

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
 Data File : BF141312.D
 Acq On : 30 Jan 2025 14:32
 Operator : RC/JU
 Sample : PB166339BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166339BL

Quant Time: Jan 30 14:56:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

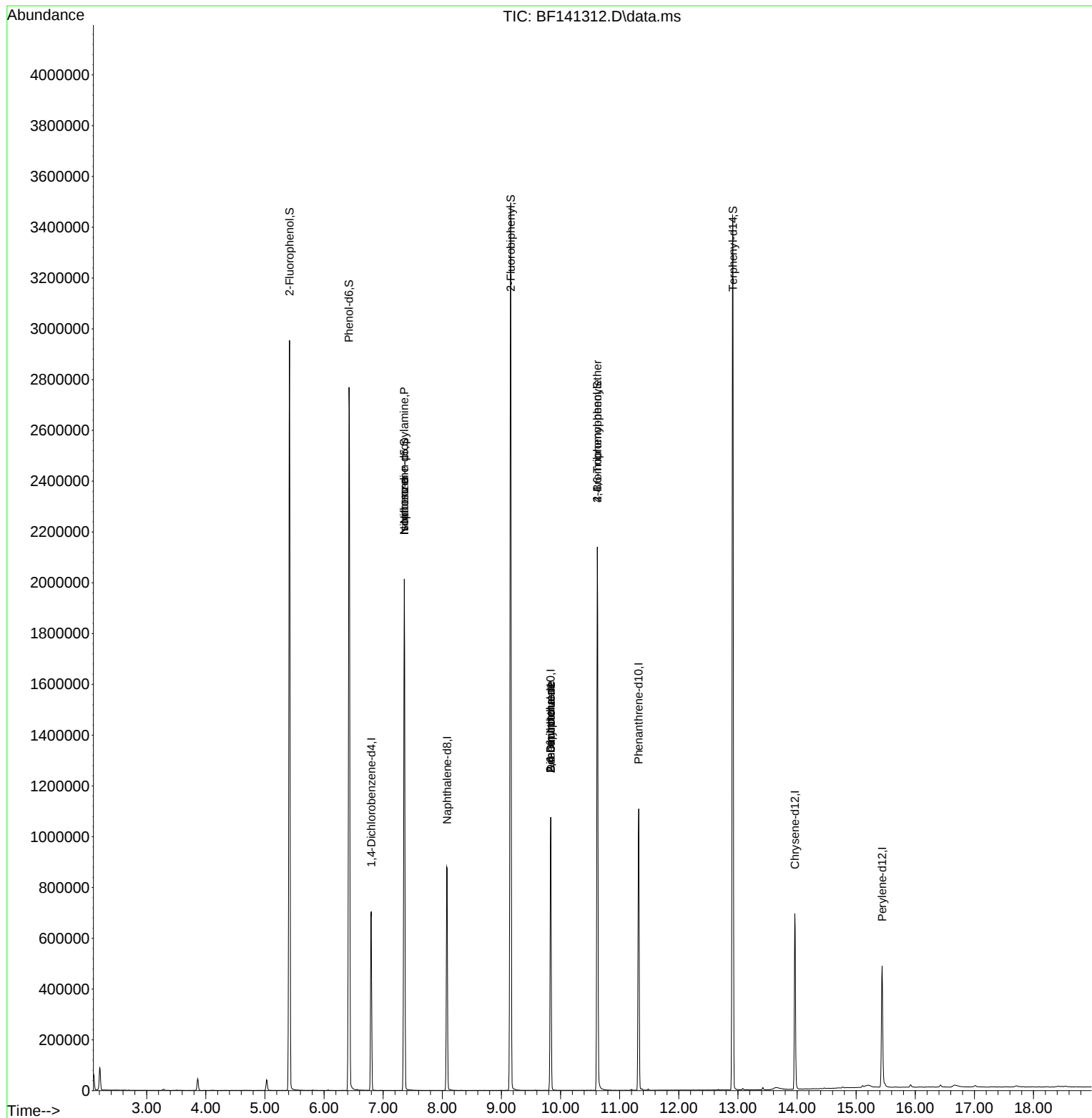
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	146115	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	599878	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	324432	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	552085	20.000	ng	0.00
76) Chrysene-d12	13.963	240	345336	20.000	ng	-0.01
86) Perylene-d12	15.439	264	288136	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1139750	119.751	ng	0.00
7) Phenol-d6	6.422	99	1418217	117.134	ng	-0.02
23) Nitrobenzene-d5	7.357	82	926335	81.405	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	357023	120.036	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1650886	78.322	ng	0.00
79) Terphenyl-d14	12.916	244	1827244	81.600	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	124060	17.244	ng	# 75
25) Isophorone	7.357	82	908607	46.192	ng	# 64
50) Dimethylphthalate	9.834	163	49468	2.258	ng	# 1
51) 2,6-Dinitrotoluene	9.834	165	41953	8.246	ng	# 23
57) 2,4-Dinitrotoluene	9.834	165	41953	6.369	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	24160	3.909	ng	# 1

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

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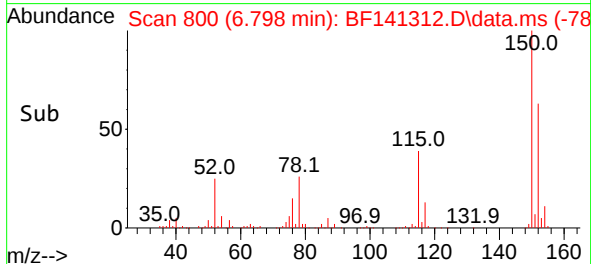
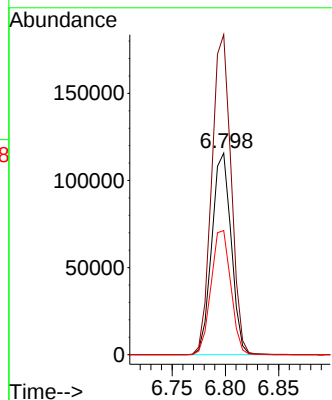
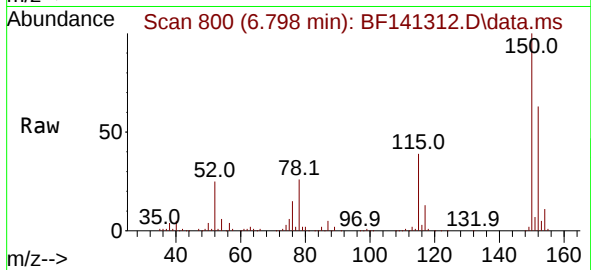




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF141312.D
Acq: 30 Jan 2025 14:32

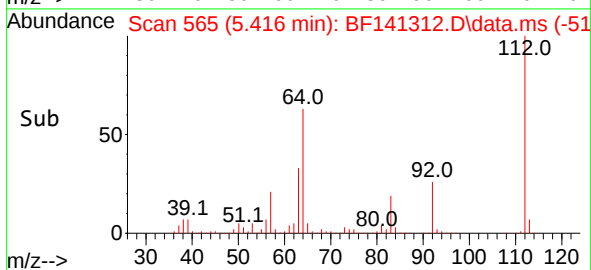
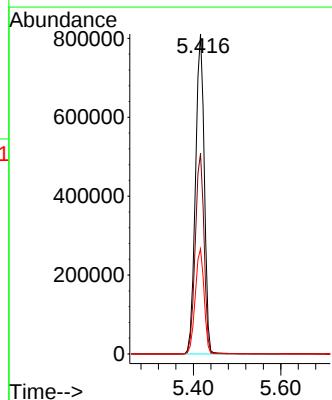
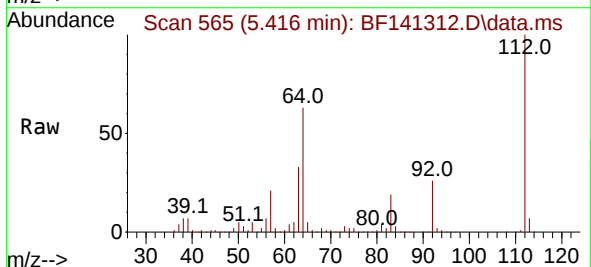
Instrument :
BNA_F
ClientSampleId :
PB166339BL

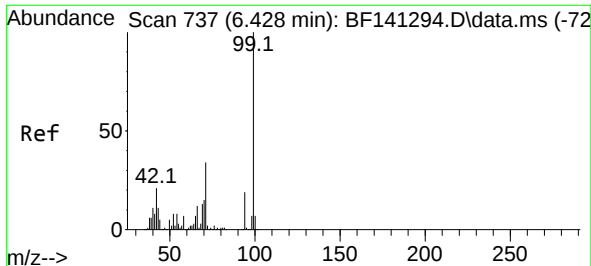
Tgt Ion:152 Resp: 146115
Ion Ratio Lower Upper
152 100
150 158.7 125.9 188.9
115 61.6 49.7 74.5



#5
2-Fluorophenol
Concen: 119.751 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141312.D
Acq: 30 Jan 2025 14:32

Tgt Ion:112 Resp: 1139750
Ion Ratio Lower Upper
112 100
64 62.7 49.8 74.8
63 32.8 26.1 39.1

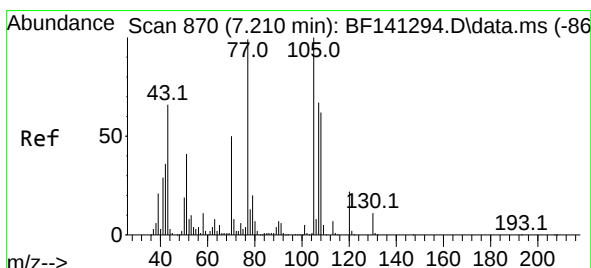
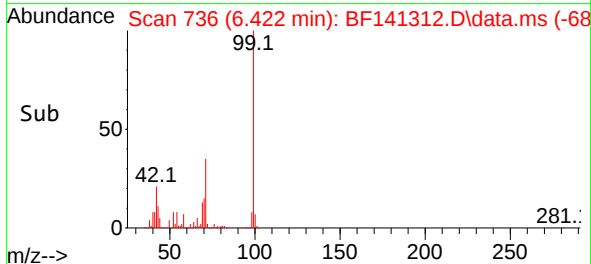
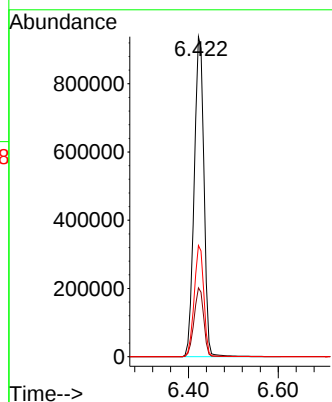
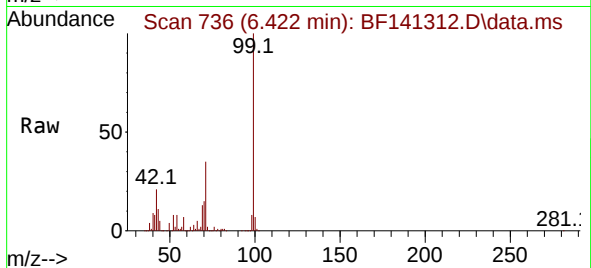




#7
Phenol-d6
Concen: 117.134 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141312.D
Acq: 30 Jan 2025 14:32

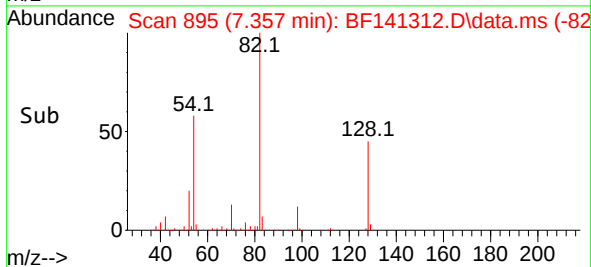
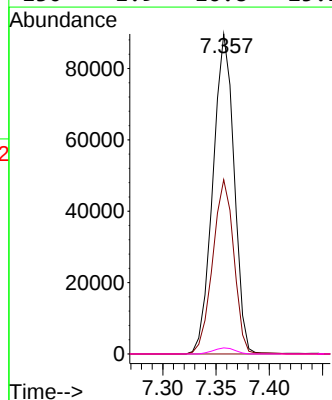
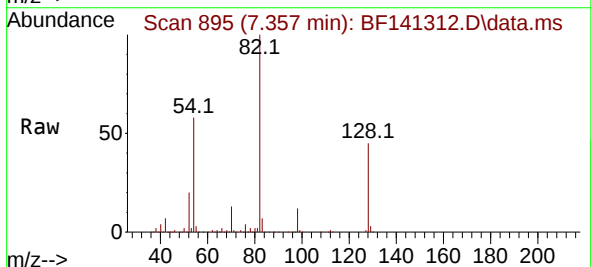
Instrument :
BNA_F
ClientSampleId :
PB166339BL

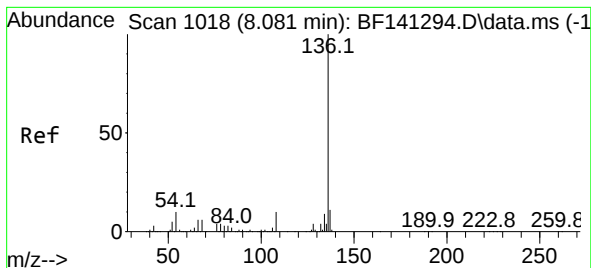
Tgt Ion: 99 Resp: 1418217
Ion Ratio Lower Upper
99 100
42 21.5 17.1 25.7
71 34.7 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.244 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF141312.D
Acq: 30 Jan 2025 14:32

Tgt Ion: 70 Resp: 124060
Ion Ratio Lower Upper
70 100
42 54.5 56.8 85.2#
101 0.0 7.7 11.5#
130 1.9 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF141312.D

Acq: 30 Jan 2025 14:32

Instrument :

BNA_F

ClientSampleId :

PB166339BL

Tgt Ion:136 Resp: 599878

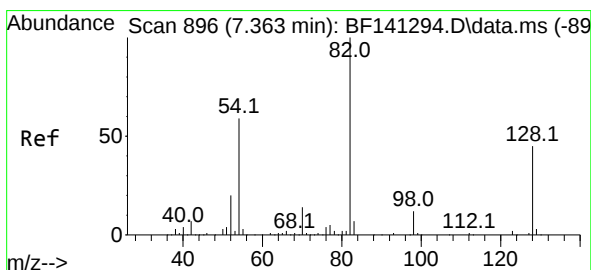
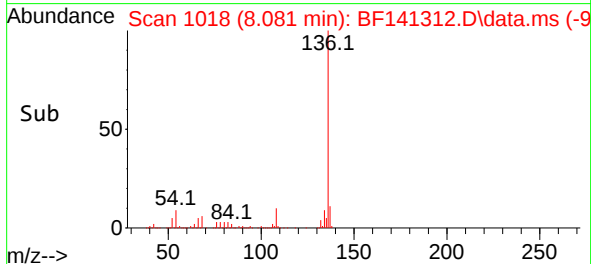
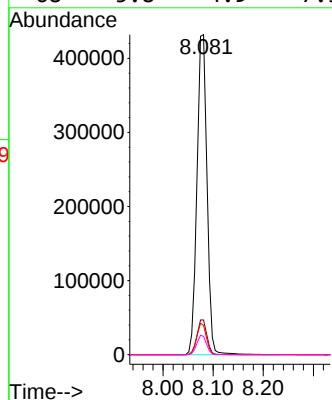
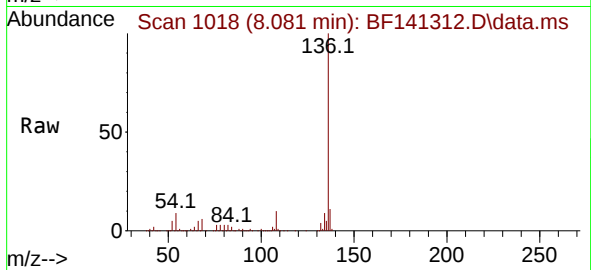
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.2 7.8 11.8

68 5.8 4.9 7.3



#23

Nitrobenzene-d5

Concen: 81.405 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141312.D

Acq: 30 Jan 2025 14:32

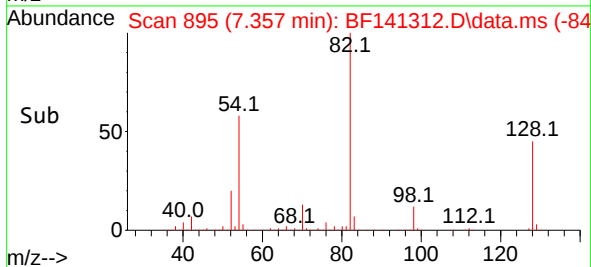
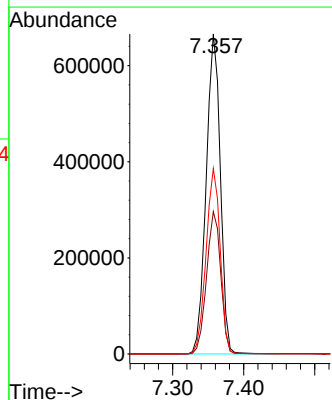
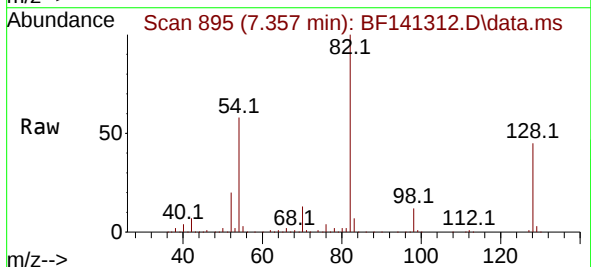
Tgt Ion: 82 Resp: 926335

Ion Ratio Lower Upper

82 100

128 44.5 35.7 53.5

54 58.0 47.1 70.7

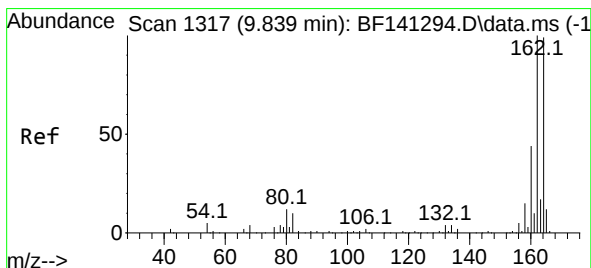
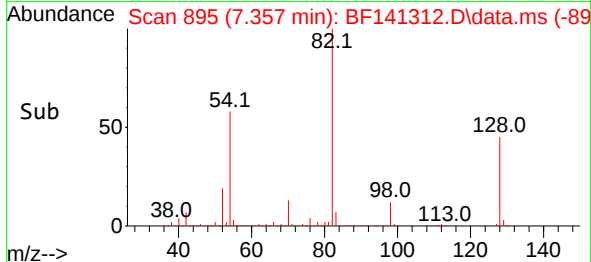
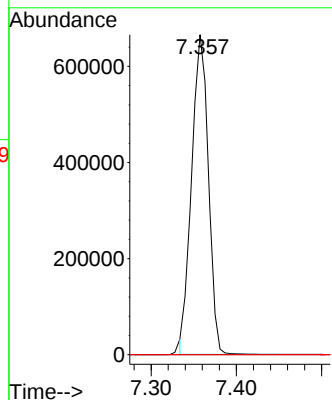
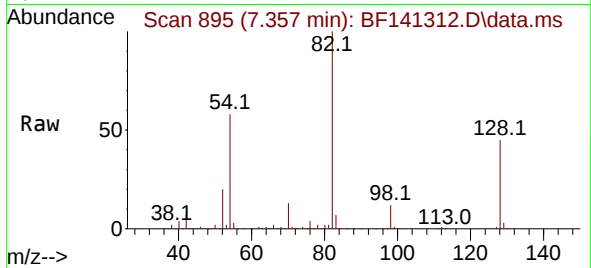




#25
Isophorone
Concen: 46.192 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF141312.D
Acq: 30 Jan 2025 14:32

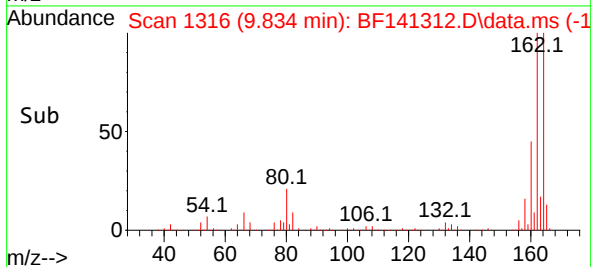
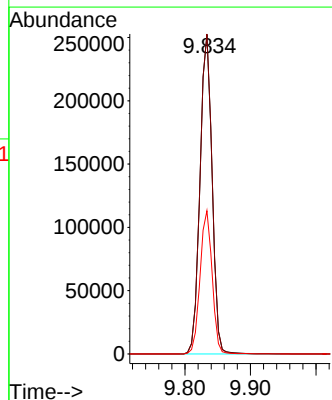
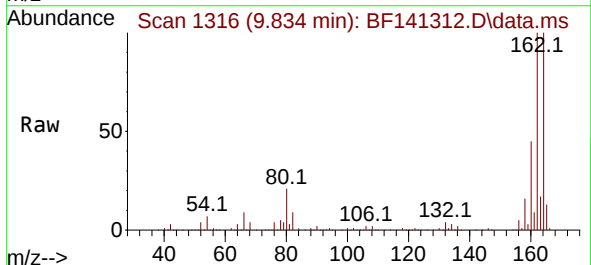
Instrument :
BNA_F
ClientSampleId :
PB166339BL

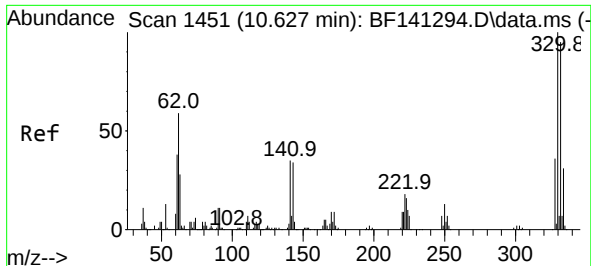
Tgt Ion: 82 Resp: 908607
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141312.D
Acq: 30 Jan 2025 14:32

Tgt Ion:164 Resp: 324432
Ion Ratio Lower Upper
164 100
162 100.3 80.6 121.0
160 44.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 120.036 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF141312.D

Acq: 30 Jan 2025 14:32

Instrument :

BNA_F

ClientSampleId :

PB166339BL

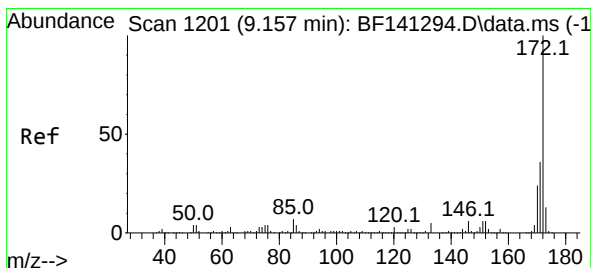
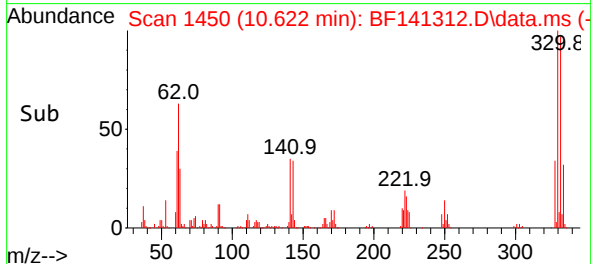
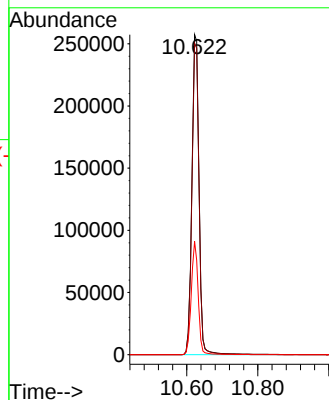
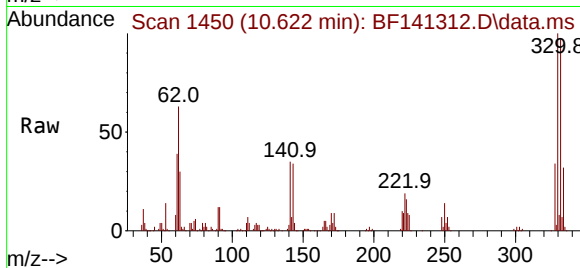
Tgt Ion:330 Resp: 357023

Ion Ratio Lower Upper

330 100

332 96.9 76.1 114.1

141 34.4 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 78.322 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF141312.D

Acq: 30 Jan 2025 14:32

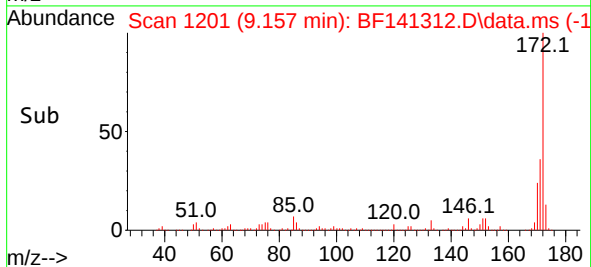
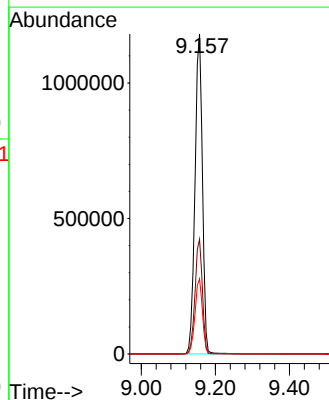
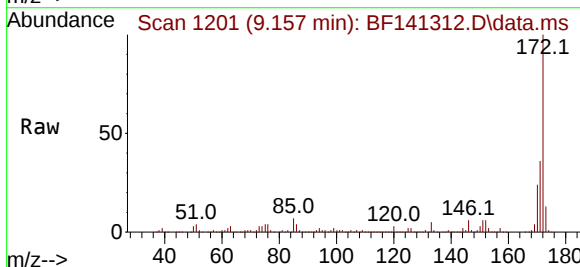
Tgt Ion:172 Resp: 1650886

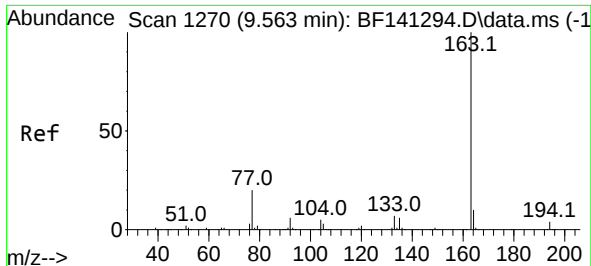
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.5 19.0 28.6

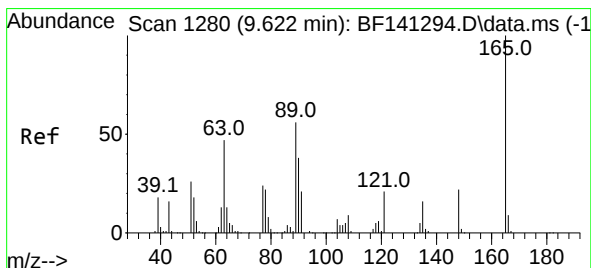
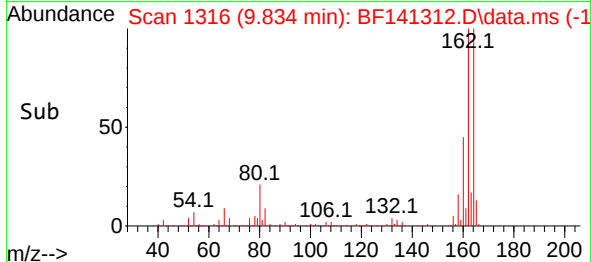
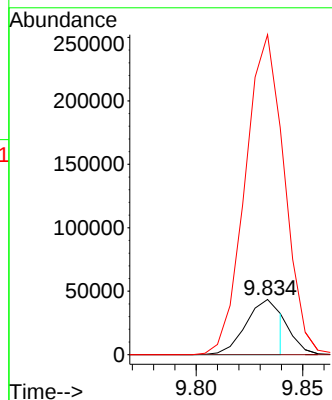
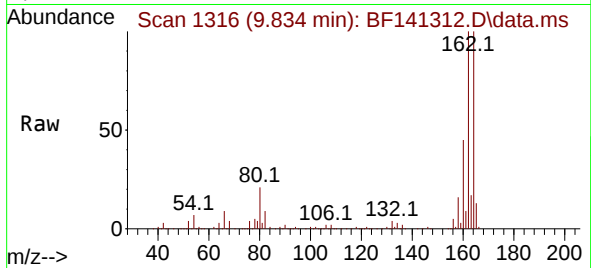




#50
Dimethylphthalate
Concen: 2.258 ng
RT: 9.834 min Scan# 1316
Delta R.T. 0.265 min
Lab File: BF141312.D
Acq: 30 Jan 2025 14:32

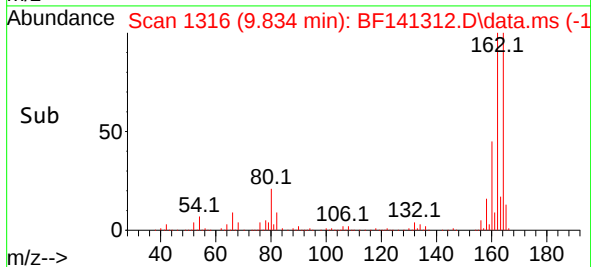
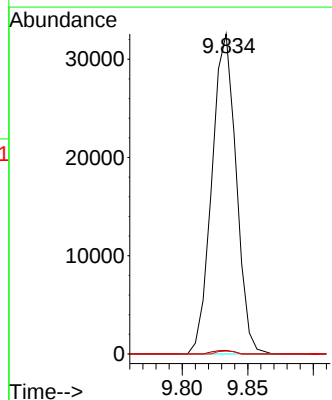
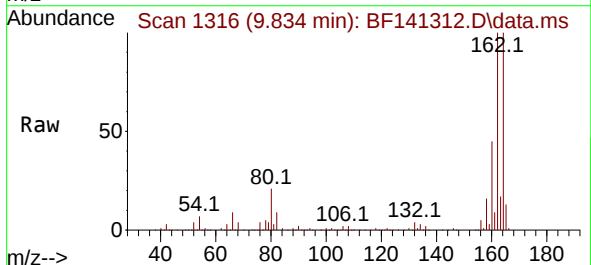
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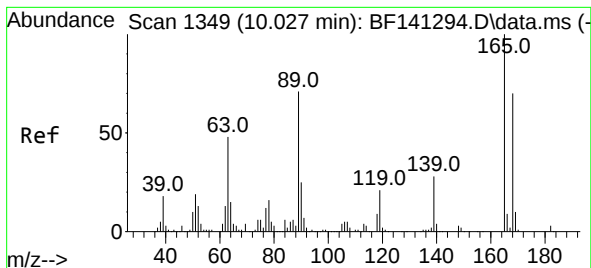
Tgt Ion:163 Resp: 49468
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 579.1 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.246 ng
RT: 9.834 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF141312.D
Acq: 30 Jan 2025 14:32

Tgt Ion:165 Resp: 41953
Ion Ratio Lower Upper
165 100
63 1.1 48.1 72.1#
89 0.9 44.9 67.3#

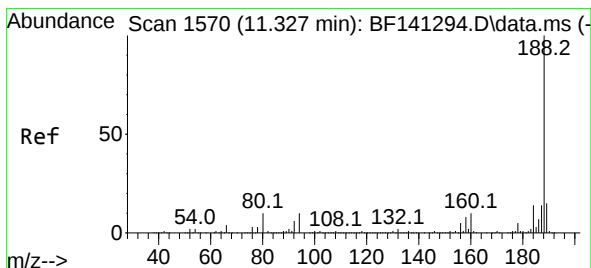
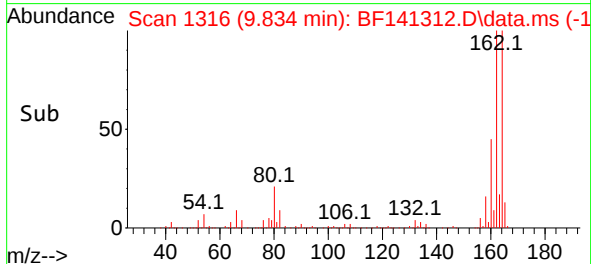
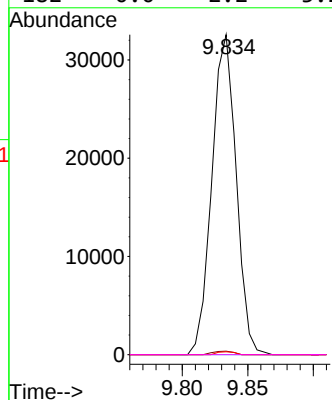
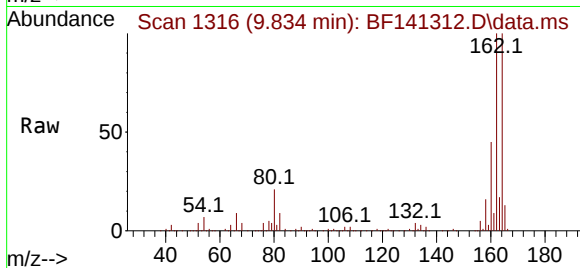




#57
2,4-Dinitrotoluene
Concen: 6.369 ng
RT: 9.834 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF141312.D
Acq: 30 Jan 2025 14:32

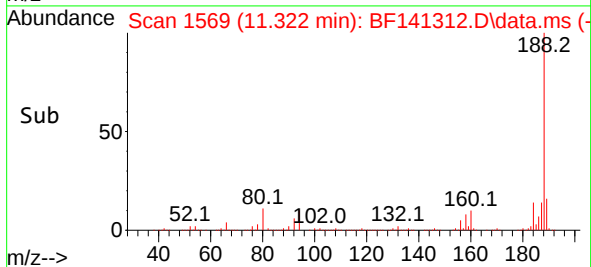
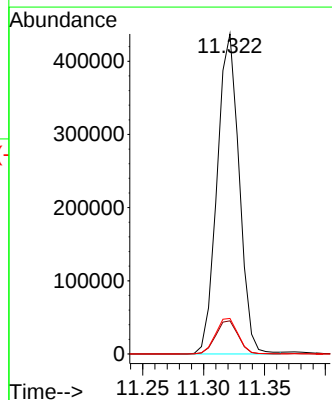
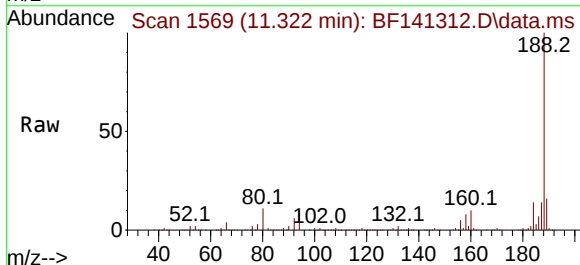
Instrument :
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PB166339BL

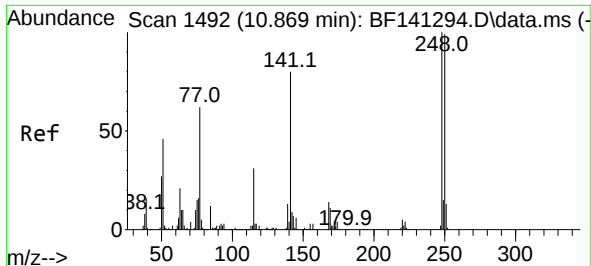
Tgt Ion:165 Resp: 41953
Ion Ratio Lower Upper
165 100
63 1.1 39.2 58.8#
89 0.9 56.9 85.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141312.D
Acq: 30 Jan 2025 14:32

Tgt Ion:188 Resp: 552085
Ion Ratio Lower Upper
188 100
94 10.4 7.8 11.6
80 11.1 8.2 12.4

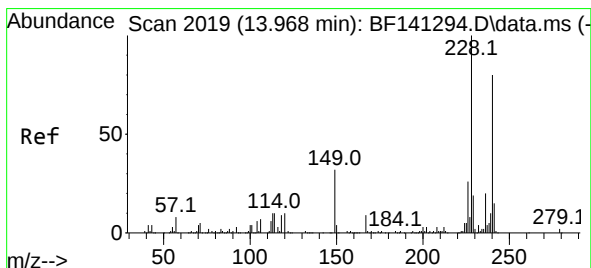
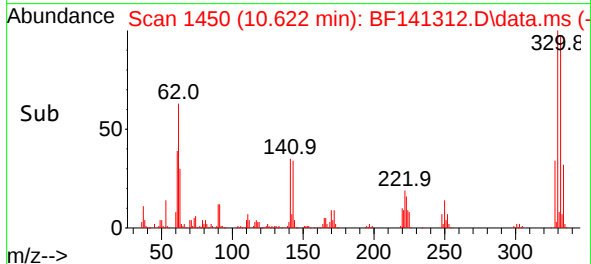
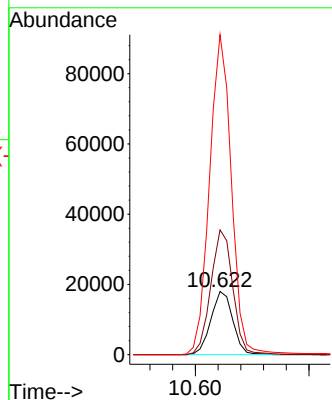
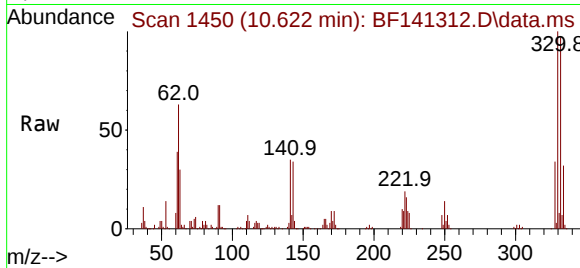




#67
4-Bromophenyl-phenylether
Concen: 3.909 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF141312.D
Acq: 30 Jan 2025 14:32

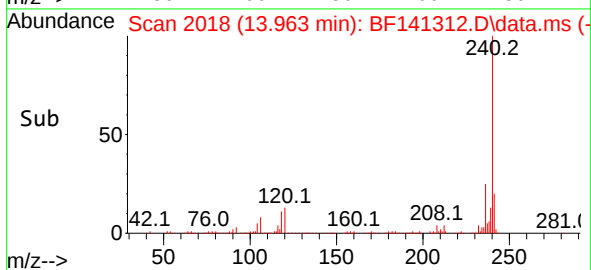
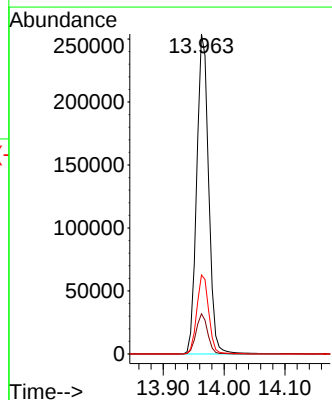
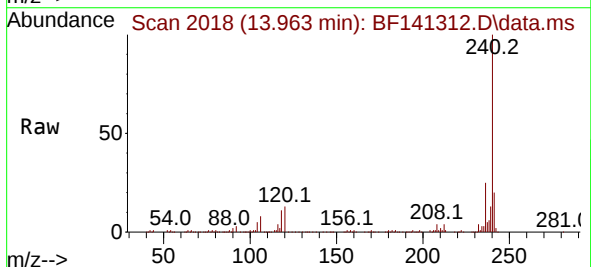
Instrument :
BNA_F
ClientSampleId :
PB166339BL

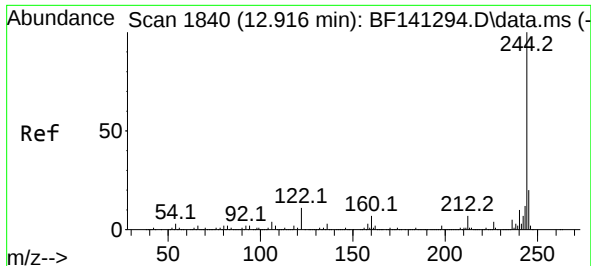
Tgt Ion:248 Resp: 24160
Ion Ratio Lower Upper
248 100
250 197.3 79.0 118.4#
141 505.6 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141312.D
Acq: 30 Jan 2025 14:32

Tgt Ion:240 Resp: 345336
Ion Ratio Lower Upper
240 100
120 12.5 10.0 15.0
236 24.7 19.7 29.5

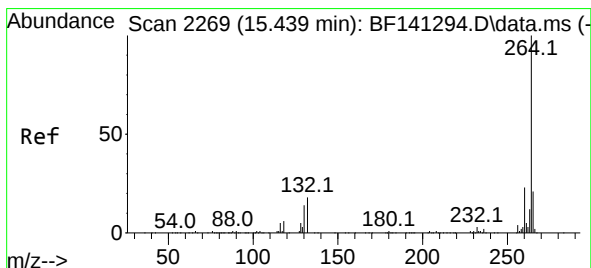
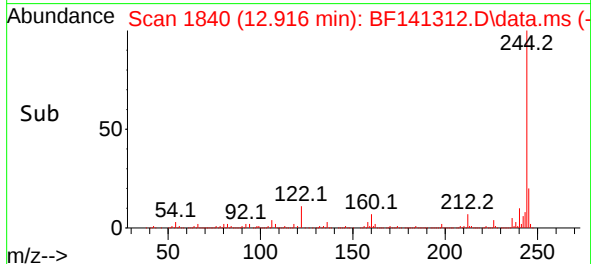
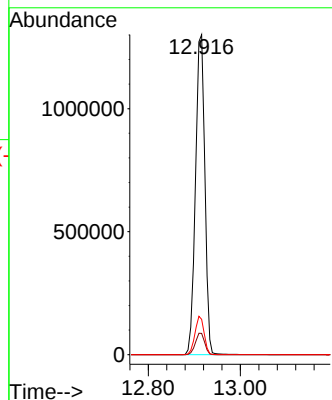
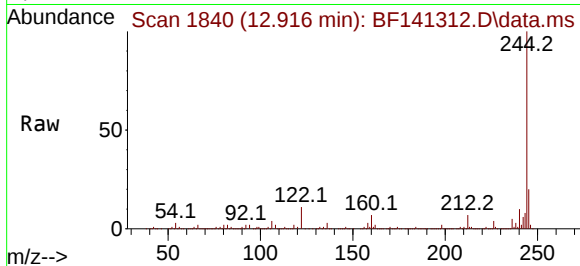




#79
 Terphenyl-d14
 Concen: 81.600 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141312.D
 Acq: 30 Jan 2025 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB166339BL

Tgt Ion:244 Resp: 1827244
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2269
 Delta R.T. -0.000 min
 Lab File: BF141312.D
 Acq: 30 Jan 2025 14:32

Tgt Ion:264 Resp: 288136
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.1 16.7 25.1

