

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041125\
 Data File : BN036885.D
 Acq On : 11 Apr 2025 19:21
 Operator : RC/JU
 Sample : PB167565BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167565BL

Quant Time: Apr 11 23:06:09 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)

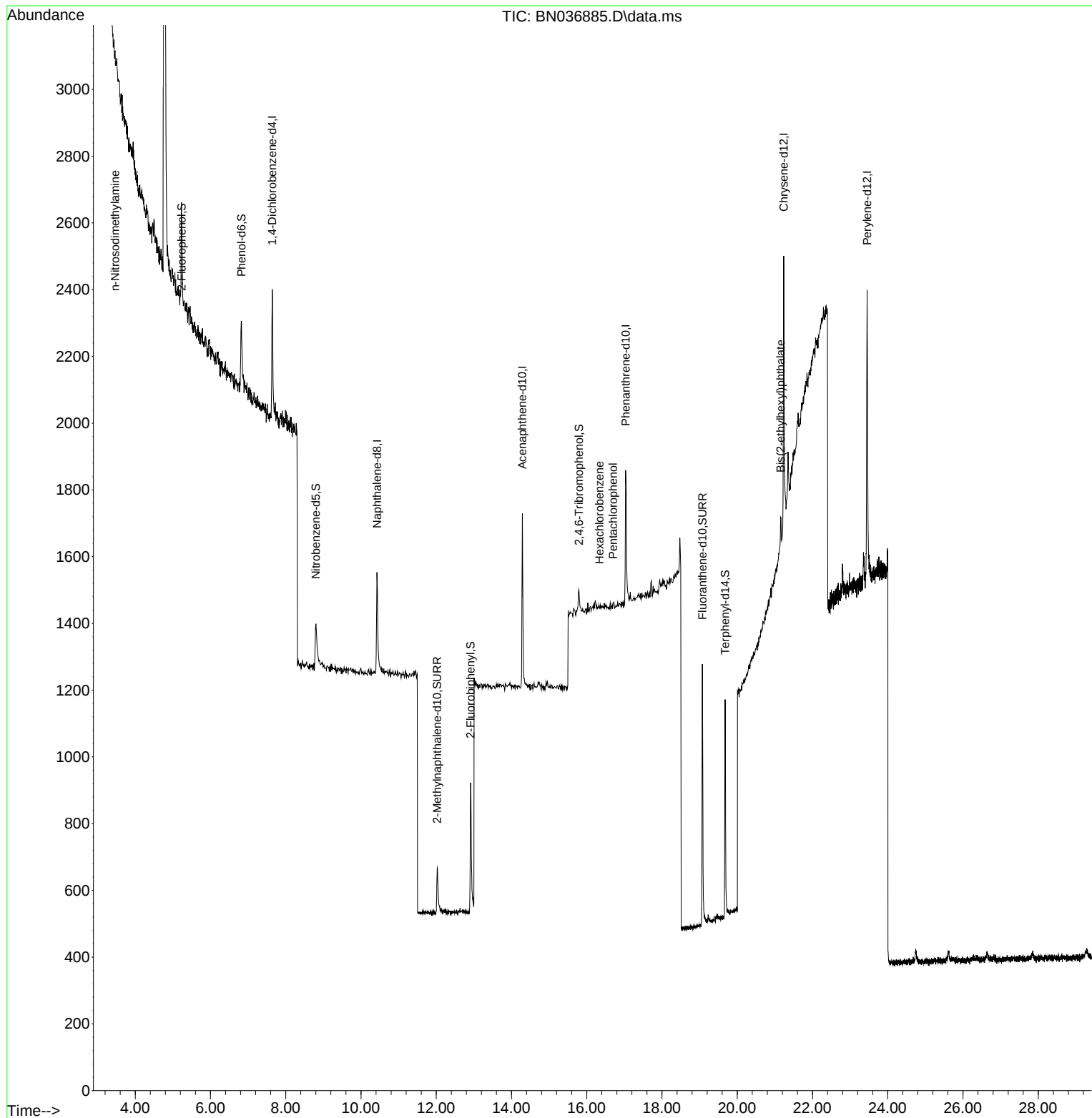
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	228	0.400	ng	0.00
7) Naphthalene-d8	10.426	136	558	0.400	ng	# 0.00
13) Acenaphthene-d10	14.288	164	321	0.400	ng	0.00
19) Phenanthrene-d10	17.033	188	761	0.400	ng	# 0.00
29) Chrysene-d12	21.233	240	945	0.400	ng	# 0.00
35) Perylene-d12	23.450	264	1194	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.235	112	248	0.462	ng	0.00
5) Phenol-d6	6.824	99	273	0.398	ng	0.00
8) Nitrobenzene-d5	8.803	82	234	0.378	ng	0.01
11) 2-Methylnaphthalene-d10	12.026	152	282	0.348	ng	0.00
14) 2,4,6-Tribromophenol	15.792	330	59	0.381	ng	0.01
15) 2-Fluorobiphenyl	12.914	172	615	0.399	ng	0.00
27) Fluoranthene-d10	19.073	212	976	0.455	ng	0.00
31) Terphenyl-d14	19.676	244	695	0.387	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.465	42	23	0.039	ng	# 64
22) Hexachlorobenzene	16.338	284	14	0.026	ng	# 58
24) Pentachlorophenol	16.698	266	15	0.053	ng	# 50
34) Bis(2-ethylhexyl)phtha...	21.153	149	101	0.041	ng	# 75

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

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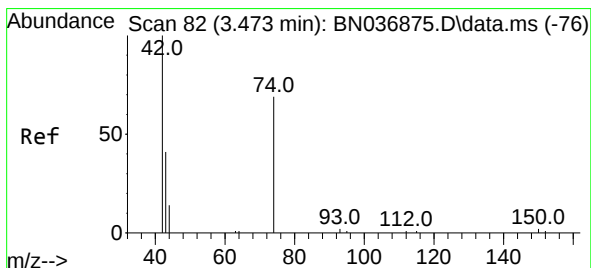
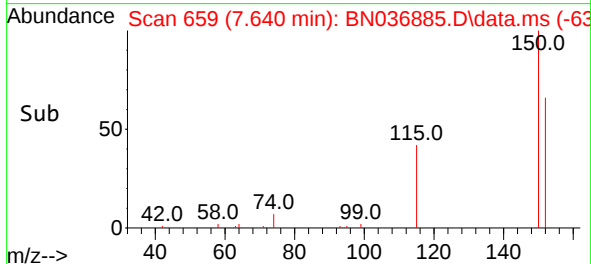
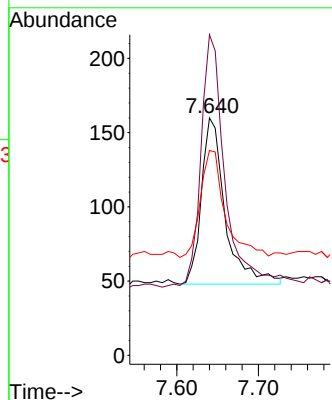
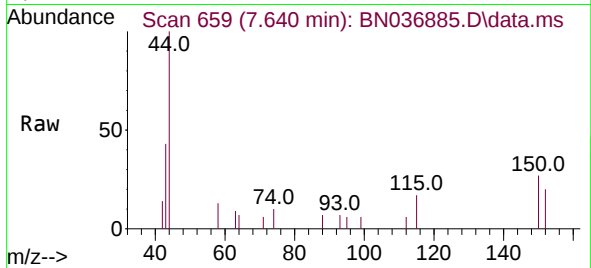




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.640 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN036885.D
 Acq: 11 Apr 2025 19:21

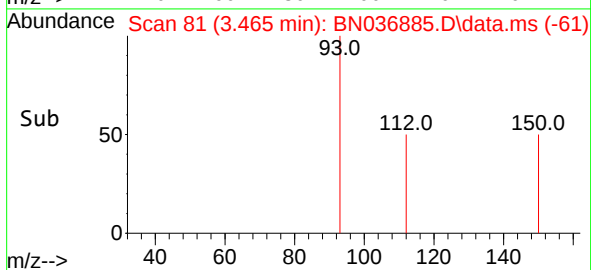
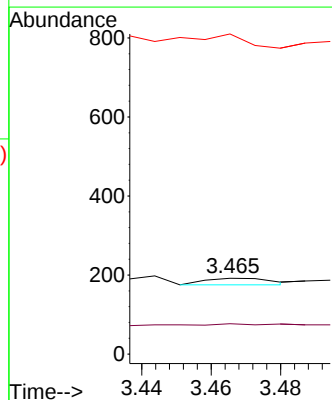
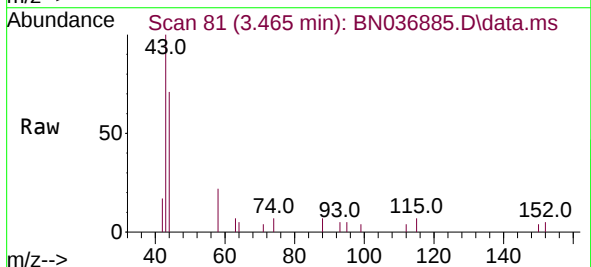
Instrument :
 BNA_N
 ClientSampleId :
 PB167565BL

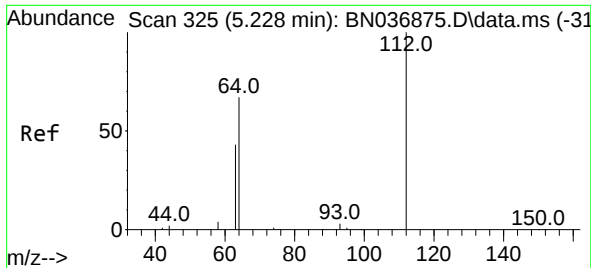
Tgt Ion:152 Resp: 228
 Ion Ratio Lower Upper
 152 100
 150 135.0 123.0 184.6
 115 86.3 60.1 90.1



#3
 n-Nitrosodimethylamine
 Concen: 0.039 ng
 RT: 3.465 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BN036885.D
 Acq: 11 Apr 2025 19:21

Tgt Ion: 42 Resp: 23
 Ion Ratio Lower Upper
 42 100
 74 39.1 54.6 81.8#
 44 0.0 0.0 0.0

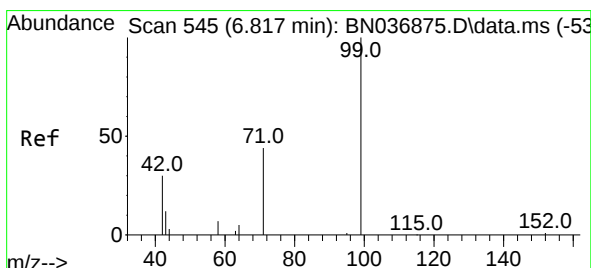
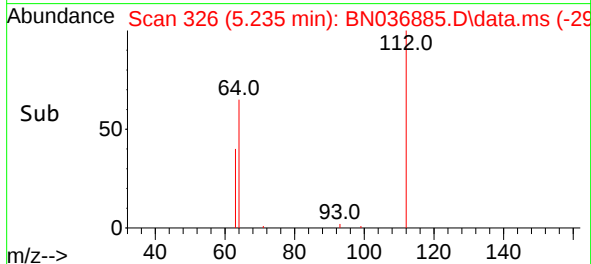
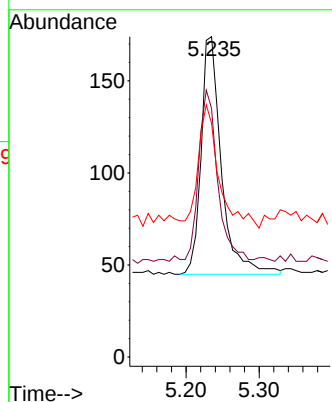
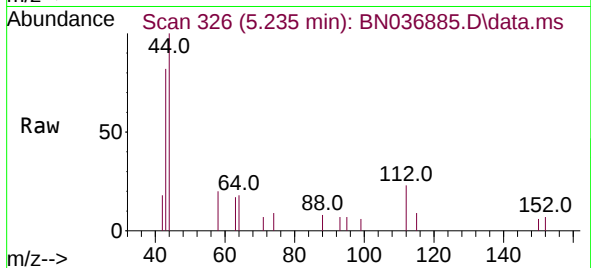




#4
2-Fluorophenol
Concen: 0.462 ng
RT: 5.235 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN036885.D
Acq: 11 Apr 2025 19:21

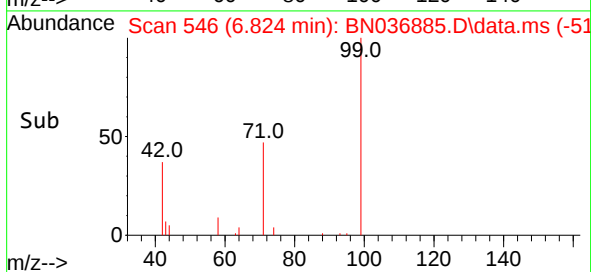
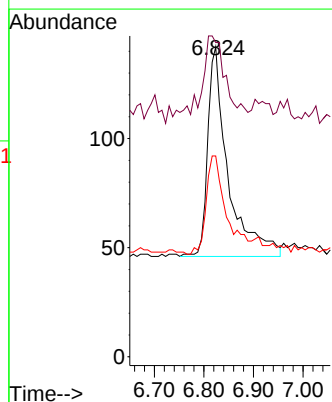
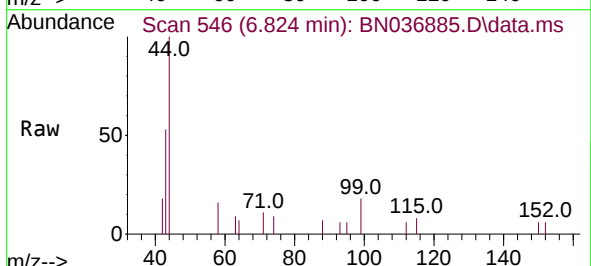
Instrument :
BNA_N
ClientSampleId :
PB167565BL

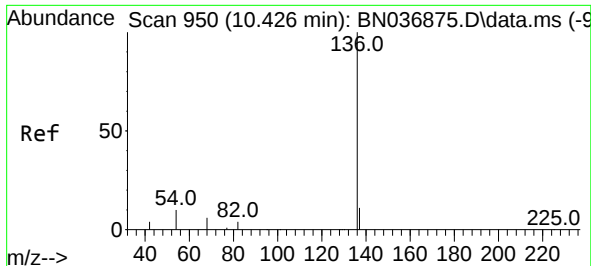
Tgt Ion:112 Resp: 248
Ion Ratio Lower Upper
112 100
64 66.9 54.0 81.0
63 52.8 35.1 52.7#



#5
Phenol-d6
Concen: 0.398 ng
RT: 6.824 min Scan# 546
Delta R.T. 0.007 min
Lab File: BN036885.D
Acq: 11 Apr 2025 19:21

Tgt Ion: 99 Resp: 273
Ion Ratio Lower Upper
99 100
42 54.6 30.9 46.3#
71 46.9 38.6 58.0

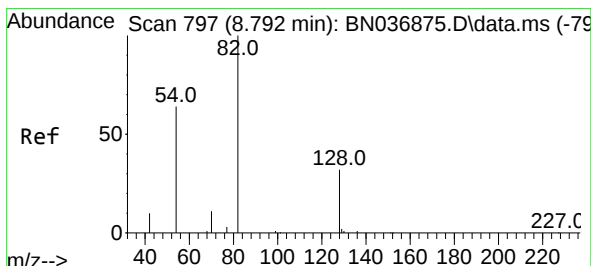
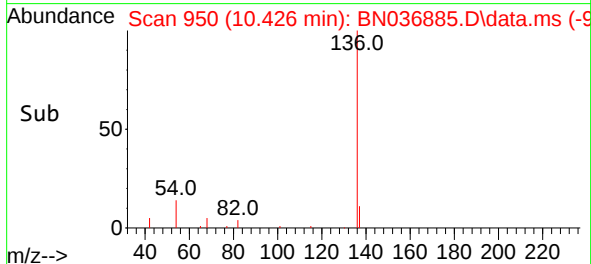
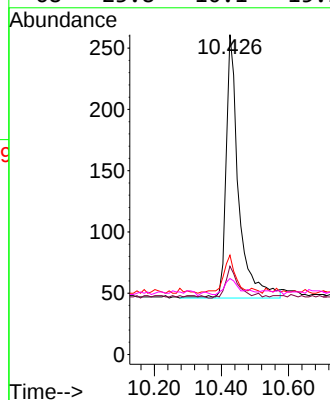
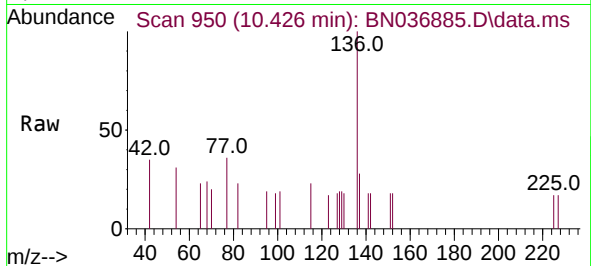




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.426 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN036885.D
Acq: 11 Apr 2025 19:21

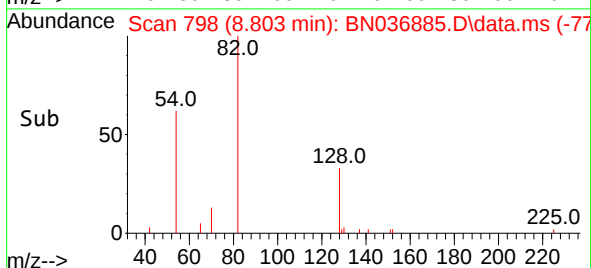
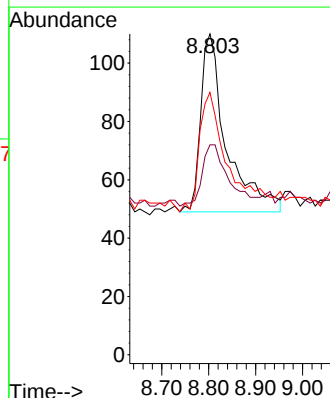
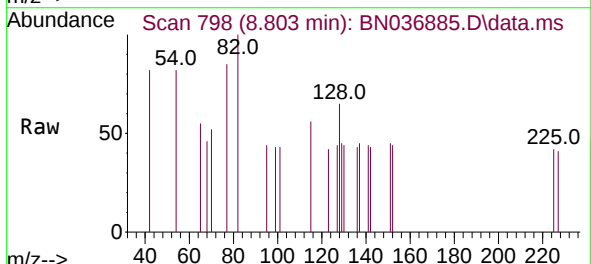
Instrument :
BNA_N
ClientSampleId :
PB167565BL

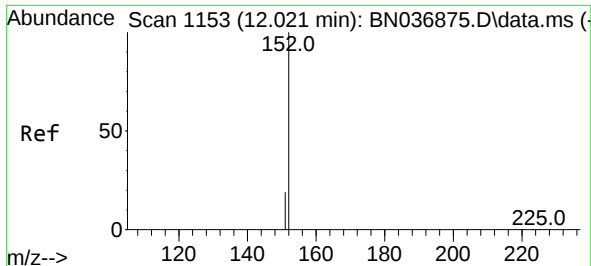
Tgt Ion:	136	Resp:	558
Ion	Ratio	Lower	Upper
136	100		
137	27.6	13.5	20.3#
54	31.0	12.8	19.2#
68	23.8	10.1	15.1#



#8
Nitrobenzene-d5
Concen: 0.378 ng
RT: 8.803 min Scan# 798
Delta R.T. 0.011 min
Lab File: BN036885.D
Acq: 11 Apr 2025 19:21

Tgt Ion:	82	Resp:	234
Ion	Ratio	Lower	Upper
82	100		
128	65.5	35.5	53.3#
54	81.8	56.2	84.4

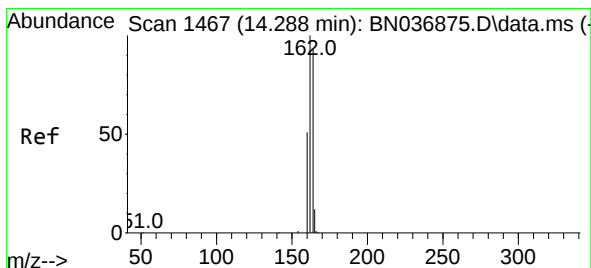
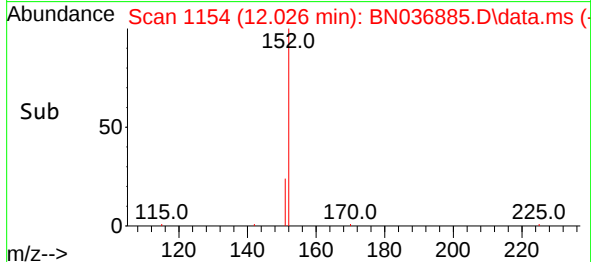
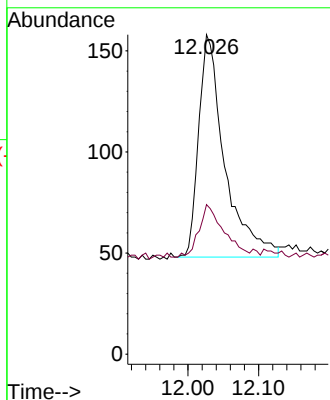
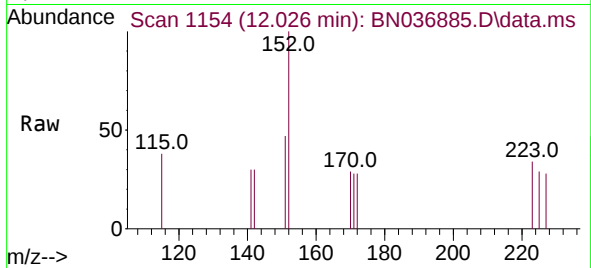




#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 12.026 min Scan# 1154
Delta R.T. 0.005 min
Lab File: BN036885.D
Acq: 11 Apr 2025 19:21

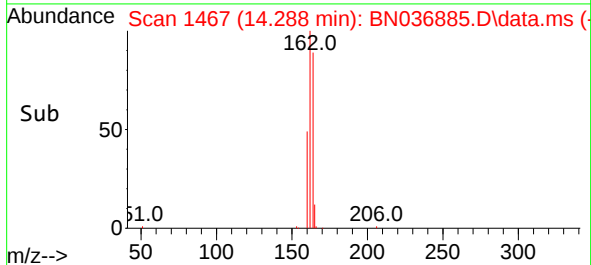
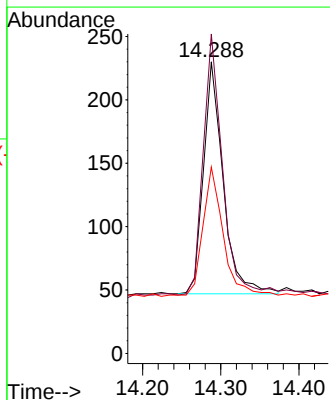
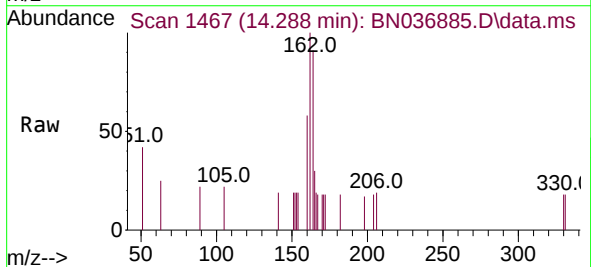
Instrument :
BNA_N
ClientSampleId :
PB167565BL

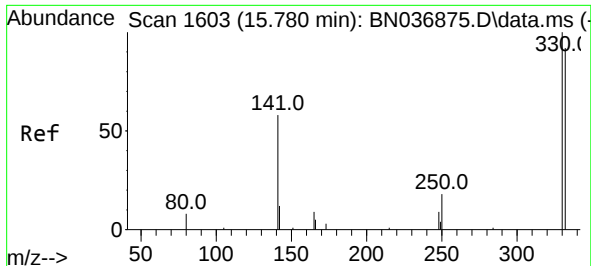
Tgt Ion:152 Resp: 282
Ion Ratio Lower Upper
152 100
151 22.3 17.8 26.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.288 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BN036885.D
Acq: 11 Apr 2025 19:21

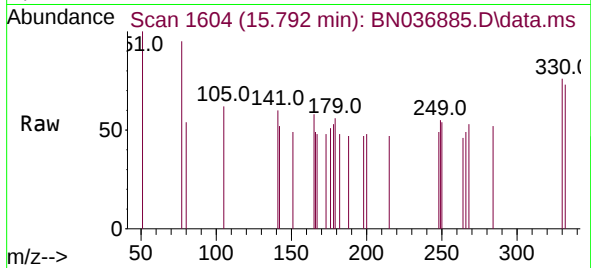
Tgt Ion:164 Resp: 321
Ion Ratio Lower Upper
164 100
162 109.6 85.7 128.5
160 63.9 46.9 70.3



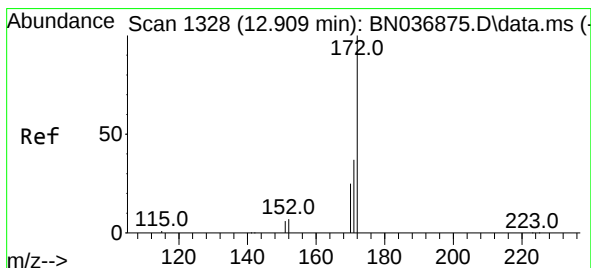
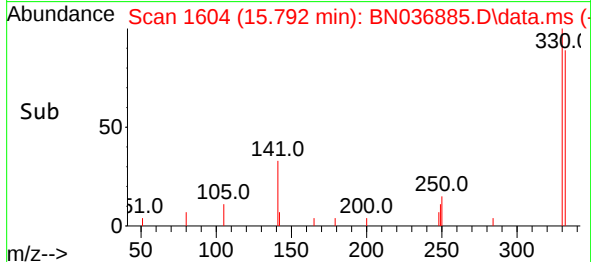
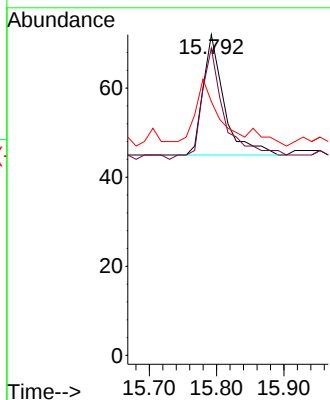


#14
2,4,6-Tribromophenol
Concen: 0.381 ng
RT: 15.792 min Scan# 1604
Delta R.T. 0.012 min
Lab File: BN036885.D
Acq: 11 Apr 2025 19:21

Instrument :
BNA_N
ClientSampleId :
PB167565BL

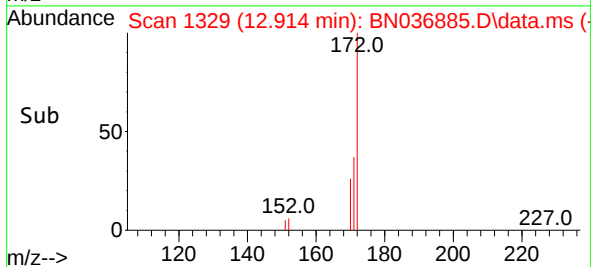
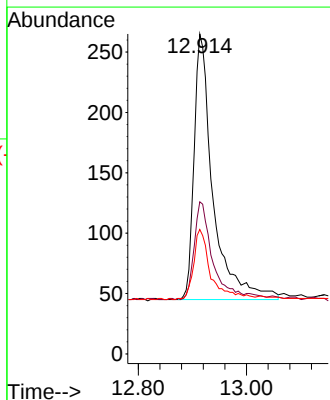
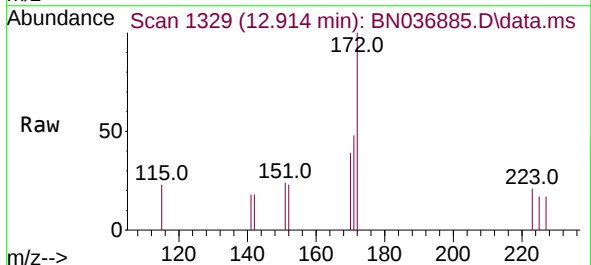


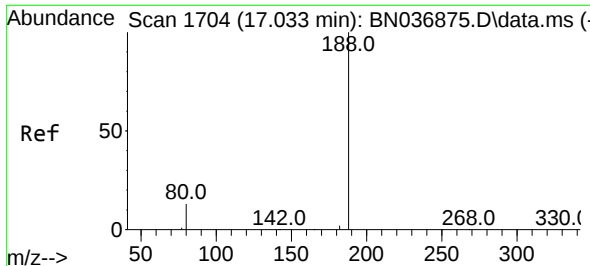
Tgt Ion:330 Resp: 59
Ion Ratio Lower Upper
330 100
332 106.8 87.0 130.6
141 52.5 45.3 67.9



#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.914 min Scan# 1329
Delta R.T. 0.005 min
Lab File: BN036885.D
Acq: 11 Apr 2025 19:21

Tgt Ion:172 Resp: 615
Ion Ratio Lower Upper
172 100
171 47.5 32.7 49.1
170 38.9 23.3 34.9#

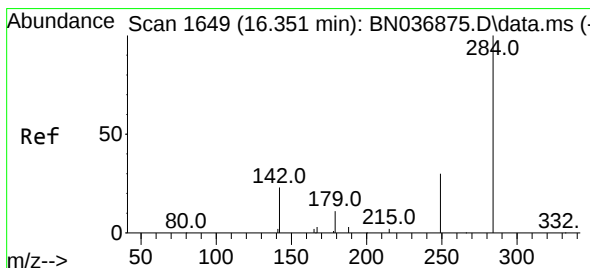
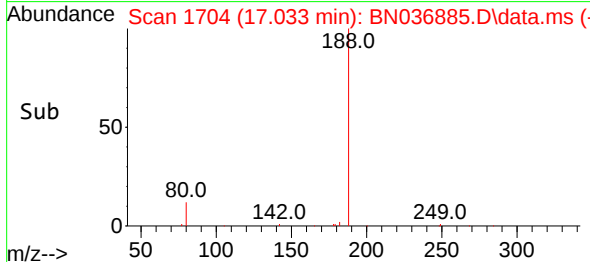
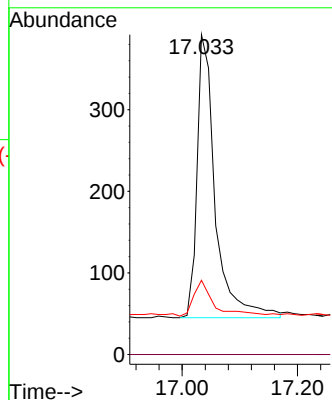
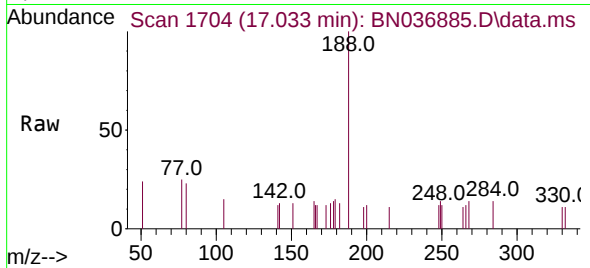




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.033 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN036885.D
Acq: 11 Apr 2025 19:21

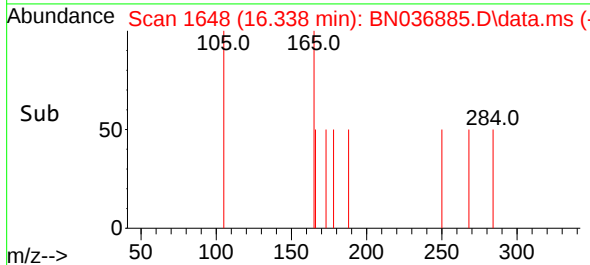
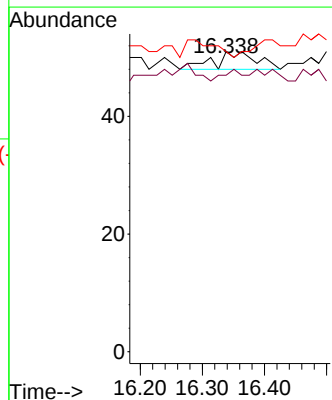
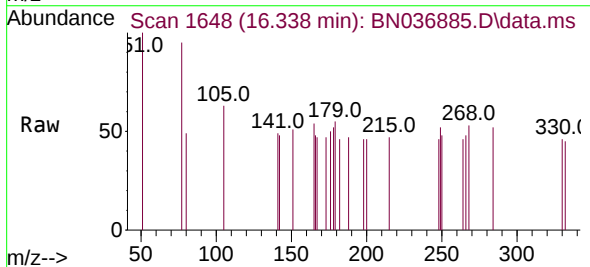
Instrument :
BNA_N
ClientSampleId :
PB167565BL

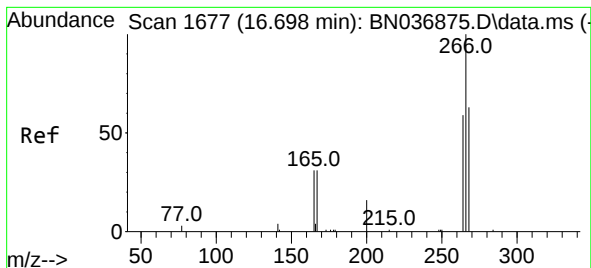
Tgt Ion:188 Resp: 761
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 23.2 13.9 20.9#



#22
Hexachlorobenzene
Concen: 0.026 ng
RT: 16.338 min Scan# 1648
Delta R.T. -0.012 min
Lab File: BN036885.D
Acq: 11 Apr 2025 19:21

Tgt Ion:284 Resp: 14
Ion Ratio Lower Upper
284 100
142 28.6 37.7 56.5#
249 0.0 29.0 43.6#





#24

Pentachlorophenol

Concen: 0.053 ng

RT: 16.698 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN036885.D

Acq: 11 Apr 2025 19:21

Instrument :

BNA_N

ClientSampleId :

PB167565BL

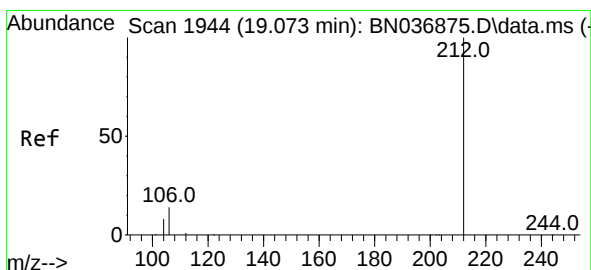
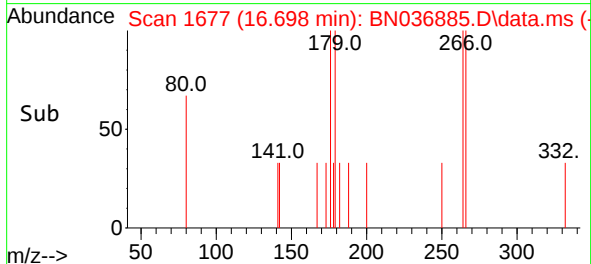
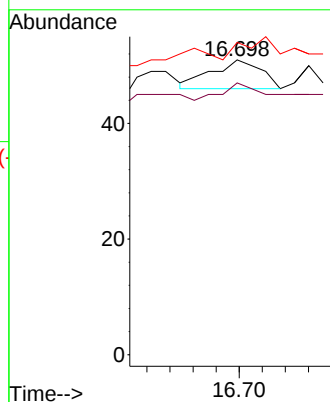
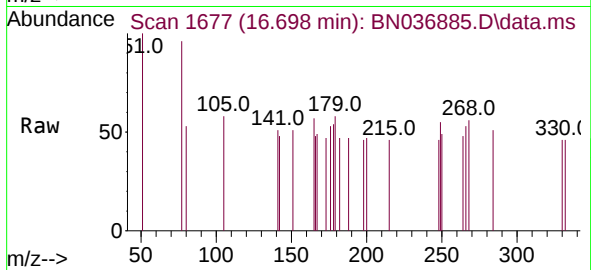
Tgt Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

264 46.7 44.6 66.8

268 0.0 51.8 77.6#



#27

Fluoranthene-d10

Concen: 0.455 ng

RT: 19.073 min Scan# 1944

Delta R.T. -0.000 min

Lab File: BN036885.D

Acq: 11 Apr 2025 19:21

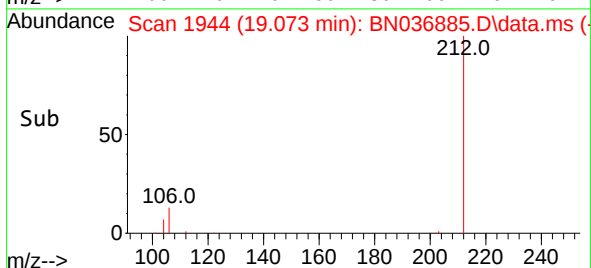
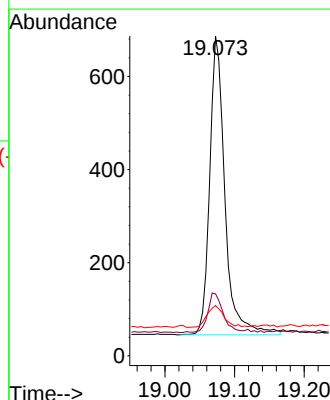
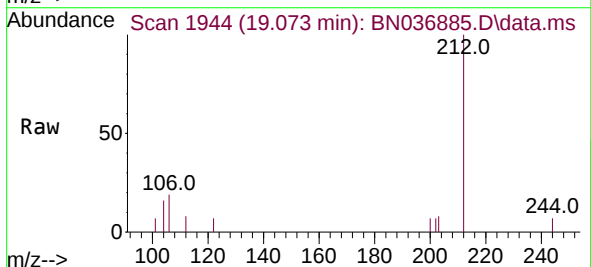
Tgt Ion:212 Resp: 976

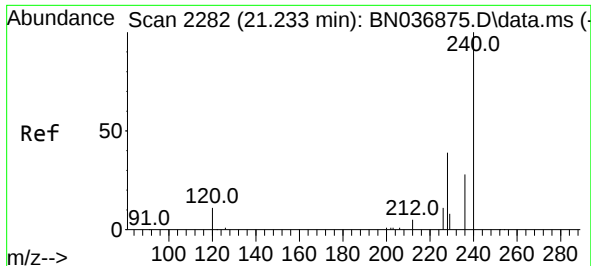
Ion Ratio Lower Upper

212 100

106 13.2 11.2 16.8

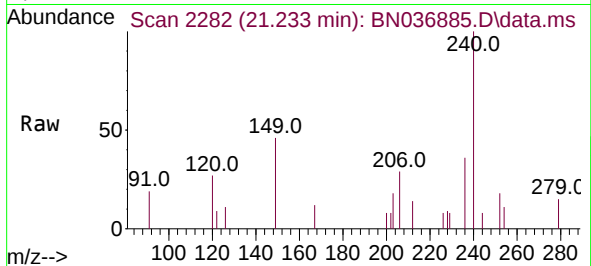
104 8.1 7.5 11.3



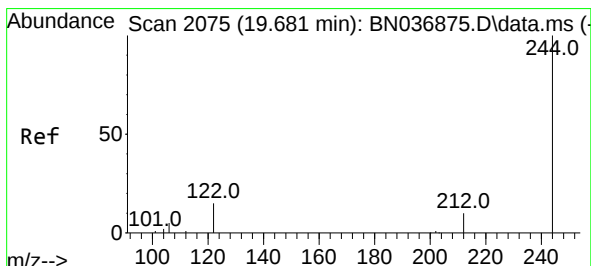
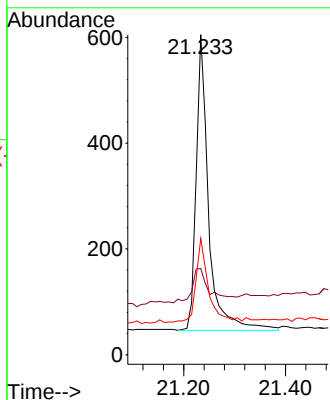
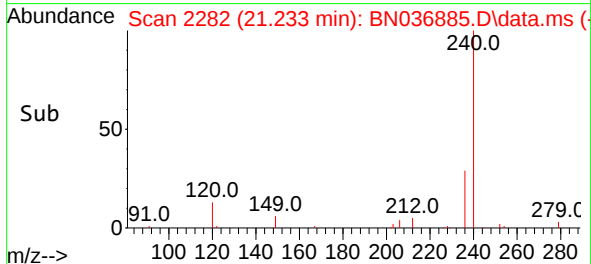


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036885.D
Acq: 11 Apr 2025 19:21

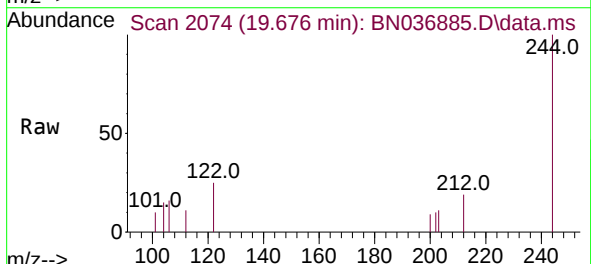
Instrument :
BNA_N
ClientSampleId :
PB167565BL



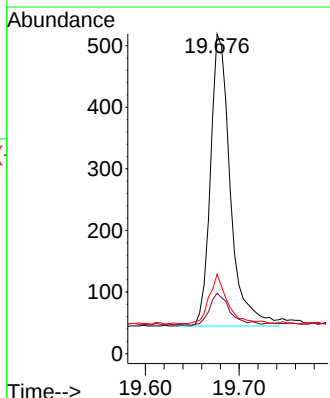
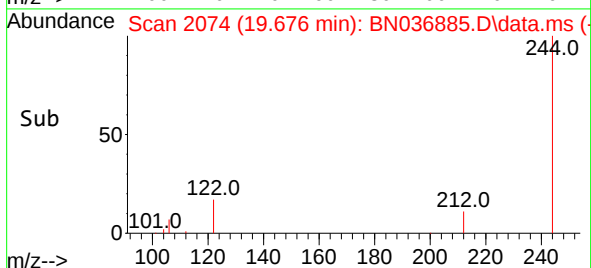
Tgt Ion:240 Resp: 945
Ion Ratio Lower Upper
240 100
120 26.9 15.8 23.6#
236 36.4 25.8 38.8

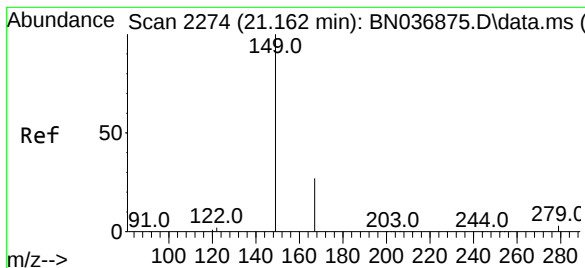


#31
Terphenyl-d14
Concen: 0.387 ng
RT: 19.676 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BN036885.D
Acq: 11 Apr 2025 19:21



Tgt Ion:244 Resp: 695
Ion Ratio Lower Upper
244 100
212 18.9 11.6 17.4#
122 24.9 14.9 22.3#

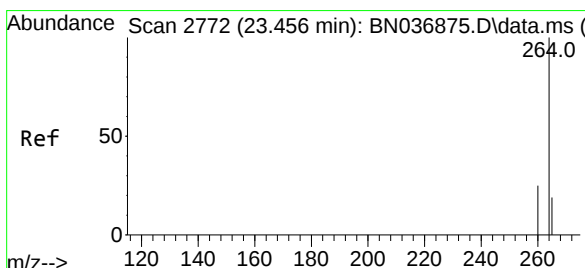
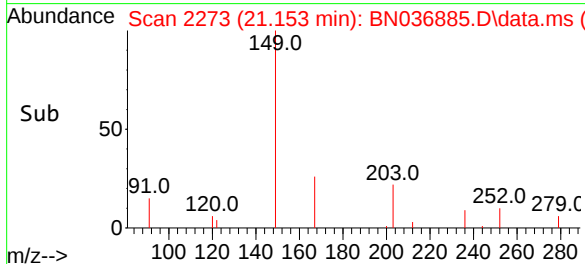
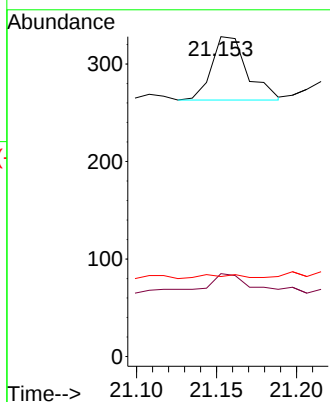
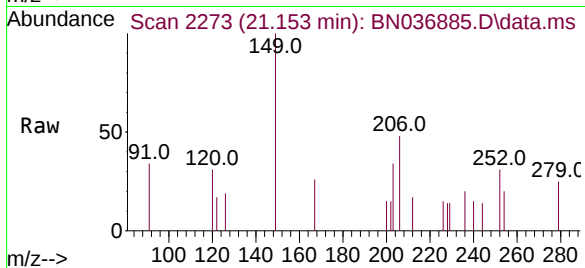




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.041 ng
 RT: 21.153 min Scan# 211
 Delta R.T. -0.009 min
 Lab File: BN036885.D
 Acq: 11 Apr 2025 19:21

Instrument :
 BNA_N
 ClientSampleId :
 PB167565BL

Tgt Ion:149 Resp: 101
 Ion Ratio Lower Upper
 149 100
 167 40.6 21.0 31.4#
 279 5.9 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: BN036885.D
 Acq: 11 Apr 2025 19:21

Tgt Ion:264 Resp: 1194
 Ion Ratio Lower Upper
 264 100
 260 31.1 22.9 34.3
 265 151.4 88.6 132.8#

