

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
 Data File : BN036660.D
 Acq On : 17 Mar 2025 15:31
 Operator : RC/JU
 Sample : Q1582-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D1-20250313

Quant Time: Mar 17 16:25:56 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)

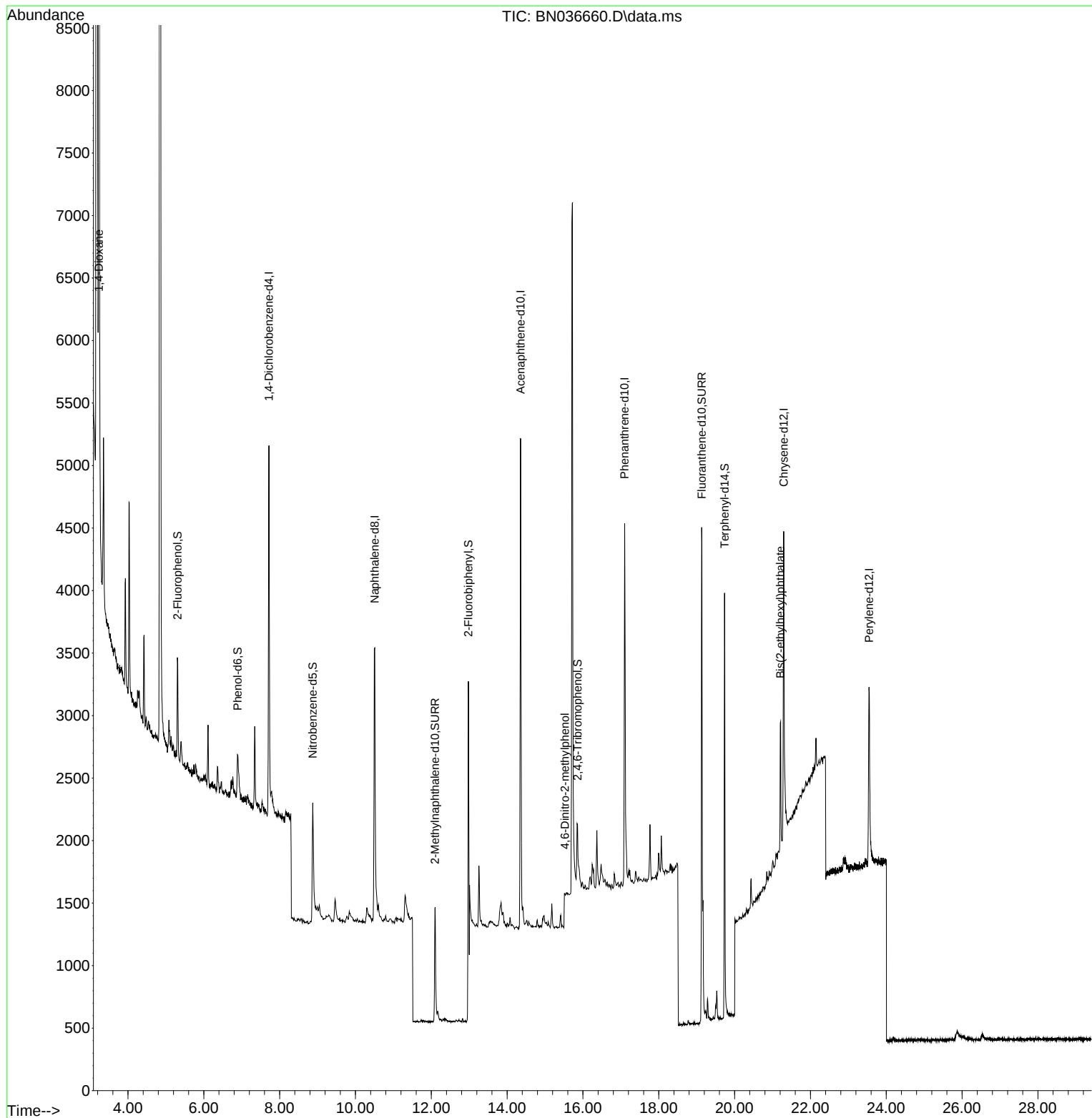
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1526	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	3719	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2286	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	4473	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	2911	0.400	ng	0.00
35) Perylene-d12	23.546	264	2391	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	605	0.170	ng	0.00
5) Phenol-d6	6.894	99	418	0.095	ng	0.00
8) Nitrobenzene-d5	8.875	82	1156	0.286	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	1611	0.291	ng	-0.02
14) 2,4,6-Tribromophenol	15.858	330	371	0.358	ng	0.00
15) 2-Fluorobiphenyl	12.978	172	4087	0.307	ng	-0.01
27) Fluoranthene-d10	19.136	212	4934	0.430	ng	0.00
31) Terphenyl-d14	19.736	244	3540	0.508	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.232	88	6134	3.624	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.522	198	8	0.153	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.205	149	1193	0.166	ng	# 97

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

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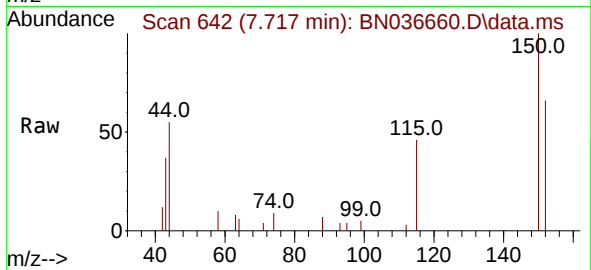
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration



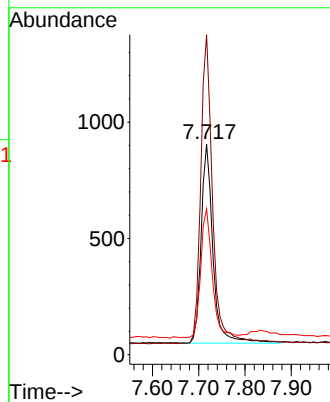
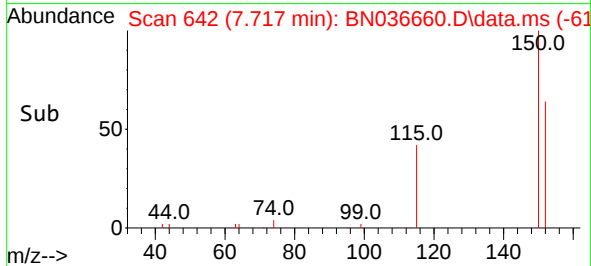


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036660.D
 Acq: 17 Mar 2025 15:31

Instrument :
 BNA_N
 ClientSampleId :
 TT180D1-20250313

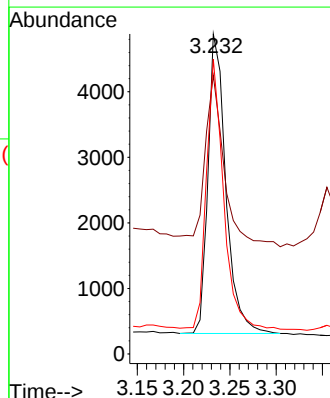
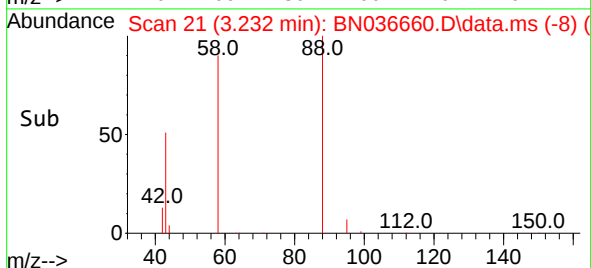
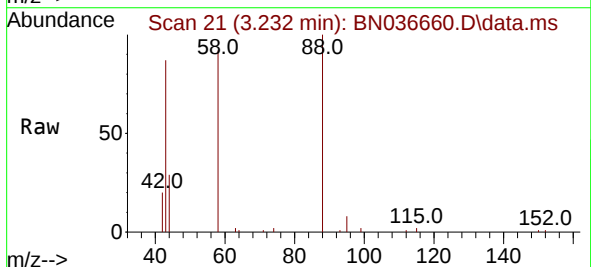


Tgt Ion:152 Resp: 1526
 Ion Ratio Lower Upper
 152 100
 150 152.0 123.7 185.5
 115 69.3 54.3 81.5



#2
 1,4-Dioxane
 Concen: 3.624 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN036660.D
 Acq: 17 Mar 2025 15:31

Tgt Ion: 88 Resp: 6134
 Ion Ratio Lower Upper
 88 100
 43 62.8 37.8 56.8#
 58 86.6 67.4 101.2

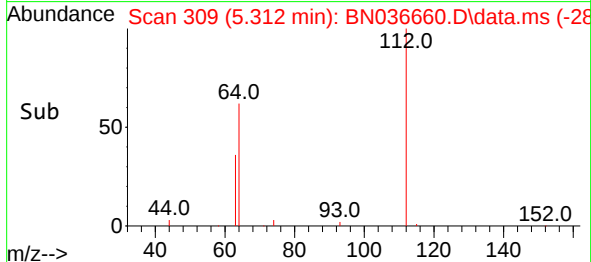
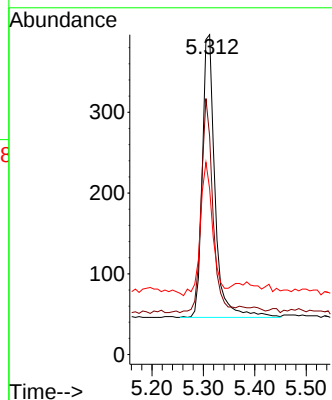
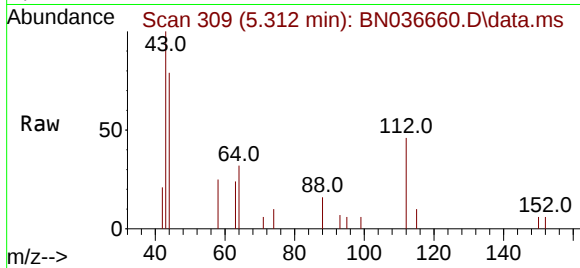




#4
2-Fluorophenol
Concen: 0.170 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036660.D
Acq: 17 Mar 2025 15:31

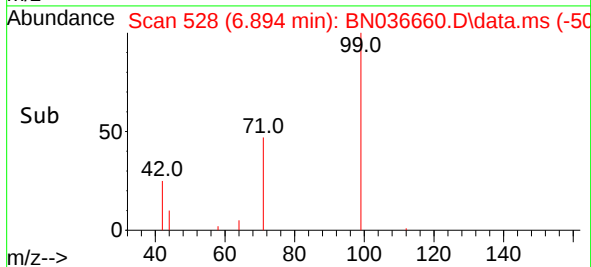
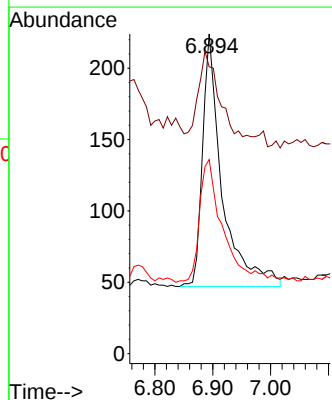
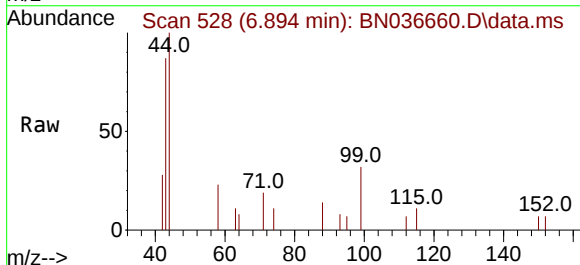
Instrument :
BNA_N
ClientSampleId :
TT180D1-20250313

Tgt Ion:112 Resp: 605
Ion Ratio Lower Upper
112 100
64 68.8 53.1 79.7
63 45.6 31.8 47.8



#5
Phenol-d6
Concen: 0.095 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036660.D
Acq: 17 Mar 2025 15:31

Tgt Ion: 99 Resp: 418
Ion Ratio Lower Upper
99 100
42 33.0 26.5 39.7
71 58.9 34.1 51.1#

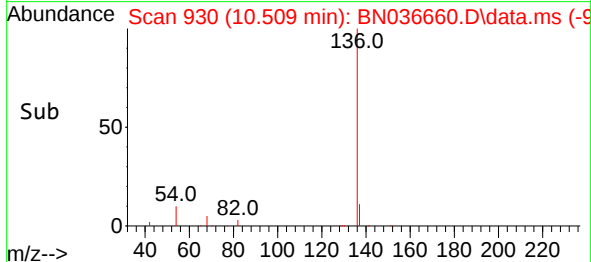
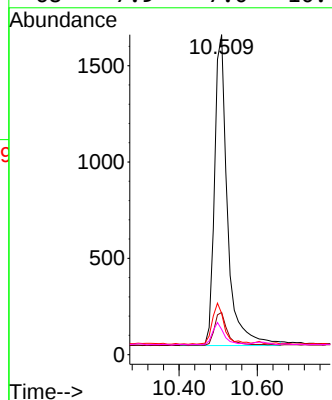
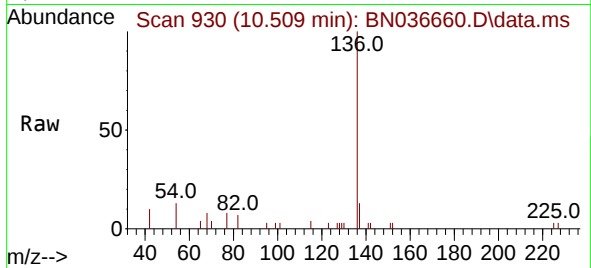




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036660.D
Acq: 17 Mar 2025 15:31

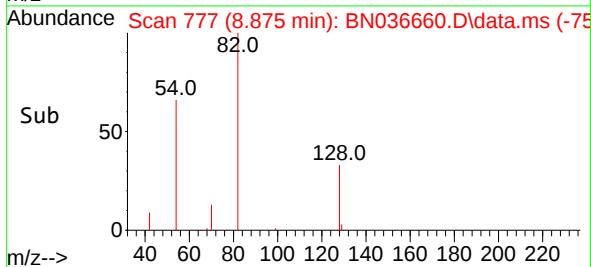
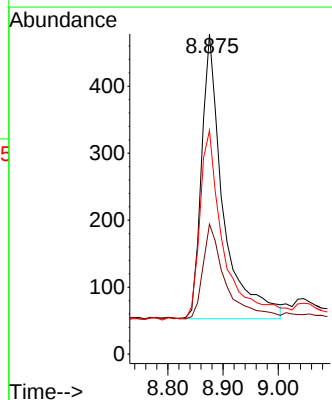
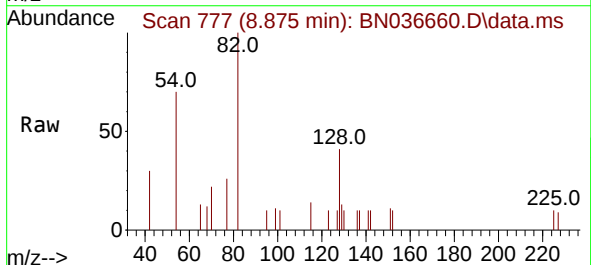
Instrument :
BNA_N
ClientSampleId :
TT180D1-20250313

Tgt Ion:	136	Resp:	3719
Ion	Ratio	Lower	Upper
136	100		
137	13.2	10.3	15.5
54	12.9	11.5	17.3
68	7.9	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.286 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036660.D
Acq: 17 Mar 2025 15:31

Tgt Ion:	82	Resp:	1156
Ion	Ratio	Lower	Upper
82	100		
128	40.6	30.6	45.8
54	69.9	52.2	78.4





#11

2-Methylnaphthalene-d10

Concen: 0.291 ng

RT: 12.096 min Scan# 1139

Delta R.T. -0.015 min

Lab File: BN036660.D

Acq: 17 Mar 2025 15:31

Instrument :

BNA_N

ClientSampleId :

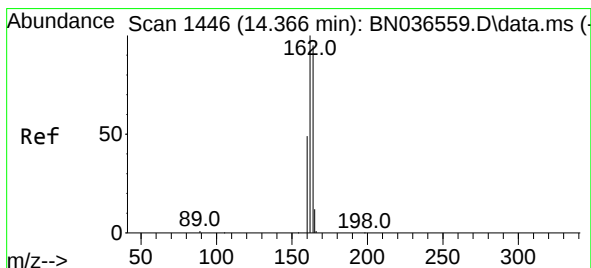
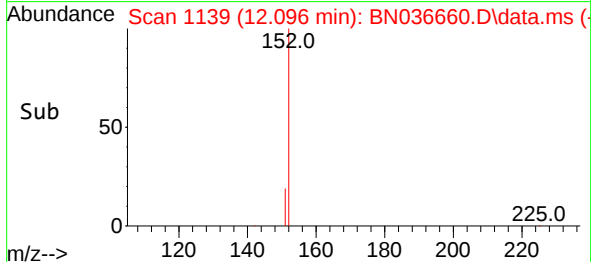
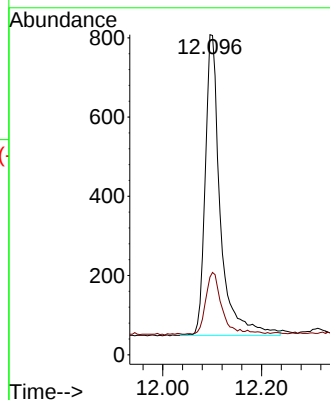
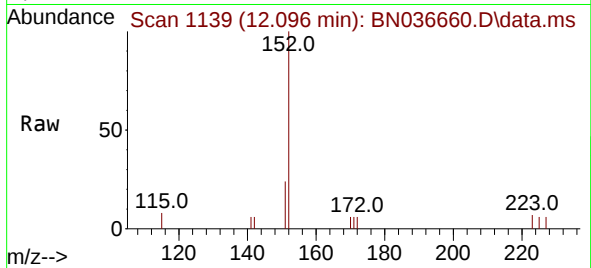
TT180D1-20250313

Tgt Ion:152 Resp: 1611

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.355 min Scan# 1445

Delta R.T. -0.011 min

Lab File: BN036660.D

Acq: 17 Mar 2025 15:31

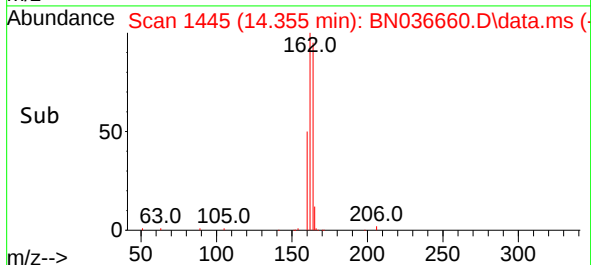
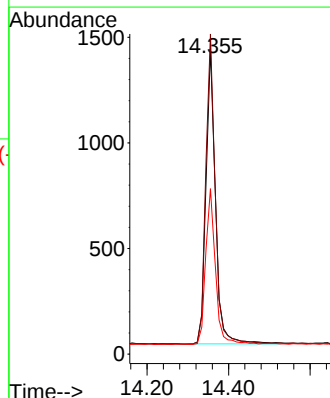
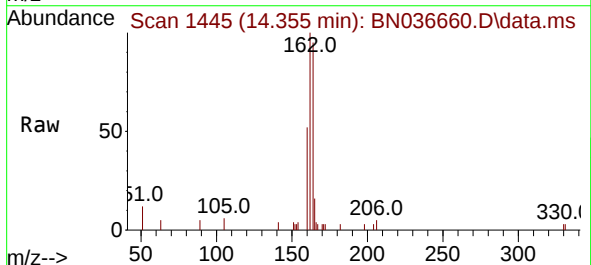
Tgt Ion:164 Resp: 2286

Ion Ratio Lower Upper

164 100

162 105.1 84.2 126.2

160 54.3 42.2 63.2

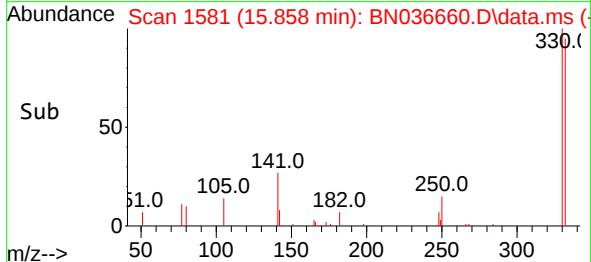
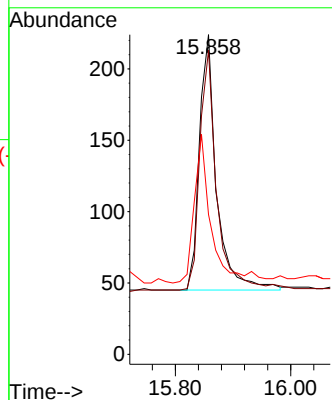
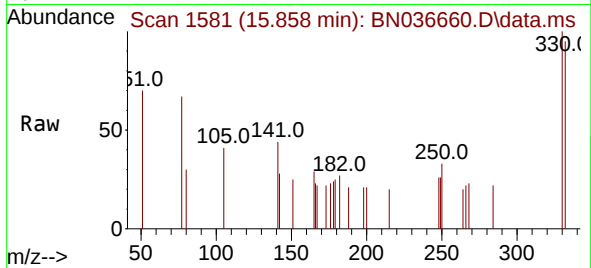




#14
2,4,6-Tribromophenol
Concen: 0.358 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036660.D
Acq: 17 Mar 2025 15:31

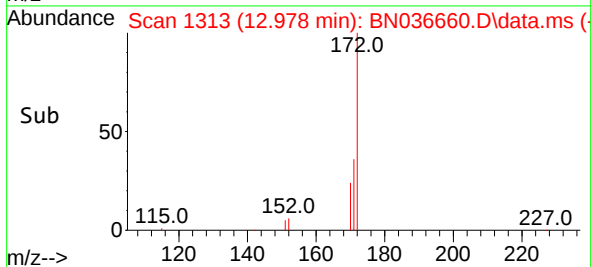
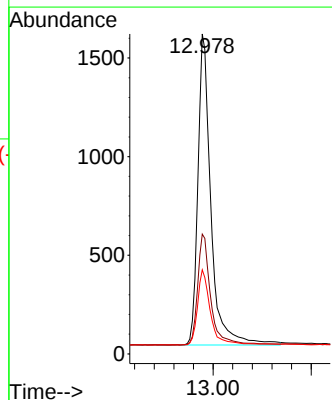
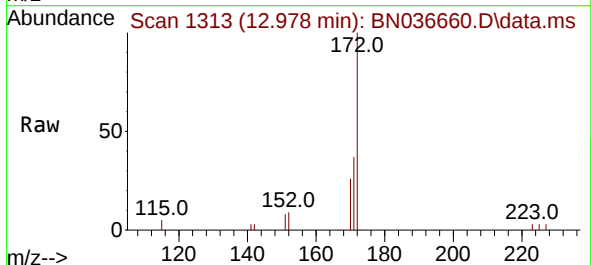
Instrument :
BNA_N
ClientSampleId :
TT180D1-20250313

Tgt Ion: 330 Resp: 371
Ion Ratio Lower Upper
330 100
332 93.8 75.2 112.8
141 57.1 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.010 min
Lab File: BN036660.D
Acq: 17 Mar 2025 15:31

Tgt Ion: 172 Resp: 4087
Ion Ratio Lower Upper
172 100
171 37.4 29.5 44.3
170 26.3 20.2 30.4

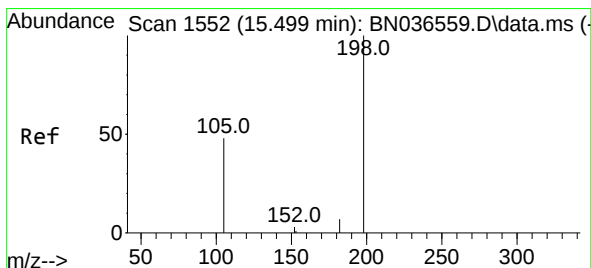
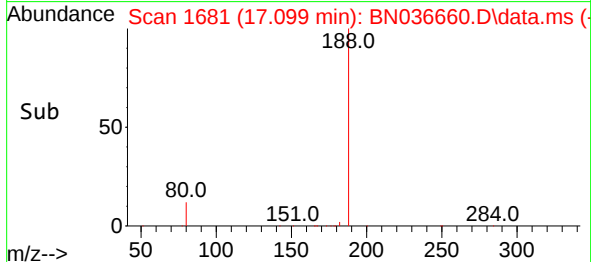
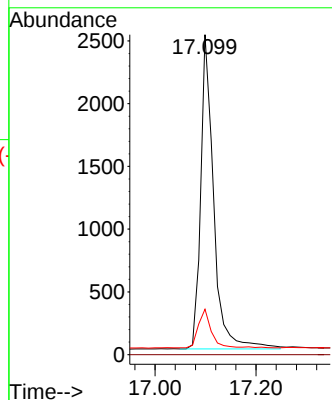
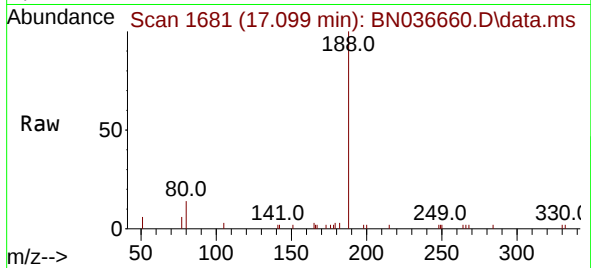




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036660.D
Acq: 17 Mar 2025 15:31

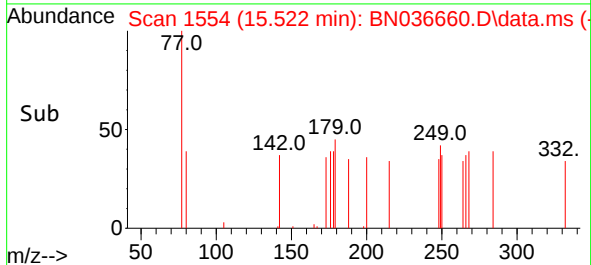
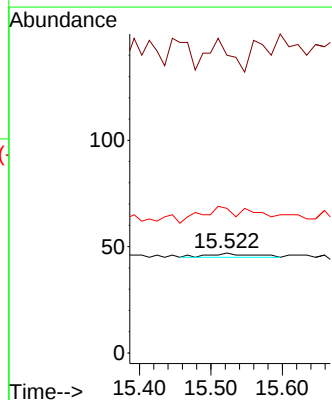
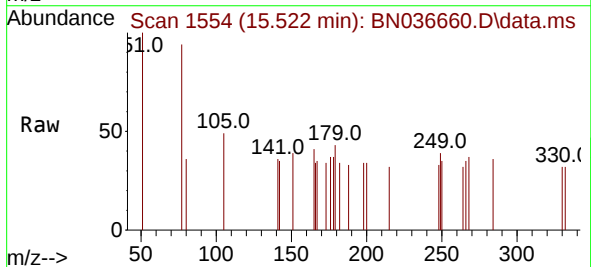
Instrument :
BNA_N
ClientSampleId :
TT180D1-20250313

Tgt Ion:188 Resp: 4473
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.2 8.8 13.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.153 ng
RT: 15.522 min Scan# 1554
Delta R.T. 0.023 min
Lab File: BN036660.D
Acq: 17 Mar 2025 15:31

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 297.9 107.9 161.9#
105 144.7 56.2 84.2#

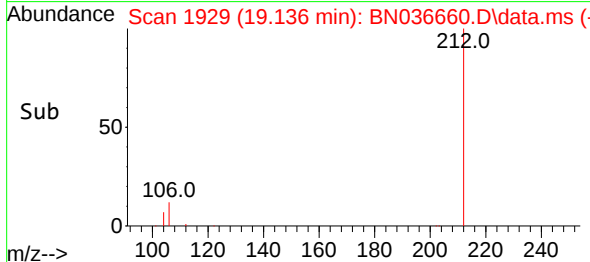
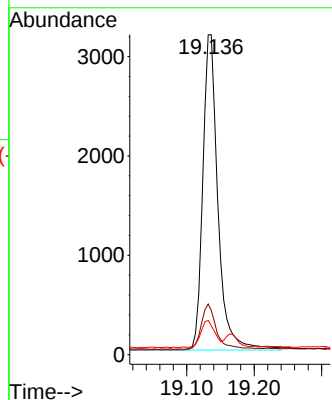
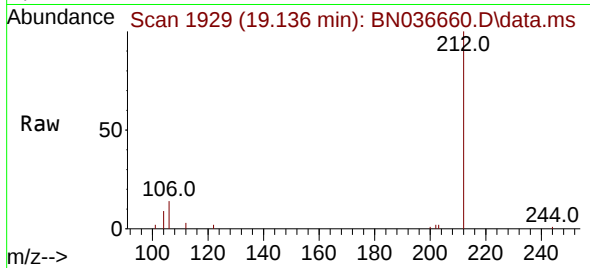




#27
Fluoranthene-d10
Concen: 0.430 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036660.D
Acq: 17 Mar 2025 15:31

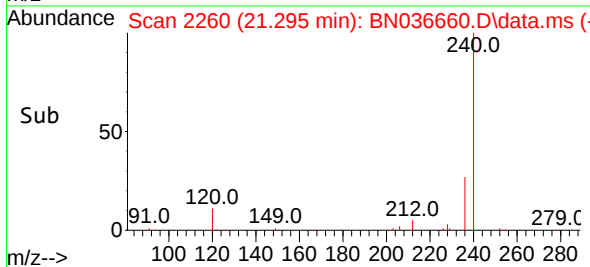
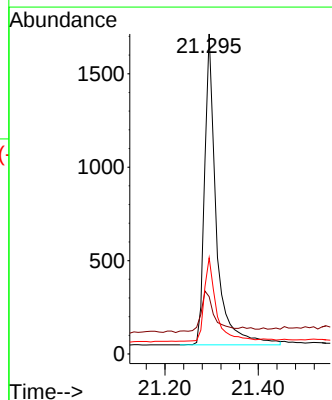
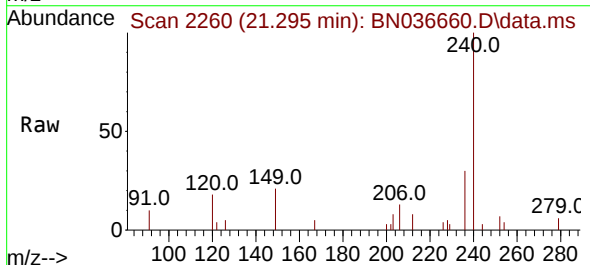
Instrument :
BNA_N
ClientSampleId :
TT180D1-20250313

Tgt Ion:212 Resp: 4934
Ion Ratio Lower Upper
212 100
106 14.2 11.8 17.6
104 8.1 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036660.D
Acq: 17 Mar 2025 15:31

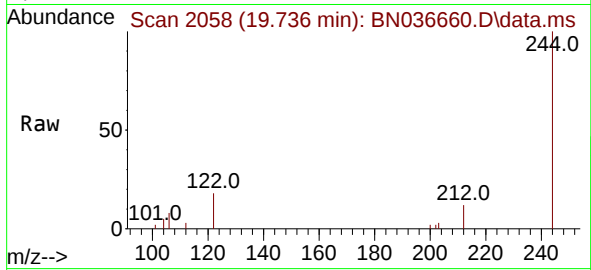
Tgt Ion:240 Resp: 2911
Ion Ratio Lower Upper
240 100
120 17.9 14.6 22.0
236 30.1 24.1 36.1



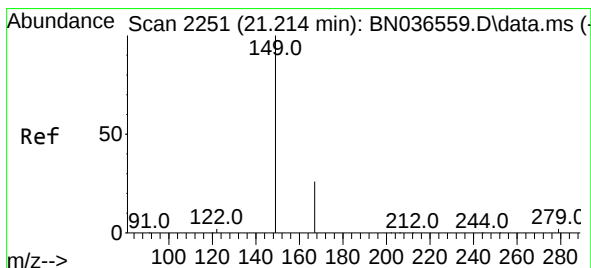
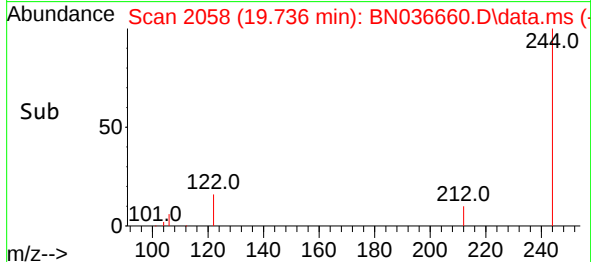
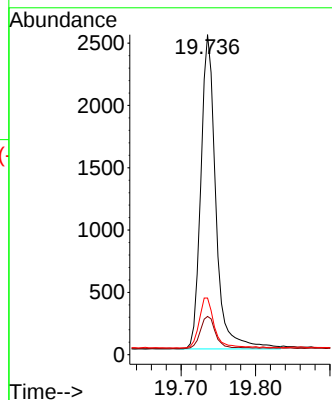


#31
Terphenyl-d14
Concen: 0.508 ng
RT: 19.736 min Scan# 2060
Delta R.T. -0.009 min
Lab File: BN036660.D
Acq: 17 Mar 2025 15:31

Instrument :
BNA_N
ClientSampleId :
TT180D1-20250313

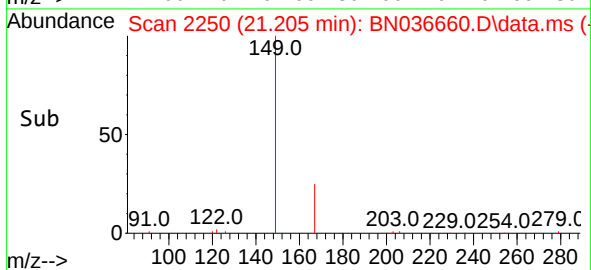
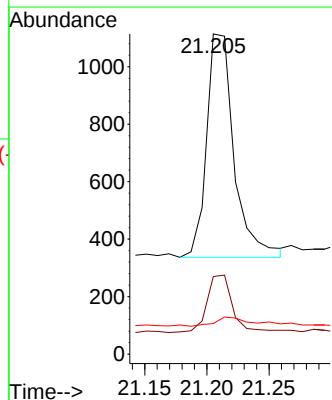
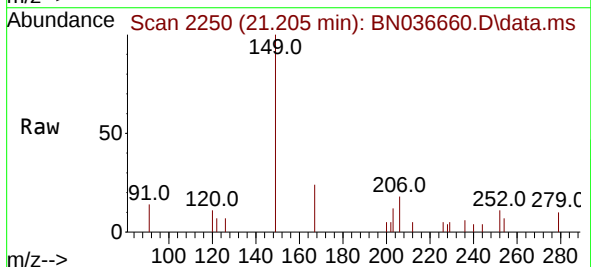


Tgt Ion:244 Resp: 3540
Ion Ratio Lower Upper
244 100
212 12.0 9.6 14.4
122 17.7 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.166 ng
RT: 21.205 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN036660.D
Acq: 17 Mar 2025 15:31

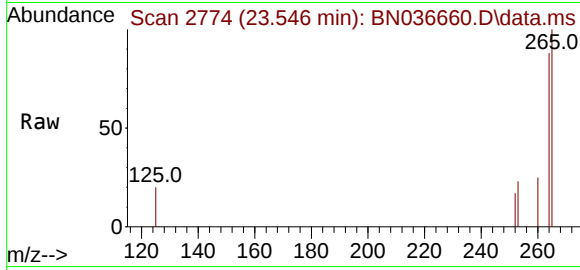
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Ion Ratio Lower Upper
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167 24.6 20.7 31.1
279 5.9 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.546 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN036660.D
Acq: 17 Mar 2025 15:31

Instrument :
BNA_N
ClientSampleId :
TT180D1-20250313



Tgt Ion:264 Resp: 2391
Ion Ratio Lower Upper
264 100
260 28.3 22.6 33.8
265 114.3 88.1 132.1

