

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036617.D
 Acq On : 14 Mar 2025 21:43
 Operator : RC/JU
 Sample : Q1557-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-8-20250312

Quant Time: Mar 14 23:33:15 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)

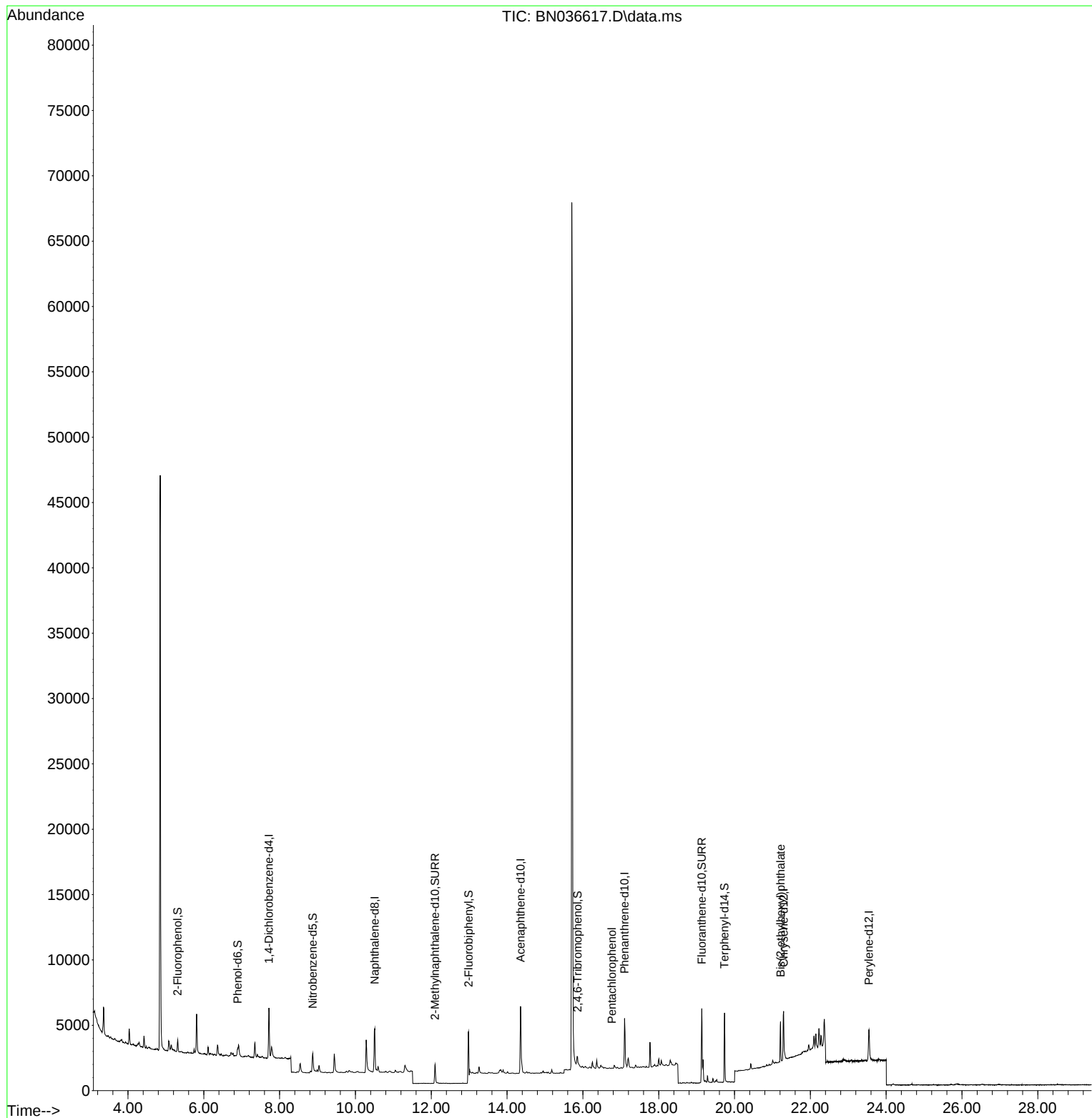
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1924	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4715	0.400	ng	# 0.00
13) Acenaphthene-d10	14.356	164	2788	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	5747	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	4285	0.400	ng	0.00
35) Perylene-d12	23.546	264	3617	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	636	0.142	ng	0.00
5) Phenol-d6	6.894	99	468	0.084	ng	0.00
8) Nitrobenzene-d5	8.875	82	1515	0.295	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	2222	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	512	0.405	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	5553	0.342	ng	0.00
27) Fluoranthene-d10	19.136	212	6402	0.435	ng	0.00
31) Terphenyl-d14	19.736	244	5014	0.488	ng	0.00
Target Compounds						Qvalue
24) Pentachlorophenol	16.764	266	46	0.023	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.214	149	3157	0.298	ng	# 98

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

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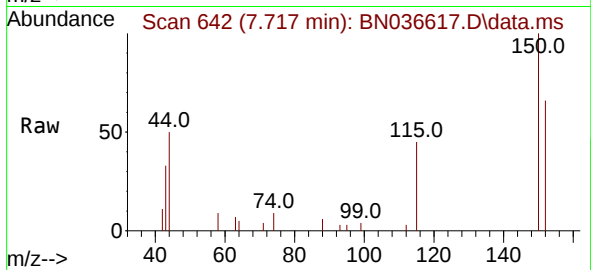
Quant Time: Mar 14 23:33:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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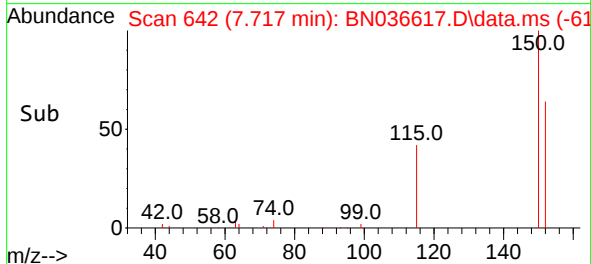
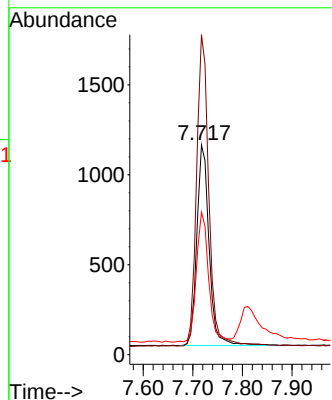


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036617.D
Acq: 14 Mar 2025 21:43

Instrument :
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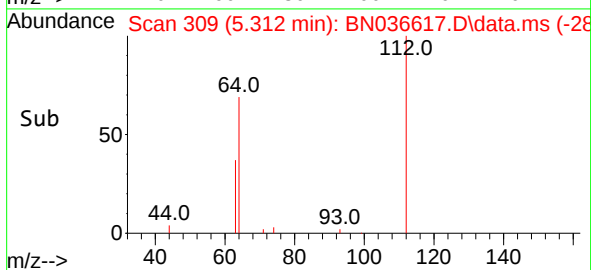
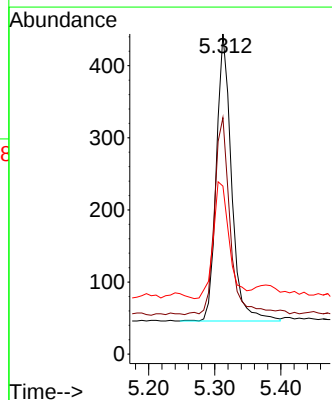
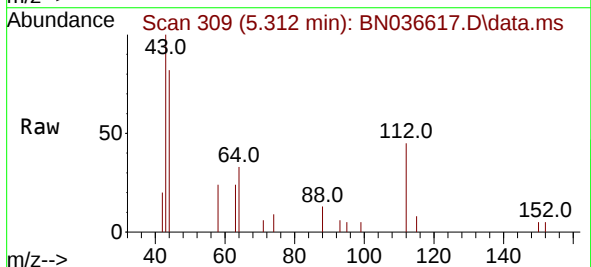


Tgt Ion:152 Resp: 1924
Ion Ratio Lower Upper
152 100
150 152.6 123.7 185.5
115 68.0 54.3 81.5



#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036617.D
Acq: 14 Mar 2025 21:43

Tgt Ion:112 Resp: 636
Ion Ratio Lower Upper
112 100
64 71.4 53.1 79.7
63 42.8 31.8 47.8

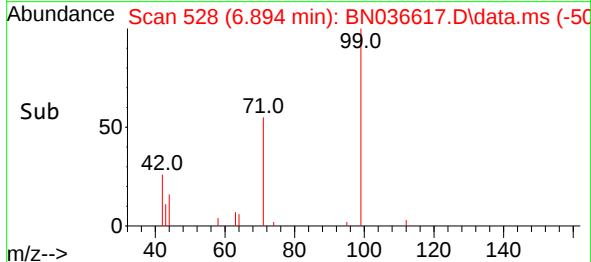
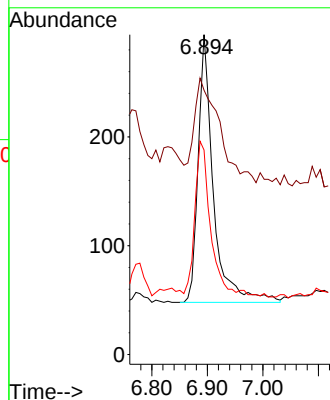
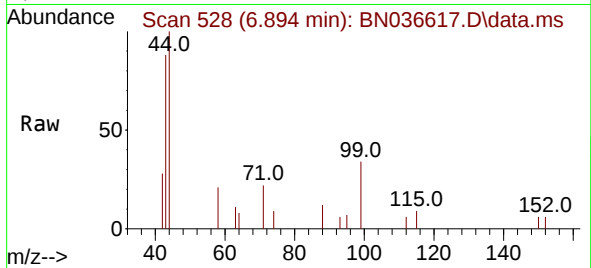




#5
Phenol-d6
Concen: 0.084 ng
RT: 6.894 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN036617.D
Acq: 14 Mar 2025 21:43

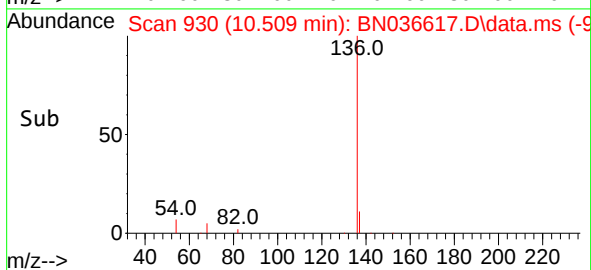
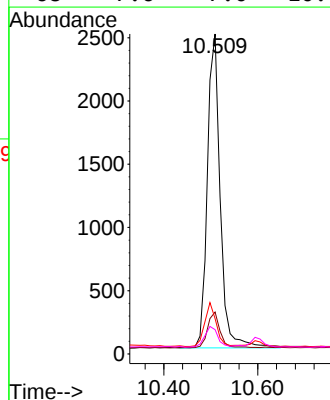
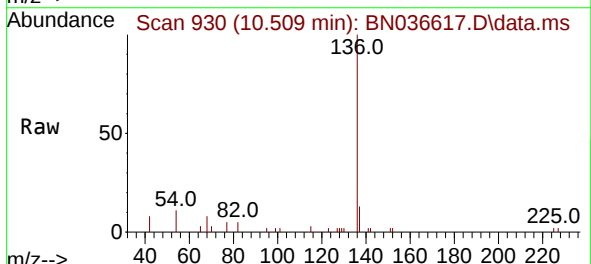
Instrument :
BNA_N
ClientSampleId :
BPOW6-8-20250312

Tgt Ion: 99 Resp: 468
Ion Ratio Lower Upper
99 100
42 64.5 26.5 39.7#
71 61.1 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: BN036617.D
Acq: 14 Mar 2025 21:43

Tgt Ion: 136 Resp: 4715
Ion Ratio Lower Upper
136 100
137 13.1 10.3 15.5
54 11.1 11.5 17.3#
68 7.6 7.0 10.4

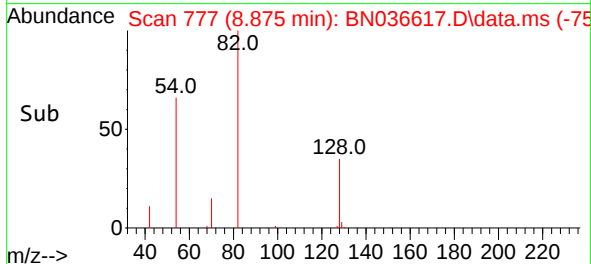
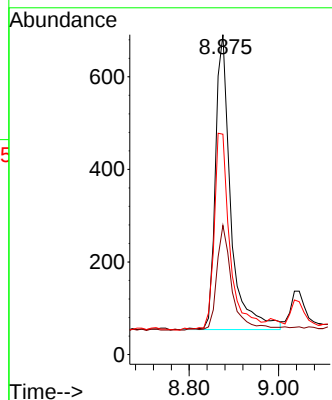
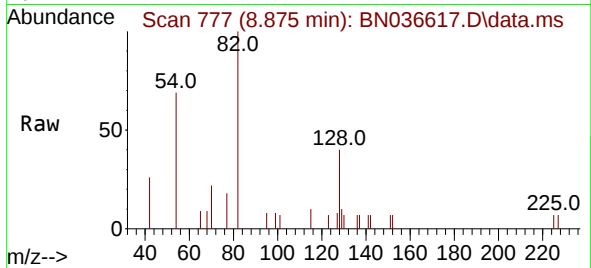




#8
 Nitrobenzene-d5
 Concen: 0.295 ng
 RT: 8.875 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN036617.D
 Acq: 14 Mar 2025 21:43

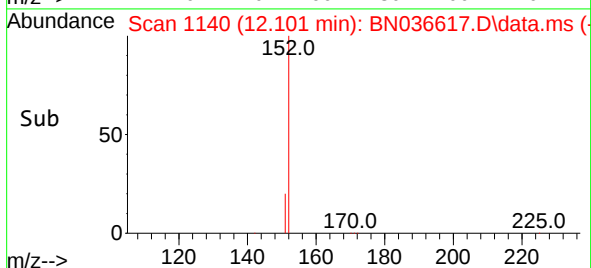
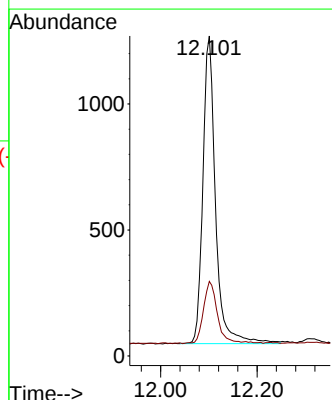
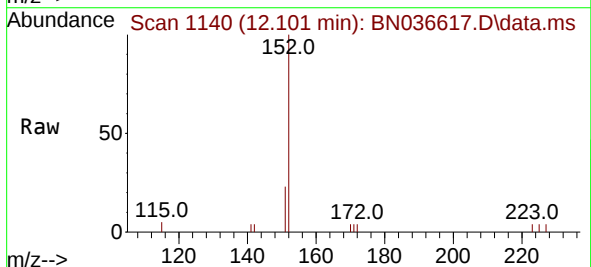
Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-8-20250312

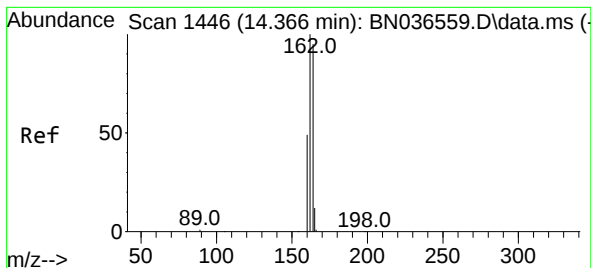
Tgt Ion: 82 Resp: 1515
 Ion Ratio Lower Upper
 82 100
 128 40.4 30.6 45.8
 54 68.9 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.317 ng
 RT: 12.101 min Scan# 1140
 Delta R.T. -0.010 min
 Lab File: BN036617.D
 Acq: 14 Mar 2025 21:43

Tgt Ion: 152 Resp: 2222
 Ion Ratio Lower Upper
 152 100
 151 22.2 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: BN036617.D

Acq: 14 Mar 2025 21:43

Instrument :

BNA_N

ClientSampleId :

BPOW6-8-20250312

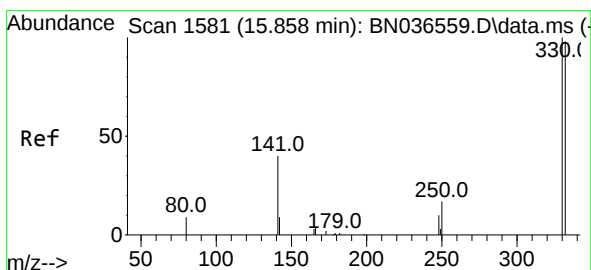
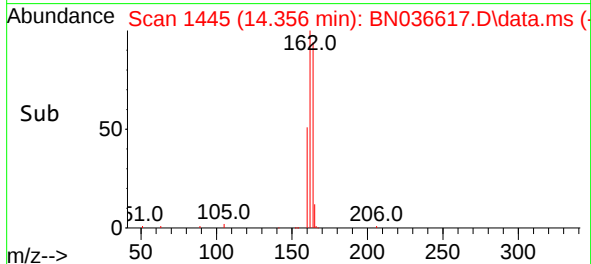
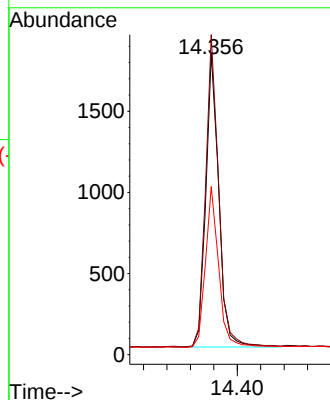
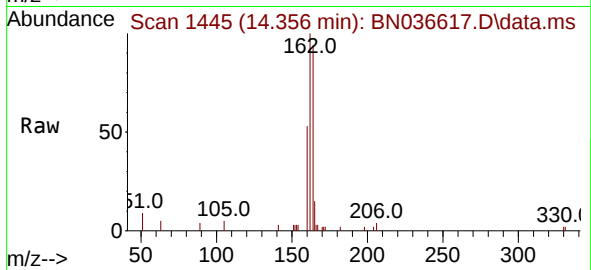
Tgt Ion:164 Resp: 2788

Ion Ratio Lower Upper

164 100

162 106.3 84.2 126.2

160 55.8 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 0.405 ng

RT: 15.858 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BN036617.D

Acq: 14 Mar 2025 21:43

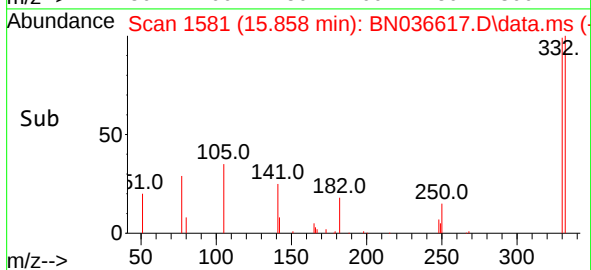
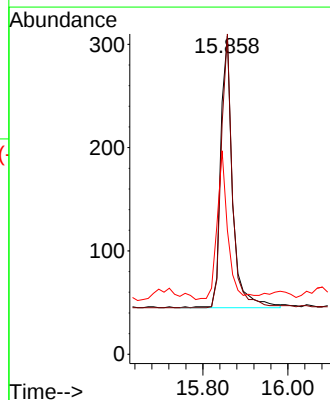
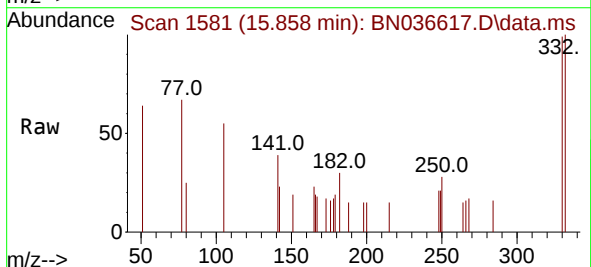
Tgt Ion:330 Resp: 512

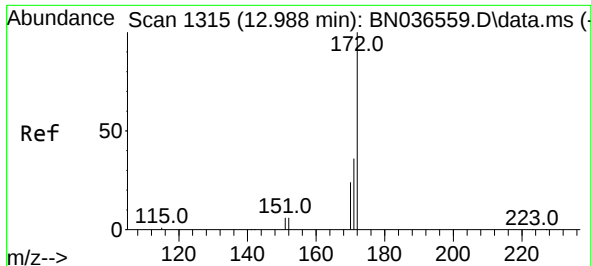
Ion Ratio Lower Upper

330 100

332 93.9 75.2 112.8

141 49.6 43.4 65.2

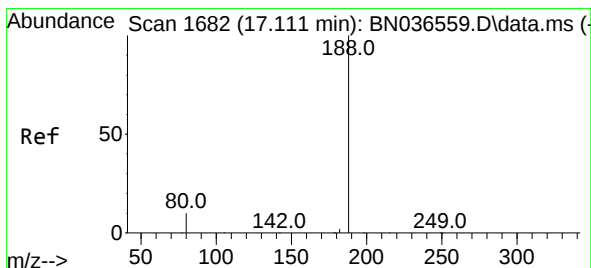
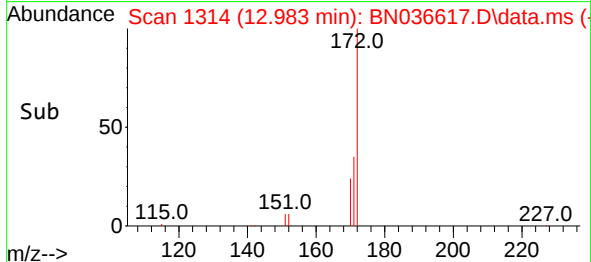
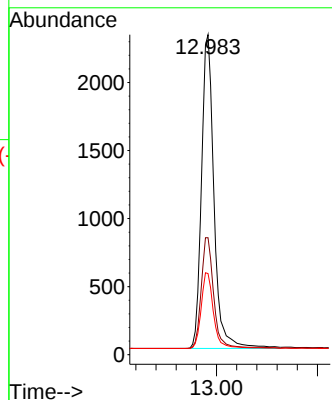
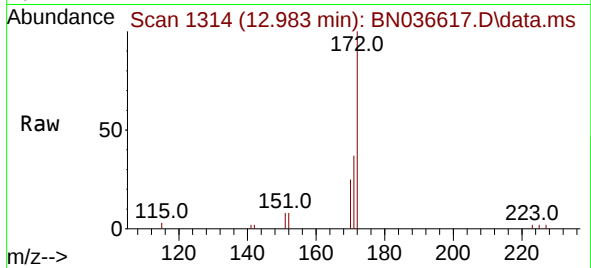




#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 12.983 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN036617.D
Acq: 14 Mar 2025 21:43

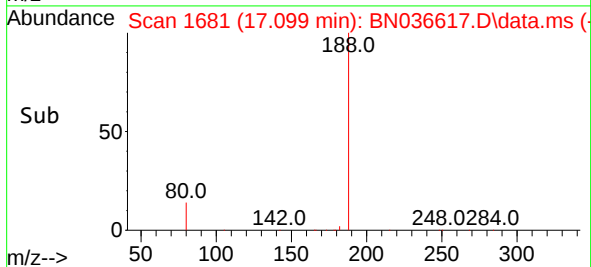
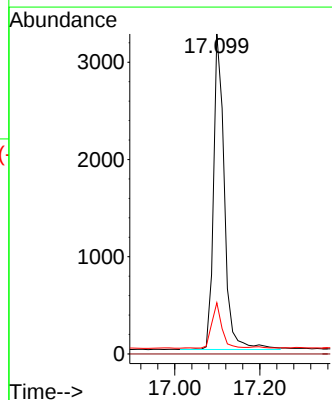
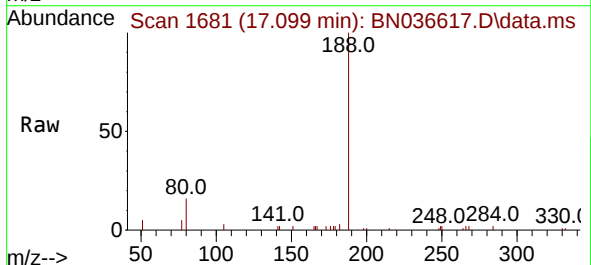
Instrument :
BNA_N
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BPOW6-8-20250312

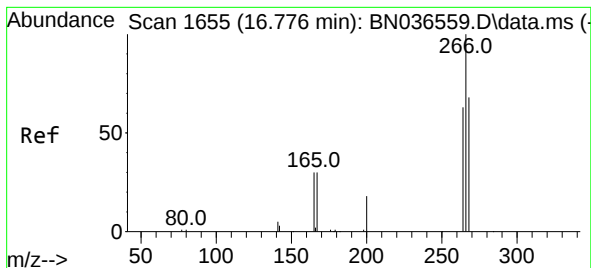
Tgt Ion:172 Resp: 5553
Ion Ratio Lower Upper
172 100
171 36.6 29.5 44.3
170 25.3 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN036617.D
Acq: 14 Mar 2025 21:43

Tgt Ion:188 Resp: 5747
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.0 8.8 13.2#





#24

Pentachlorophenol

Concen: 0.023 ng

RT: 16.764 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN036617.D

Acq: 14 Mar 2025 21:43

Instrument :

BNA_N

ClientSampleId :

BPOW6-8-20250312

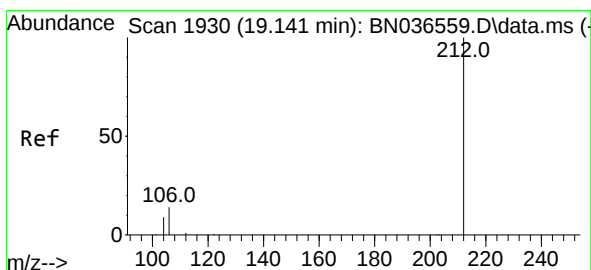
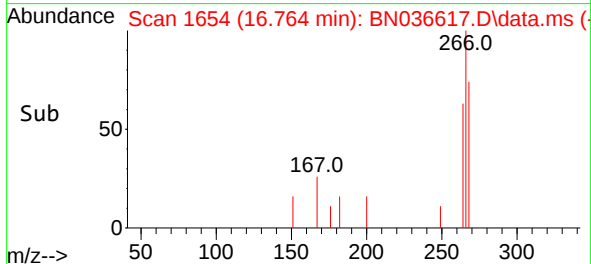
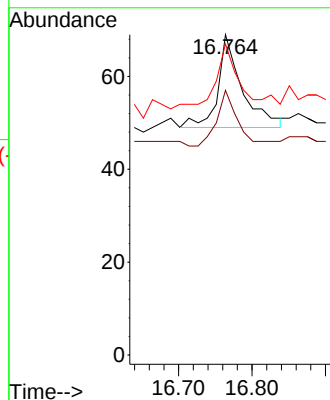
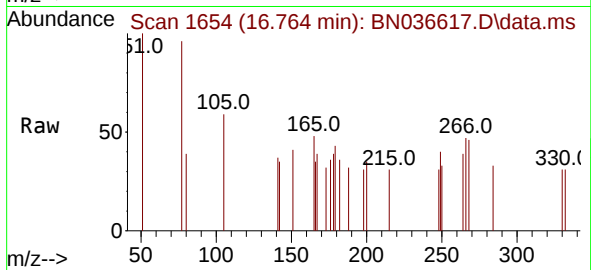
Tgt Ion:266 Resp: 46

Ion Ratio Lower Upper

266 100

264 50.0 49.6 74.4

268 82.6 50.9 76.3#



#27

Fluoranthene-d10

Concen: 0.435 ng

RT: 19.136 min Scan# 1929

Delta R.T. -0.005 min

Lab File: BN036617.D

Acq: 14 Mar 2025 21:43

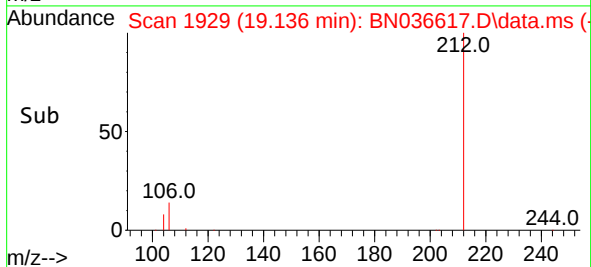
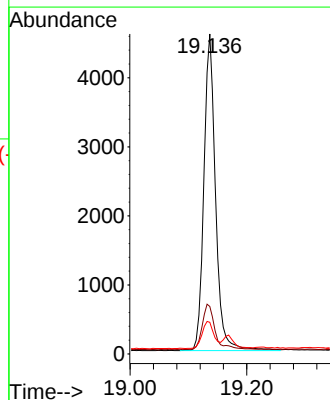
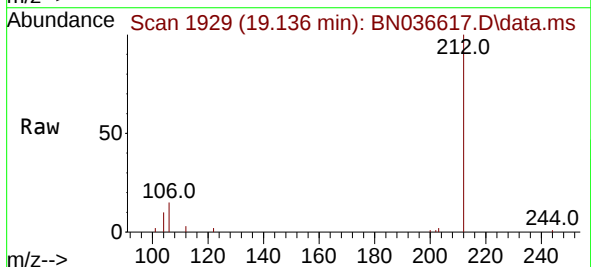
Tgt Ion:212 Resp: 6402

Ion Ratio Lower Upper

212 100

106 15.4 11.8 17.6

104 8.9 7.3 10.9

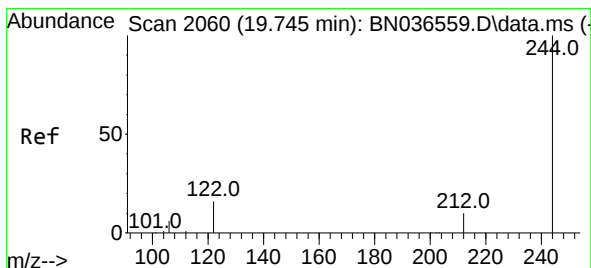
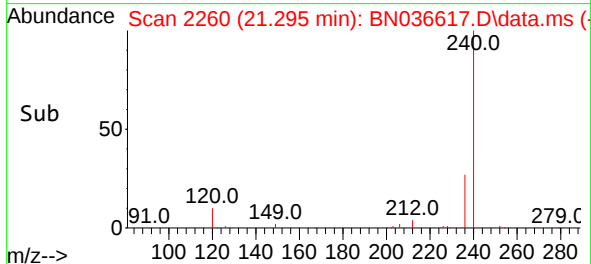
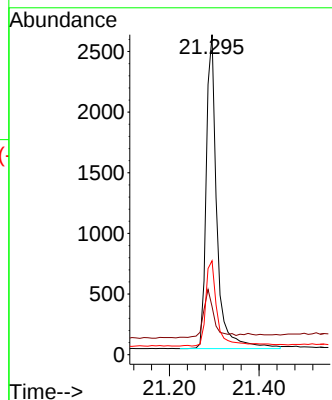
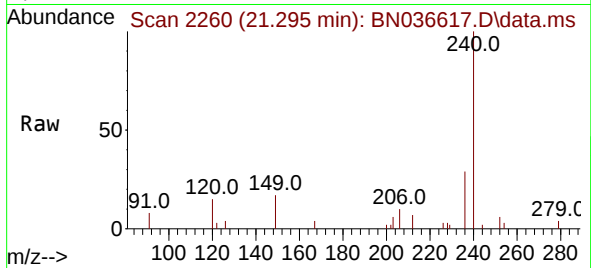




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036617.D
Acq: 14 Mar 2025 21:43

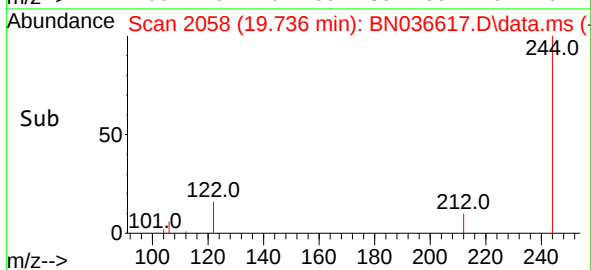
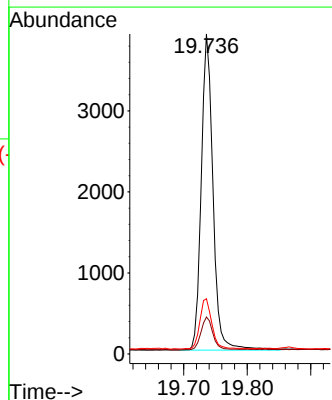
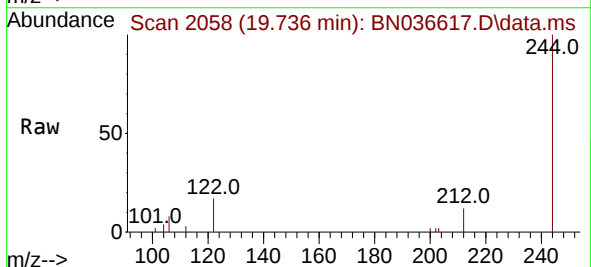
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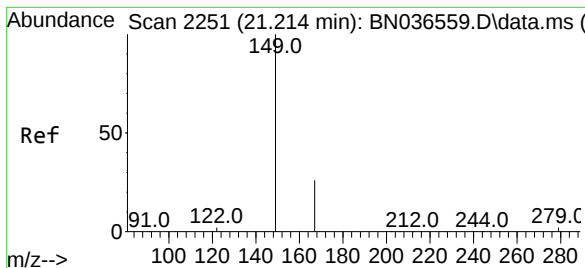
Tgt Ion:240 Resp: 4285
Ion Ratio Lower Upper
240 100
120 15.0 14.6 22.0
236 29.4 24.1 36.1



#31
Terphenyl-d14
Concen: 0.488 ng
RT: 19.736 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BN036617.D
Acq: 14 Mar 2025 21:43

Tgt Ion:244 Resp: 5014
Ion Ratio Lower Upper
244 100
212 11.5 9.6 14.4
122 17.2 13.9 20.9

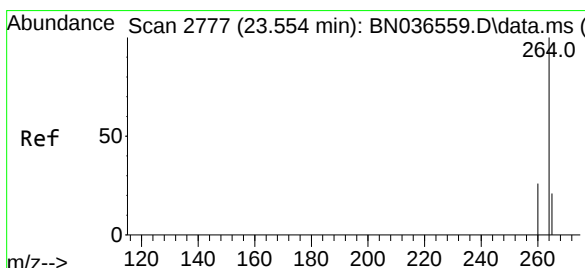
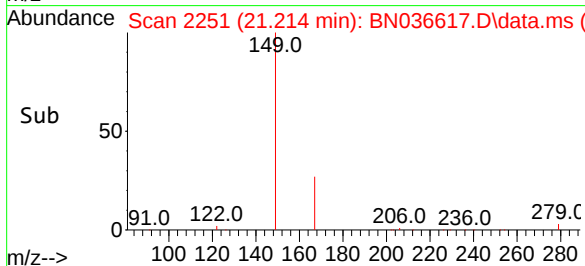
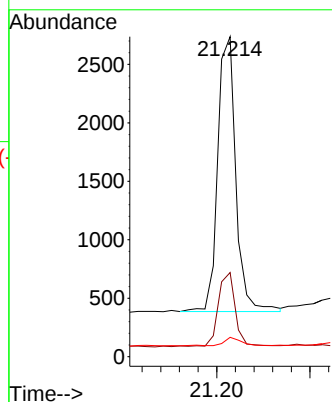
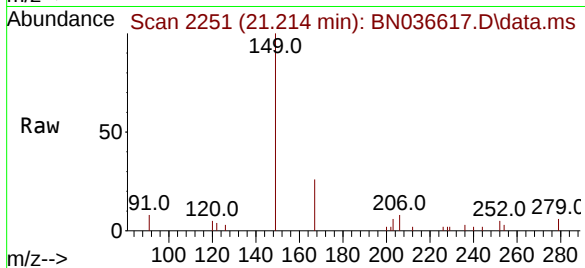




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.298 ng
 RT: 21.214 min Scan# 2125
 Delta R.T. 0.000 min
 Lab File: BN036617.D
 Acq: 14 Mar 2025 21:43

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-8-20250312

Tgt Ion:149 Resp: 3157
 Ion Ratio Lower Upper
 149 100
 167 24.8 20.7 31.1
 279 3.0 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.546 min Scan# 2774
 Delta R.T. -0.009 min
 Lab File: BN036617.D
 Acq: 14 Mar 2025 21:43

Tgt Ion:264 Resp: 3617
 Ion Ratio Lower Upper
 264 100
 260 26.3 22.6 33.8
 265 93.0 88.1 132.1

