

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036798.D
 Acq On : 29 Mar 2025 06:56
 Operator : RC/JU
 Sample : Q1629-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20250320

Quant Time: Mar 31 01:58:25 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)

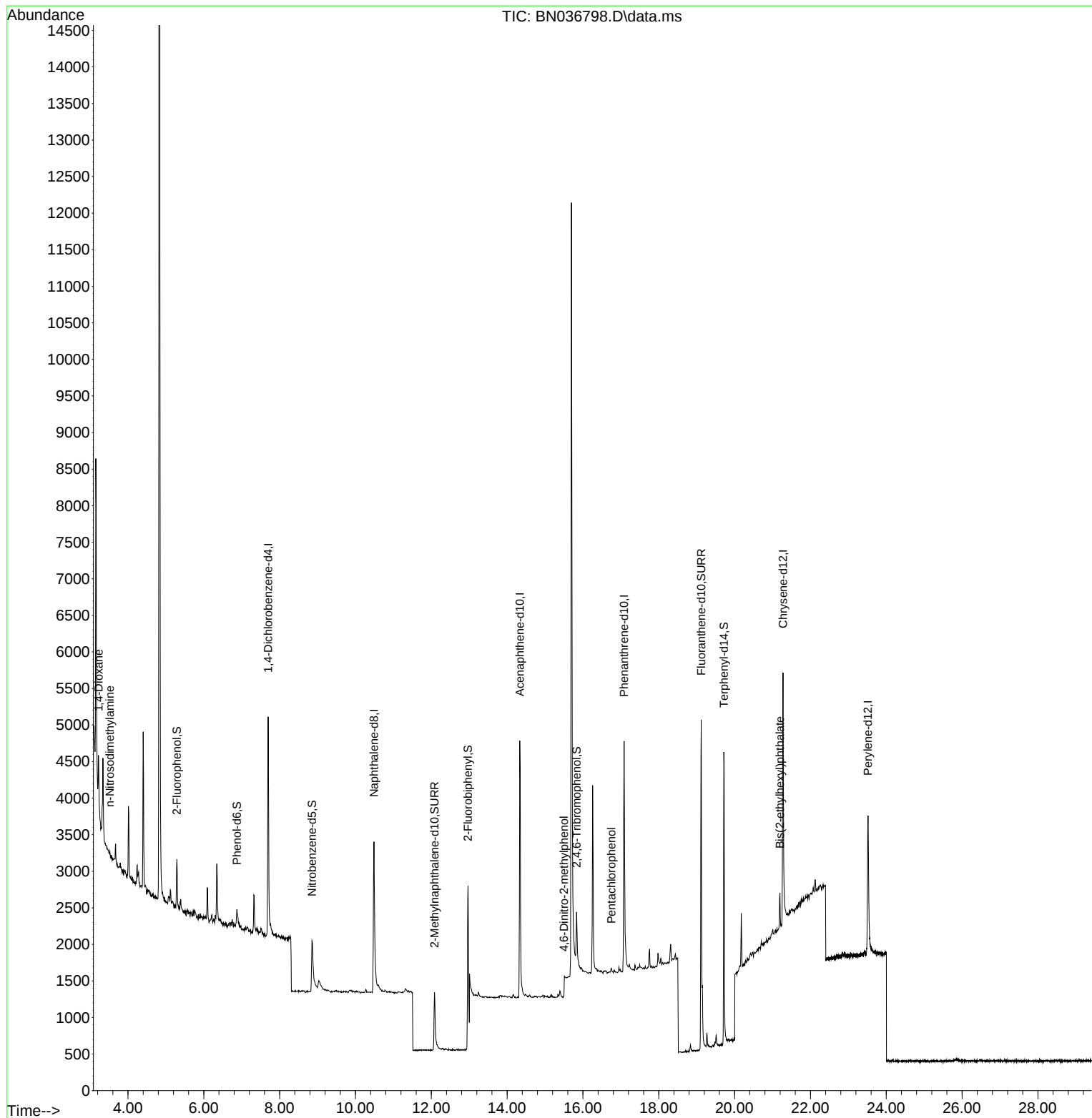
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1621	0.400	ng	-0.03
7) Naphthalene-d8	10.487	136	3708	0.400	ng	-0.02
13) Acenaphthene-d10	14.334	164	2378	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	5161	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	4055	0.400	ng	-0.02
35) Perylene-d12	23.516	264	3123	0.400	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	487	0.129	ng	-0.02
5) Phenol-d6	6.872	99	301	0.065	ng	-0.03
8) Nitrobenzene-d5	8.854	82	1064	0.264	ng	-0.02
11) 2-Methylnaphthalene-d10	12.085	152	1700	0.308	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	462	0.428	ng	-0.02
15) 2-Fluorobiphenyl	12.968	172	3996	0.289	ng	-0.02
27) Fluoranthene-d10	19.118	212	5594	0.423	ng	-0.02
31) Terphenyl-d14	19.717	244	4117	0.424	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	422	0.235	ng	# 53
3) n-Nitrosodimethylamine	3.521	42	75	0.021	ng	# 18
20) 4,6-Dinitro-2-methylph...	15.499	198	8	0.152	ng	# 10
24) Pentachlorophenol	16.751	266	46	0.026	ng	# 60
34) Bis(2-ethylhexyl)phtha...	21.196	149	580	0.058	ng	95

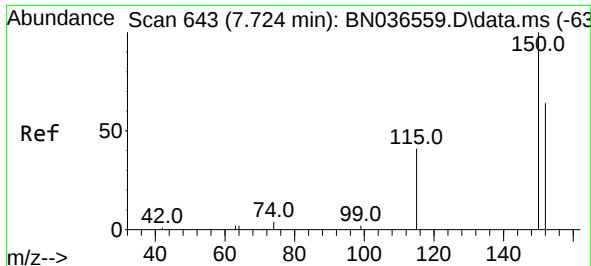
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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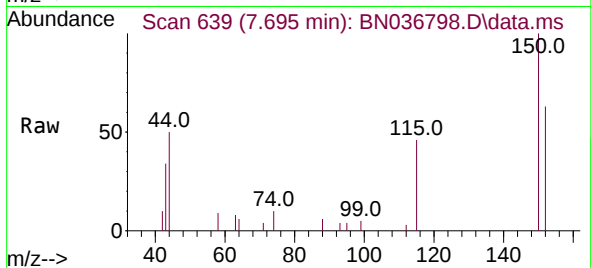
Quant Time: Mar 31 01:58:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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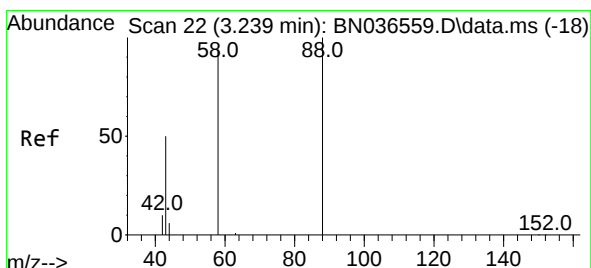
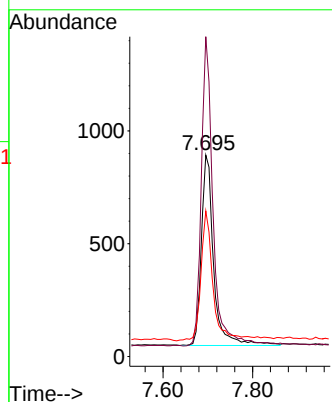
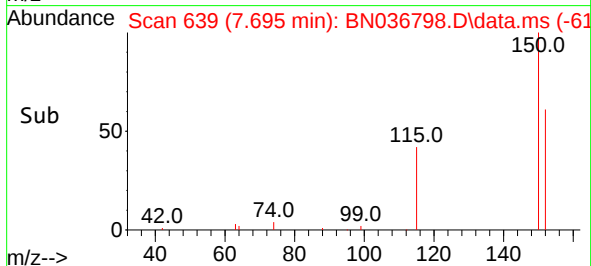


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036798.D
 Acq: 29 Mar 2025 06:56

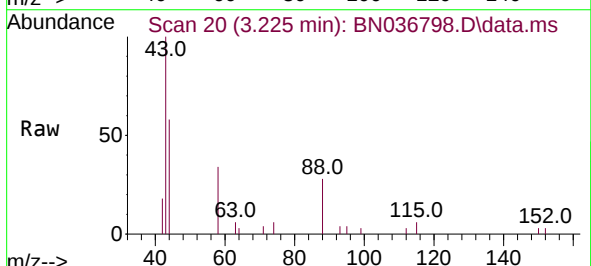
Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20250320



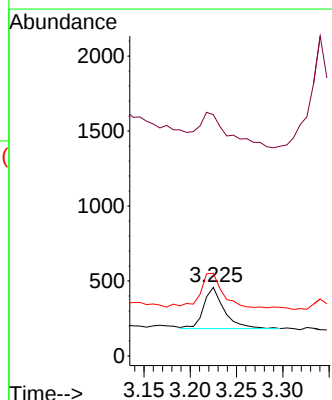
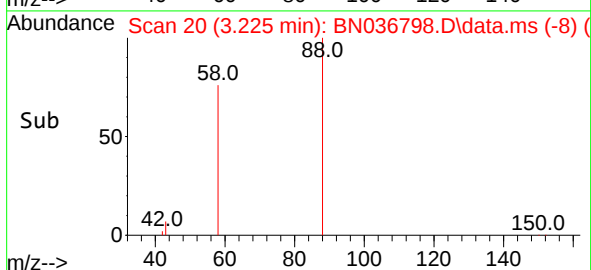
Tgt Ion:152 Resp: 1621
 Ion Ratio Lower Upper
 152 100
 150 158.8 123.7 185.5
 115 72.3 54.3 81.5

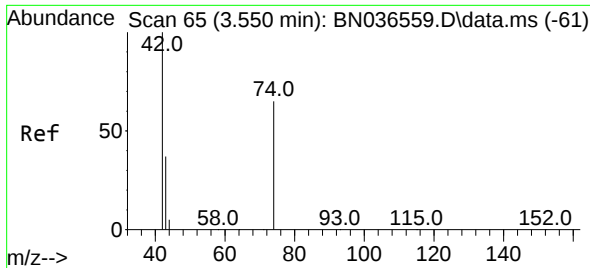


#2
 1,4-Dioxane
 Concen: 0.235 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036798.D
 Acq: 29 Mar 2025 06:56



Tgt Ion: 88 Resp: 422
 Ion Ratio Lower Upper
 88 100
 43 125.1 37.8 56.8#
 58 92.4 67.4 101.2

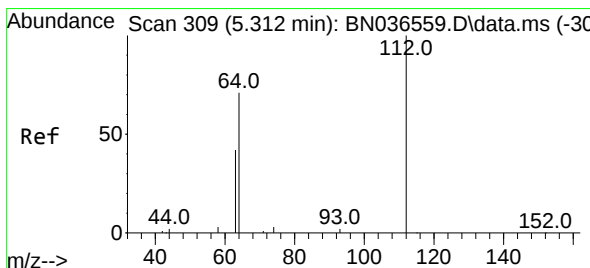
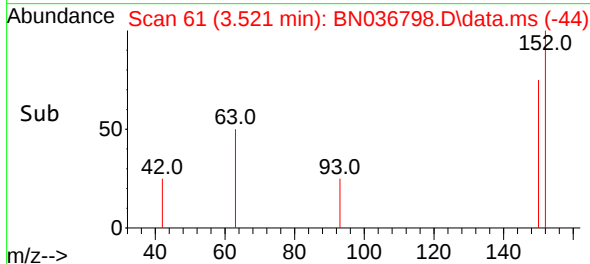
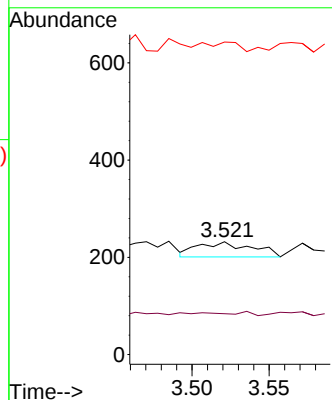
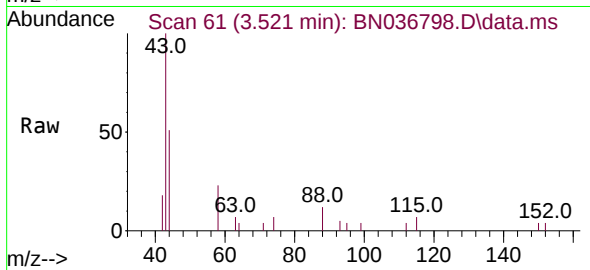




#3
n-Nitrosodimethylamine
Concen: 0.021 ng
RT: 3.521 min Scan# 61
Delta R.T. -0.029 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56

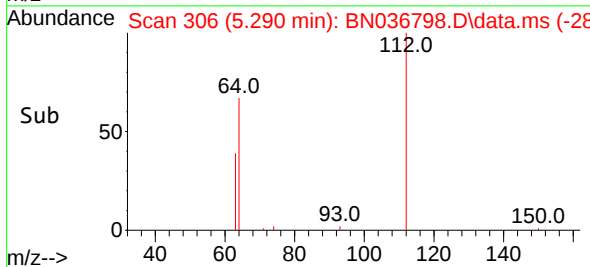
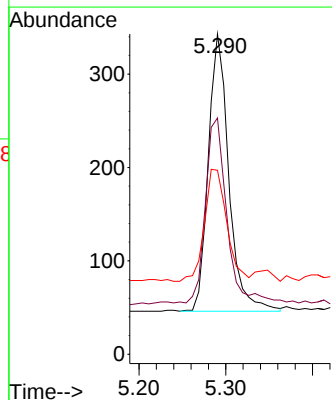
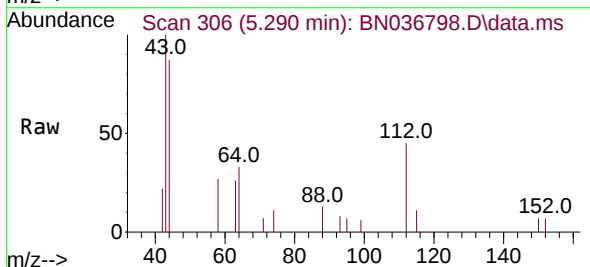
Instrument :
BNA_N
ClientSampleId :
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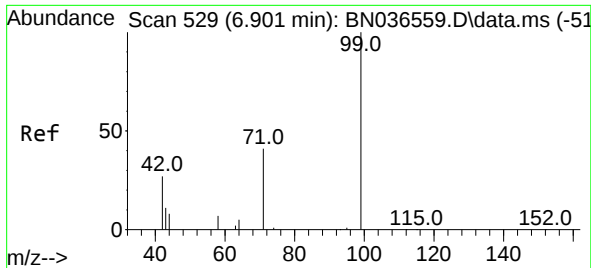
Tgt Ion: 42 Resp: 75
Ion Ratio Lower Upper
42 100
74 0.0 60.6 90.8#
44 0.0 6.3 9.5#



#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56

Tgt Ion: 112 Resp: 487
Ion Ratio Lower Upper
112 100
64 71.0 53.1 79.7
63 43.7 31.8 47.8

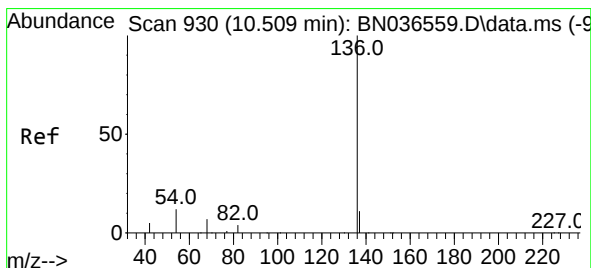
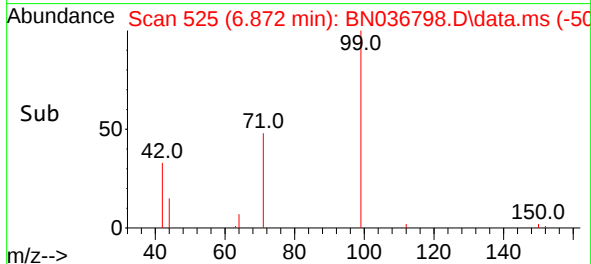
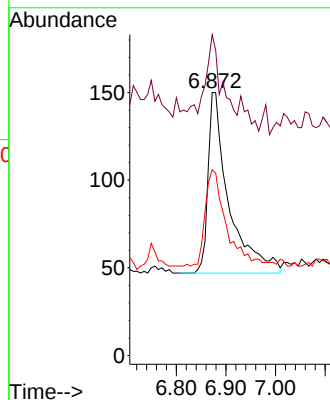
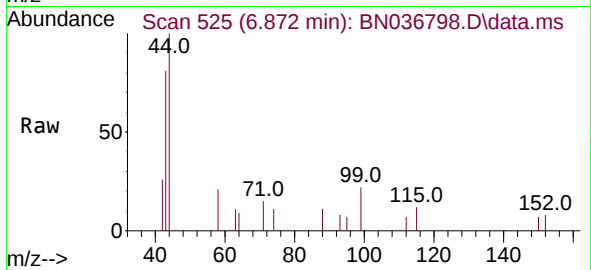




#5
Phenol-d6
Concen: 0.065 ng
RT: 6.872 min Scan# 51
Delta R.T. -0.029 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56

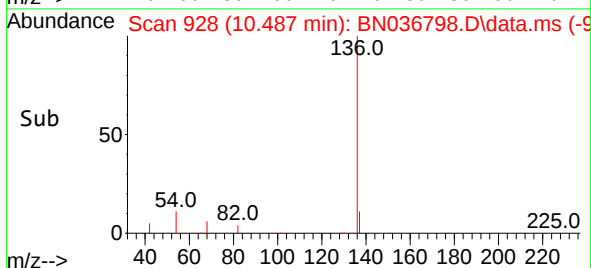
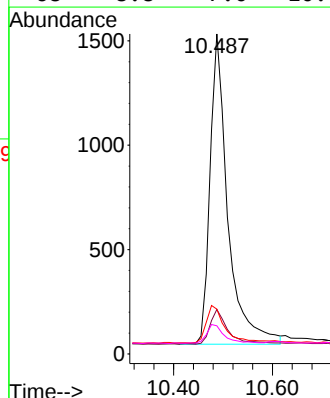
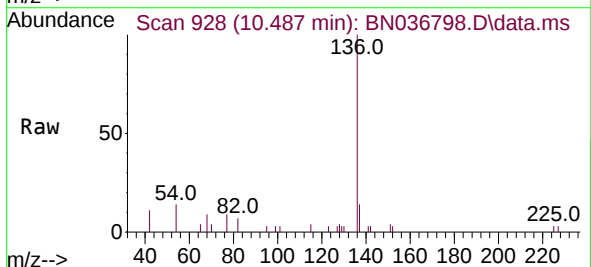
Instrument :
BNA_N
ClientSampleId :
TT162S1-20250320

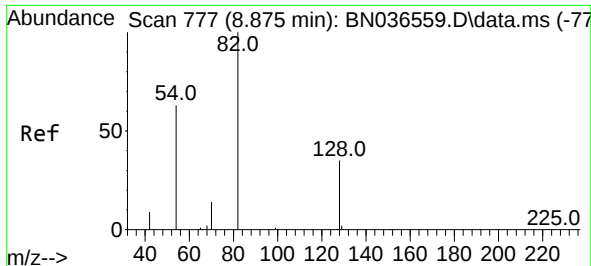
Tgt Ion: 99 Resp: 301
Ion Ratio Lower Upper
99 100
42 30.2 26.5 39.7
71 55.5 34.1 51.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 928
Delta R.T. -0.021 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56

Tgt Ion: 136 Resp: 3708
Ion Ratio Lower Upper
136 100
137 13.9 10.3 15.5
54 14.0 11.5 17.3
68 8.8 7.0 10.4

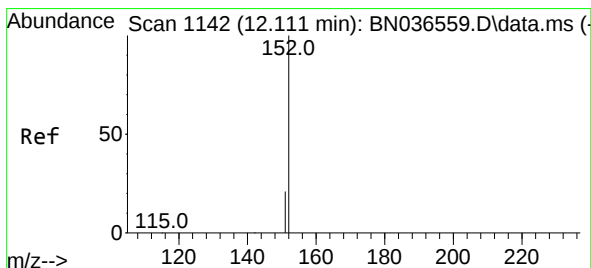
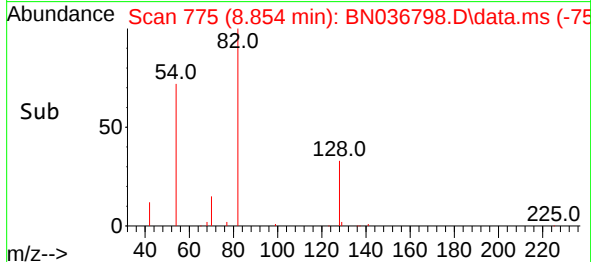
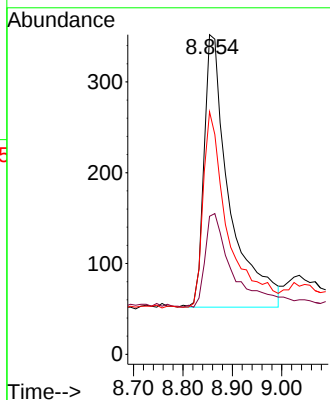
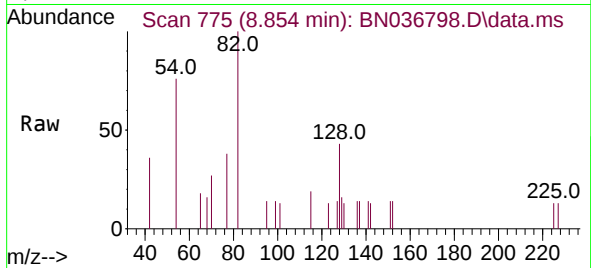




#8
 Nitrobenzene-d5
 Concen: 0.264 ng
 RT: 8.854 min Scan# 71
 Delta R.T. -0.021 min
 Lab File: BN036798.D
 Acq: 29 Mar 2025 06:56

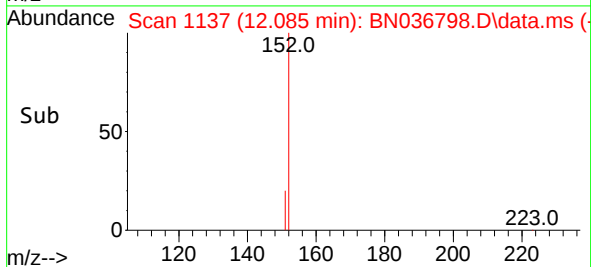
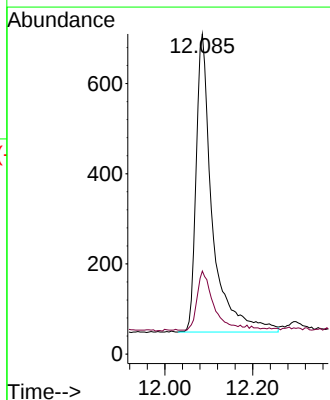
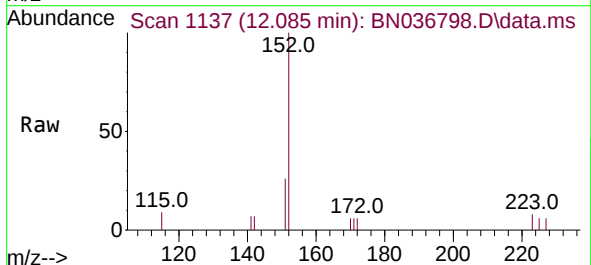
Instrument :
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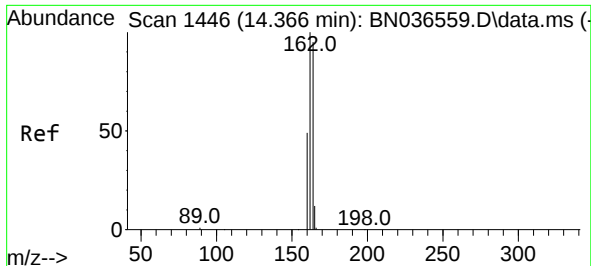
Tgt Ion: 82 Resp: 1064
 Ion Ratio Lower Upper
 82 100
 128 43.2 30.6 45.8
 54 75.9 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.308 ng
 RT: 12.085 min Scan# 1137
 Delta R.T. -0.025 min
 Lab File: BN036798.D
 Acq: 29 Mar 2025 06:56

Tgt Ion: 152 Resp: 1700
 Ion Ratio Lower Upper
 152 100
 151 20.0 17.0 25.6

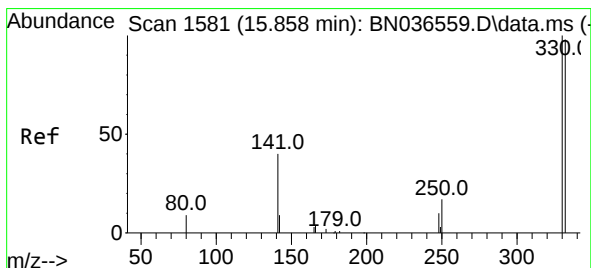
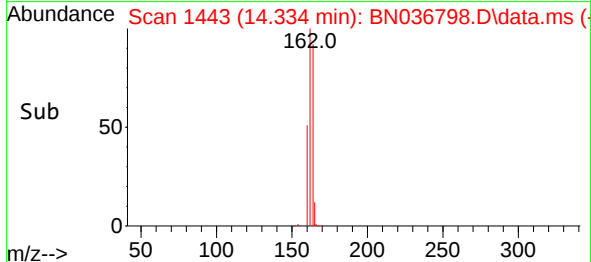
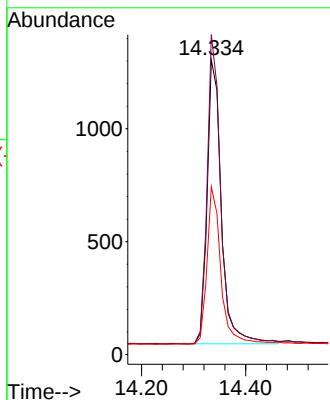
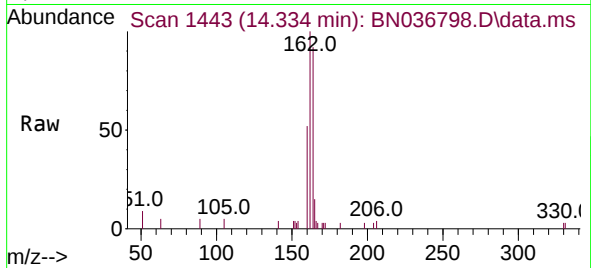




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 14
Delta R.T. -0.032 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56

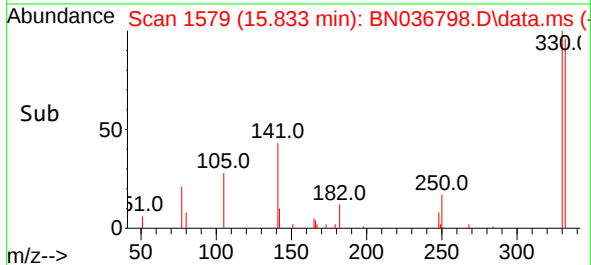
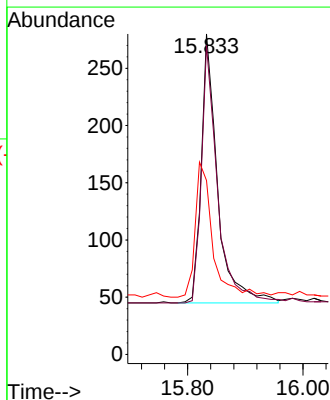
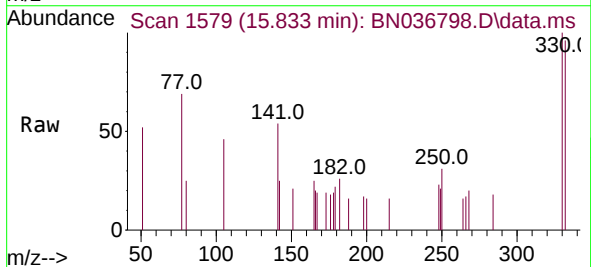
Instrument :
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ClientSampleId :
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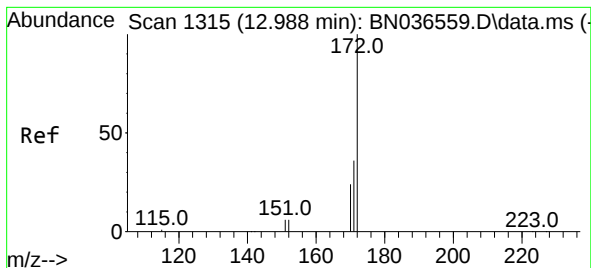
Tgt Ion:164 Resp: 2378
Ion Ratio Lower Upper
164 100
162 108.6 84.2 126.2
160 56.9 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.428 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.025 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56

Tgt Ion:330 Resp: 462
Ion Ratio Lower Upper
330 100
332 95.0 75.2 112.8
141 53.9 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.289 ng

RT: 12.968 min Scan# 11

Delta R.T. -0.020 min

Lab File: BN036798.D

Acq: 29 Mar 2025 06:56

Instrument :

BNA_N

ClientSampleId :

TT162S1-20250320

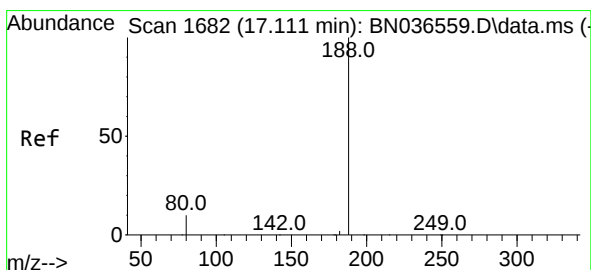
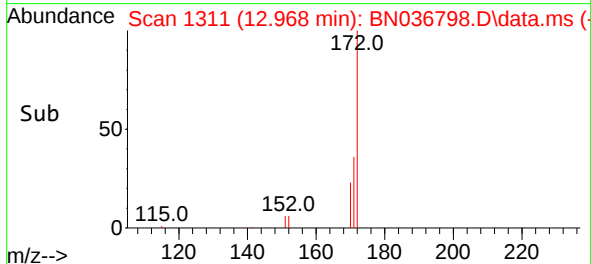
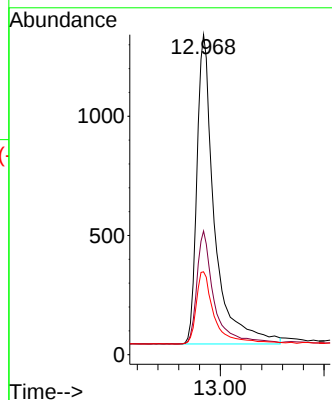
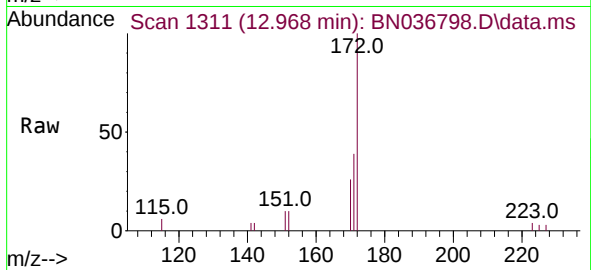
Tgt Ion:172 Resp: 3996

Ion Ratio Lower Upper

172 100

171 38.7 29.5 44.3

170 25.9 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: BN036798.D

Acq: 29 Mar 2025 06:56

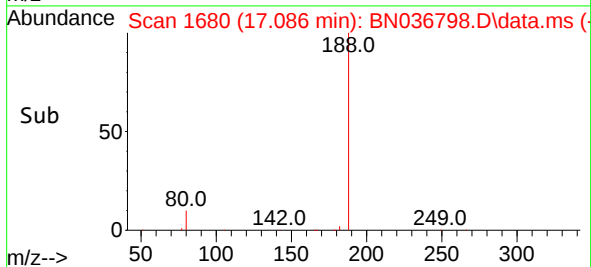
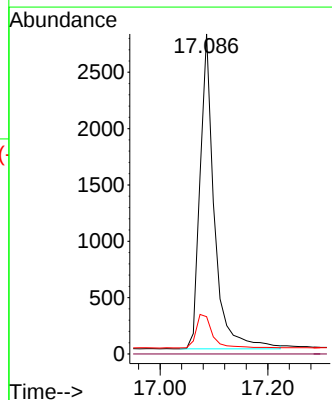
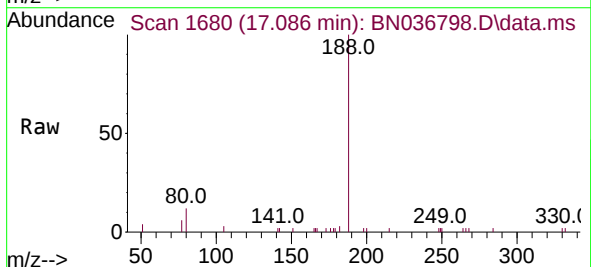
Tgt Ion:188 Resp: 5161

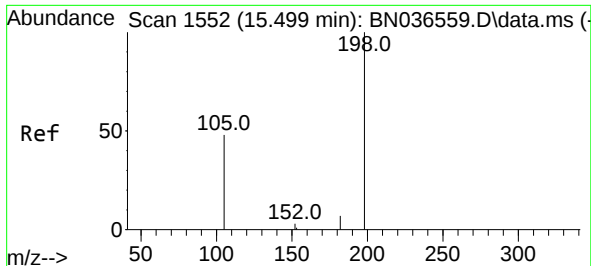
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.7 8.8 13.2

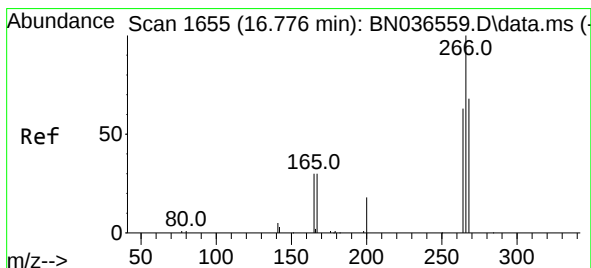
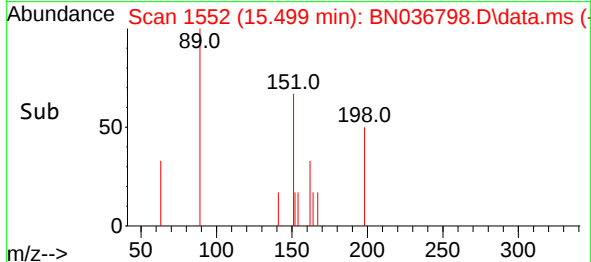
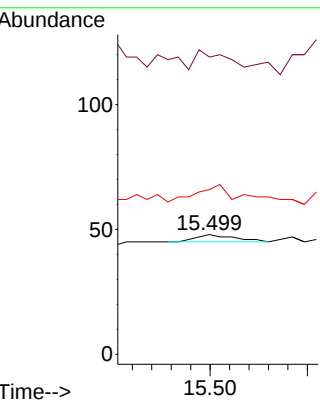
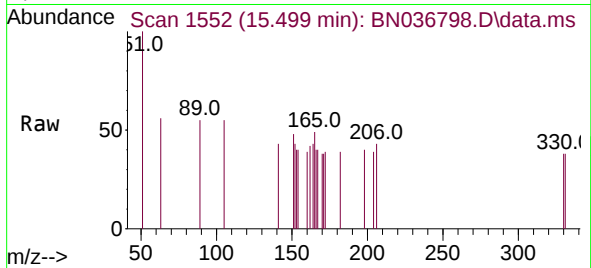




#20
4,6-Dinitro-2-methylphenol
Concen: 0.152 ng
RT: 15.499 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56

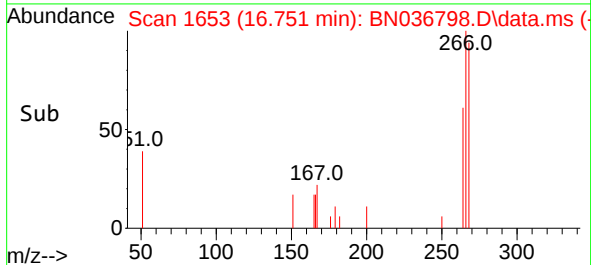
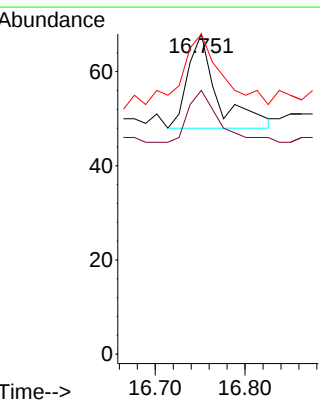
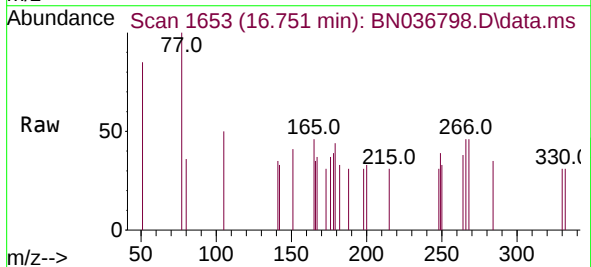
Instrument :
BNA_N
ClientSampleId :
TT162S1-20250320

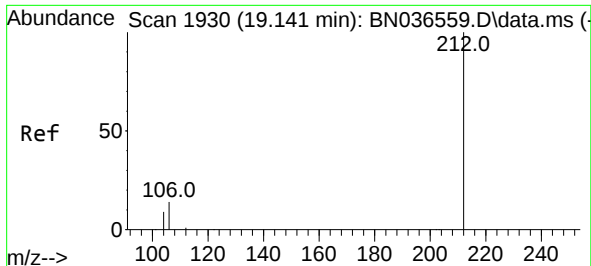
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 247.9 107.9 161.9#
105 137.5 56.2 84.2#



#24
Pentachlorophenol
Concen: 0.026 ng
RT: 16.751 min Scan# 1653
Delta R.T. -0.025 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56

Tgt Ion:266 Resp: 46
Ion Ratio Lower Upper
266 100
264 56.5 49.6 74.4
268 119.6 50.9 76.3#

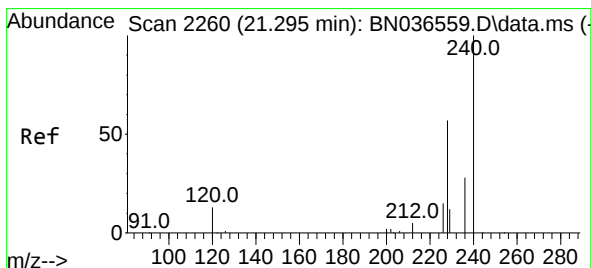
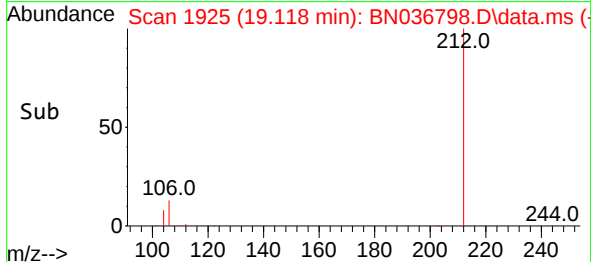
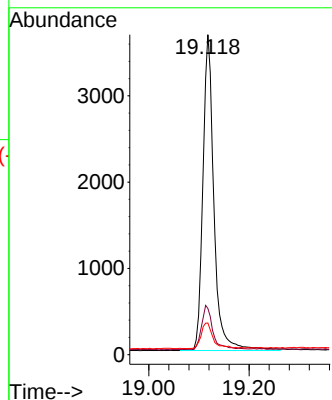
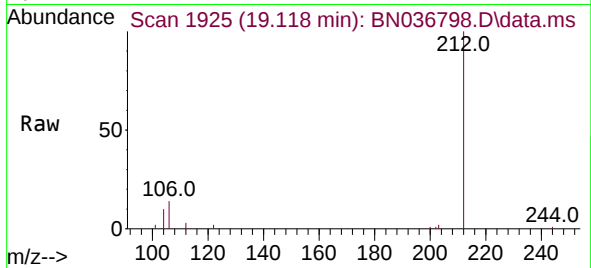




#27
Fluoranthene-d10
Concen: 0.423 ng
RT: 19.118 min Scan# 19
Delta R.T. -0.023 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56

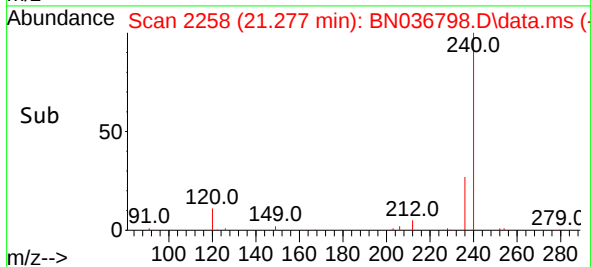
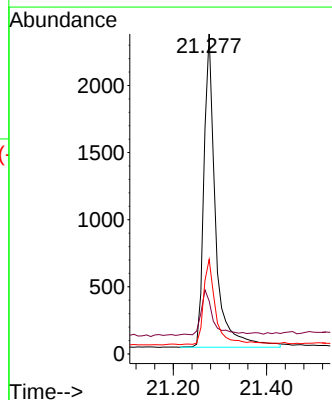
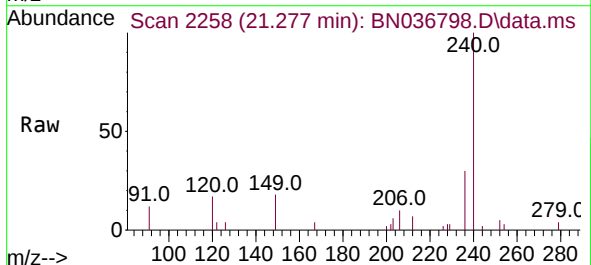
Instrument :
BNA_N
ClientSampleId :
TT162S1-20250320

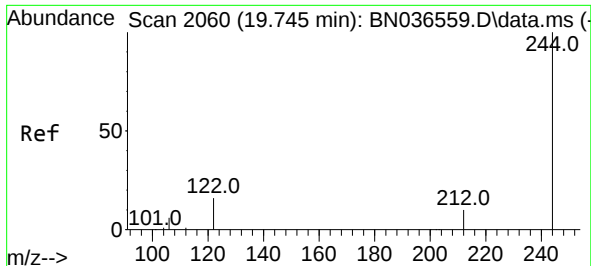
Tgt Ion:212 Resp: 5594
Ion Ratio Lower Upper
212 100
106 14.4 11.8 17.6
104 8.8 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56

Tgt Ion:240 Resp: 4055
Ion Ratio Lower Upper
240 100
120 16.5 14.6 22.0
236 29.5 24.1 36.1

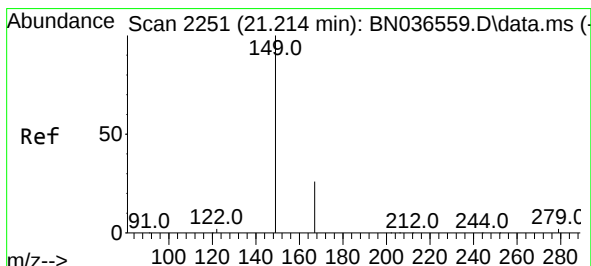
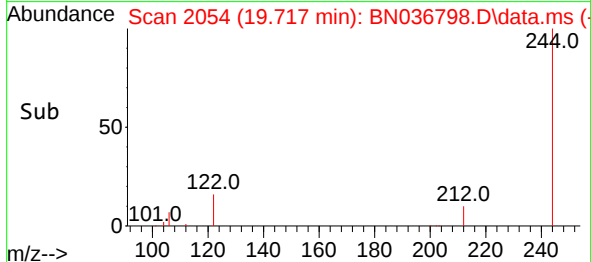
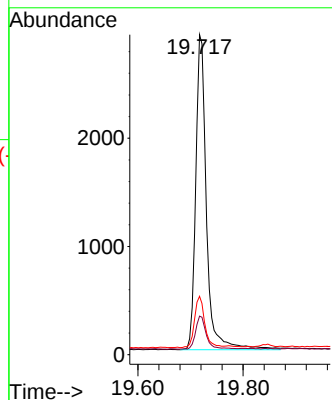
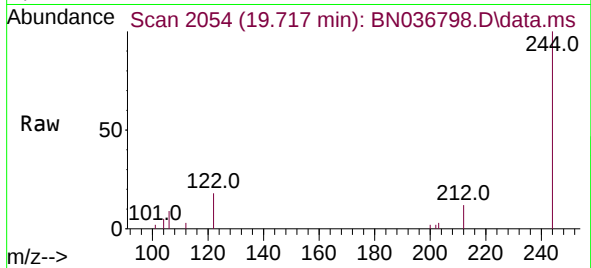




#31
 Terphenyl-d14
 Concen: 0.424 ng
 RT: 19.717 min Scan# 2060
 Delta R.T. -0.028 min
 Lab File: BN036798.D
 Acq: 29 Mar 2025 06:56

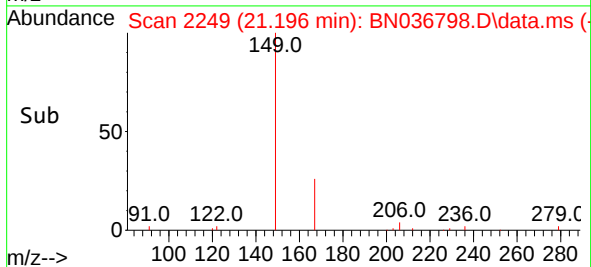
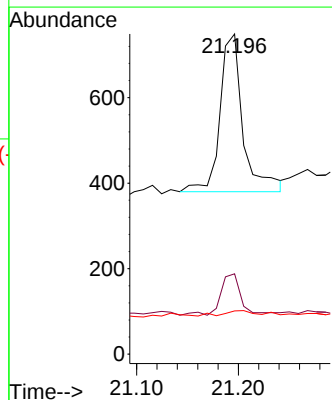
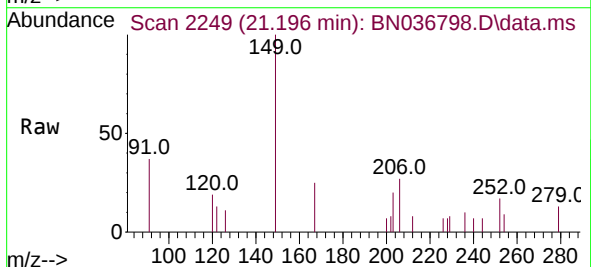
Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20250320

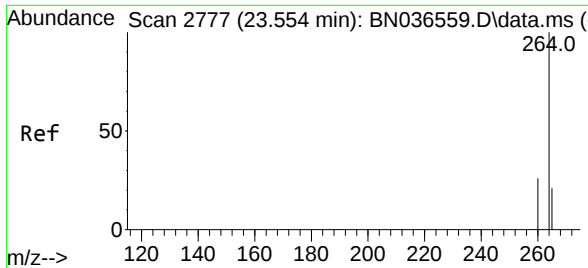
Tgt Ion:244 Resp: 4117
 Ion Ratio Lower Upper
 244 100
 212 12.0 9.6 14.4
 122 18.3 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.058 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.018 min
 Lab File: BN036798.D
 Acq: 29 Mar 2025 06:56

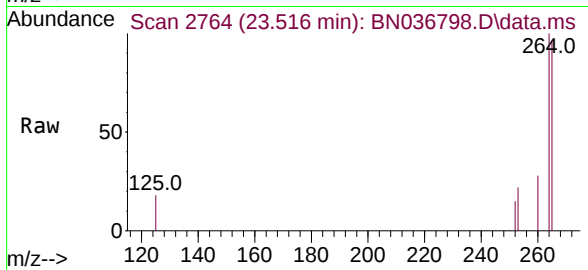
Tgt Ion:149 Resp: 580
 Ion Ratio Lower Upper
 149 100
 167 22.9 20.7 31.1
 279 4.5 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.516 min Scan# 21
Delta R.T. -0.038 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56

Instrument :
BNA_N
ClientSampleId :
TT162S1-20250320



Tgt Ion:264 Resp: 3123
Ion Ratio Lower Upper
264 100
260 27.7 22.6 33.8
265 95.6 88.1 132.1

