

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036610.D
 Acq On : 14 Mar 2025 16:48
 Operator : RC/JU
 Sample : Q1557-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-9-20250312

Quant Time: Mar 14 17:13:25 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)

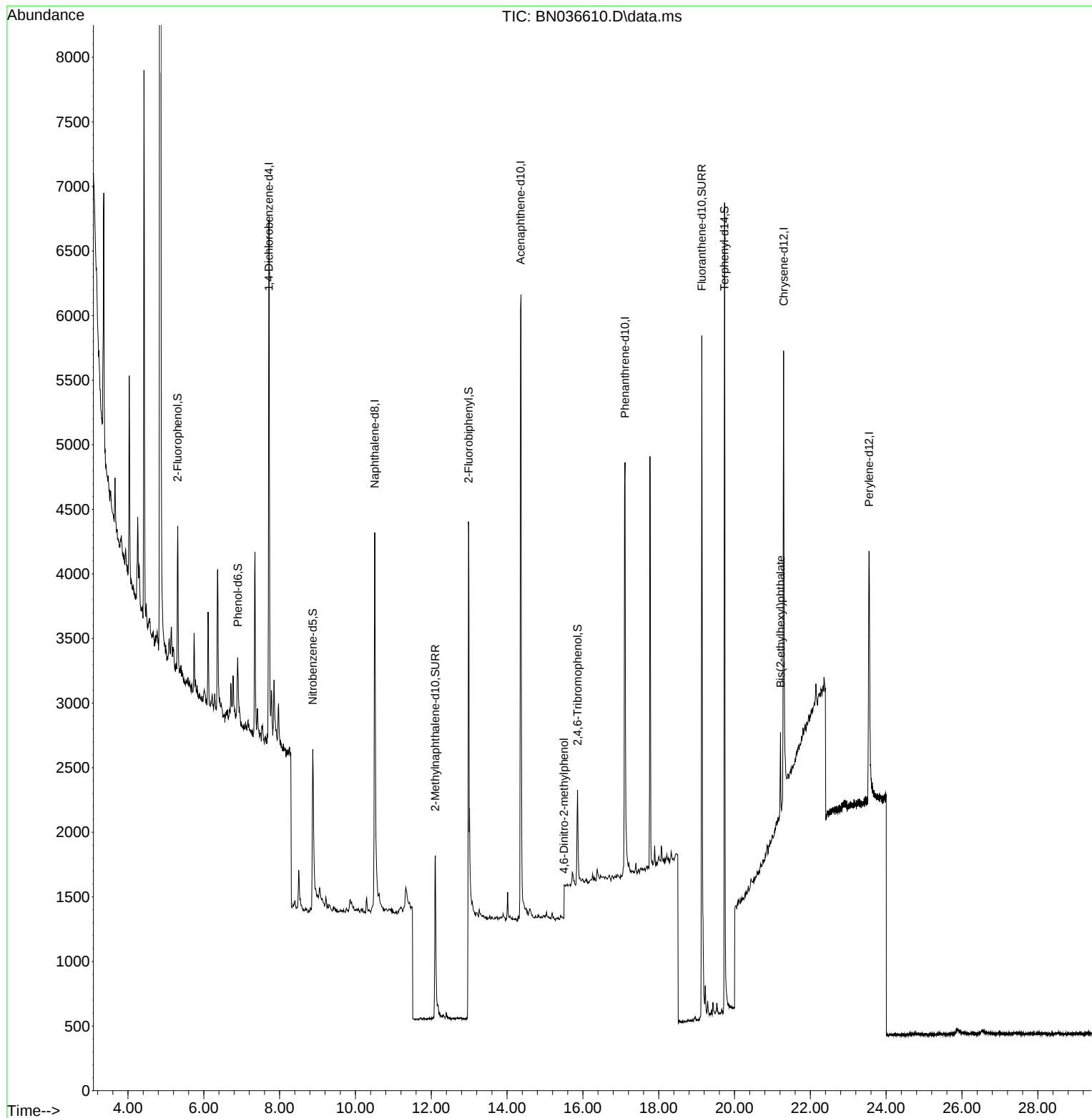
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2138	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4877	0.400	ng	0.00
13) Acenaphthene-d10	14.356	164	3049	0.400	ng	-0.01
19) Phenanthrene-d10	17.111	188	5883	0.400	ng	0.00
29) Chrysene-d12	21.295	240	4022	0.400	ng	0.00
35) Perylene-d12	23.549	264	3268	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	785	0.158	ng	0.00
5) Phenol-d6	6.901	99	495	0.080	ng	0.00
8) Nitrobenzene-d5	8.875	82	1678	0.316	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2439	0.336	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	501	0.362	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	6118	0.345	ng	0.00
27) Fluoranthene-d10	19.136	212	6664	0.442	ng	0.00
31) Terphenyl-d14	19.736	244	6440	0.668	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.499	198	1	0.146	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.214	149	588	0.059	ng	# 94

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

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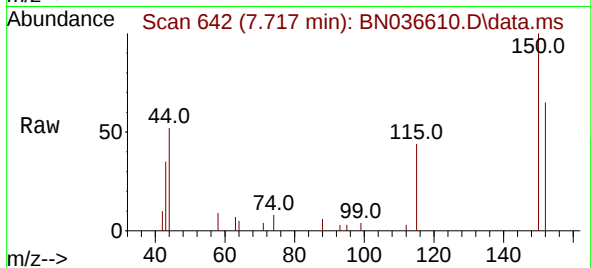
Quant Time: Mar 14 17:13:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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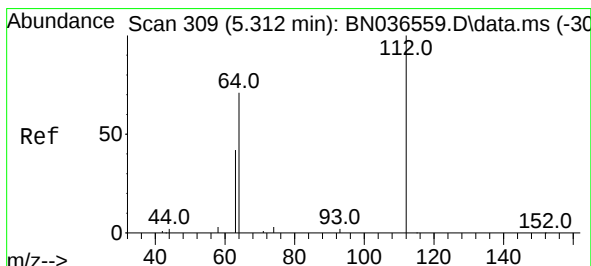
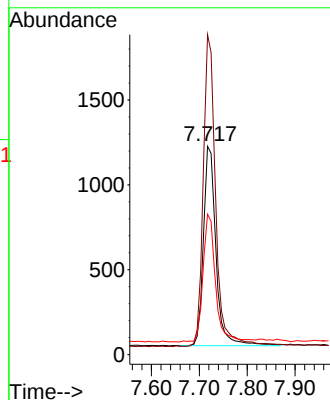
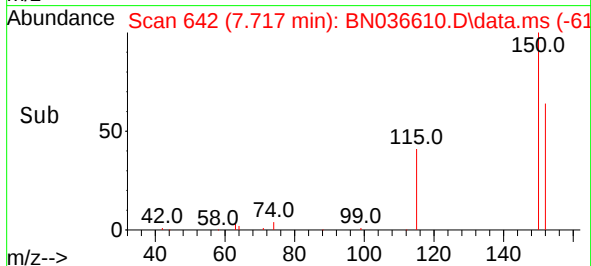


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 643
Delta R.T. -0.007 min
Lab File: BN036610.D
Acq: 14 Mar 2025 16:48

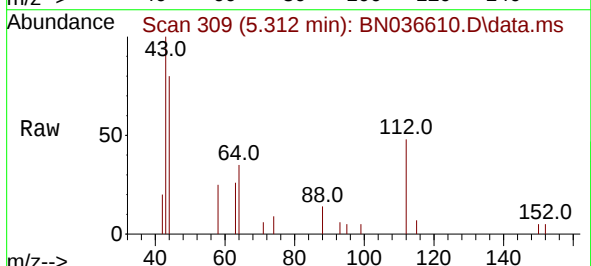
Instrument :
BNA_N
ClientSampleId :
BPOW6-9-20250312



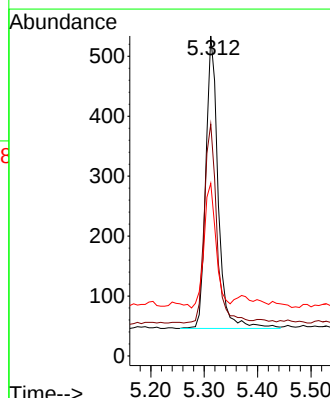
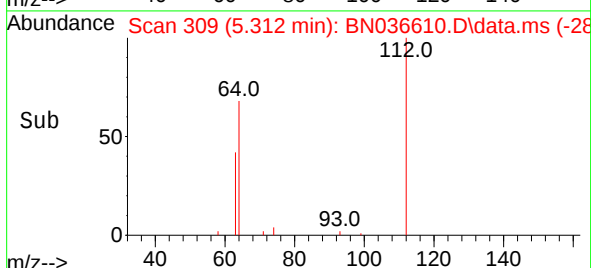
Tgt Ion:152 Resp: 2138
Ion Ratio Lower Upper
152 100
150 153.6 123.7 185.5
115 67.4 54.3 81.5

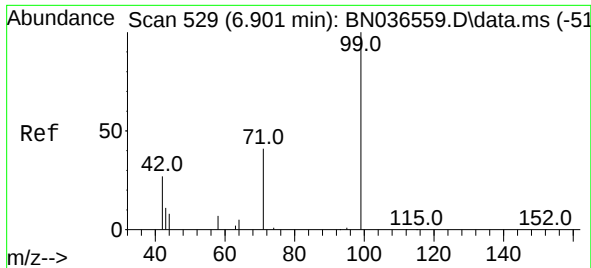


#4
2-Fluorophenol
Concen: 0.158 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036610.D
Acq: 14 Mar 2025 16:48



Tgt Ion:112 Resp: 785
Ion Ratio Lower Upper
112 100
64 68.9 53.1 79.7
63 41.7 31.8 47.8

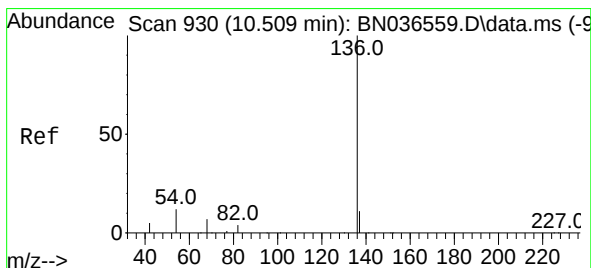
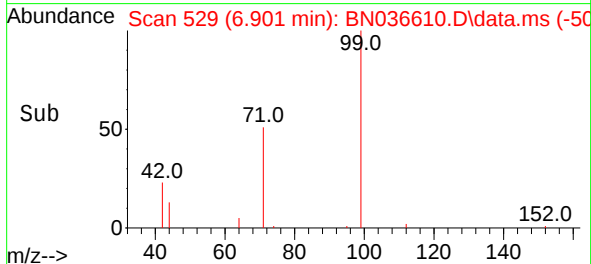
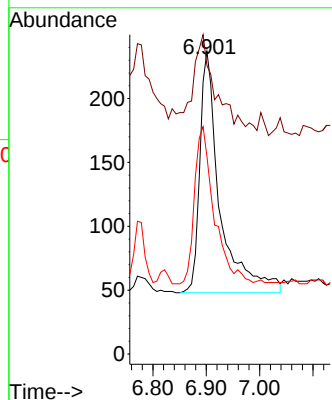
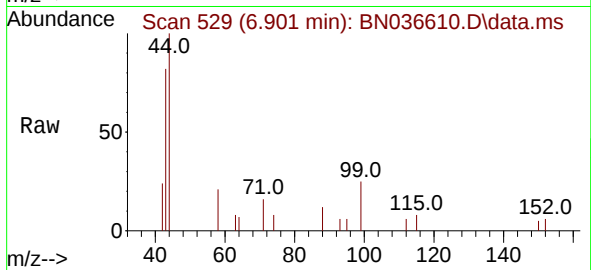




#5
Phenol-d6
Concen: 0.080 ng
RT: 6.901 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN036610.D
Acq: 14 Mar 2025 16:48

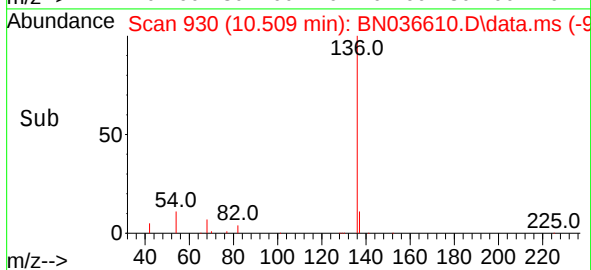
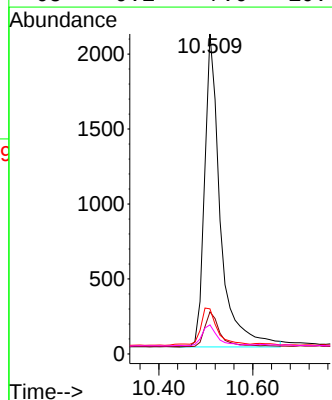
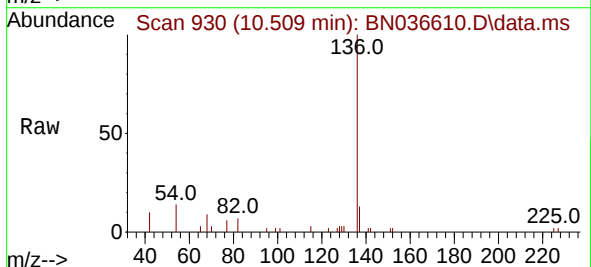
Instrument :
BNA_N
ClientSampleId :
BPOW6-9-20250312

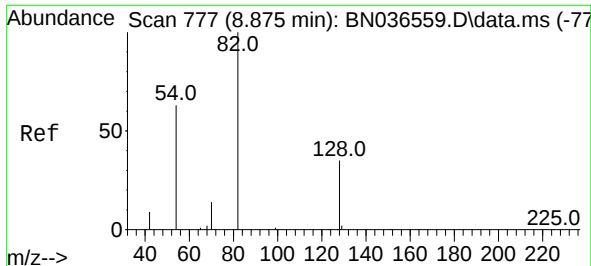
Tgt Ion: 99 Resp: 495
Ion Ratio Lower Upper
99 100
42 36.0 26.5 39.7
71 63.6 34.1 51.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN036610.D
Acq: 14 Mar 2025 16:48

Tgt Ion: 136 Resp: 4877
Ion Ratio Lower Upper
136 100
137 13.2 10.3 15.5
54 14.1 11.5 17.3
68 9.1 7.0 10.4

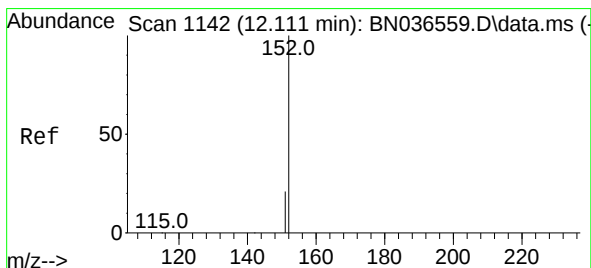
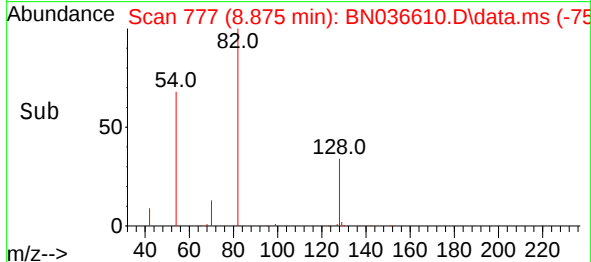
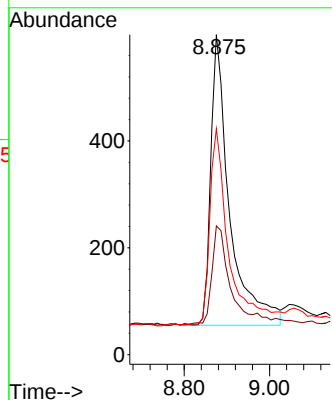
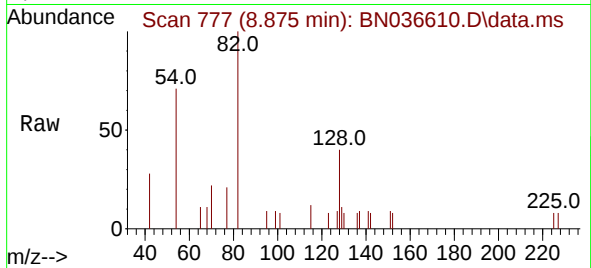




#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 8.875 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN036610.D
Acq: 14 Mar 2025 16:48

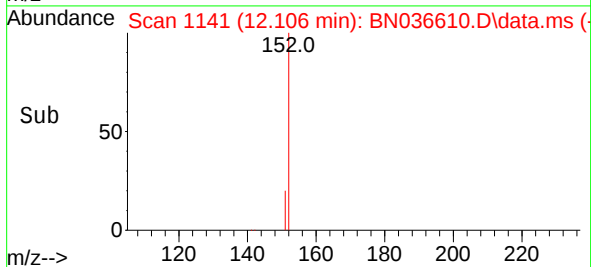
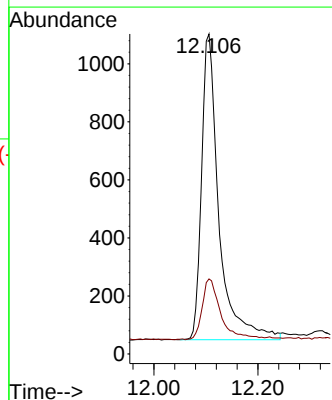
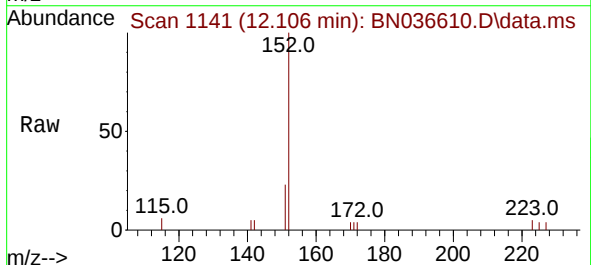
Instrument :
BNA_N
ClientSampleId :
BPOW6-9-20250312

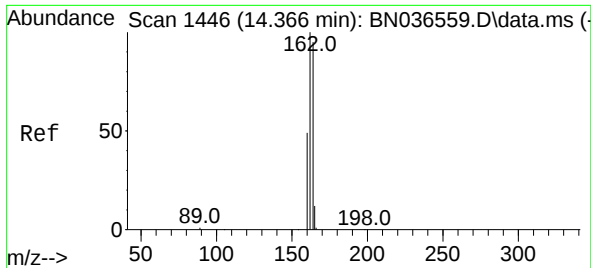
Tgt Ion: 82 Resp: 1678
Ion Ratio Lower Upper
82 100
128 40.2 30.6 45.8
54 70.6 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BN036610.D
Acq: 14 Mar 2025 16:48

Tgt Ion: 152 Resp: 2439
Ion Ratio Lower Upper
152 100
151 21.5 17.0 25.6

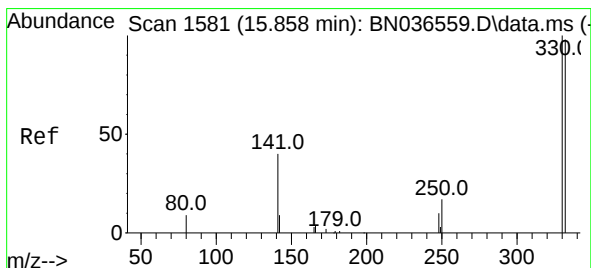
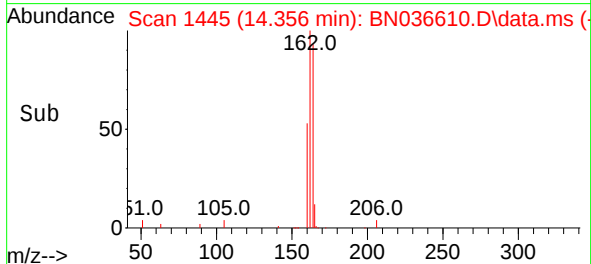
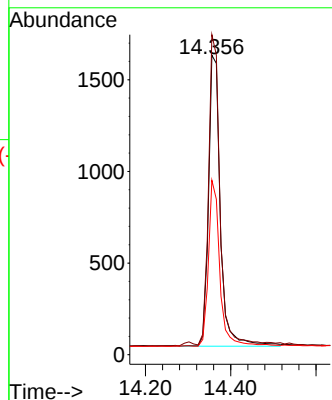
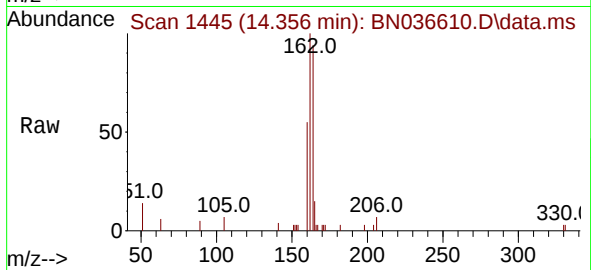




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.356 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036610.D
Acq: 14 Mar 2025 16:48

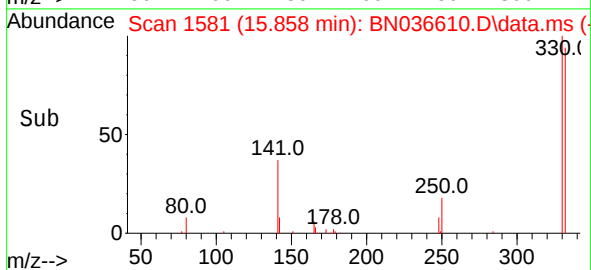
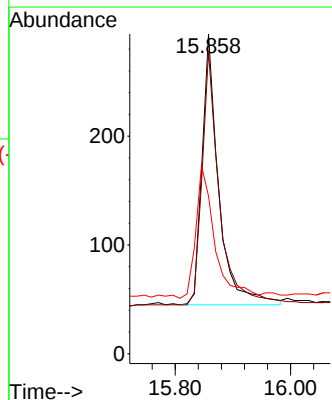
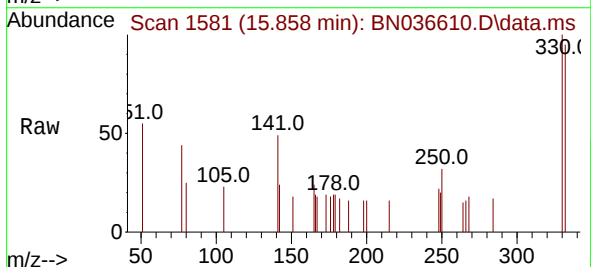
Instrument :
BNA_N
ClientSampleId :
BPOW6-9-20250312

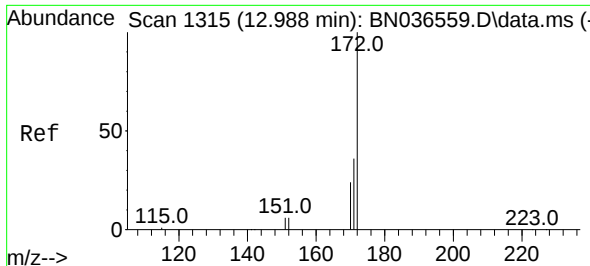
Tgt Ion:164 Resp: 3049
Ion Ratio Lower Upper
164 100
162 106.9 84.2 126.2
160 58.3 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.362 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036610.D
Acq: 14 Mar 2025 16:48

Tgt Ion:330 Resp: 501
Ion Ratio Lower Upper
330 100
332 96.6 75.2 112.8
141 55.1 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.345 ng

RT: 12.988 min Scan# 1315

Delta R.T. 0.000 min

Lab File: BN036610.D

Acq: 14 Mar 2025 16:48

Instrument :

BNA_N

ClientSampleId :

BPOW6-9-20250312

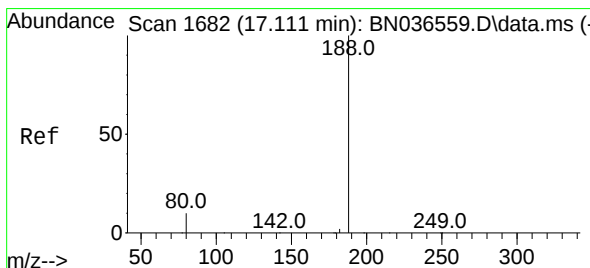
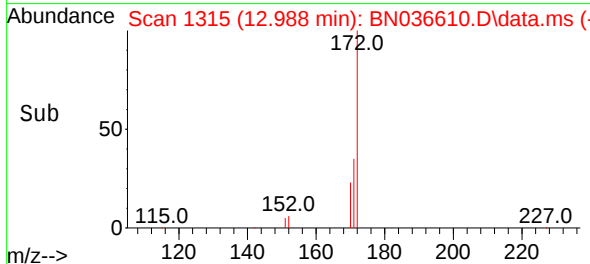
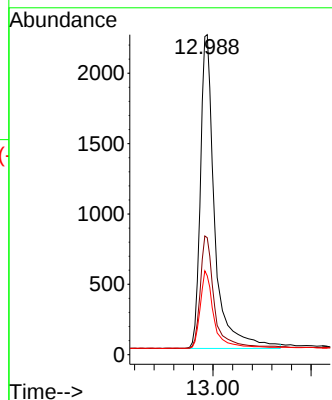
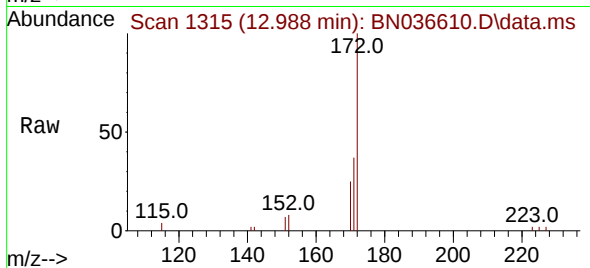
Tgt Ion:172 Resp: 6118

Ion Ratio Lower Upper

172 100

171 36.5 29.5 44.3

170 24.7 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: BN036610.D

Acq: 14 Mar 2025 16:48

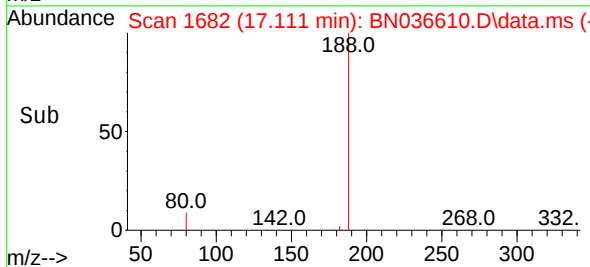
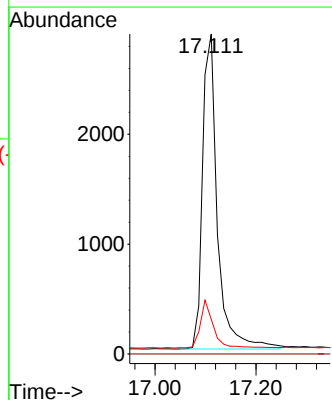
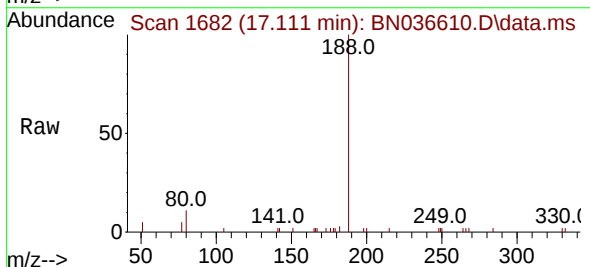
Tgt Ion:188 Resp: 5883

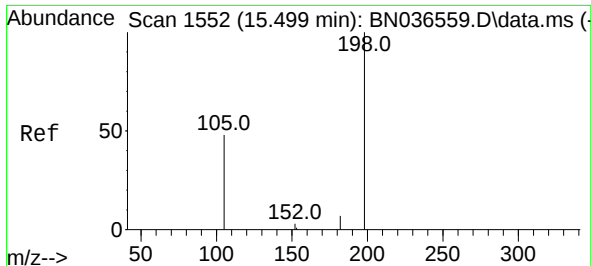
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.8 8.8 13.2





#20

4,6-Dinitro-2-methylphenol

Concen: 0.146 ng

RT: 15.499 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN036610.D

Acq: 14 Mar 2025 16:48

Instrument :

BNA_N

ClientSampleId :

BPOW6-9-20250312

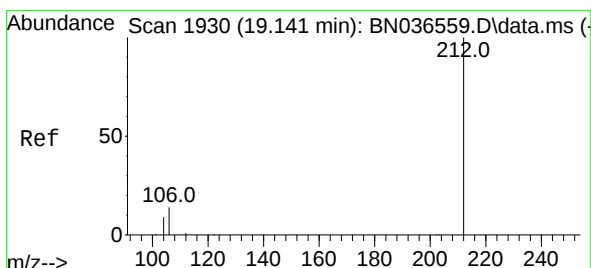
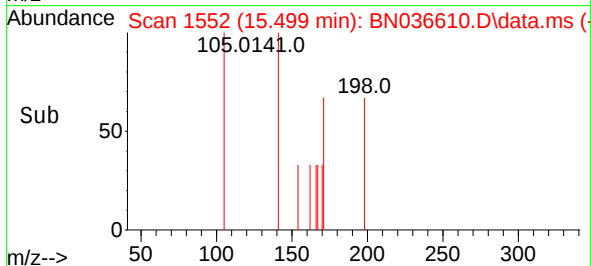
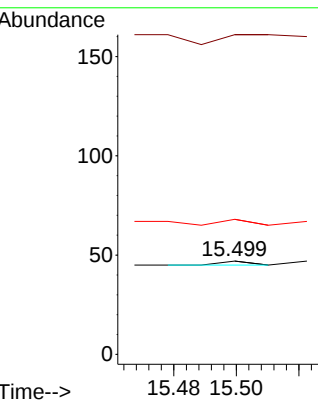
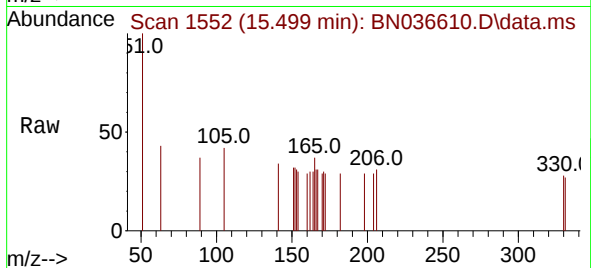
Tgt Ion:198 Resp: 1

Ion Ratio Lower Upper

198 100

51 342.6 107.9 161.9#

105 144.7 56.2 84.2#



#27

Fluoranthene-d10

Concen: 0.442 ng

RT: 19.136 min Scan# 1929

Delta R.T. -0.004 min

Lab File: BN036610.D

Acq: 14 Mar 2025 16:48

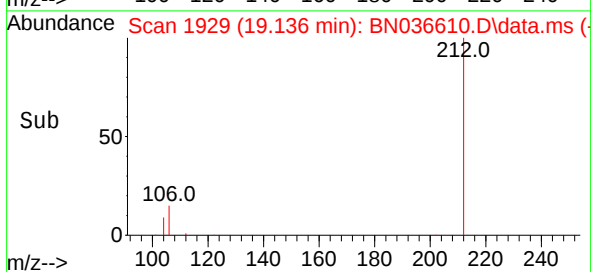
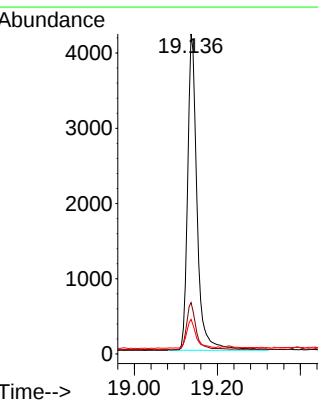
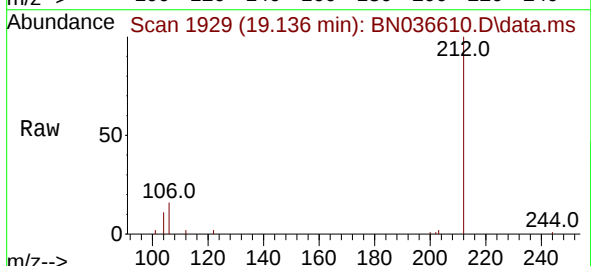
Tgt Ion:212 Resp: 6664

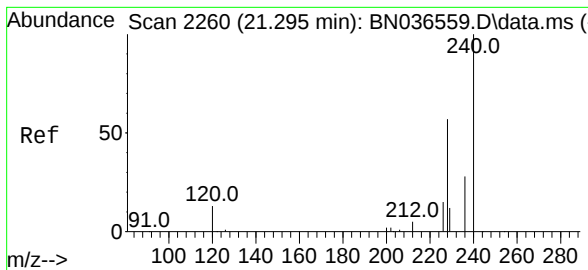
Ion Ratio Lower Upper

212 100

106 14.7 11.8 17.6

104 8.9 7.3 10.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.295 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN036610.D

Acq: 14 Mar 2025 16:48

Instrument :

BNA_N

ClientSampleId :

BPOW6-9-20250312

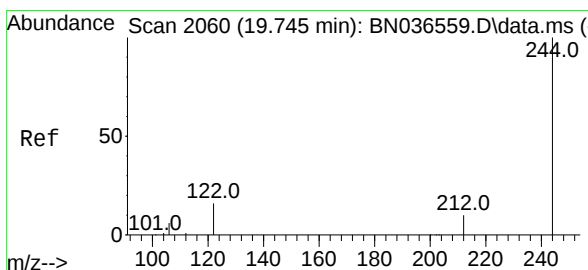
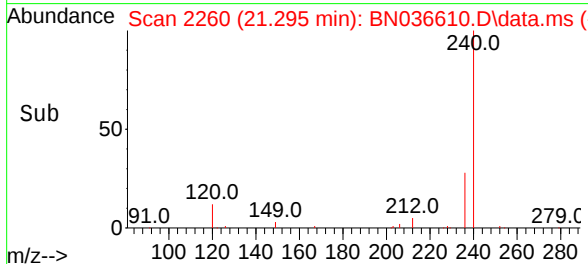
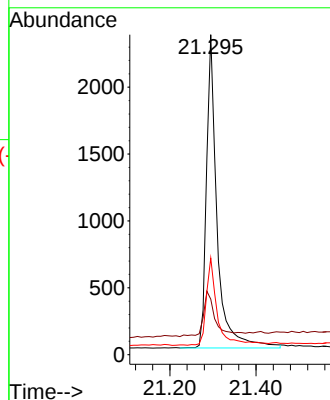
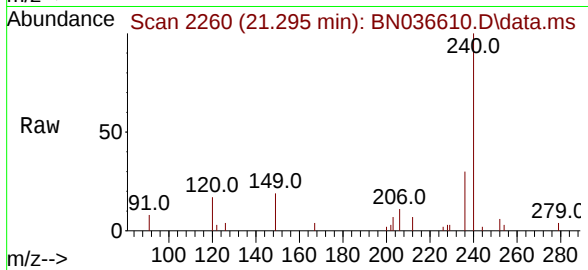
Tgt Ion:240 Resp: 4022

Ion Ratio Lower Upper

240 100

120 17.3 14.6 22.0

236 30.2 24.1 36.1



#31

Terphenyl-d14

Concen: 0.668 ng

RT: 19.736 min Scan# 2058

Delta R.T. -0.009 min

Lab File: BN036610.D

Acq: 14 Mar 2025 16:48

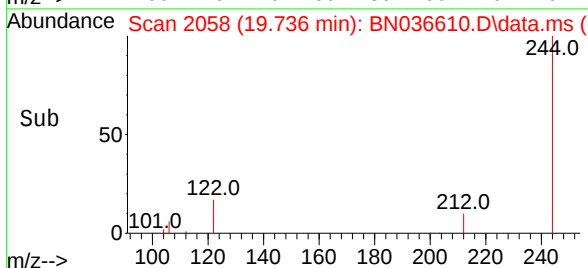
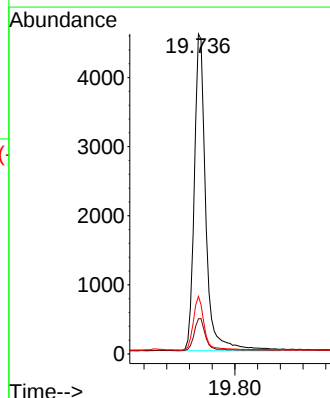
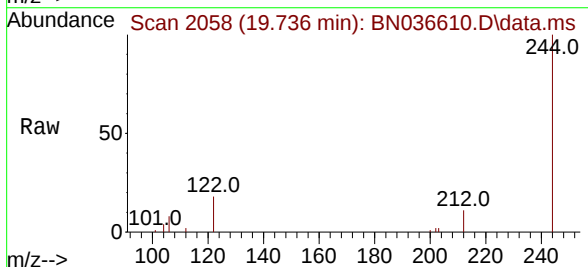
Tgt Ion:244 Resp: 6440

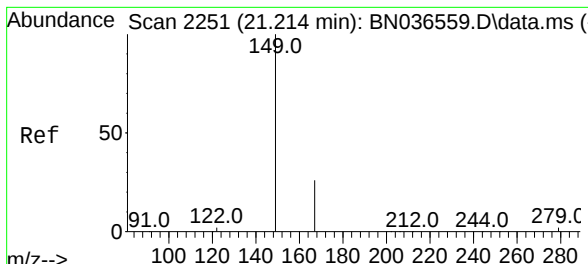
Ion Ratio Lower Upper

244 100

212 11.0 9.6 14.4

122 18.0 13.9 20.9

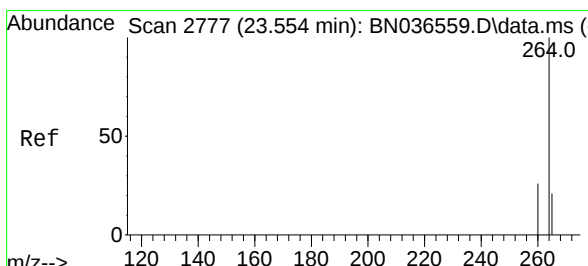
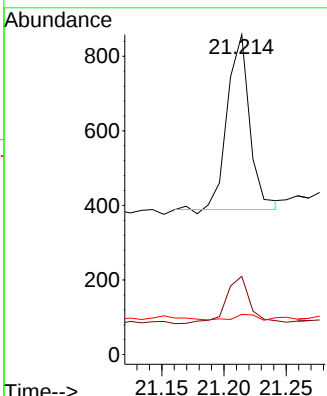
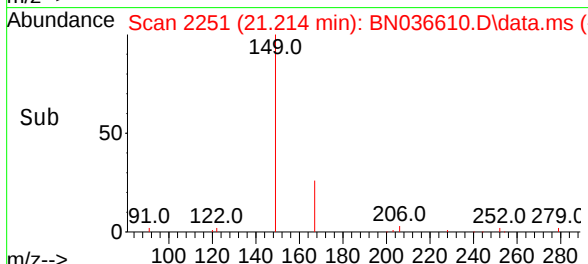
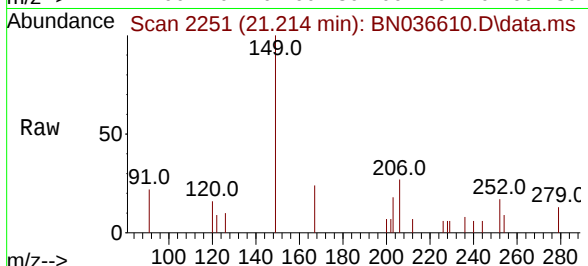




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.059 ng
 RT: 21.214 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN036610.D
 Acq: 14 Mar 2025 16:48

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-9-20250312

Tgt Ion:	149	Resp:	588
Ion Ratio	Lower	Upper	
149	100		
167	29.4	20.7	31.1
279	3.2	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.549 min Scan# 2775
 Delta R.T. -0.006 min
 Lab File: BN036610.D
 Acq: 14 Mar 2025 16:48

Tgt Ion:	264	Resp:	3268
Ion Ratio	Lower	Upper	
264	100		
260	27.9	22.6	33.8
265	113.1	88.1	132.1

