

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141438.D
 Acq On : 05 Feb 2025 11:21
 Operator : RC/JU
 Sample : PB166211TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166211TB

Quant Time: Feb 05 11:41:37 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)

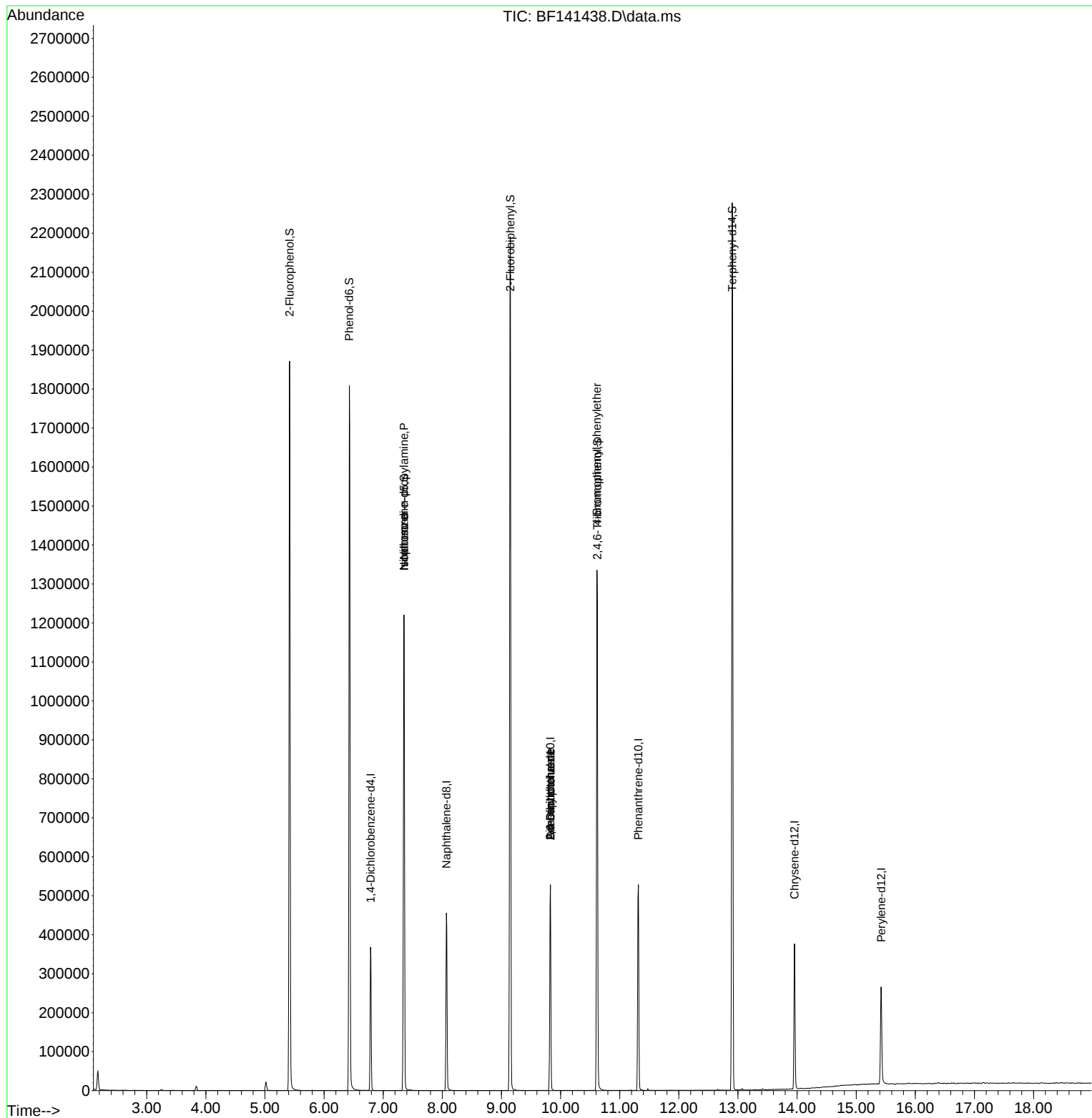
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	74222	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	296208	20.000	ng	#-0.02
39) Acenaphthene-d10	9.827	164	161295	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	276691	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	180800	20.000	ng	-0.02
86) Perylene-d12	15.421	264	151306	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	662085	136.945	ng	0.00
7) Phenol-d6	6.428	99	796762	129.548	ng	-0.01
23) Nitrobenzene-d5	7.351	82	541977	96.456	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	216122	146.156	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1009052	96.291	ng	-0.01
79) Terphenyl-d14	12.904	244	1144313	97.607	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	75194	20.576	ng	# 75
25) Isophorone	7.351	82	538867	55.480	ng	# 64
50) Dimethylphthalate	9.827	163	25092	2.303	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	20213	7.991	ng	# 24
57) 2,4-Dinitrotoluene	9.827	165	20213	6.172	ng	# 23
67) 4-Bromophenyl-phenylether	10.616	248	15061	4.862	ng	# 1

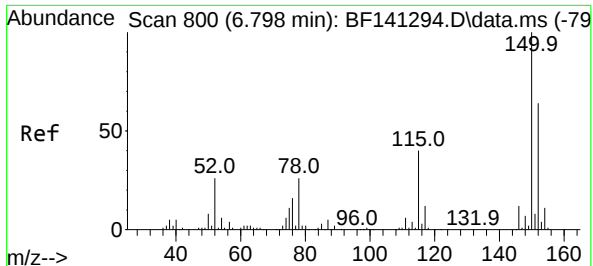
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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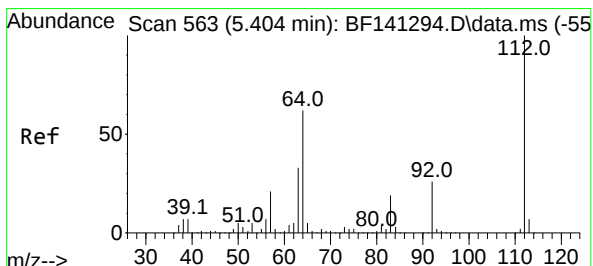
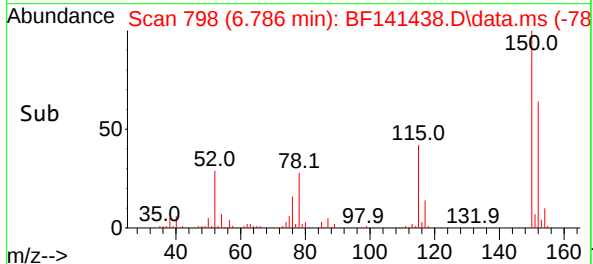
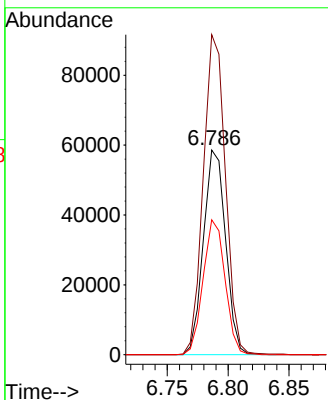
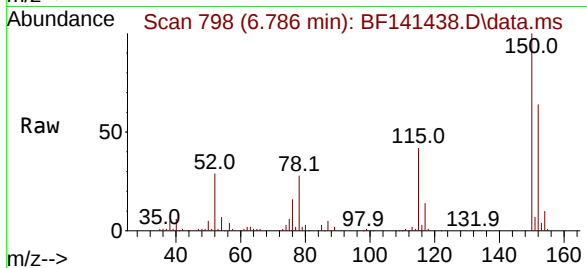




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.018 min
 Lab File: BF141438.D
 Acq: 05 Feb 2025 11:21

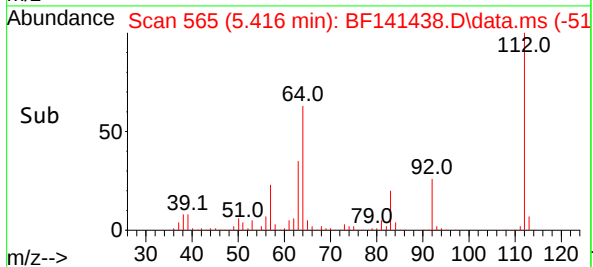
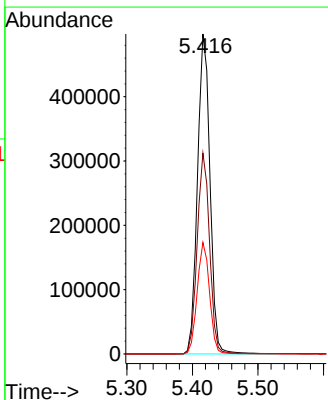
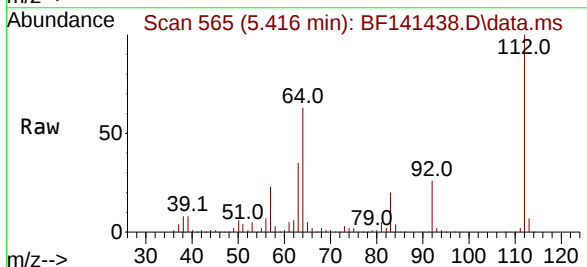
Instrument :
 BNA_F
 ClientSampleId :
 PB166211TB

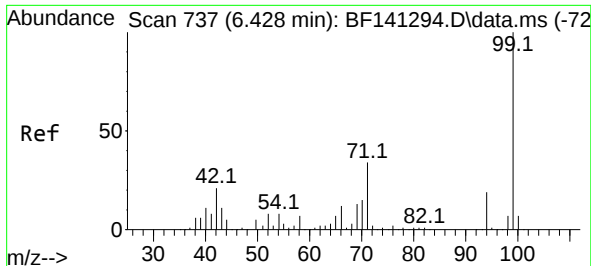
Tgt Ion:152 Resp: 74222
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.9 188.9
 115 65.9 49.7 74.5



#5
 2-Fluorophenol
 Concen: 136.945 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141438.D
 Acq: 05 Feb 2025 11:21

Tgt Ion:112 Resp: 662085
 Ion Ratio Lower Upper
 112 100
 64 62.7 49.8 74.8
 63 34.8 26.1 39.1

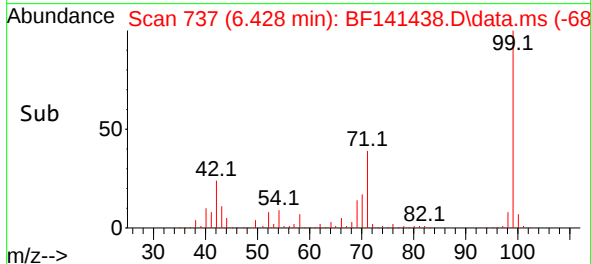
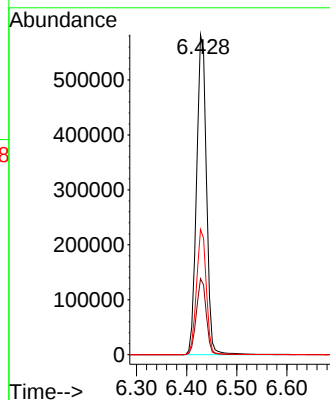
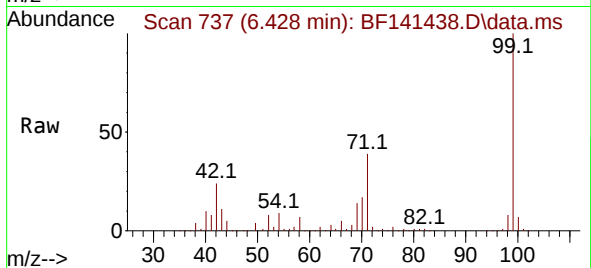




#7
Phenol-d6
Concen: 129.548 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141438.D
Acq: 05 Feb 2025 11:21

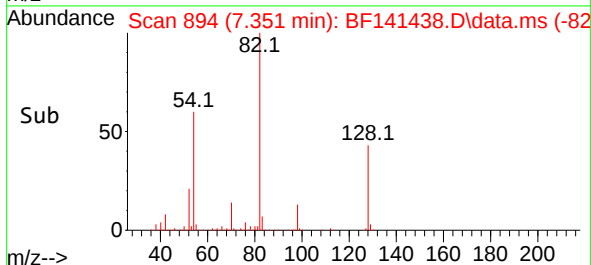
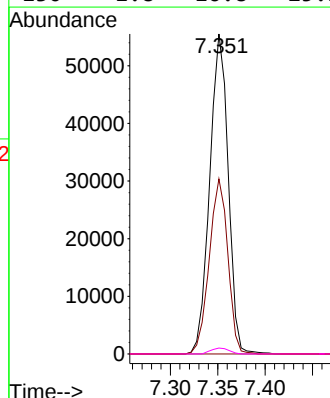
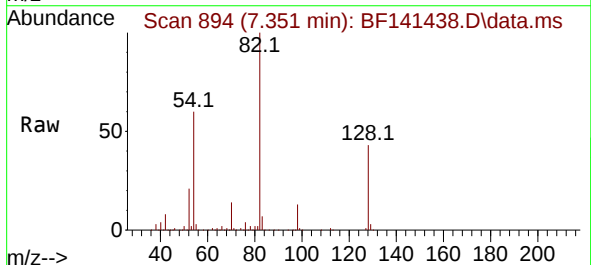
Instrument :
BNA_F
ClientSampleId :
PB166211TB

Tgt Ion: 99 Resp: 796762
Ion Ratio Lower Upper
99 100
42 23.7 17.1 25.7
71 39.1 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.576 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141438.D
Acq: 05 Feb 2025 11:21

Tgt Ion: 70 Resp: 75194
Ion Ratio Lower Upper
70 100
42 54.7 56.8 85.2#
101 0.0 7.7 11.5#
130 1.8 16.8 25.2#

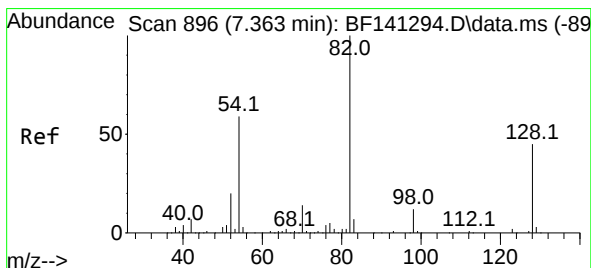
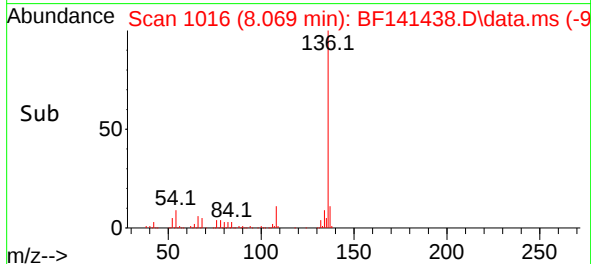
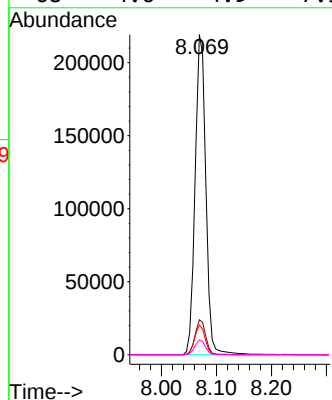
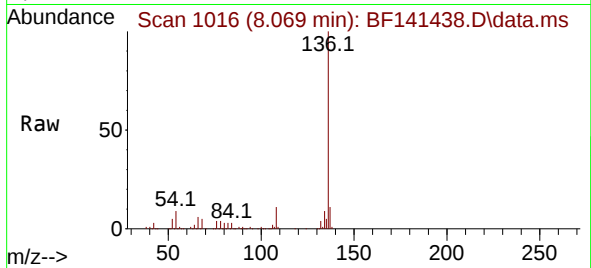




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141438.D
Acq: 05 Feb 2025 11:21

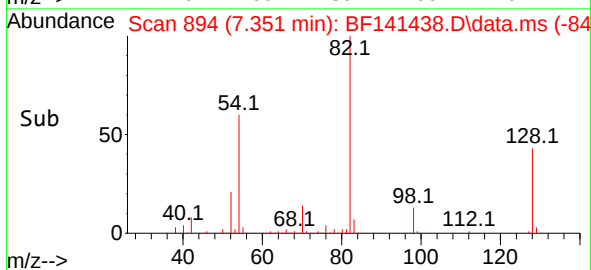
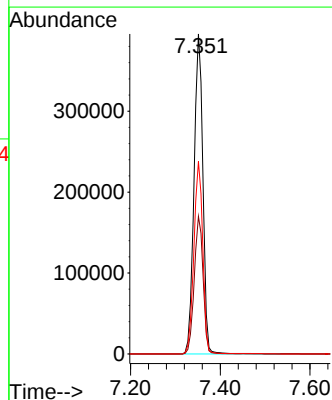
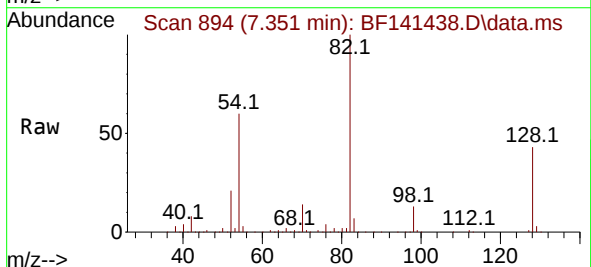
Instrument :
BNA_F
ClientSampleId :
PB166211TB

Tgt Ion:136 Resp: 296208
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.3 7.8 11.8
68 4.6 4.9 7.3#



#23
Nitrobenzene-d5
Concen: 96.456 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141438.D
Acq: 05 Feb 2025 11:21

Tgt Ion: 82 Resp: 541977
Ion Ratio Lower Upper
82 100
128 43.0 35.7 53.5
54 60.2 47.1 70.7

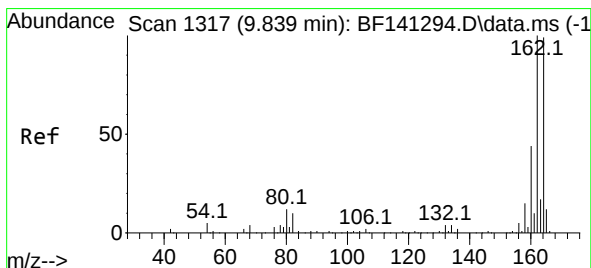
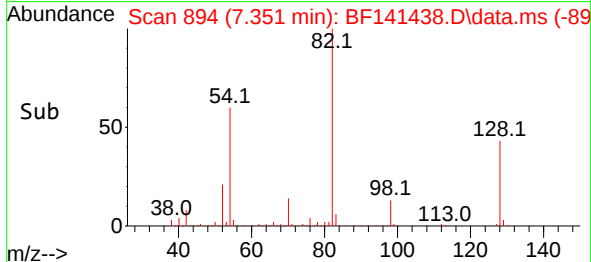
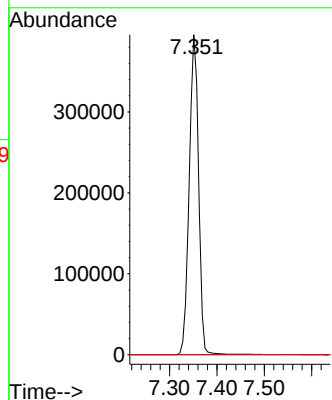
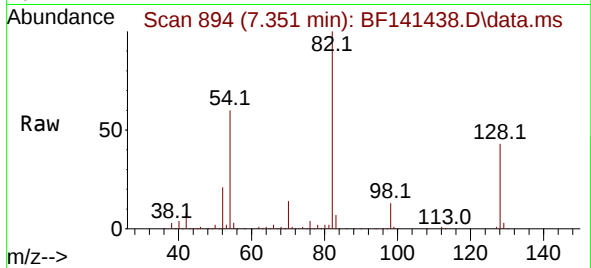




#25
Isophorone
Concen: 55.480 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF141438.D
Acq: 05 Feb 2025 11:21

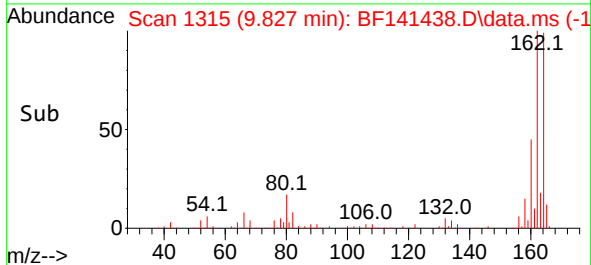
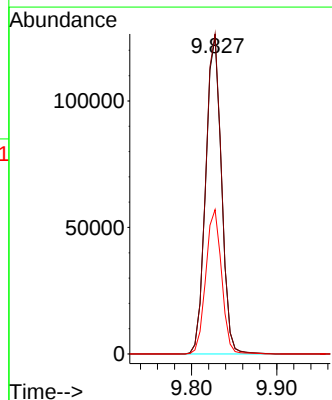
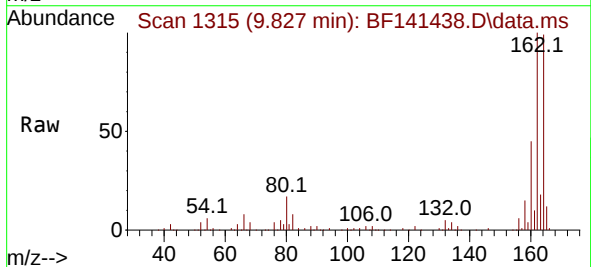
Instrument :
BNA_F
ClientSampleId :
PB166211TB

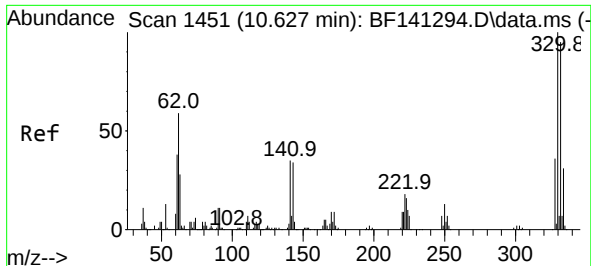
Tgt Ion: 82 Resp: 538867
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141438.D
Acq: 05 Feb 2025 11:21

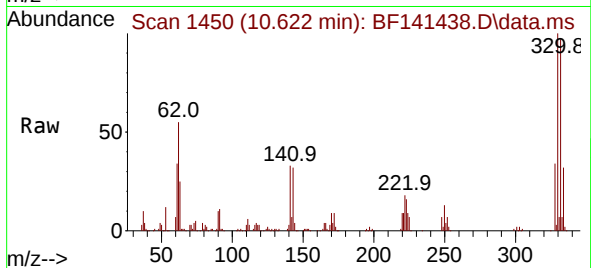
Tgt Ion: 164 Resp: 161295
Ion Ratio Lower Upper
164 100
162 101.0 80.6 121.0
160 45.6 35.8 53.6



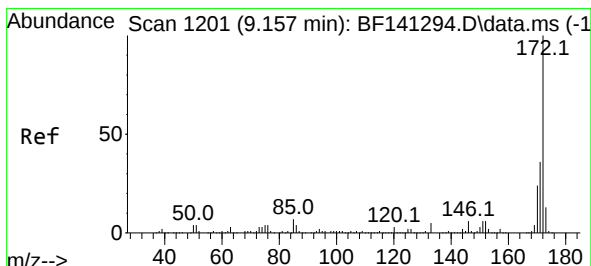
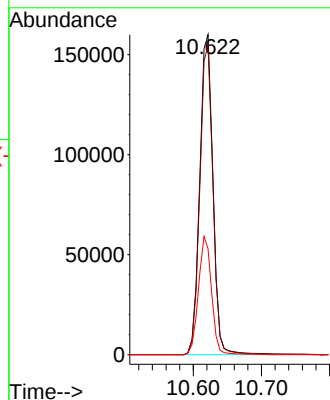
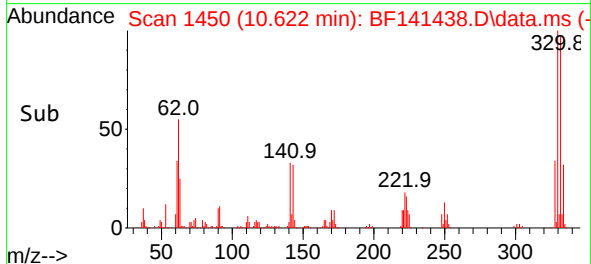


#42
2,4,6-Tribromophenol
Concen: 146.156 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF141438.D
Acq: 05 Feb 2025 11:21

Instrument :
BNA_F
ClientSampleId :
PB166211TB

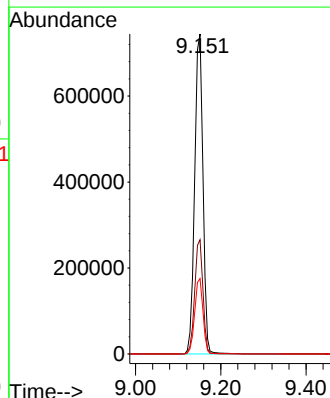
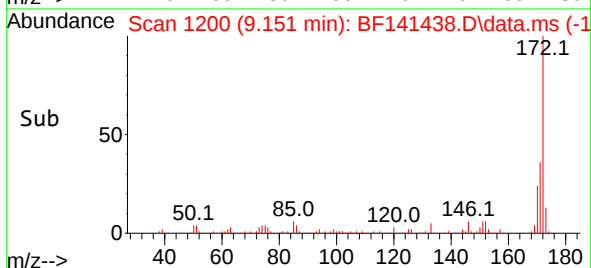
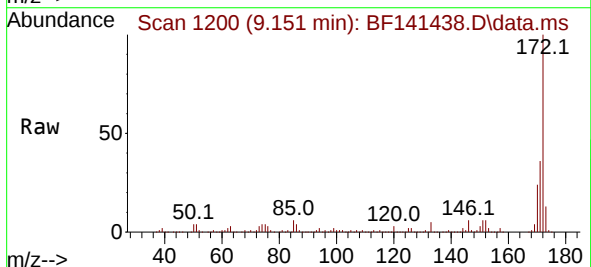


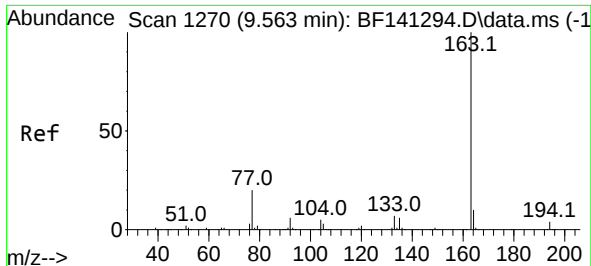
Tgt Ion:330 Resp: 216122
Ion Ratio Lower Upper
330 100
332 96.3 76.1 114.1
141 36.6 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 96.291 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141438.D
Acq: 05 Feb 2025 11:21

Tgt Ion:172 Resp: 1009052
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.6 19.0 28.6

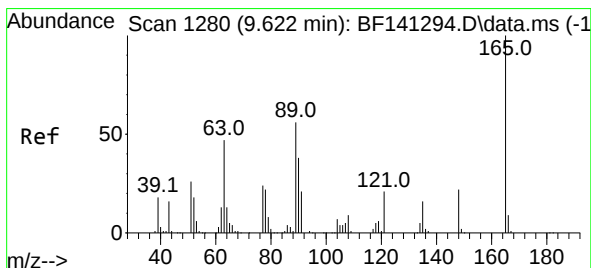
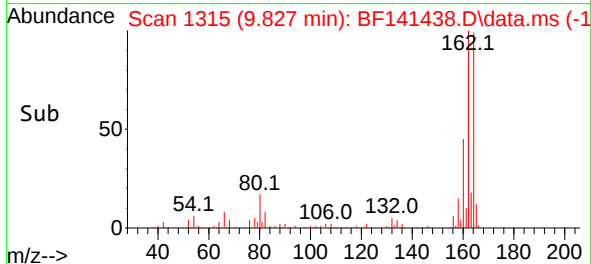
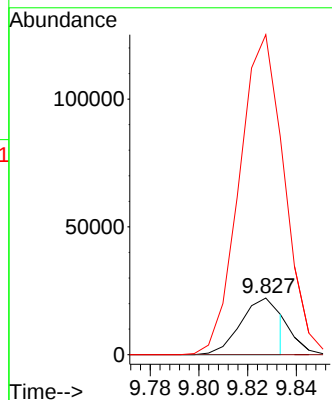
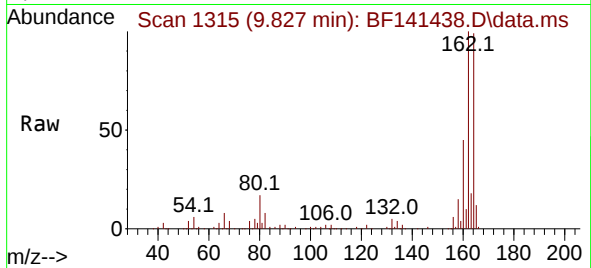




#50
Dimethylphthalate
Concen: 2.303 ng
RT: 9.827 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF141438.D
Acq: 05 Feb 2025 11:21

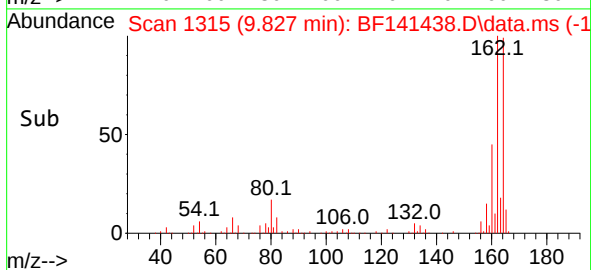
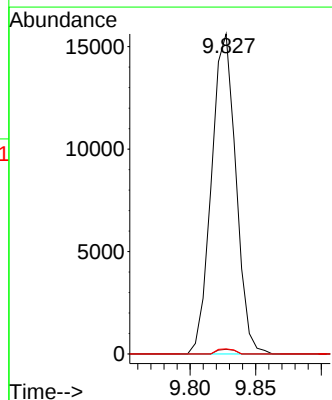
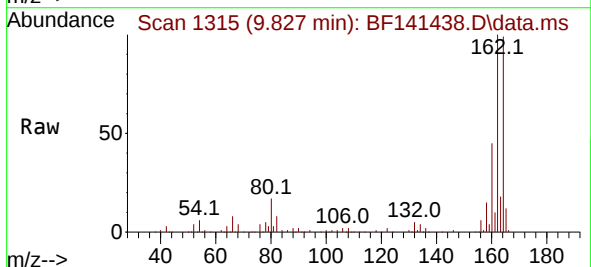
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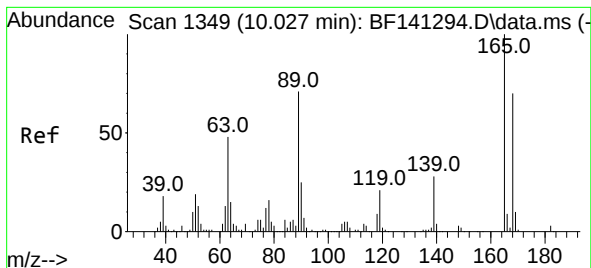
Tgt Ion:163 Resp: 25092
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 564.4 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 7.991 ng
RT: 9.827 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF141438.D
Acq: 05 Feb 2025 11:21

Tgt Ion:165 Resp: 20213
Ion Ratio Lower Upper
165 100
63 1.5 48.1 72.1#
89 1.6 44.9 67.3#

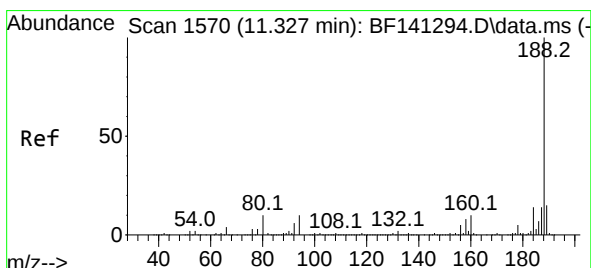
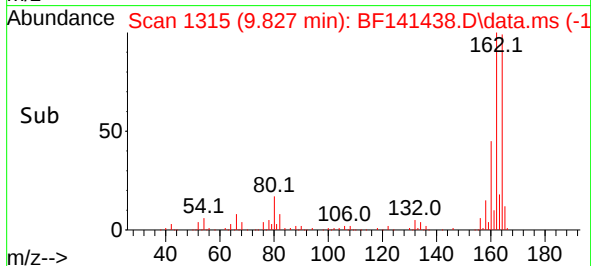
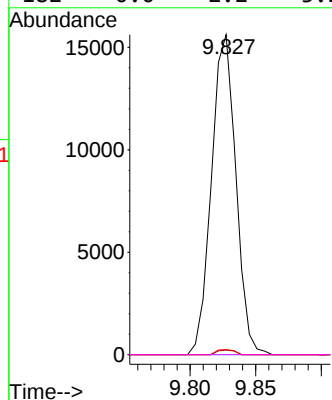
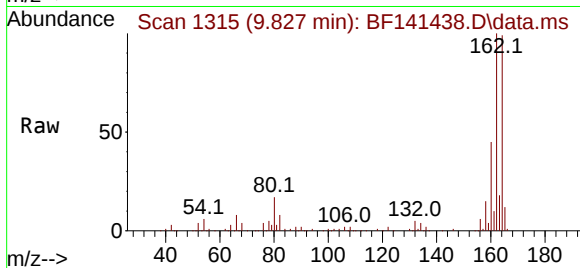




#57
2,4-Dinitrotoluene
Concen: 6.172 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141438.D
Acq: 05 Feb 2025 11:21

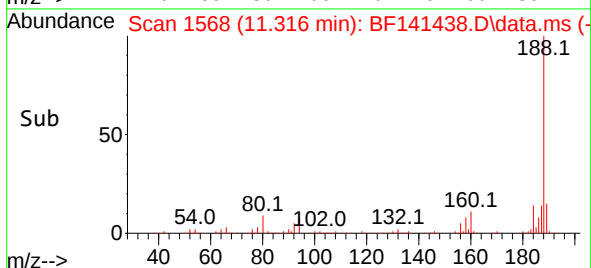
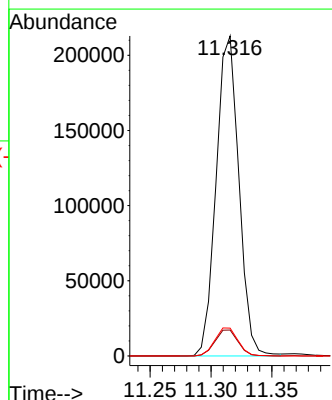
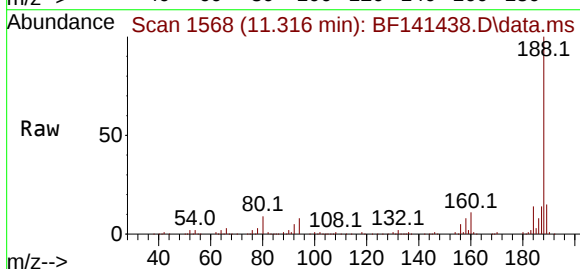
Instrument :
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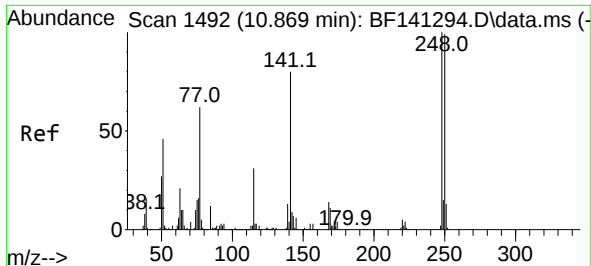
Tgt Ion:165 Resp: 20213
Ion Ratio Lower Upper
165 100
63 1.5 39.2 58.8#
89 1.6 56.9 85.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141438.D
Acq: 05 Feb 2025 11:21

Tgt Ion:188 Resp: 276691
Ion Ratio Lower Upper
188 100
94 8.1 7.8 11.6
80 8.7 8.2 12.4

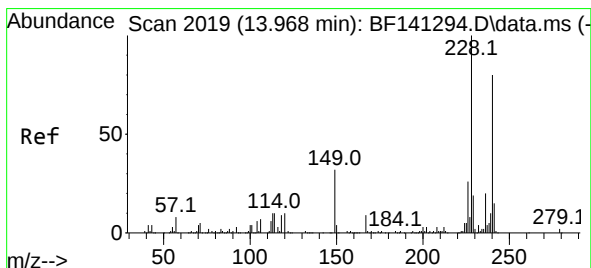
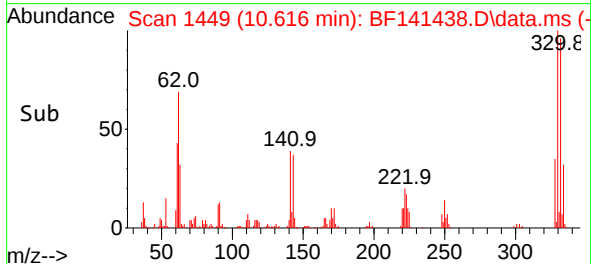
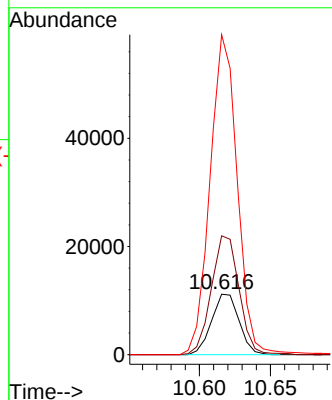
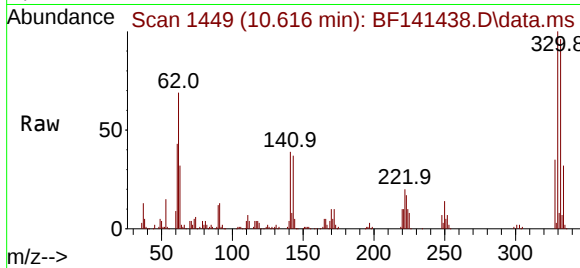




#67
4-Bromophenyl-phenylether
Concen: 4.862 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.259 min
Lab File: BF141438.D
Acq: 05 Feb 2025 11:21

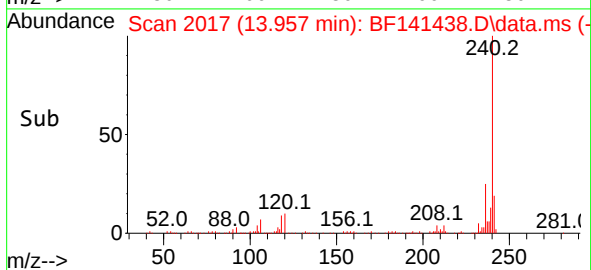
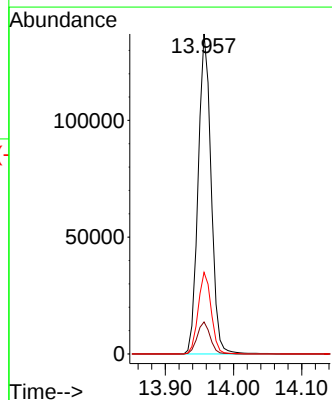
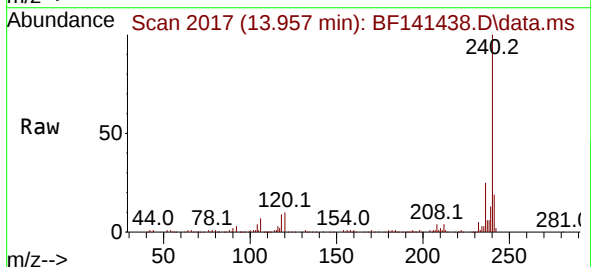
Instrument :
BNA_F
ClientSampleId :
PB166211TB

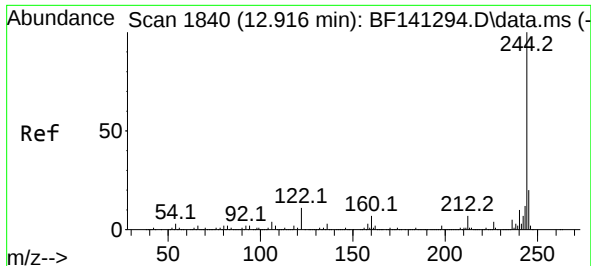
Tgt Ion:248 Resp: 15061
Ion Ratio Lower Upper
248 100
250 196.6 79.0 118.4#
141 529.4 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141438.D
Acq: 05 Feb 2025 11:21

Tgt Ion:240 Resp: 180800
Ion Ratio Lower Upper
240 100
120 10.0 10.0 15.0
236 25.5 19.7 29.5

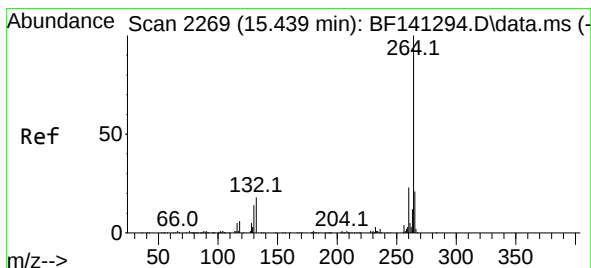
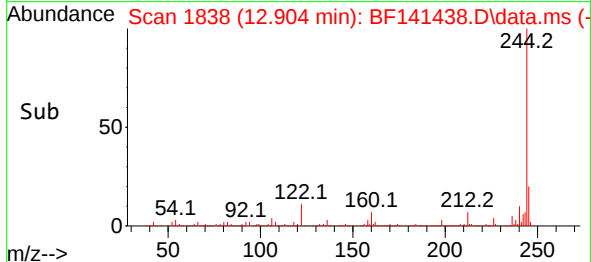
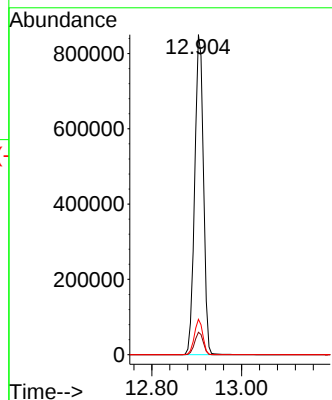
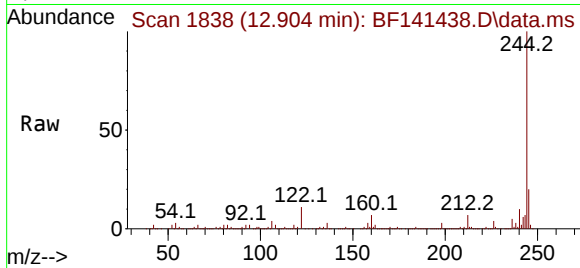




#79
 Terphenyl-d14
 Concen: 97.607 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF141438.D
 Acq: 05 Feb 2025 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB166211TB

Tgt Ion:244 Resp: 1144313
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF141438.D
 Acq: 05 Feb 2025 11:21

Tgt Ion:264 Resp: 151306
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.5 16.7 25.1

