

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036777.D
 Acq On : 28 Mar 2025 17:38
 Operator : RC/JU
 Sample : Q1608-15DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20250318DL

Quant Time: Mar 28 18:23:14 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)

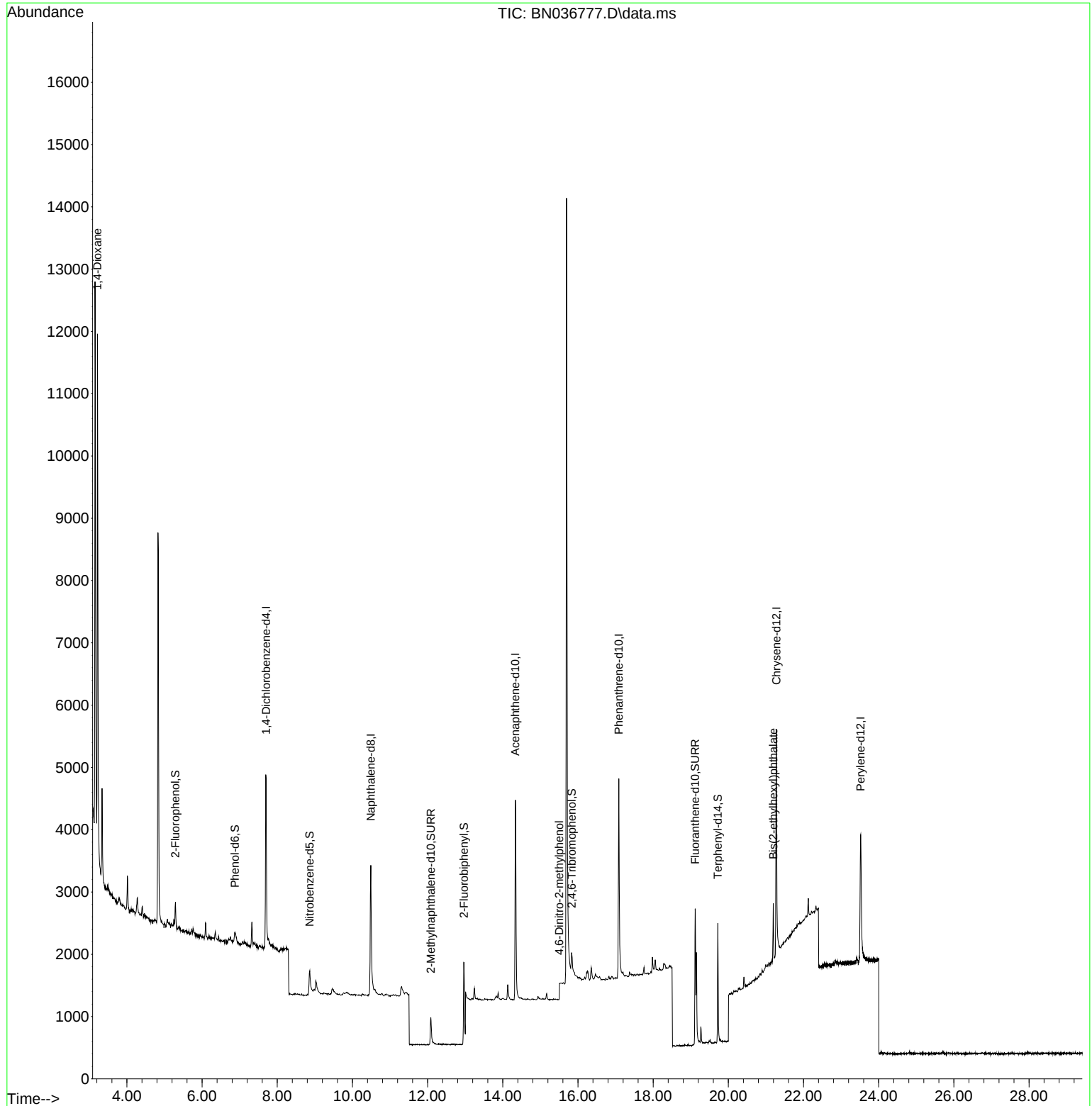
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1524	0.400	ng	-0.02
7) Naphthalene-d8	10.487	136	3591	0.400	ng	-0.02
13) Acenaphthene-d10	14.334	164	2164	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	5035	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	3983	0.400	ng	-0.02
35) Perylene-d12	23.519	264	3471	0.400	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	321	0.090	ng	-0.02
5) Phenol-d6	6.872	99	205	0.047	ng	-0.03
8) Nitrobenzene-d5	8.864	82	580	0.148	ng	-0.01
11) 2-Methylnaphthalene-d10	12.085	152	849	0.159	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	221	0.225	ng	-0.02
15) 2-Fluorobiphenyl	12.968	172	2066	0.164	ng	-0.02
27) Fluoranthene-d10	19.118	212	2813	0.218	ng	-0.02
31) Terphenyl-d14	19.722	244	1971	0.207	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.218	88	4366	2.583	ng	# 93
20) 4,6-Dinitro-2-methylph...	15.499	198	1	0.146	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	912	0.092	ng	95

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

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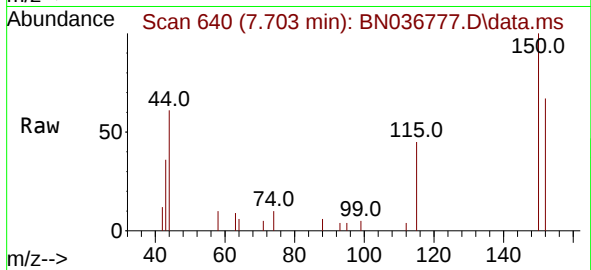
Quant Time: Mar 28 18:23:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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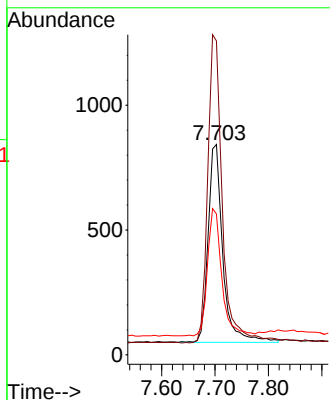
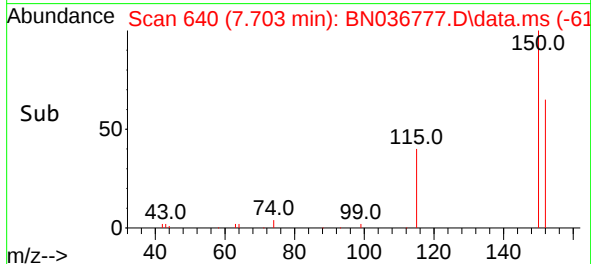


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036777.D
 Acq: 28 Mar 2025 17:38

Instrument :
 BNA_N
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 RE132D3-20250318DL

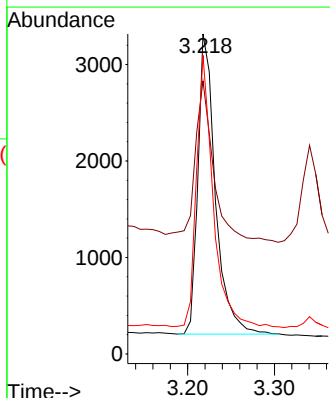
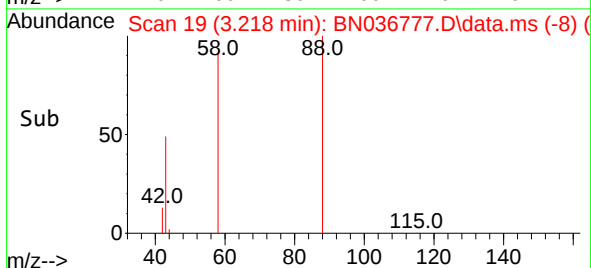
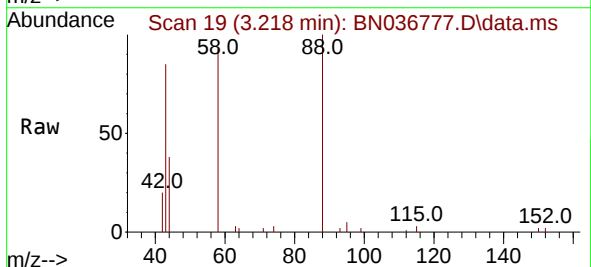


Tgt Ion:152 Resp: 1524
 Ion Ratio Lower Upper
 152 100
 150 149.2 123.7 185.5
 115 66.9 54.3 81.5



#2
 1,4-Dioxane
 Concen: 2.583 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.021 min
 Lab File: BN036777.D
 Acq: 28 Mar 2025 17:38

Tgt Ion: 88 Resp: 4366
 Ion Ratio Lower Upper
 88 100
 43 57.8 37.8 56.8#
 58 86.0 67.4 101.2

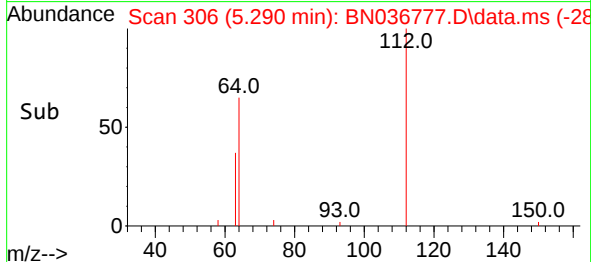
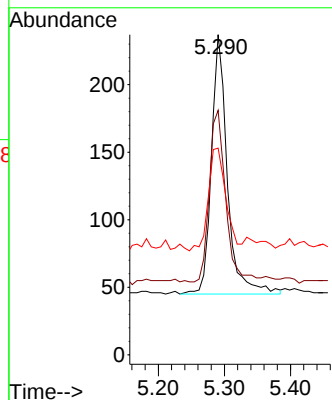
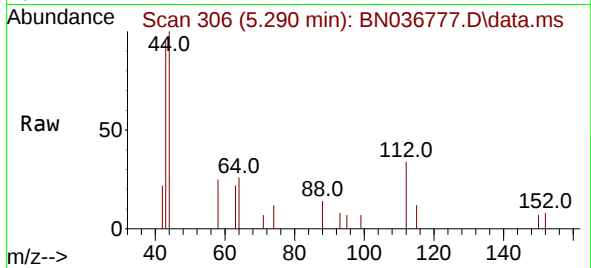




#4
2-Fluorophenol
Concen: 0.090 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036777.D
Acq: 28 Mar 2025 17:38

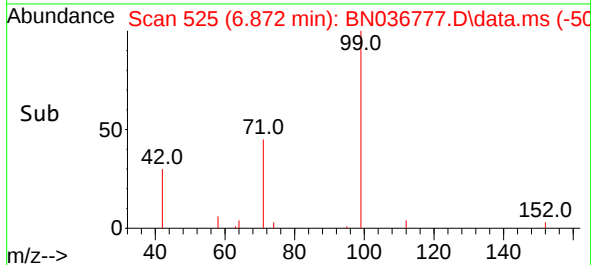
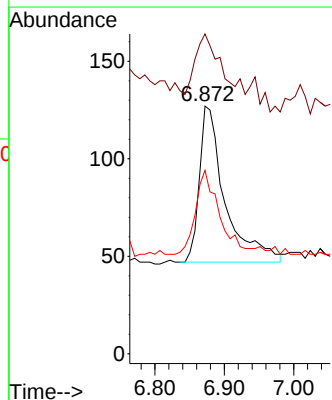
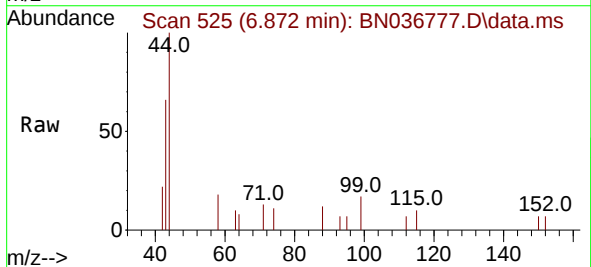
Instrument :
BNA_N
ClientSampleId :
RE132D3-20250318DL

Tgt Ion:112 Resp: 321
Ion Ratio Lower Upper
112 100
64 67.9 53.1 79.7
63 43.6 31.8 47.8



#5
Phenol-d6
Concen: 0.047 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036777.D
Acq: 28 Mar 2025 17:38

Tgt Ion: 99 Resp: 205
Ion Ratio Lower Upper
99 100
42 36.1 26.5 39.7
71 49.8 34.1 51.1

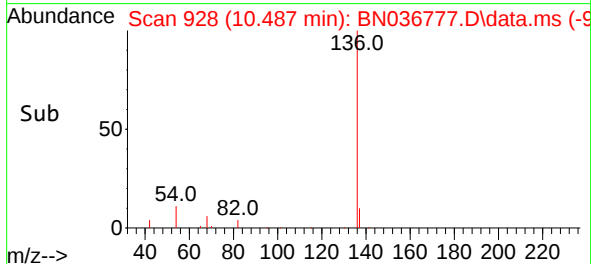
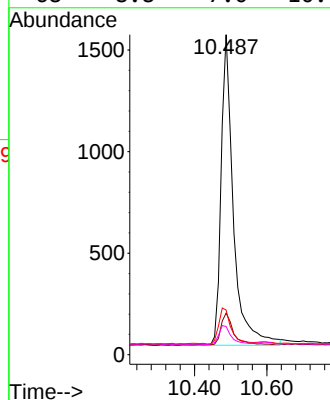
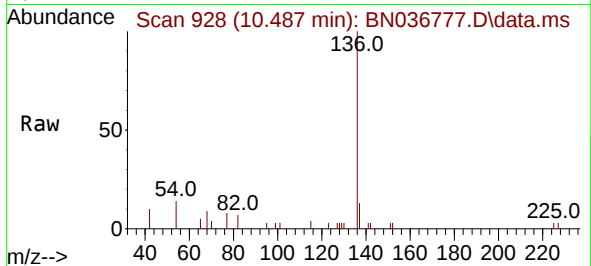




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036777.D
Acq: 28 Mar 2025 17:38

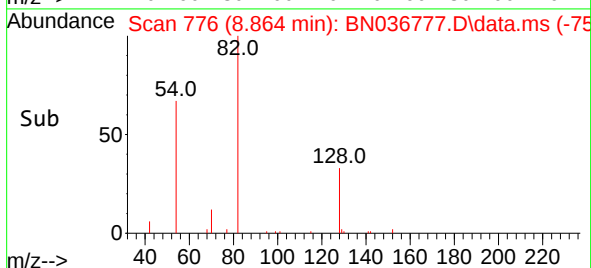
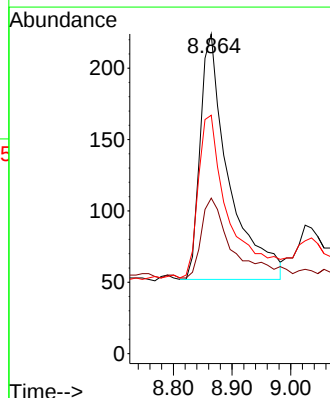
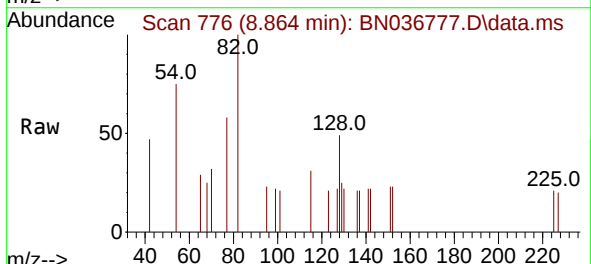
Instrument :
BNA_N
ClientSampleId :
RE132D3-20250318DL

Tgt Ion:136	Resp:	3591
Ion	Ratio	Lower Upper
136	100	
137	13.0	10.3 15.5
54	14.0	11.5 17.3
68	8.8	7.0 10.4



#8
Nitrobenzene-d5
Concen: 0.148 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN036777.D
Acq: 28 Mar 2025 17:38

Tgt Ion: 82	Resp:	580
Ion	Ratio	Lower Upper
82	100	
128	48.7	30.6 45.8
54	74.6	52.2 78.4

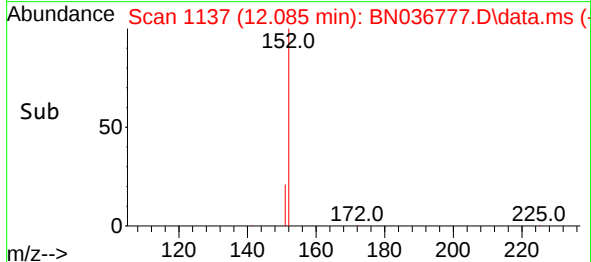
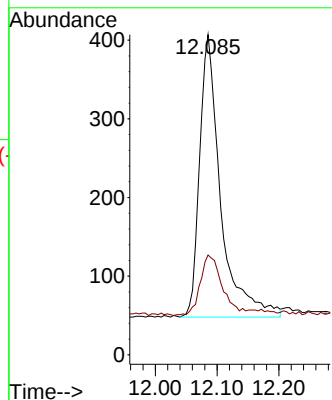
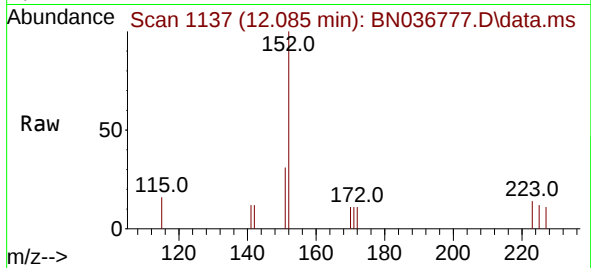




#11
2-Methylnaphthalene-d10
Concen: 0.159 ng
RT: 12.085 min Scan# 1142
Delta R.T. -0.025 min
Lab File: BN036777.D
Acq: 28 Mar 2025 17:38

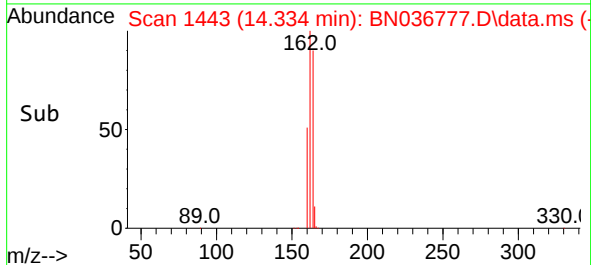
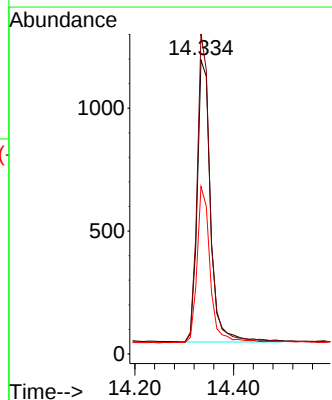
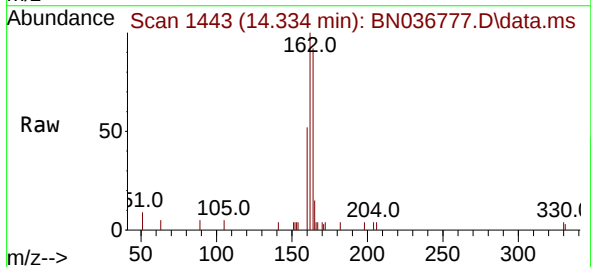
Instrument :
BNA_N
ClientSampleId :
RE132D3-20250318DL

Tgt Ion:152 Resp: 849
Ion Ratio Lower Upper
152 100
151 22.7 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: BN036777.D
Acq: 28 Mar 2025 17:38

Tgt Ion:164 Resp: 2164
Ion Ratio Lower Upper
164 100
162 108.9 84.2 126.2
160 56.9 42.2 63.2

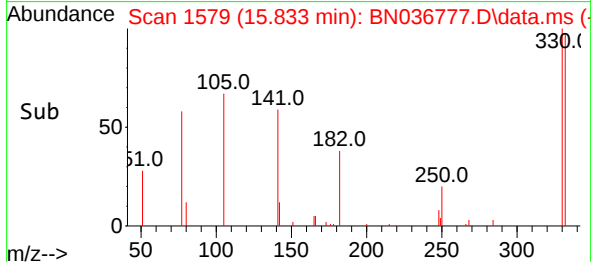
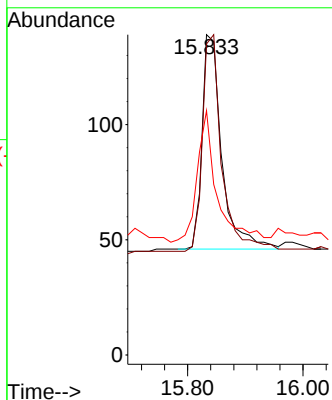
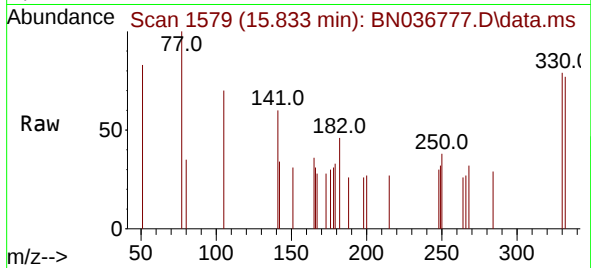




#14
2,4,6-Tribromophenol
Concen: 0.225 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036777.D
Acq: 28 Mar 2025 17:38

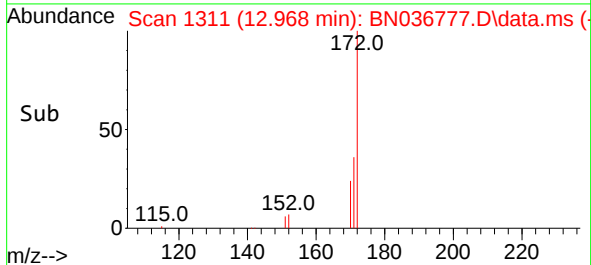
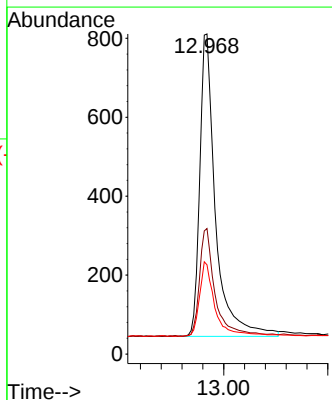
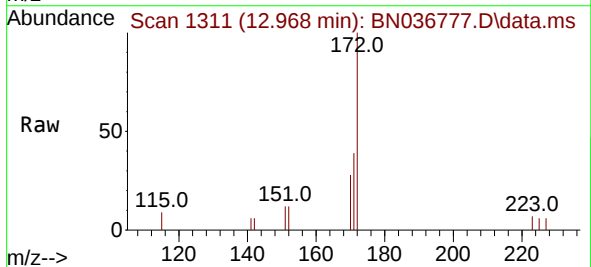
Instrument :
BNA_N
ClientSampleId :
RE132D3-20250318DL

Tgt Ion:330 Resp: 221
Ion Ratio Lower Upper
330 100
332 99.5 75.2 112.8
141 61.5 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.164 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.020 min
Lab File: BN036777.D
Acq: 28 Mar 2025 17:38

Tgt Ion:172 Resp: 2066
Ion Ratio Lower Upper
172 100
171 39.2 29.5 44.3
170 27.9 20.2 30.4

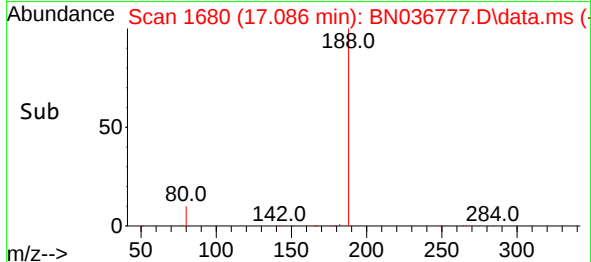
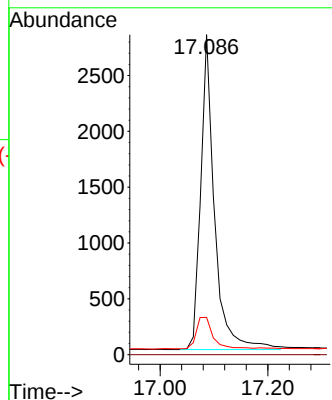
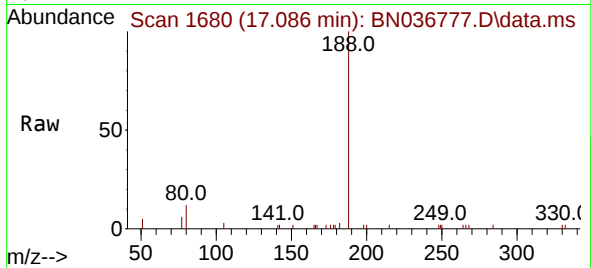




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN036777.D
Acq: 28 Mar 2025 17:38

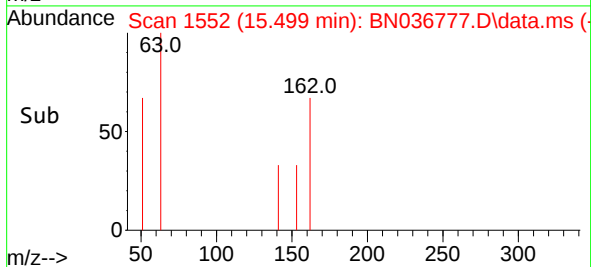
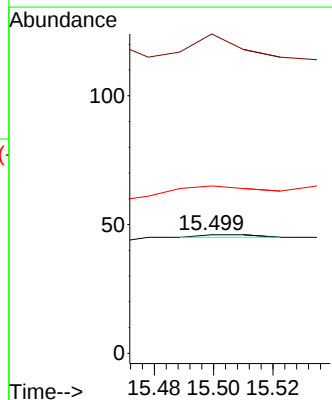
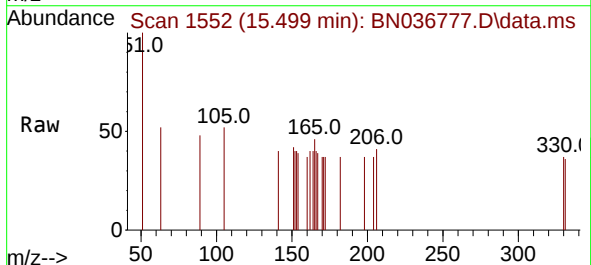
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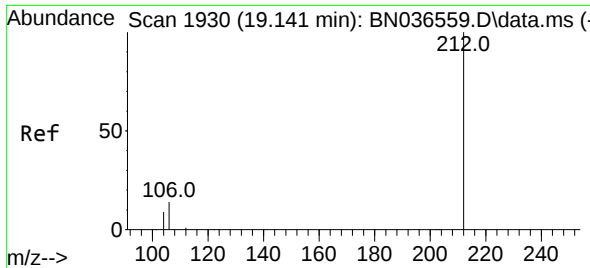
Tgt Ion:188 Resp: 5035
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 8.8 13.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.499 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BN036777.D
Acq: 28 Mar 2025 17:38

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 269.6 107.9 161.9#
105 141.3 56.2 84.2#

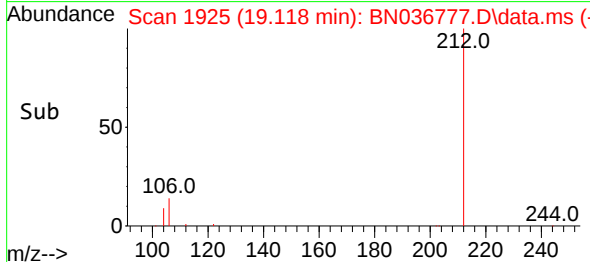
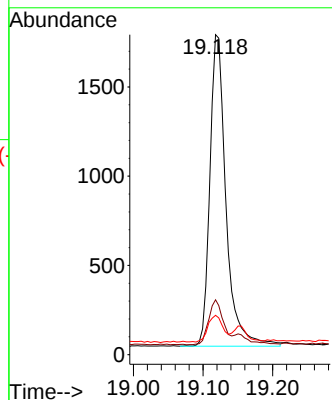
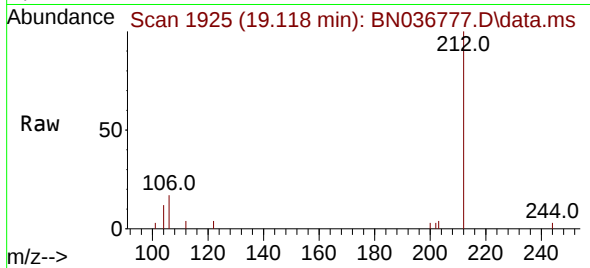




#27
Fluoranthene-d10
Concen: 0.218 ng
RT: 19.118 min Scan# 19
Delta R.T. -0.023 min
Lab File: BN036777.D
Acq: 28 Mar 2025 17:38

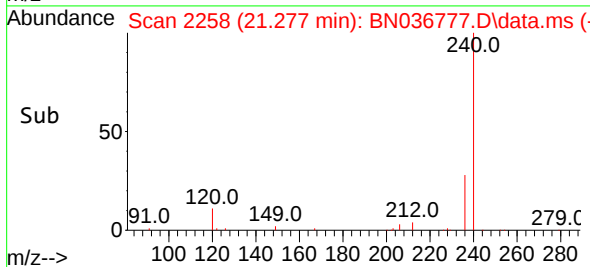
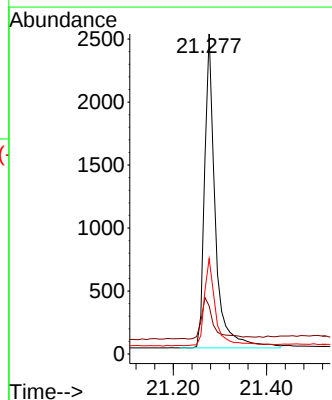
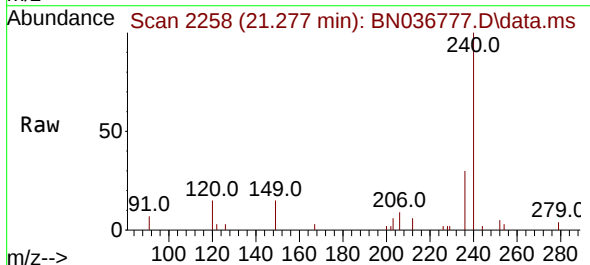
Instrument :
BNA_N
ClientSampleId :
RE132D3-20250318DL

Tgt Ion:212 Resp: 2813
Ion Ratio Lower Upper
212 100
106 13.1 11.8 17.6
104 7.8 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: BN036777.D
Acq: 28 Mar 2025 17:38

Tgt Ion:240 Resp: 3983
Ion Ratio Lower Upper
240 100
120 15.0 14.6 22.0
236 29.8 24.1 36.1

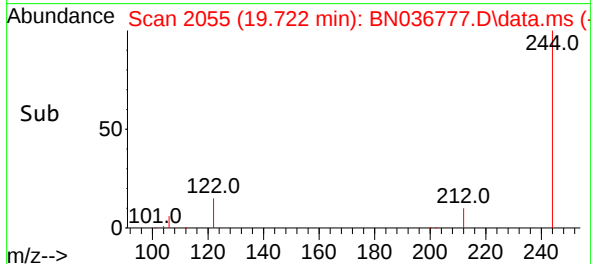
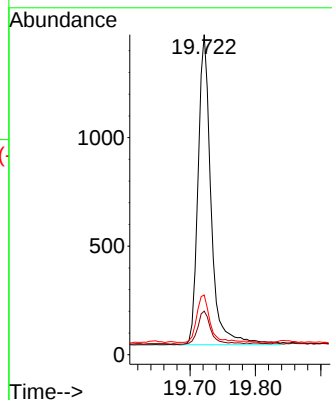
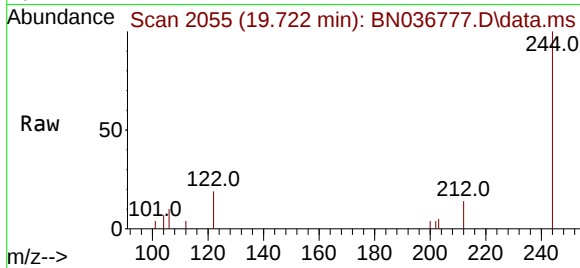




#31
 Terphenyl-d14
 Concen: 0.207 ng
 RT: 19.722 min Scan# 2060
 Delta R.T. -0.023 min
 Lab File: BN036777.D
 Acq: 28 Mar 2025 17:38

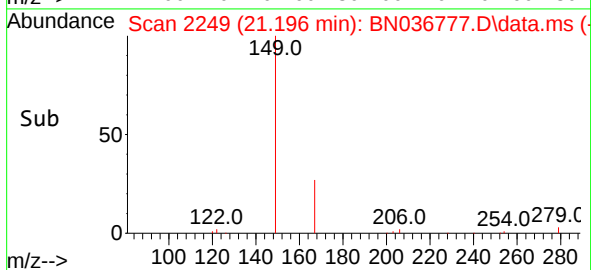
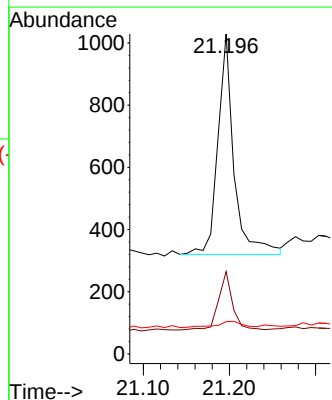
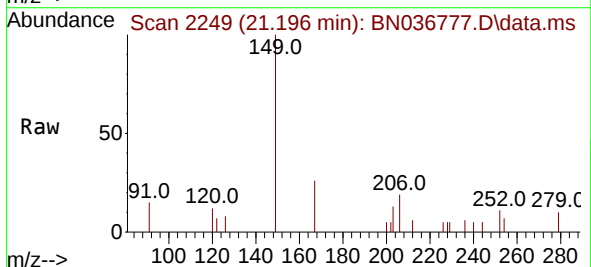
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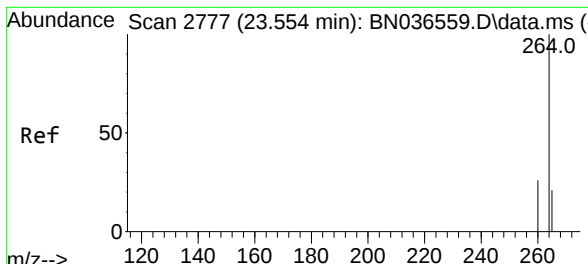
Tgt Ion:244	Resp:	1971
Ion Ratio	Lower	Upper
244	100	
212	13.6	9.6 14.4
122	18.7	13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.092 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.018 min
 Lab File: BN036777.D
 Acq: 28 Mar 2025 17:38

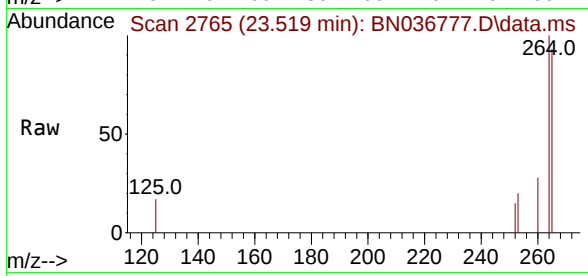
Tgt Ion:149	Resp:	912
Ion Ratio	Lower	Upper
149	100	
167	23.1	20.7 31.1
279	4.5	3.6 5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.519 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BN036777.D
 Acq: 28 Mar 2025 17:38

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20250318DL



Tgt Ion:264 Resp: 3471

Ion	Ratio	Lower	Upper
264	100		
260	27.6	22.6	33.8
265	93.4	88.1	132.1

