

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036800.D
 Acq On : 29 Mar 2025 08:08
 Operator : RC/JU
 Sample : Q1629-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW09-MW01D3-20250320

Quant Time: Mar 31 01:59:08 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)

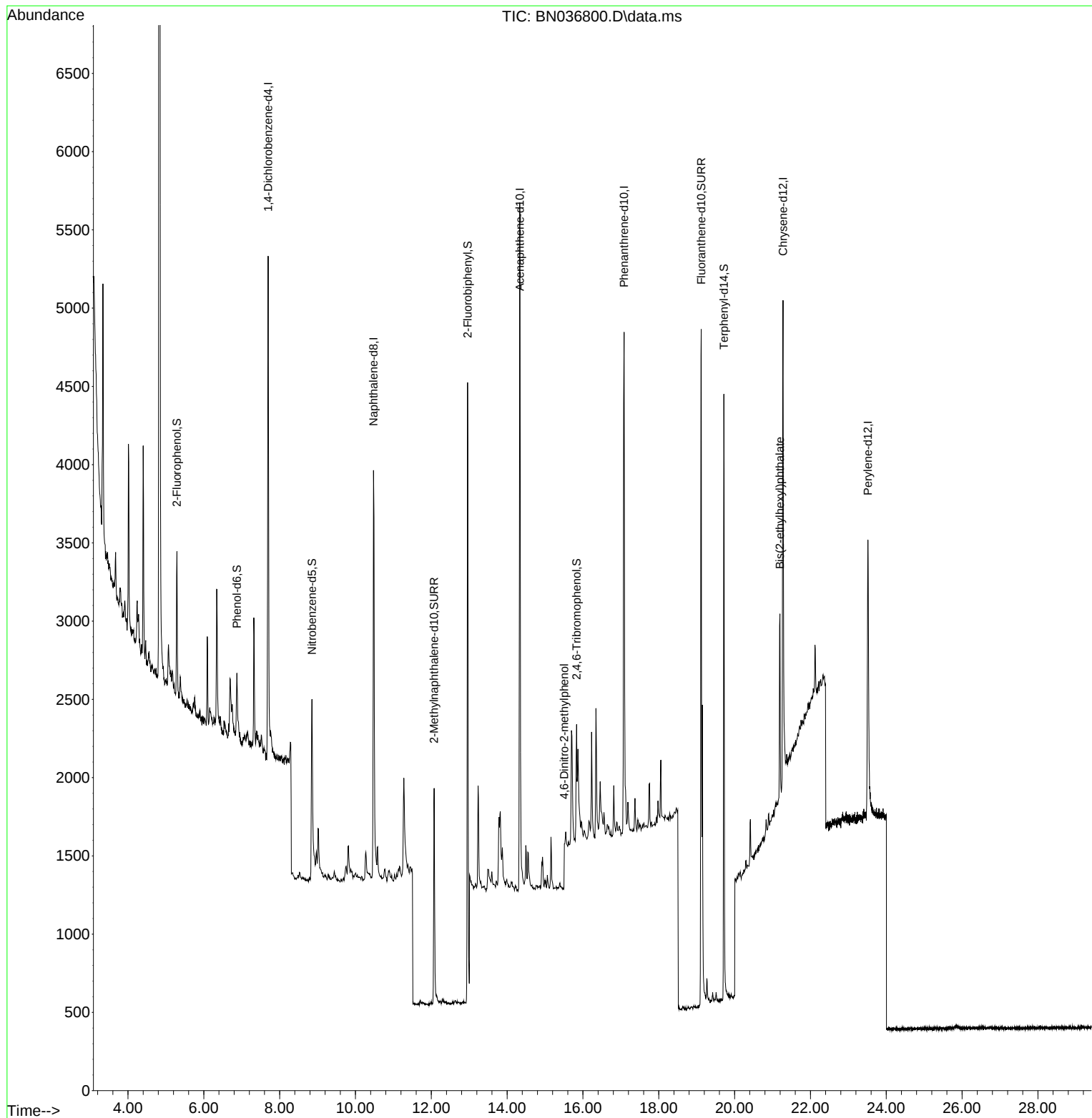
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1638	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	3883	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	2532	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	5189	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	3677	0.400	ng	#-0.02
35) Perylene-d12	23.516	264	2995	0.400	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	672	0.176	ng	-0.02
5) Phenol-d6	6.872	99	435	0.092	ng	-0.03
8) Nitrobenzene-d5	8.854	82	1333	0.316	ng	-0.02
11) 2-Methylnaphthalene-d10	12.075	152	2132	0.369	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	471	0.410	ng	-0.02
15) 2-Fluorobiphenyl	12.958	172	5254	0.357	ng	-0.03
27) Fluoranthene-d10	19.118	212	5440	0.409	ng	-0.02
31) Terphenyl-d14	19.717	244	3816	0.433	ng	-0.03
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.510	198	3	0.148	ng	# 3
34) Bis(2-ethylhexyl)phtha...	21.196	149	1338	0.147	ng	# 97

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

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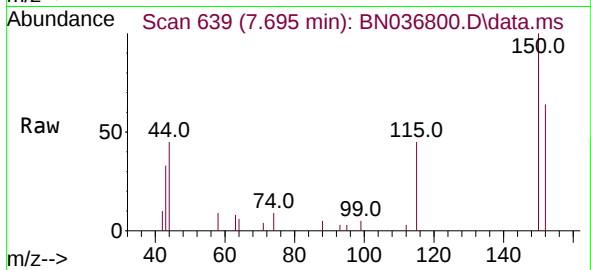
Quant Time: Mar 31 01:59:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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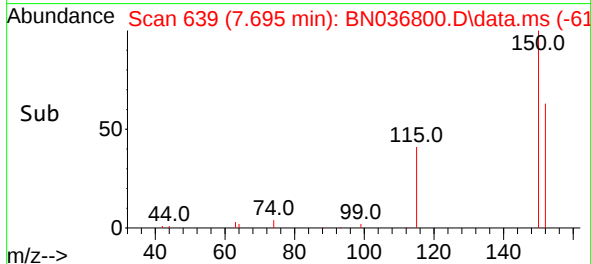
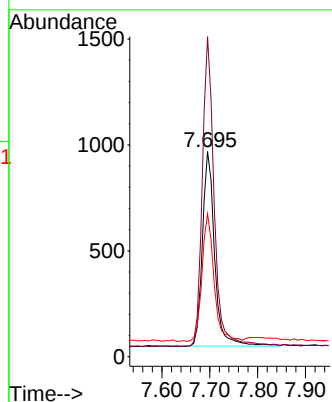


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.695 min Scan# 61
Delta R.T. -0.029 min
Lab File: BN036800.D
Acq: 29 Mar 2025 08:08

Instrument :
BNA_N
ClientSampleId :
RW09-MW01D3-20250320

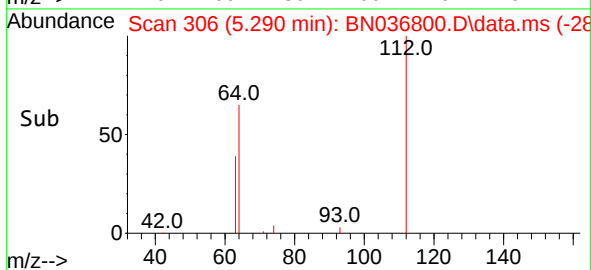
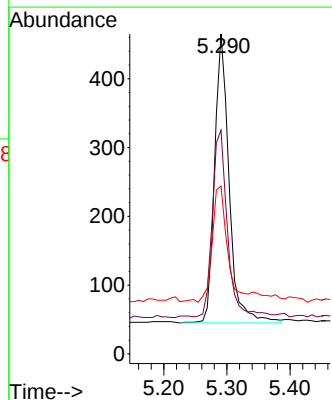
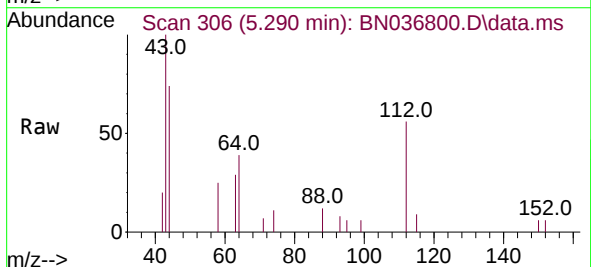


Tgt Ion:152 Resp: 1638
Ion Ratio Lower Upper
152 100
150 155.9 123.7 185.5
115 69.7 54.3 81.5



#4
2-Fluorophenol
Concen: 0.176 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN036800.D
Acq: 29 Mar 2025 08:08

Tgt Ion:112 Resp: 672
Ion Ratio Lower Upper
112 100
64 67.0 53.1 79.7
63 40.6 31.8 47.8

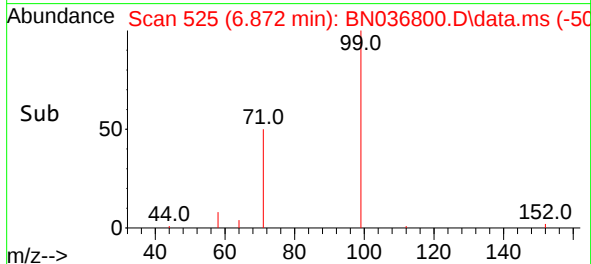
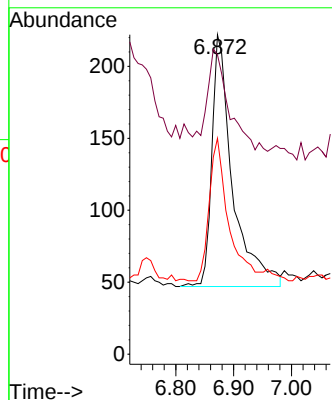
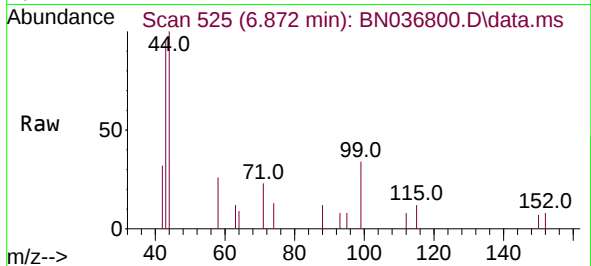




#5
Phenol-d6
Concen: 0.092 ng
RT: 6.872 min Scan# 51
Delta R.T. -0.029 min
Lab File: BN036800.D
Acq: 29 Mar 2025 08:08

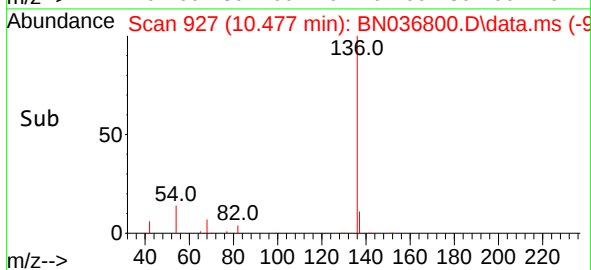
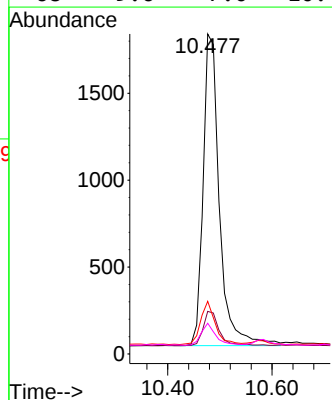
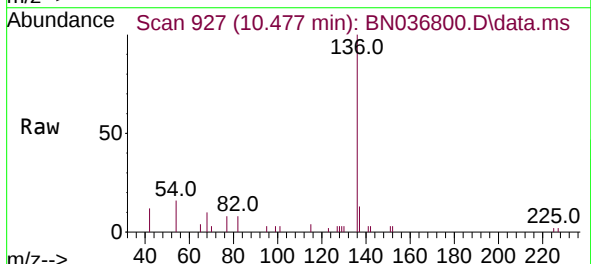
Instrument :
BNA_N
ClientSampleId :
RW09-MW01D3-20250320

Tgt Ion: 99 Resp: 435
Ion Ratio Lower Upper
99 100
42 44.1 26.5 39.7#
71 52.0 34.1 51.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 927
Delta R.T. -0.032 min
Lab File: BN036800.D
Acq: 29 Mar 2025 08:08

Tgt Ion: 136 Resp: 3883
Ion Ratio Lower Upper
136 100
137 13.3 10.3 15.5
54 16.5 11.5 17.3
68 9.6 7.0 10.4

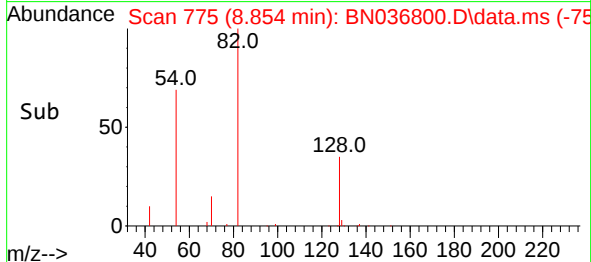
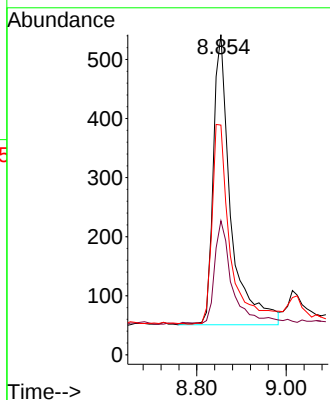
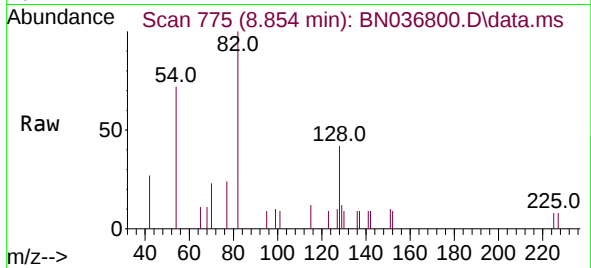




#8
 Nitrobenzene-d5
 Concen: 0.316 ng
 RT: 8.854 min Scan# 71
 Delta R.T. -0.021 min
 Lab File: BN036800.D
 Acq: 29 Mar 2025 08:08

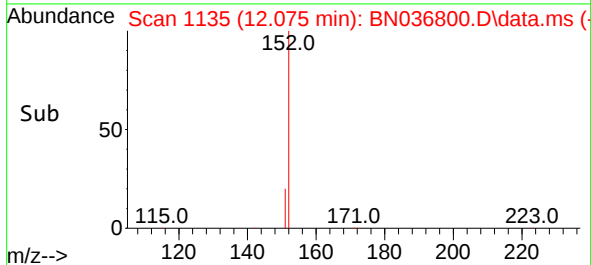
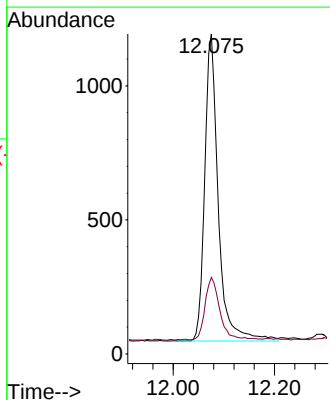
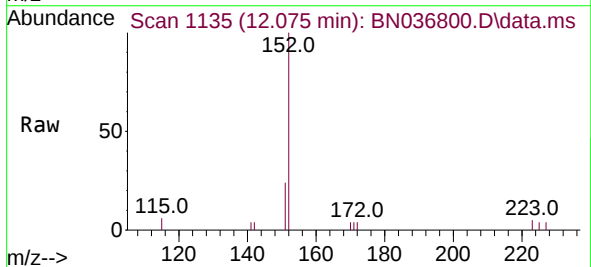
Instrument :
 BNA_N
 ClientSampleId :
 RW09-MW01D3-20250320

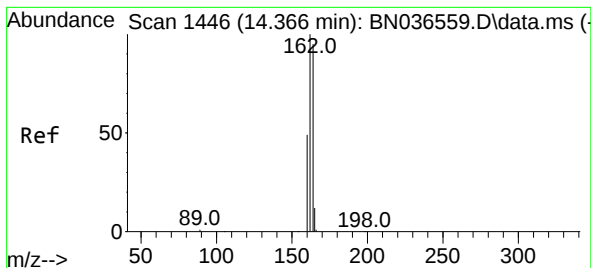
Tgt Ion:	82	Resp:	1333
Ion	Ratio	Lower	Upper
82	100		
128	41.9	30.6	45.8
54	71.8	52.2	78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.369 ng
 RT: 12.075 min Scan# 1135
 Delta R.T. -0.035 min
 Lab File: BN036800.D
 Acq: 29 Mar 2025 08:08

Tgt Ion:	152	Resp:	2132
Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.0	25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.334 min Scan# 1443

Delta R.T. -0.032 min

Lab File: BN036800.D

Acq: 29 Mar 2025 08:08

Instrument :

BNA_N

ClientSampleId :

RW09-MW01D3-20250320

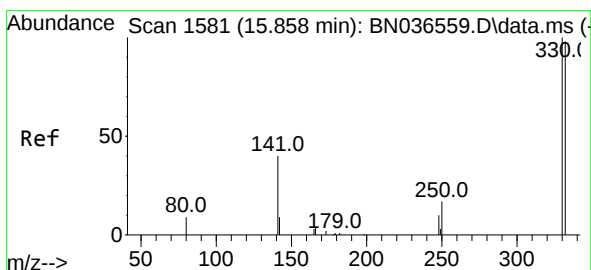
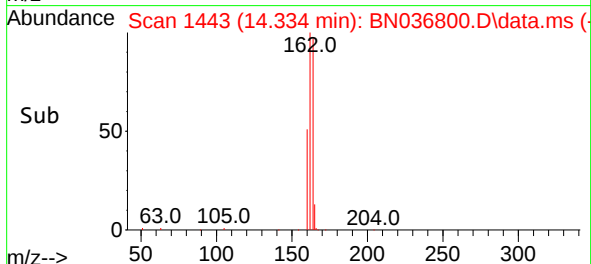
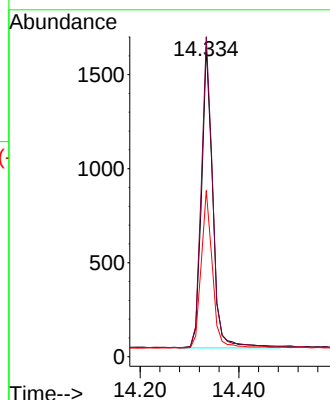
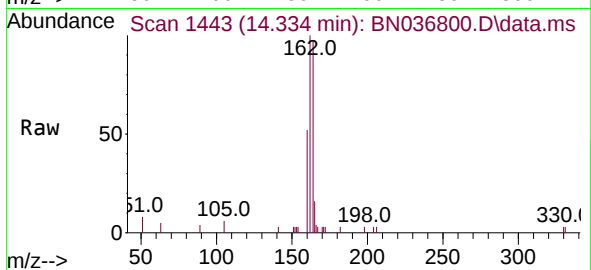
Tgt Ion:164 Resp: 2532

Ion Ratio Lower Upper

164 100

162 103.2 84.2 126.2

160 53.6 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 0.410 ng

RT: 15.833 min Scan# 1579

Delta R.T. -0.025 min

Lab File: BN036800.D

Acq: 29 Mar 2025 08:08

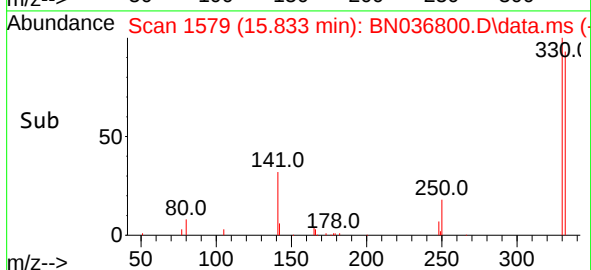
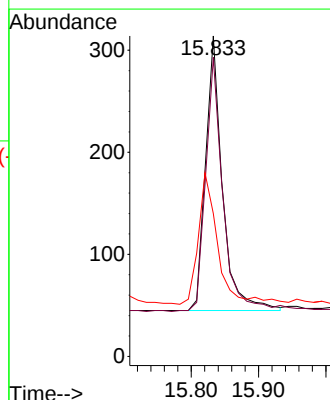
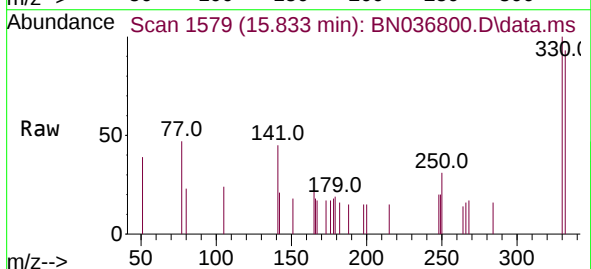
Tgt Ion:330 Resp: 471

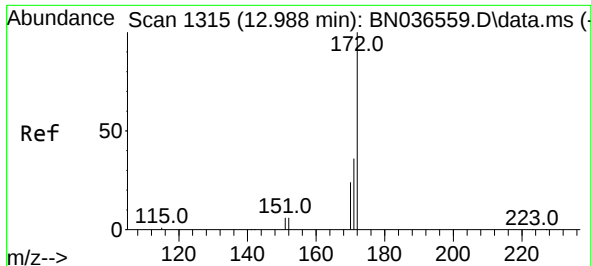
Ion Ratio Lower Upper

330 100

332 96.2 75.2 112.8

141 55.4 43.4 65.2

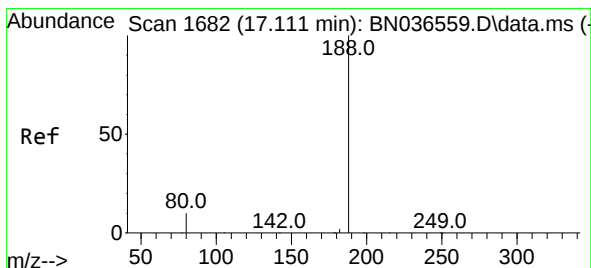
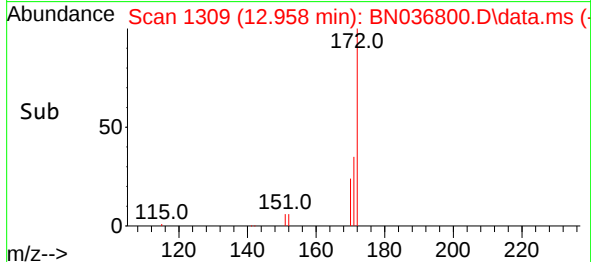
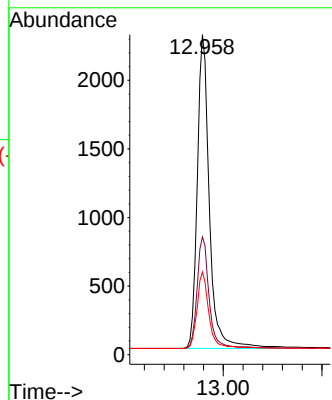
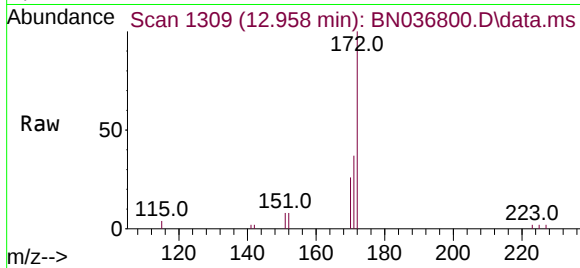




#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 12.958 min Scan# 11
Delta R.T. -0.030 min
Lab File: BN036800.D
Acq: 29 Mar 2025 08:08

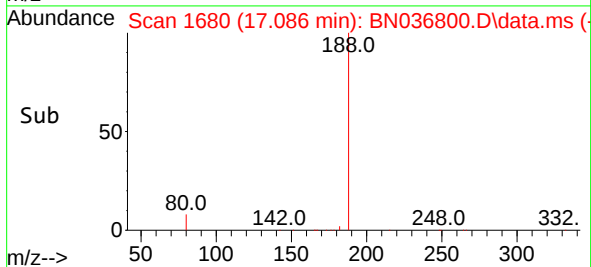
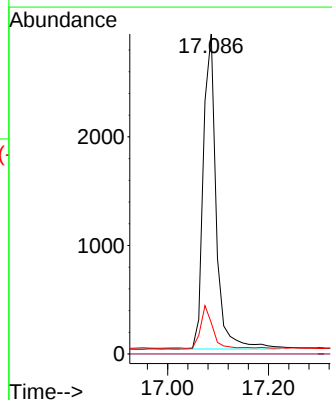
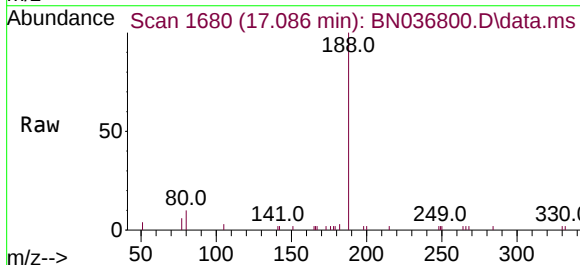
Instrument :
BNA_N
ClientSampleId :
RW09-MW01D3-20250320

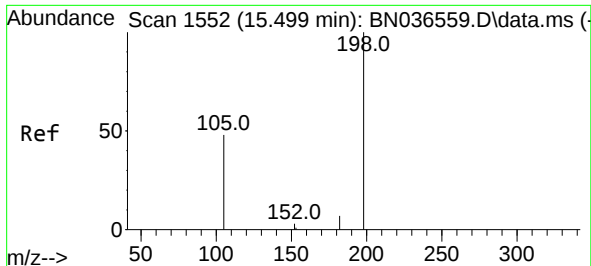
Tgt Ion:172 Resp: 5254
Ion Ratio Lower Upper
172 100
171 36.8 29.5 44.3
170 25.8 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036800.D
Acq: 29 Mar 2025 08:08

Tgt Ion:188 Resp: 5189
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 8.8 13.2

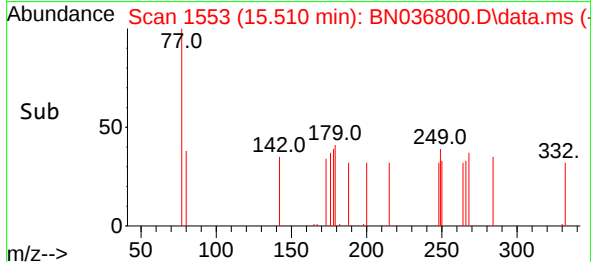
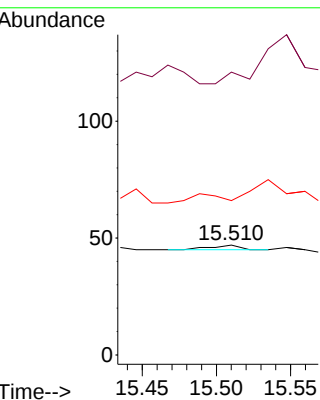
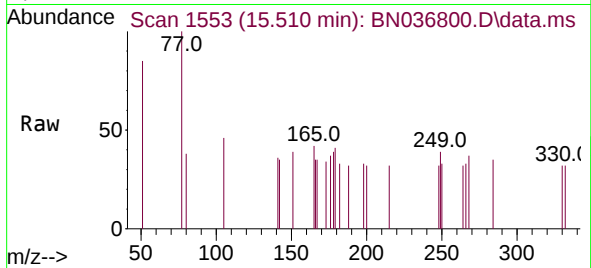




#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.510 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN036800.D
Acq: 29 Mar 2025 08:08

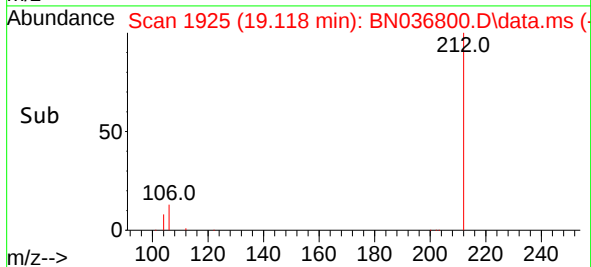
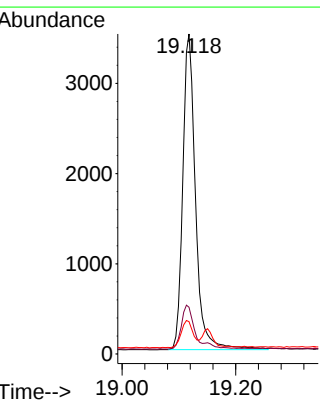
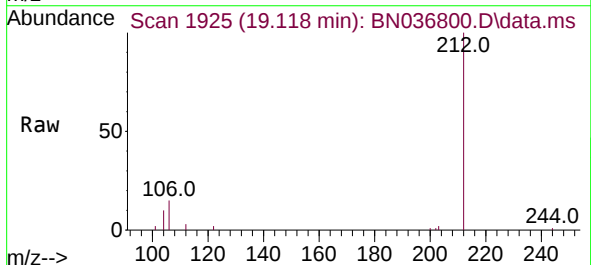
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BNA_N
ClientSampleId :
RW09-MW01D3-20250320

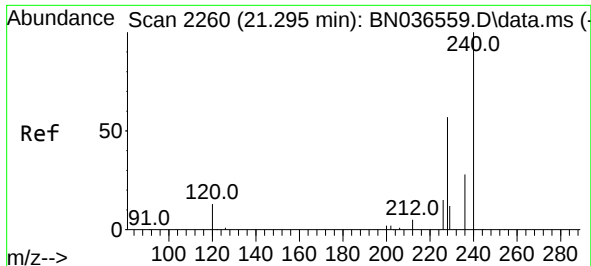
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 257.4 107.9 161.9#
105 140.4 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.023 min
Lab File: BN036800.D
Acq: 29 Mar 2025 08:08

Tgt Ion:212 Resp: 5440
Ion Ratio Lower Upper
212 100
106 15.2 11.8 17.6
104 8.4 7.3 10.9

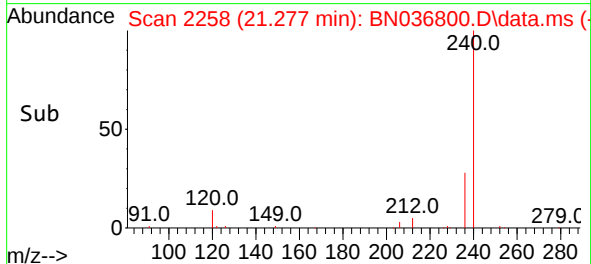
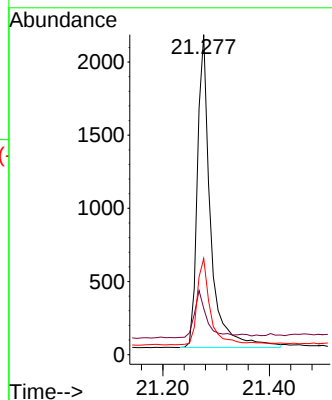
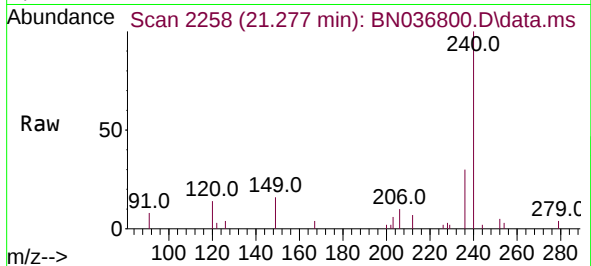




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036800.D
Acq: 29 Mar 2025 08:08

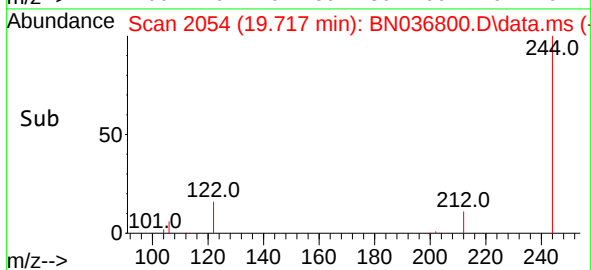
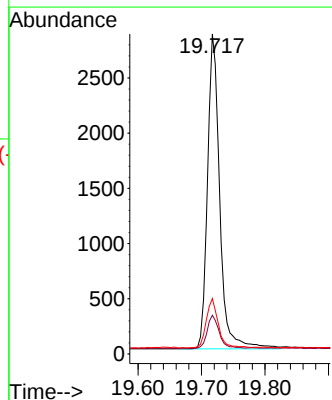
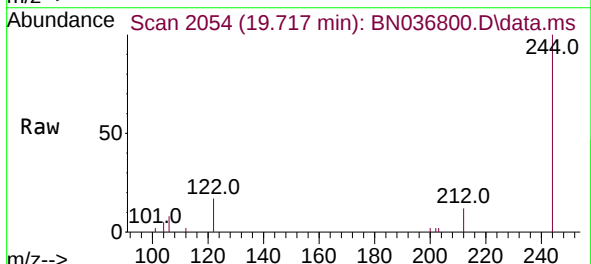
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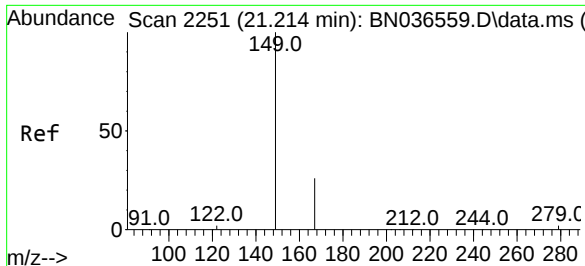
Tgt Ion:240 Resp: 3677
Ion Ratio Lower Upper
240 100
120 14.4 14.6 22.0#
236 30.0 24.1 36.1



#31
Terphenyl-d14
Concen: 0.433 ng
RT: 19.717 min Scan# 2054
Delta R.T. -0.028 min
Lab File: BN036800.D
Acq: 29 Mar 2025 08:08

Tgt Ion:244 Resp: 3816
Ion Ratio Lower Upper
244 100
212 12.1 9.6 14.4
122 17.3 13.9 20.9

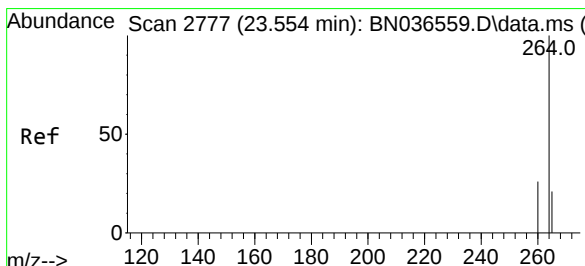
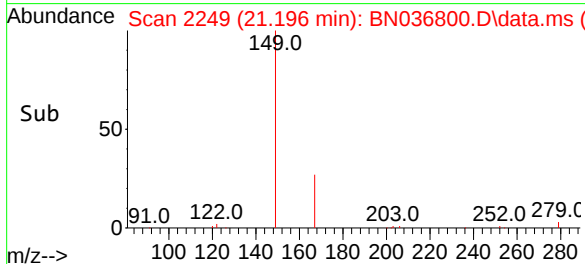
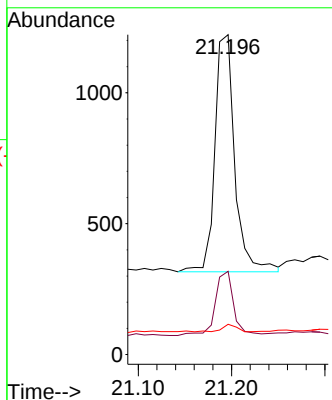
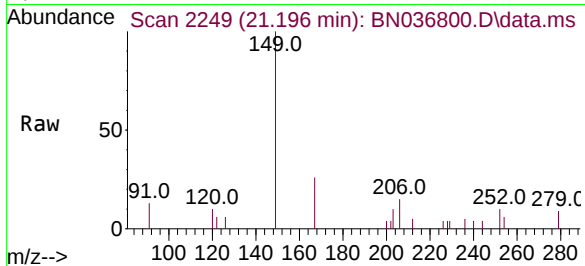




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.147 ng
RT: 21.196 min Scan# 21196
Delta R.T. -0.018 min
Lab File: BN036800.D
Acq: 29 Mar 2025 08:08

Instrument :
BNA_N
ClientSampleId :
RW09-MW01D3-20250320

Tgt Ion:149 Resp: 1338
Ion Ratio Lower Upper
149 100
167 25.0 20.7 31.1
279 2.4 3.6 5.4#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.516 min Scan# 2764
Delta R.T. -0.038 min
Lab File: BN036800.D
Acq: 29 Mar 2025 08:08

Tgt Ion:264 Resp: 2995
Ion Ratio Lower Upper
264 100
260 27.7 22.6 33.8
265 93.4 88.1 132.1

