

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036753.D
 Acq On : 28 Mar 2025 00:39
 Operator : RC/JU
 Sample : Q1608-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D2-20250319

Quant Time: Mar 28 01:20:26 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)

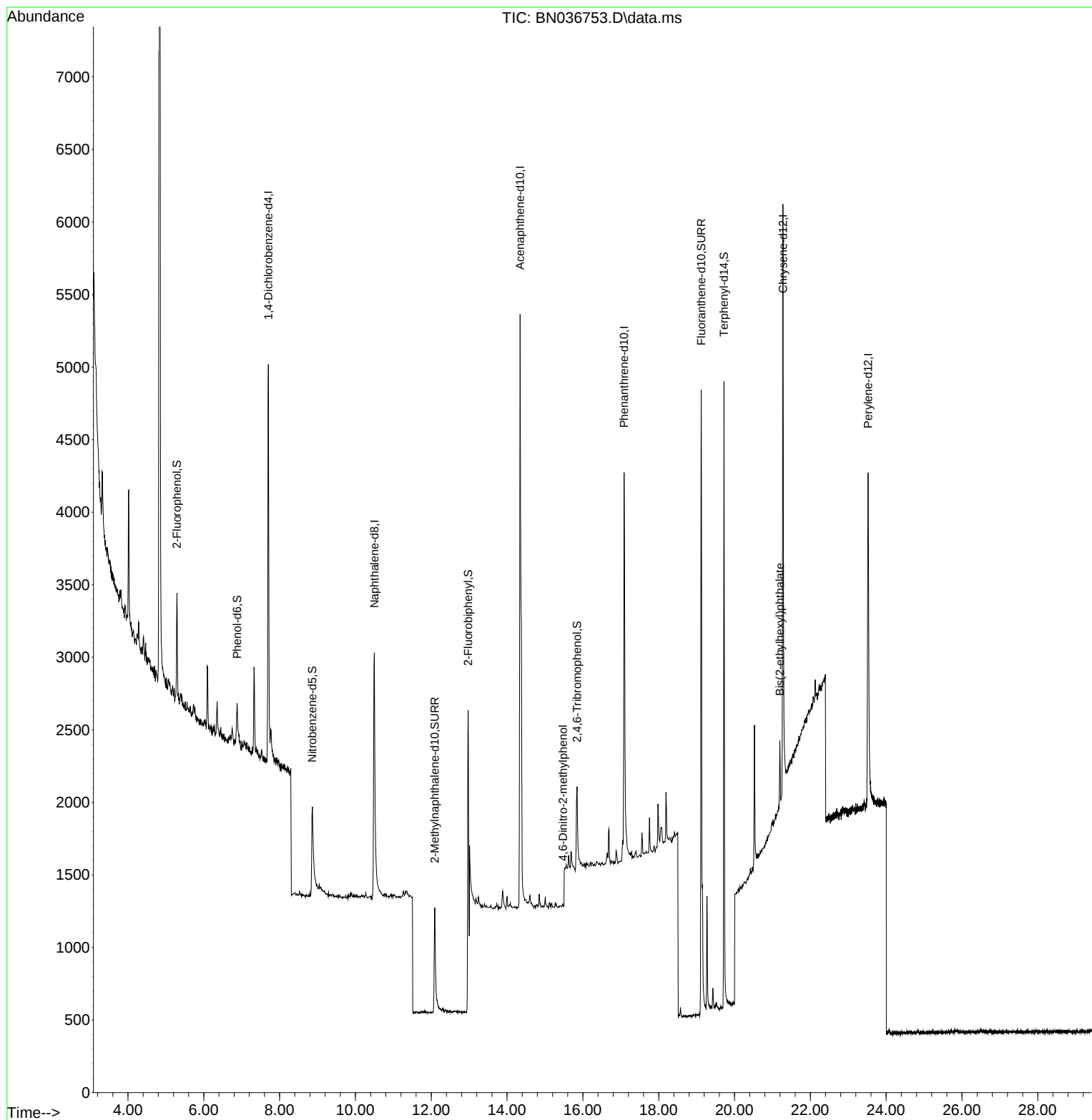
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1517	0.400	ng	-0.02
7) Naphthalene-d8	10.498	136	3430	0.400	ng	-0.01
13) Acenaphthene-d10	14.345	164	2301	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	4871	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	4219	0.400	ng	-0.02
35) Perylene-d12	23.522	264	3720	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	538	0.152	ng	-0.02
5) Phenol-d6	6.879	99	348	0.080	ng	-0.02
8) Nitrobenzene-d5	8.865	82	986	0.264	ng	-0.01
11) 2-Methylnaphthalene-d10	12.091	152	1616	0.317	ng	-0.02
14) 2,4,6-Tribromophenol	15.845	330	430	0.412	ng	-0.01
15) 2-Fluorobiphenyl	12.973	172	3874	0.289	ng	-0.02
27) Fluoranthene-d10	19.122	212	5370	0.430	ng	-0.02
31) Terphenyl-d14	19.722	244	4233	0.419	ng	-0.02
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.478	198	1	0.147	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	518	0.050	ng	95

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

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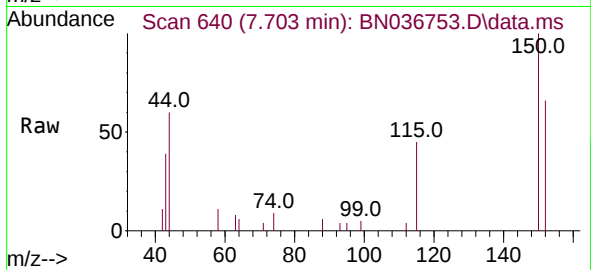
Quant Time: Mar 28 01:20:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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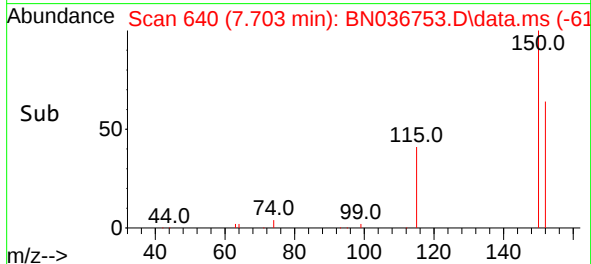
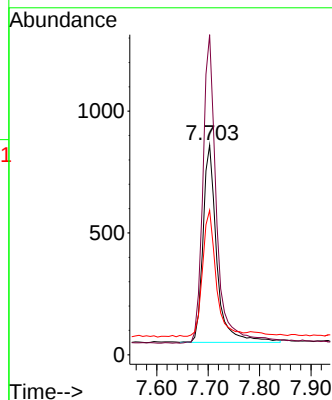


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.703 min Scan# 64
Delta R.T. -0.021 min
Lab File: BN036753.D
Acq: 28 Mar 2025 00:39

Instrument :
BNA_N
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RE117D2-20250319

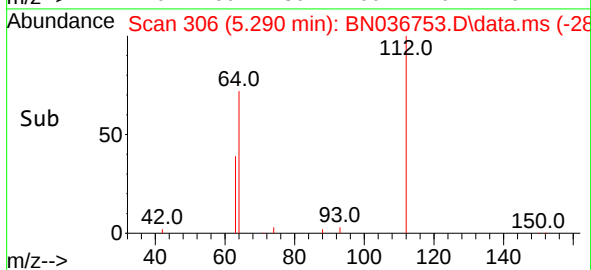
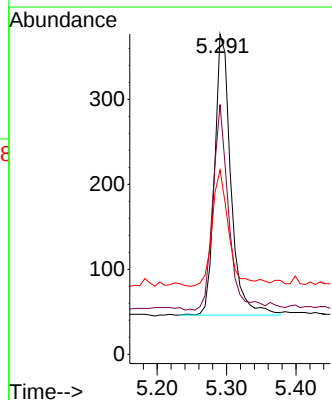
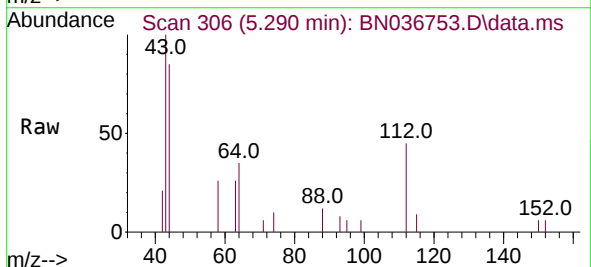


Tgt Ion:152 Resp: 1517
Ion Ratio Lower Upper
152 100
150 152.6 123.7 185.5
115 68.9 54.3 81.5



#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN036753.D
Acq: 28 Mar 2025 00:39

Tgt Ion:112 Resp: 538
Ion Ratio Lower Upper
112 100
64 70.6 53.1 79.7
63 42.9 31.8 47.8

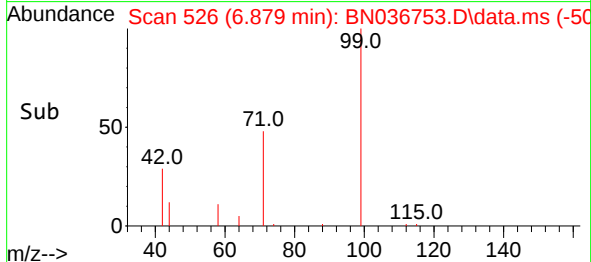
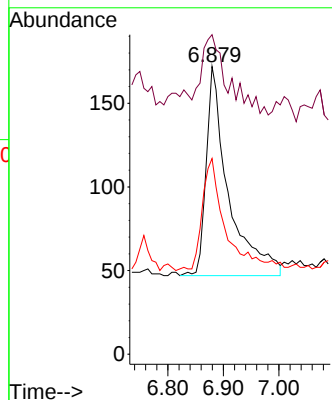
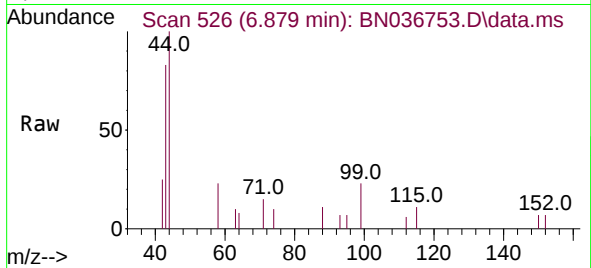




#5
Phenol-d6
Concen: 0.080 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.022 min
Lab File: BN036753.D
Acq: 28 Mar 2025 00:39

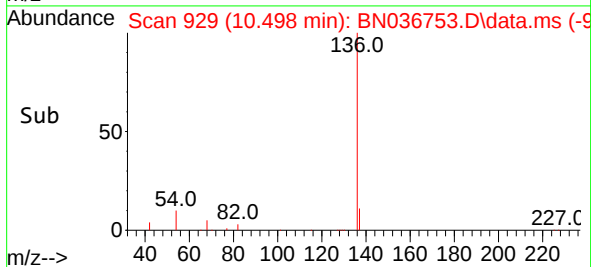
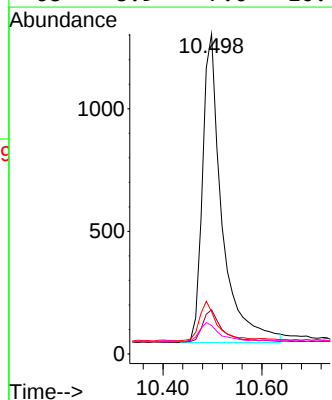
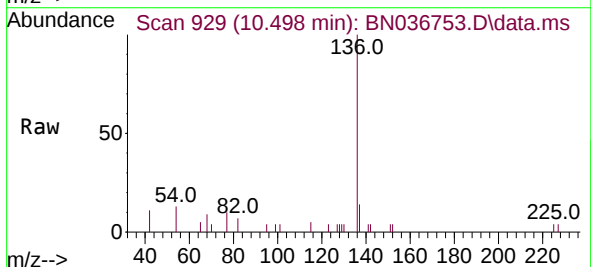
Instrument :
BNA_N
ClientSampleId :
RE117D2-20250319

Tgt Ion: 99 Resp: 348
Ion Ratio Lower Upper
99 100
42 24.1 26.5 39.7#
71 54.6 34.1 51.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN036753.D
Acq: 28 Mar 2025 00:39

Tgt Ion: 136 Resp: 3430
Ion Ratio Lower Upper
136 100
137 13.8 10.3 15.5
54 13.3 11.5 17.3
68 8.9 7.0 10.4

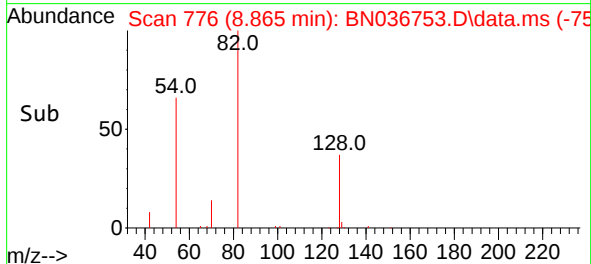
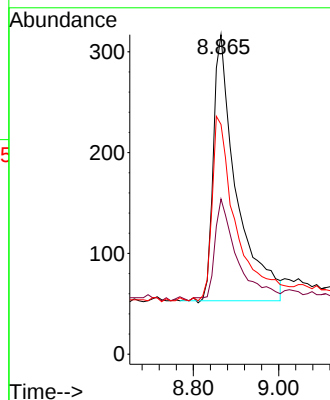
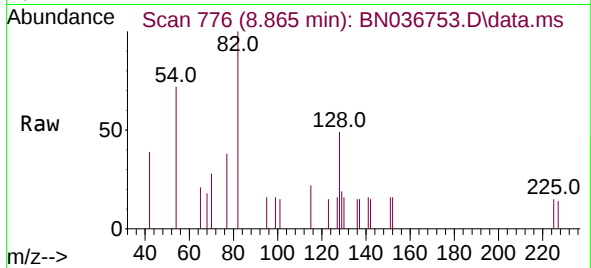




#8
Nitrobenzene-d5
Concen: 0.264 ng
RT: 8.865 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN036753.D
Acq: 28 Mar 2025 00:39

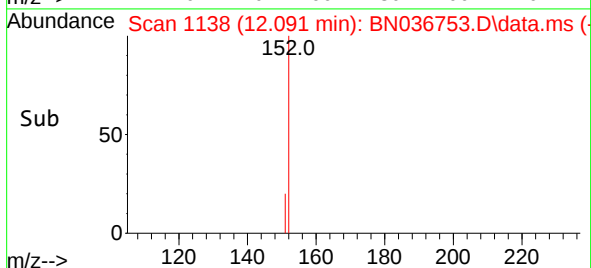
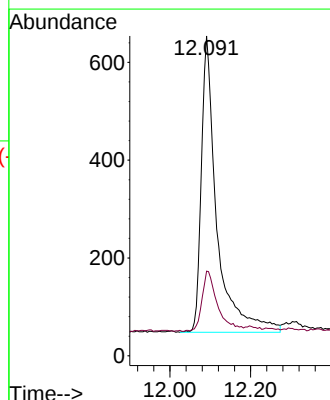
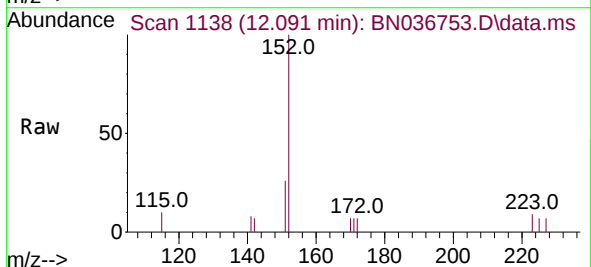
Instrument :
BNA_N
ClientSampleId :
RE117D2-20250319

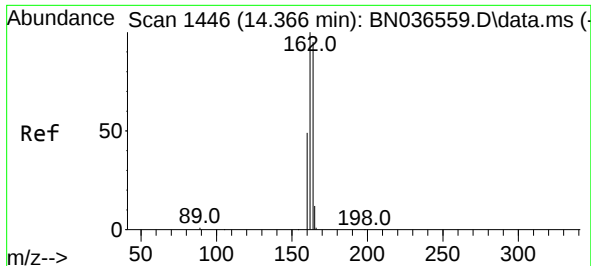
Tgt Ion: 82 Resp: 986
Ion Ratio Lower Upper
82 100
128 48.6 30.6 45.8#
54 71.9 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.091 min Scan# 1138
Delta R.T. -0.020 min
Lab File: BN036753.D
Acq: 28 Mar 2025 00:39

Tgt Ion:152 Resp: 1616
Ion Ratio Lower Upper
152 100
151 20.5 17.0 25.6

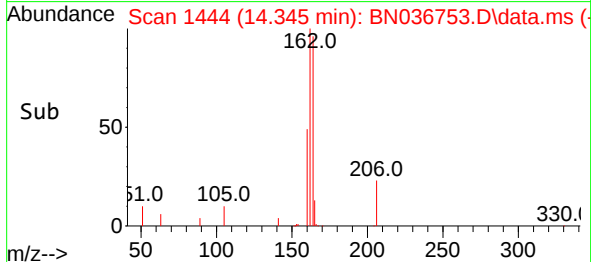
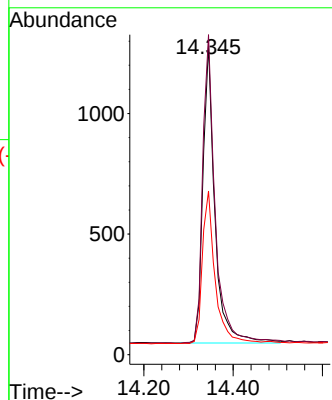
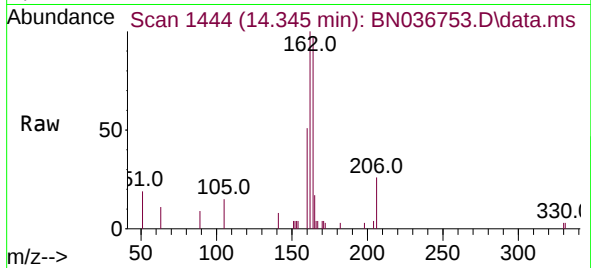




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BN036753.D
Acq: 28 Mar 2025 00:39

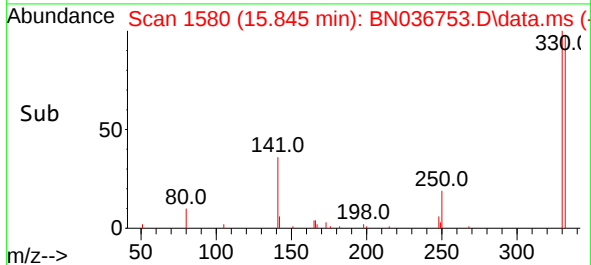
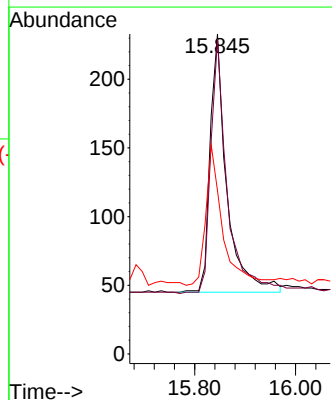
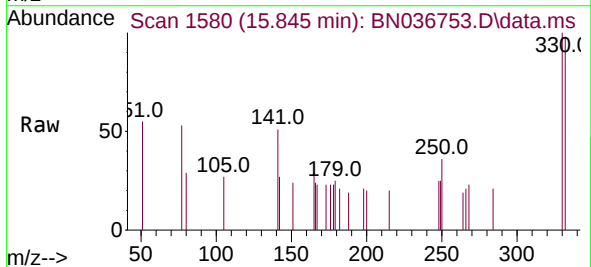
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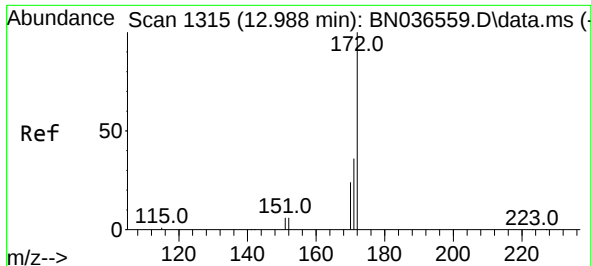
Tgt Ion:164 Resp: 2301
Ion Ratio Lower Upper
164 100
162 103.4 84.2 126.2
160 52.9 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.412 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BN036753.D
Acq: 28 Mar 2025 00:39

Tgt Ion:330 Resp: 430
Ion Ratio Lower Upper
330 100
332 99.8 75.2 112.8
141 54.7 43.4 65.2

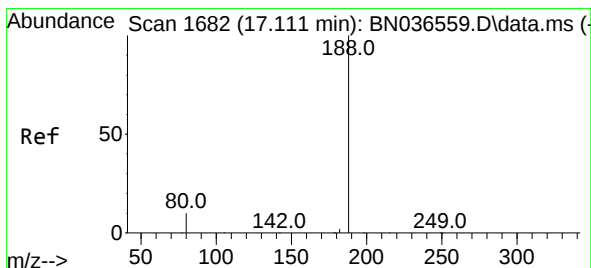
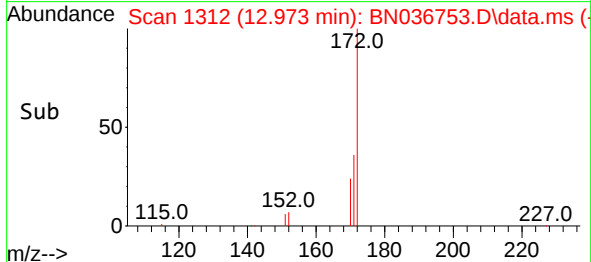
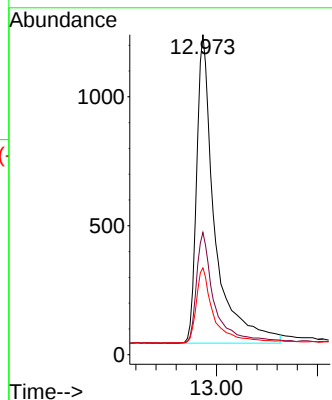
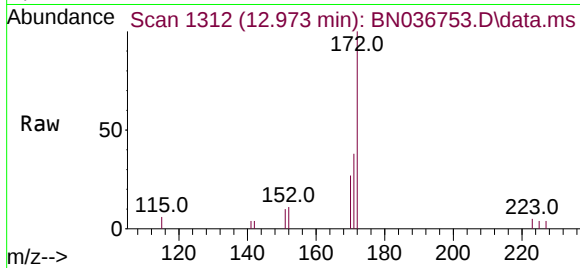




#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 12.973 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN036753.D
Acq: 28 Mar 2025 00:39

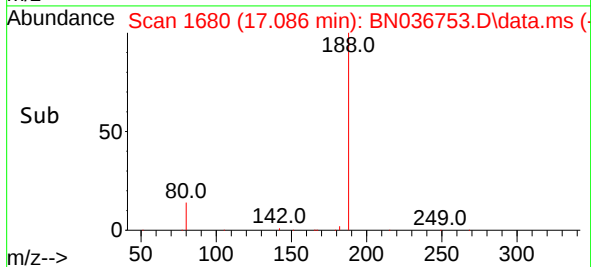
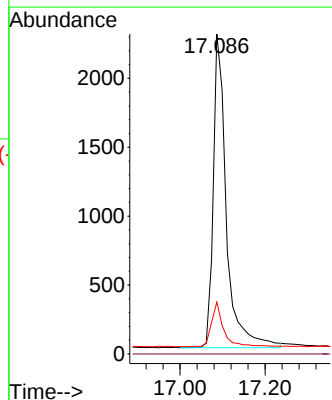
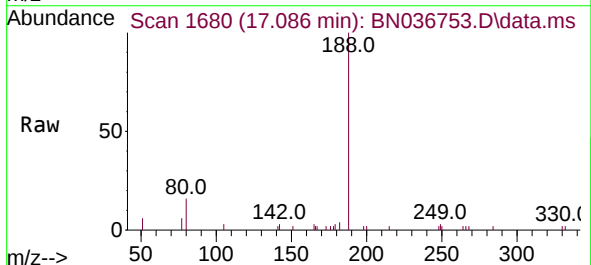
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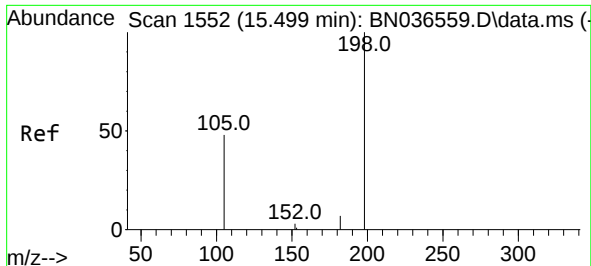
Tgt Ion:172 Resp: 3874
Ion Ratio Lower Upper
172 100
171 38.2 29.5 44.3
170 27.2 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036753.D
Acq: 28 Mar 2025 00:39

Tgt Ion:188 Resp: 4871
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.2 8.8 13.2#

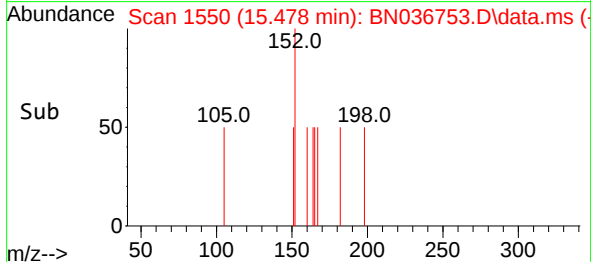
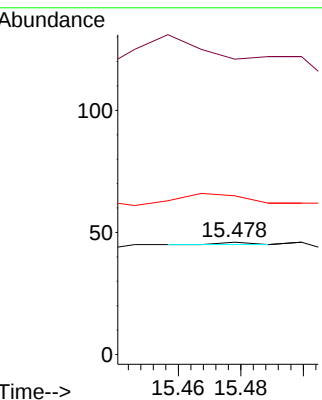
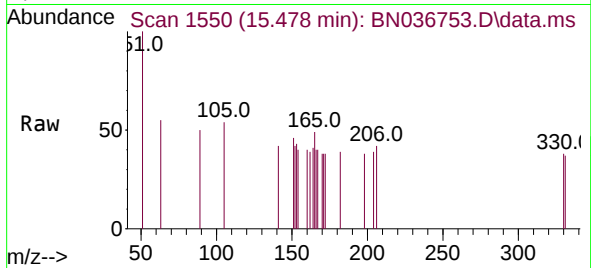




#20
4,6-Dinitro-2-methylphenol
Concen: 0.147 ng
RT: 15.478 min Scan# 11
Delta R.T. -0.021 min
Lab File: BN036753.D
Acq: 28 Mar 2025 00:39

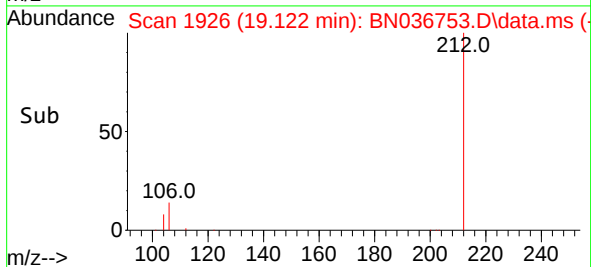
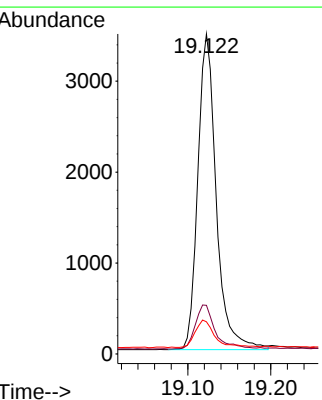
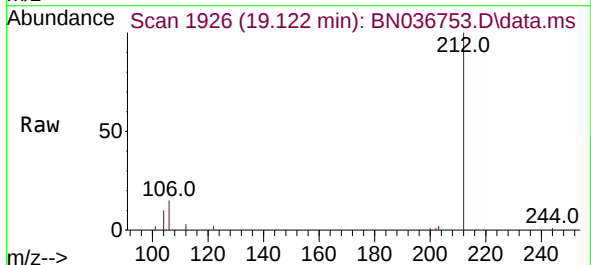
Instrument :
BNA_N
ClientSampleId :
RE117D2-20250319

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 263.0 107.9 161.9#
105 141.3 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.430 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.018 min
Lab File: BN036753.D
Acq: 28 Mar 2025 00:39

Tgt Ion:212 Resp: 5370
Ion Ratio Lower Upper
212 100
106 15.0 11.8 17.6
104 9.2 7.3 10.9

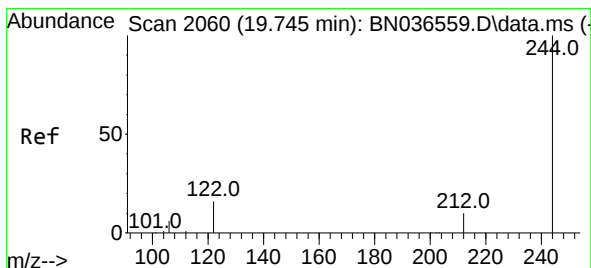
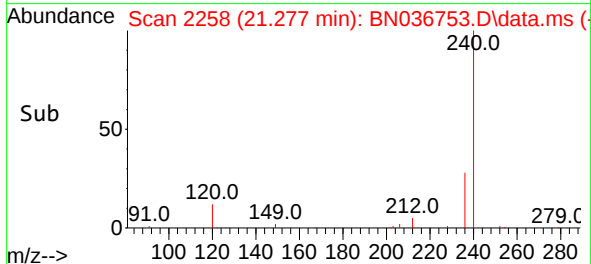
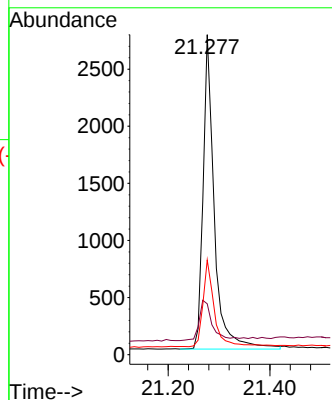
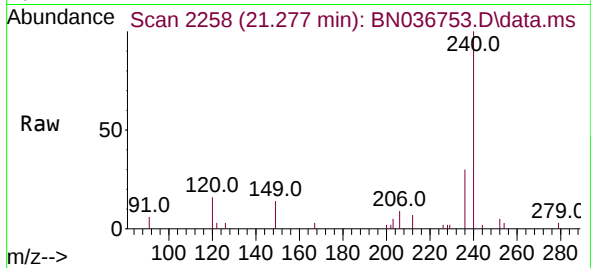




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036753.D
Acq: 28 Mar 2025 00:39

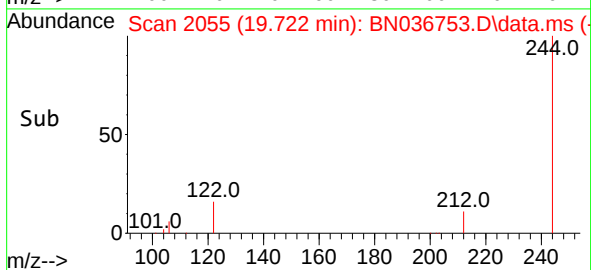
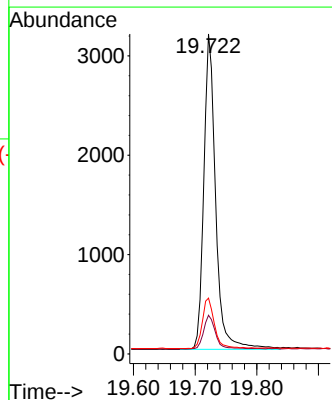
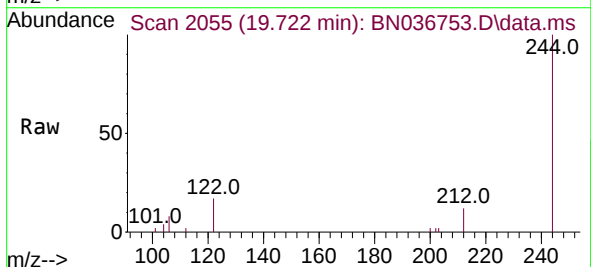
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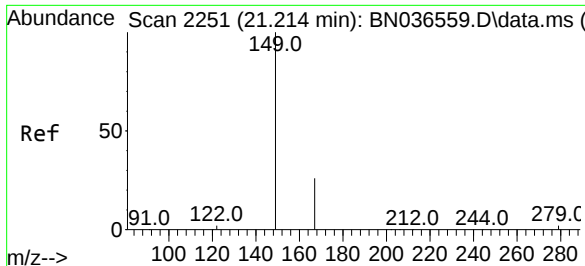
Tgt Ion:240 Resp: 4219
Ion Ratio Lower Upper
240 100
120 15.9 14.6 22.0
236 29.6 24.1 36.1



#31
Terphenyl-d14
Concen: 0.419 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.023 min
Lab File: BN036753.D
Acq: 28 Mar 2025 00:39

Tgt Ion:244 Resp: 4233
Ion Ratio Lower Upper
244 100
212 12.1 9.6 14.4
122 17.4 13.9 20.9

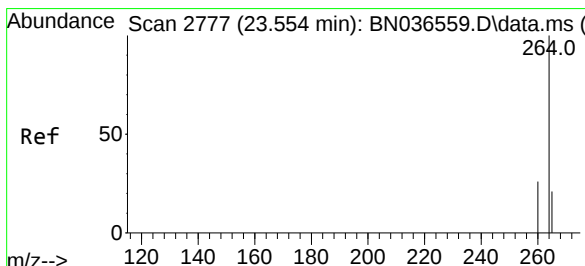
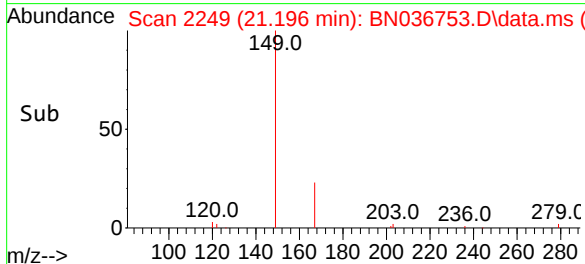
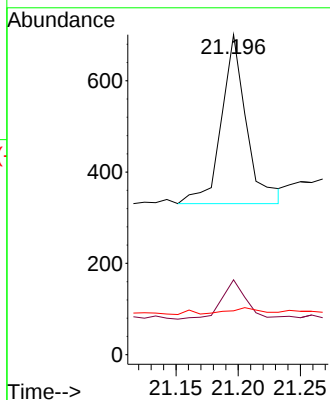
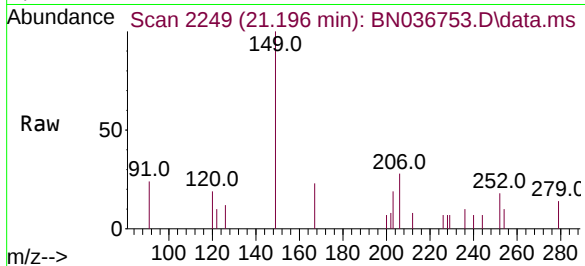




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.050 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.018 min
 Lab File: BN036753.D
 Acq: 28 Mar 2025 00:39

Instrument :
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 ClientSampleId :
 RE117D2-20250319

Tgt Ion:149 Resp: 518
 Ion Ratio Lower Upper
 149 100
 167 22.8 20.7 31.1
 279 4.8 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.522 min Scan# 2766
 Delta R.T. -0.032 min
 Lab File: BN036753.D
 Acq: 28 Mar 2025 00:39

Tgt Ion:264 Resp: 3720
 Ion Ratio Lower Upper
 264 100
 260 27.1 22.6 33.8
 265 89.0 88.1 132.1

