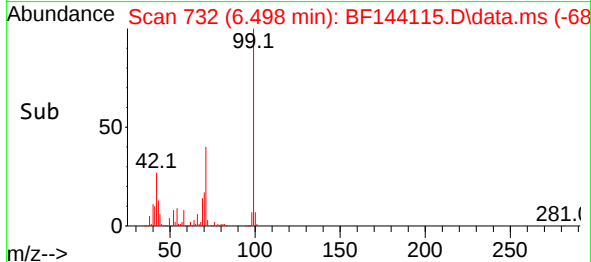
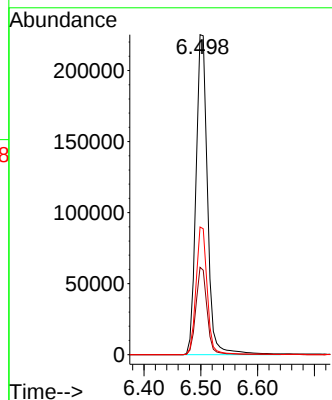
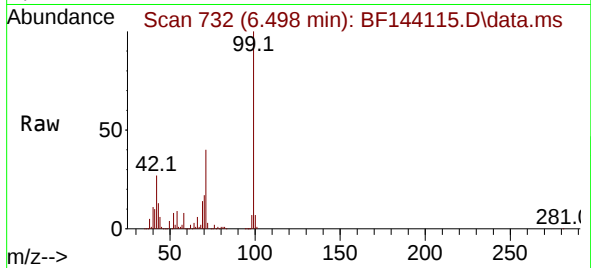




#7
Phenol-d6
Concen: 68.368 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144115.D
Acq: 28 Oct 2025 22:11

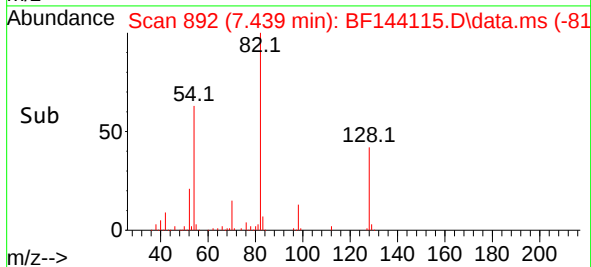
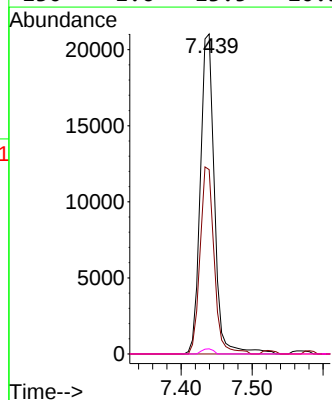
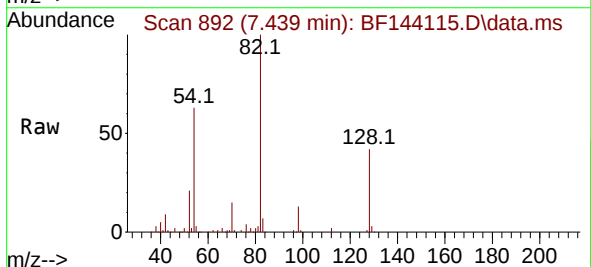
Instrument :
BNA_F
ClientSampleId :
PR132-COMP03-2025-20251017

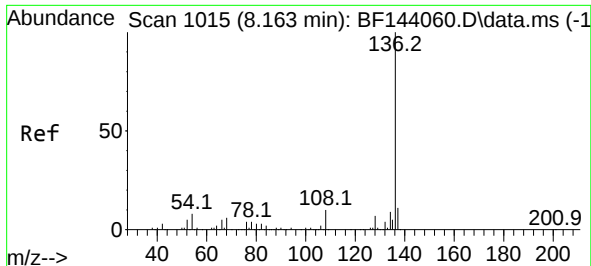
Tgt Ion: 99 Resp: 319902
Ion Ratio Lower Upper
99 100
42 27.3 23.9 35.9
71 39.9 34.4 51.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.644 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.153 min
Lab File: BF144115.D
Acq: 28 Oct 2025 22:11

Tgt Ion: 70 Resp: 29180
Ion Ratio Lower Upper
70 100
42 57.6 67.4 101.0#
101 0.0 7.1 10.7#
130 1.6 13.5 20.3#



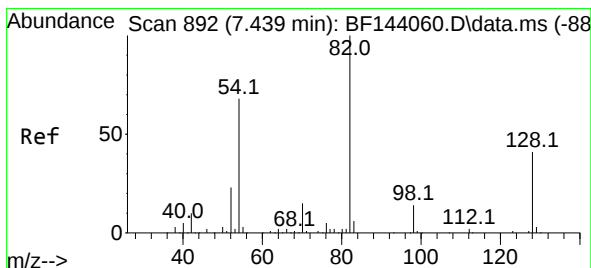
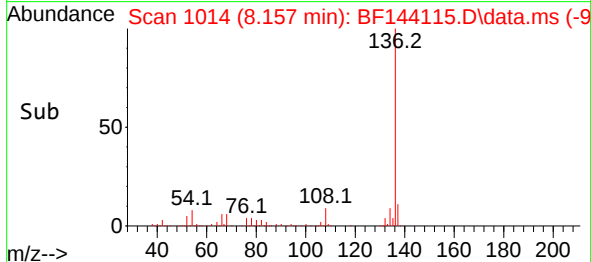
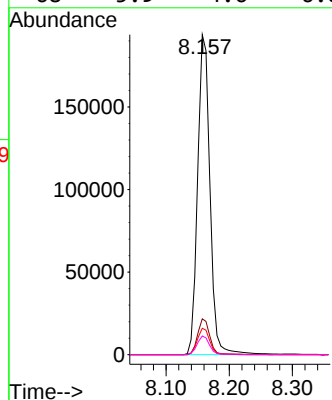
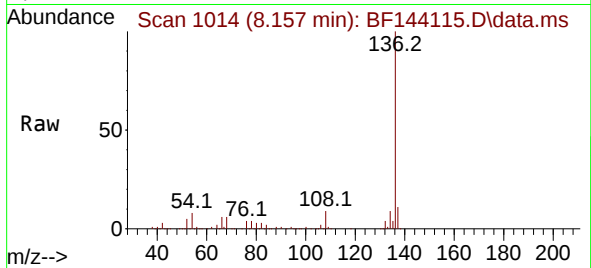


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144115.D
Acq: 28 Oct 2025 22:11

Instrument :
BNA_F
ClientSampleId :
PR132-COMP03-2025-20251017

Tgt Ion:136 Resp: 262787

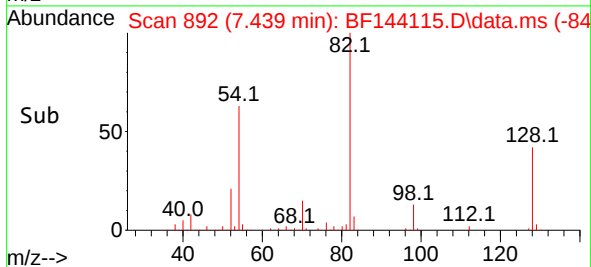
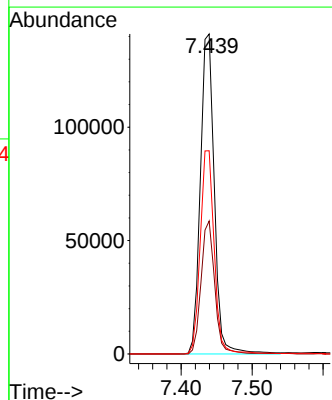
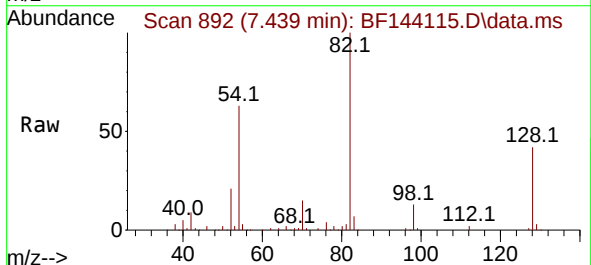
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.2	6.6	9.8
68	5.9	4.6	6.8

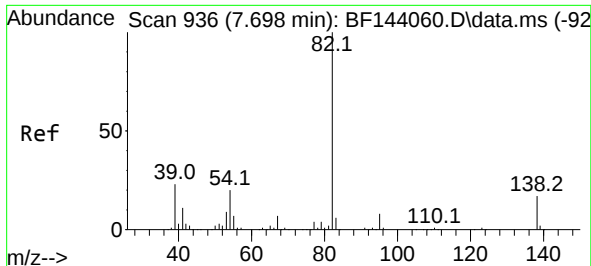


#23
Nitrobenzene-d5
Concen: 40.376 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144115.D
Acq: 28 Oct 2025 22:11

Tgt Ion: 82 Resp: 193666

Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.4	48.6
54	63.5	54.0	81.0

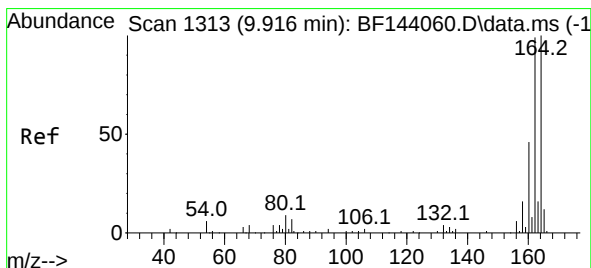
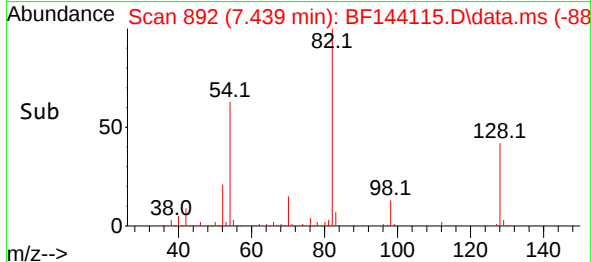
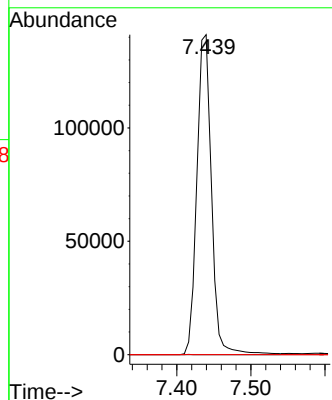
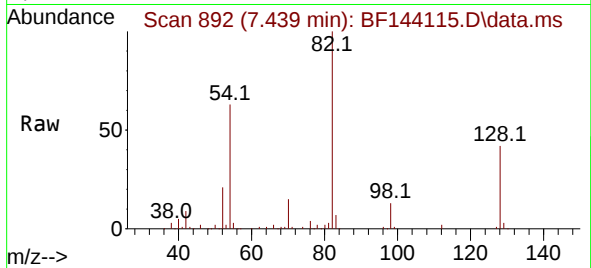




#25
Isophorone
Concen: 23.094 ng
RT: 7.439 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF144115.D
Acq: 28 Oct 2025 22:11

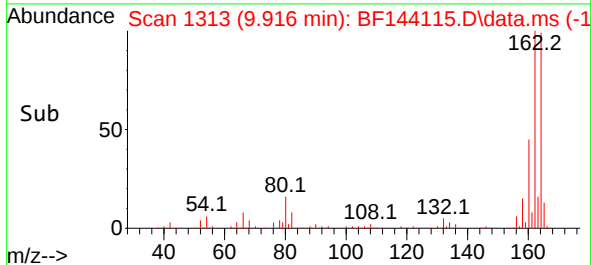
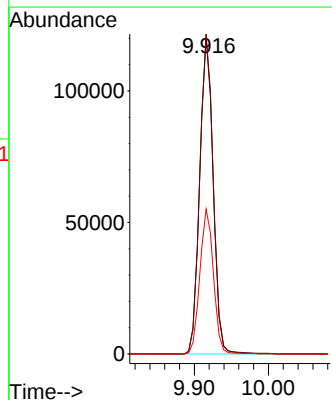
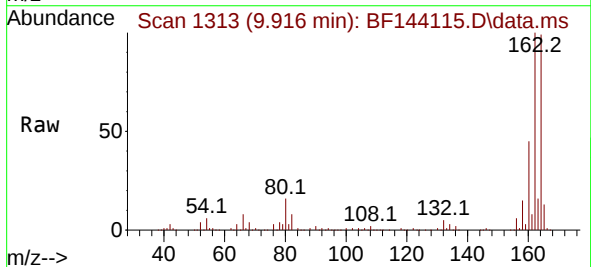
Instrument :
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ClientSampleId :
PR132-COMP03-2025-20251017

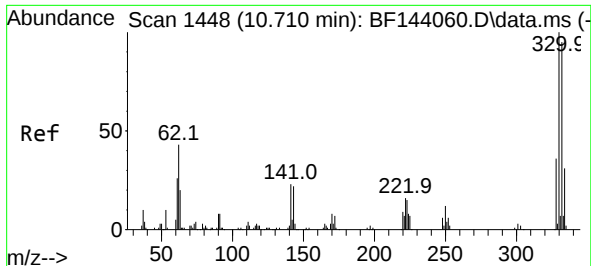
Tgt Ion: 82 Resp: 193664
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144115.D
Acq: 28 Oct 2025 22:11

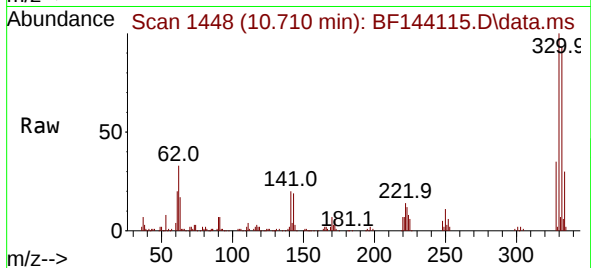
Tgt Ion:164 Resp: 151809
Ion Ratio Lower Upper
164 100
162 101.1 79.4 119.2
160 45.7 36.7 55.1



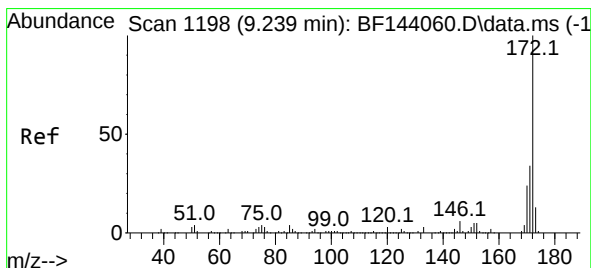
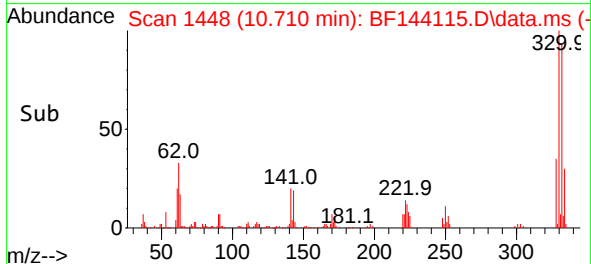
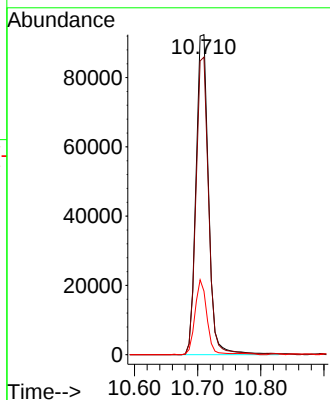


#42
2,4,6-Tribromophenol
Concen: 65.780 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144115.D
Acq: 28 Oct 2025 22:11

Instrument :
BNA_F
ClientSampleId :
PR132-COMP03-2025-20251017

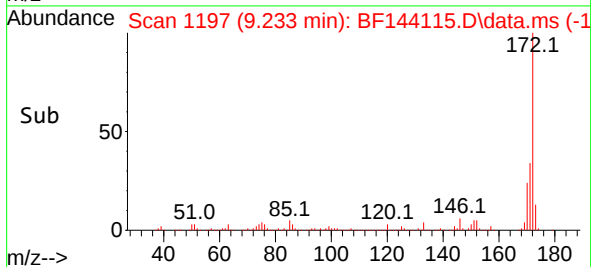
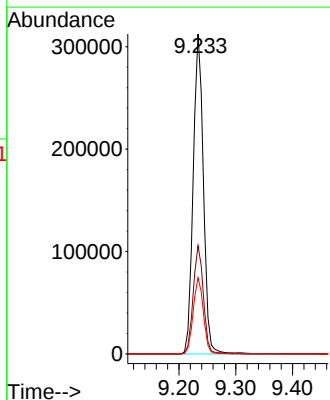
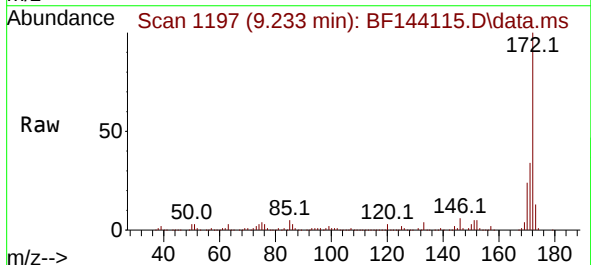


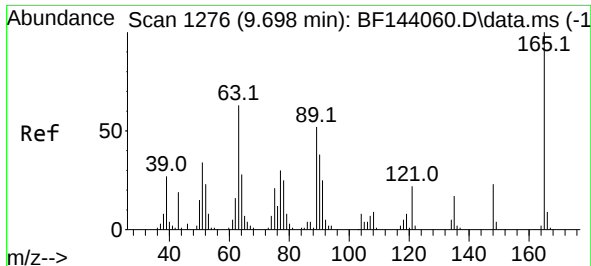
Tgt Ion:330 Resp: 127203
Ion Ratio Lower Upper
330 100
332 93.4 77.0 115.6
141 22.0 19.4 29.0



#45
2-Fluorobiphenyl
Concen: 36.514 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144115.D
Acq: 28 Oct 2025 22:11

Tgt Ion:172 Resp: 393908
Ion Ratio Lower Upper
172 100
171 33.8 27.5 41.3
170 23.8 19.0 28.6

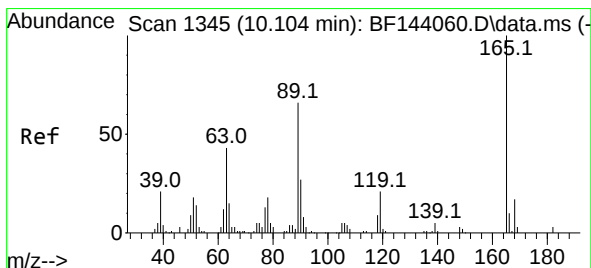
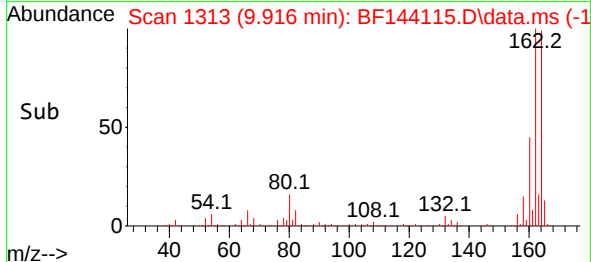
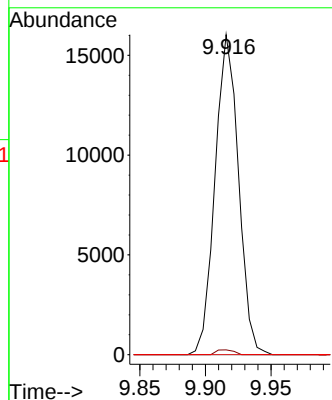
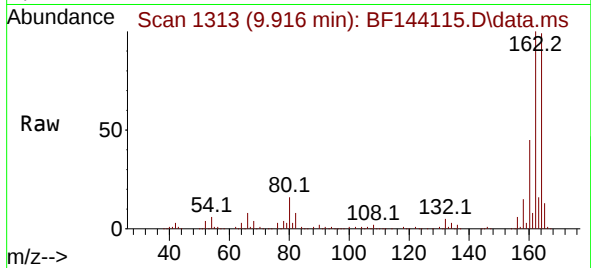




#51
2,6-Dinitrotoluene
Concen: 10.127 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF144115.D
Acq: 28 Oct 2025 22:11

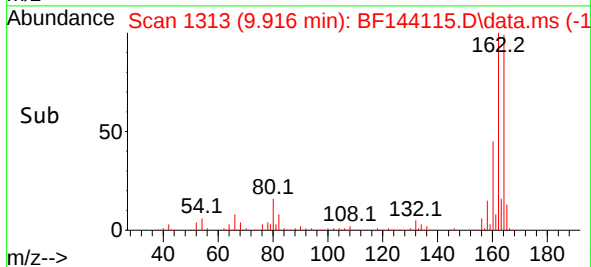
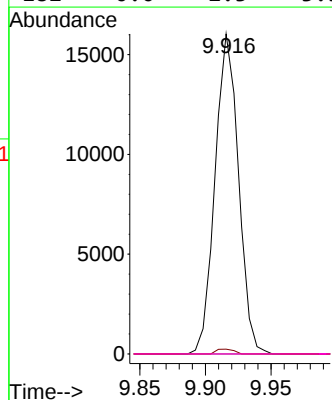
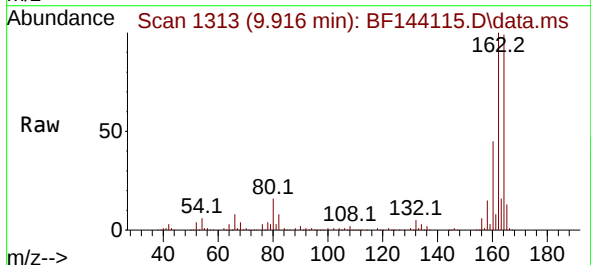
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ClientSampleId :
PR132-COMP03-2025-20251017

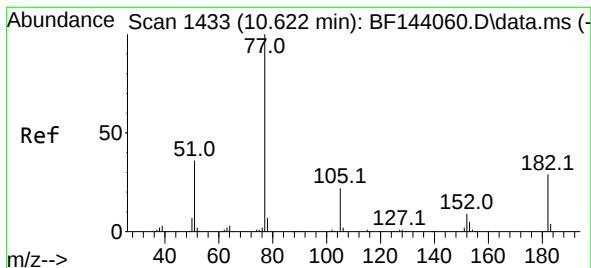
Tgt Ion:165 Resp: 19921
Ion Ratio Lower Upper
165 100
63 1.5 50.4 75.6#
89 0.0 41.4 62.2#



#57
2,4-Dinitrotoluene
Concen: 7.503 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.188 min
Lab File: BF144115.D
Acq: 28 Oct 2025 22:11

Tgt Ion:165 Resp: 19921
Ion Ratio Lower Upper
165 100
63 1.5 35.4 53.2#
89 0.0 52.7 79.1#
182 0.0 2.3 3.5#





#63

Azobenzene

Concen: 2.480 ng

RT: 10.628 min Scan# 1433

Delta R.T. 0.006 min

Lab File: BF144115.D

Acq: 28 Oct 2025 22:11

Instrument :

BNA_F

ClientSampleId :

PR132-COMP03-2025-20251017

Tgt Ion: 77 Resp: 21965

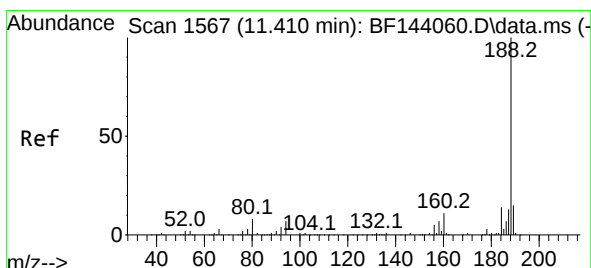
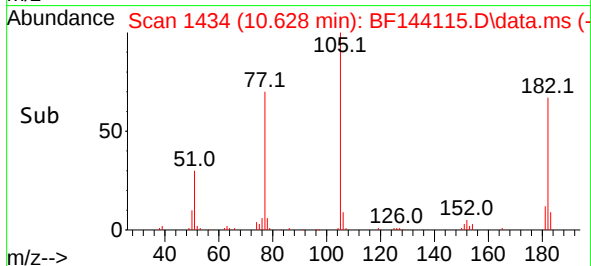
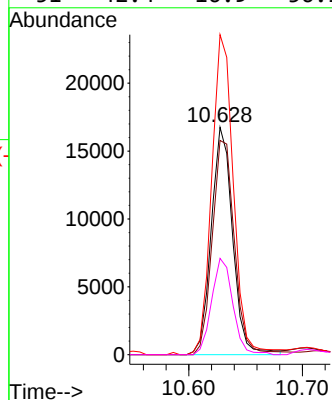
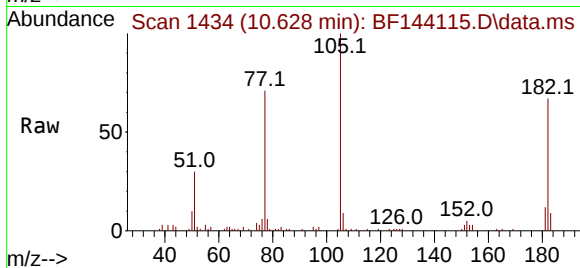
Ion Ratio Lower Upper

77 100

182 94.2 9.0 49.0#

105 140.7 1.4 41.4#

51 42.4 16.9 56.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF144115.D

Acq: 28 Oct 2025 22:11

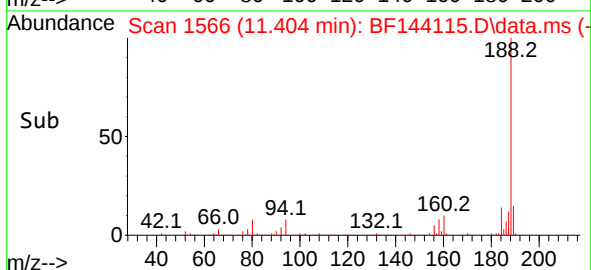
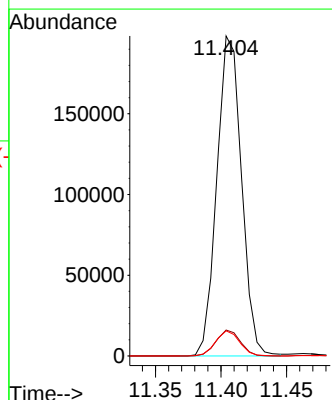
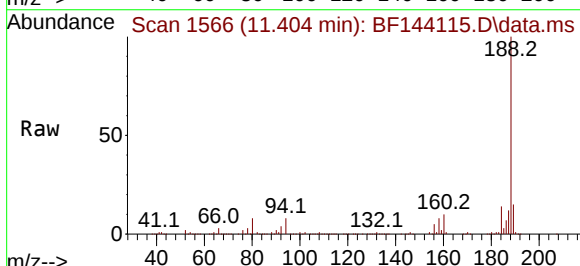
Tgt Ion: 188 Resp: 259227

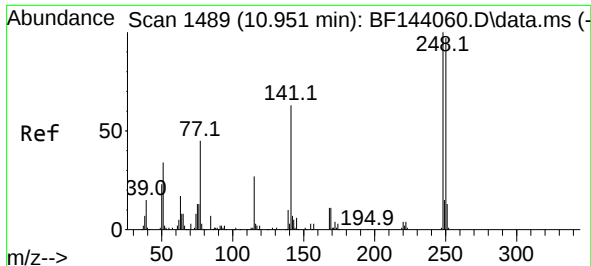
Ion Ratio Lower Upper

188 100

94 8.1 5.4 8.0#

80 7.8 6.0 9.0

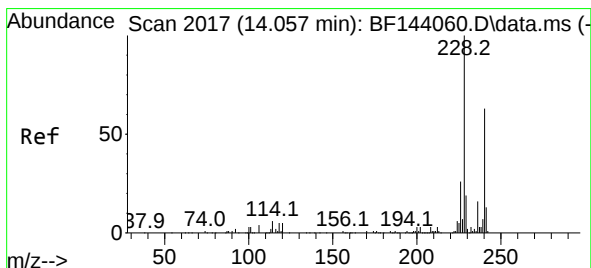
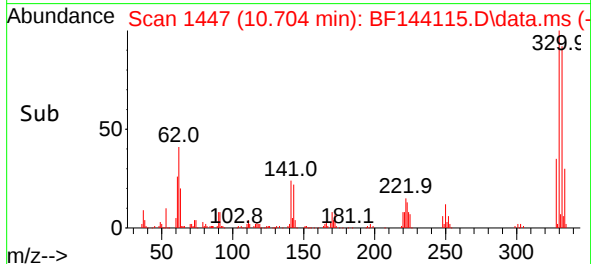
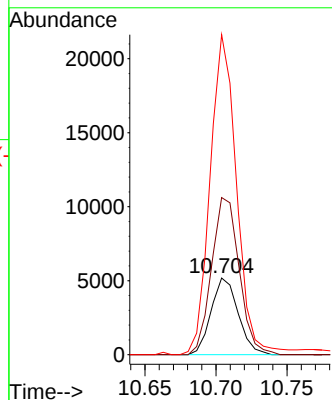
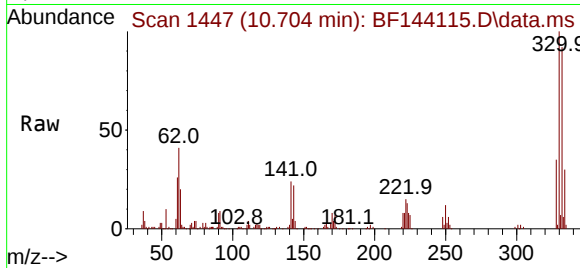




#67
4-Bromophenyl-phenylether
Concen: 2.119 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF144115.D
Acq: 28 Oct 2025 22:11

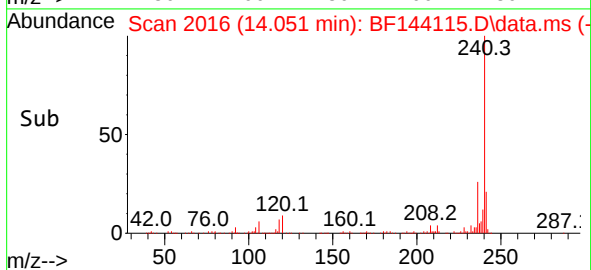
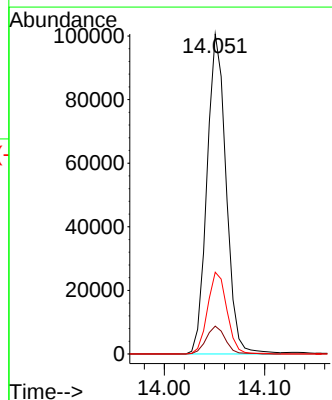
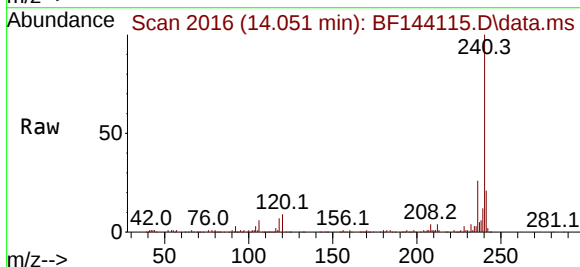
Instrument :
BNA_F
ClientSampleId :
PR132-COMP03-2025-20251017

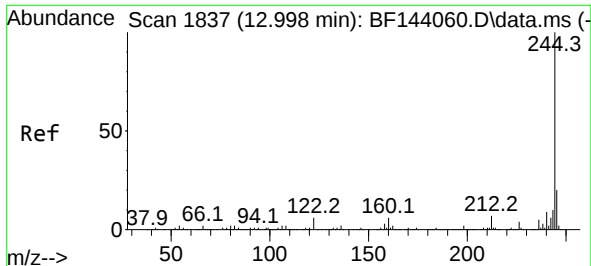
Tgt Ion:248 Resp: 6876
Ion Ratio Lower Upper
248 100
250 204.9 77.8 116.6#
141 417.4 50.5 75.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144115.D
Acq: 28 Oct 2025 22:11

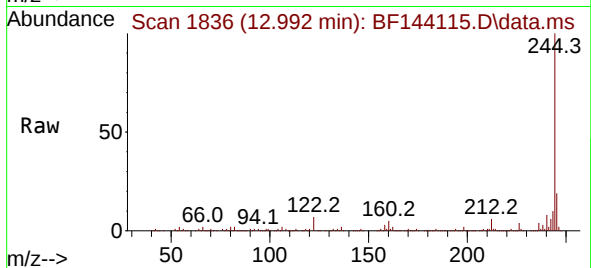
Tgt Ion:240 Resp: 133345
Ion Ratio Lower Upper
240 100
120 8.7 6.5 9.7
236 25.6 20.1 30.1



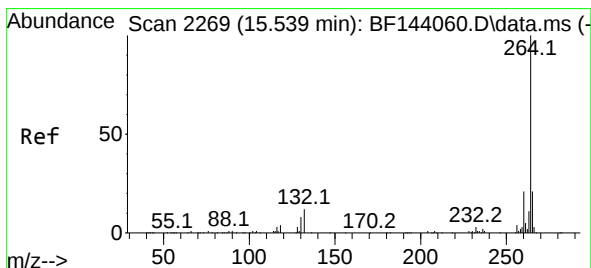
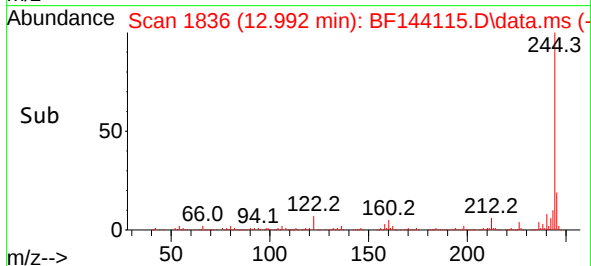
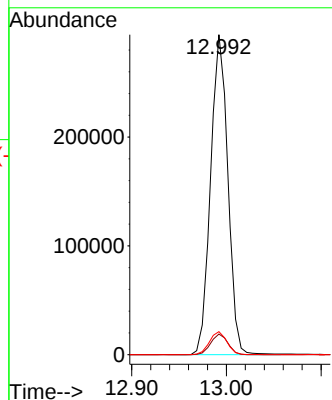


#79
 Terphenyl-d14
 Concen: 48.765 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF144115.D
 Acq: 28 Oct 2025 22:11

Instrument :
 BNA_F
 ClientSampleId :
 PR132-COMP03-2025-20251017



Tgt Ion:244 Resp: 371957
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.6
 122 7.2 4.9 7.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF144115.D
 Acq: 28 Oct 2025 22:11

Tgt Ion:264 Resp: 181271
 Ion Ratio Lower Upper
 264 100
 260 21.3 17.0 25.4
 265 22.1 16.6 24.8

