

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036744.D
 Acq On : 27 Mar 2025 19:15
 Operator : RC/JU
 Sample : Q1608-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP08-20250318

Quant Time: Mar 28 00:57:46 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)

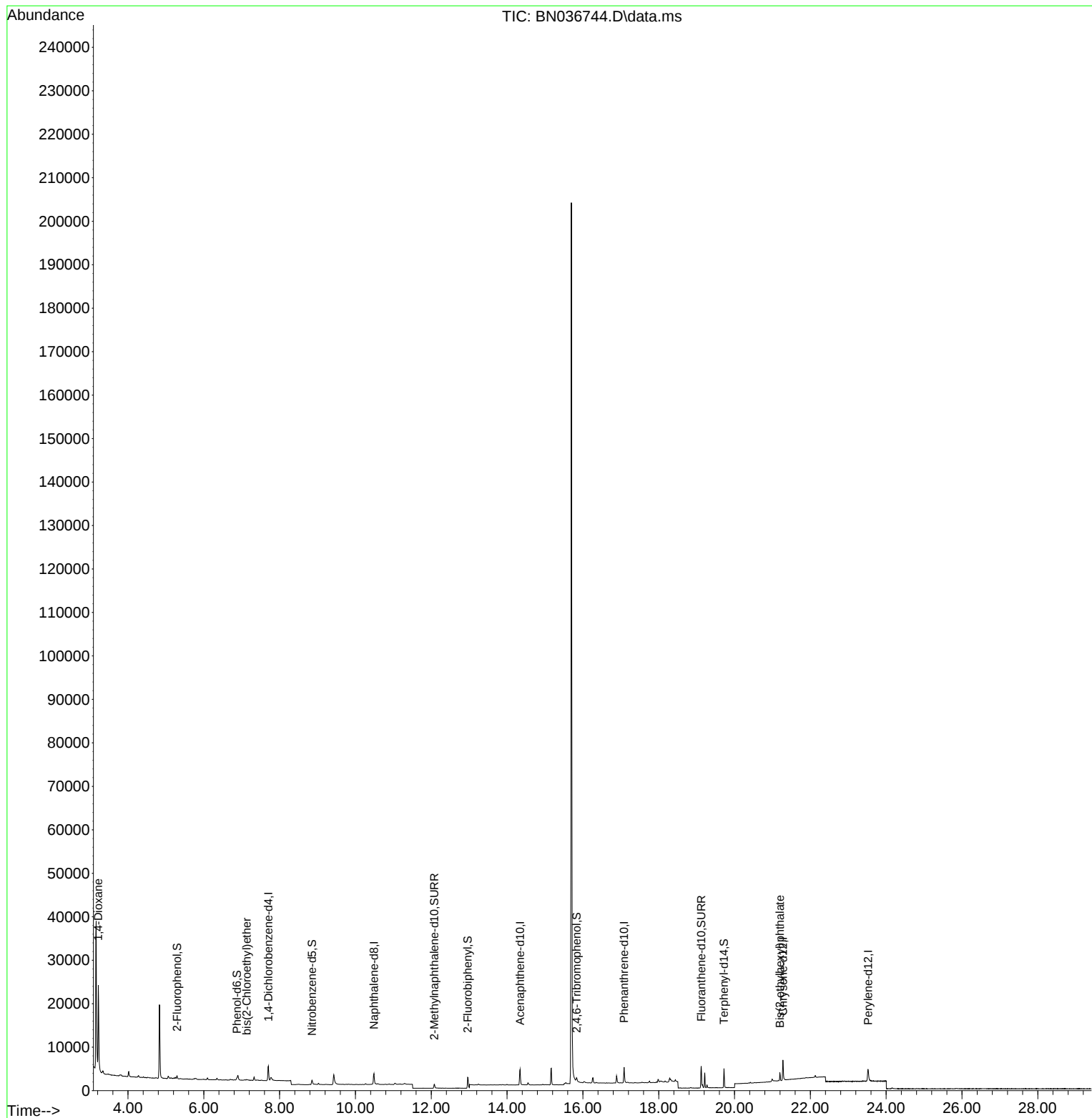
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1495	0.400	ng	-0.02
7) Naphthalene-d8	10.487	136	3627	0.400	ng	-0.02
13) Acenaphthene-d10	14.345	164	2226	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	5166	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	4662	0.400	ng	-0.02
35) Perylene-d12	23.522	264	4214	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	520	0.149	ng	-0.01
5) Phenol-d6	6.872	99	394	0.092	ng	-0.03
8) Nitrobenzene-d5	8.854	82	1069	0.271	ng	-0.02
11) 2-Methylnaphthalene-d10	12.080	152	1468	0.272	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	457	0.452	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	3667	0.283	ng	-0.03
27) Fluoranthene-d10	19.122	212	5822	0.440	ng	-0.02
31) Terphenyl-d14	19.722	244	4214	0.377	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	10214	6.159	ng	97
6) bis(2-Chloroethyl)ether	7.132	93	110	0.025	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.196	149	1736	0.150	ng	# 98

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

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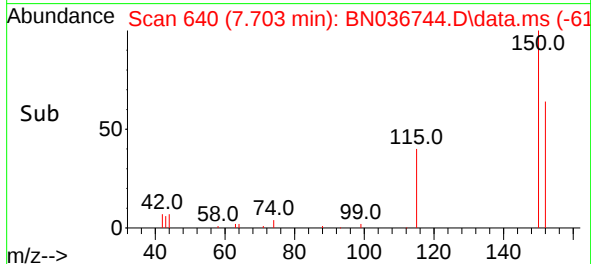
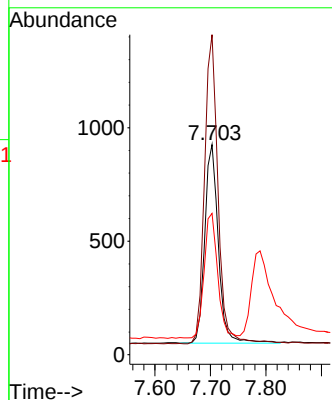
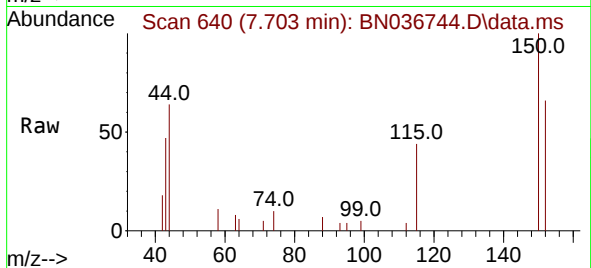




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036744.D
 Acq: 27 Mar 2025 19:15

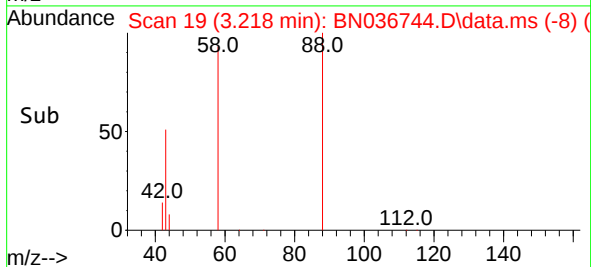
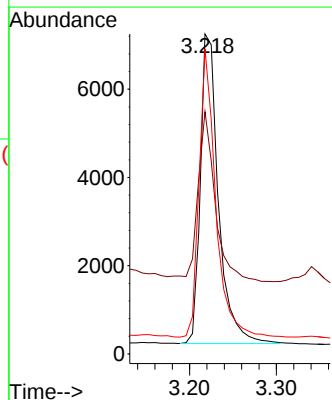
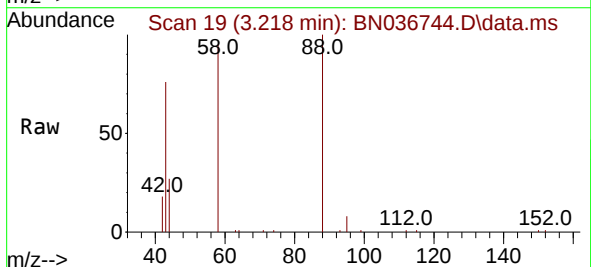
Instrument :
 BNA_N
 ClientSampleId :
 DUP08-20250318

Tgt Ion:152 Resp: 1495
 Ion Ratio Lower Upper
 152 100
 150 152.3 123.7 185.5
 115 67.3 54.3 81.5



#2
 1,4-Dioxane
 Concen: 6.159 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.021 min
 Lab File: BN036744.D
 Acq: 27 Mar 2025 19:15

Tgt Ion: 88 Resp: 10214
 Ion Ratio Lower Upper
 88 100
 43 51.7 37.8 56.8
 58 85.7 67.4 101.2

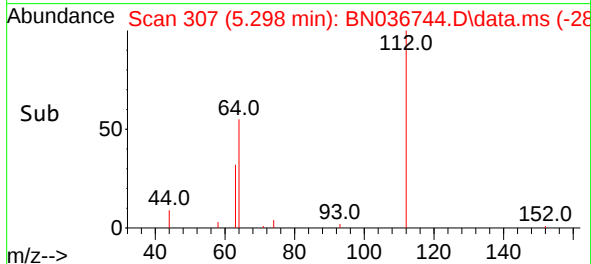
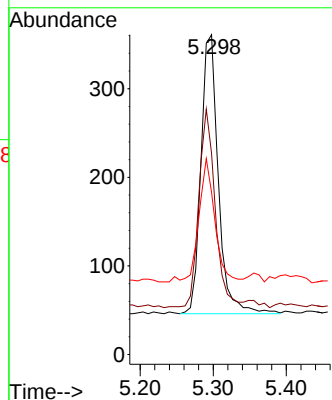
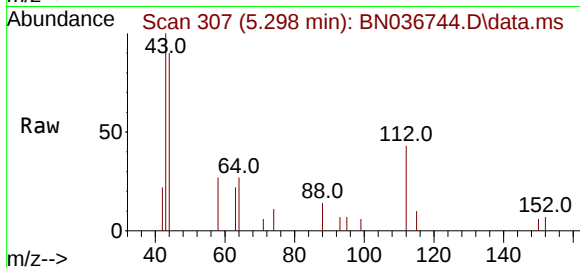




#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.298 min Scan# 307
Delta R.T. -0.014 min
Lab File: BN036744.D
Acq: 27 Mar 2025 19:15

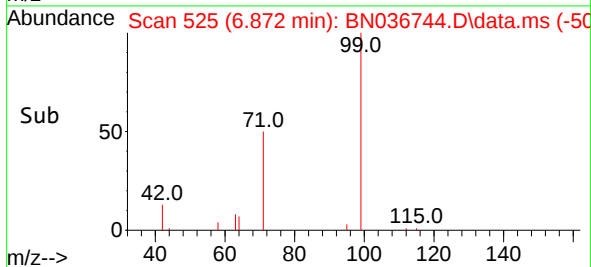
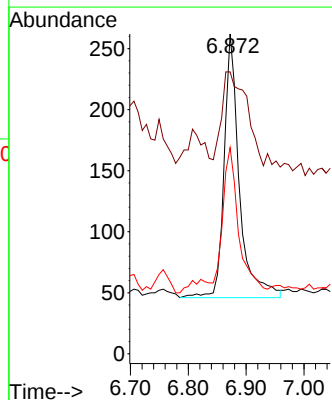
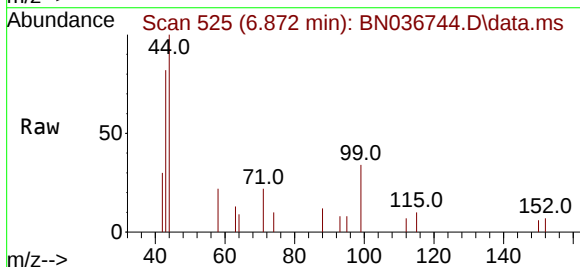
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BNA_N
ClientSampleId :
DUP08-20250318

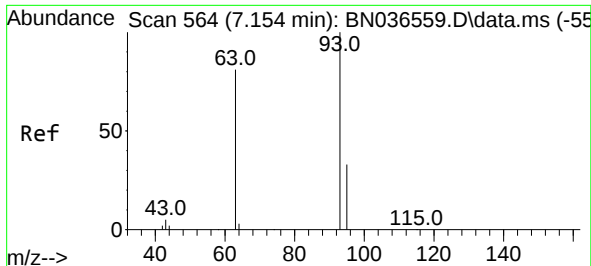
Tgt Ion:112 Resp: 520
Ion Ratio Lower Upper
112 100
64 66.0 53.1 79.7
63 42.1 31.8 47.8



#5
Phenol-d6
Concen: 0.092 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036744.D
Acq: 27 Mar 2025 19:15

Tgt Ion: 99 Resp: 394
Ion Ratio Lower Upper
99 100
42 57.9 26.5 39.7#
71 55.1 34.1 51.1#

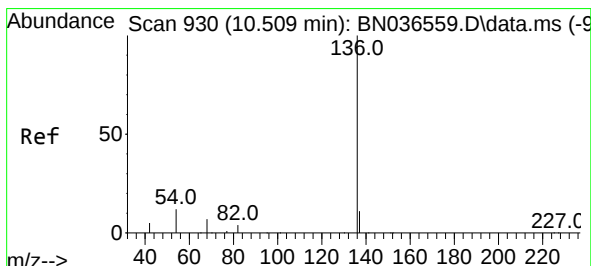
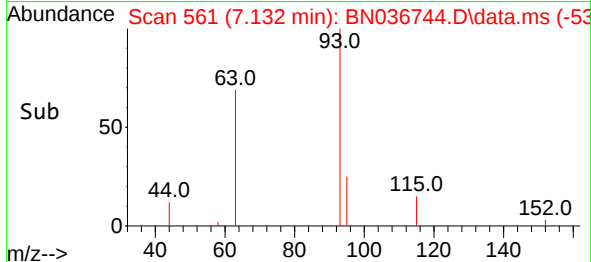
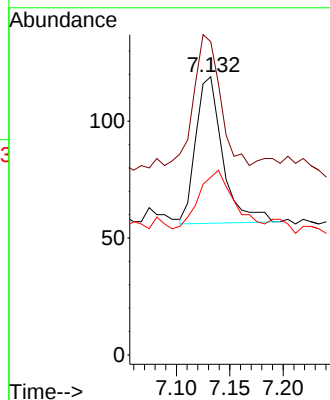
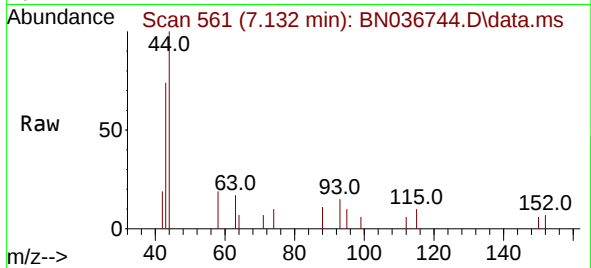




#6
bis(2-Chloroethyl)ether
Concen: 0.025 ng
RT: 7.132 min Scan# 501
Delta R.T. -0.022 min
Lab File: BN036744.D
Acq: 27 Mar 2025 19:15

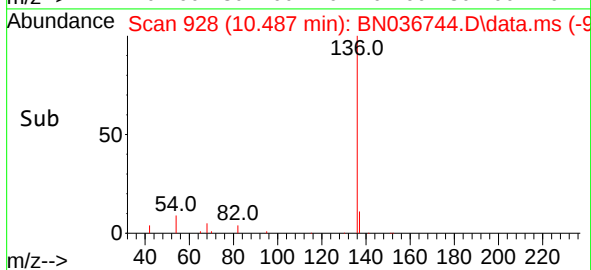
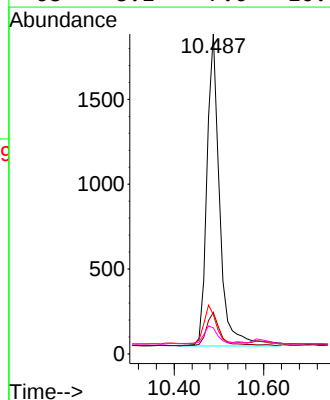
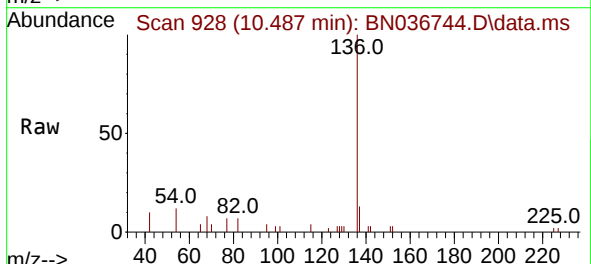
Instrument :
BNA_N
ClientSampleId :
DUP08-20250318

Tgt Ion: 93 Resp: 110
Ion Ratio Lower Upper
93 100
63 92.7 67.7 101.5
95 50.9 25.6 38.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 928
Delta R.T. -0.021 min
Lab File: BN036744.D
Acq: 27 Mar 2025 19:15

Tgt Ion:136 Resp: 3627
Ion Ratio Lower Upper
136 100
137 13.0 10.3 15.5
54 12.3 11.5 17.3
68 8.1 7.0 10.4

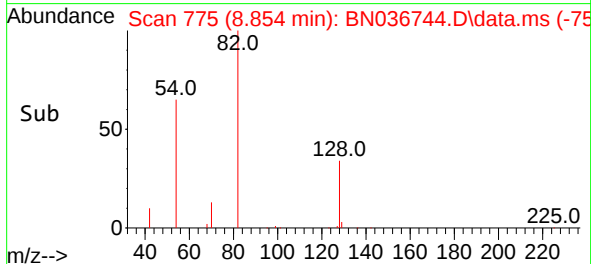
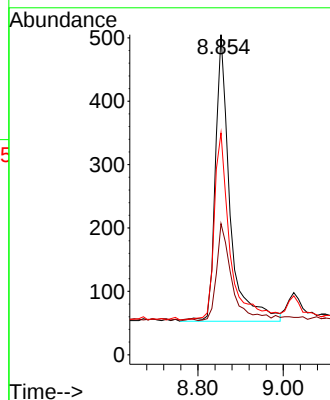
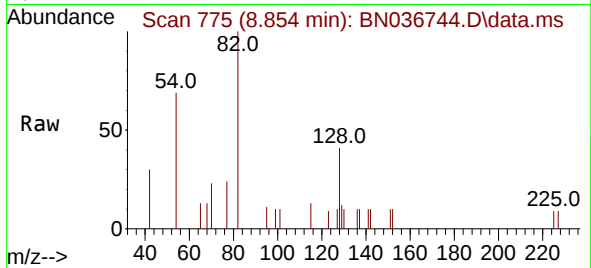




#8
 Nitrobenzene-d5
 Concen: 0.271 ng
 RT: 8.854 min Scan# 71
 Delta R.T. -0.021 min
 Lab File: BN036744.D
 Acq: 27 Mar 2025 19:15

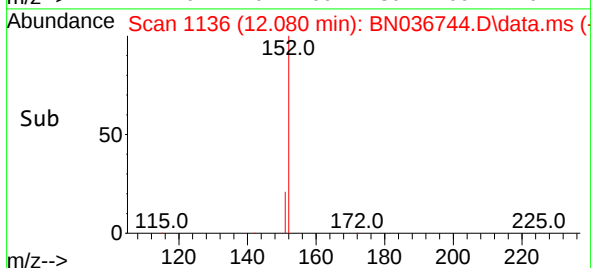
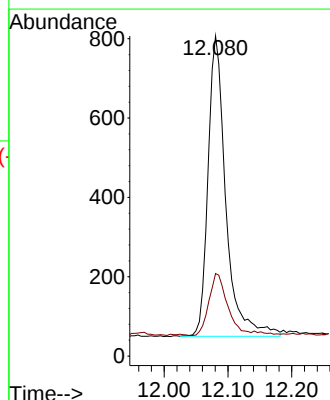
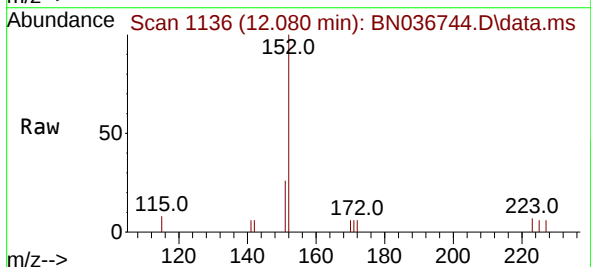
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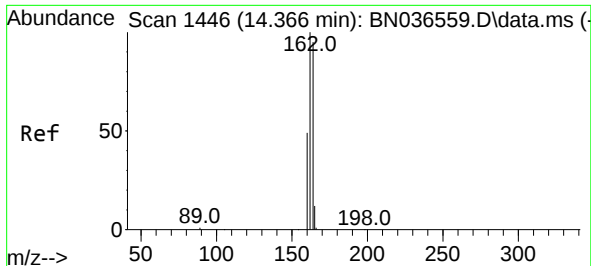
Tgt Ion: 82 Resp: 1069
 Ion Ratio Lower Upper
 82 100
 128 41.0 30.6 45.8
 54 69.3 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.272 ng
 RT: 12.080 min Scan# 1136
 Delta R.T. -0.030 min
 Lab File: BN036744.D
 Acq: 27 Mar 2025 19:15

Tgt Ion: 152 Resp: 1468
 Ion Ratio Lower Upper
 152 100
 151 21.4 17.0 25.6

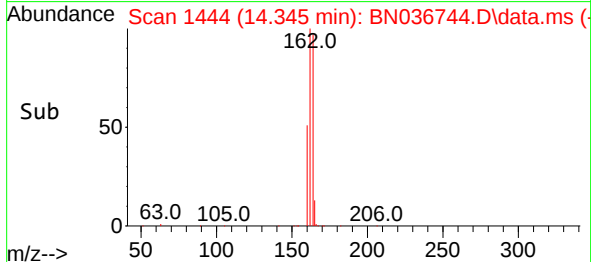
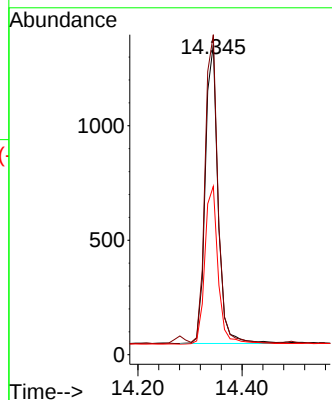
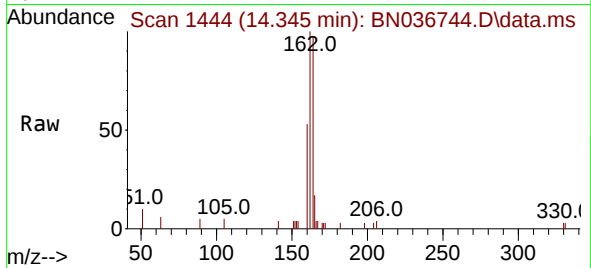




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BN036744.D
Acq: 27 Mar 2025 19:15

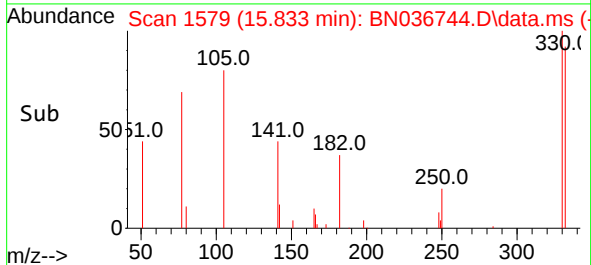
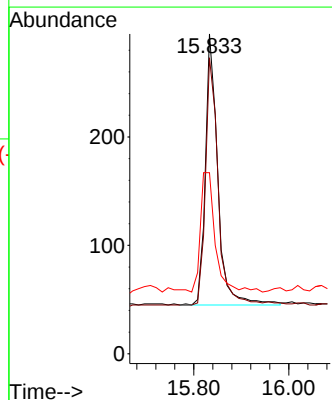
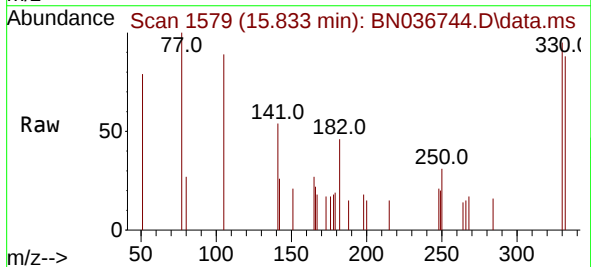
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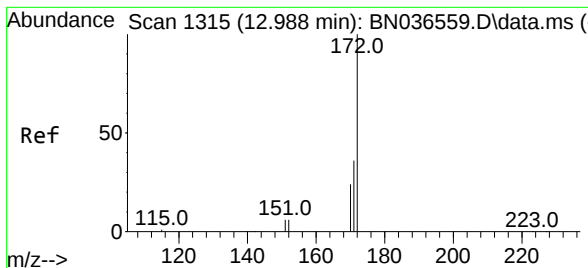
Tgt Ion:164 Resp: 2226
Ion Ratio Lower Upper
164 100
162 103.2 84.2 126.2
160 54.2 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.452 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.025 min
Lab File: BN036744.D
Acq: 27 Mar 2025 19:15

Tgt Ion:330 Resp: 457
Ion Ratio Lower Upper
330 100
332 93.0 75.2 112.8
141 52.1 43.4 65.2

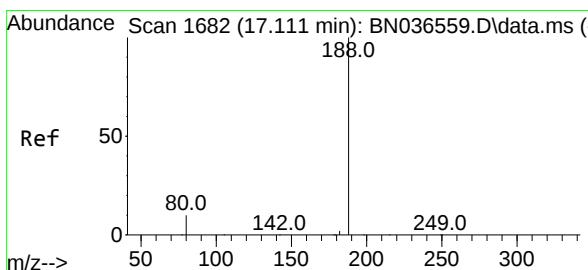
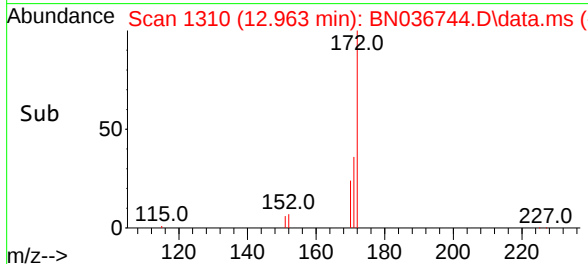
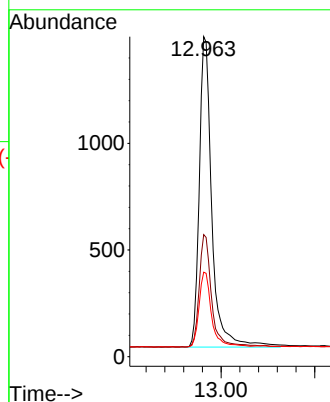
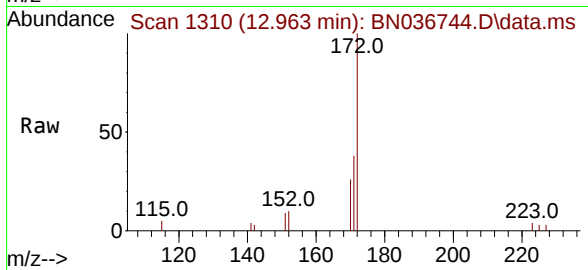




#15
2-Fluorobiphenyl
Concen: 0.283 ng
RT: 12.963 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036744.D
Acq: 27 Mar 2025 19:15

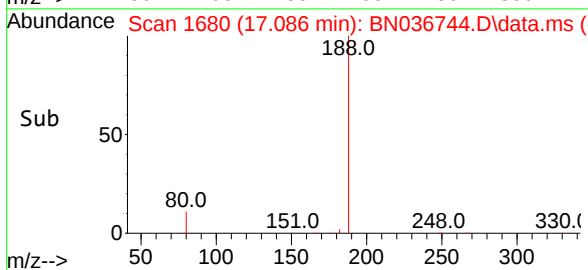
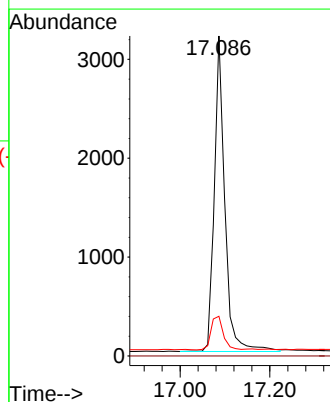
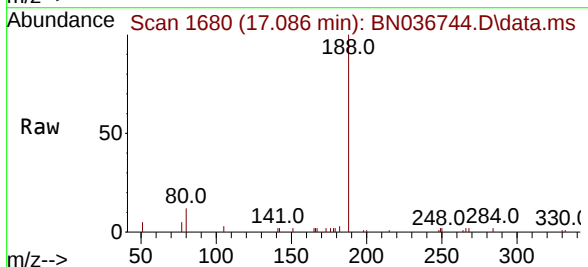
Instrument :
BNA_N
ClientSampleId :
DUP08-20250318

Tgt Ion:172 Resp: 3667
Ion Ratio Lower Upper
172 100
171 38.1 29.5 44.3
170 26.4 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: BN036744.D
Acq: 27 Mar 2025 19:15

Tgt Ion:188 Resp: 5166
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 8.8 13.2

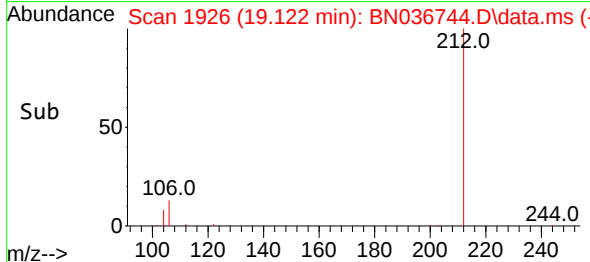
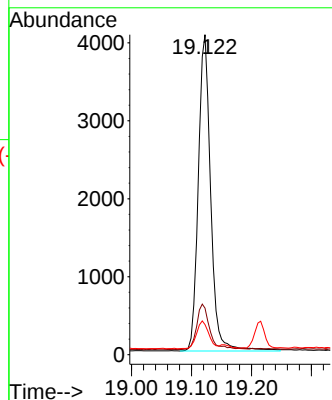
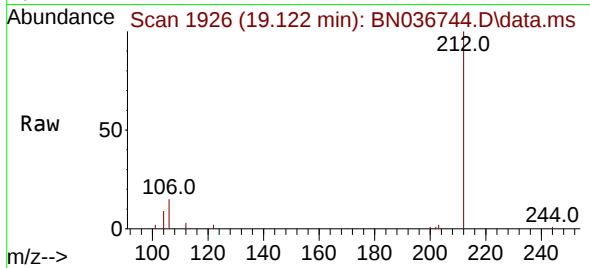




#27
Fluoranthene-d10
Concen: 0.440 ng
RT: 19.122 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BN036744.D
Acq: 27 Mar 2025 19:15

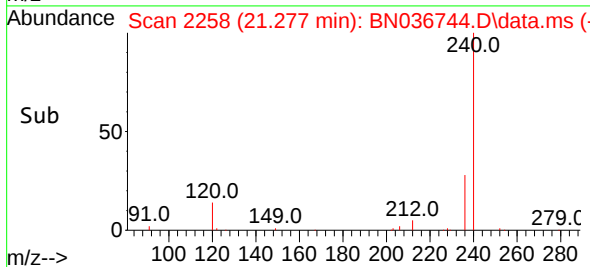
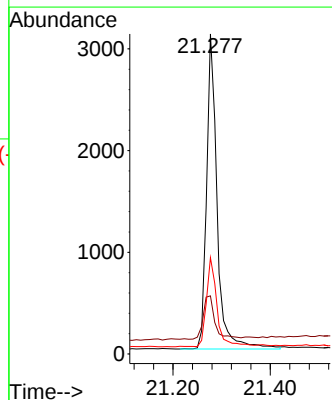
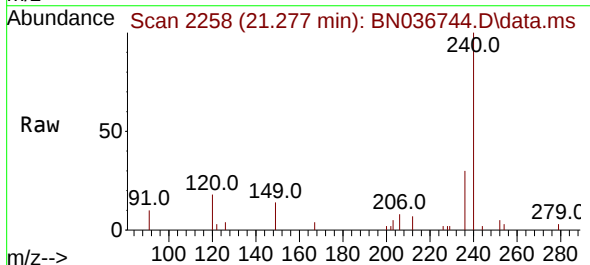
Instrument :
BNA_N
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Tgt Ion:212 Resp: 5822
Ion Ratio Lower Upper
212 100
106 15.2 11.8 17.6
104 8.6 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036744.D
Acq: 27 Mar 2025 19:15

Tgt Ion:240 Resp: 4662
Ion Ratio Lower Upper
240 100
120 18.1 14.6 22.0
236 30.1 24.1 36.1

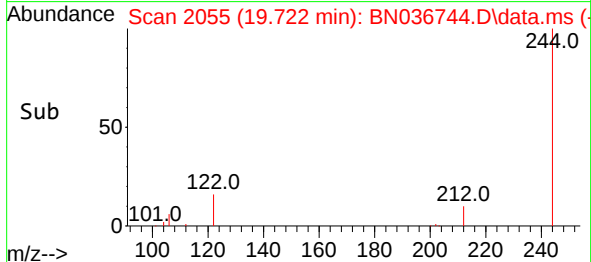
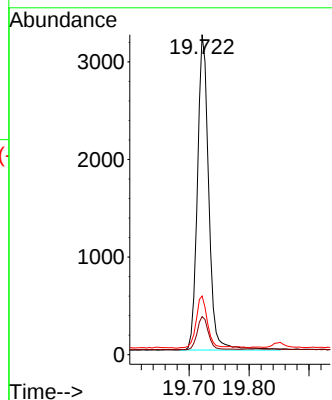
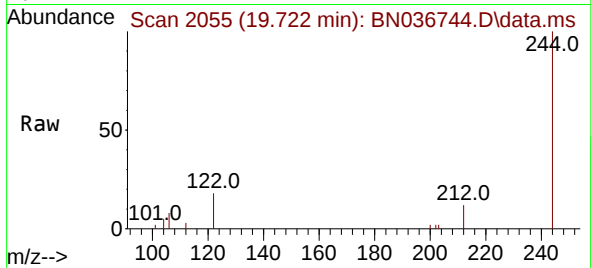




#31
 Terphenyl-d14
 Concen: 0.377 ng
 RT: 19.722 min Scan# 2060
 Delta R.T. -0.023 min
 Lab File: BN036744.D
 Acq: 27 Mar 2025 19:15

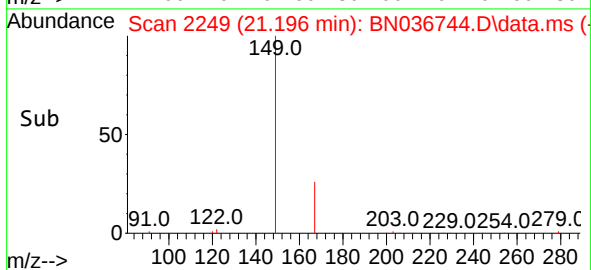
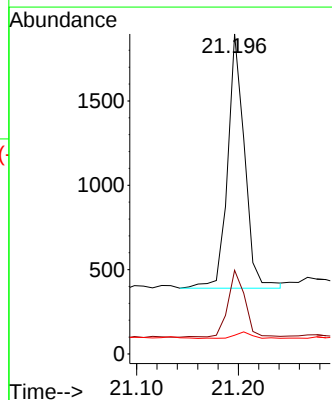
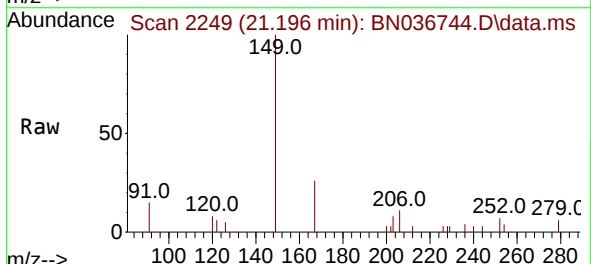
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 DUP08-20250318

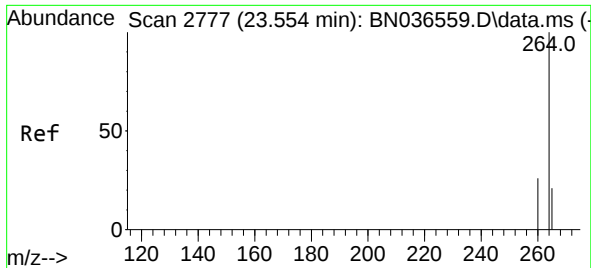
Tgt Ion:244 Resp: 4214
 Ion Ratio Lower Upper
 244 100
 212 11.9 9.6 14.4
 122 18.4 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.150 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.018 min
 Lab File: BN036744.D
 Acq: 27 Mar 2025 19:15

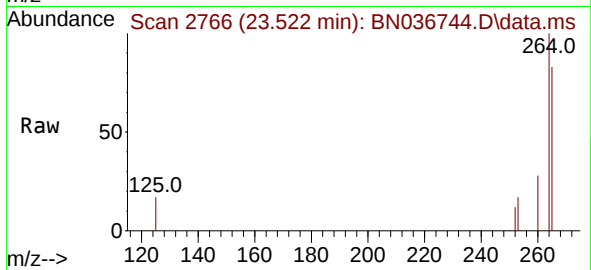
Tgt Ion:149 Resp: 1736
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.7 31.1
 279 2.4 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.522 min Scan# 21
 Delta R.T. -0.032 min
 Lab File: BN036744.D
 Acq: 27 Mar 2025 19:15

Instrument :
 BNA_N
 ClientSampleId :
 DUP08-20250318



Tgt Ion:264 Resp: 4214
 Ion Ratio Lower Upper
 264 100
 260 27.6 22.6 33.8
 265 83.4 88.1 132.1#

