

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)

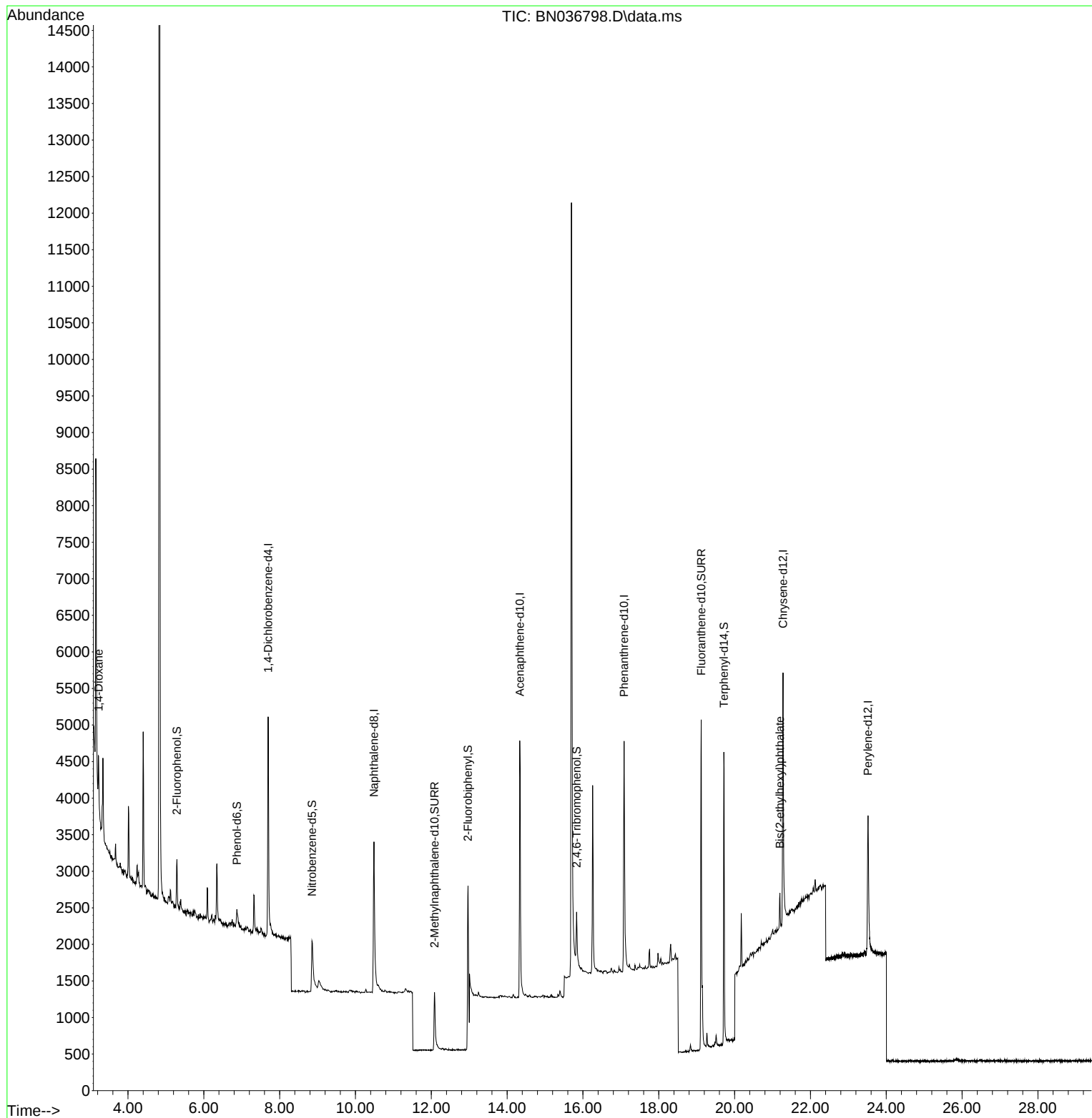
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1621	0.400	ng	-0.03
7) Naphthalene-d8	10.487	136	3708	0.400	ng	-0.02
13) Acenaphthene-d10	14.334	164	2378	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	5161	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	4055	0.400	ng	-0.02
35) Perylene-d12	23.516	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
34) Bis(2-ethylhexyl)phtha...	21.196	149	580	0.058	ng	95

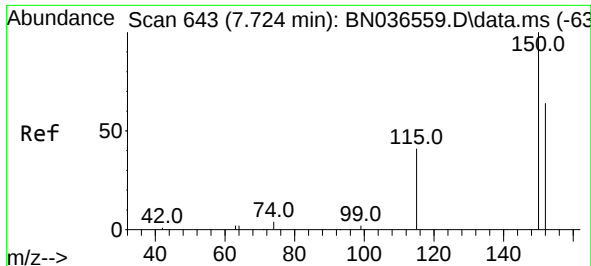
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TT162S1-20250320

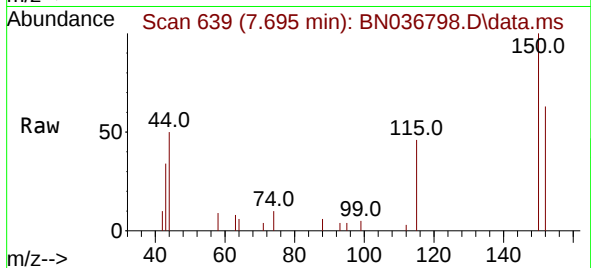
Quant Time: Mar 31 01:58:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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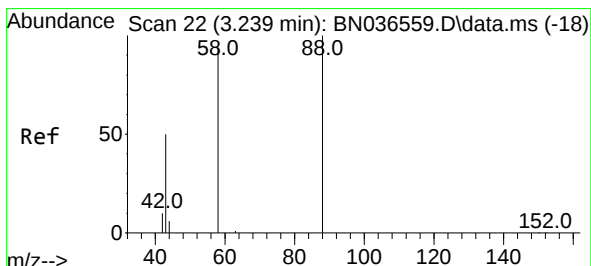
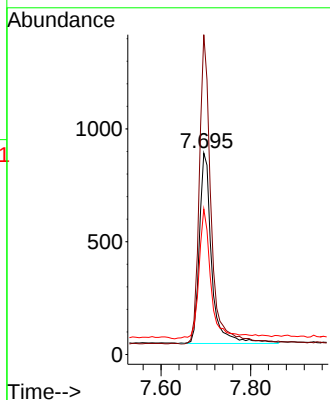
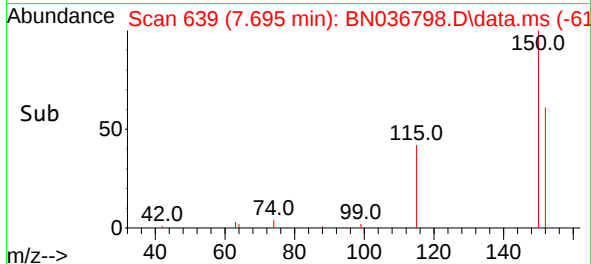


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036798.D
 Acq: 29 Mar 2025 06:56

Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20250320

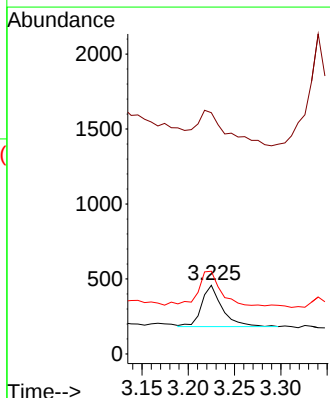
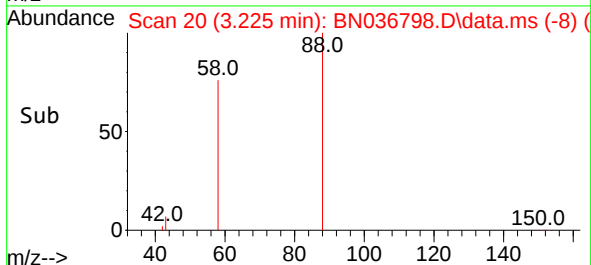
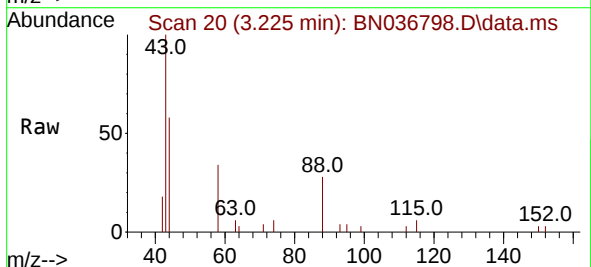


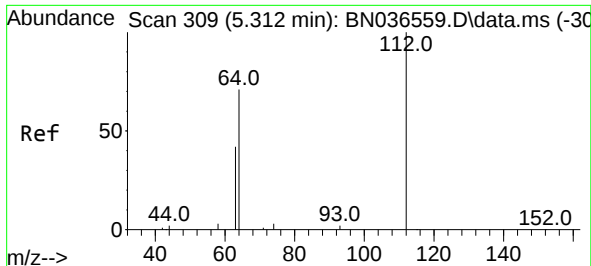
Tgt Ion:152 Resp: 1621
 Ion Ratio Lower Upper
 152 100
 150 158.8 123.7 185.5
 115 72.3 54.3 81.5



#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

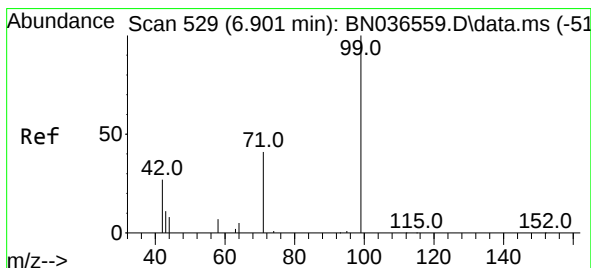
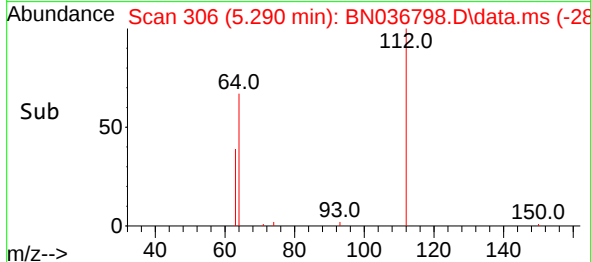
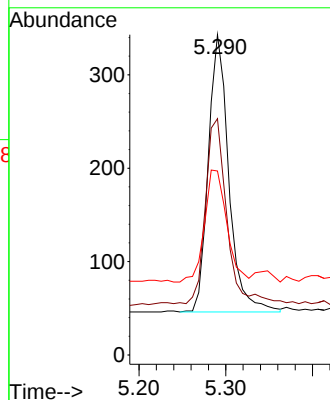
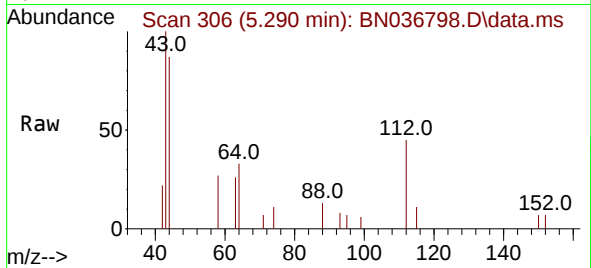




#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56

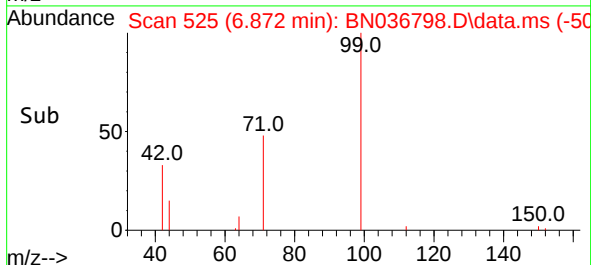
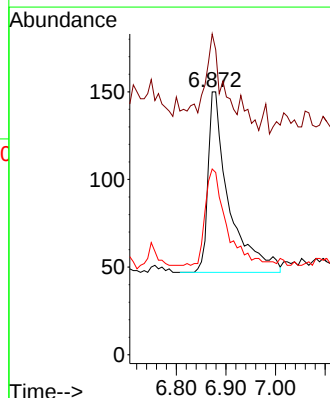
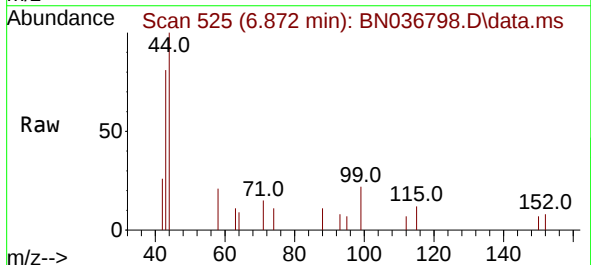
Instrument :
BNA_N
ClientSampleId :
TT162S1-20250320

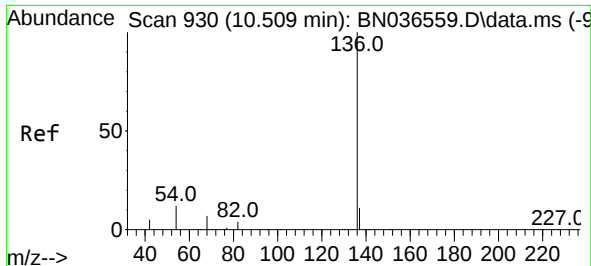
Tgt Ion:112 Resp: 487
Ion Ratio Lower Upper
112 100
64 71.0 53.1 79.7
63 43.7 31.8 47.8



#5
Phenol-d6
Concen: 0.065 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56

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#

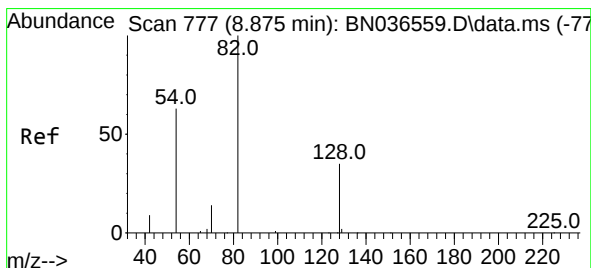
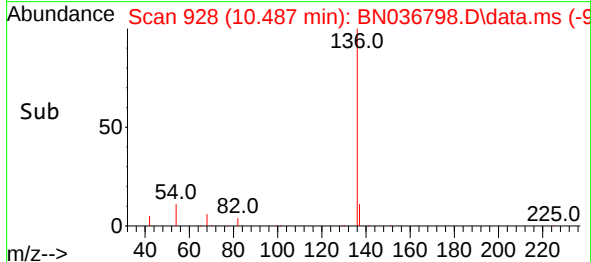
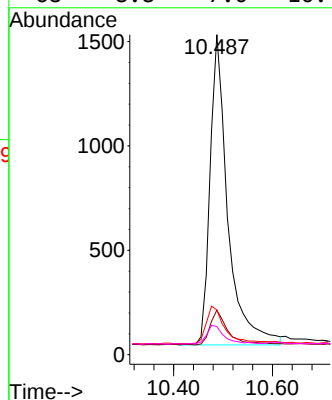
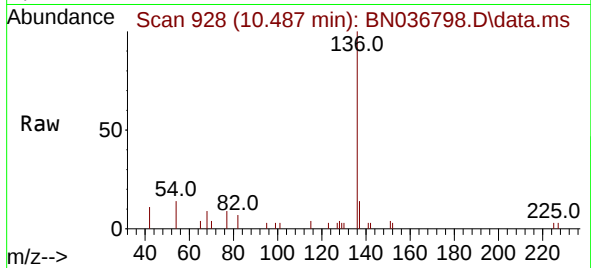




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56

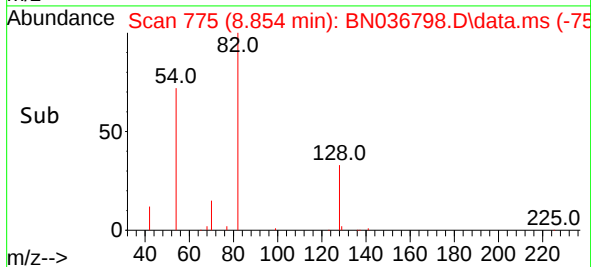
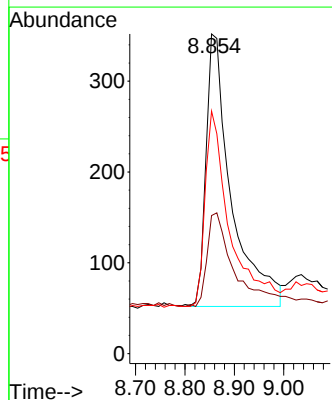
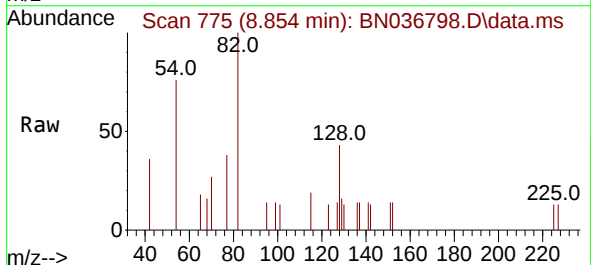
Instrument :
BNA_N
ClientSampleId :
TT162S1-20250320

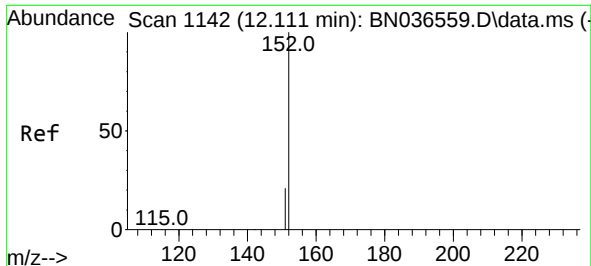
Tgt Ion:136	Resp:	3708
Ion	Ratio	Lower Upper
136	100	
137	13.9	10.3 15.5
54	14.0	11.5 17.3
68	8.8	7.0 10.4



#8
Nitrobenzene-d5
Concen: 0.264 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56

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

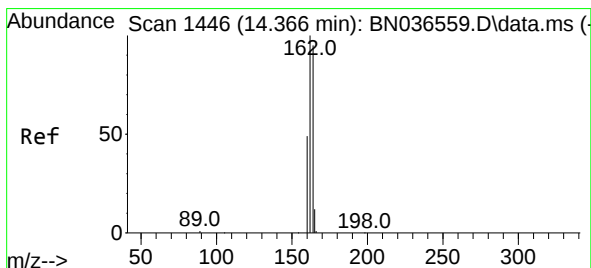
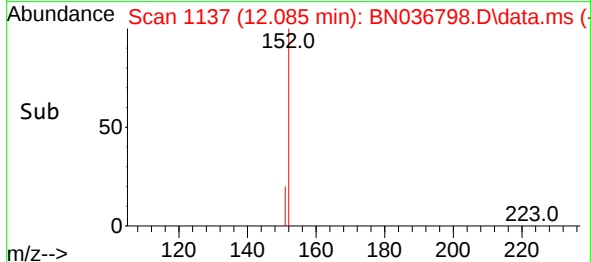
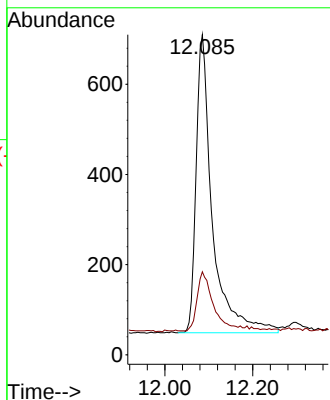
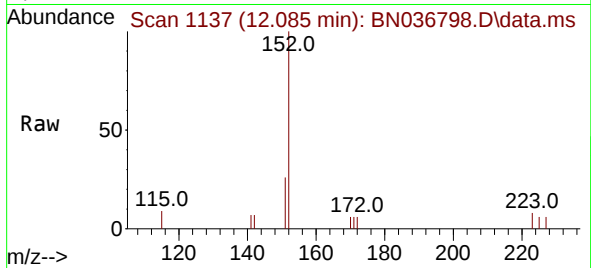




#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.085 min Scan# 1142
Delta R.T. -0.025 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56

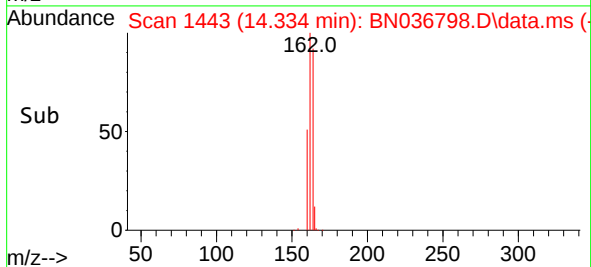
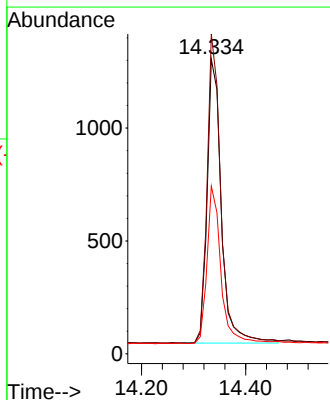
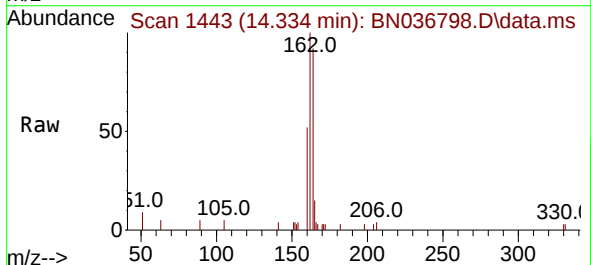
Instrument :
BNA_N
ClientSampleId :
TT162S1-20250320

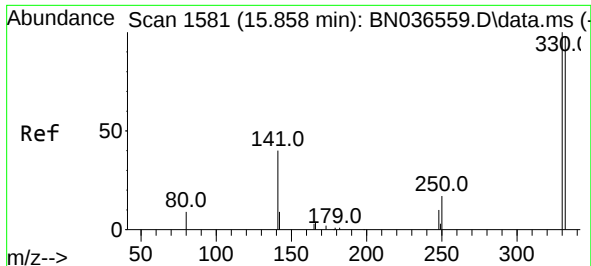
Tgt Ion:152 Resp: 1700
Ion Ratio Lower Upper
152 100
151 20.0 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. -0.032 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56

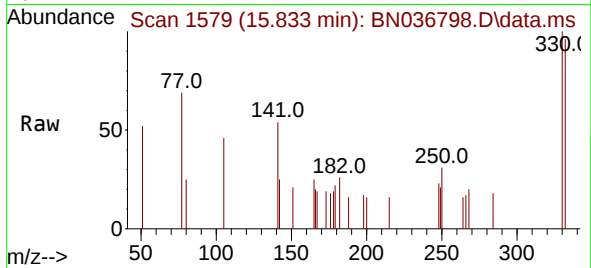
Tgt Ion:164 Resp: 2378
Ion Ratio Lower Upper
164 100
162 108.6 84.2 126.2
160 56.9 42.2 63.2



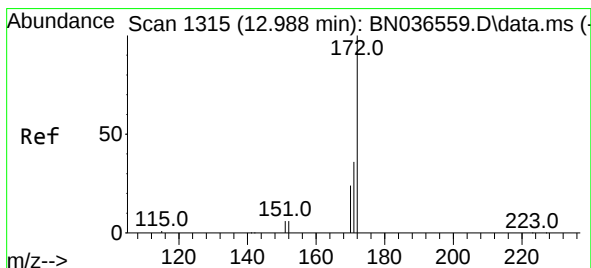
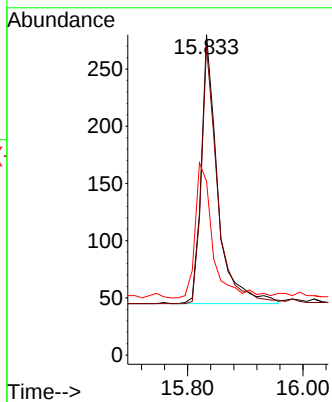
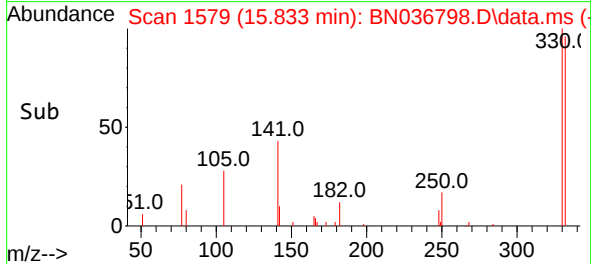


#14
2,4,6-Tribromophenol
Concen: 0.428 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56

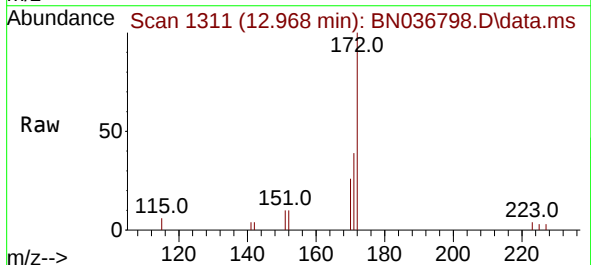
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BNA_N
ClientSampleId :
TT162S1-20250320



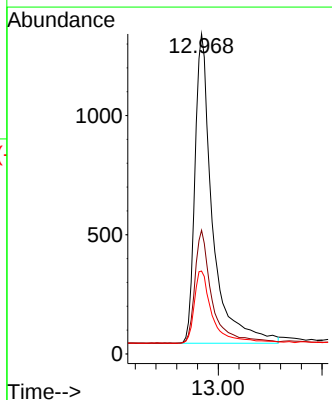
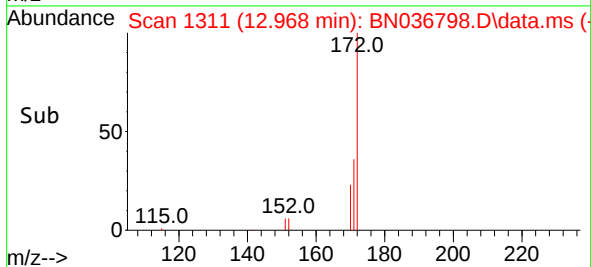
Tgt Ion: 330 Resp: 462
Ion Ratio Lower Upper
330 100
332 95.0 75.2 112.8
141 53.9 43.4 65.2

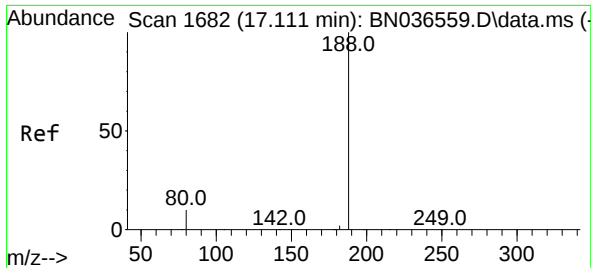


#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.020 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56



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

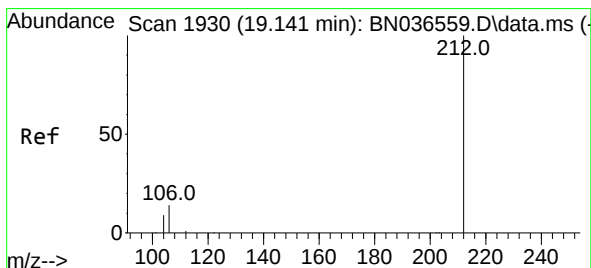
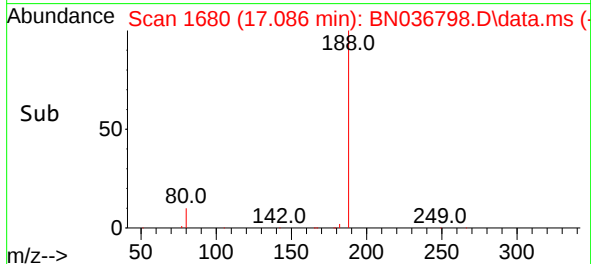
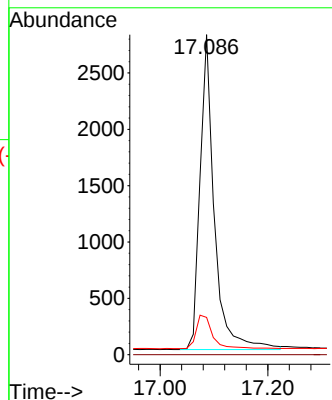
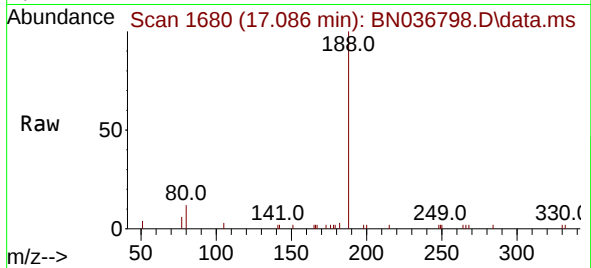




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56

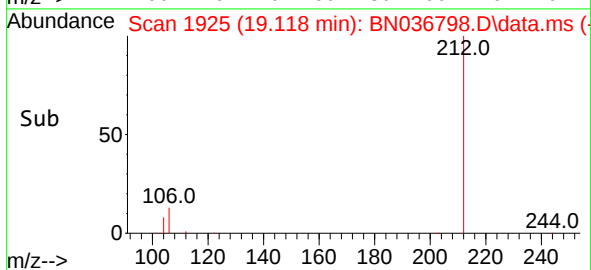
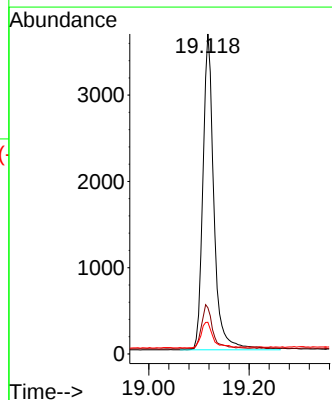
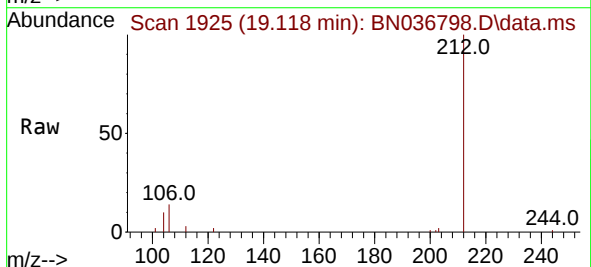
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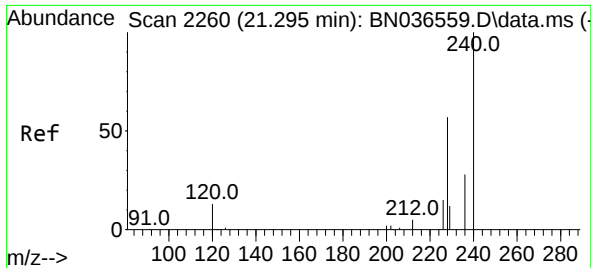
Tgt Ion:188 Resp: 5161
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 8.8 13.2



#27
Fluoranthene-d10
Concen: 0.423 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.023 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56

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

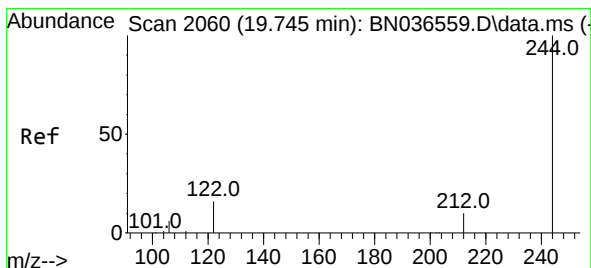
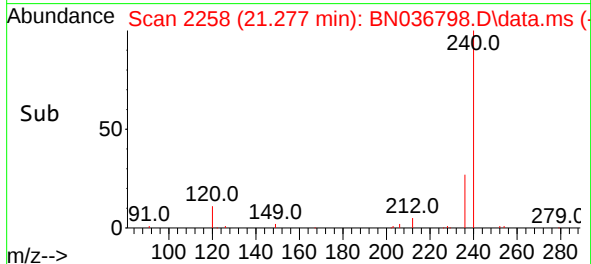
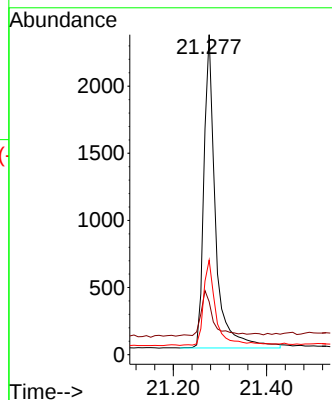
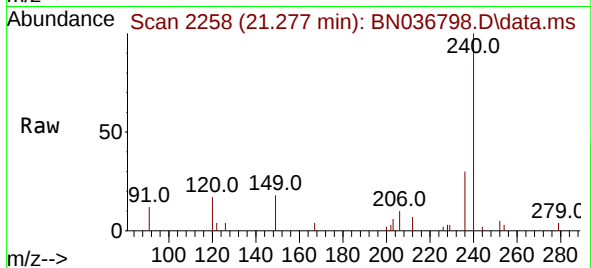




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56

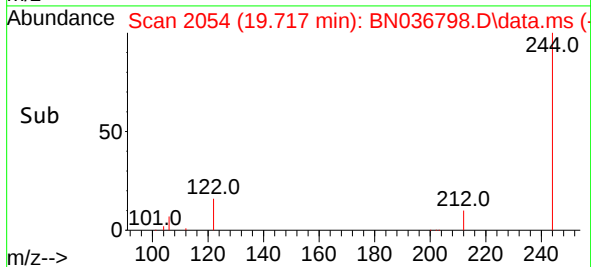
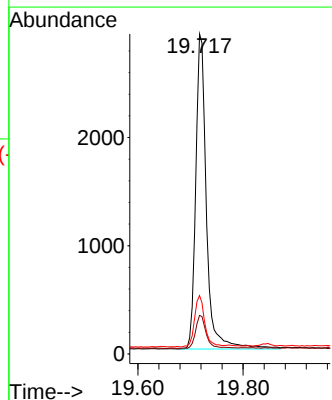
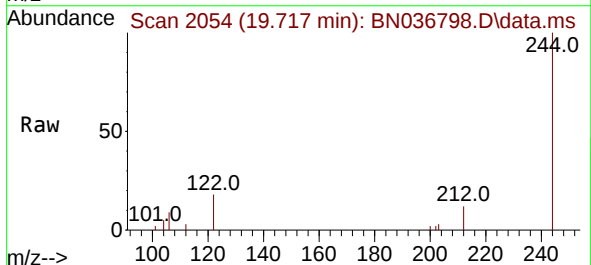
Instrument :
BNA_N
ClientSampleId :
TT162S1-20250320

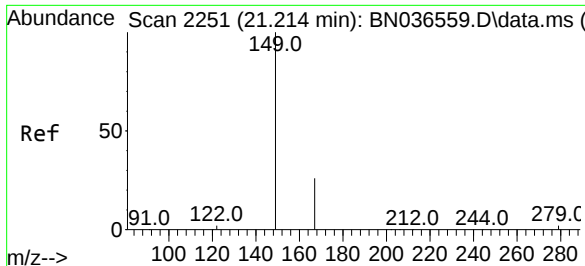
Tgt Ion:240 Resp: 4055
Ion Ratio Lower Upper
240 100
120 16.5 14.6 22.0
236 29.5 24.1 36.1



#31
Terphenyl-d14
Concen: 0.424 ng
RT: 19.717 min Scan# 2054
Delta R.T. -0.028 min
Lab File: BN036798.D
Acq: 29 Mar 2025 06:56

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

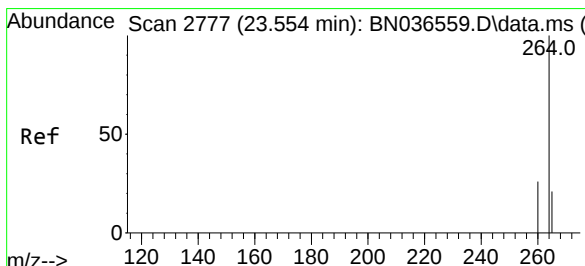
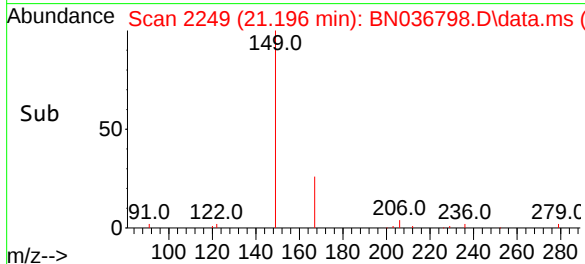
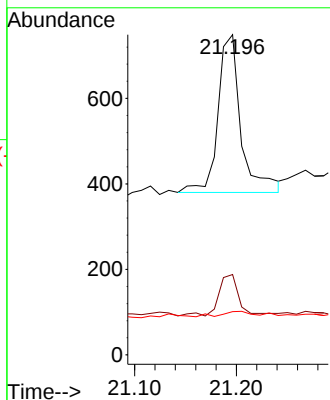
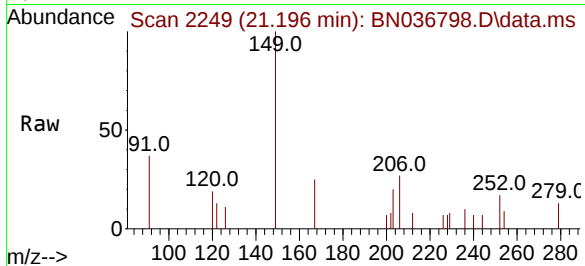




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.058 ng
 RT: 21.196 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN036798.D
 Acq: 29 Mar 2025 06:56

Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20250320

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# 2764
 Delta R.T. -0.038 min
 Lab File: BN036798.D
 Acq: 29 Mar 2025 06:56

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

