

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031025\
 Data File : BN036570.D
 Acq On : 10 Mar 2025 20:14
 Operator : RC/JU
 Sample : Q1531-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20250306

Quant Time: Mar 11 00:53:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

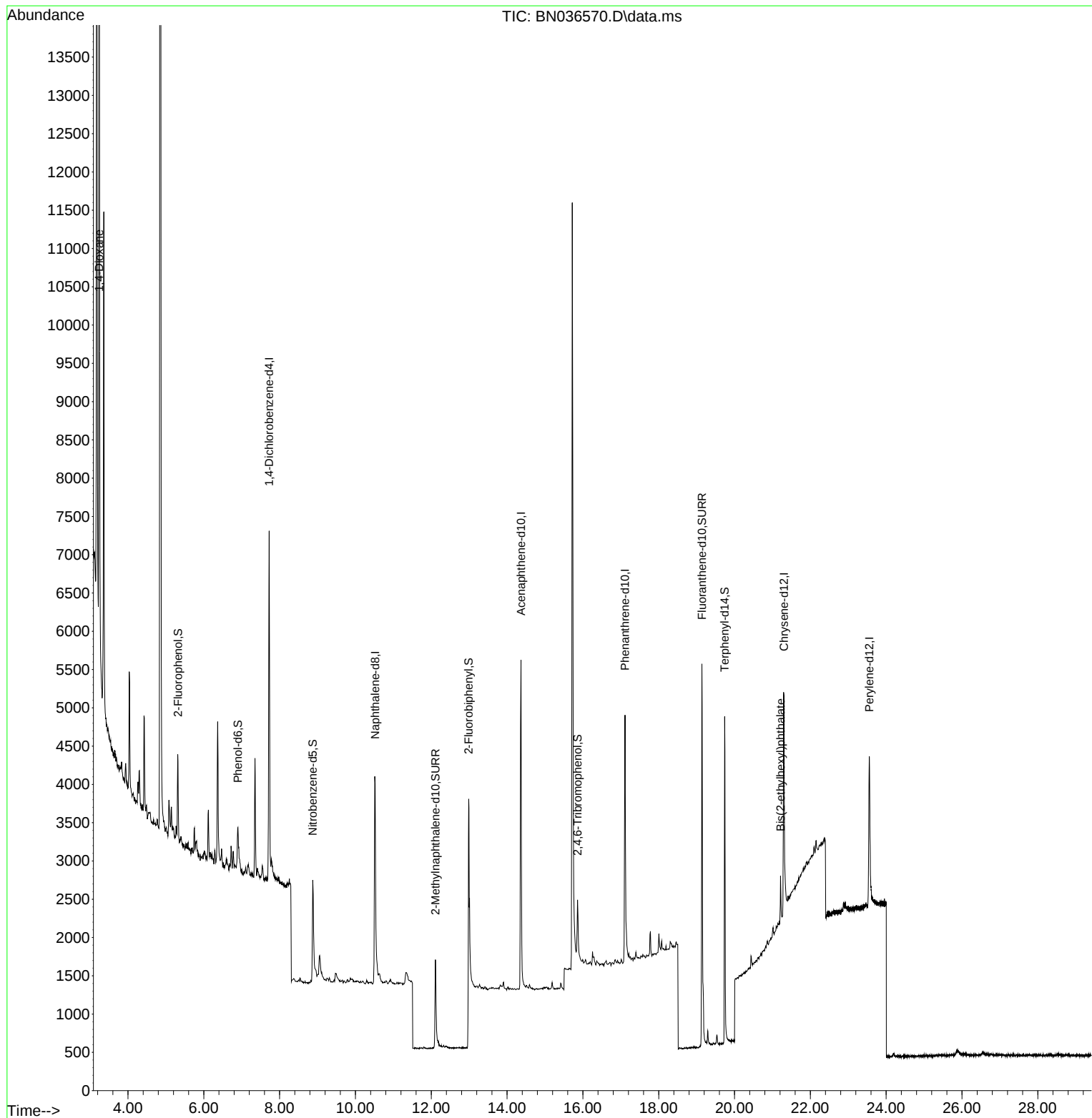
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2186	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	4775	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	2786	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5255	0.400	ng	# 0.00
29) Chrysene-d12	21.304	240	3738	0.400	ng	0.00
35) Perylene-d12	23.554	264	3210	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	816	0.160	ng	0.00
5) Phenol-d6	6.901	99	537	0.085	ng	0.00
8) Nitrobenzene-d5	8.875	82	1559	0.300	ng	0.00
11) 2-Methylnaphthalene-d10	12.111	152	2206	0.311	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	530	0.419	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	5281	0.326	ng	0.00
27) Fluoranthene-d10	19.141	212	6016	0.447	ng	0.00
31) Terphenyl-d14	19.740	244	4398	0.491	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	7891	3.254	ng	96
34) Bis(2-ethylhexyl)phtha...	21.214	149	620	0.067	ng	# 96

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

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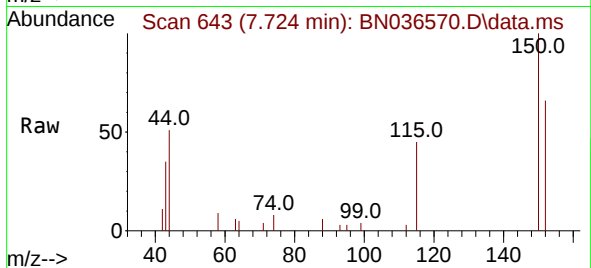
Quant Time: Mar 11 00:53:06 2025
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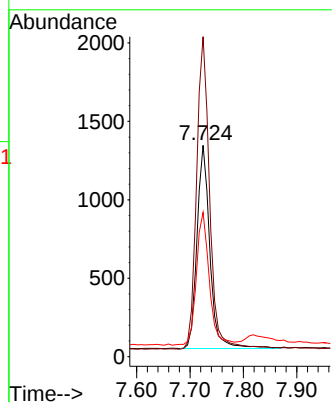
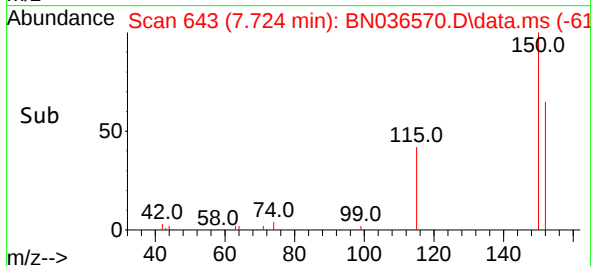


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036570.D
 Acq: 10 Mar 2025 20:14

Instrument :
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 RE108D1-20250306

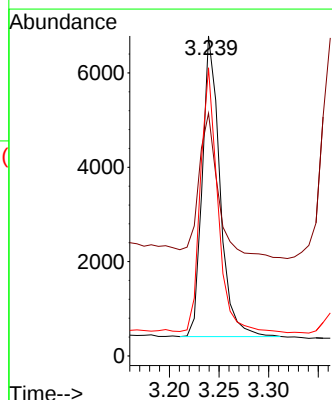
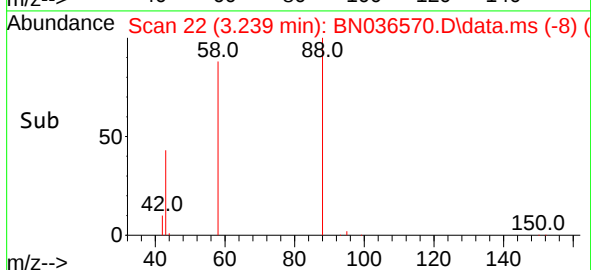
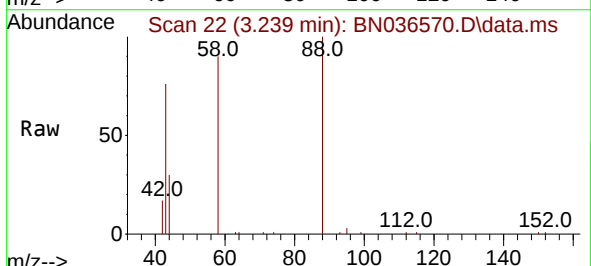


Tgt Ion:152 Resp: 2186
 Ion Ratio Lower Upper
 152 100
 150 151.3 123.7 185.5
 115 68.2 54.3 81.5



#2
 1,4-Dioxane
 Concen: 3.254 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036570.D
 Acq: 10 Mar 2025 20:14

Tgt Ion: 88 Resp: 7891
 Ion Ratio Lower Upper
 88 100
 43 52.3 37.8 56.8
 58 85.6 67.4 101.2

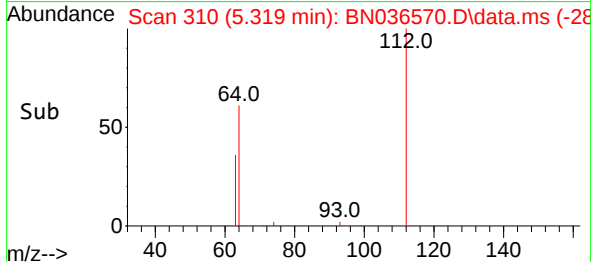
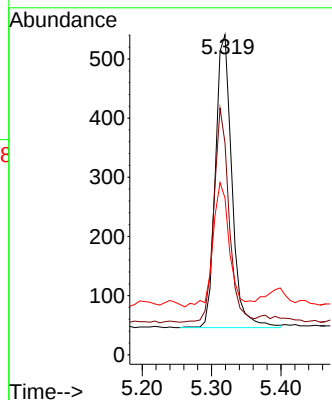
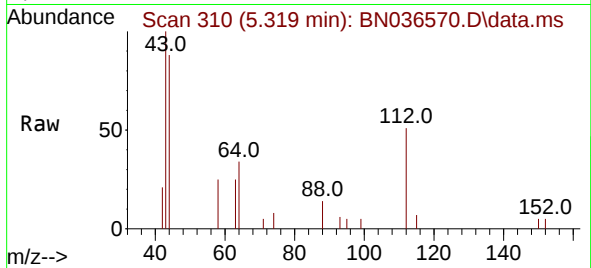




#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.319 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN036570.D
Acq: 10 Mar 2025 20:14

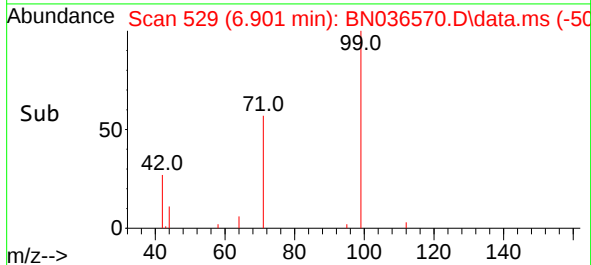
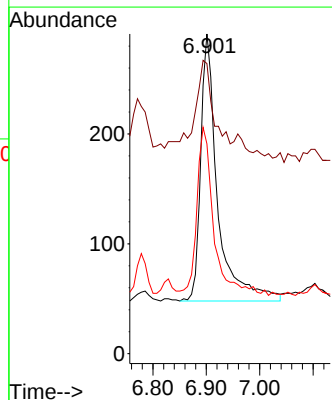
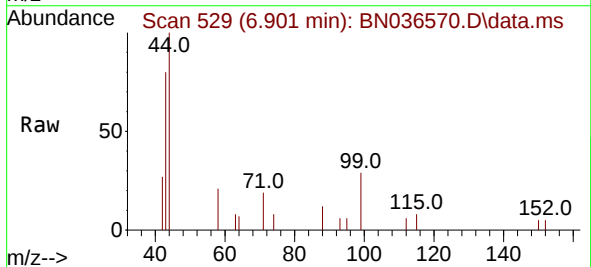
Instrument :
BNA_N
ClientSampleId :
RE108D1-20250306

Tgt Ion:112 Resp: 816
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 41.7 31.8 47.8



#5
Phenol-d6
Concen: 0.085 ng
RT: 6.901 min Scan# 529
Delta R.T. 0.000 min
Lab File: BN036570.D
Acq: 10 Mar 2025 20:14

Tgt Ion: 99 Resp: 537
Ion Ratio Lower Upper
99 100
42 33.9 26.5 39.7
71 60.9 34.1 51.1#

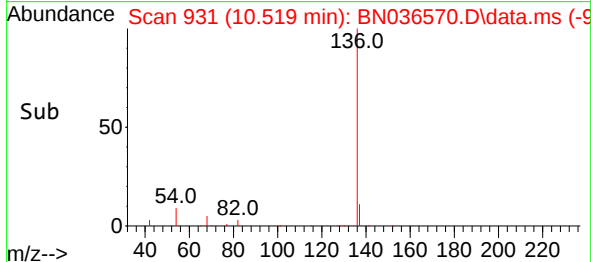
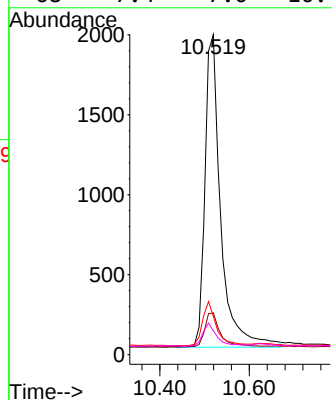
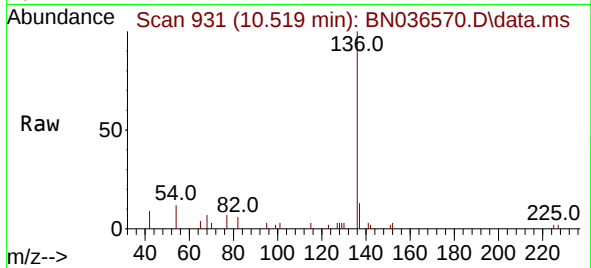




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN036570.D
Acq: 10 Mar 2025 20:14

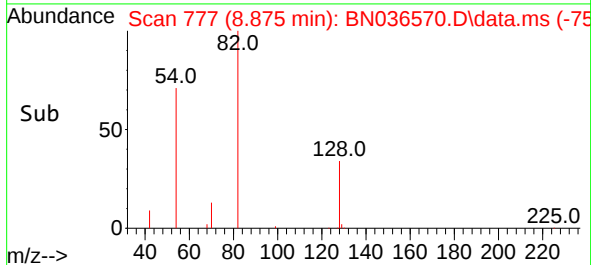
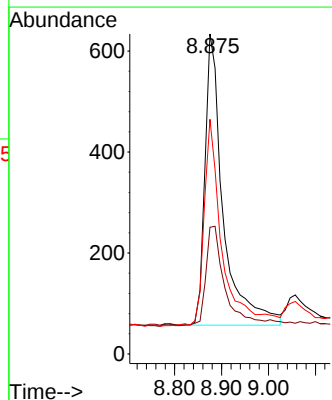
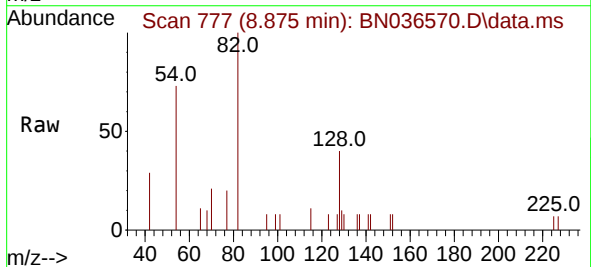
Instrument :
BNA_N
ClientSampleId :
RE108D1-20250306

Tgt Ion:136	Resp:	4775
Ion	Ratio	Lower Upper
136	100	
137	13.0	10.3 15.5
54	12.0	11.5 17.3
68	7.4	7.0 10.4



#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036570.D
Acq: 10 Mar 2025 20:14

Tgt Ion: 82	Resp:	1559
Ion	Ratio	Lower Upper
82	100	
128	39.6	30.6 45.8
54	73.3	52.2 78.4

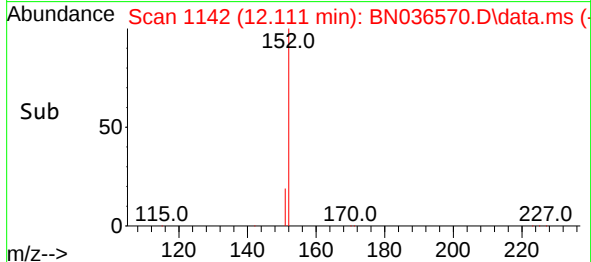
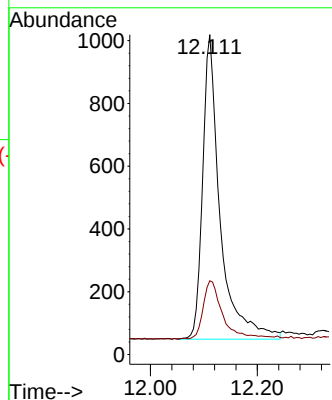
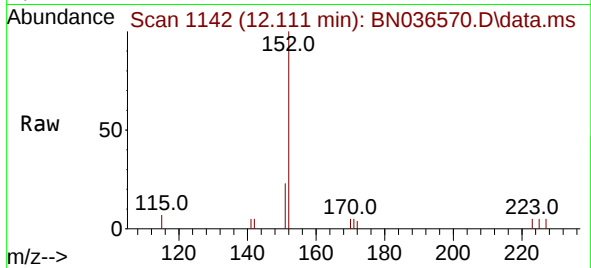




#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.111 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BN036570.D
Acq: 10 Mar 2025 20:14

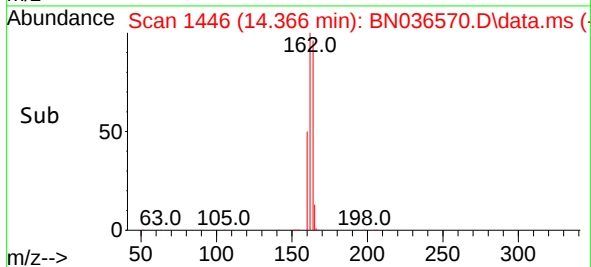
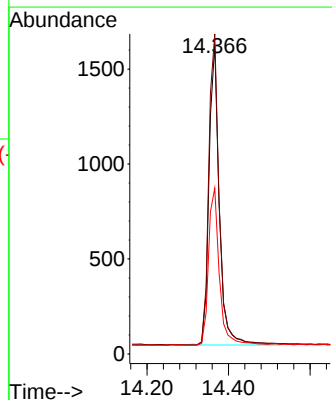
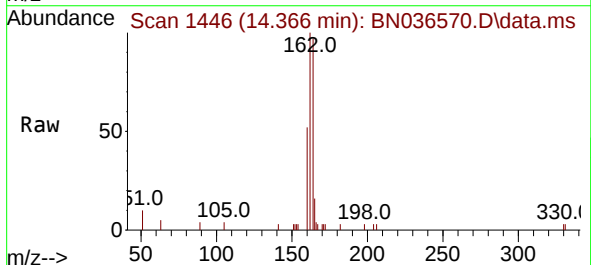
Instrument :
BNA_N
ClientSampleId :
RE108D1-20250306

Tgt Ion:152 Resp: 2206
Ion Ratio Lower Upper
152 100
151 21.8 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036570.D
Acq: 10 Mar 2025 20:14

Tgt Ion:164 Resp: 2786
Ion Ratio Lower Upper
164 100
162 103.4 84.2 126.2
160 53.6 42.2 63.2

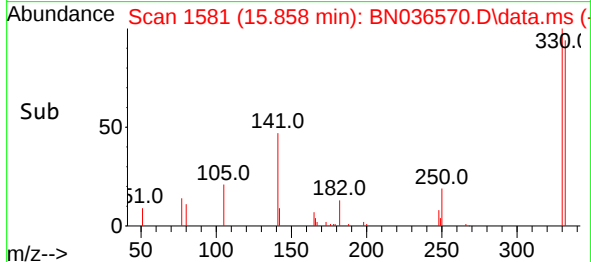
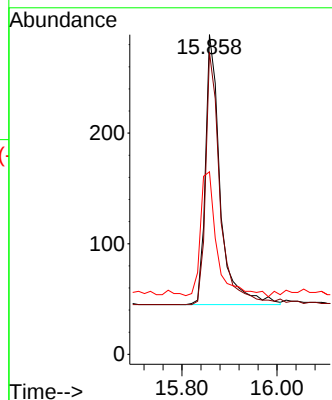
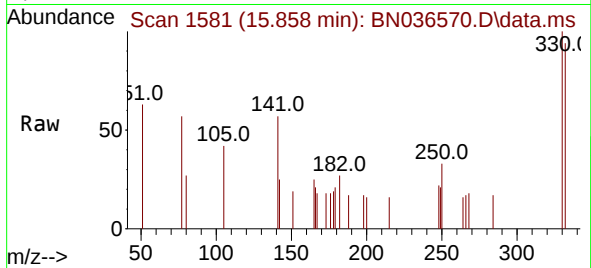




#14
2,4,6-Tribromophenol
Concen: 0.419 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036570.D
Acq: 10 Mar 2025 20:14

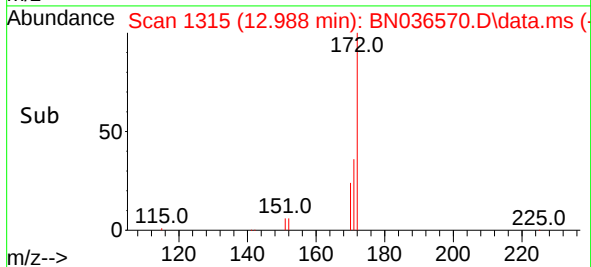
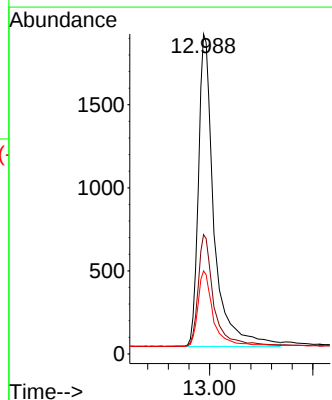
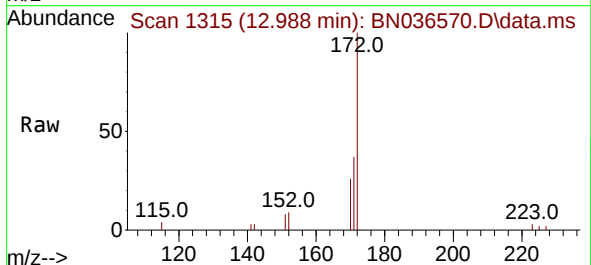
Instrument :
BNA_N
ClientSampleId :
RE108D1-20250306

Tgt Ion: 330 Resp: 530
Ion Ratio Lower Upper
330 100
332 91.1 75.2 112.8
141 52.1 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 12.988 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN036570.D
Acq: 10 Mar 2025 20:14

Tgt Ion: 172 Resp: 5281
Ion Ratio Lower Upper
172 100
171 37.3 29.5 44.3
170 26.0 20.2 30.4

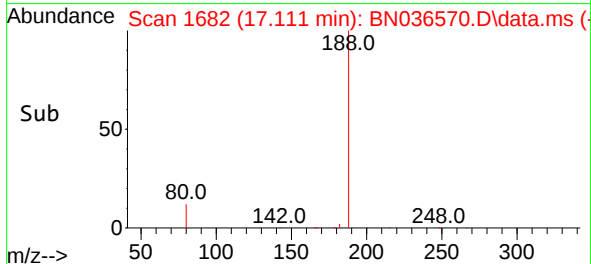
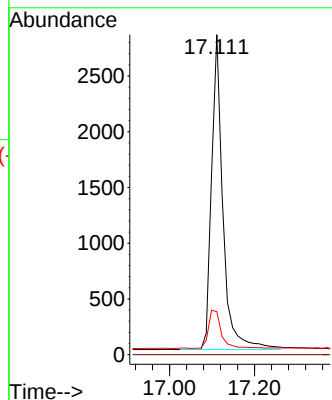
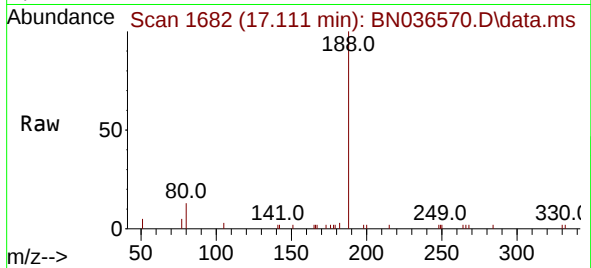




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN036570.D
Acq: 10 Mar 2025 20:14

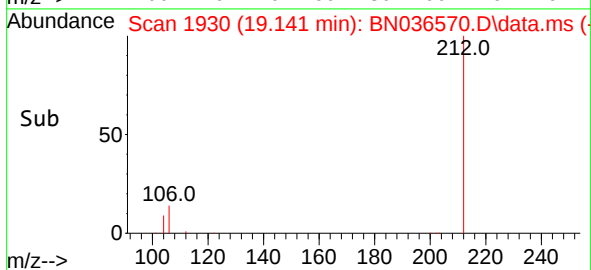
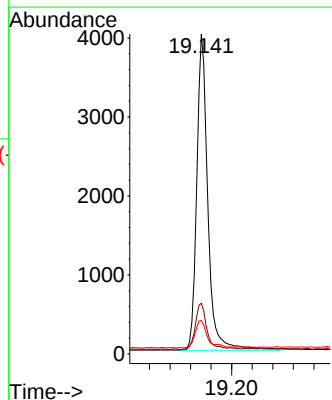
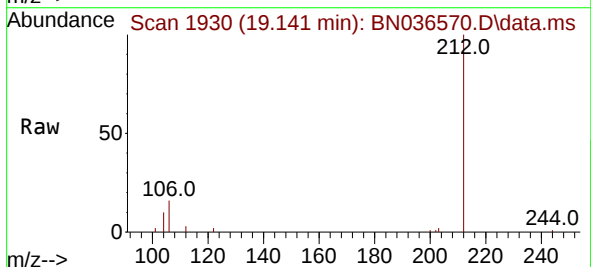
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ClientSampleId :
RE108D1-20250306

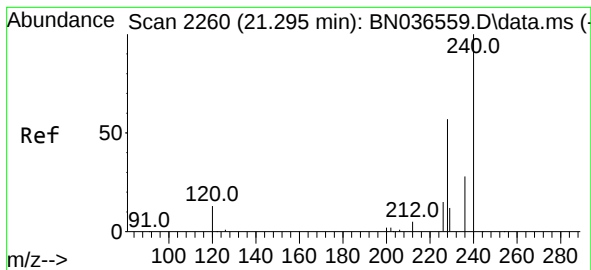
Tgt Ion:188 Resp: 5255
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 8.8 13.2#



#27
Fluoranthene-d10
Concen: 0.447 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036570.D
Acq: 10 Mar 2025 20:14

Tgt Ion:212 Resp: 6016
Ion Ratio Lower Upper
212 100
106 15.0 11.8 17.6
104 9.7 7.3 10.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.304 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN036570.D

Acq: 10 Mar 2025 20:14

Instrument :

BNA_N

ClientSampleId :

RE108D1-20250306

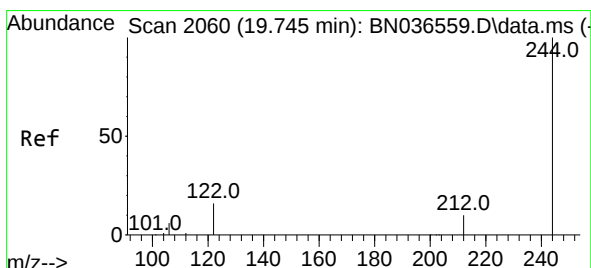
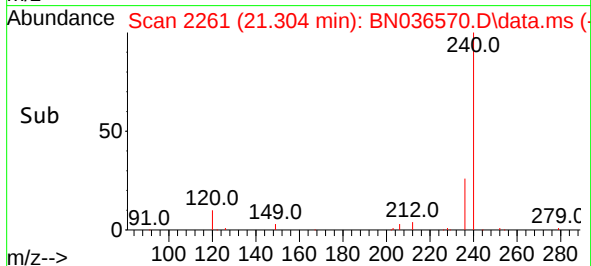
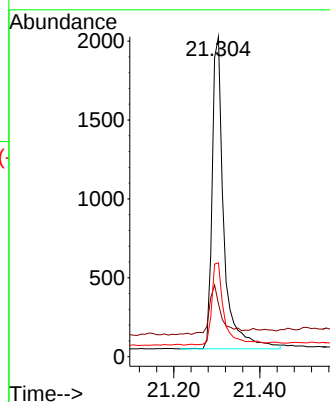
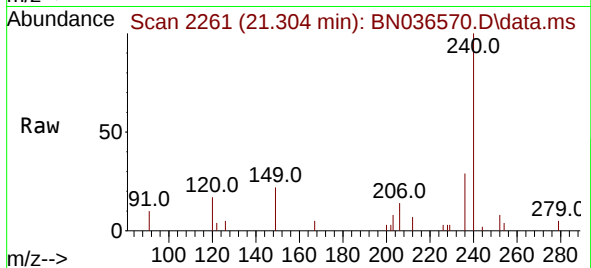
Tgt Ion:240 Resp: 3738

Ion Ratio Lower Upper

240 100

120 16.6 14.6 22.0

236 29.3 24.1 36.1



#31

Terphenyl-d14

Concen: 0.491 ng

RT: 19.740 min Scan# 2059

Delta R.T. -0.005 min

Lab File: BN036570.D

Acq: 10 Mar 2025 20:14

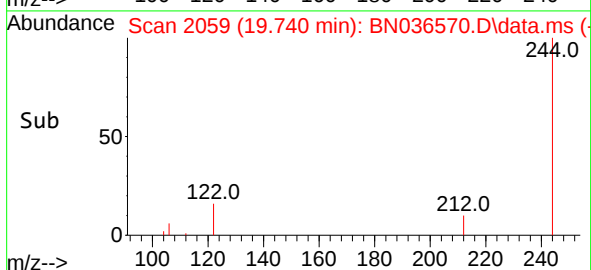
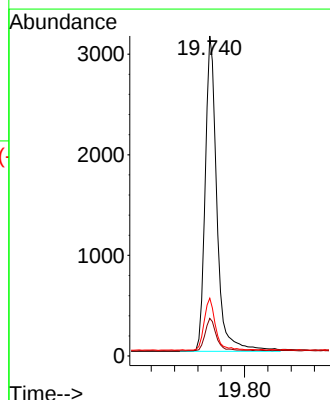
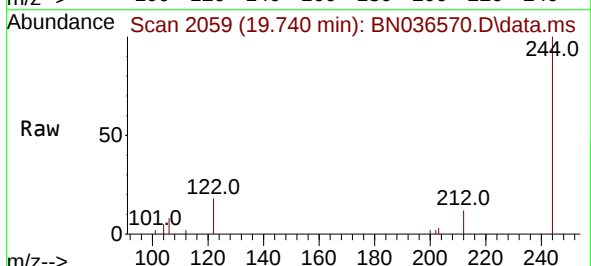
Tgt Ion:244 Resp: 4398

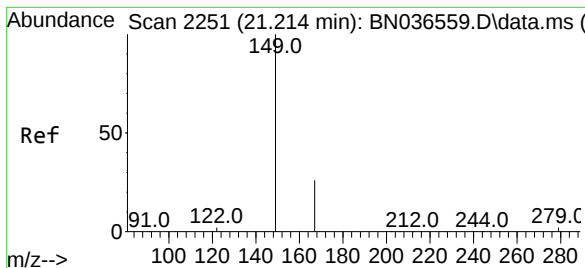
Ion Ratio Lower Upper

244 100

212 11.8 9.6 14.4

122 18.0 13.9 20.9

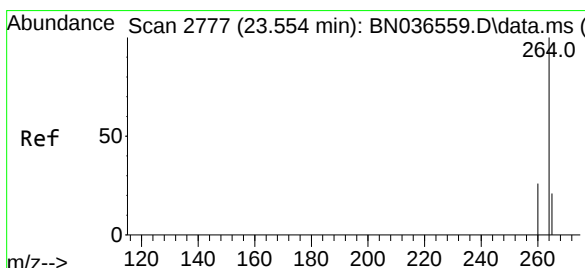
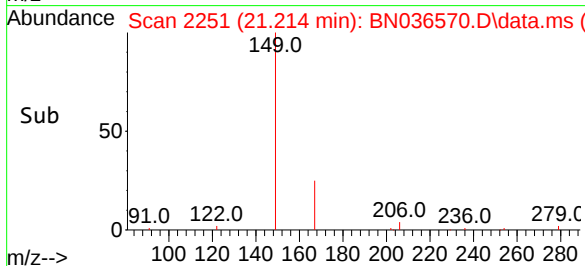
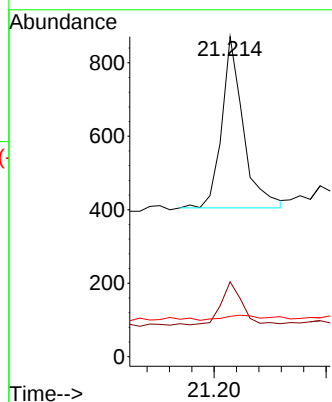
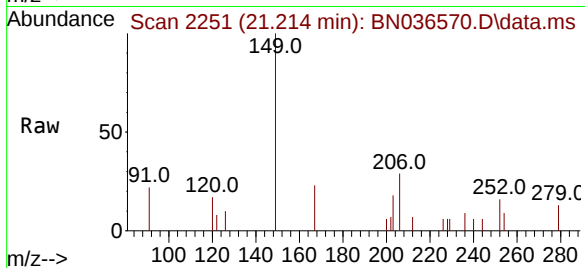




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.067 ng
 RT: 21.214 min Scan# 2125
 Delta R.T. 0.000 min
 Lab File: BN036570.D
 Acq: 10 Mar 2025 20:14

Instrument :
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Tgt Ion:149 Resp: 620
 Ion Ratio Lower Upper
 149 100
 167 24.2 20.7 31.1
 279 6.5 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.554 min Scan# 2777
 Delta R.T. 0.000 min
 Lab File: BN036570.D
 Acq: 10 Mar 2025 20:14

Tgt Ion:264 Resp: 3210
 Ion Ratio Lower Upper
 264 100
 260 27.3 22.6 33.8
 265 119.9 88.1 132.1

