

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030525\
 Data File : BN036525.D
 Acq On : 05 Mar 2025 15:42
 Operator : RC/JU
 Sample : PB166992BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB166992BL

Quant Time: Mar 05 16:09:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 16:08:57 2025
 Response via : Initial Calibration

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

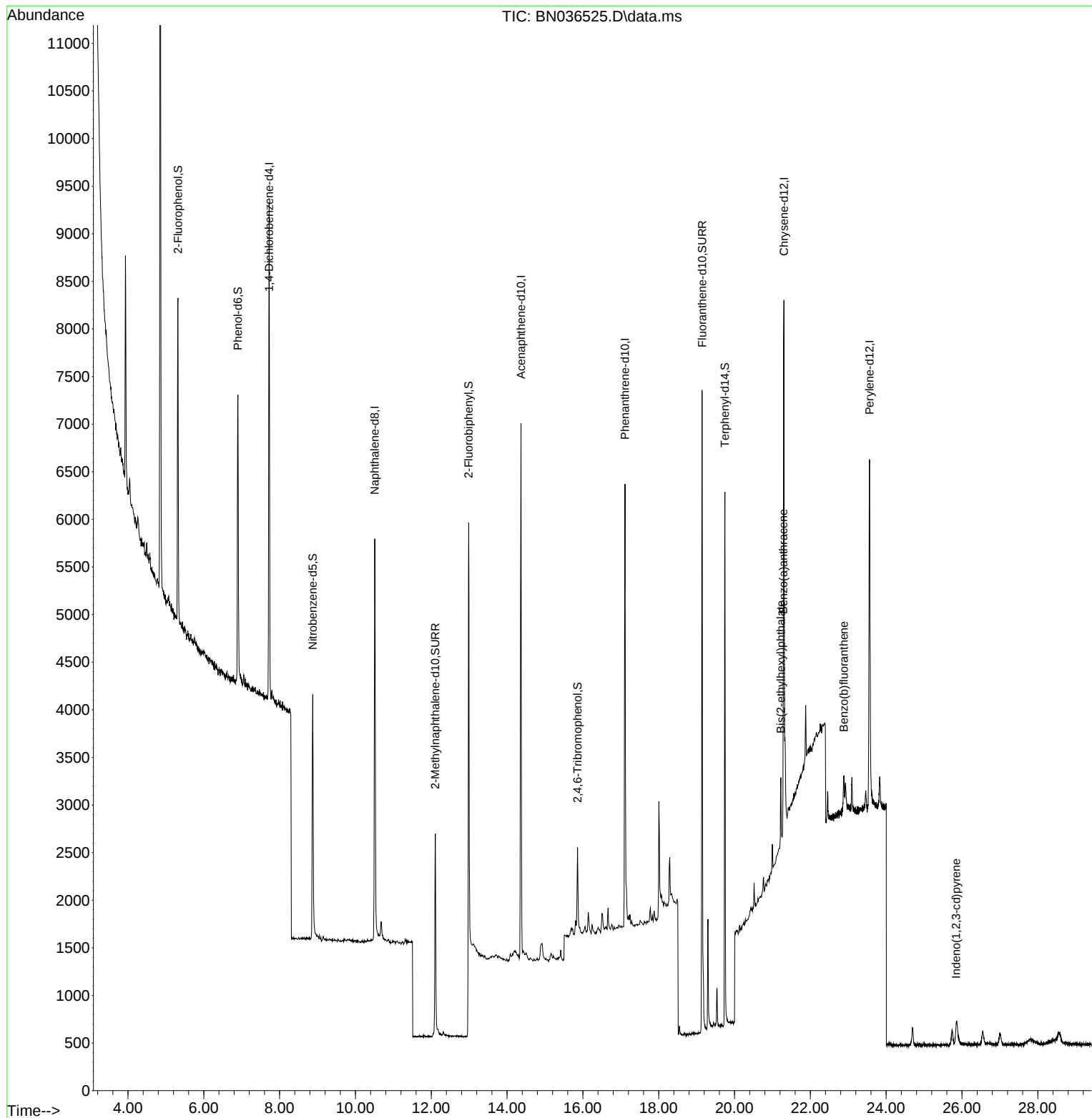
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2434	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5613	0.400	ng	0.00
13) Acenaphthene-d10	14.366	164	3101	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	6620	0.400	ng	0.00
29) Chrysene-d12	21.304	240	5887	0.400	ng	# 0.00
35) Perylene-d12	23.560	264	5416	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	2433	0.423	ng	0.00
5) Phenol-d6	6.901	99	2765	0.410	ng	0.00
8) Nitrobenzene-d5	8.875	82	2300	0.415	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	3206	0.372	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	535	0.348	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	7446	0.639	ng	0.00
27) Fluoranthene-d10	19.146	212	7538	0.409	ng	0.00
31) Terphenyl-d14	19.745	244	5400	0.430	ng	0.00
Target Compounds						
32) Benzo(a)anthracene	21.286	228	412	0.021	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.223	149	741	0.061	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.847	276	454	0.024	ng	# 67
37) Benzo(b)fluoranthene	22.885	252	470	0.026	ng	# 1

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

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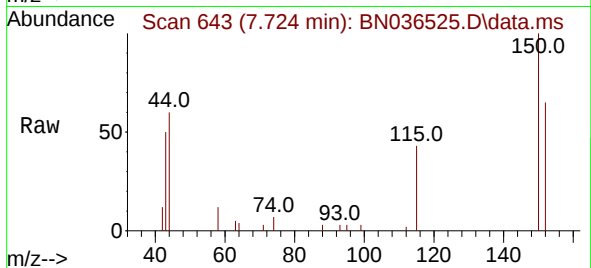
Quant Time: Mar 05 16:09:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 16:08:57 2025
Response via : Initial Calibration



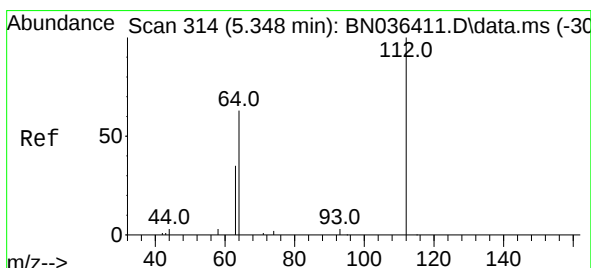
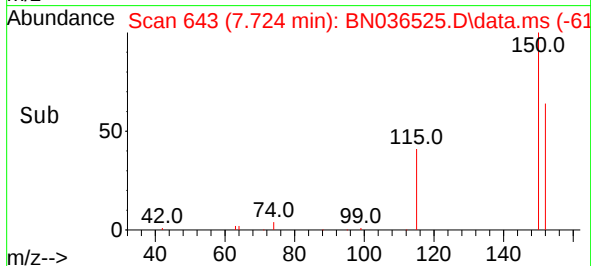
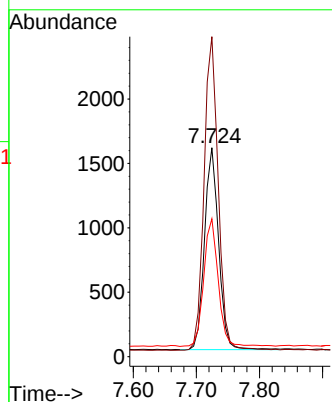


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. -0.008 min
Lab File: BN036525.D
Acq: 05 Mar 2025 15:42

Instrument :
BNA_N
ClientSampleId :
PB166992BL

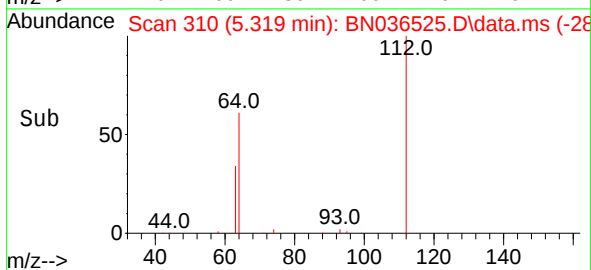
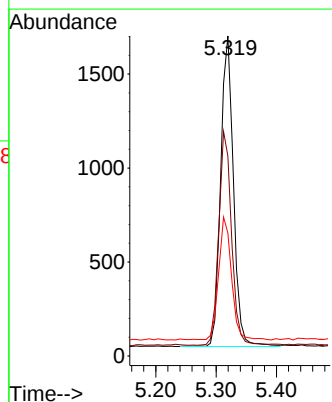
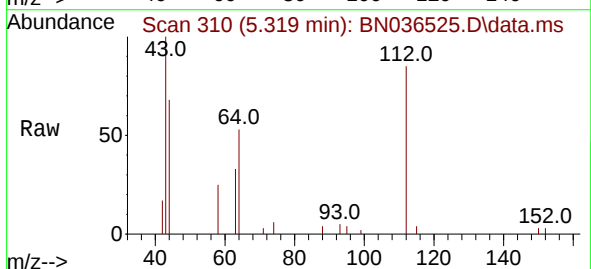


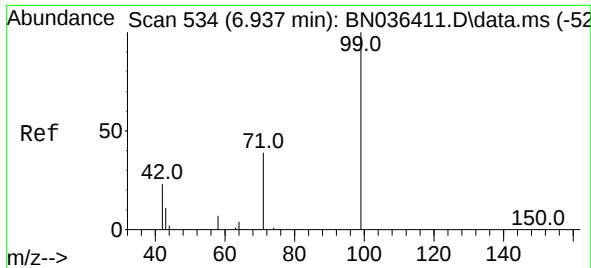
Tgt Ion:152 Resp: 2434
Ion Ratio Lower Upper
152 100
150 153.1 123.7 185.5
115 66.0 52.5 78.7



#4
2-Fluorophenol
Concen: 0.423 ng
RT: 5.319 min Scan# 310
Delta R.T. 0.000 min
Lab File: BN036525.D
Acq: 05 Mar 2025 15:42

Tgt Ion:112 Resp: 2433
Ion Ratio Lower Upper
112 100
64 69.1 53.4 80.0
63 39.8 30.3 45.5

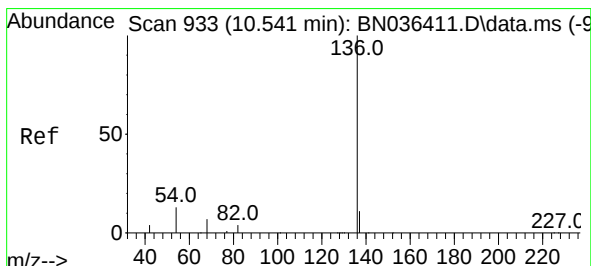
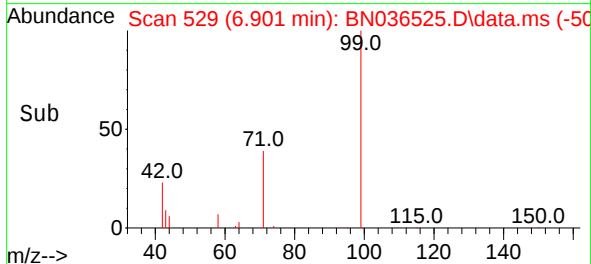
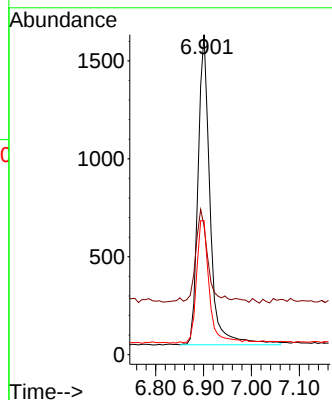
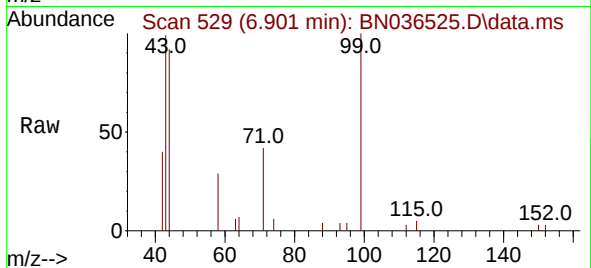




#5
Phenol-d6
Concen: 0.410 ng
RT: 6.901 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN036525.D
Acq: 05 Mar 2025 15:42

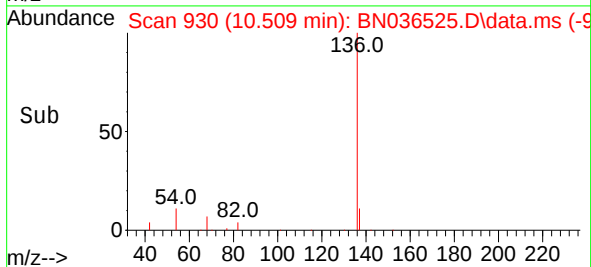
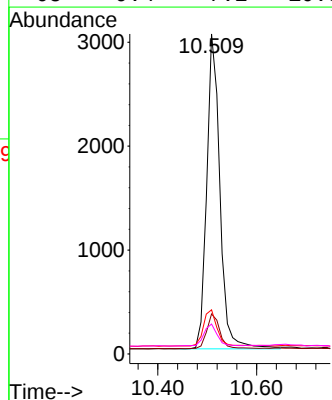
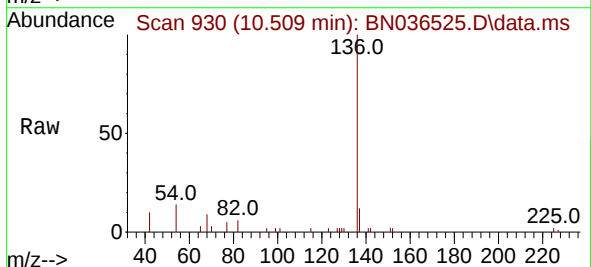
Instrument :
BNA_N
ClientSampleId :
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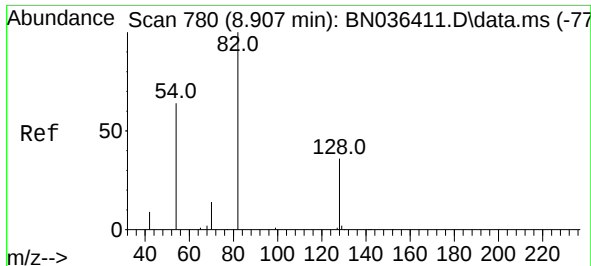
Tgt Ion: 99 Resp: 2765
Ion Ratio Lower Upper
99 100
42 28.4 21.7 32.5
71 41.1 32.6 49.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN036525.D
Acq: 05 Mar 2025 15:42

Tgt Ion: 136 Resp: 5613
Ion Ratio Lower Upper
136 100
137 12.5 10.1 15.1
54 13.8 11.8 17.6
68 9.4 7.2 10.8

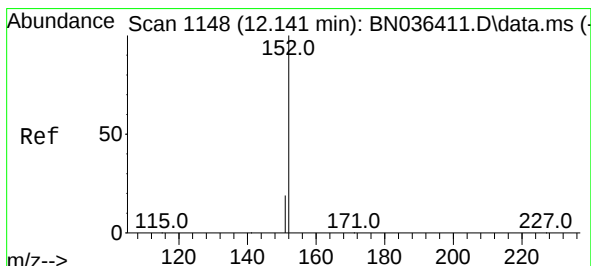
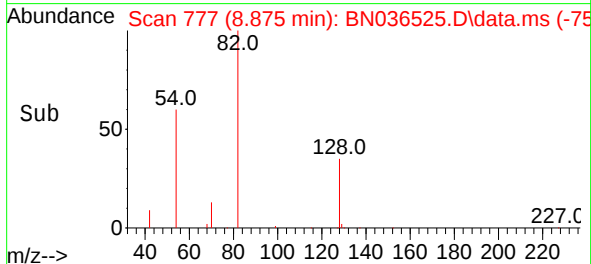
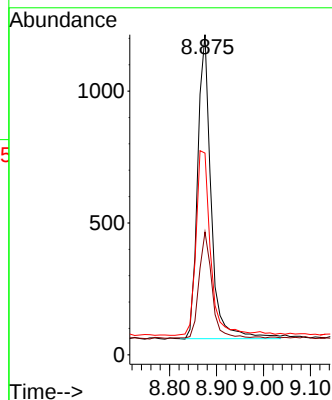
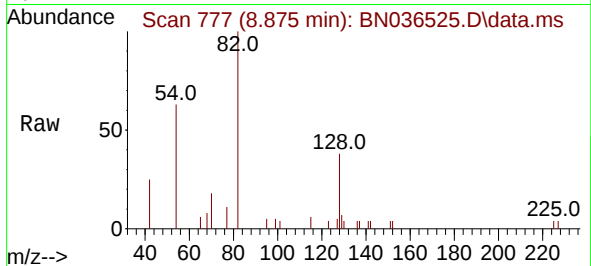




#8
 Nitrobenzene-d5
 Concen: 0.415 ng
 RT: 8.875 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN036525.D
 Acq: 05 Mar 2025 15:42

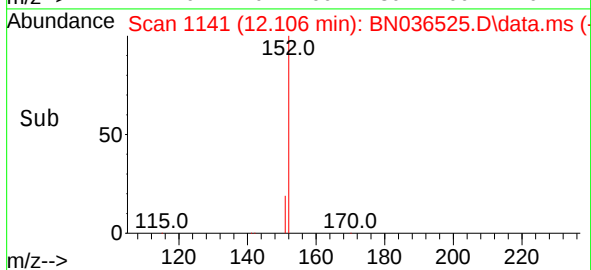
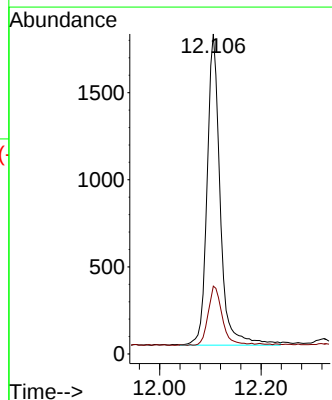
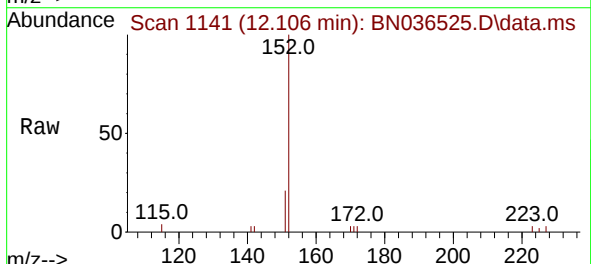
Instrument :
 BNA_N
 ClientSampleId :
 PB166992BL

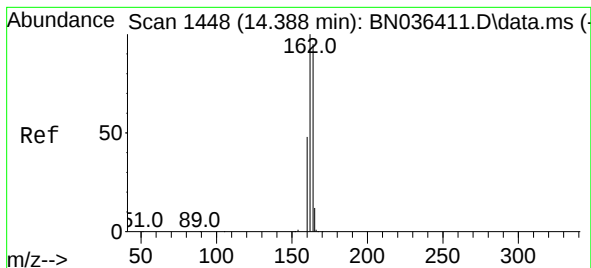
Tgt Ion: 82 Resp: 2300
 Ion Ratio Lower Upper
 82 100
 128 38.4 31.9 47.9
 54 63.0 53.1 79.7



#11
 2-Methylnaphthalene-d10
 Concen: 0.372 ng
 RT: 12.106 min Scan# 1141
 Delta R.T. 0.000 min
 Lab File: BN036525.D
 Acq: 05 Mar 2025 15:42

Tgt Ion:152 Resp: 3206
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.366 min Scan# 1446

Delta R.T. -0.000 min

Lab File: BN036525.D

Acq: 05 Mar 2025 15:42

Instrument :

BNA_N

ClientSampleId :

PB166992BL

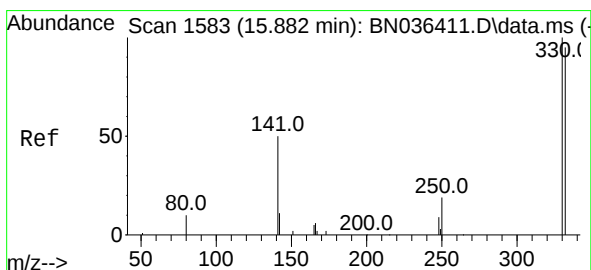
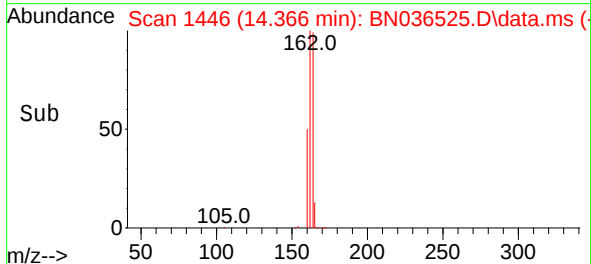
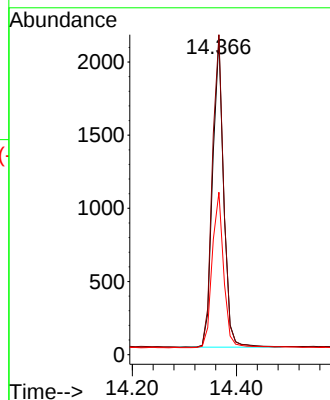
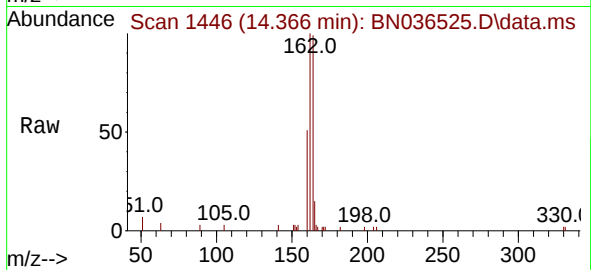
Tgt Ion:164 Resp: 3101

Ion Ratio Lower Upper

164 100

162 101.3 84.1 126.1

160 51.4 41.4 62.0



#14

2,4,6-Tribromophenol

Concen: 0.348 ng

RT: 15.858 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BN036525.D

Acq: 05 Mar 2025 15:42

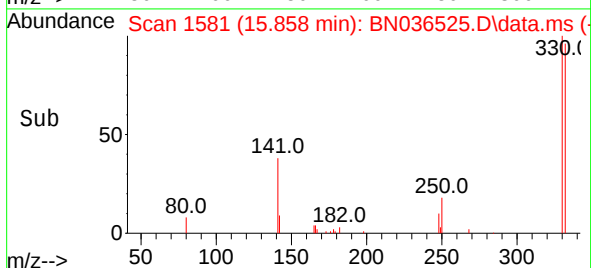
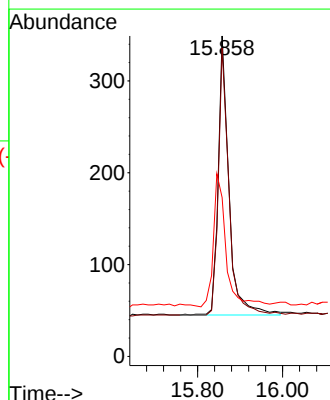
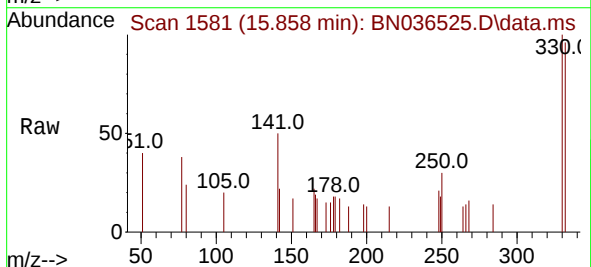
Tgt Ion:330 Resp: 535

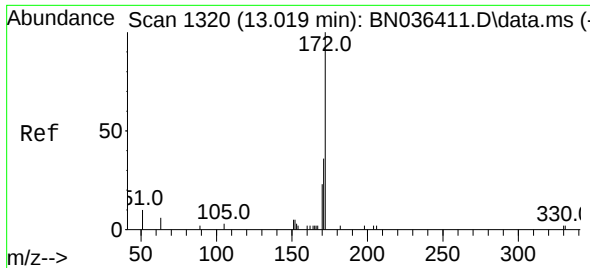
Ion Ratio Lower Upper

330 100

332 94.4 76.6 114.8

141 55.9 37.8 56.8





#15

2-Fluorobiphenyl

Concen: 0.639 ng

RT: 12.988 min Scan# 1315

Delta R.T. 0.000 min

Lab File: BN036525.D

Acq: 05 Mar 2025 15:42

Instrument :

BNA_N

ClientSampleId :

PB166992BL

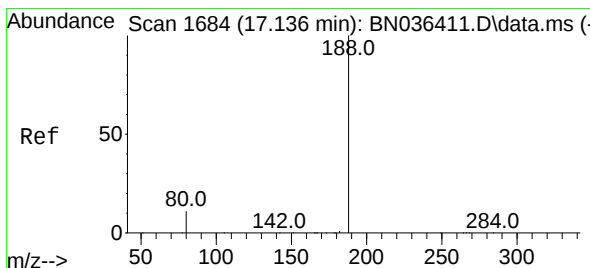
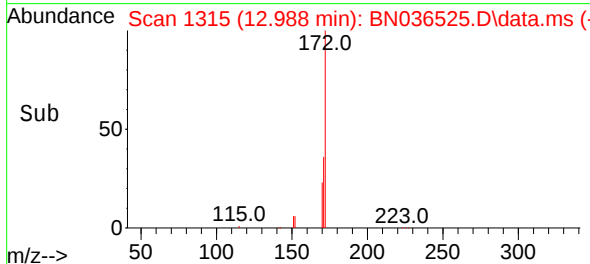
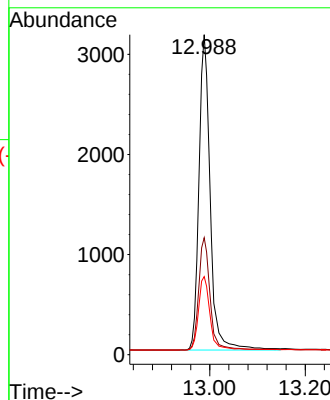
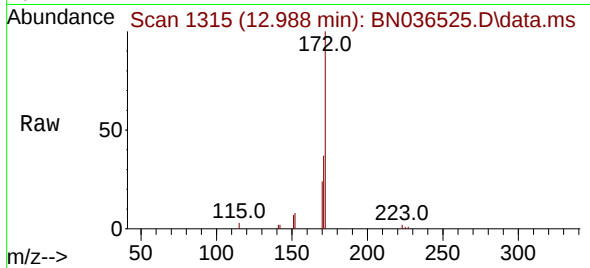
Tgt Ion:172 Resp: 7446

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

170 24.4 19.8 29.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.111 min Scan# 1682

Delta R.T. 0.000 min

Lab File: BN036525.D

Acq: 05 Mar 2025 15:42

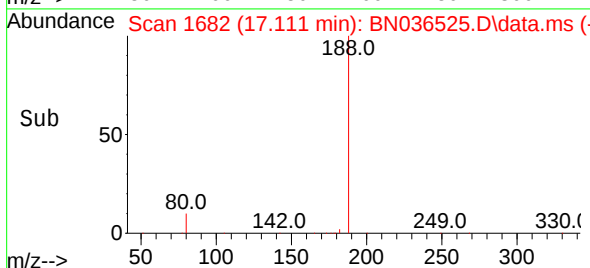
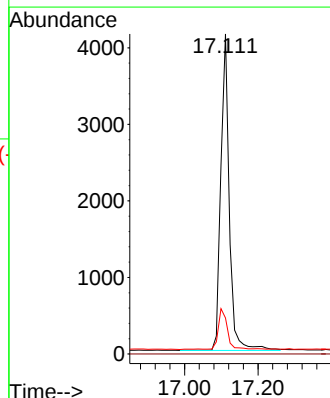
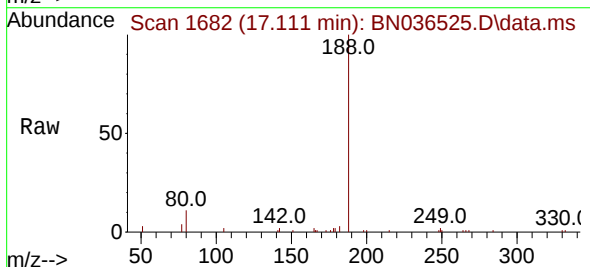
Tgt Ion:188 Resp: 6620

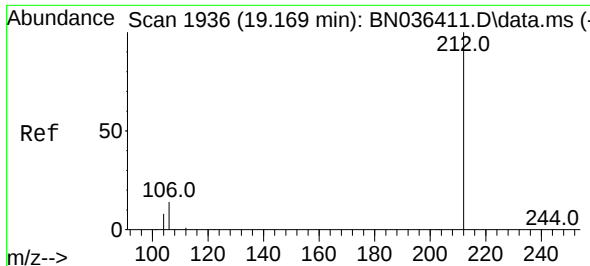
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.3 9.8 14.6

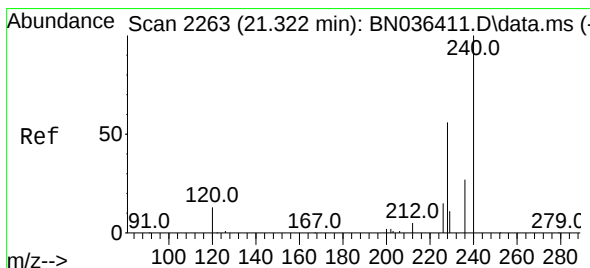
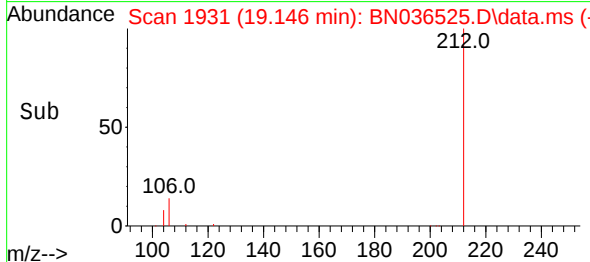
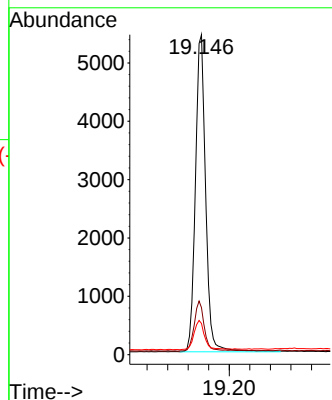
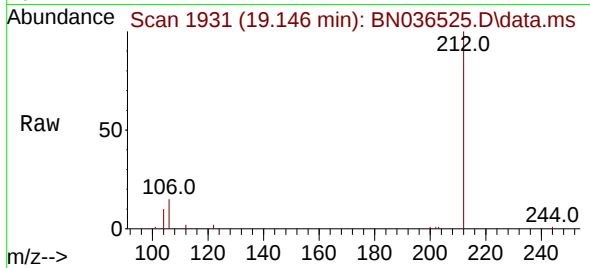




#27
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.146 min Scan# 1931
Delta R.T. 0.005 min
Lab File: BN036525.D
Acq: 05 Mar 2025 15:42

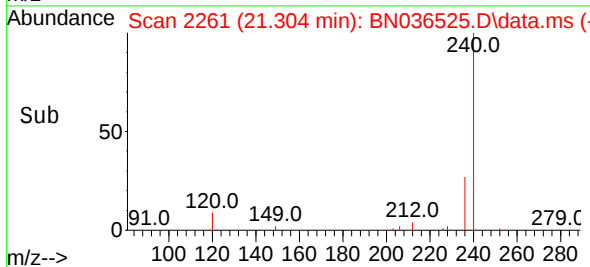
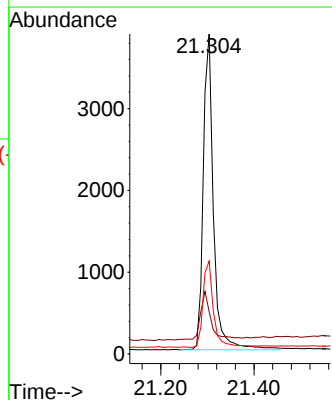
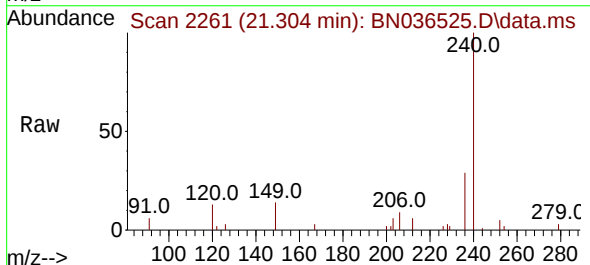
Instrument :
BNA_N
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PB166992BL

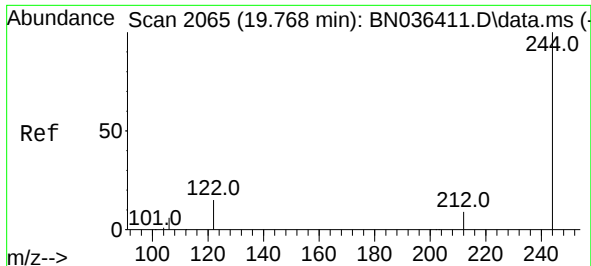
Tgt Ion:212 Resp: 7538
Ion Ratio Lower Upper
212 100
106 15.7 11.5 17.3
104 9.7 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 2261
Delta R.T. 0.009 min
Lab File: BN036525.D
Acq: 05 Mar 2025 15:42

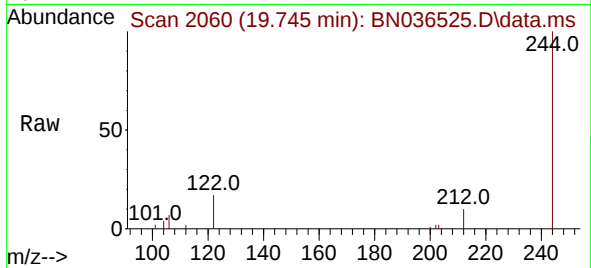
Tgt Ion:240 Resp: 5887
Ion Ratio Lower Upper
240 100
120 13.2 13.3 19.9#
236 29.1 23.0 34.6



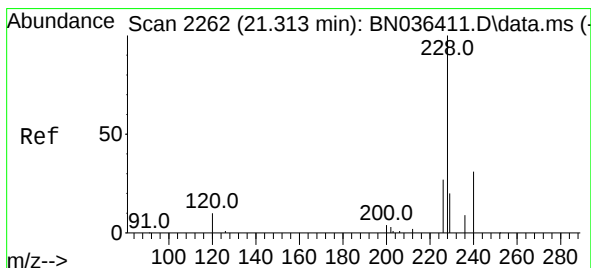
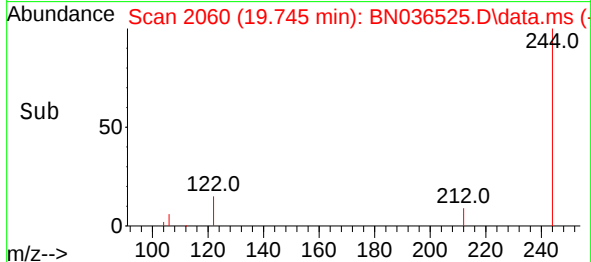
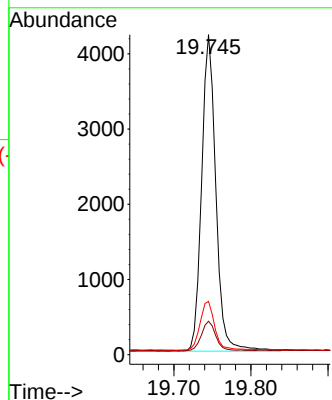


#31
 Terphenyl-d14
 Concen: 0.430 ng
 RT: 19.745 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: BN036525.D
 Acq: 05 Mar 2025 15:42

Instrument :
 BNA_N
 ClientSampleId :
 PB166992BL

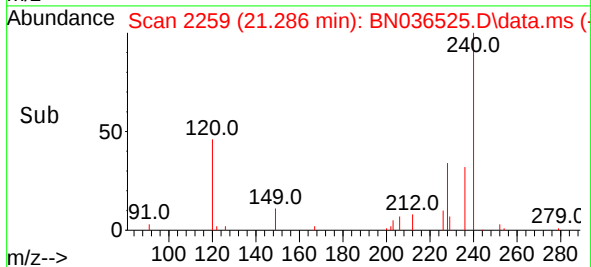
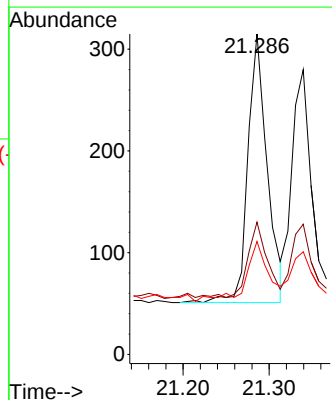
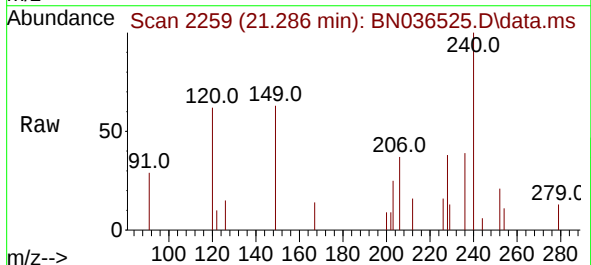


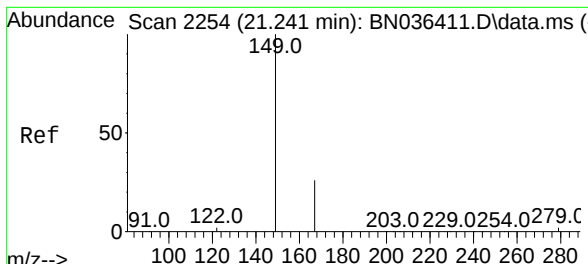
Tgt Ion:244 Resp: 5400
 Ion Ratio Lower Upper
 244 100
 212 10.4 8.1 12.1
 122 16.6 12.8 19.2



#32
 Benzo(a)anthracene
 Concen: 0.021 ng
 RT: 21.286 min Scan# 2259
 Delta R.T. 0.009 min
 Lab File: BN036525.D
 Acq: 05 Mar 2025 15:42

Tgt Ion:228 Resp: 412
 Ion Ratio Lower Upper
 228 100
 226 41.3 22.2 33.2#
 229 35.2 16.5 24.7#

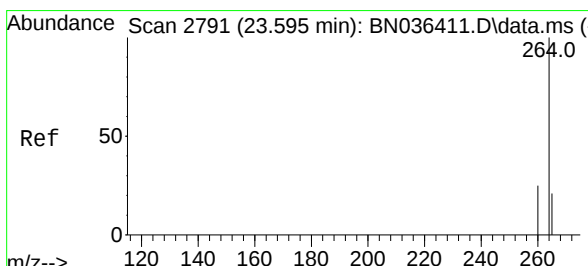
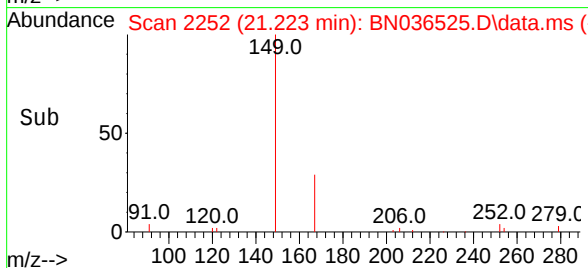
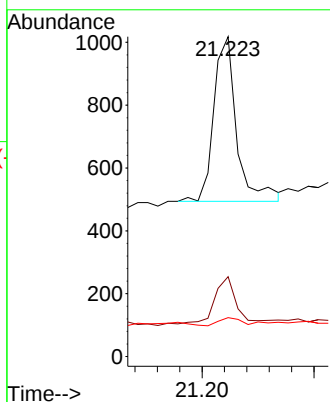
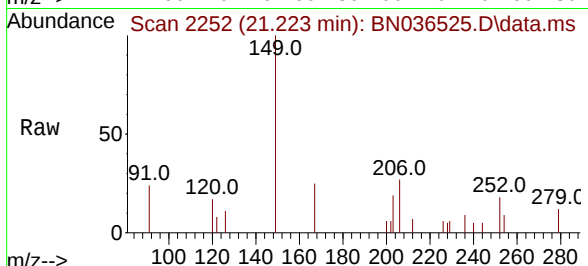




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.061 ng
 RT: 21.223 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: BN036525.D
 Acq: 05 Mar 2025 15:42

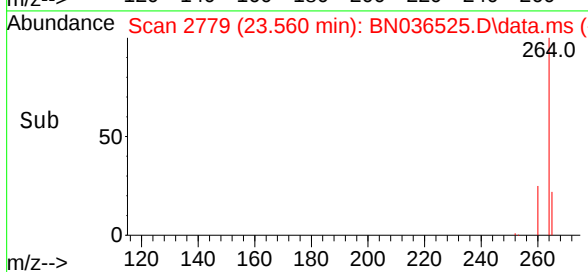
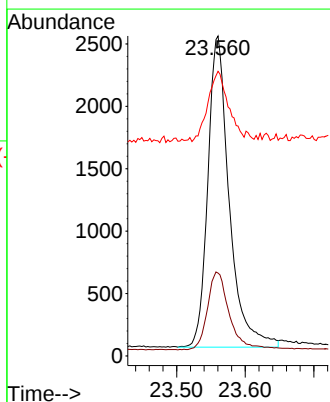
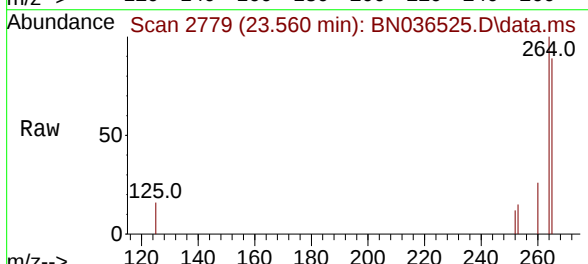
Instrument :
 BNA_N
 ClientSampleId :
 PB166992BL

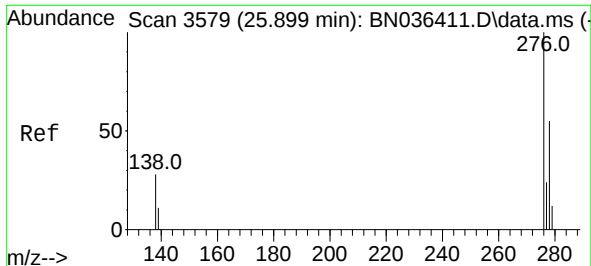
Tgt Ion:	149	Resp:	741
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.2	31.8
279	6.2	2.7	4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.560 min Scan# 2779
 Delta R.T. 0.009 min
 Lab File: BN036525.D
 Acq: 05 Mar 2025 15:42

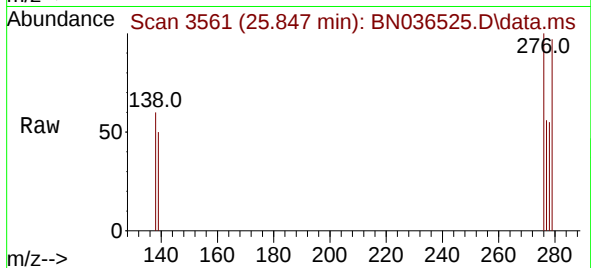
Tgt Ion:	264	Resp:	5416
Ion Ratio	Lower	Upper	
264	100		
260	25.9	20.9	31.3
265	89.0	60.7	91.1



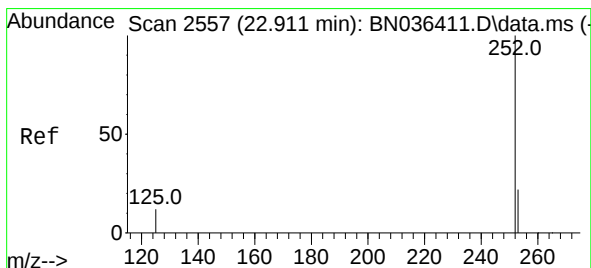
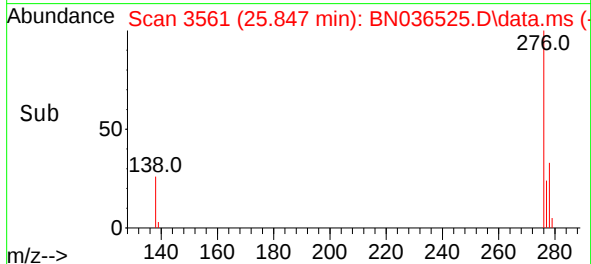
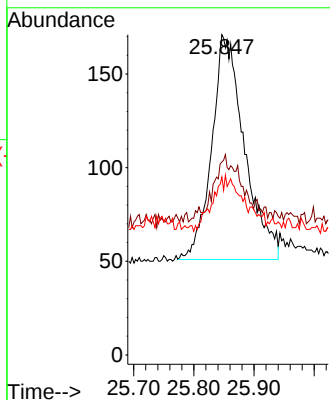


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng
RT: 25.847 min Scan# 3561
Delta R.T. 0.009 min
Lab File: BN036525.D
Acq: 05 Mar 2025 15:42

Instrument :
BNA_N
ClientSampleId :
PB166992BL



Tgt Ion:276 Resp: 454
Ion Ratio Lower Upper
276 100
138 9.7 22.2 33.2#
277 9.0 19.8 29.6#



#37
Benzo(b)fluoranthene
Concen: 0.026 ng
RT: 22.885 min Scan# 2548
Delta R.T. 0.012 min
Lab File: BN036525.D
Acq: 05 Mar 2025 15:42

Tgt Ion:252 Resp: 470
Ion Ratio Lower Upper
252 100
253 79.2 21.9 32.9#
125 83.2 15.0 22.6#

