

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141401.D
 Acq On : 04 Feb 2025 12:02
 Operator : RC/JU
 Sample : PB166423TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166423TB

Quant Time: Feb 04 12:56:34 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)

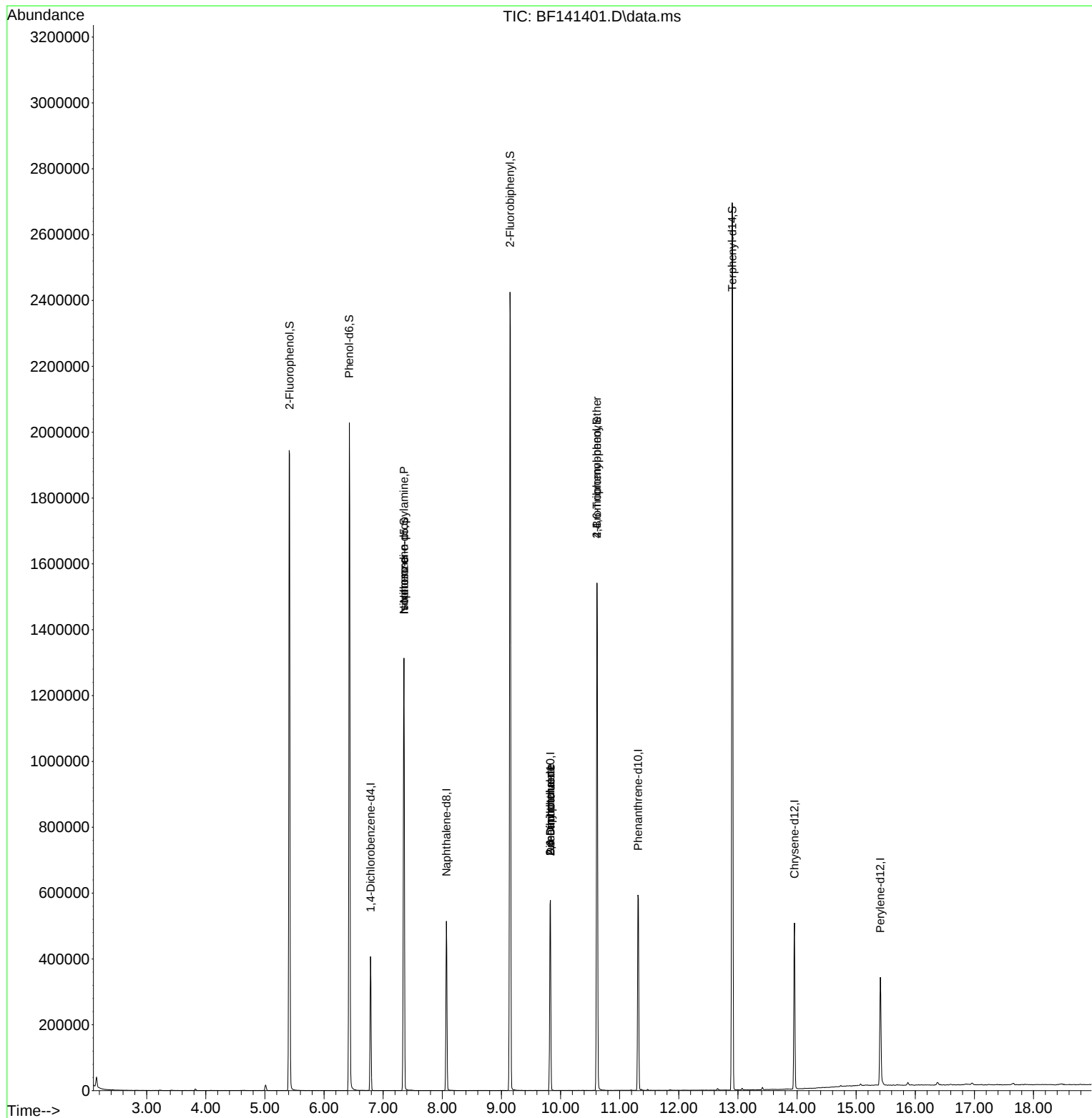
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	79603	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	321231	20.000	ng	#-0.02
39) Acenaphthene-d10	9.828	164	179300	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	311828	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	245488	20.000	ng	-0.02
86) Perylene-d12	15.410	264	193327	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	712179	137.349	ng	0.00
7) Phenol-d6	6.428	99	885464	134.238	ng	-0.01
23) Nitrobenzene-d5	7.351	82	582552	95.601	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	245592	149.408	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1109712	95.263	ng	-0.02
79) Terphenyl-d14	12.904	244	1343273	84.386	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	79166	20.198	ng	# 76
25) Isophorone	7.351	82	577999	54.873	ng	# 64
50) Dimethylphthalate	9.828	163	28090	2.320	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	23242	8.266	ng	# 23
57) 2,4-Dinitrotoluene	9.828	165	23242	6.384	ng	# 23
67) 4-Bromophenyl-phenylether	10.616	248	16839	4.824	ng	# 1

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

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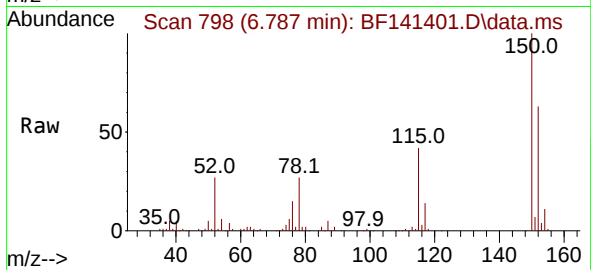
Quant Time: Feb 04 12:56:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration



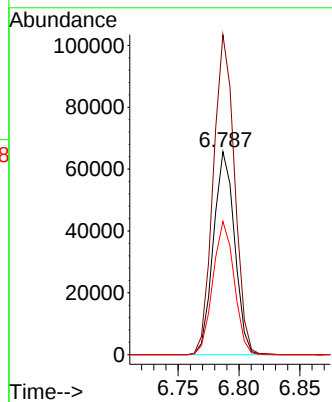
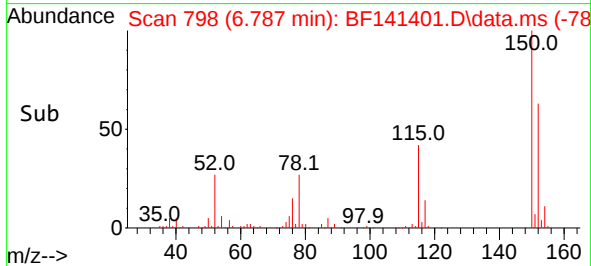


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.017 min
Lab File: BF141401.D
Acq: 04 Feb 2025 12:02

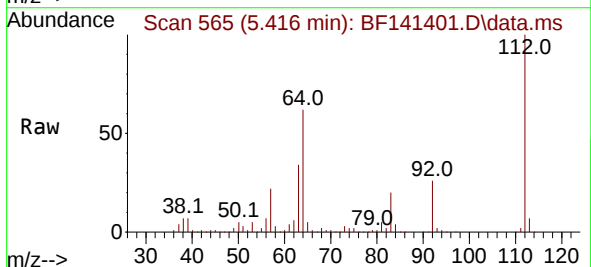
Instrument :
BNA_F
ClientSampleId :
PB166423TB



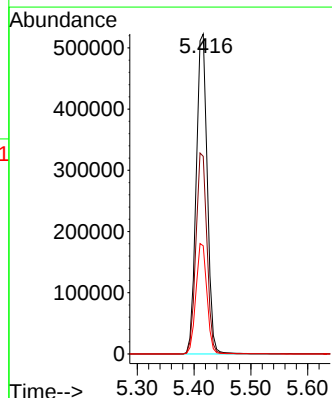
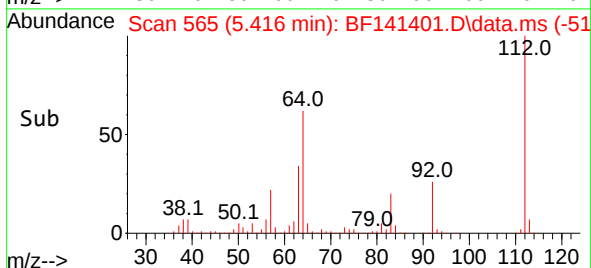
Tgt Ion:152 Resp: 79603
Ion Ratio Lower Upper
152 100
150 157.6 125.9 188.9
115 65.6 49.7 74.5



#5
2-Fluorophenol
Concen: 137.349 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141401.D
Acq: 04 Feb 2025 12:02



Tgt Ion:112 Resp: 712179
Ion Ratio Lower Upper
112 100
64 61.7 49.8 74.8
63 33.8 26.1 39.1





#7
Phenol-d6
Concen: 134.238 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141401.D
Acq: 04 Feb 2025 12:02

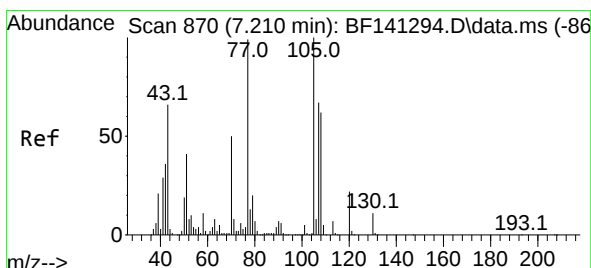
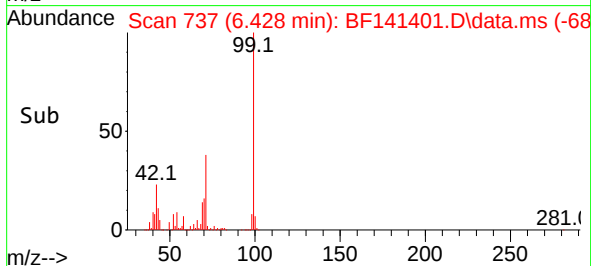
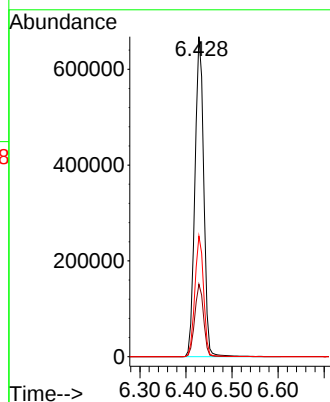
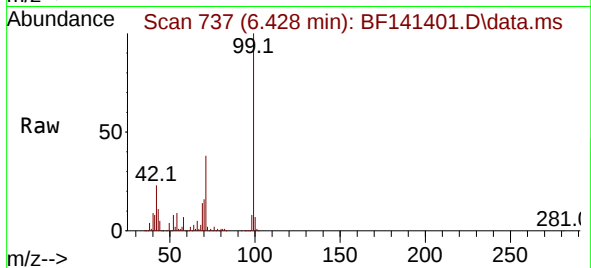
Instrument :

BNA_F

ClientSampleId :

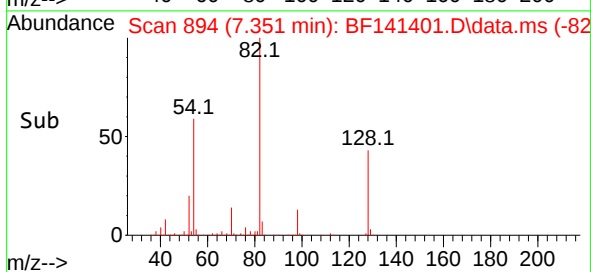
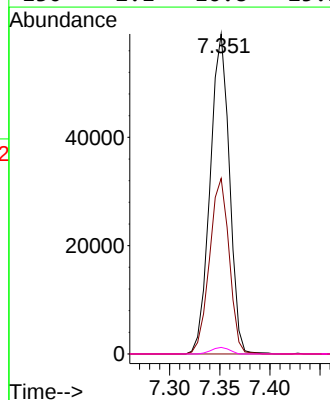
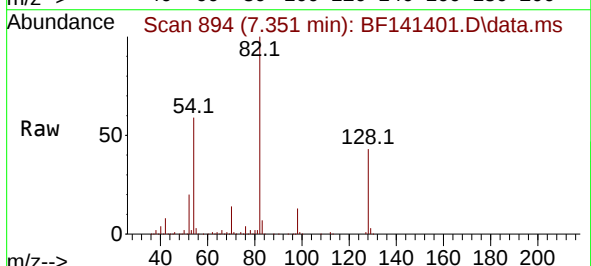
PB166423TB

Tgt Ion: 99 Resp: 885464
Ion Ratio Lower Upper
99 100
42 22.7 17.1 25.7
71 37.7 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.198 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.124 min
Lab File: BF141401.D
Acq: 04 Feb 2025 12:02

Tgt Ion: 70 Resp: 79166
Ion Ratio Lower Upper
70 100
42 54.9 56.8 85.2#
101 0.0 7.7 11.5#
130 2.1 16.8 25.2#

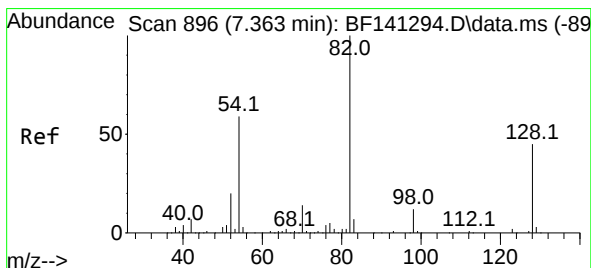
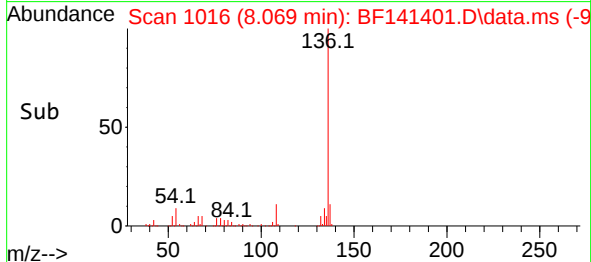
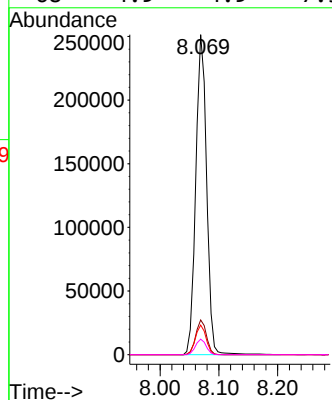
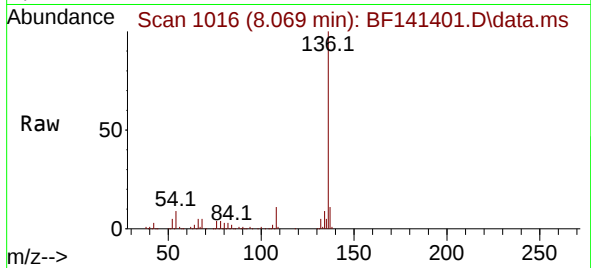




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141401.D
Acq: 04 Feb 2025 12:02

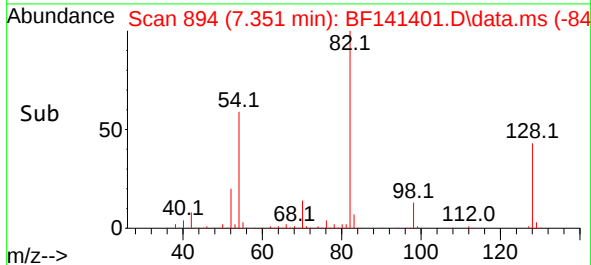
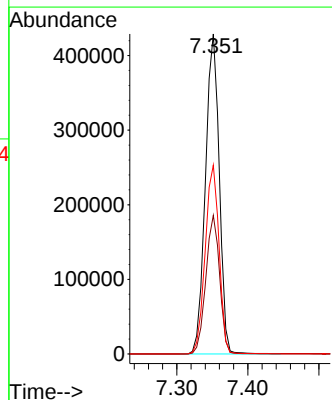
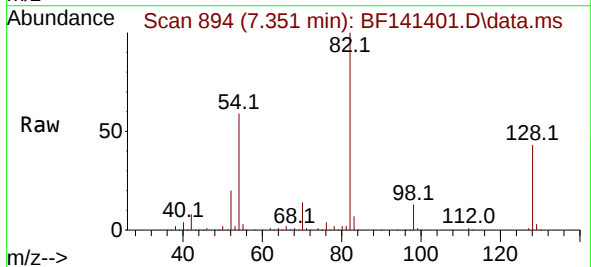
Instrument :
BNA_F
ClientSampleId :
PB166423TB

Tgt Ion:136 Resp: 321231
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.2 7.8 11.8
68 4.9 4.9 7.3#



#23
Nitrobenzene-d5
Concen: 95.601 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141401.D
Acq: 04 Feb 2025 12:02

Tgt Ion: 82 Resp: 582552
Ion Ratio Lower Upper
82 100
128 43.3 35.7 53.5
54 59.0 47.1 70.7

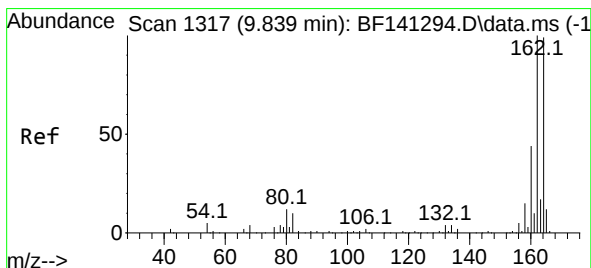
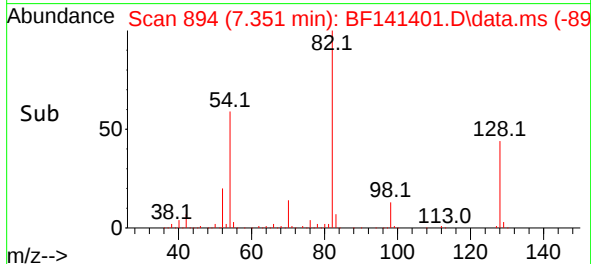
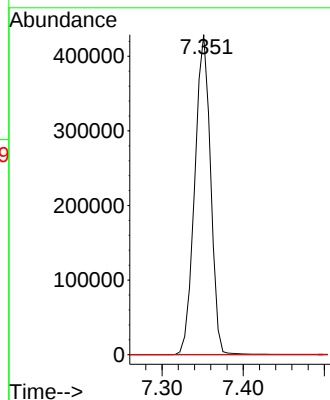
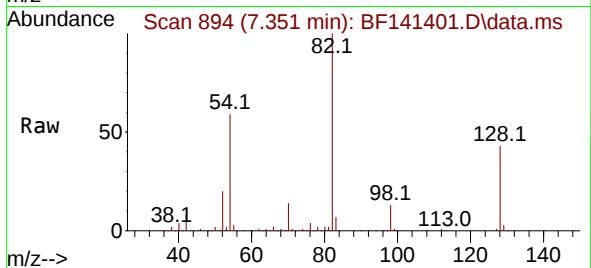




#25
Isophorone
Concen: 54.873 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF141401.D
Acq: 04 Feb 2025 12:02

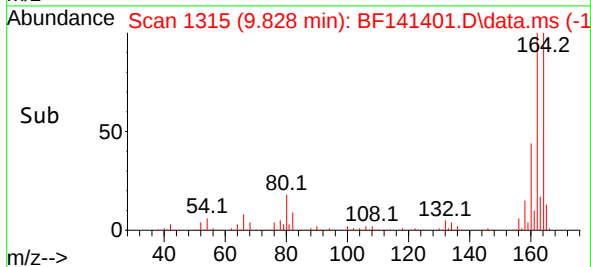
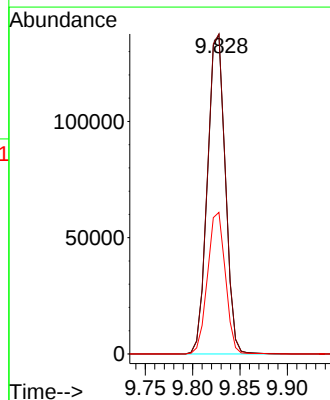
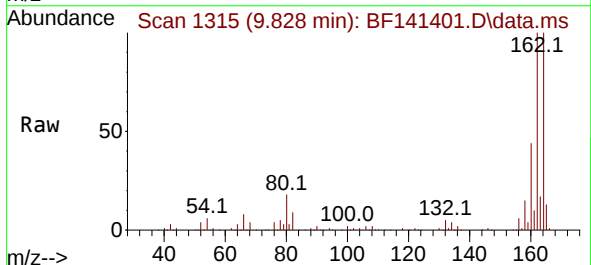
Instrument :
BNA_F
ClientSampleId :
PB166423TB

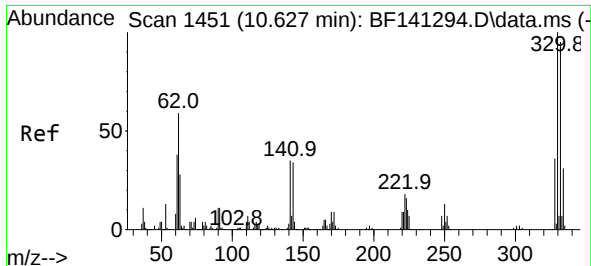
Tgt Ion: 82 Resp: 577999
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141401.D
Acq: 04 Feb 2025 12:02

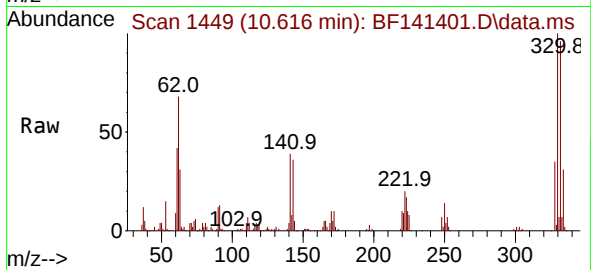
Tgt Ion:164 Resp: 179300
Ion Ratio Lower Upper
164 100
162 100.1 80.6 121.0
160 44.3 35.8 53.6



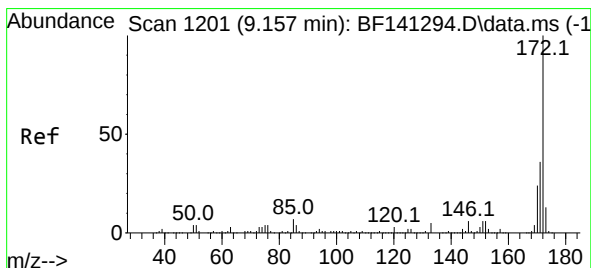
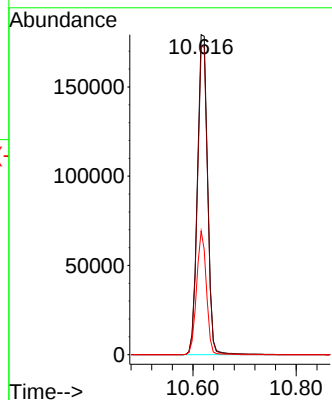
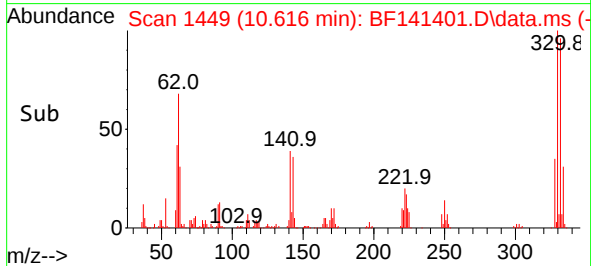


#42
2,4,6-Tribromophenol
Concen: 149.408 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF141401.D
Acq: 04 Feb 2025 12:02

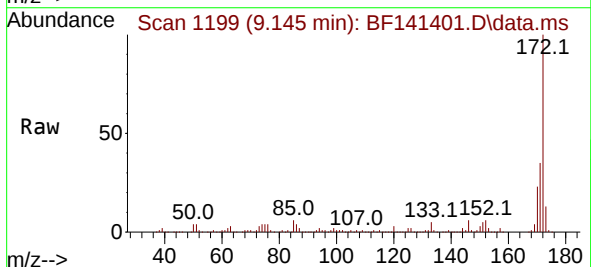
Instrument :
BNA_F
ClientSampleId :
PB166423TB



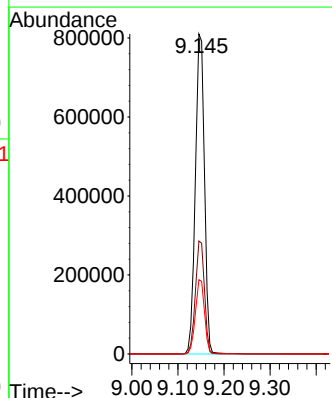
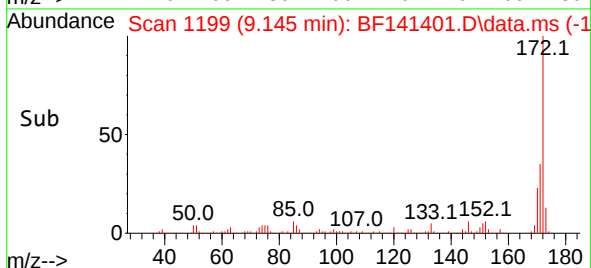
Tgt Ion:330 Resp: 245592
Ion Ratio Lower Upper
330 100
332 96.2 76.1 114.1
141 36.9 28.8 43.2

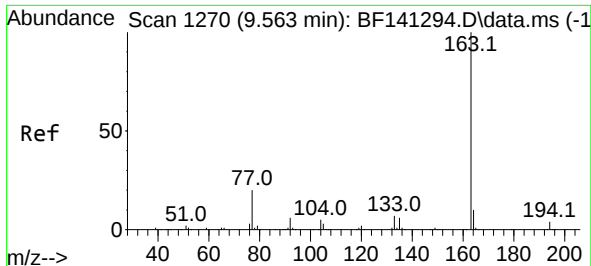


#45
2-Fluorobiphenyl
Concen: 95.263 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF141401.D
Acq: 04 Feb 2025 12:02



Tgt Ion:172 Resp: 1109712
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.2 19.0 28.6

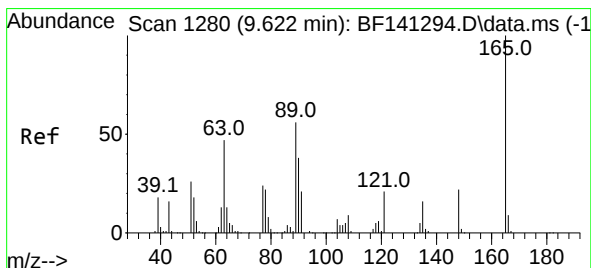
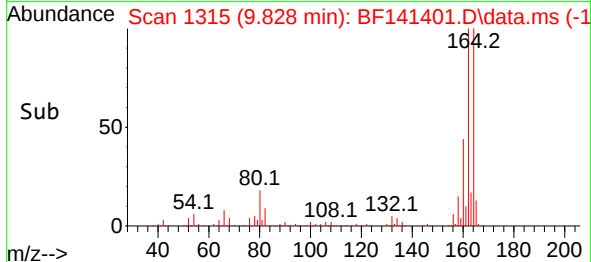
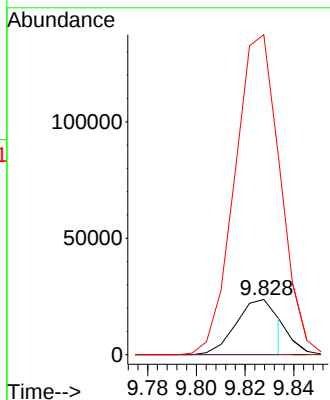
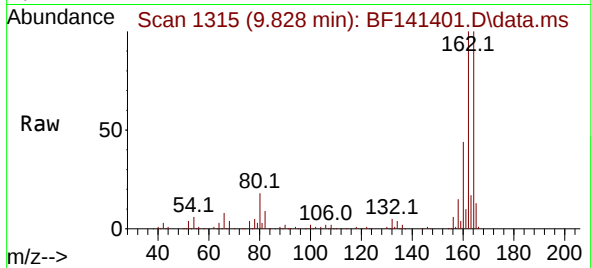




#50
Dimethylphthalate
Concen: 2.320 ng
RT: 9.828 min Scan# 1315
Delta R.T. 0.259 min
Lab File: BF141401.D
Acq: 04 Feb 2025 12:02

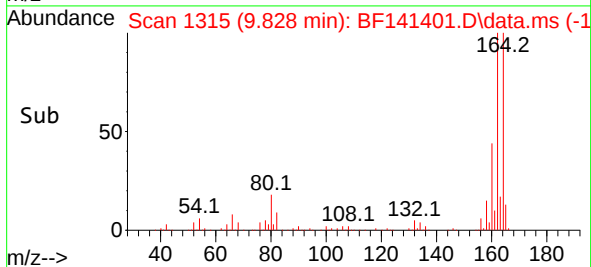
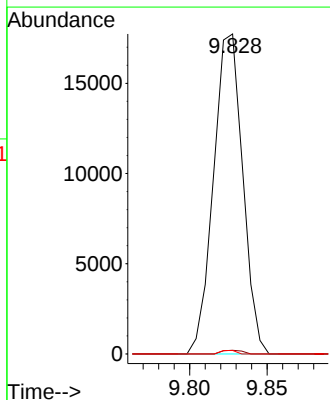
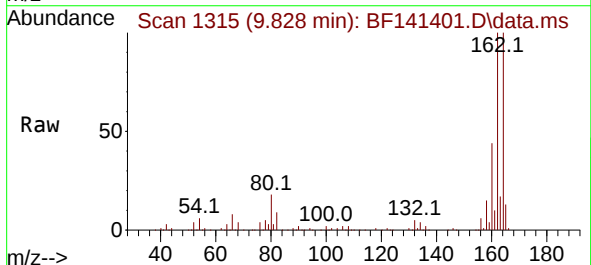
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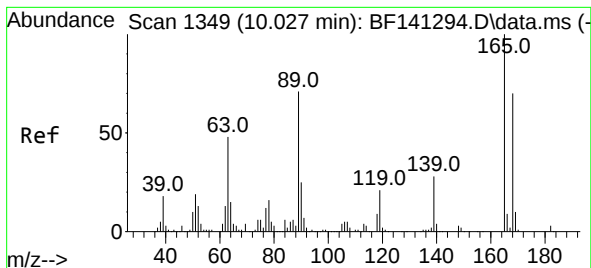
Tgt Ion:163 Resp: 28090
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 578.9 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.266 ng
RT: 9.828 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF141401.D
Acq: 04 Feb 2025 12:02

Tgt Ion:165 Resp: 23242
Ion Ratio Lower Upper
165 100
63 1.2 48.1 72.1#
89 1.1 44.9 67.3#

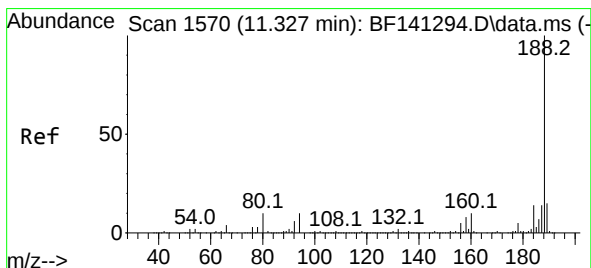
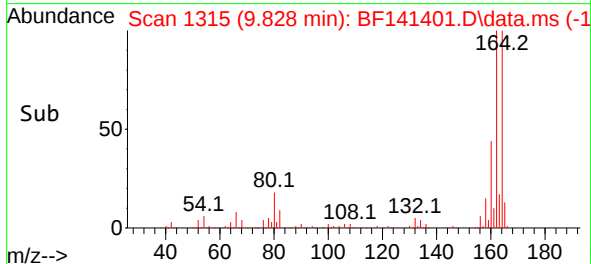
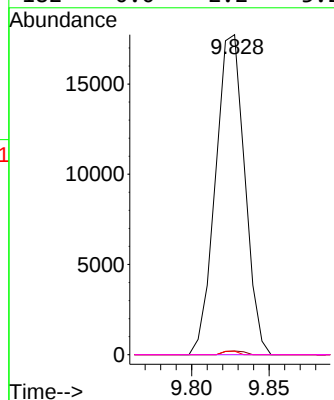
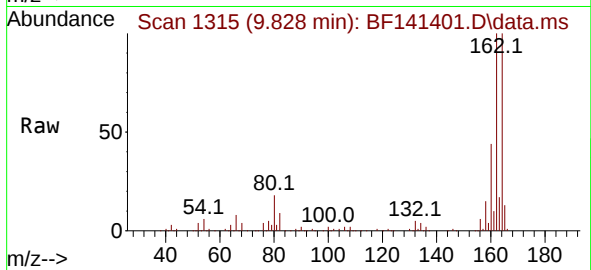




#57
2,4-Dinitrotoluene
Concen: 6.384 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141401.D
Acq: 04 Feb 2025 12:02

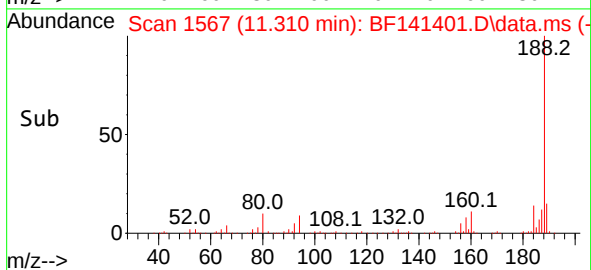
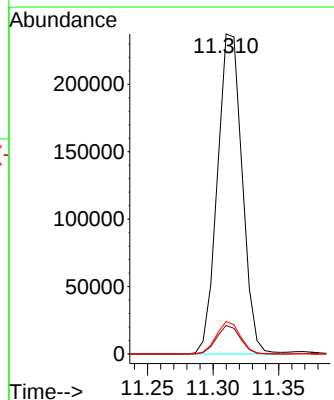
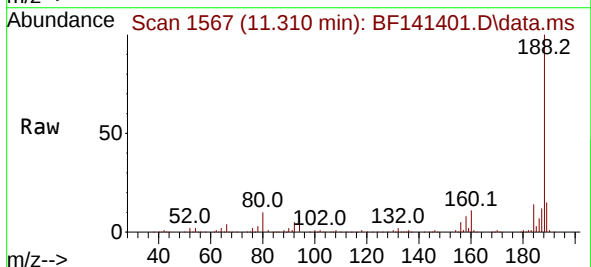
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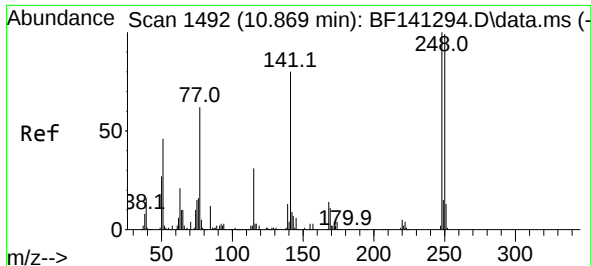
Tgt Ion:165 Resp: 23242
Ion Ratio Lower Upper
165 100
63 1.2 39.2 58.8#
89 1.1 56.9 85.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.018 min
Lab File: BF141401.D
Acq: 04 Feb 2025 12:02

Tgt Ion:188 Resp: 311828
Ion Ratio Lower Upper
188 100
94 8.9 7.8 11.6
80 10.2 8.2 12.4

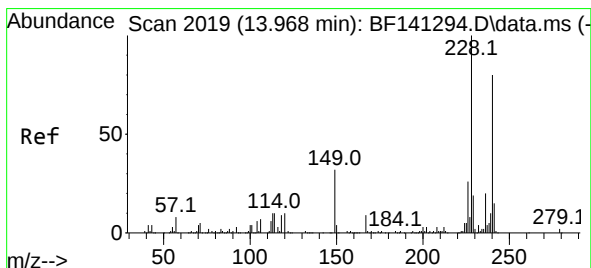
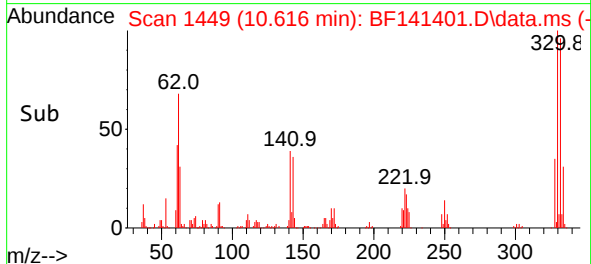
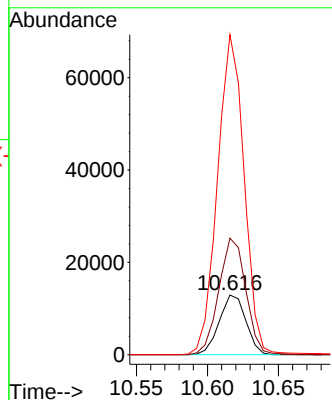
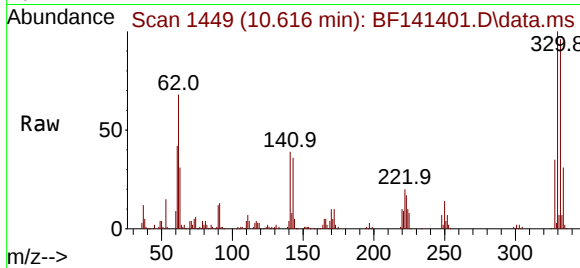




#67
4-Bromophenyl-phenylether
Concen: 4.824 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF141401.D
Acq: 04 Feb 2025 12:02

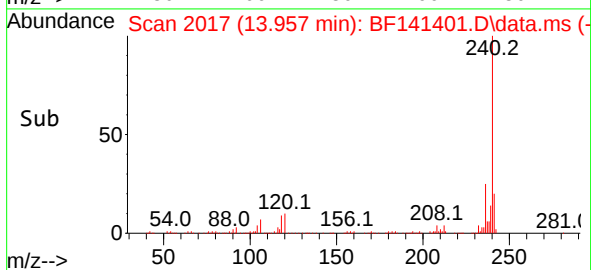
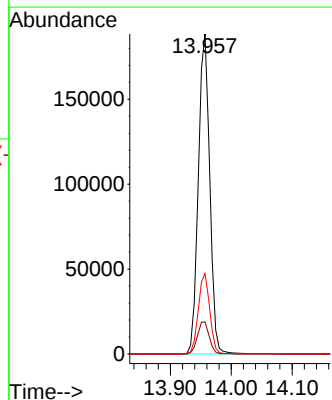
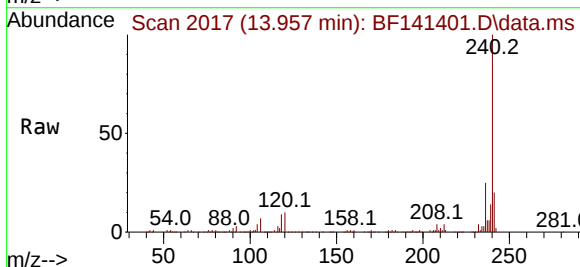
Instrument :
BNA_F
ClientSampleId :
PB166423TB

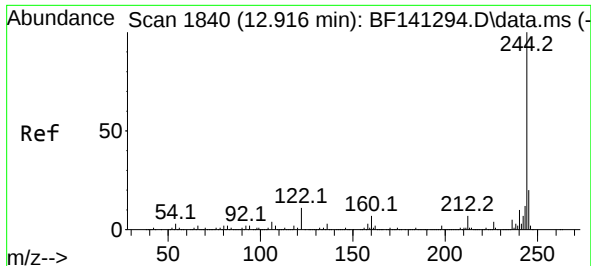
Tgt Ion:248 Resp: 16839
Ion Ratio Lower Upper
248 100
250 195.2 79.0 118.4#
141 536.6 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141401.D
Acq: 04 Feb 2025 12:02

Tgt Ion:240 Resp: 245488
Ion Ratio Lower Upper
240 100
120 10.0 10.0 15.0
236 25.1 19.7 29.5

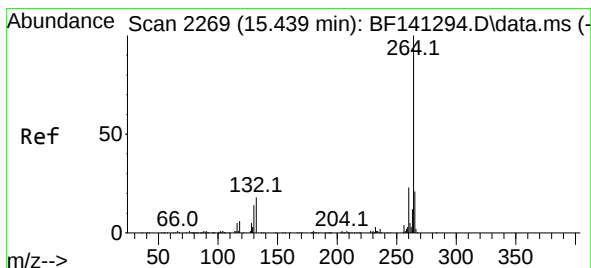
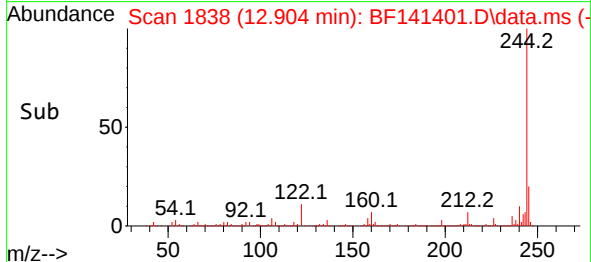
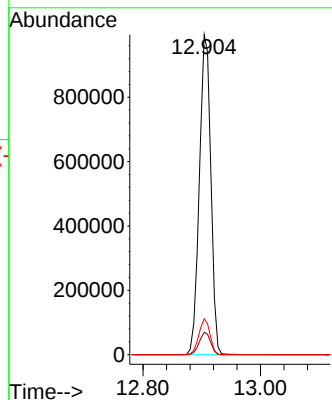
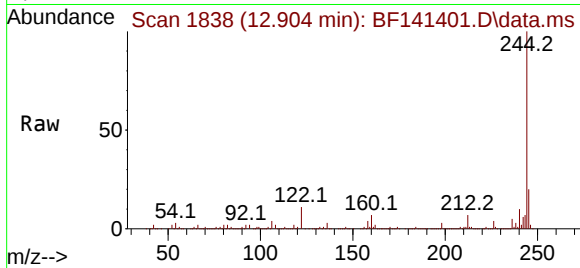




#79
 Terphenyl-d14
 Concen: 84.386 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141401.D
 Acq: 04 Feb 2025 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB166423TB

Tgt Ion:244 Resp: 1343273
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2264
 Delta R.T. -0.029 min
 Lab File: BF141401.D
 Acq: 04 Feb 2025 12:02

Tgt Ion:264 Resp: 193327
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.6 27.8
 265 21.4 16.7 25.1

