

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041125\
 Data File : BN036881.D
 Acq On : 11 Apr 2025 16:53
 Operator : RC/JU
 Sample : PB167519BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167519BL

Quant Time: Apr 11 17:52:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 11 16:11:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

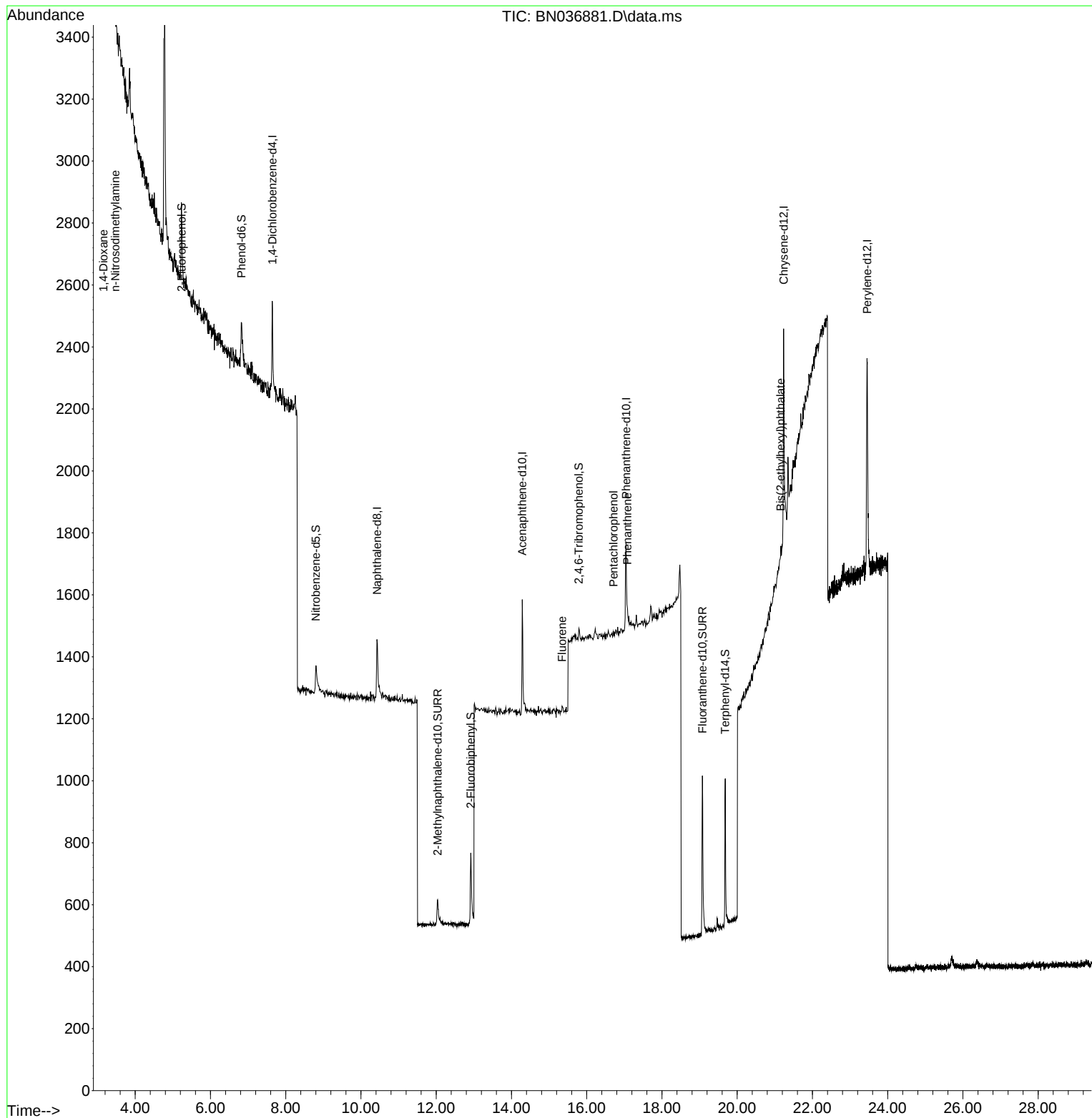
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.647	152	156	0.400	ng	# 0.00
7) Naphthalene-d8	10.426	136	407	0.400	ng	# 0.00
13) Acenaphthene-d10	14.288	164	260	0.400	ng	0.00
19) Phenanthrene-d10	17.046	188	582	0.400	ng	# 0.01
29) Chrysene-d12	21.233	240	799	0.400	ng	# 0.00
35) Perylene-d12	23.450	264	1040	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.235	112	192	0.523	ng	0.00
5) Phenol-d6	6.824	99	179	0.381	ng	0.00
8) Nitrobenzene-d5	8.803	82	179	0.396	ng	0.01
11) 2-Methylnaphthalene-d10	12.036	152	207	0.350	ng	0.02
14) 2,4,6-Tribromophenol	15.792	330	28	0.223	ng	0.01
15) 2-Fluorobiphenyl	12.919	172	424	0.340	ng	0.01
27) Fluoranthene-d10	19.077	212	718	0.438	ng	0.00
31) Terphenyl-d14	19.681	244	541	0.356	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.155	88	6	0.033	ng	# 17
3) n-Nitrosodimethylamine	3.473	42	18	0.045	ng	# 74
18) Fluorene	15.346	166	26	0.024	ng	# 66
24) Pentachlorophenol	16.711	266	8	0.037	ng	# 14
25) Phenanthrene	17.083	178	41	0.023	ng	98
34) Bis(2-ethylhexyl)phtha...	21.153	149	68	0.032	ng	# 84

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

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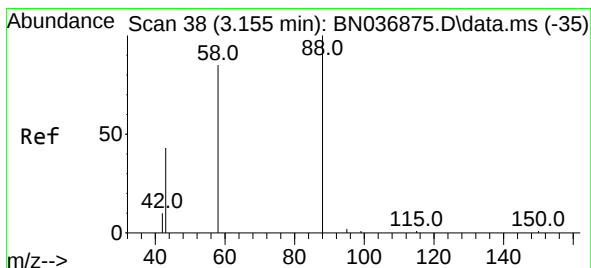
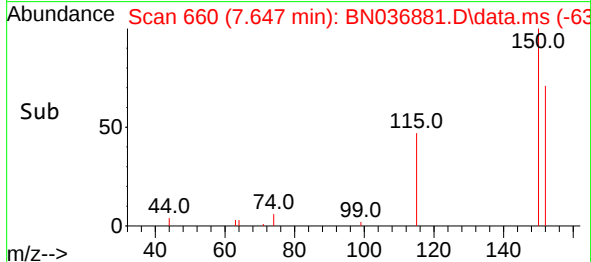
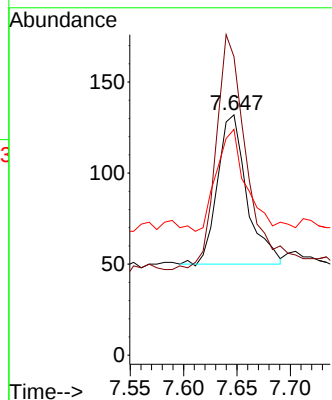
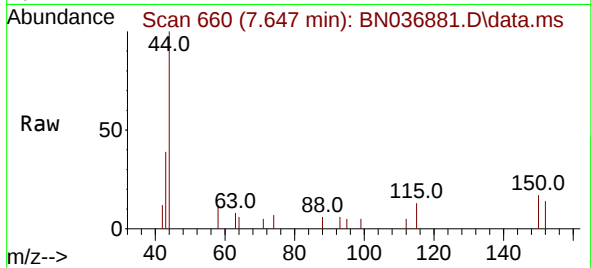




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.647 min Scan# 60
 Delta R.T. 0.007 min
 Lab File: BN036881.D
 Acq: 11 Apr 2025 16:53

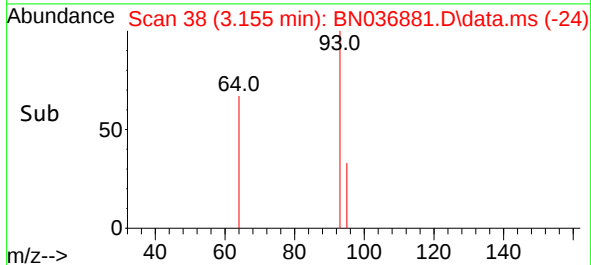
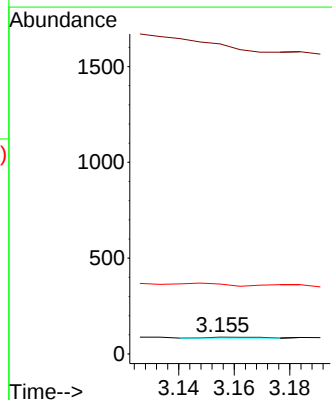
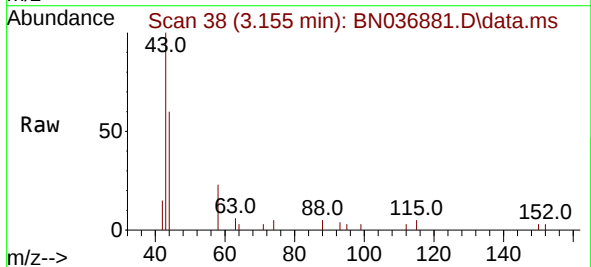
Instrument :
 BNA_N
 ClientSampleId :
 PB167519BL

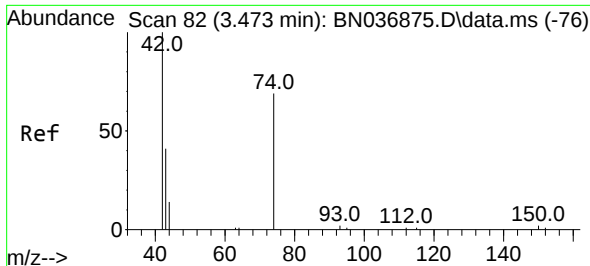
Tgt Ion:152 Resp: 156
 Ion Ratio Lower Upper
 152 100
 150 124.2 123.0 184.6
 115 93.9 60.1 90.1#



#2
 1,4-Dioxane
 Concen: 0.033 ng
 RT: 3.155 min Scan# 38
 Delta R.T. -0.000 min
 Lab File: BN036881.D
 Acq: 11 Apr 2025 16:53

Tgt Ion: 88 Resp: 6
 Ion Ratio Lower Upper
 88 100
 43 0.0 39.2 58.8#
 58 0.0 63.5 95.3#

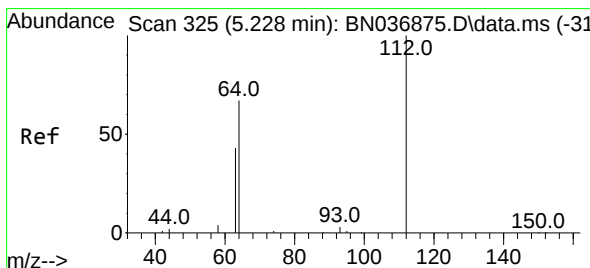
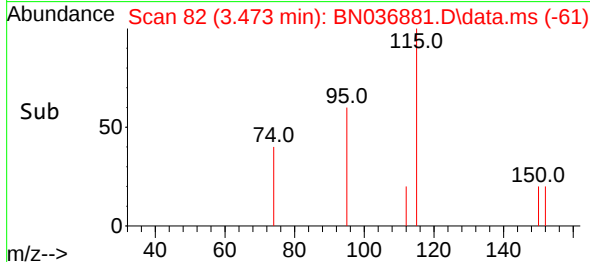
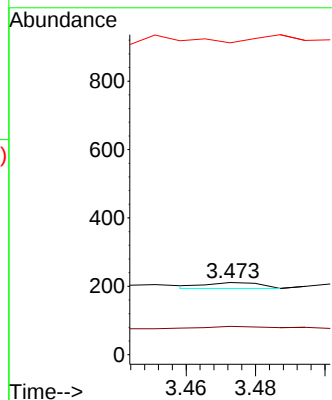
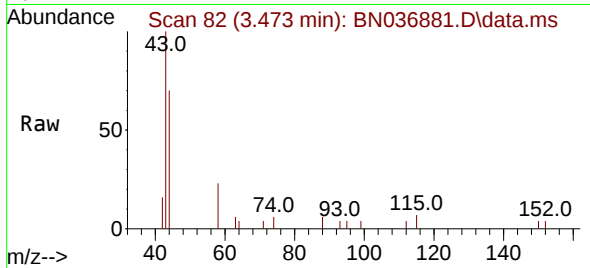




#3
 n-Nitrosodimethylamine
 Concen: 0.045 ng
 RT: 3.473 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BN036881.D
 Acq: 11 Apr 2025 16:53

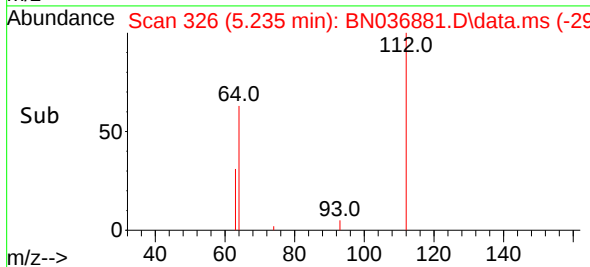
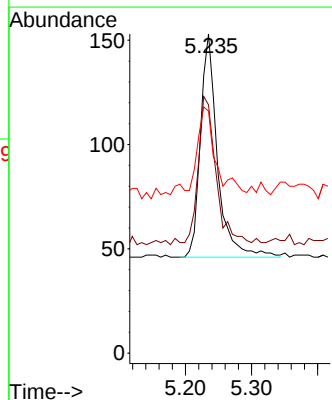
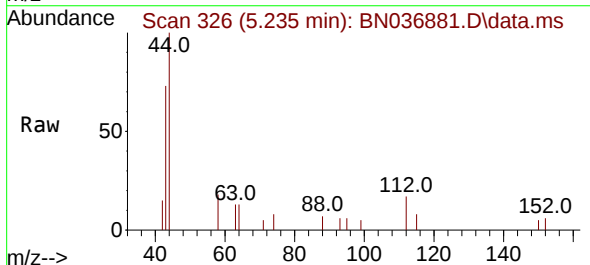
Instrument :
 BNA_N
 ClientSampleId :
 PB167519BL

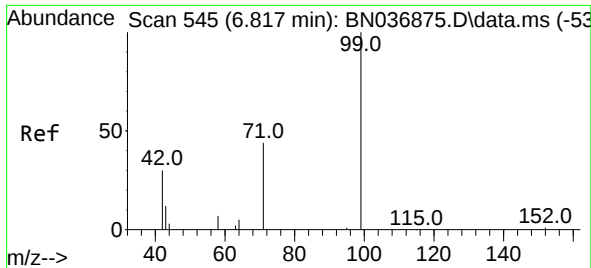
Tgt Ion: 42 Resp: 18
 Ion Ratio Lower Upper
 42 100
 74 88.9 54.6 81.8#
 44 105.6 0.0 0.0#



#4
 2-Fluorophenol
 Concen: 0.523 ng
 RT: 5.235 min Scan# 326
 Delta R.T. 0.007 min
 Lab File: BN036881.D
 Acq: 11 Apr 2025 16:53

Tgt Ion: 112 Resp: 192
 Ion Ratio Lower Upper
 112 100
 64 70.3 54.0 81.0
 63 38.0 35.1 52.7

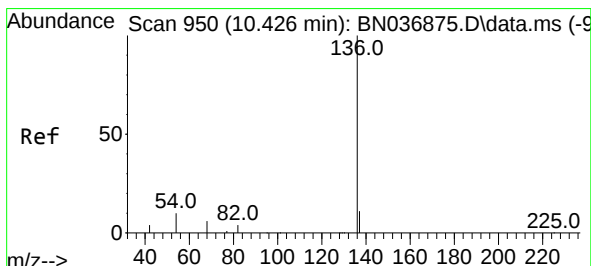
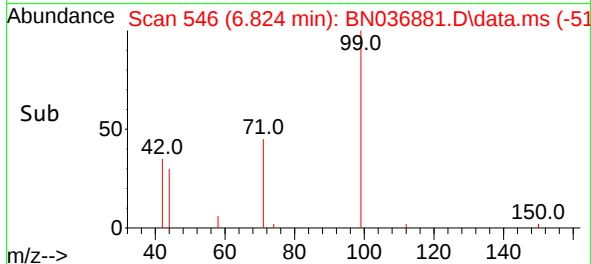
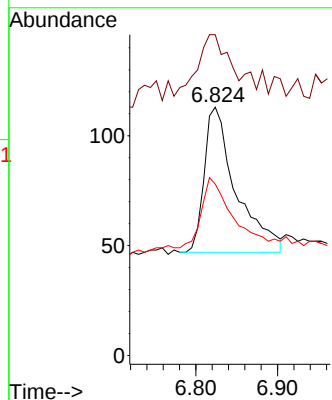
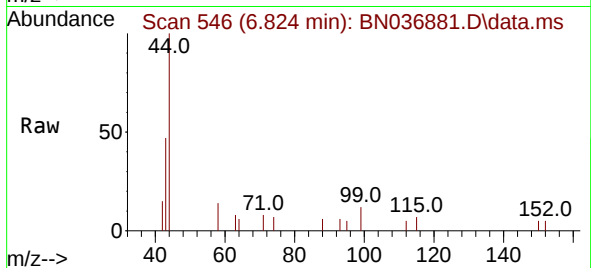




#5
Phenol-d6
Concen: 0.381 ng
RT: 6.824 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN036881.D
Acq: 11 Apr 2025 16:53

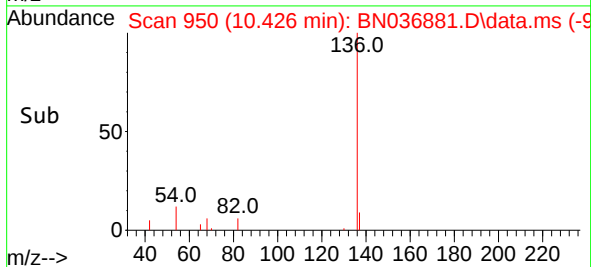
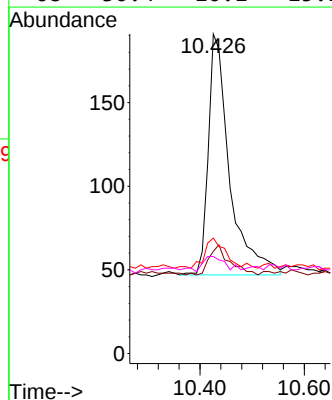
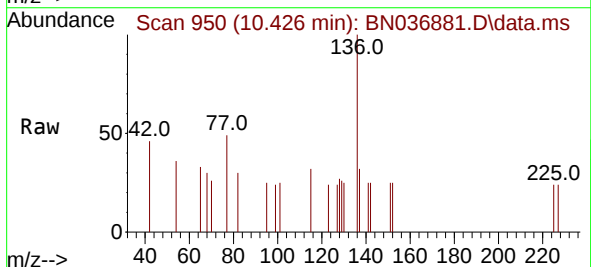
Instrument :
BNA_N
ClientSampleId :
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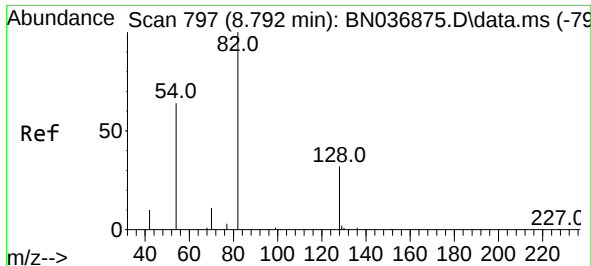
Tgt Ion: 99 Resp: 179
Ion Ratio Lower Upper
99 100
42 46.4 30.9 46.3#
71 46.4 38.6 58.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.426 min Scan# 950
Delta R.T. -0.000 min
Lab File: BN036881.D
Acq: 11 Apr 2025 16:53

Tgt Ion:136 Resp: 407
Ion Ratio Lower Upper
136 100
137 31.9 13.5 20.3#
54 36.1 12.8 19.2#
68 30.4 10.1 15.1#

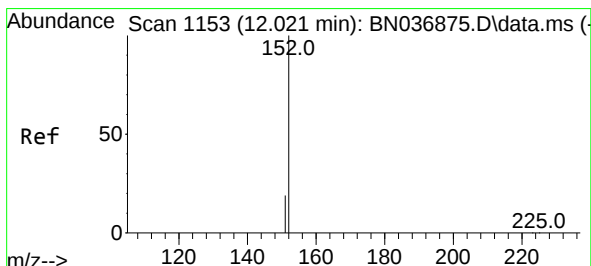
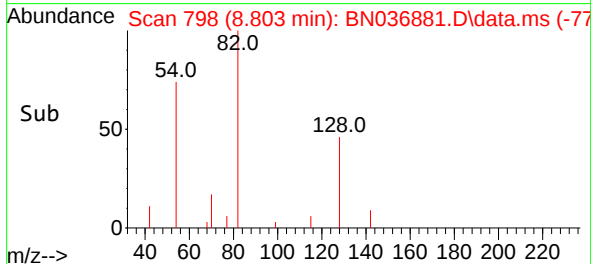
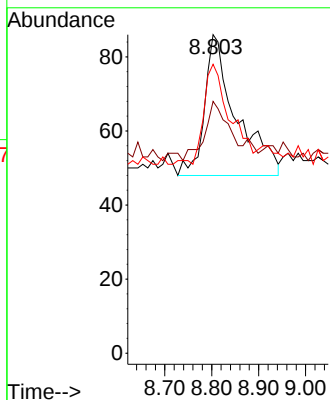
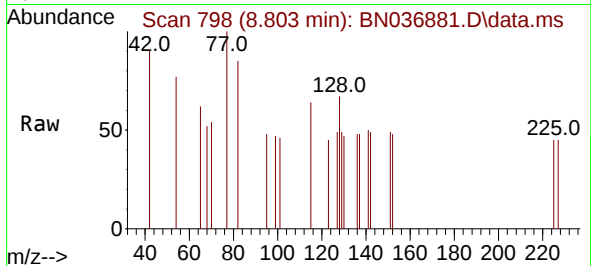




#8
Nitrobenzene-d5
Concen: 0.396 ng
RT: 8.803 min Scan# 79
Delta R.T. 0.011 min
Lab File: BN036881.D
Acq: 11 Apr 2025 16:53

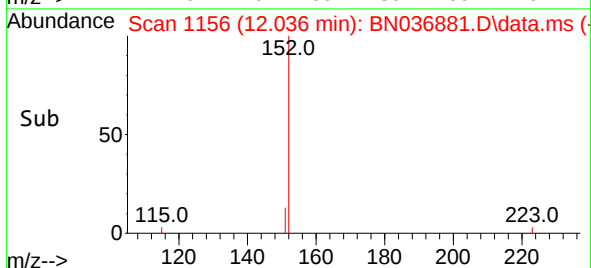
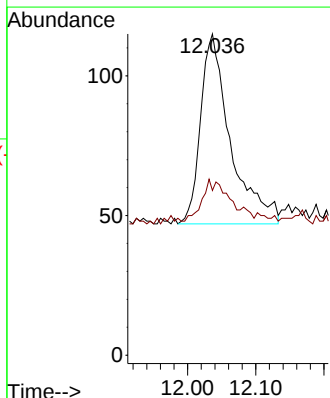
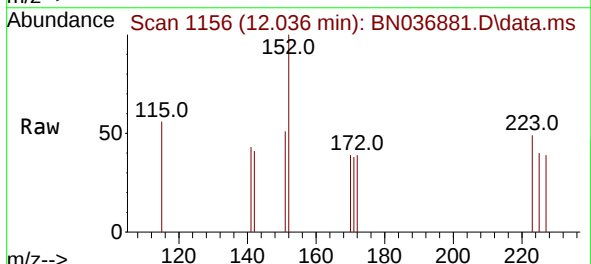
Instrument :
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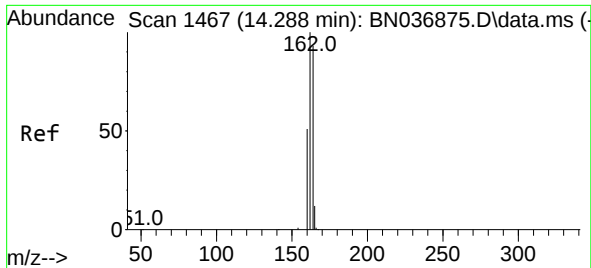
Tgt Ion: 82 Resp: 179
Ion Ratio Lower Upper
82 100
128 79.1 35.5 53.3#
54 90.7 56.2 84.4#



#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 12.036 min Scan# 1156
Delta R.T. 0.015 min
Lab File: BN036881.D
Acq: 11 Apr 2025 16:53

Tgt Ion: 152 Resp: 207
Ion Ratio Lower Upper
152 100
151 18.4 17.8 26.8

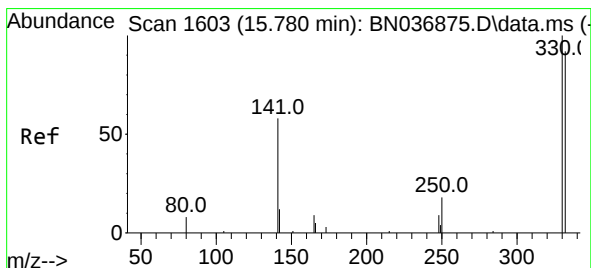
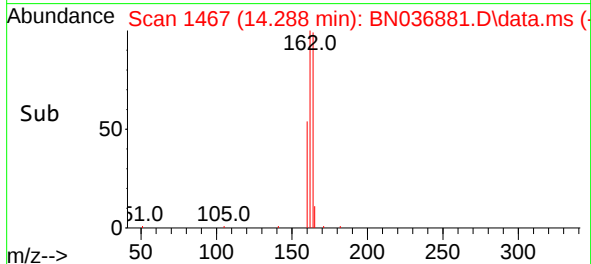
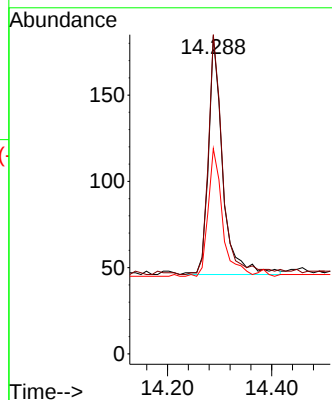
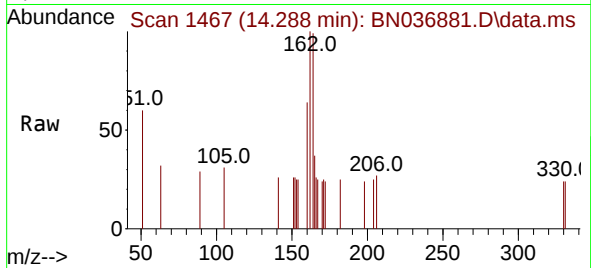




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.288 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN036881.D
Acq: 11 Apr 2025 16:53

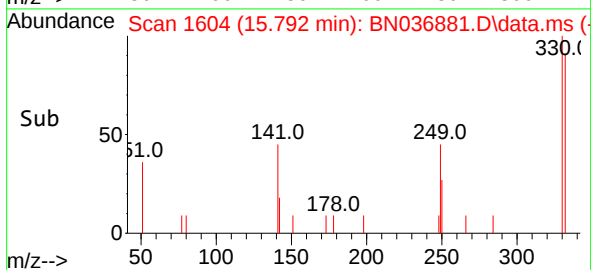
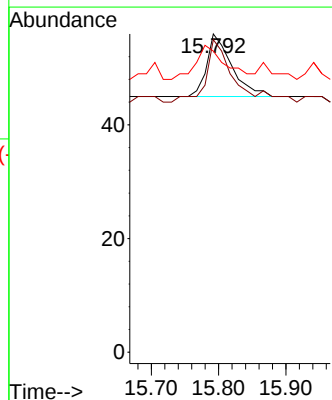
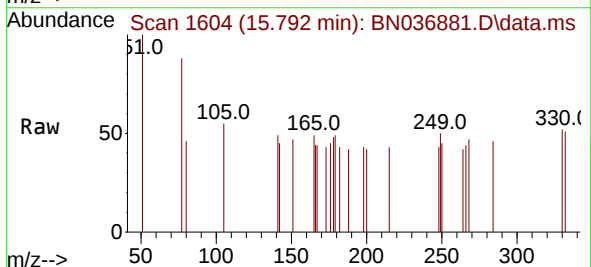
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BNA_N
ClientSampleId :
PB167519BL

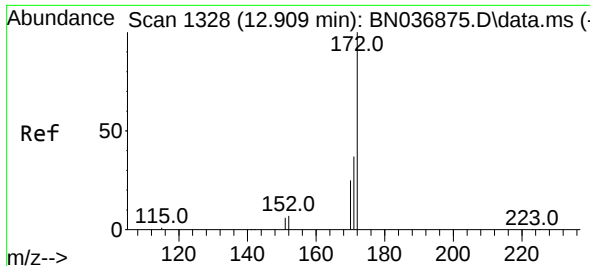
Tgt Ion:164 Resp: 260
Ion Ratio Lower Upper
164 100
162 100.5 85.7 128.5
160 64.7 46.9 70.3



#14
2,4,6-Tribromophenol
Concen: 0.223 ng
RT: 15.792 min Scan# 1604
Delta R.T. 0.012 min
Lab File: BN036881.D
Acq: 11 Apr 2025 16:53

Tgt Ion:330 Resp: 28
Ion Ratio Lower Upper
330 100
332 110.7 87.0 130.6
141 64.3 45.3 67.9

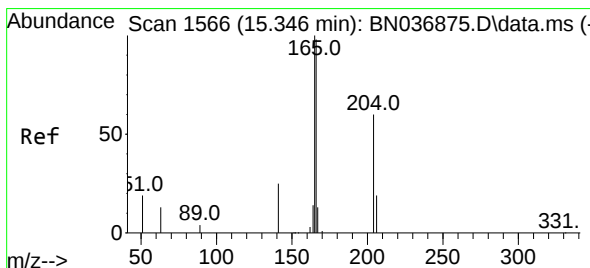
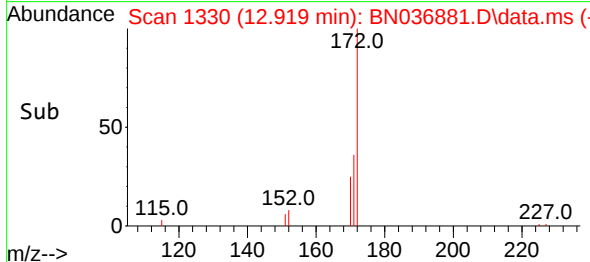
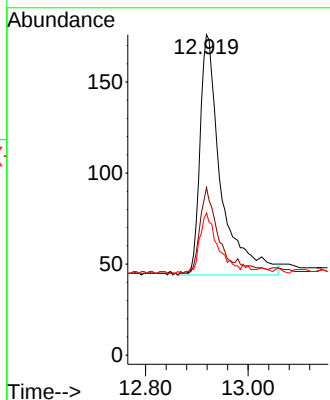
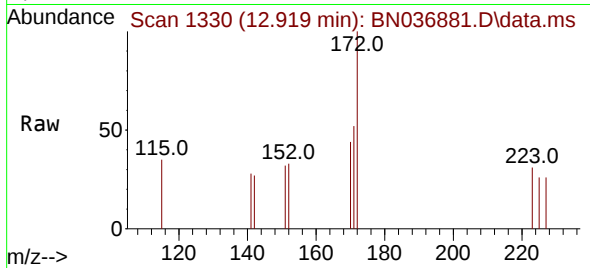




#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 12.919 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN036881.D
Acq: 11 Apr 2025 16:53

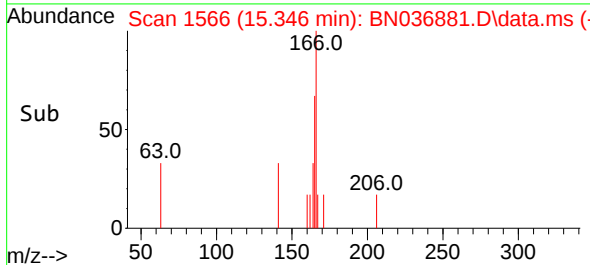
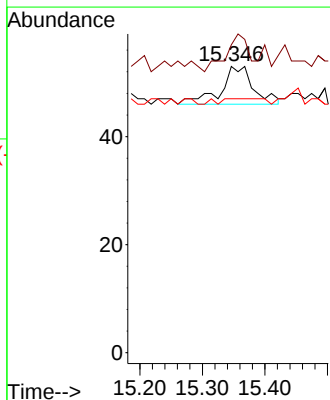
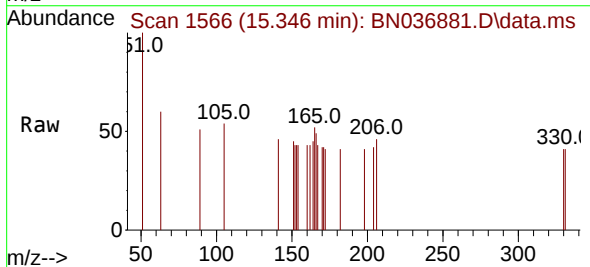
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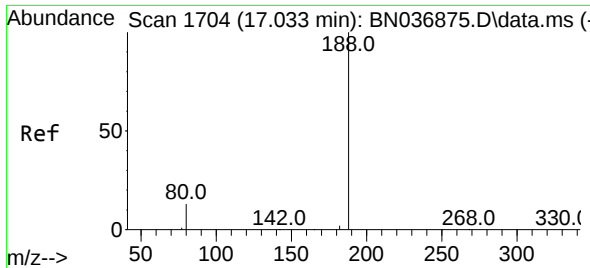
Tgt Ion:172 Resp: 424
Ion Ratio Lower Upper
172 100
171 52.3 32.7 49.1#
170 44.3 23.3 34.9#



#18
Fluorene
Concen: 0.024 ng
RT: 15.346 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BN036881.D
Acq: 11 Apr 2025 16:53

Tgt Ion:166 Resp: 26
Ion Ratio Lower Upper
166 100
165 69.2 83.2 124.8#
167 0.0 11.1 16.7#

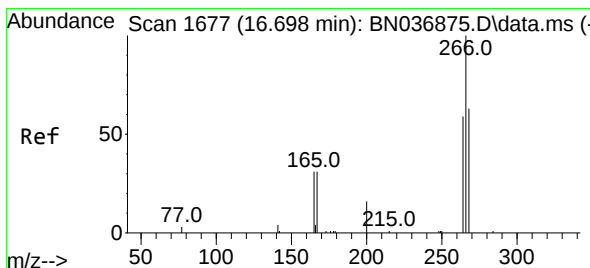
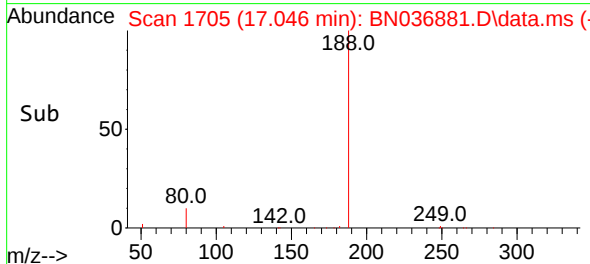
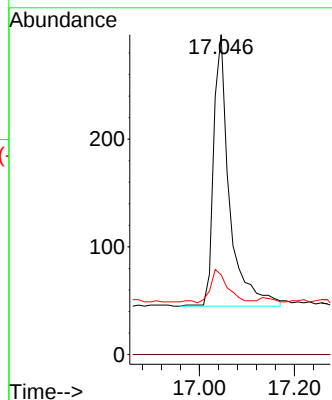
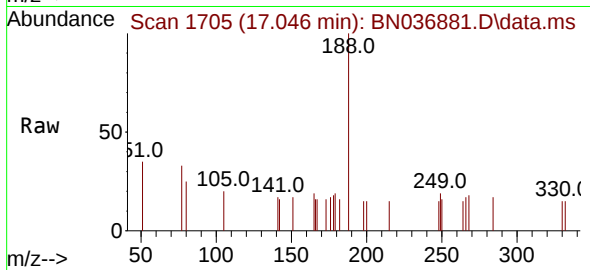




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.046 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN036881.D
Acq: 11 Apr 2025 16:53

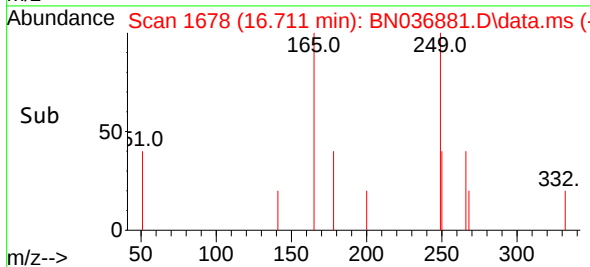
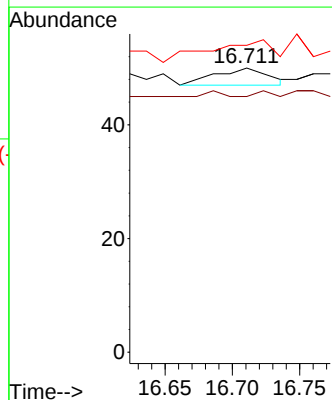
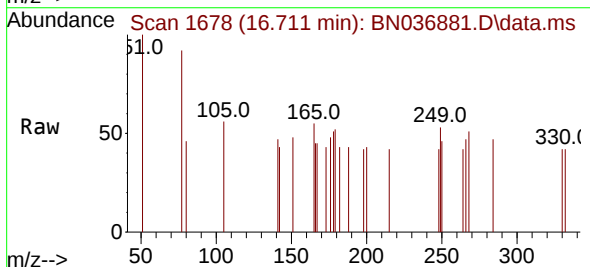
Instrument :
BNA_N
ClientSampleId :
PB167519BL

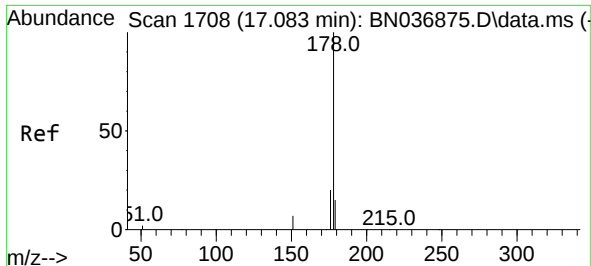
Tgt Ion:188 Resp: 582
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 24.9 13.9 20.9#



#24
Pentachlorophenol
Concen: 0.037 ng
RT: 16.711 min Scan# 1678
Delta R.T. 0.012 min
Lab File: BN036881.D
Acq: 11 Apr 2025 16:53

Tgt Ion:266 Resp: 8
Ion Ratio Lower Upper
266 100
264 25.0 44.6 66.8#
268 162.5 51.8 77.6#

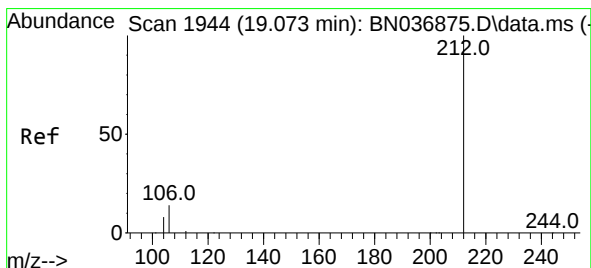
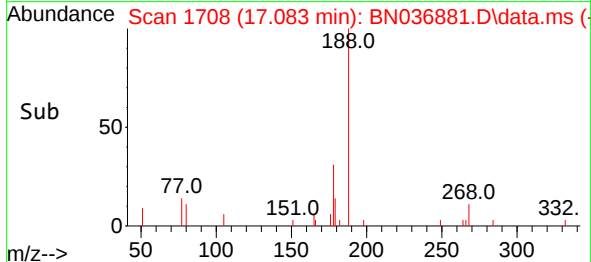
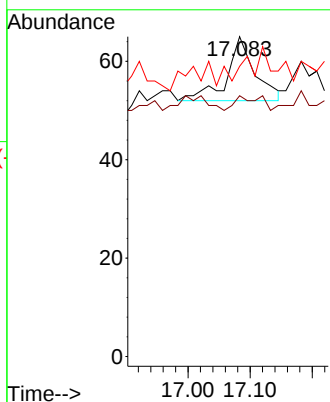
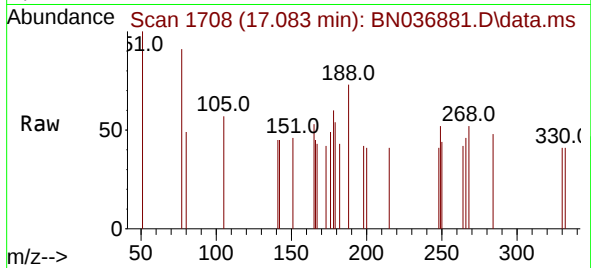




#25
Phenanthrene
Concen: 0.023 ng
RT: 17.083 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BN036881.D
Acq: 11 Apr 2025 16:53

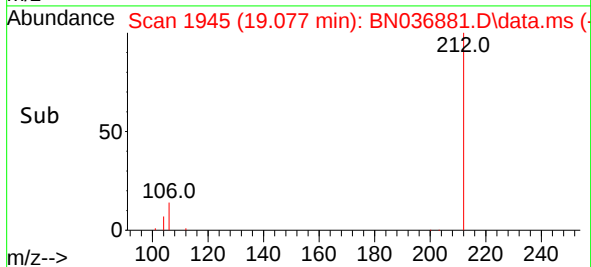
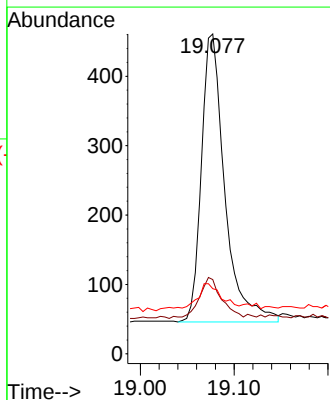
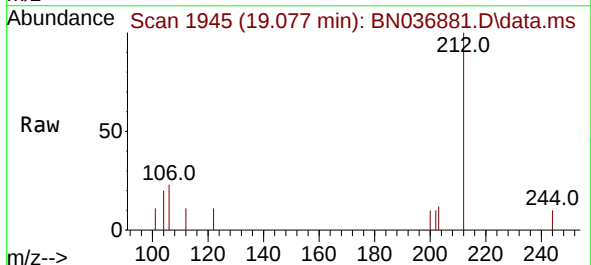
Instrument :
BNA_N
ClientSampleId :
PB167519BL

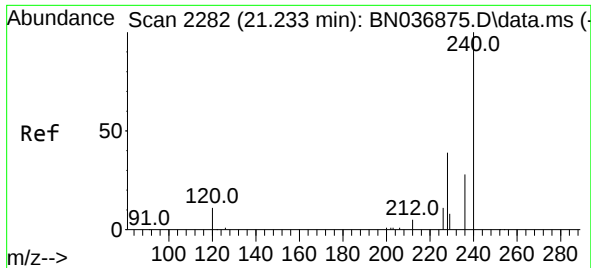
Tgt Ion:178 Resp: 41
Ion Ratio Lower Upper
178 100
176 22.0 16.6 25.0
179 17.1 12.8 19.2



#27
Fluoranthene-d10
Concen: 0.438 ng
RT: 19.077 min Scan# 1945
Delta R.T. 0.005 min
Lab File: BN036881.D
Acq: 11 Apr 2025 16:53

Tgt Ion:212 Resp: 718
Ion Ratio Lower Upper
212 100
106 13.6 11.2 16.8
104 7.9 7.5 11.3

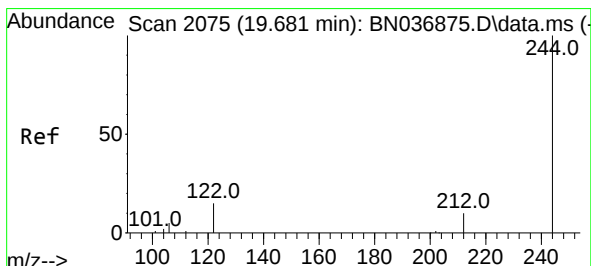
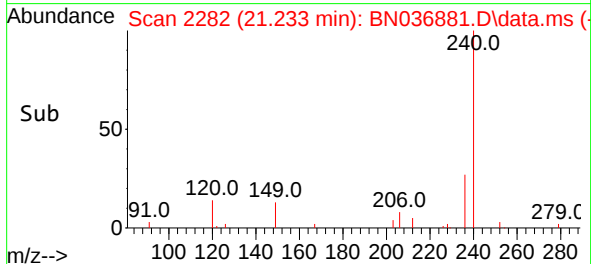
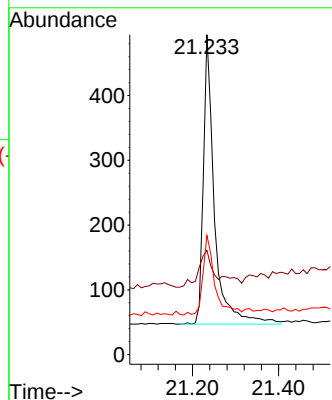
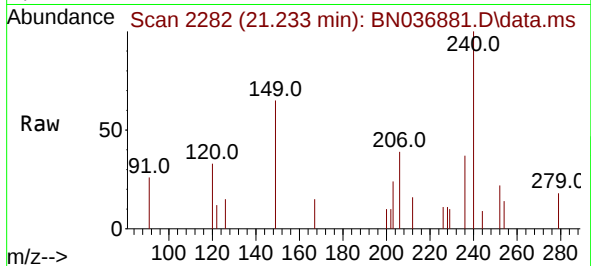




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036881.D
Acq: 11 Apr 2025 16:53

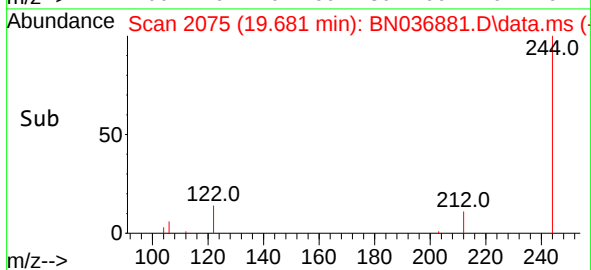
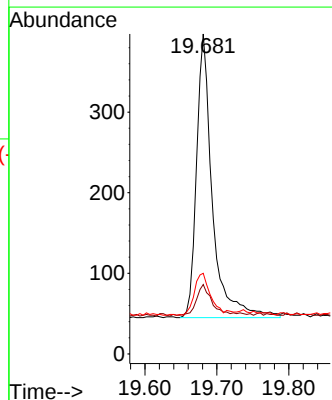
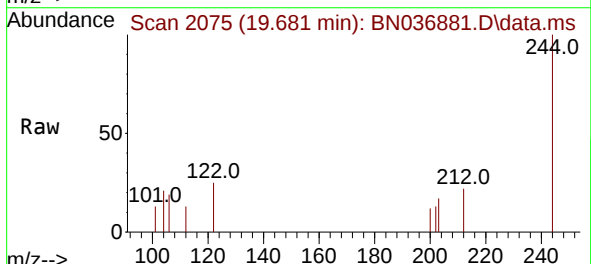
Instrument :
BNA_N
ClientSampleId :
PB167519BL

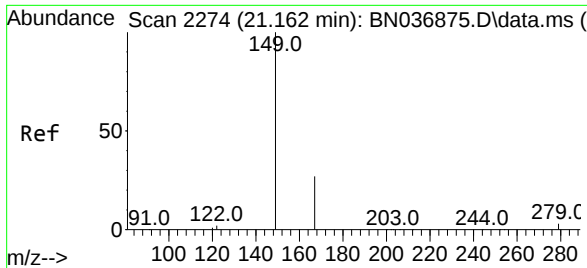
Tgt Ion:240 Resp: 799
Ion Ratio Lower Upper
240 100
120 32.6 15.8 23.6#
236 37.2 25.8 38.8



#31
Terphenyl-d14
Concen: 0.356 ng
RT: 19.681 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BN036881.D
Acq: 11 Apr 2025 16:53

Tgt Ion:244 Resp: 541
Ion Ratio Lower Upper
244 100
212 21.7 11.6 17.4#
122 25.2 14.9 22.3#

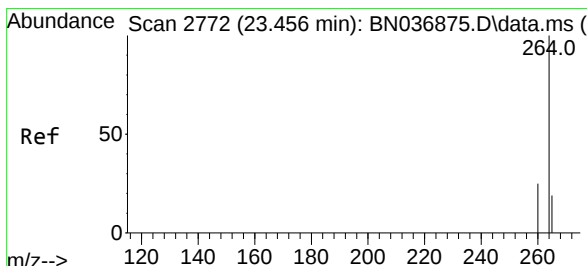
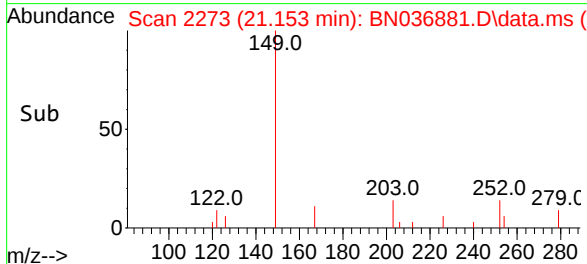
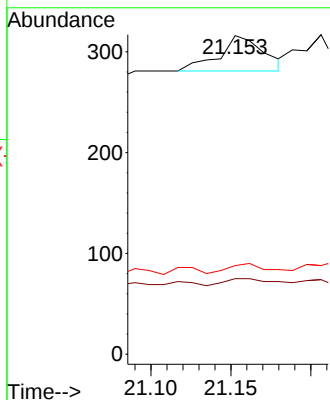
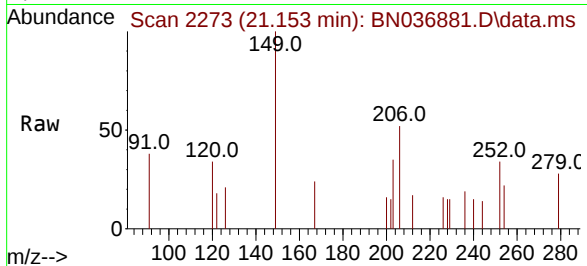




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.032 ng
 RT: 21.153 min Scan# 21153
 Delta R.T. -0.009 min
 Lab File: BN036881.D
 Acq: 11 Apr 2025 16:53

Instrument :
 BNA_N
 ClientSampleId :
 PB167519BL

Tgt Ion:149 Resp: 68
 Ion Ratio Lower Upper
 149 100
 167 22.1 21.0 31.4
 279 25.0 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.450 min Scan# 2770
 Delta R.T. -0.006 min
 Lab File: BN036881.D
 Acq: 11 Apr 2025 16:53

Tgt Ion:264 Resp: 1040
 Ion Ratio Lower Upper
 264 100
 260 32.3 22.9 34.3
 265 191.7 88.6 132.8#

