

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
 Data File : BN036831.D
 Acq On : 03 Apr 2025 20:14
 Operator : RC/JU
 Sample : Q1711-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-05B-89-040225

Quant Time: Apr 04 00:57:12 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)

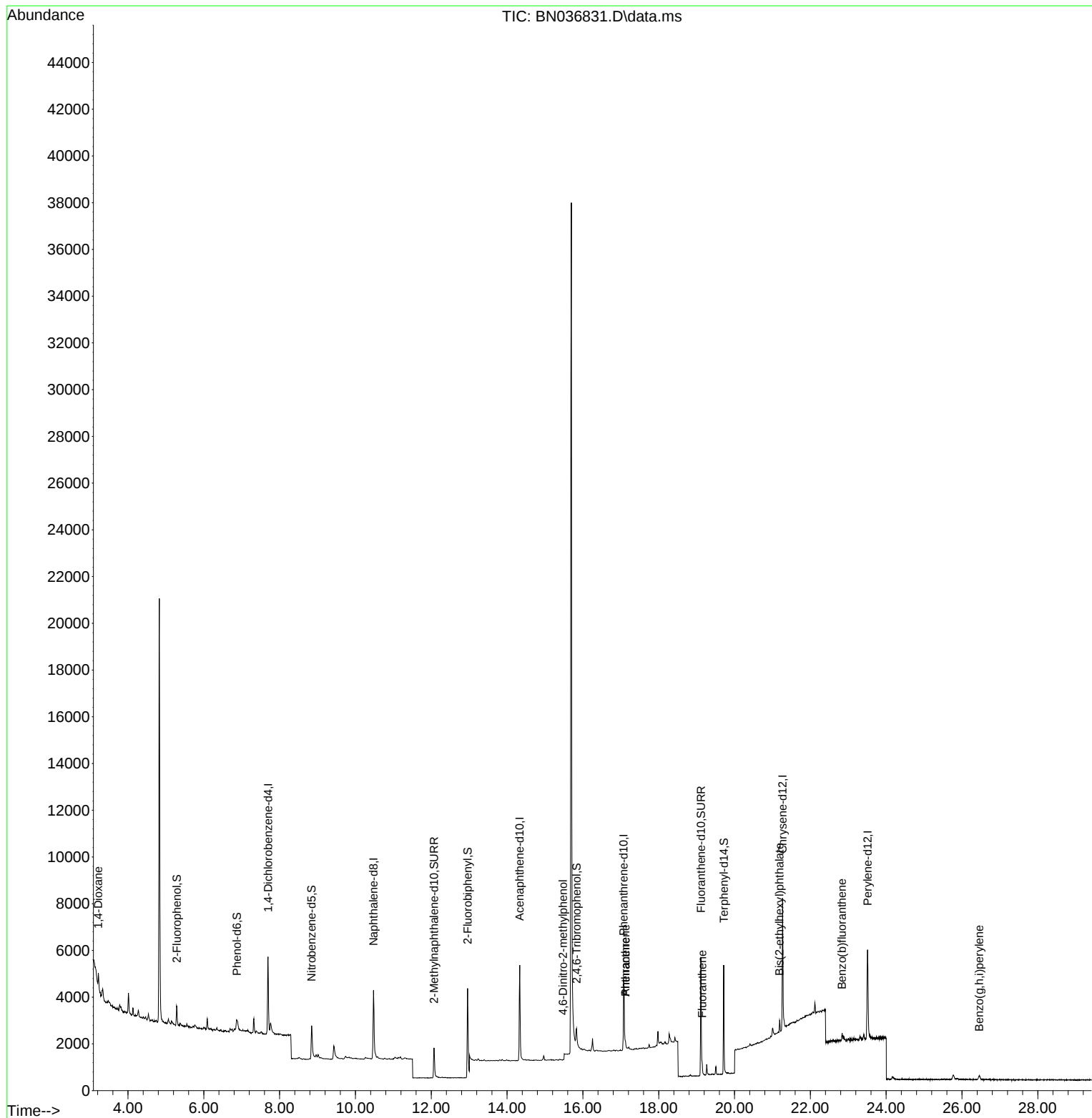
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1717	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	4308	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	2458	0.400	ng	-0.03
19) Phenanthrene-d10	17.074	188	5130	0.400	ng	#-0.04
29) Chrysene-d12	21.268	240	5002	0.400	ng	-0.03
35) Perylene-d12	23.510	264	5306	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	606	0.151	ng	-0.02
5) Phenol-d6	6.872	99	433	0.088	ng	-0.03
8) Nitrobenzene-d5	8.843	82	1576	0.336	ng	-0.03
11) 2-Methylnaphthalene-d10	12.075	152	2204	0.344	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	476	0.427	ng	-0.02
15) 2-Fluorobiphenyl	12.958	172	5689	0.398	ng	-0.03
27) Fluoranthene-d10	19.113	212	5713	0.435	ng	-0.03
31) Terphenyl-d14	19.717	244	4603	0.384	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	379	0.199	ng	# 30
20) 4,6-Dinitro-2-methylph...	15.478	198	6	0.150	ng	# 1
25) Phenanthrene	17.124	178	332	0.022	ng	96
26) Anthracene	17.124	178	332	0.024	ng	96
28) Fluoranthene	19.146	202	406	0.023	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.187	149	594	0.048	ng	100
37) Benzo(b)fluoranthene	22.835	252	405	0.021	ng	# 1
41) Benzo(g,h,i)perylene	26.457	276	378	0.022	ng	# 49

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

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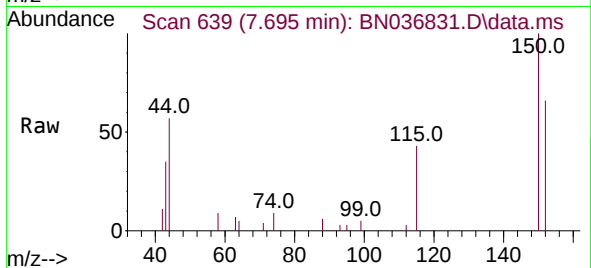
Quant Time: Apr 04 00:57:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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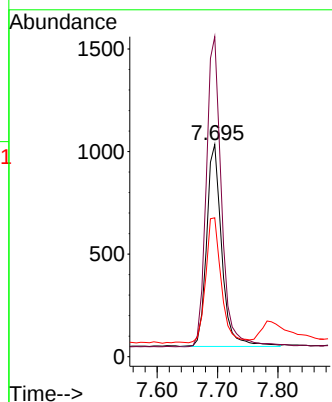
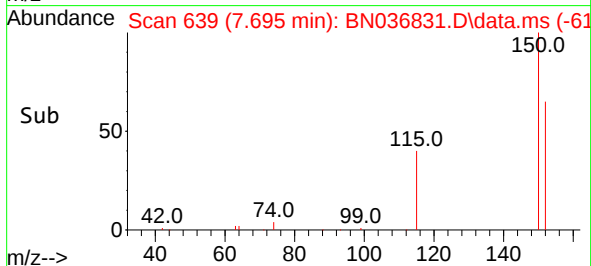


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036831.D
 Acq: 03 Apr 2025 20:14

Instrument :
 BNA_N
 ClientSampleId :
 RMW-05B-89-040225

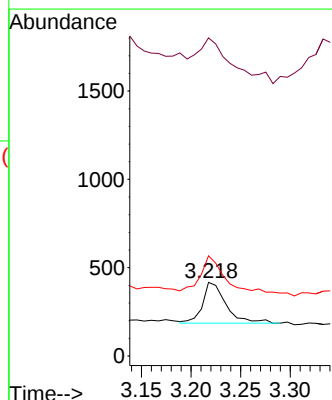
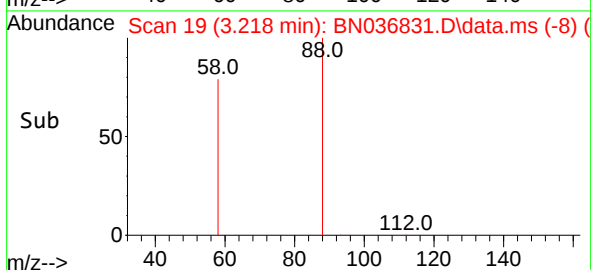
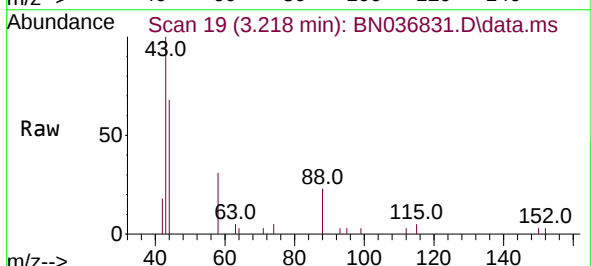


Tgt Ion:152 Resp: 1717
 Ion Ratio Lower Upper
 152 100
 150 150.9 123.7 185.5
 115 65.5 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.199 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.021 min
 Lab File: BN036831.D
 Acq: 03 Apr 2025 20:14

Tgt Ion: 88 Resp: 379
 Ion Ratio Lower Upper
 88 100
 43 164.9 37.8 56.8#
 58 94.2 67.4 101.2

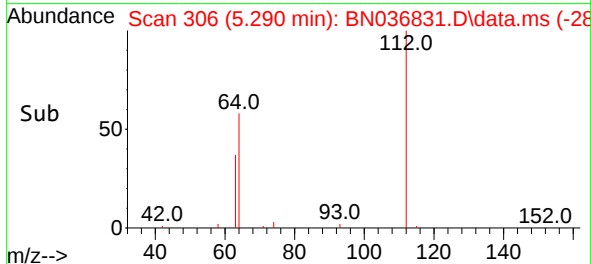
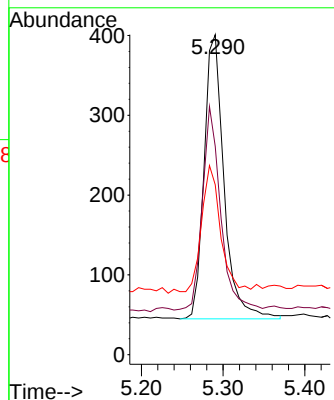
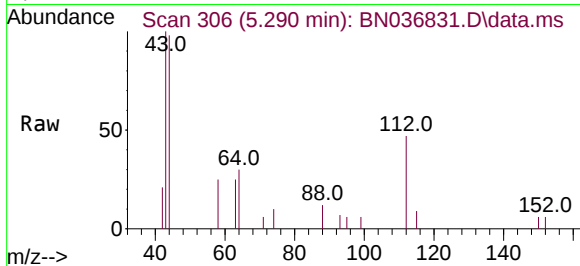




#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036831.D
Acq: 03 Apr 2025 20:14

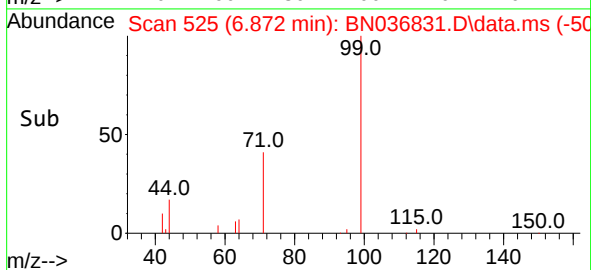
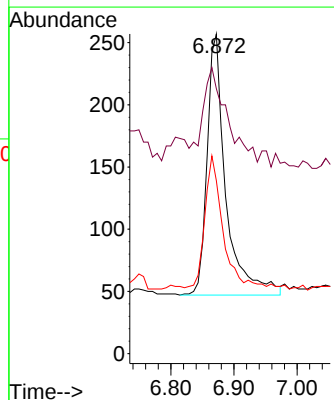
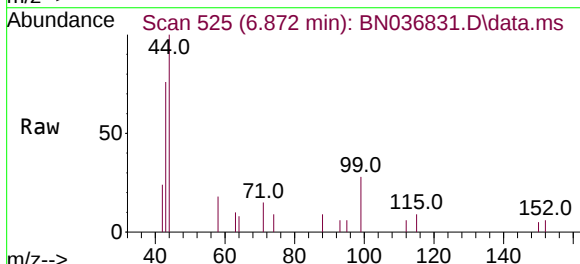
Instrument :
BNA_N
ClientSampleId :
RMW-05B-89-040225

Tgt Ion:112 Resp: 606
Ion Ratio Lower Upper
112 100
64 65.2 53.1 79.7
63 41.7 31.8 47.8



#5
Phenol-d6
Concen: 0.088 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036831.D
Acq: 03 Apr 2025 20:14

Tgt Ion: 99 Resp: 433
Ion Ratio Lower Upper
99 100
42 45.7 26.5 39.7#
71 50.3 34.1 51.1

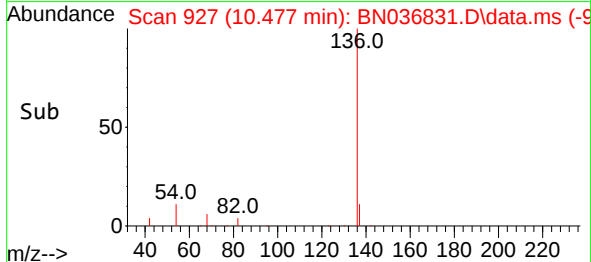
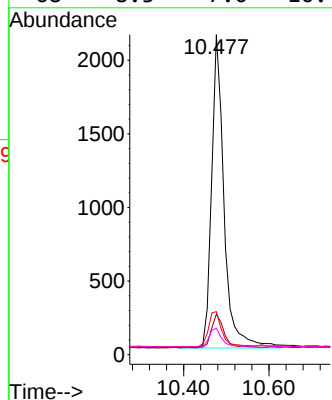
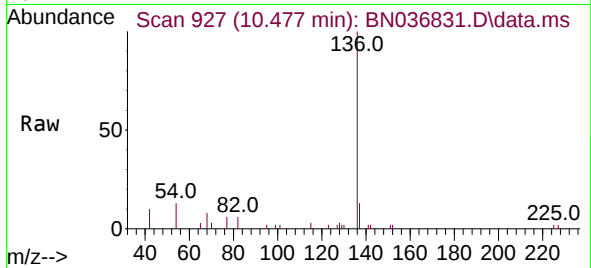




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 91
Delta R.T. -0.032 min
Lab File: BN036831.D
Acq: 03 Apr 2025 20:14

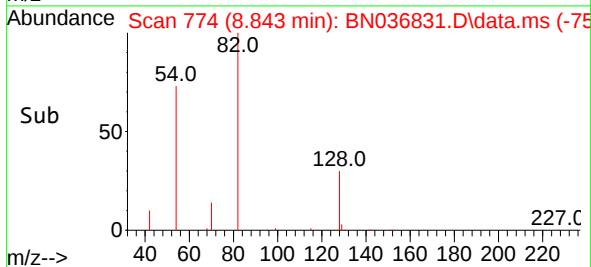
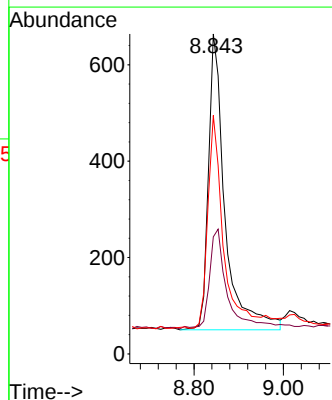
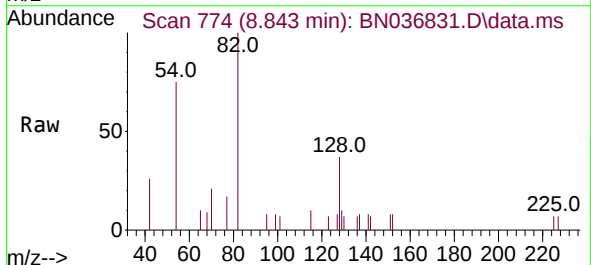
Instrument :
BNA_N
ClientSampleId :
RMW-05B-89-040225

Tgt Ion:	136	Resp:	4308
Ion	Ratio	Lower	Upper
136	100		
137	12.6	10.3	15.5
54	13.5	11.5	17.3
68	8.3	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.843 min Scan# 774
Delta R.T. -0.032 min
Lab File: BN036831.D
Acq: 03 Apr 2025 20:14

Tgt Ion:	82	Resp:	1576
Ion	Ratio	Lower	Upper
82	100		
128	36.6	30.6	45.8
54	74.5	52.2	78.4

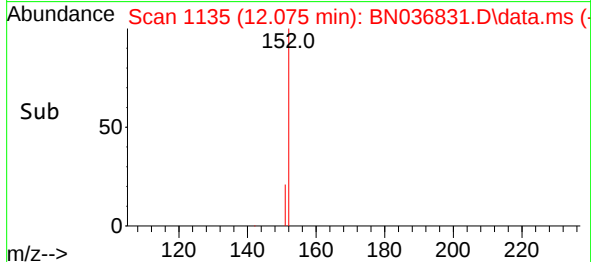
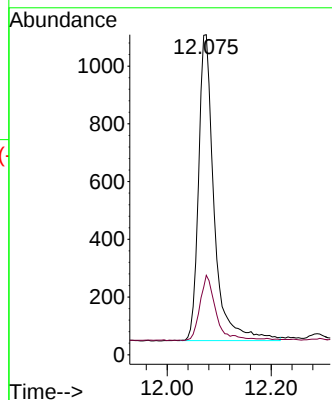
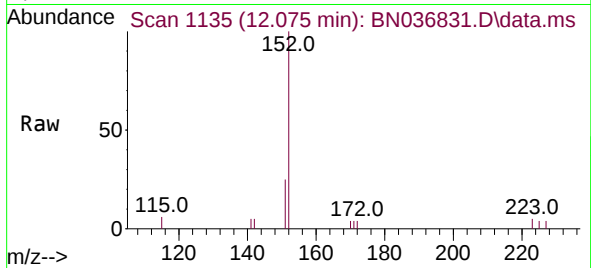




#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 12.075 min Scan# 1142
Delta R.T. -0.035 min
Lab File: BN036831.D
Acq: 03 Apr 2025 20:14

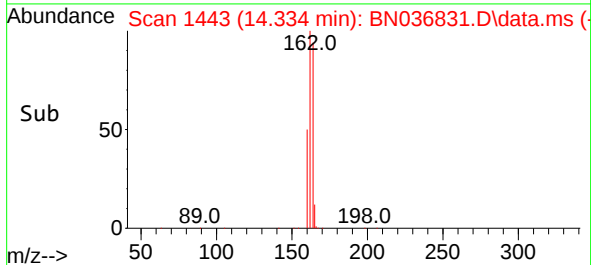
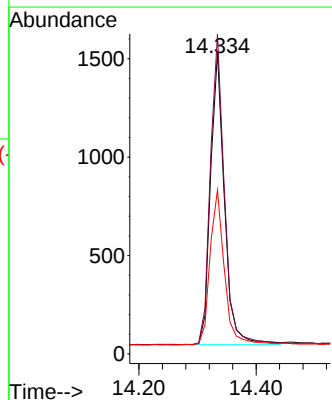
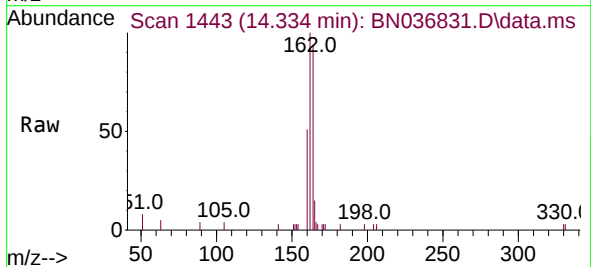
Instrument :
BNA_N
ClientSampleId :
RMW-05B-89-040225

Tgt Ion:152 Resp: 2204
Ion Ratio Lower Upper
152 100
151 22.0 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: BN036831.D
Acq: 03 Apr 2025 20:14

Tgt Ion:164 Resp: 2458
Ion Ratio Lower Upper
164 100
162 106.0 84.2 126.2
160 54.3 42.2 63.2

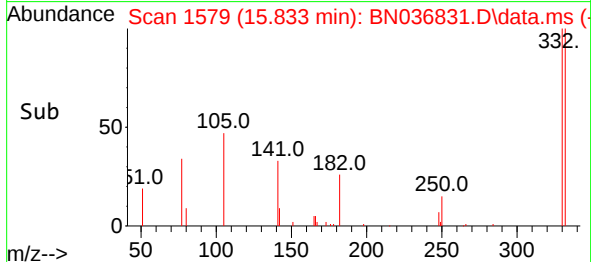
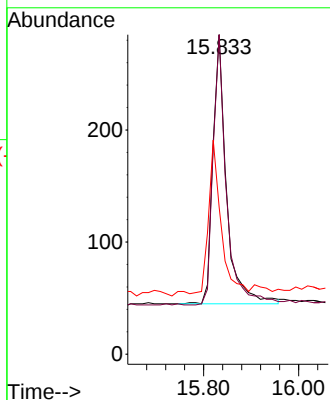
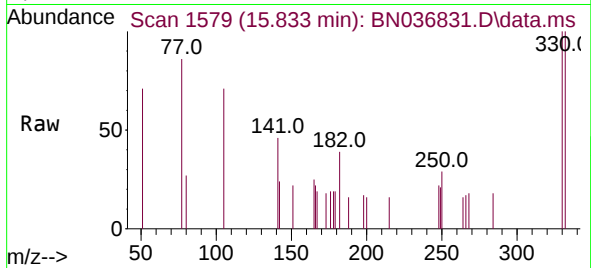




#14
2,4,6-Tribromophenol
Concen: 0.427 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036831.D
Acq: 03 Apr 2025 20:14

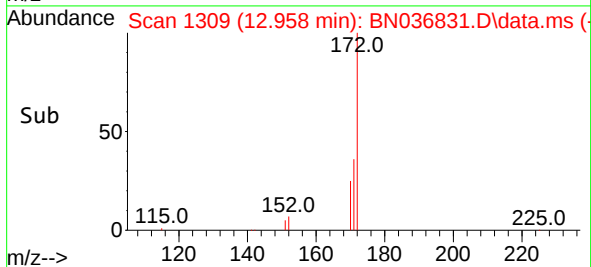
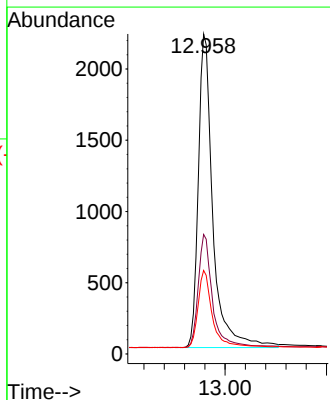
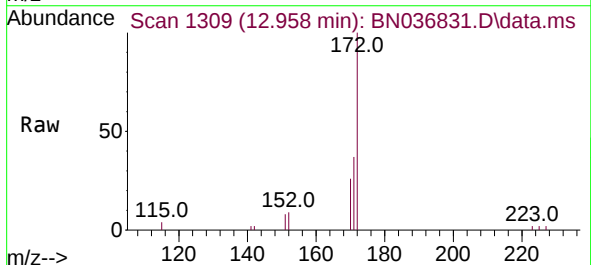
Instrument :
BNA_N
ClientSampleId :
RMW-05B-89-040225

Tgt Ion:330 Resp: 476
Ion Ratio Lower Upper
330 100
332 98.9 75.2 112.8
141 51.9 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 12.958 min Scan# 1309
Delta R.T. -0.030 min
Lab File: BN036831.D
Acq: 03 Apr 2025 20:14

Tgt Ion:172 Resp: 5689
Ion Ratio Lower Upper
172 100
171 37.4 29.5 44.3
170 26.1 20.2 30.4

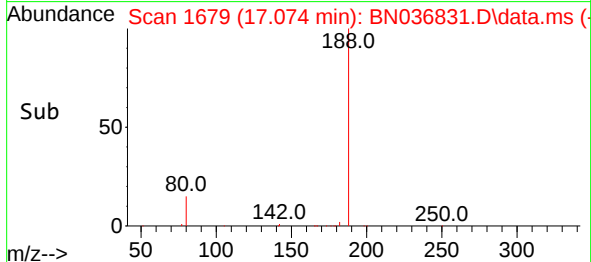
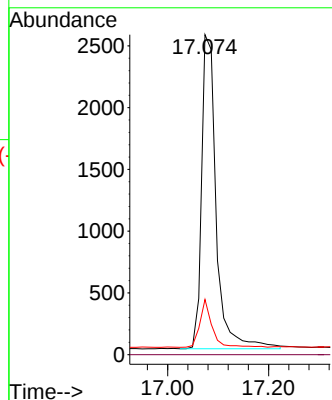
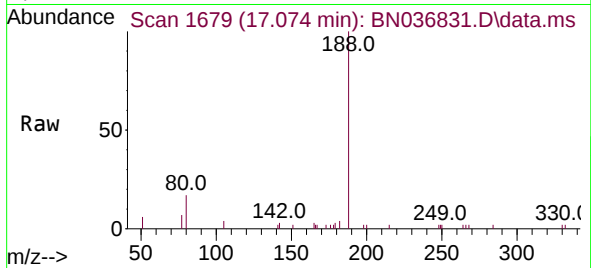




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.074 min Scan# 1
Delta R.T. -0.037 min
Lab File: BN036831.D
Acq: 03 Apr 2025 20:14

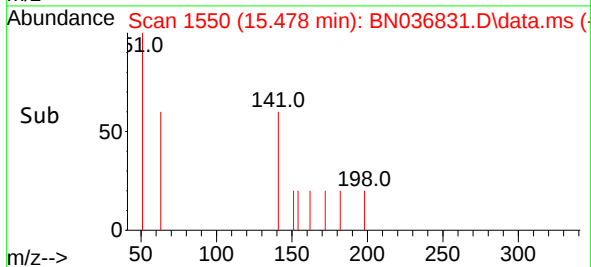
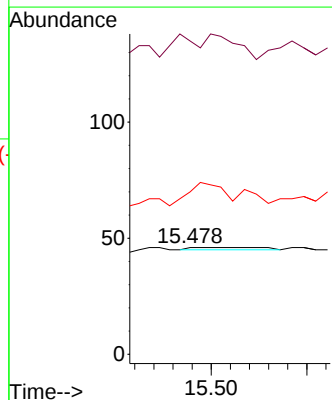
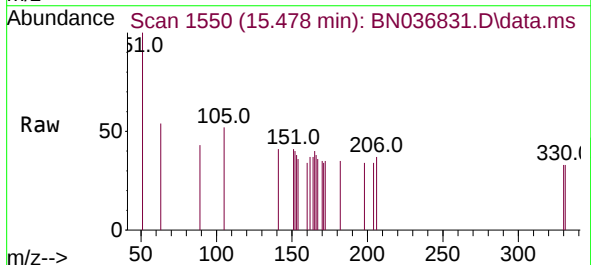
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RMW-05B-89-040225

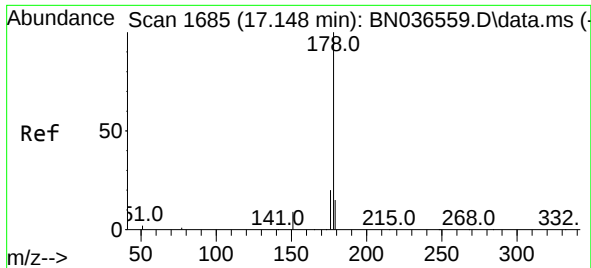
Tgt Ion:188 Resp: 5130
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.3 8.8 13.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.150 ng
RT: 15.478 min Scan# 1550
Delta R.T. -0.021 min
Lab File: BN036831.D
Acq: 03 Apr 2025 20:14

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 293.5 107.9 161.9#
105 152.2 56.2 84.2#

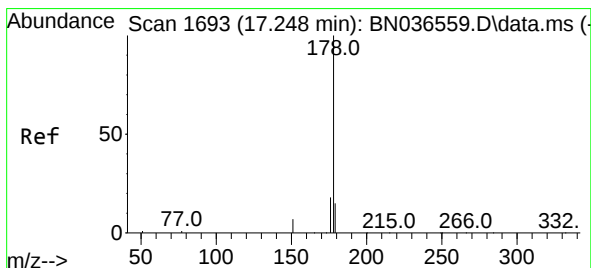
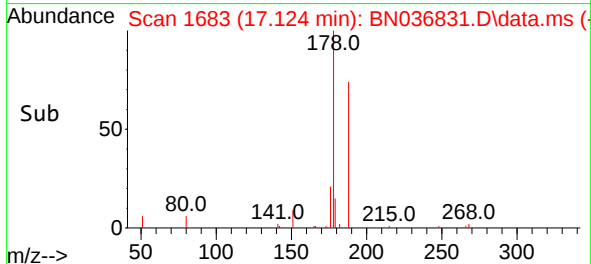
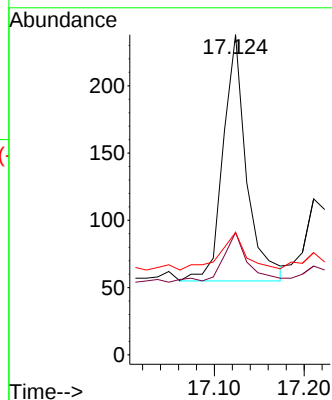
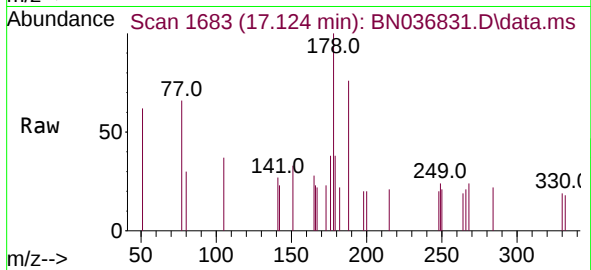




#25
Phenanthrene
Concen: 0.022 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.025 min
Lab File: BN036831.D
Acq: 03 Apr 2025 20:14

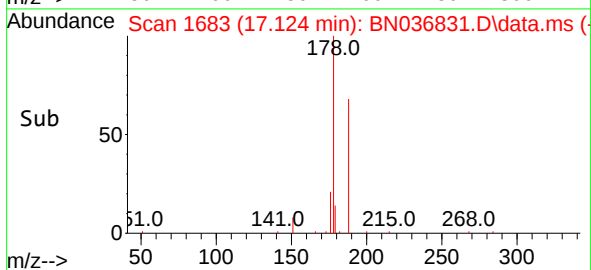
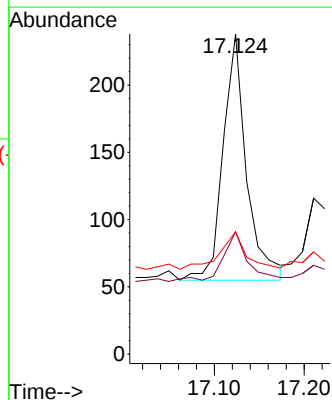
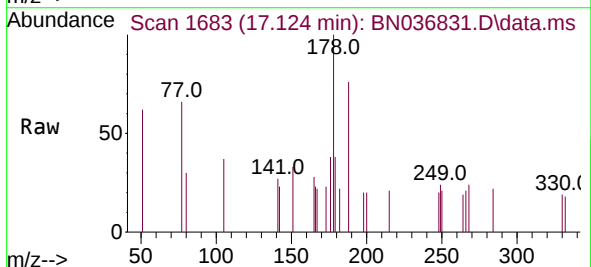
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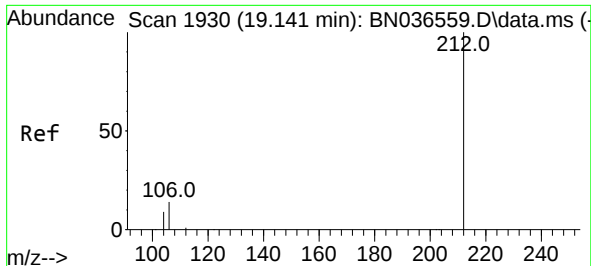
Tgt Ion:178 Resp: 332
Ion Ratio Lower Upper
178 100
176 21.7 15.9 23.9
179 17.2 12.2 18.4



#26
Anthracene
Concen: 0.024 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.124 min
Lab File: BN036831.D
Acq: 03 Apr 2025 20:14

Tgt Ion:178 Resp: 332
Ion Ratio Lower Upper
178 100
176 21.7 15.4 23.2
179 17.2 12.6 18.8

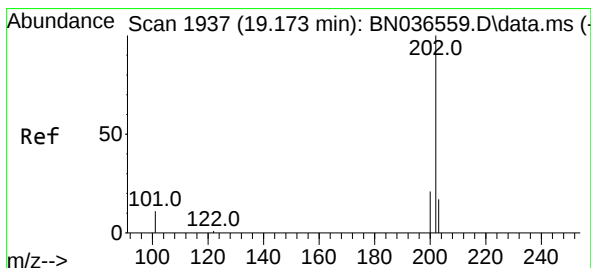
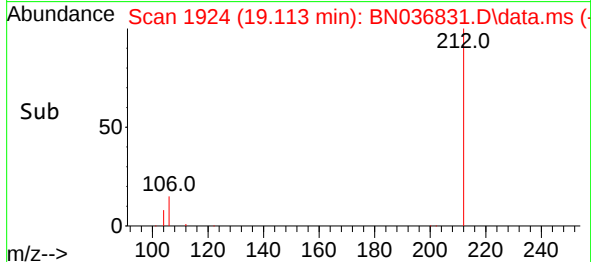
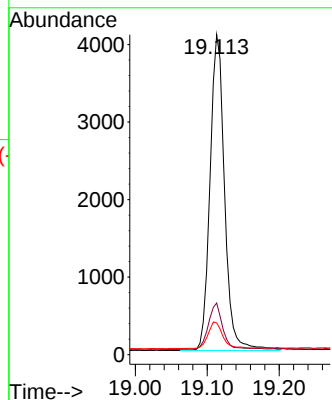
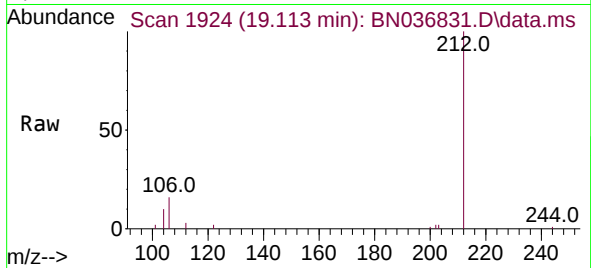




#27
Fluoranthene-d10
Concen: 0.435 ng
RT: 19.113 min Scan# 1913
Delta R.T. -0.028 min
Lab File: BN036831.D
Acq: 03 Apr 2025 20:14

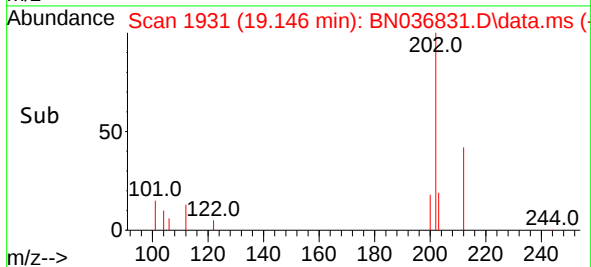
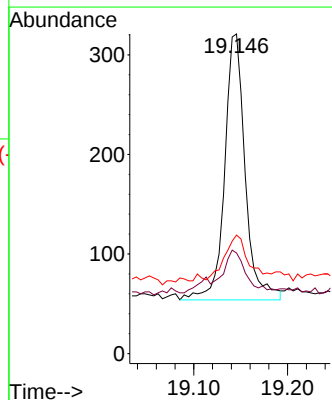
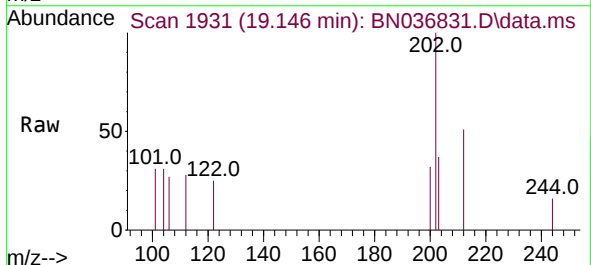
Instrument :
BNA_N
ClientSampleId :
RMW-05B-89-040225

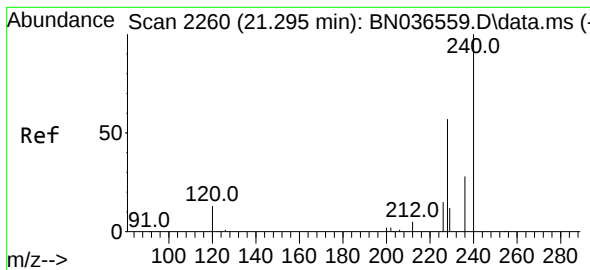
Tgt Ion:212 Resp: 5713
Ion Ratio Lower Upper
212 100
106 14.6 11.8 17.6
104 8.4 7.3 10.9



#28
Fluoranthene
Concen: 0.023 ng
RT: 19.146 min Scan# 1931
Delta R.T. -0.028 min
Lab File: BN036831.D
Acq: 03 Apr 2025 20:14

Tgt Ion:202 Resp: 406
Ion Ratio Lower Upper
202 100
101 15.5 9.4 14.0#
203 19.2 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: BN036831.D

Acq: 03 Apr 2025 20:14

Instrument :

BNA_N

ClientSampleId :

RMW-05B-89-040225

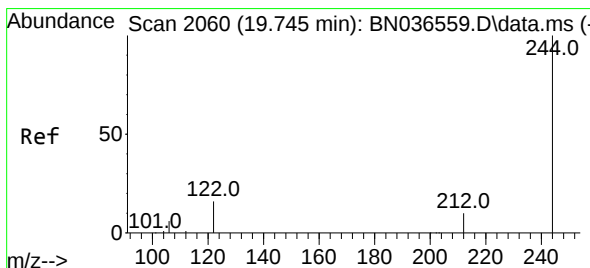
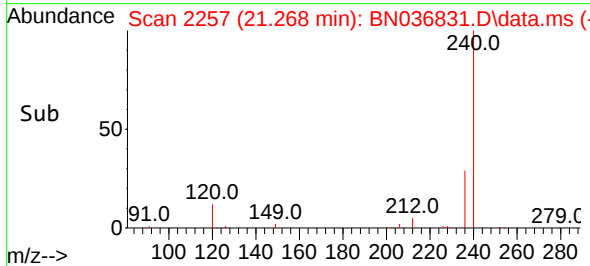
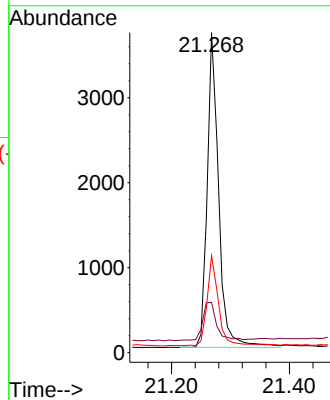
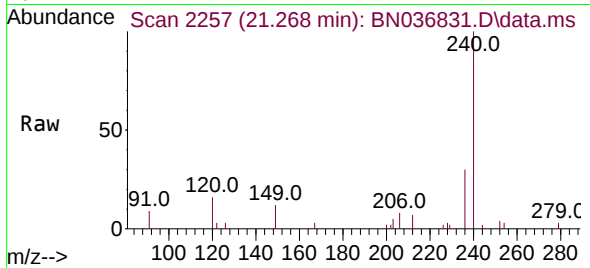
Tgt Ion:240 Resp: 5002

Ion Ratio Lower Upper

240 100

120 15.7 14.6 22.0

236 30.3 24.1 36.1



#31

Terphenyl-d14

Concen: 0.384 ng

RT: 19.717 min Scan# 2054

Delta R.T. -0.028 min

Lab File: BN036831.D

Acq: 03 Apr 2025 20:14

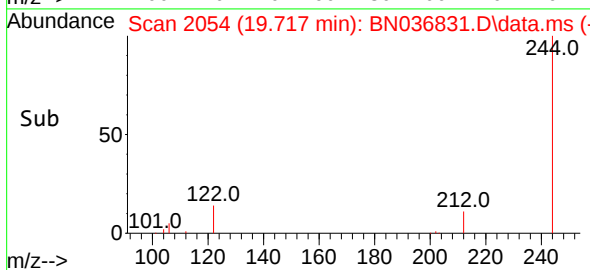
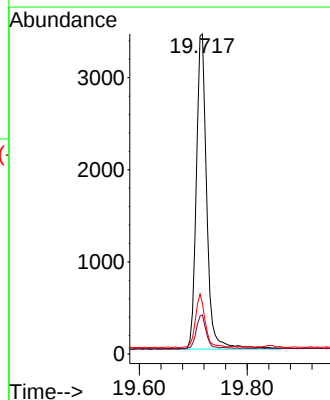
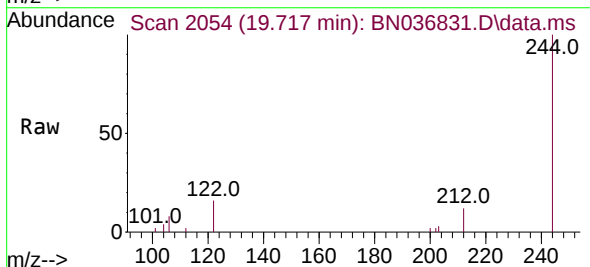
Tgt Ion:244 Resp: 4603

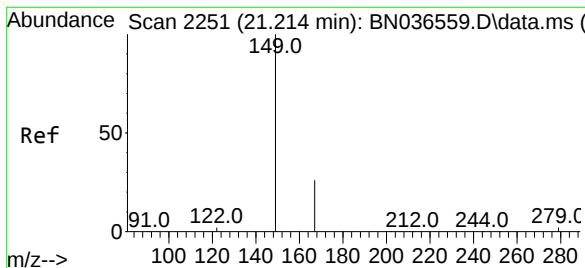
Ion Ratio Lower Upper

244 100

212 12.2 9.6 14.4

122 15.9 13.9 20.9

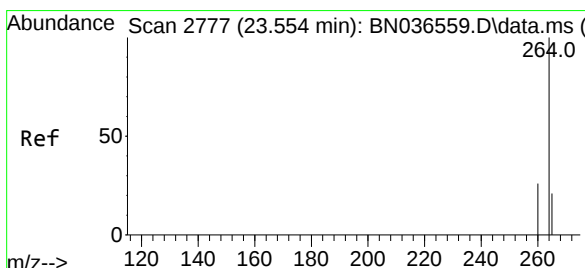
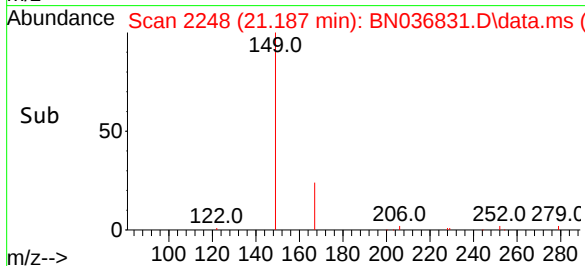
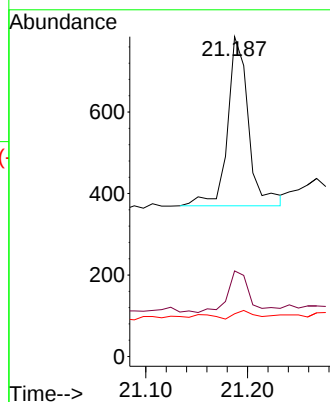
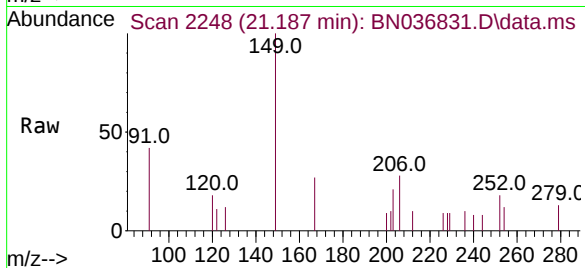




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.048 ng
RT: 21.187 min Scan# 2118
Delta R.T. -0.027 min
Lab File: BN036831.D
Acq: 03 Apr 2025 20:14

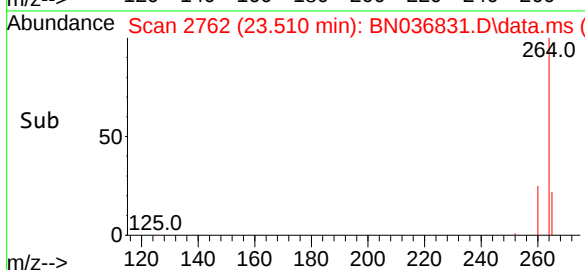
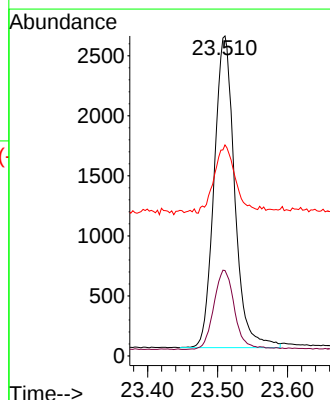
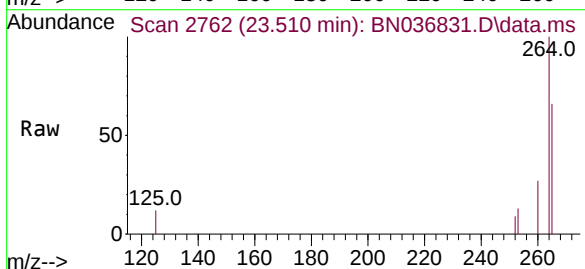
Instrument :
BNA_N
ClientSampleId :
RMW-05B-89-040225

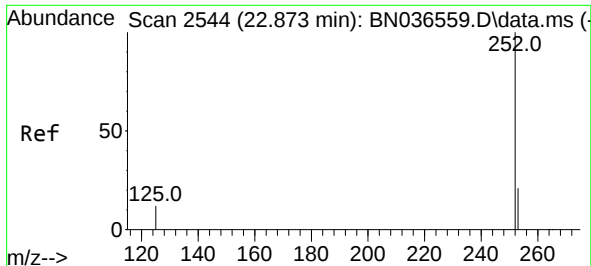
Tgt Ion:149 Resp: 594
Ion Ratio Lower Upper
149 100
167 25.9 20.7 31.1
279 4.5 3.6 5.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.510 min Scan# 2762
Delta R.T. -0.044 min
Lab File: BN036831.D
Acq: 03 Apr 2025 20:14

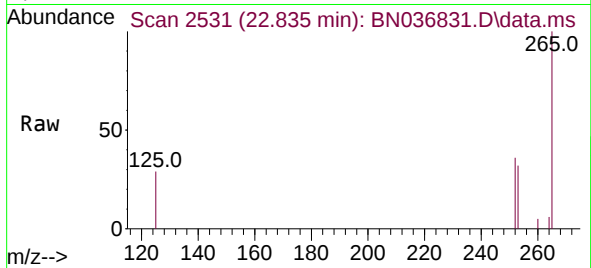
Tgt Ion:264 Resp: 5306
Ion Ratio Lower Upper
264 100
260 26.7 22.6 33.8
265 65.9 88.1 132.1#



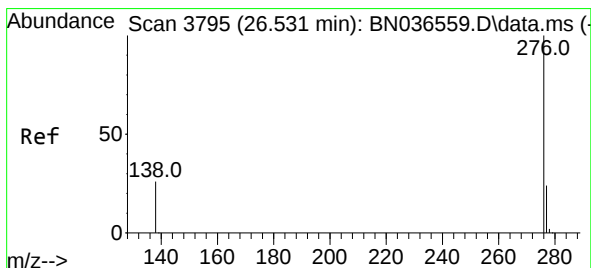
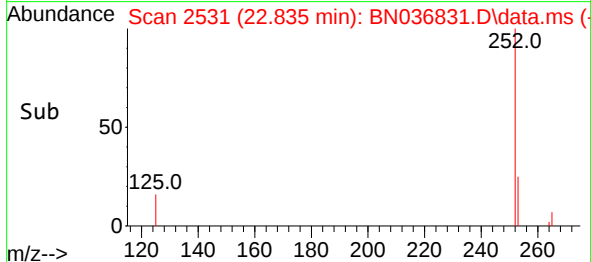
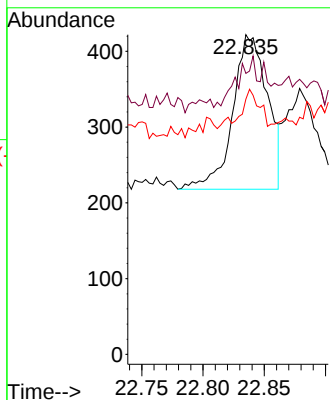


#37
Benzo(b)fluoranthene
Concen: 0.021 ng
RT: 22.835 min Scan# 21
Delta R.T. -0.038 min
Lab File: BN036831.D
Acq: 03 Apr 2025 20:14

Instrument :
BNA_N
ClientSampleId :
RMW-05B-89-040225



Tgt Ion:252 Resp: 405
Ion Ratio Lower Upper
252 100
253 87.9 23.9 35.9#
125 79.9 17.4 26.2#



#41
Benzo(g,h,i)perylene
Concen: 0.022 ng
RT: 26.457 min Scan# 3770
Delta R.T. -0.073 min
Lab File: BN036831.D
Acq: 03 Apr 2025 20:14

Tgt Ion:276 Resp: 378
Ion Ratio Lower Upper
276 100
277 56.5 22.2 33.4#
138 55.4 24.1 36.1#

