

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
 Data File : BN036830.D
 Acq On : 03 Apr 2025 19:38
 Operator : RC/JU
 Sample : Q1711-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-55-040225

Quant Time: Apr 04 00:56:59 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)

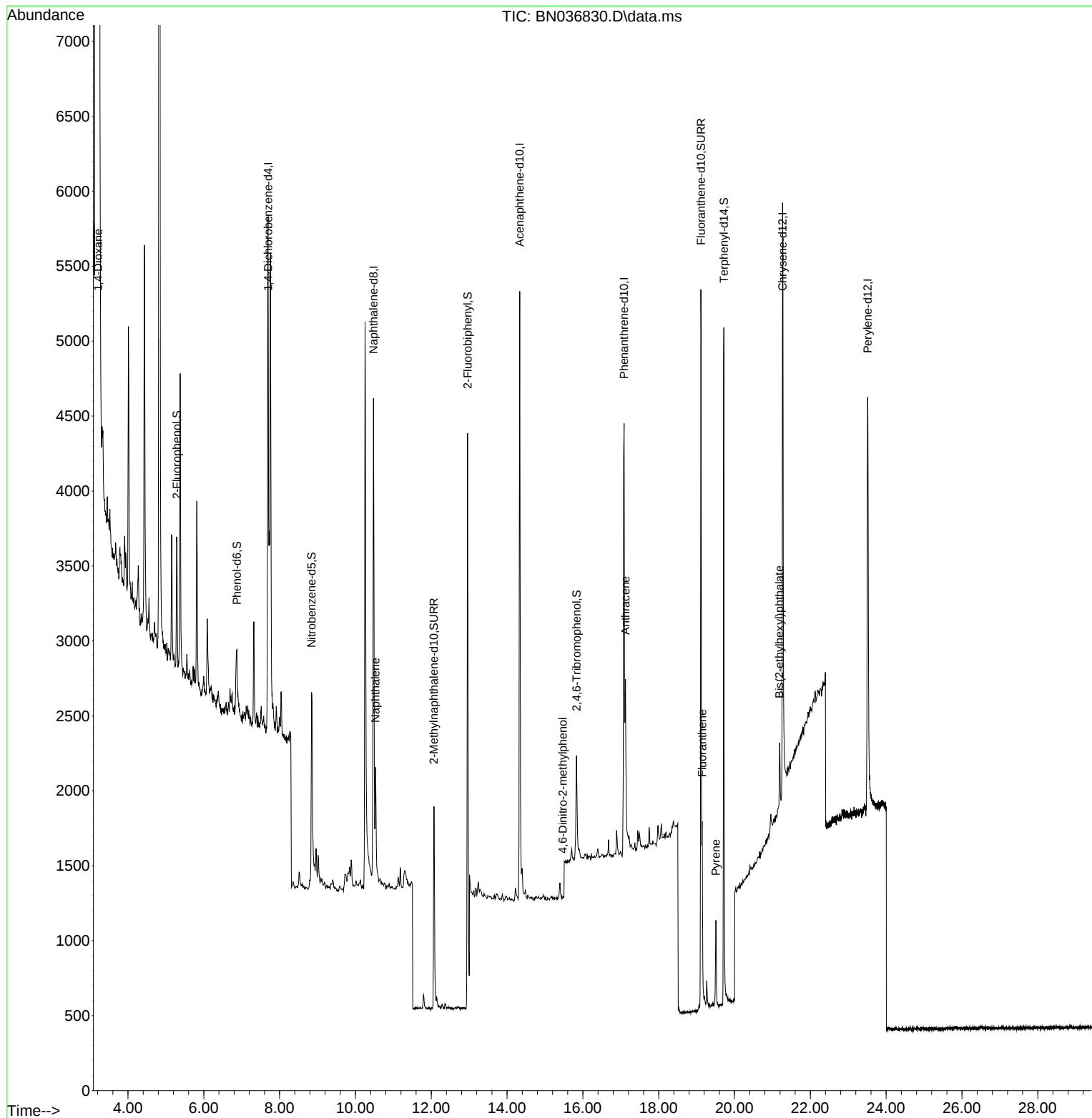
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1746	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	4471	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	2426	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	5244	0.400	ng	-0.02
29) Chrysene-d12	21.268	240	4582	0.400	ng	-0.03
35) Perylene-d12	23.513	264	4350	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	635	0.156	ng	-0.02
5) Phenol-d6	6.872	99	445	0.089	ng	-0.03
8) Nitrobenzene-d5	8.843	82	1494	0.307	ng	-0.03
11) 2-Methylnaphthalene-d10	12.070	152	2212	0.333	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	455	0.413	ng	-0.02
15) 2-Fluorobiphenyl	12.958	172	5541	0.393	ng	-0.03
27) Fluoranthene-d10	19.113	212	5667	0.422	ng	-0.03
31) Terphenyl-d14	19.717	244	4554	0.415	ng	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.218	88	3478	1.796	ng	# 93
9) Naphthalene	10.530	128	394	0.030	ng	# 64
20) 4,6-Dinitro-2-methylph...	15.467	198	3	0.148	ng	# 3
26) Anthracene	17.124	178	1150	0.081	ng	99
28) Fluoranthene	19.146	202	793	0.045	ng	# 84
30) Pyrene	19.508	202	577	0.026	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.187	149	502	0.044	ng	98

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

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Misc :
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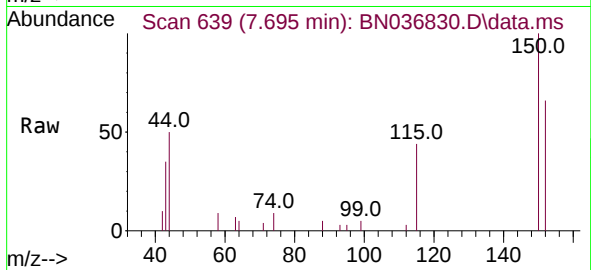
Quant Time: Apr 04 00:56:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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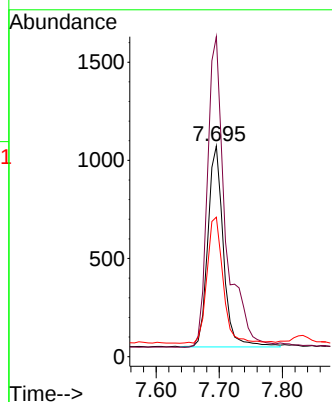
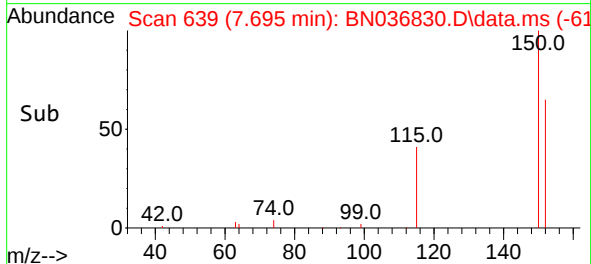


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036830.D
 Acq: 03 Apr 2025 19:38

Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-55-040225

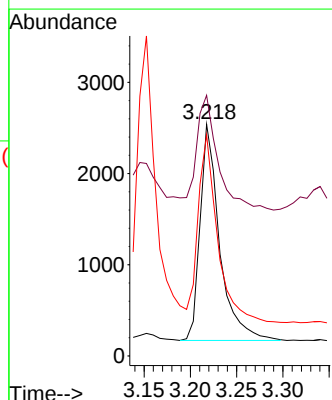
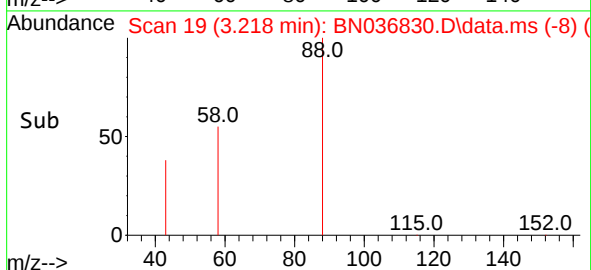
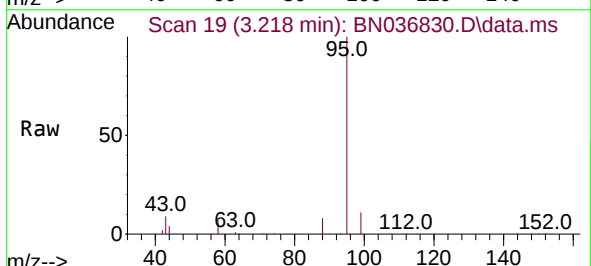


Tgt Ion:152 Resp: 1746
 Ion Ratio Lower Upper
 152 100
 150 151.9 123.7 185.5
 115 66.3 54.3 81.5



#2
 1,4-Dioxane
 Concen: 1.796 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.021 min
 Lab File: BN036830.D
 Acq: 03 Apr 2025 19:38

Tgt Ion: 88 Resp: 3478
 Ion Ratio Lower Upper
 88 100
 43 58.3 37.8 56.8#
 58 86.3 67.4 101.2





#4

2-Fluorophenol

Concen: 0.156 ng

RT: 5.290 min Scan# 309

Delta R.T. -0.022 min

Lab File: BN036830.D

Acq: 03 Apr 2025 19:38

Instrument :

BNA_N

ClientSampleId :

MW-17B-55-040225

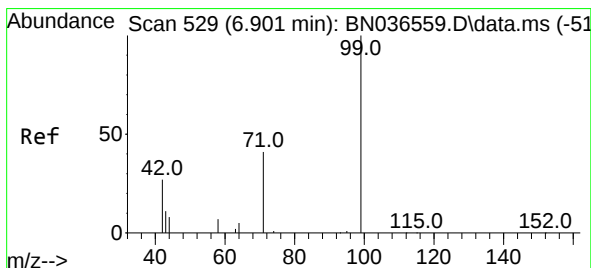
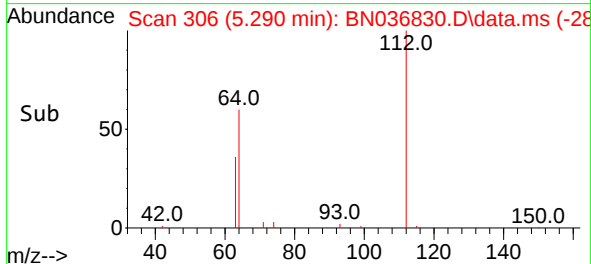
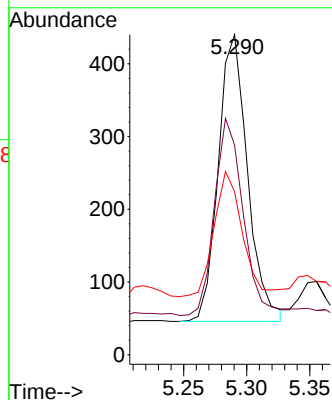
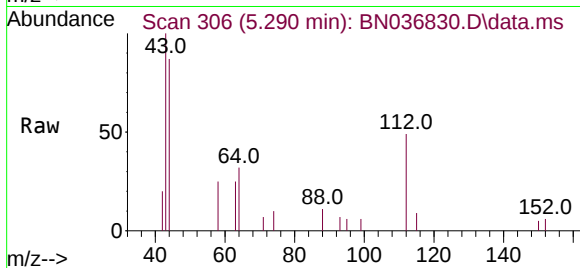
Tgt Ion:112 Resp: 635

Ion Ratio Lower Upper

112 100

64 71.5 53.1 79.7

63 42.0 31.8 47.8



#5

Phenol-d6

Concen: 0.089 ng

RT: 6.872 min Scan# 525

Delta R.T. -0.029 min

Lab File: BN036830.D

Acq: 03 Apr 2025 19:38

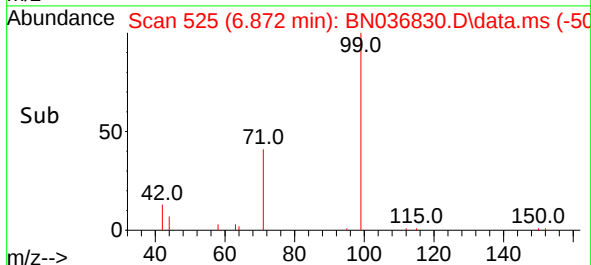
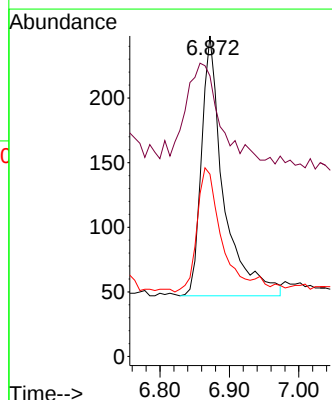
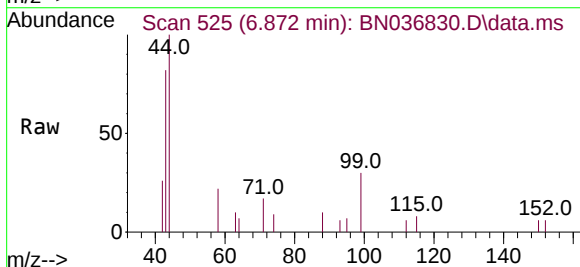
Tgt Ion: 99 Resp: 445

Ion Ratio Lower Upper

99 100

42 56.0 26.5 39.7#

71 51.2 34.1 51.1#

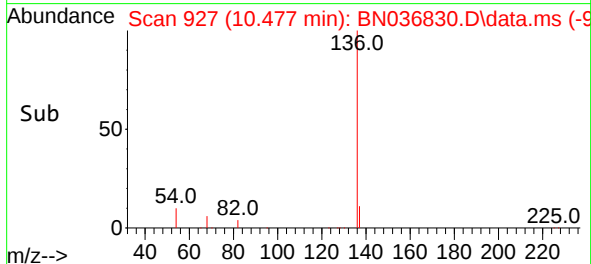
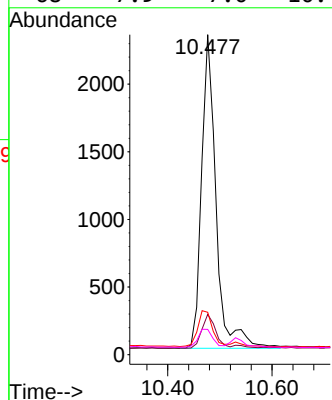
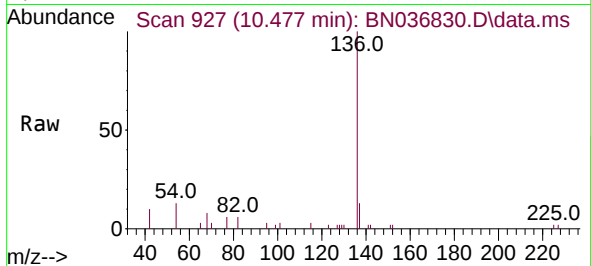




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 91
Delta R.T. -0.032 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

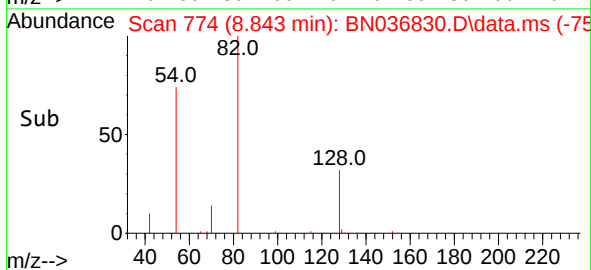
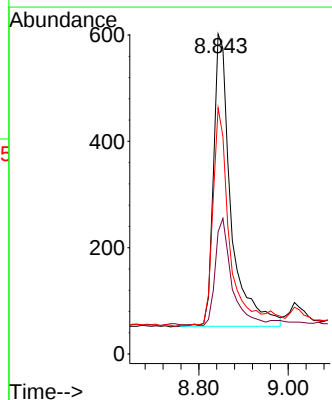
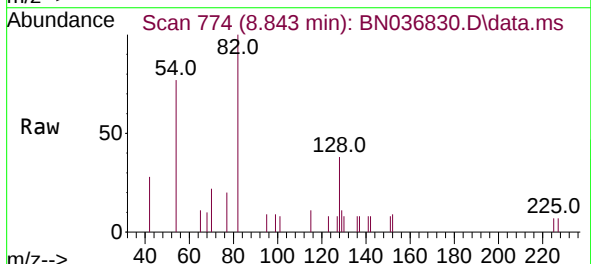
Instrument :
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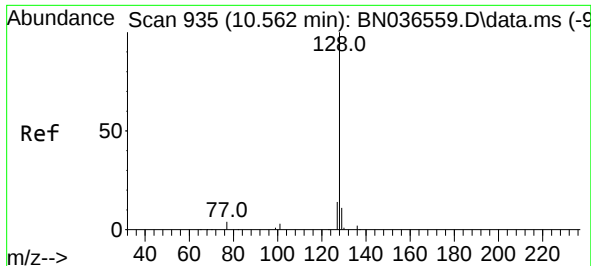
Tgt Ion:	136	Resp:	4471
Ion	Ratio	Lower	Upper
136	100		
137	12.6	10.3	15.5
54	13.2	11.5	17.3
68	7.9	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 8.843 min Scan# 774
Delta R.T. -0.032 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

Tgt Ion:	82	Resp:	1494
Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.6	45.8
54	76.9	52.2	78.4

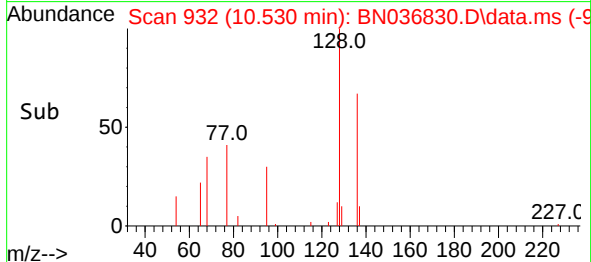
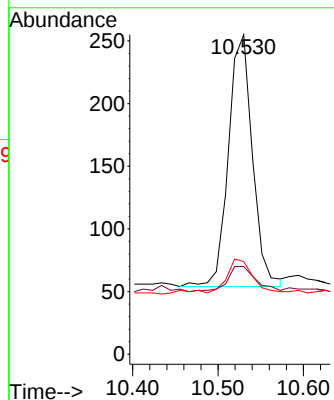
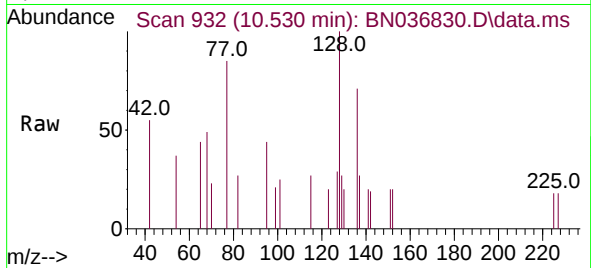




#9
Naphthalene
Concen: 0.030 ng
RT: 10.530 min Scan# 91
Delta R.T. -0.032 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

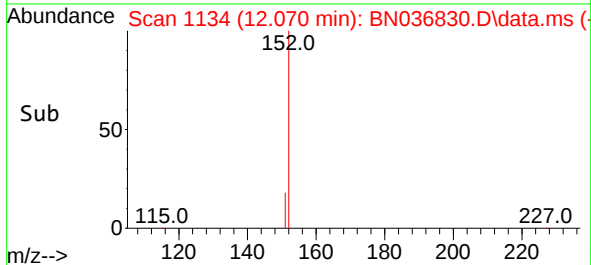
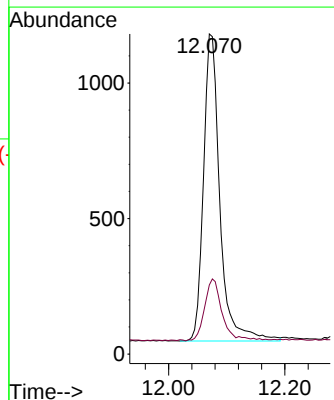
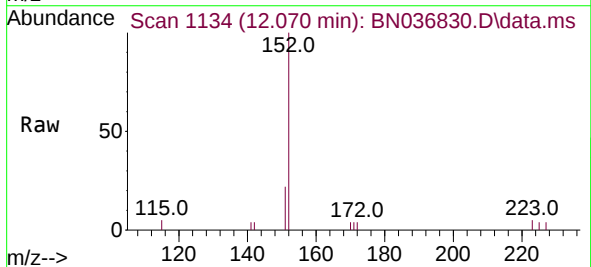
Instrument :
BNA_N
ClientSampleId :
MW-17B-55-040225

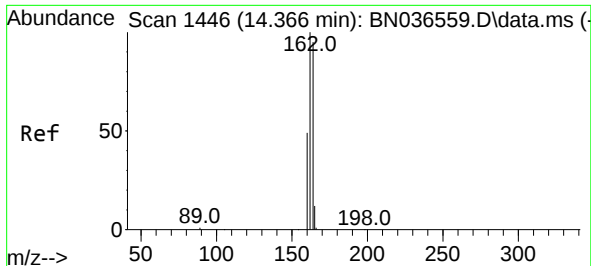
Tgt Ion:128 Resp: 394
Ion Ratio Lower Upper
128 100
129 27.5 9.8 14.6#
127 29.0 11.8 17.8#



#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.070 min Scan# 1134
Delta R.T. -0.041 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

Tgt Ion:152 Resp: 2212
Ion Ratio Lower Upper
152 100
151 21.7 17.0 25.6

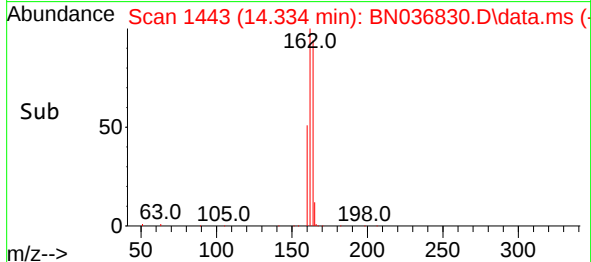
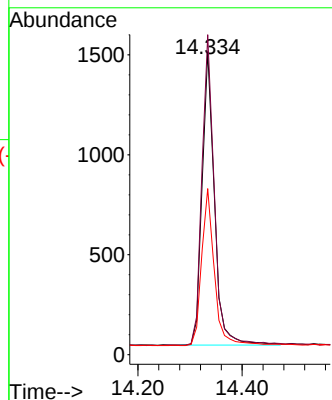
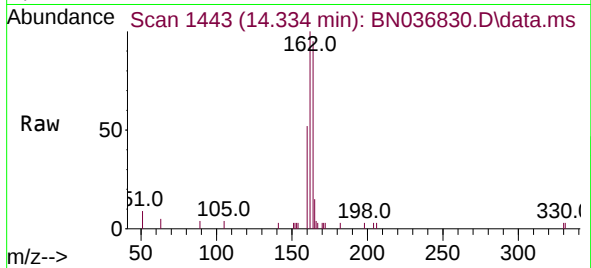




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1446
Delta R.T. -0.032 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

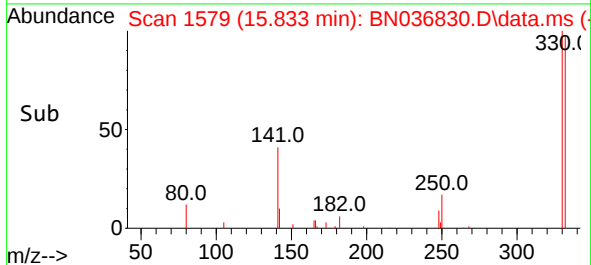
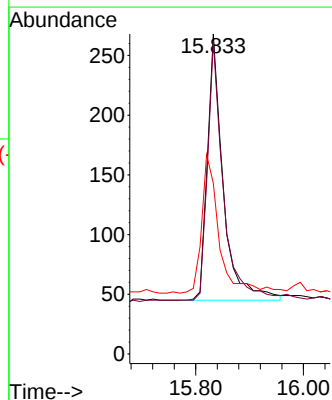
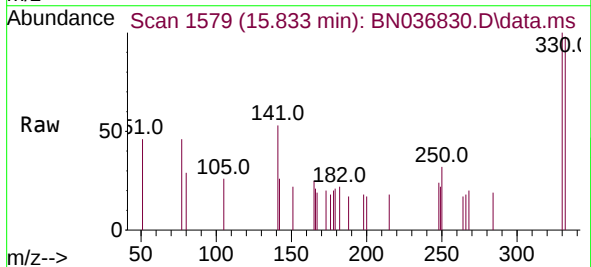
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BNA_N
ClientSampleId :
MW-17B-55-040225

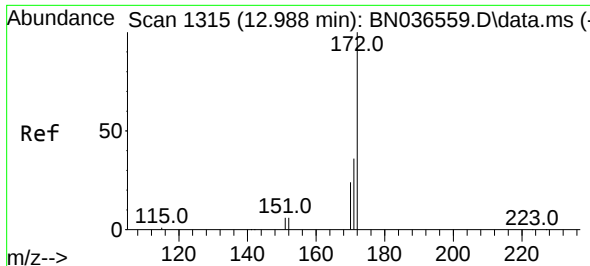
Tgt Ion:164 Resp: 2426
Ion Ratio Lower Upper
164 100
162 105.7 84.2 126.2
160 54.9 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.413 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.025 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

Tgt Ion:330 Resp: 455
Ion Ratio Lower Upper
330 100
332 96.7 75.2 112.8
141 57.6 43.4 65.2

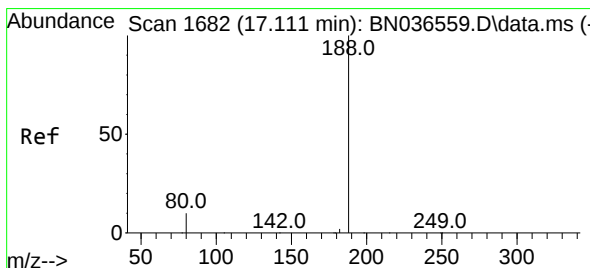
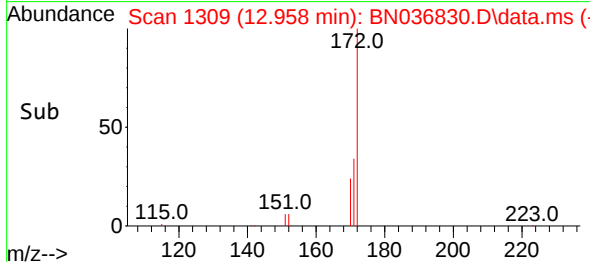
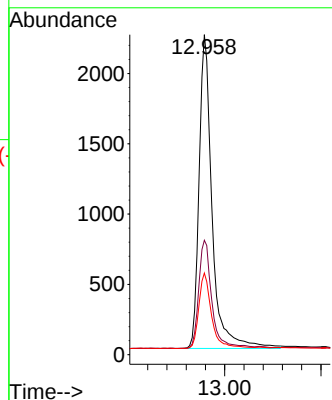
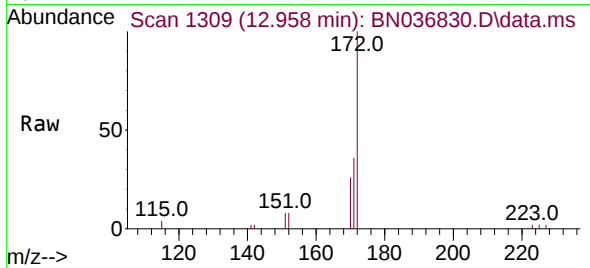




#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 12.958 min Scan# 11
Delta R.T. -0.030 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

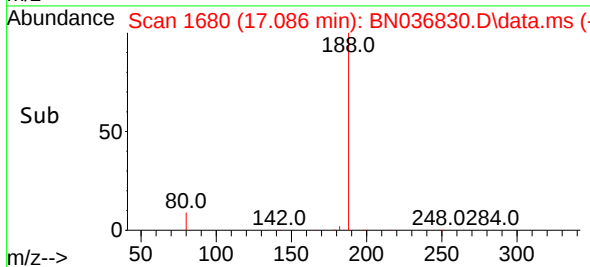
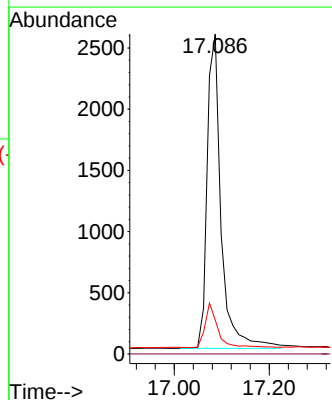
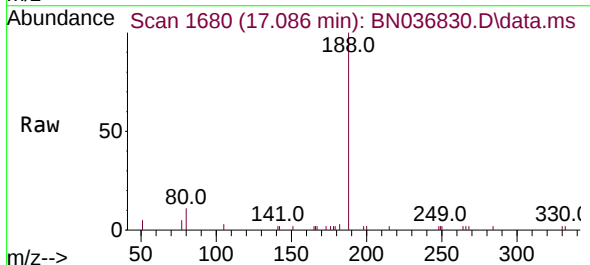
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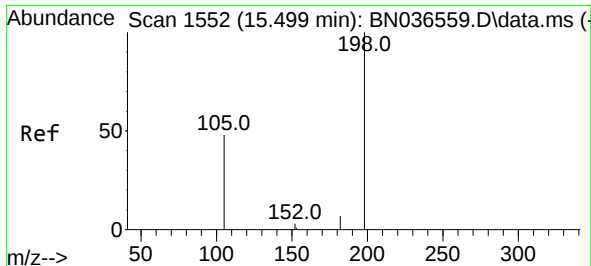
Tgt Ion:172 Resp: 5541
Ion Ratio Lower Upper
172 100
171 35.8 29.5 44.3
170 25.5 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

Tgt Ion:188 Resp: 5244
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 8.8 13.2

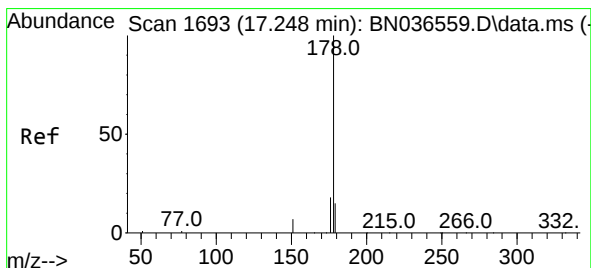
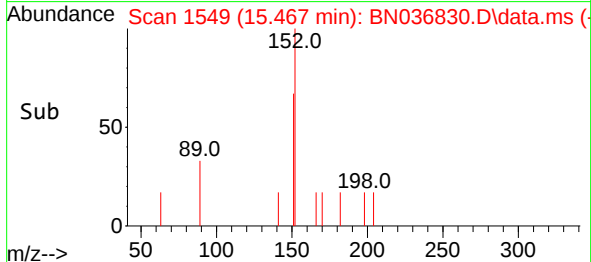
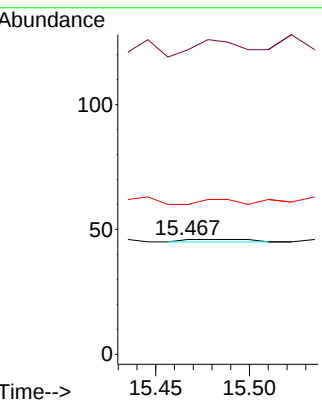
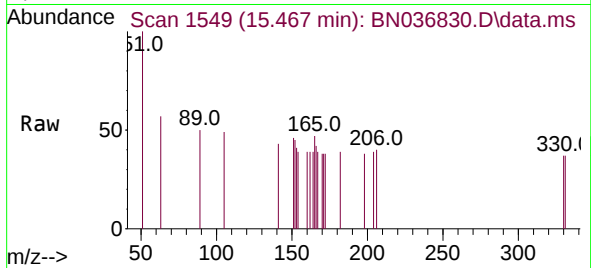




#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.467 min Scan# 1549
Delta R.T. -0.032 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

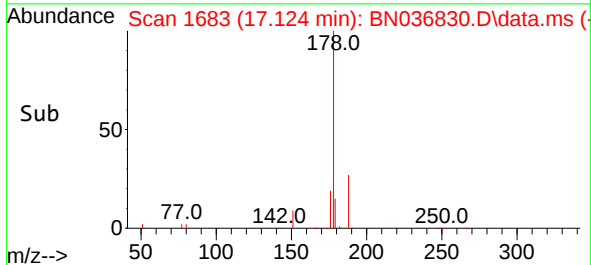
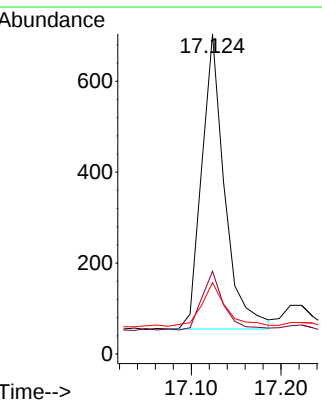
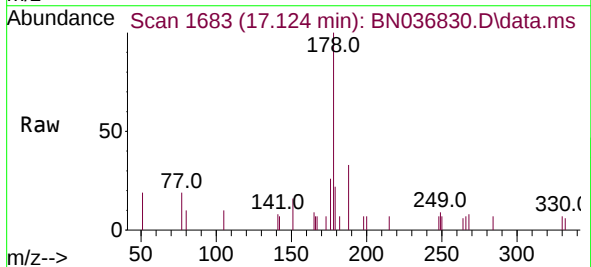
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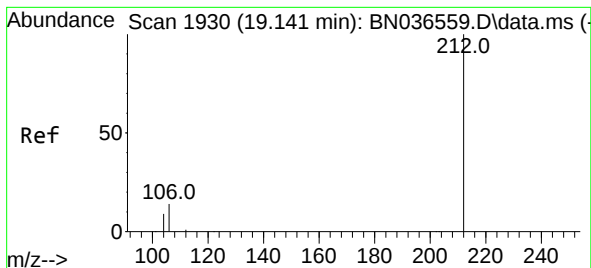
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 265.2 107.9 161.9#
105 130.4 56.2 84.2#



#26
Anthracene
Concen: 0.081 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.124 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

Tgt Ion:178 Resp: 1150
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 14.9 12.6 18.8





#27

Fluoranthene-d10

Concen: 0.422 ng

RT: 19.113 min Scan# 1911

Delta R.T. -0.028 min

Lab File: BN036830.D

Acq: 03 Apr 2025 19:38

Instrument :

BNA_N

ClientSampleId :

MW-17B-55-040225

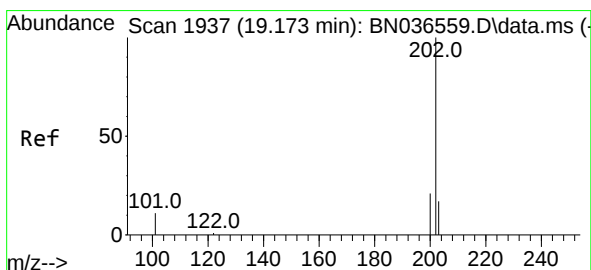
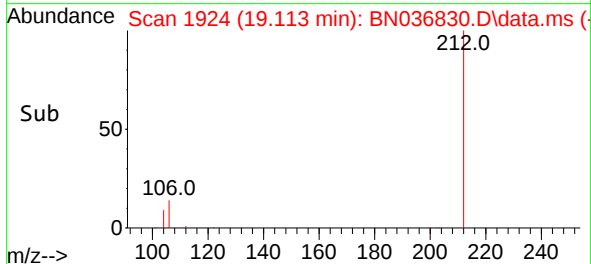
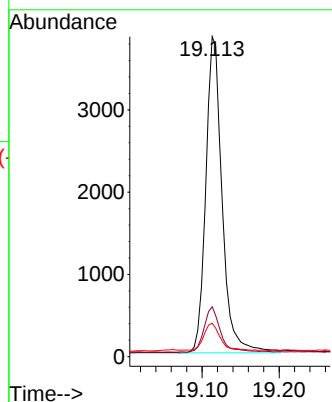
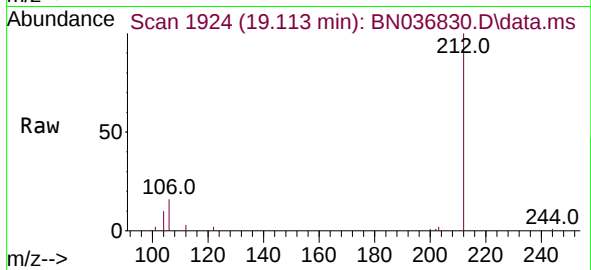
Tgt Ion:212 Resp: 5667

Ion Ratio Lower Upper

212 100

106 14.3 11.8 17.6

104 8.9 7.3 10.9



#28

Fluoranthene

Concen: 0.045 ng

RT: 19.146 min Scan# 1931

Delta R.T. -0.028 min

Lab File: BN036830.D

Acq: 03 Apr 2025 19:38

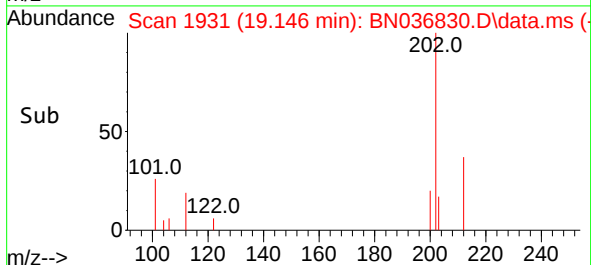
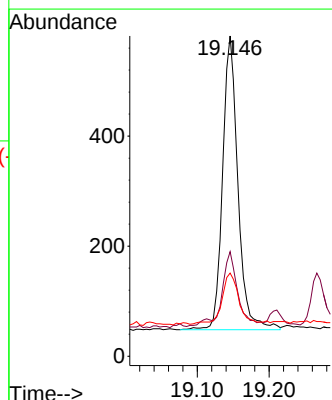
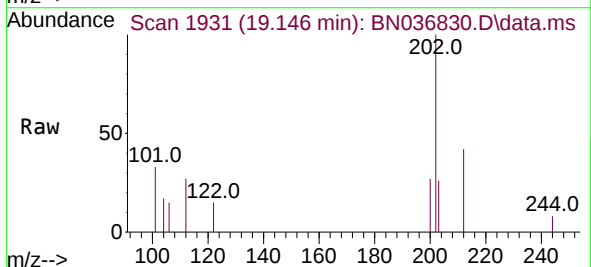
Tgt Ion:202 Resp: 793

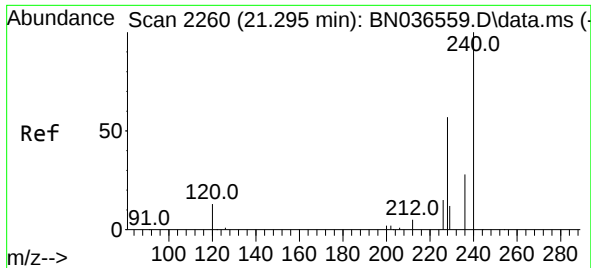
Ion Ratio Lower Upper

202 100

101 23.8 9.4 14.0#

203 19.0 13.5 20.3

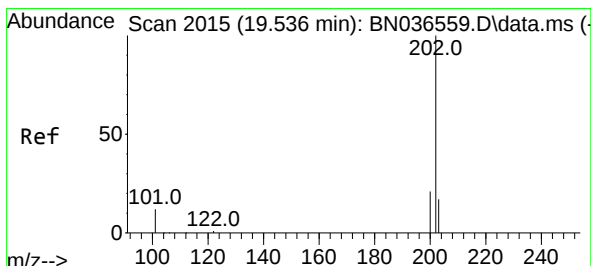
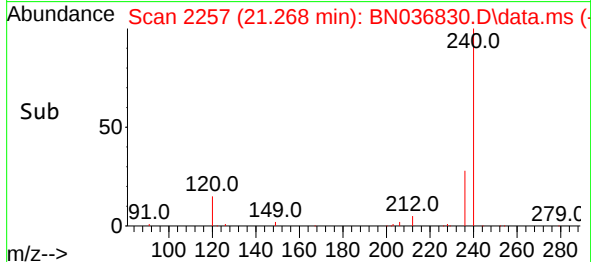
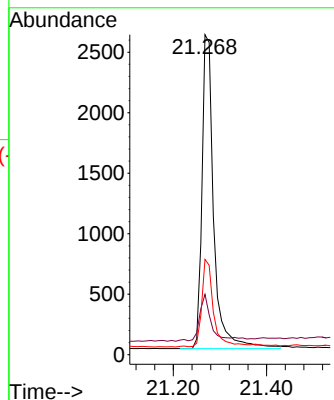
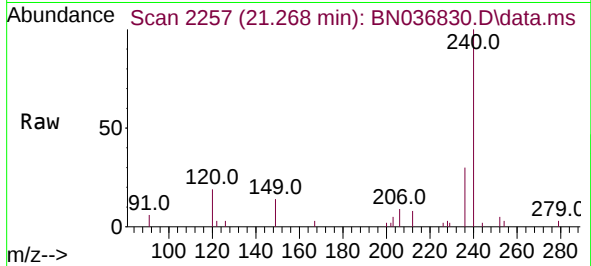




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 21
Delta R.T. -0.027 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

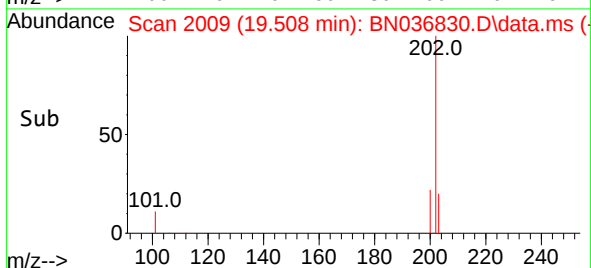
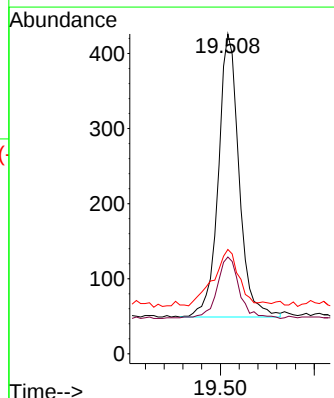
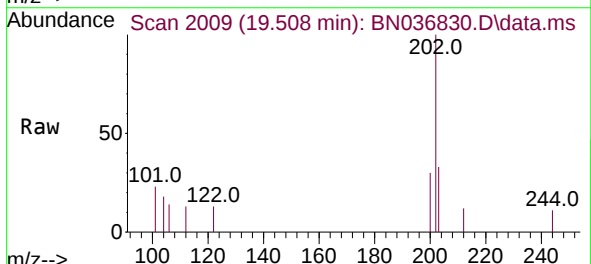
Instrument :
BNA_N
ClientSampleId :
MW-17B-55-040225

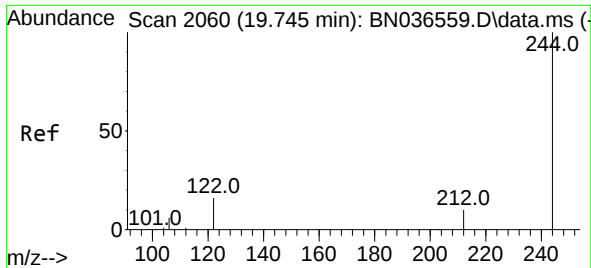
Tgt Ion:240 Resp: 4582
Ion Ratio Lower Upper
240 100
120 18.9 14.6 22.0
236 29.8 24.1 36.1



#30
Pyrene
Concen: 0.026 ng
RT: 19.508 min Scan# 2009
Delta R.T. -0.028 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

Tgt Ion:202 Resp: 577
Ion Ratio Lower Upper
202 100
200 23.7 17.1 25.7
203 24.1 14.1 21.1#

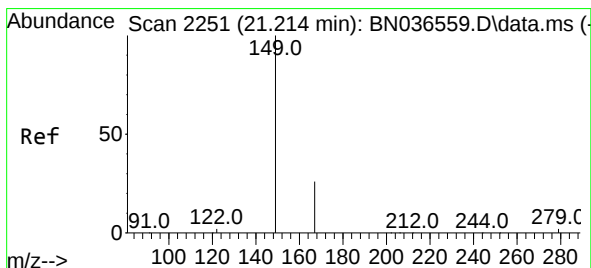
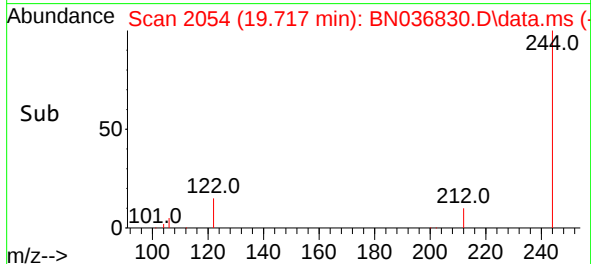
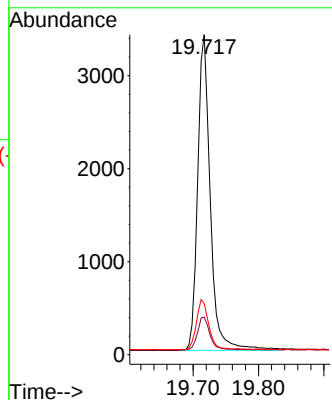
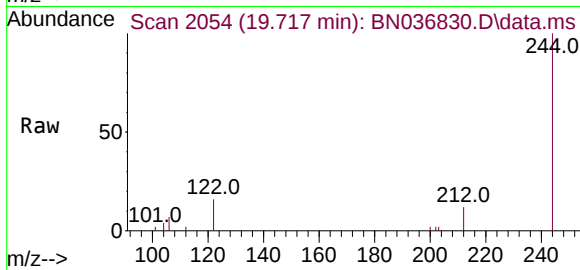




#31
 Terphenyl-d14
 Concen: 0.415 ng
 RT: 19.717 min Scan# 2060
 Delta R.T. -0.028 min
 Lab File: BN036830.D
 Acq: 03 Apr 2025 19:38

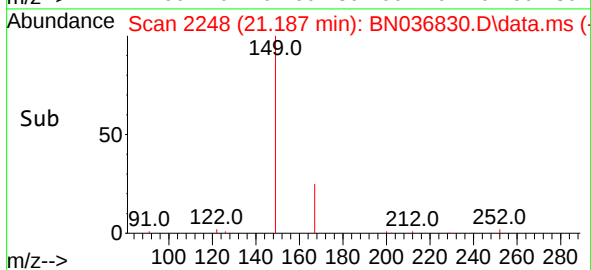
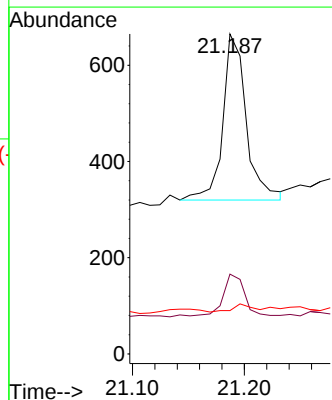
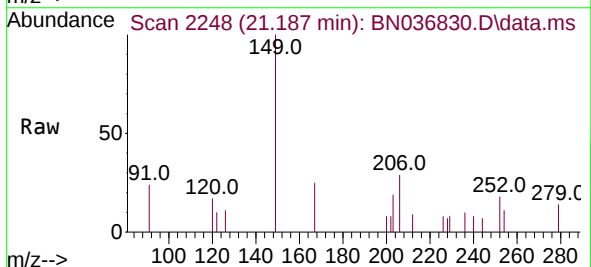
Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-55-040225

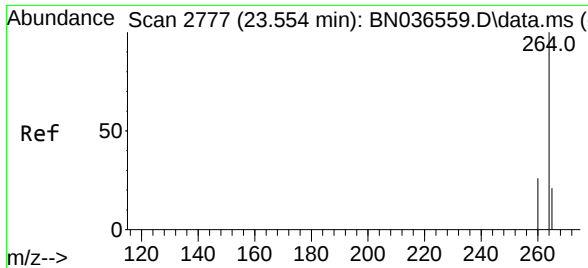
Tgt Ion:244 Resp: 4554
 Ion Ratio Lower Upper
 244 100
 212 11.7 9.6 14.4
 122 16.0 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.044 ng
 RT: 21.187 min Scan# 2248
 Delta R.T. -0.027 min
 Lab File: BN036830.D
 Acq: 03 Apr 2025 19:38

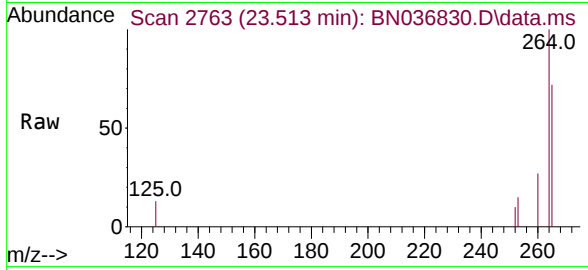
Tgt Ion:149 Resp: 502
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.7 31.1
 279 4.0 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.513 min Scan# 21
Delta R.T. -0.041 min
Lab File: BN036830.D
Acq: 03 Apr 2025 19:38

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-040225



Tgt Ion:264 Resp: 4350
Ion Ratio Lower Upper
264 100
260 26.9 22.6 33.8
265 72.3 88.1 132.1#

