

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031125\
 Data File : BN036577.D
 Acq On : 11 Mar 2025 11:56
 Operator : RC/JU
 Sample : Q1531-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D3-20250305

Quant Time: Mar 11 12:20:21 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)

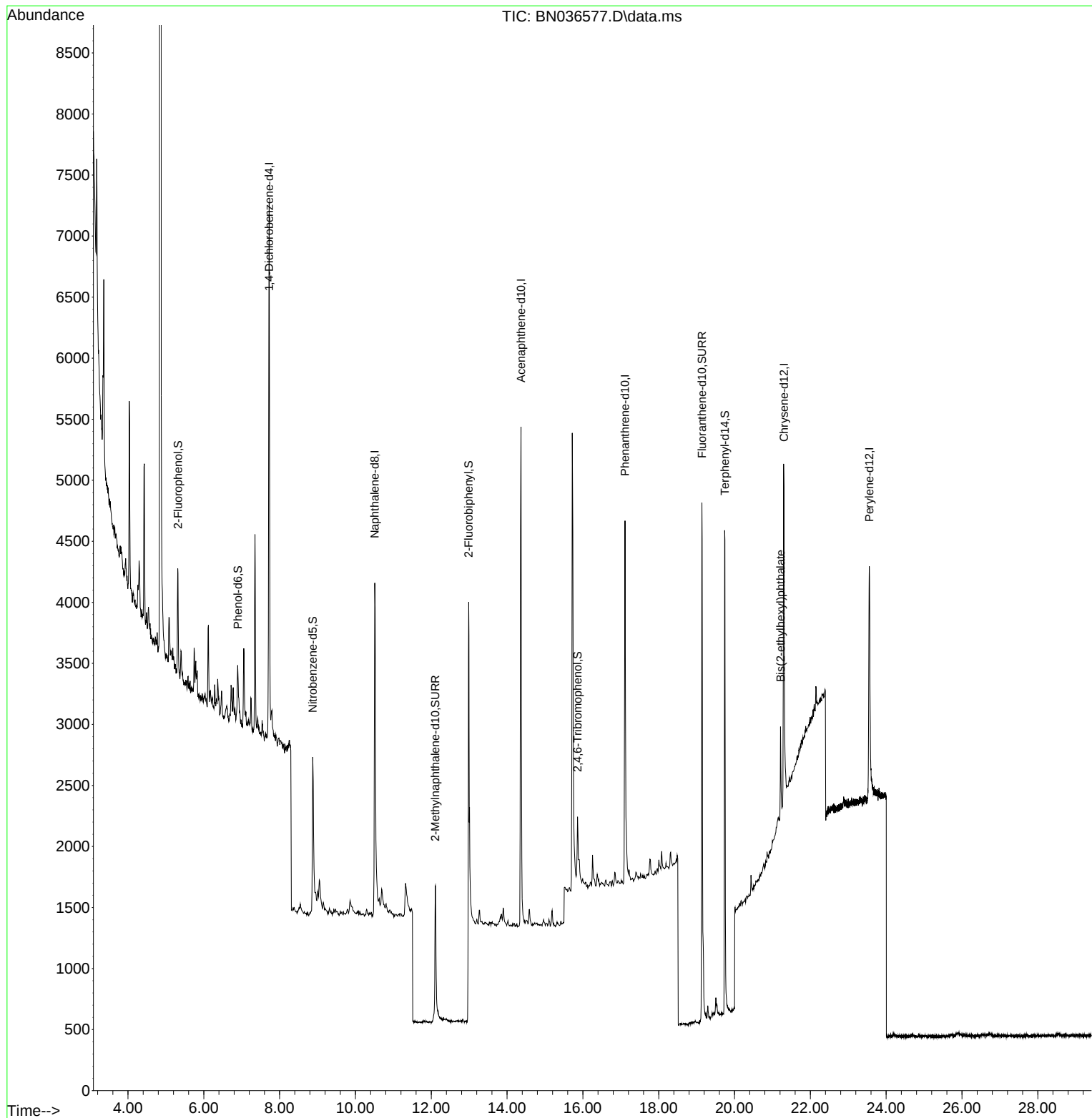
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2163	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4662	0.400	ng	0.00
13) Acenaphthene-d10	14.366	164	2586	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	4760	0.400	ng	0.00
29) Chrysene-d12	21.304	240	3526	0.400	ng	0.00
35) Perylene-d12	23.554	264	3334	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	637	0.126	ng	0.00
5) Phenol-d6	6.901	99	382	0.061	ng	0.00
8) Nitrobenzene-d5	8.875	82	1490	0.294	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2238	0.323	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	388	0.331	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	5263	0.350	ng	0.00
27) Fluoranthene-d10	19.141	212	5257	0.431	ng	0.00
31) Terphenyl-d14	19.745	244	4357	0.516	ng	0.00
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.214	149	717	0.082	ng	Qvalue # 93

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

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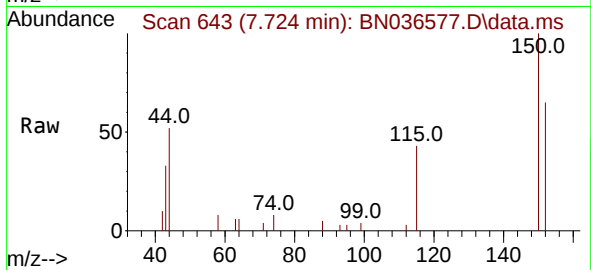
Quant Time: Mar 11 12:20:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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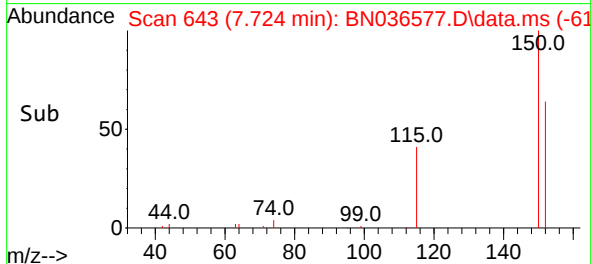
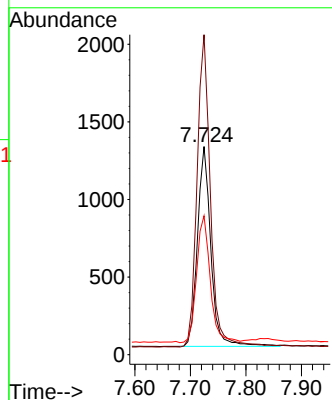
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036577.D
 Acq: 11 Mar 2025 11:56

Instrument :
 BNA_N
 ClientSampleId :
 RE122D3-20250305



Tgt Ion:152 Resp: 2163

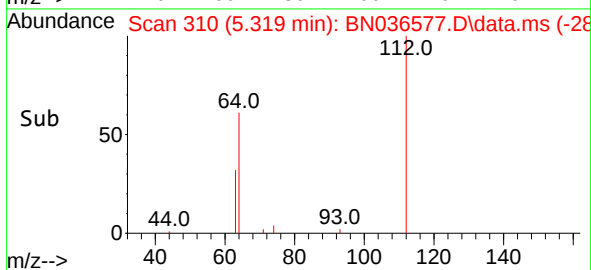
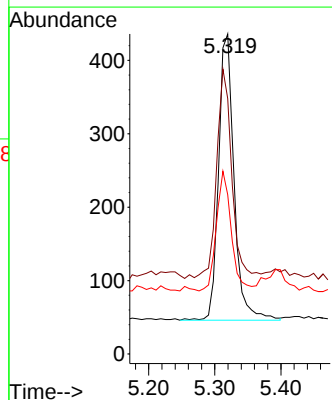
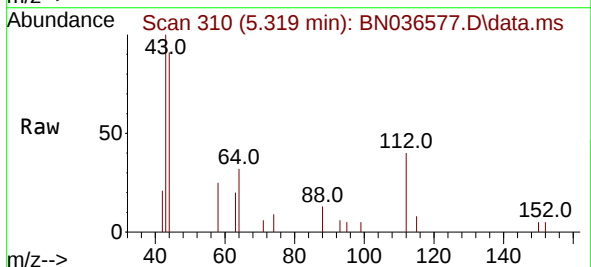
Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.7	185.5
115	66.7	54.3	81.5



#4
 2-Fluorophenol
 Concen: 0.126 ng
 RT: 5.319 min Scan# 310
 Delta R.T. 0.007 min
 Lab File: BN036577.D
 Acq: 11 Mar 2025 11:56

Tgt Ion:112 Resp: 637

Ion	Ratio	Lower	Upper
112	100		
64	71.4	53.1	79.7
63	39.7	31.8	47.8

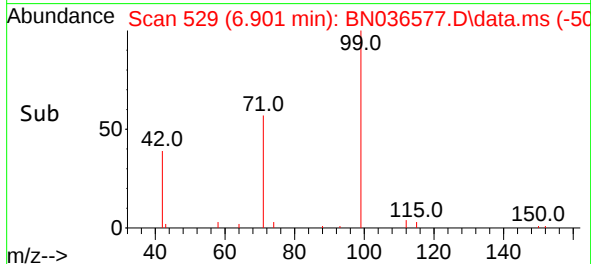
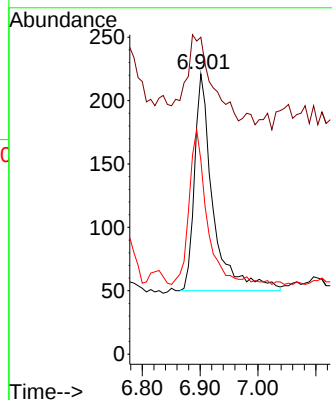
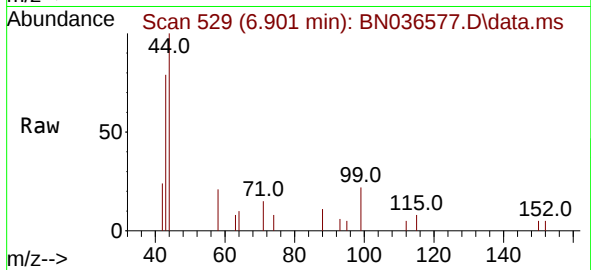




#5
Phenol-d6
Concen: 0.061 ng
RT: 6.901 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN036577.D
Acq: 11 Mar 2025 11:56

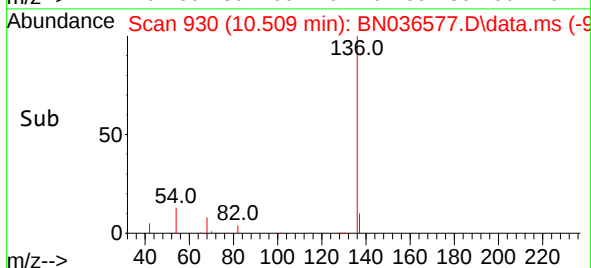
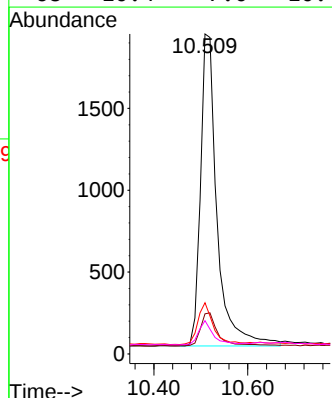
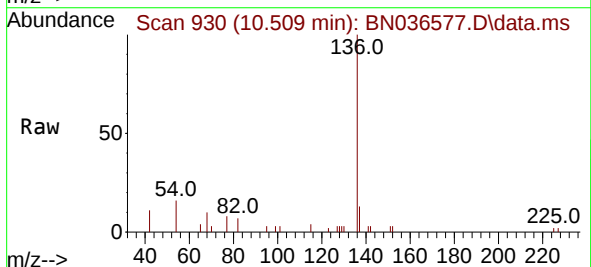
Instrument :
BNA_N
ClientSampleId :
RE122D3-20250305

Tgt Ion: 99 Resp: 382
Ion Ratio Lower Upper
99 100
42 53.4 26.5 39.7#
71 69.4 34.1 51.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN036577.D
Acq: 11 Mar 2025 11:56

Tgt Ion: 136 Resp: 4662
Ion Ratio Lower Upper
136 100
137 12.5 10.3 15.5
54 16.0 11.5 17.3
68 10.4 7.0 10.4

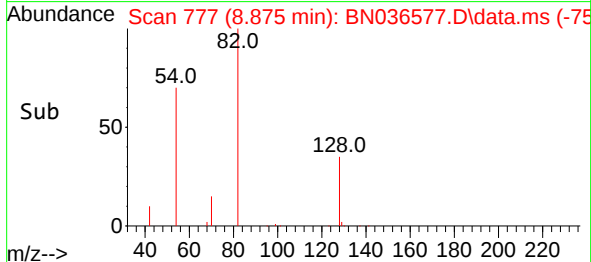
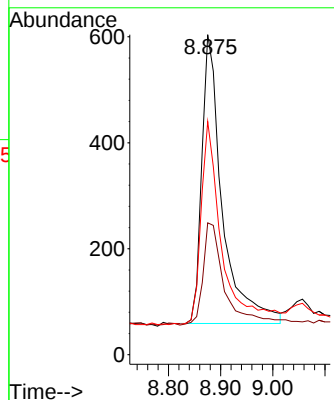
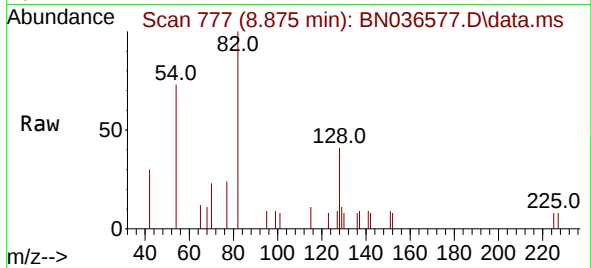




#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 8.875 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN036577.D
Acq: 11 Mar 2025 11:56

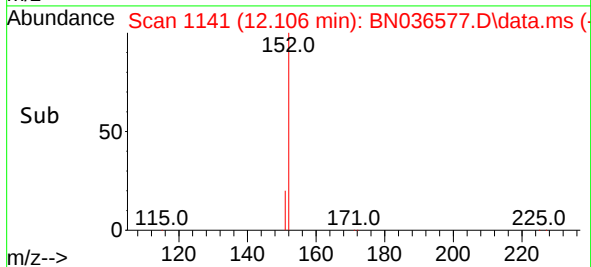
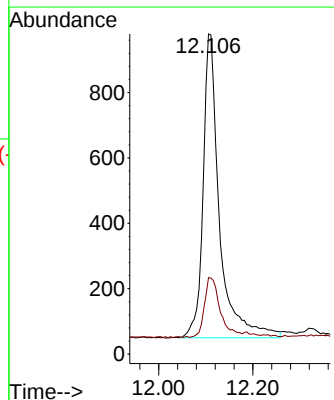
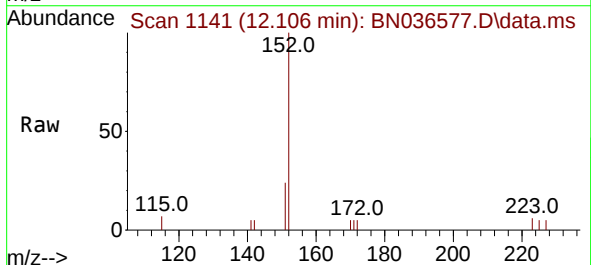
Instrument :
BNA_N
ClientSampleId :
RE122D3-20250305

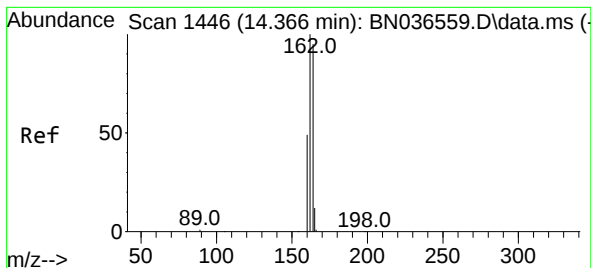
Tgt Ion: 82 Resp: 1490
Ion Ratio Lower Upper
82 100
128 41.2 30.6 45.8
54 72.8 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BN036577.D
Acq: 11 Mar 2025 11:56

Tgt Ion:152 Resp: 2238
Ion Ratio Lower Upper
152 100
151 19.0 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: BN036577.D

Acq: 11 Mar 2025 11:56

Instrument :

BNA_N

ClientSampleId :

RE122D3-20250305

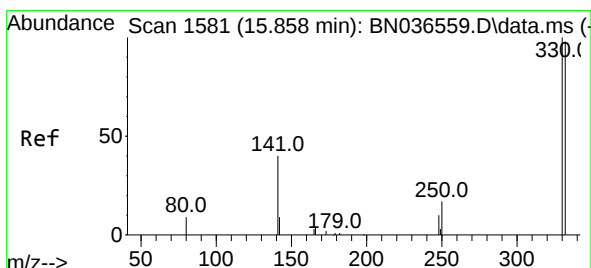
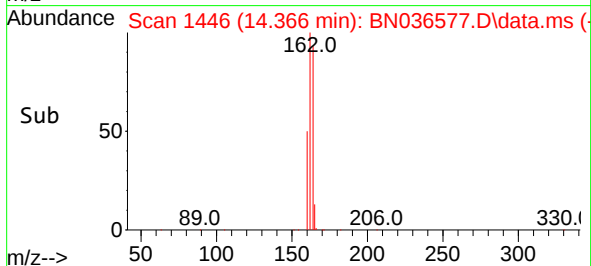
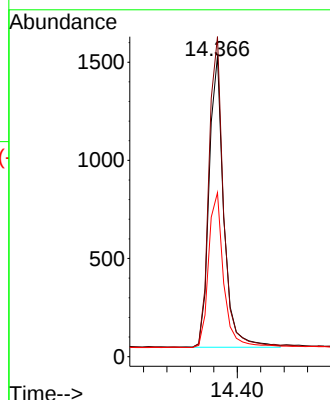
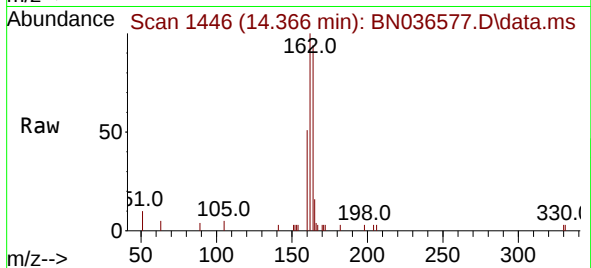
Tgt Ion:164 Resp: 2586

Ion Ratio Lower Upper

164 100

162 106.5 84.2 126.2

160 54.5 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 0.331 ng

RT: 15.858 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BN036577.D

Acq: 11 Mar 2025 11:56

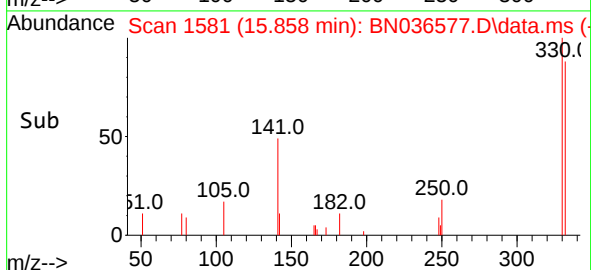
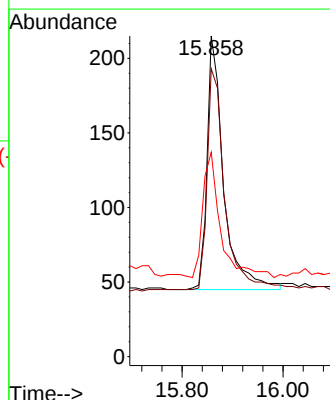
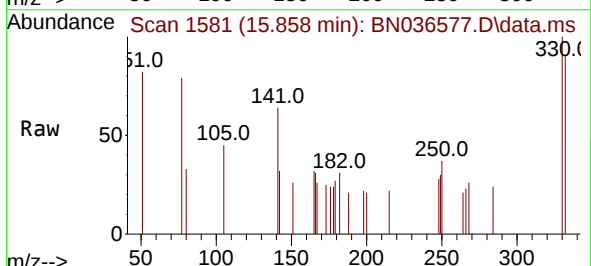
Tgt Ion:330 Resp: 388

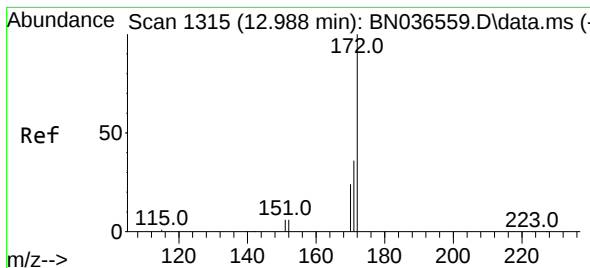
Ion Ratio Lower Upper

330 100

332 91.8 75.2 112.8

141 53.9 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.350 ng

RT: 12.988 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN036577.D

Acq: 11 Mar 2025 11:56

Instrument :

BNA_N

ClientSampleId :

RE122D3-20250305

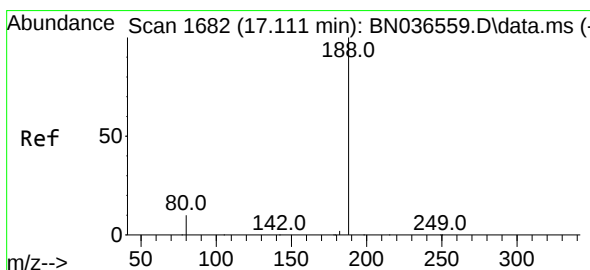
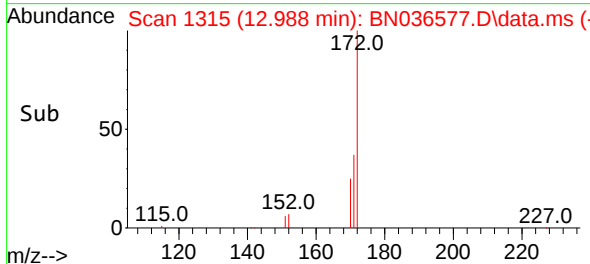
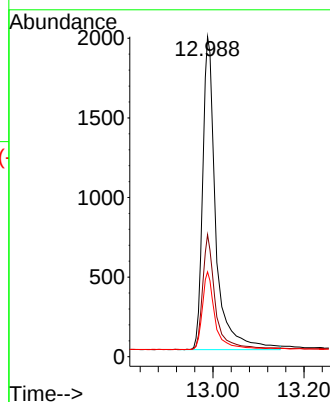
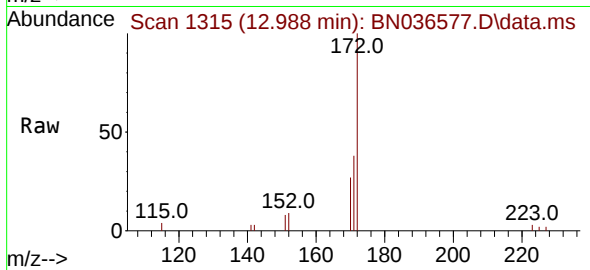
Tgt Ion:172 Resp: 5263

Ion Ratio Lower Upper

172 100

171 38.2 29.5 44.3

170 26.5 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: BN036577.D

Acq: 11 Mar 2025 11:56

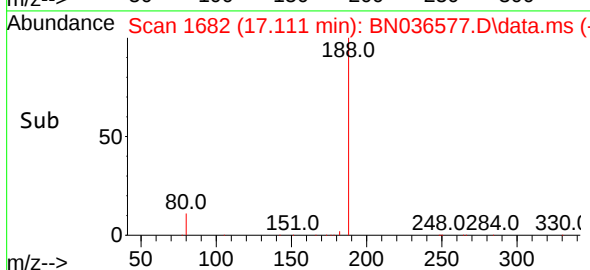
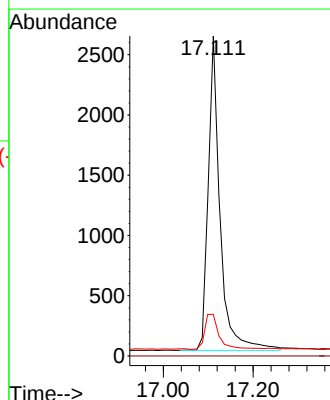
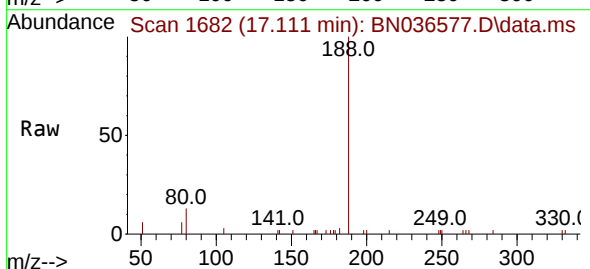
Tgt Ion:188 Resp: 4760

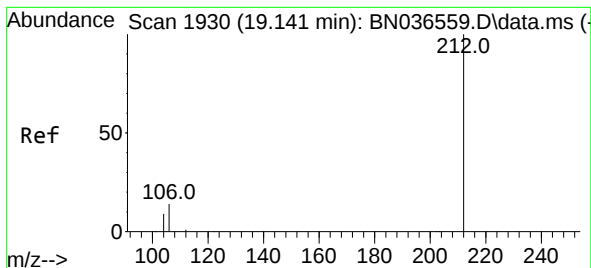
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.0 8.8 13.2

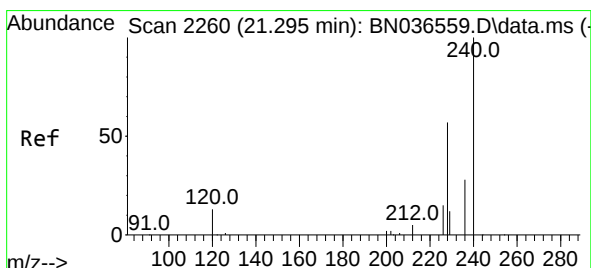
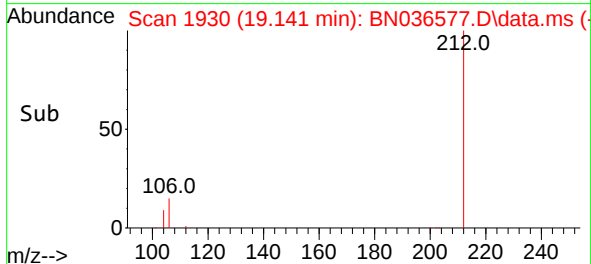
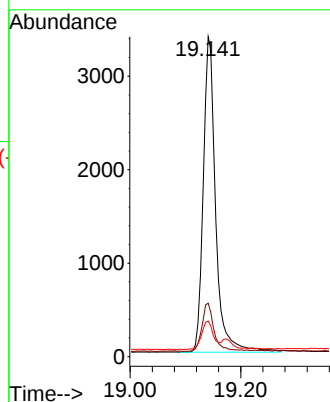
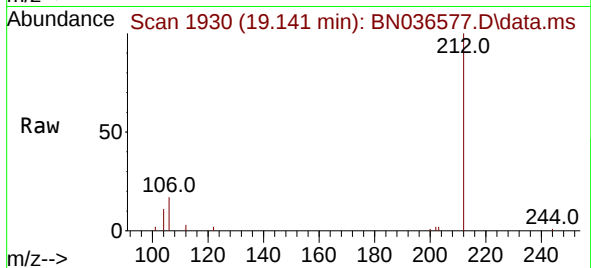




#27
Fluoranthene-d10
Concen: 0.431 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036577.D
Acq: 11 Mar 2025 11:56

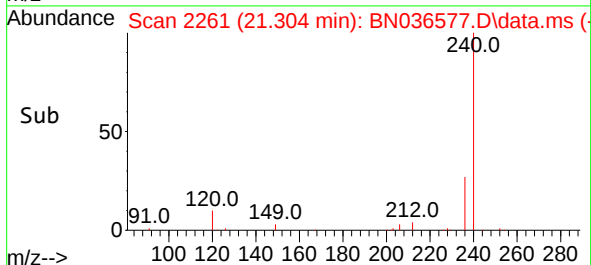
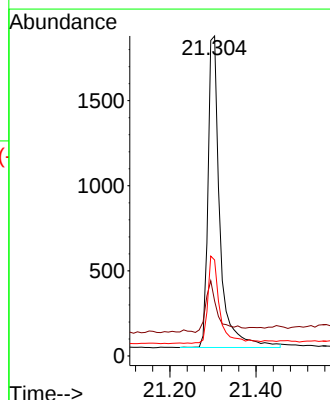
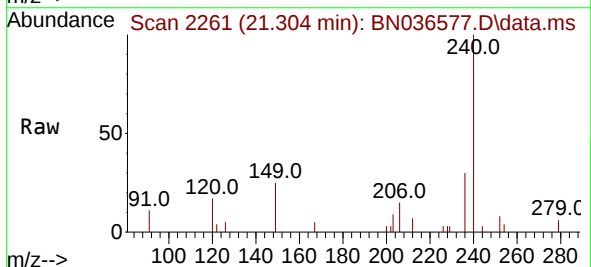
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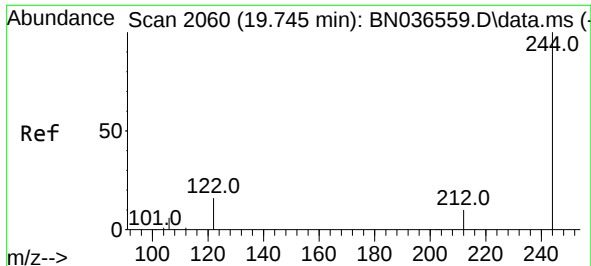
Tgt Ion:	212	Resp:	5257
Ion Ratio	Lower	Upper	
212	100		
106	15.1	11.8	17.6
104	9.0	7.3	10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 2261
Delta R.T. 0.009 min
Lab File: BN036577.D
Acq: 11 Mar 2025 11:56

Tgt Ion:	240	Resp:	3526
Ion Ratio	Lower	Upper	
240	100		
120	17.2	14.6	22.0
236	30.0	24.1	36.1

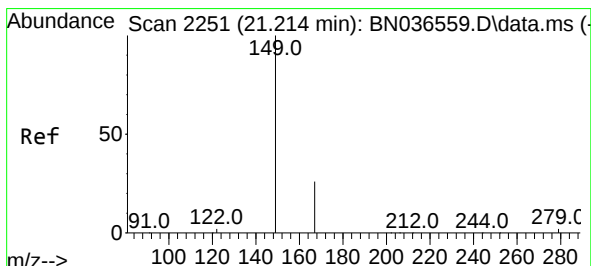
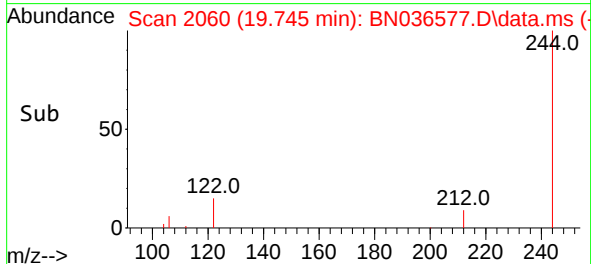
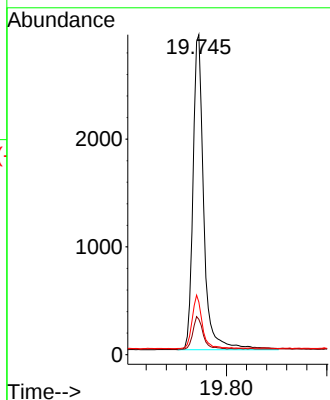
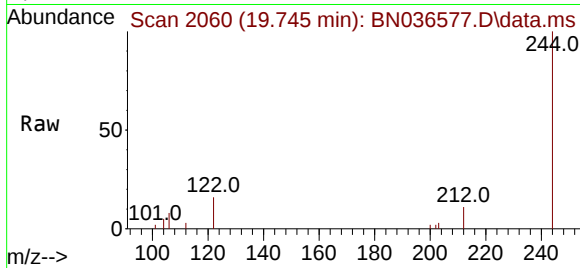




#31
 Terphenyl-d14
 Concen: 0.516 ng
 RT: 19.745 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: BN036577.D
 Acq: 11 Mar 2025 11:56

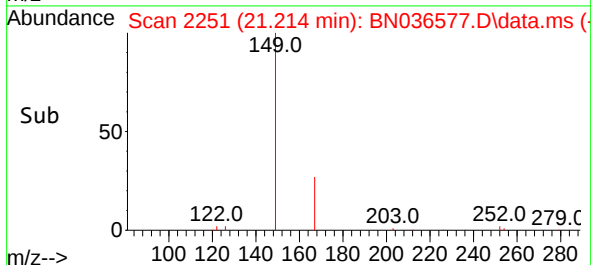
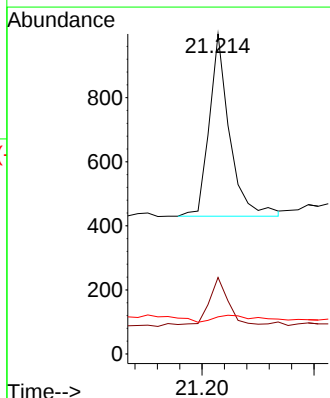
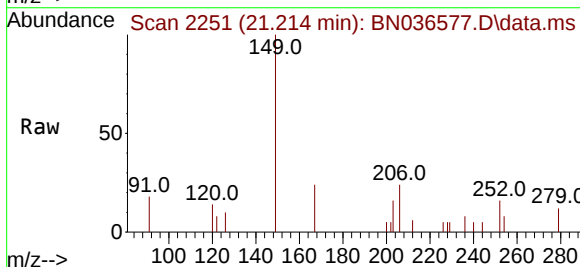
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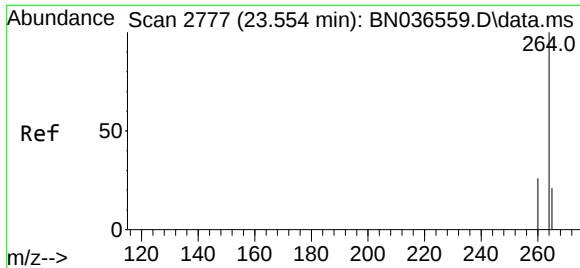
Tgt Ion:244 Resp: 4357
 Ion Ratio Lower Upper
 244 100
 212 11.0 9.6 14.4
 122 16.5 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: BN036577.D
 Acq: 11 Mar 2025 11:56

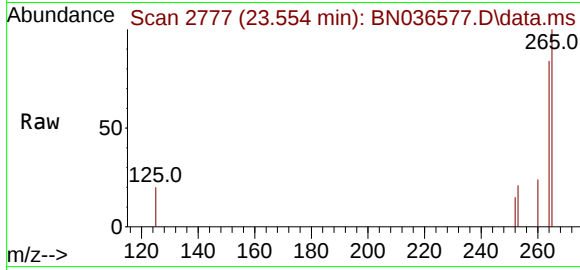
Tgt Ion:149 Resp: 717
 Ion Ratio Lower Upper
 149 100
 167 22.9 20.7 31.1
 279 8.9 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.554 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036577.D
Acq: 11 Mar 2025 11:56

Instrument :
BNA_N
ClientSampleId :
RE122D3-20250305



Tgt Ion:264 Resp: 3334
Ion Ratio Lower Upper
264 100
260 29.1 22.6 33.8
265 119.7 88.1 132.1

