

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
 Data File : BN035850.D
 Acq On : 26 Dec 2024 13:07
 Operator : RC/JU
 Sample : P5374-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-190A-GW-718-720

Quant Time: Dec 27 00:40:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

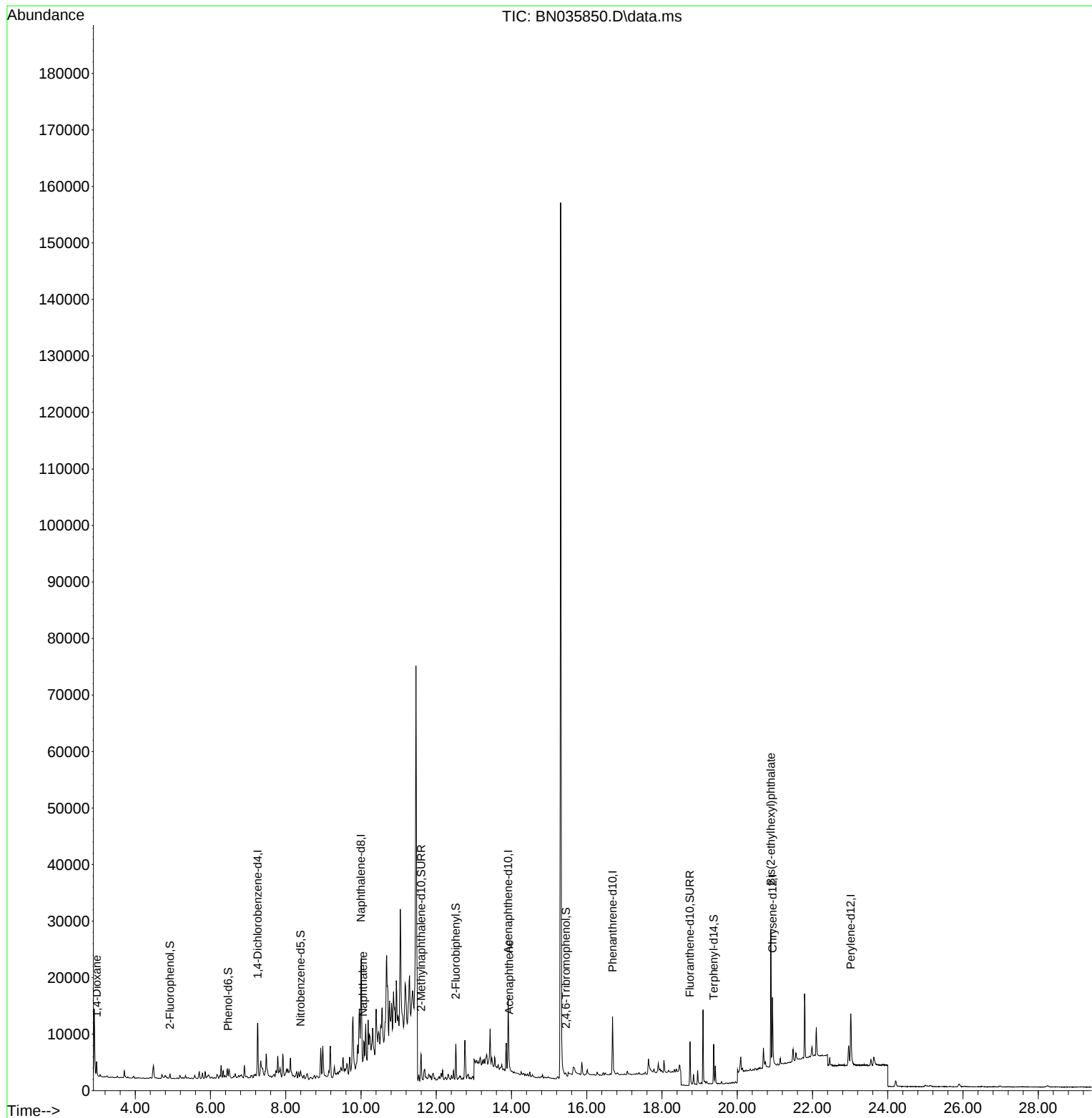
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.257	152	3717	0.400	ng	-0.01
7) Naphthalene-d8	9.999	136	9841	0.400	ng	#-0.02
13) Acenaphthene-d10	13.914	164	7032	0.400	ng	-0.02
19) Phenanthrene-d10	16.686	188	14733	0.400	ng	#-0.01
29) Chrysene-d12	20.938	240	12545	0.400	ng	#-0.02
35) Perylene-d12	23.018	264	12258	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	452	0.049	ng	-0.01
5) Phenol-d6	6.470	99	406	0.036	ng	-0.02
8) Nitrobenzene-d5	8.397	82	1782	0.296	ng	-0.01
11) 2-Methylnaphthalene-d10	11.600	152	4322	0.281	ng	-0.02
14) 2,4,6-Tribromophenol	15.443	330	397	0.080	ng	-0.01
15) 2-Fluorobiphenyl	12.518	172	5672	0.213	ng	-0.03
27) Fluoranthene-d10	18.743	212	9176	0.220	ng	-0.02
31) Terphenyl-d14	19.375	244	7214	0.292	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	1795	0.505	ng	# 95
9) Naphthalene	10.052	128	750	0.029	ng	# 60
17) Acenaphthene	13.935	154	618	0.032	ng	# 64
34) Bis(2-ethylhexyl)phtha...	20.893	149	19704	1.137	ng	# 98

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

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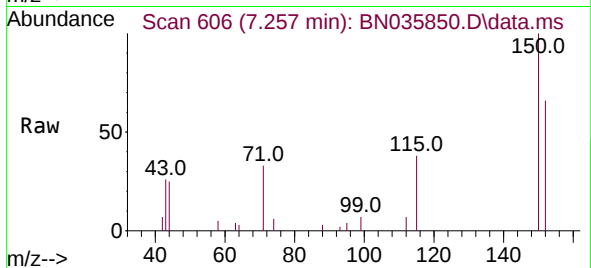
Quant Time: Dec 27 00:40:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
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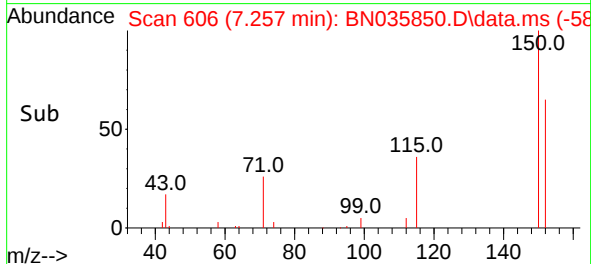
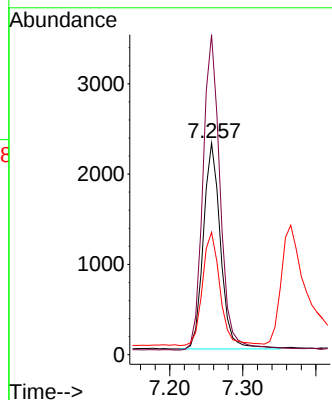


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.257 min Scan# 60
Delta R.T. -0.015 min
Lab File: BN035850.D
Acq: 26 Dec 2024 13:07

Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-718-720

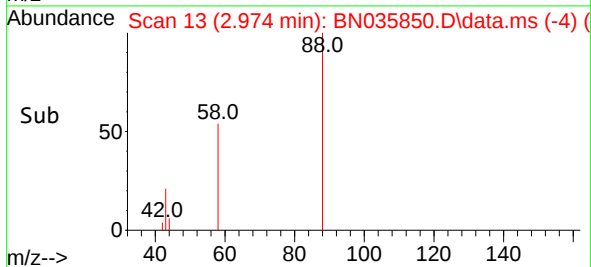
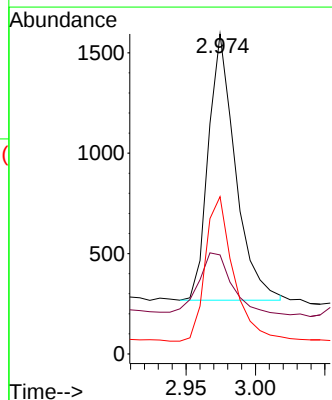
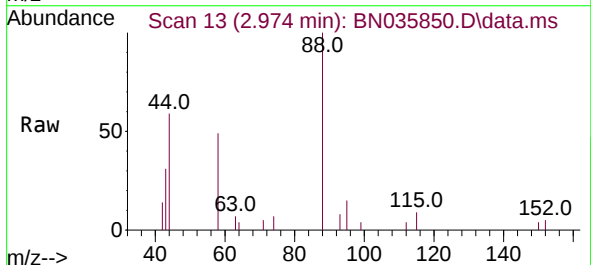


Tgt Ion:152 Resp: 3717
Ion Ratio Lower Upper
152 100
150 151.2 124.0 186.0
115 57.8 49.6 74.4



#2
1,4-Dioxane
Concen: 0.505 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.008 min
Lab File: BN035850.D
Acq: 26 Dec 2024 13:07

Tgt Ion: 88 Resp: 1795
Ion Ratio Lower Upper
88 100
43 27.9 17.2 25.8#
58 56.4 44.5 66.7

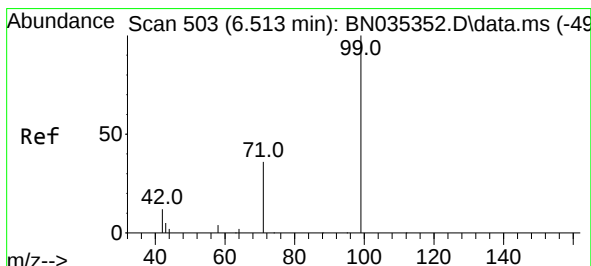
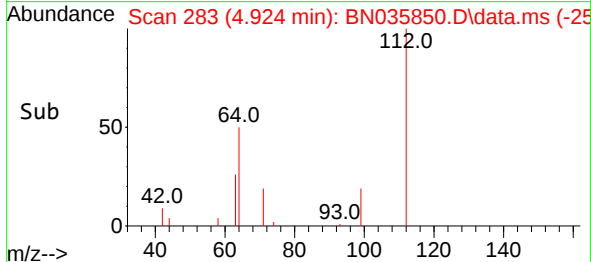
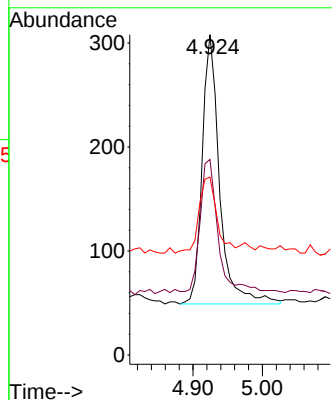
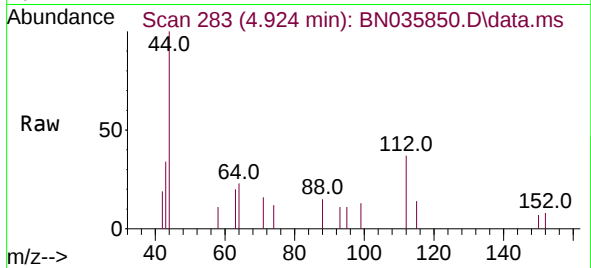




#4
2-Fluorophenol
Concen: 0.049 ng
RT: 4.924 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN035850.D
Acq: 26 Dec 2024 13:07

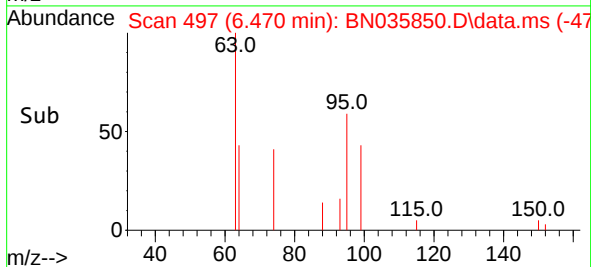
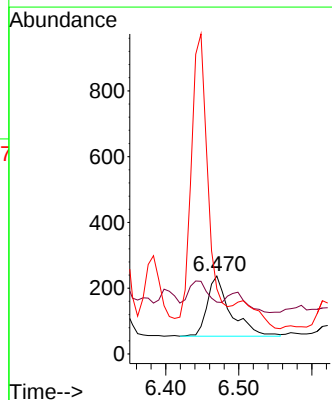
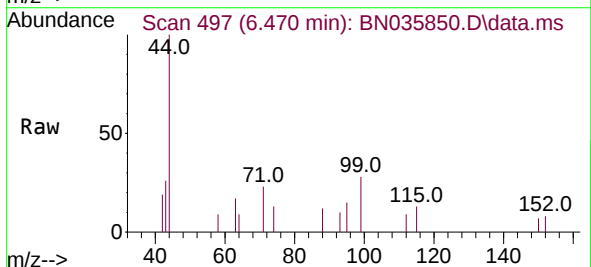
Instrument :
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ClientSampleId :
BP-VPB-190A-GW-718-720

Tgt Ion:112 Resp: 452
Ion Ratio Lower Upper
112 100
64 50.9 39.8 59.8
63 26.5 21.0 31.6



#5
Phenol-d6
Concen: 0.036 ng
RT: 6.470 min Scan# 497
Delta R.T. -0.022 min
Lab File: BN035850.D
Acq: 26 Dec 2024 13:07

Tgt Ion: 99 Resp: 406
Ion Ratio Lower Upper
99 100
42 0.0 11.4 17.2#
71 0.0 29.3 43.9#

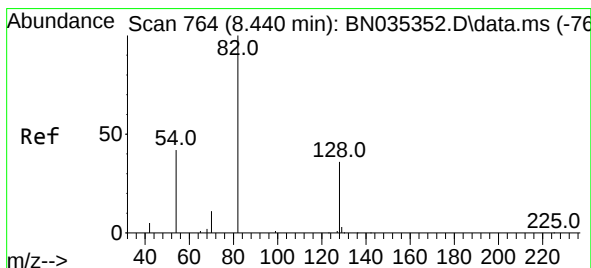
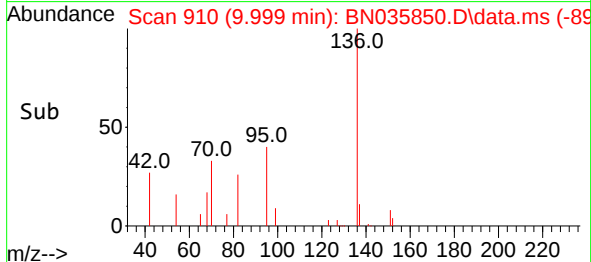
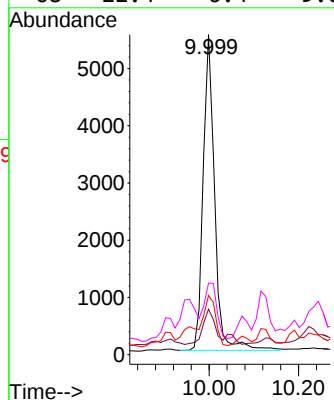
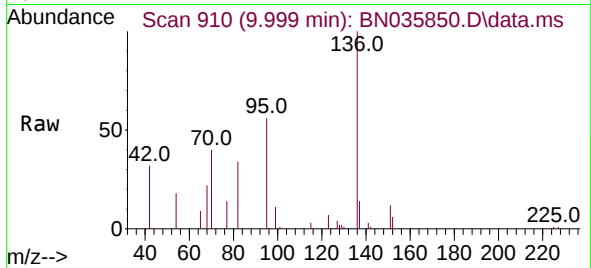




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 9.999 min Scan# 915
Delta R.T. -0.021 min
Lab File: BN035850.D
Acq: 26 Dec 2024 13:07

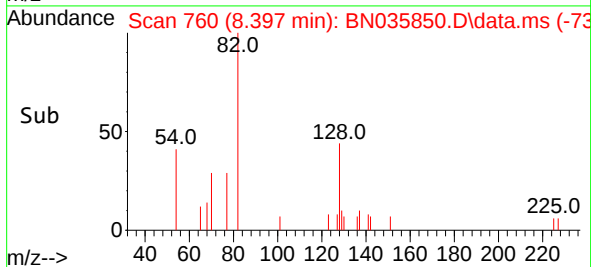
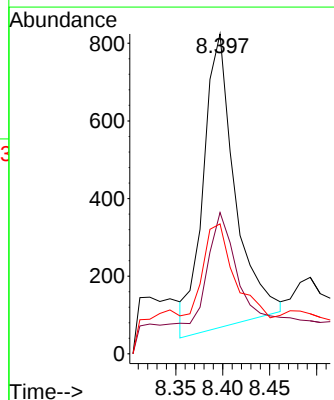
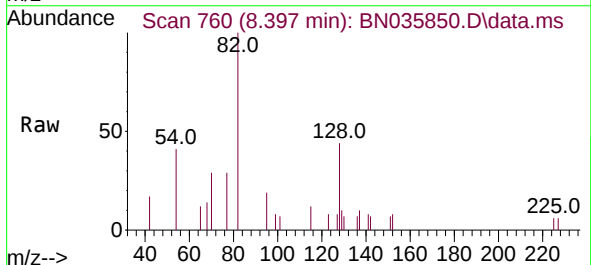
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-718-720

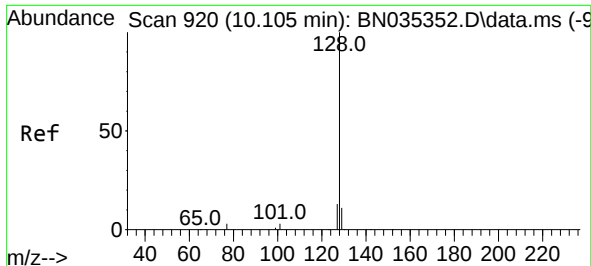
Tgt Ion:136	Resp:	9841
Ion Ratio	Lower	Upper
136	100	
137	14.2	10.2 15.2
54	18.5	6.1 9.1#
68	22.4	6.4 9.6#



#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 8.397 min Scan# 760
Delta R.T. -0.011 min
Lab File: BN035850.D
Acq: 26 Dec 2024 13:07

Tgt Ion: 82	Resp:	1782
Ion Ratio	Lower	Upper
82	100	
128	44.2	33.4 50.0
54	40.7	36.7 55.1

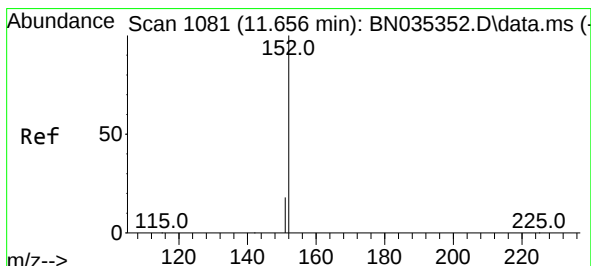
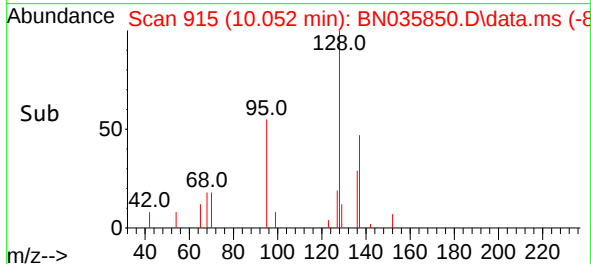
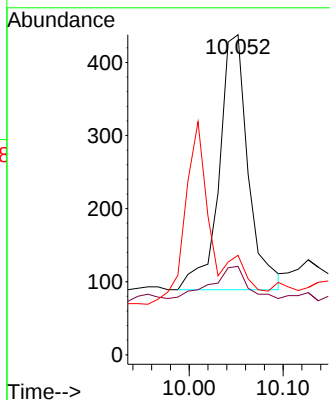
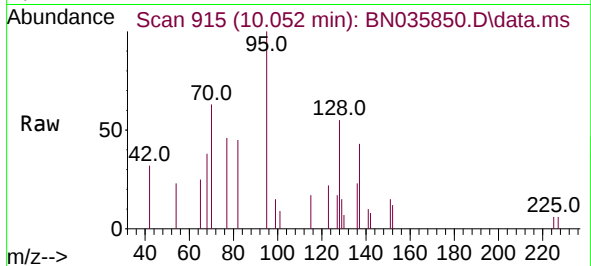




#9
Naphthalene
Concen: 0.029 ng
RT: 10.052 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN035850.D
Acq: 26 Dec 2024 13:07

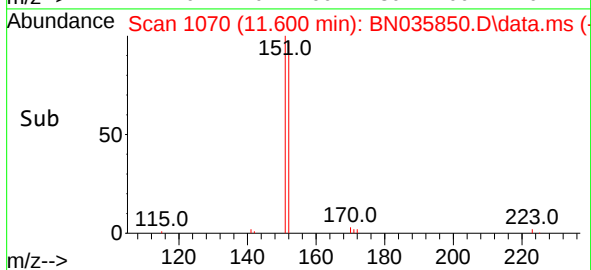
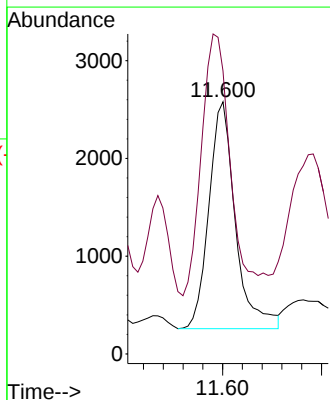
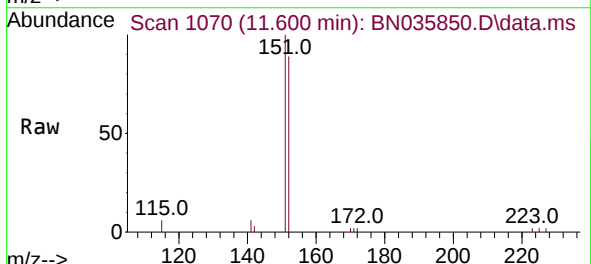
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-718-720

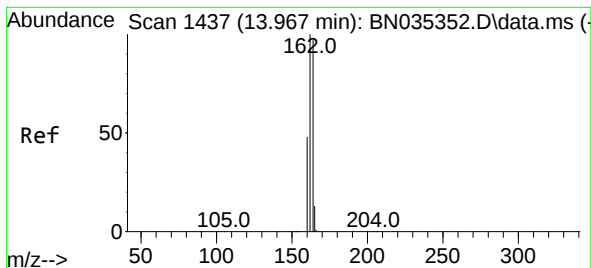
Tgt Ion:128 Resp: 750
Ion Ratio Lower Upper
128 100
129 27.6 9.8 14.6#
127 31.1 11.4 17.2#



#11
2-Methylnaphthalene-d10
Concen: 0.281 ng
RT: 11.600 min Scan# 1070
Delta R.T. -0.020 min
Lab File: BN035850.D
Acq: 26 Dec 2024 13:07

Tgt Ion:152 Resp: 4322
Ion Ratio Lower Upper
152 100
151 126.7 16.6 25.0#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.914 min Scan# 14

Delta R.T. -0.021 min

Lab File: BN035850.D

Acq: 26 Dec 2024 13:07

Instrument :

BNA_N

ClientSampleId :

BP-VPB-190A-GW-718-720

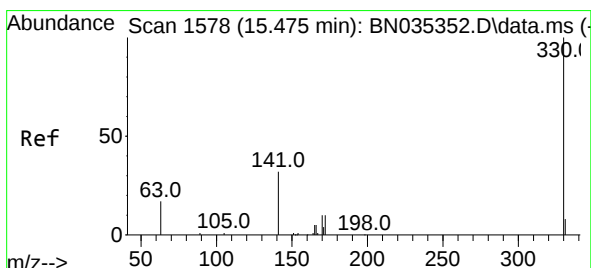
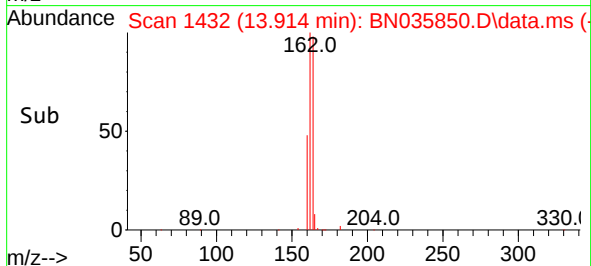
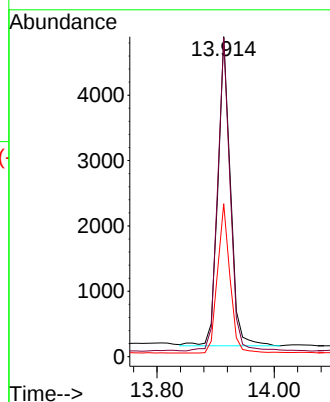
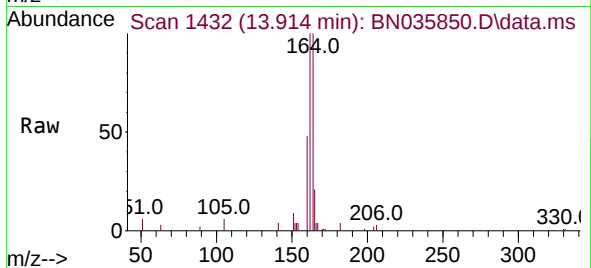
Tgt Ion:164 Resp: 7032

Ion Ratio Lower Upper

164 100

162 99.7 82.2 123.2

160 47.8 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.080 ng

RT: 15.443 min Scan# 1575

Delta R.T. -0.011 min

Lab File: BN035850.D

Acq: 26 Dec 2024 13:07

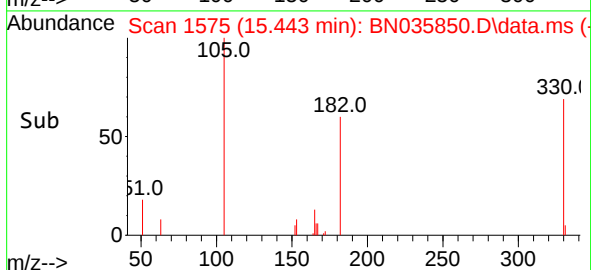
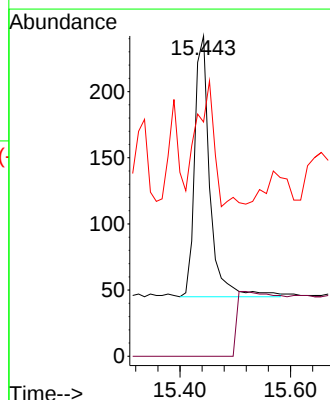
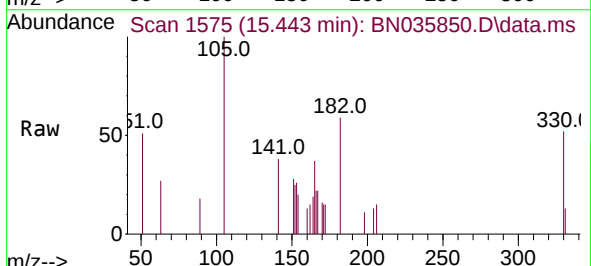
Tgt Ion:330 Resp: 397

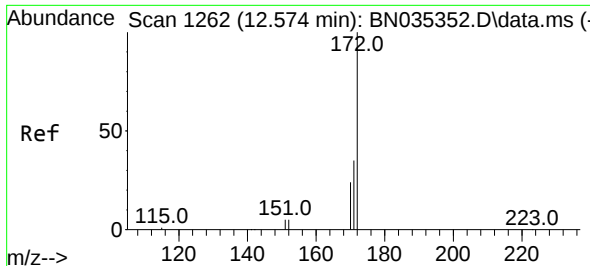
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 46.9 26.6 40.0#

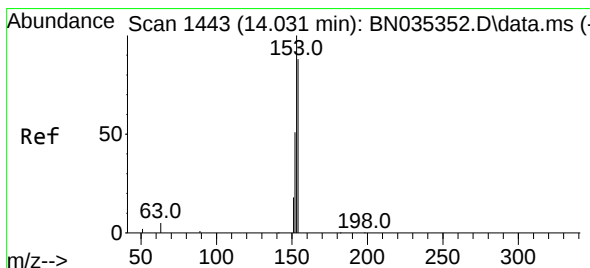
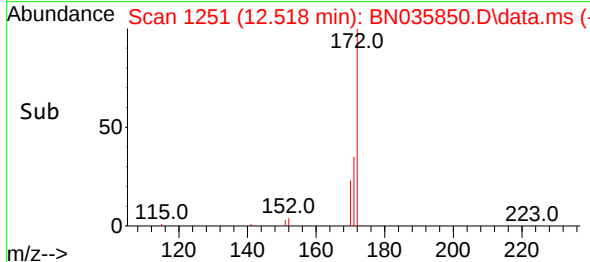
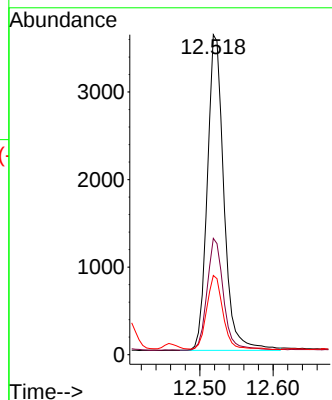
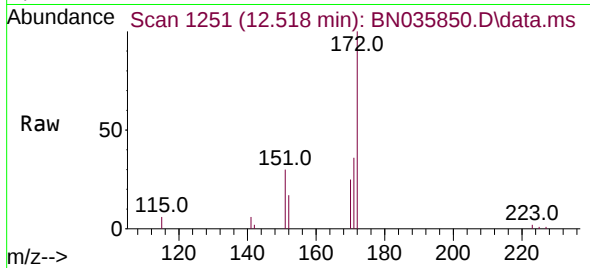




#15
2-Fluorobiphenyl
Concen: 0.213 ng
RT: 12.518 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN035850.D
Acq: 26 Dec 2024 13:07

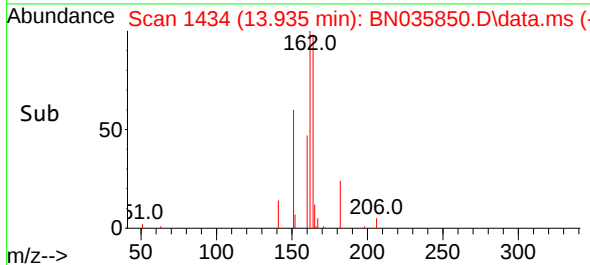
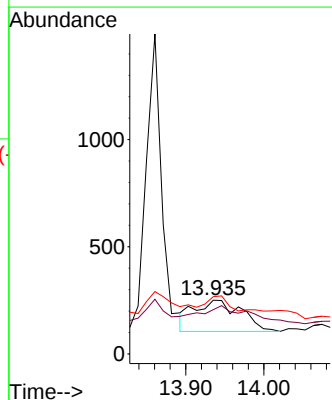
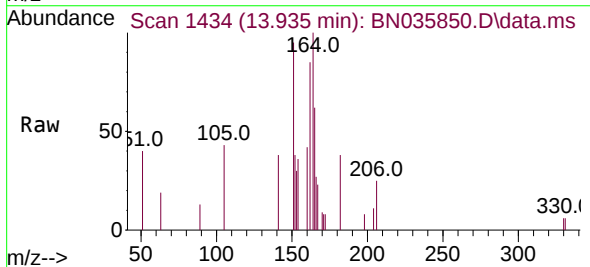
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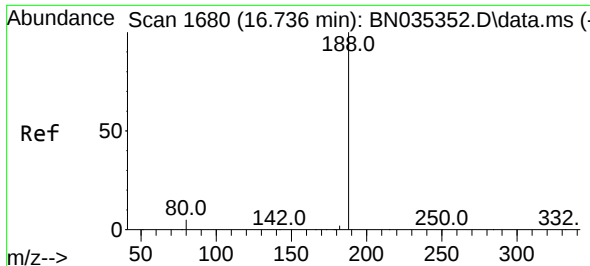
Tgt Ion:172 Resp: 5672
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.4
170 24.7 19.8 29.8



#17
Acenaphthene
Concen: 0.032 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.064 min
Lab File: BN035850.D
Acq: 26 Dec 2024 13:07

Tgt Ion:154 Resp: 618
Ion Ratio Lower Upper
154 100
153 59.9 92.6 139.0#
152 56.0 49.0 73.6

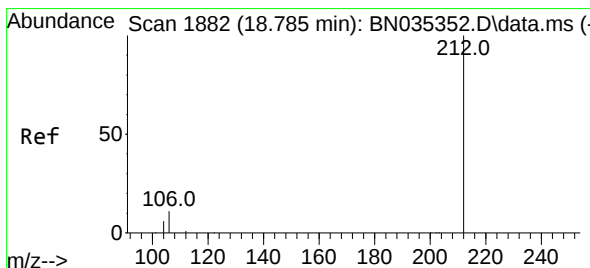
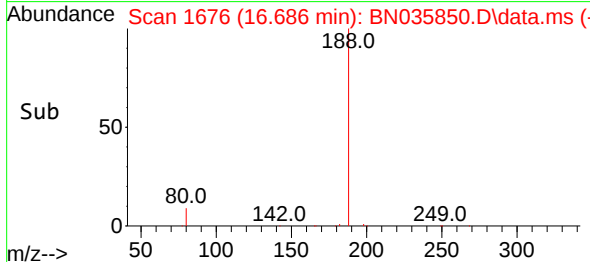
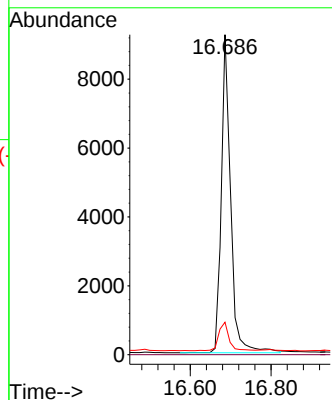
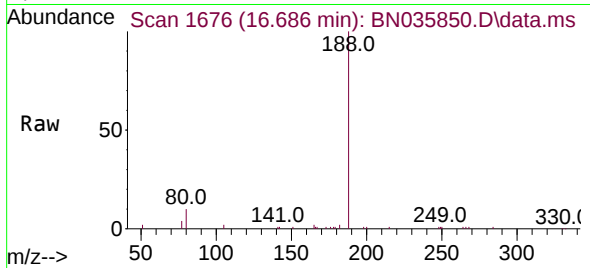




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.686 min Scan# 1676
Delta R.T. -0.012 min
Lab File: BN035850.D
Acq: 26 Dec 2024 13:07

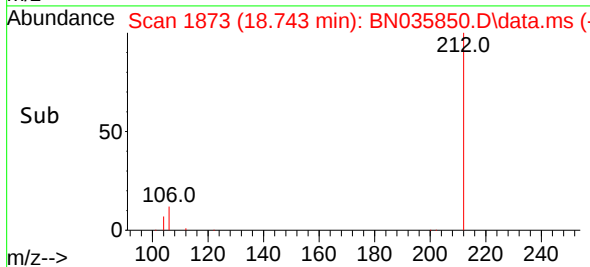
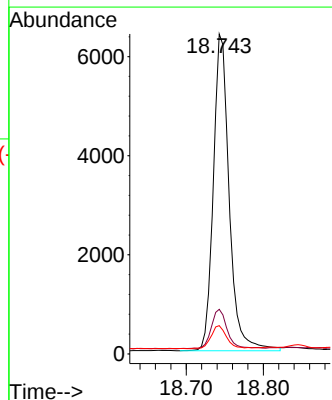
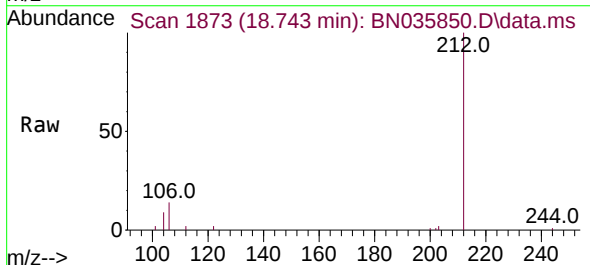
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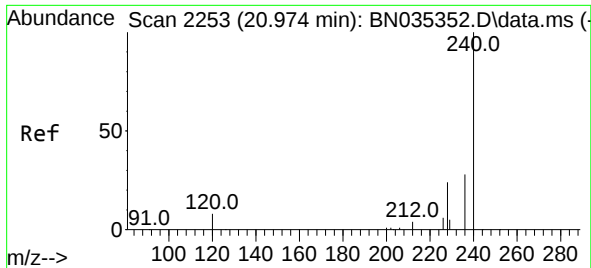
Tgt Ion:188 Resp: 14733
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 4.6 6.8#



#27
Fluoranthene-d10
Concen: 0.220 ng
RT: 18.743 min Scan# 1873
Delta R.T. -0.019 min
Lab File: BN035850.D
Acq: 26 Dec 2024 13:07

Tgt Ion:212 Resp: 9176
Ion Ratio Lower Upper
212 100
106 12.6 9.2 13.8
104 7.2 5.3 7.9

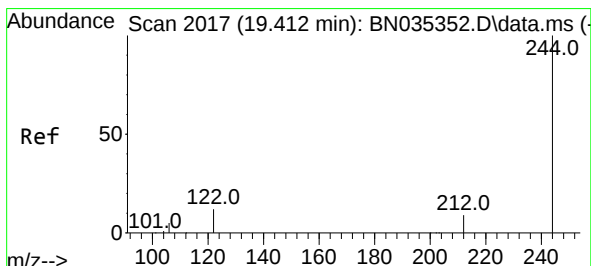
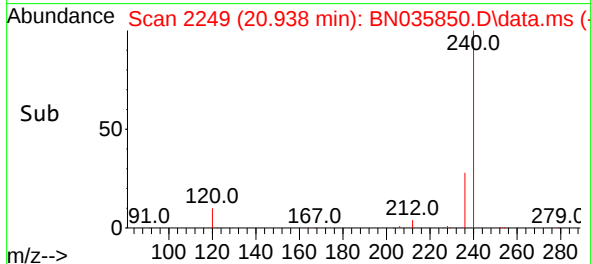
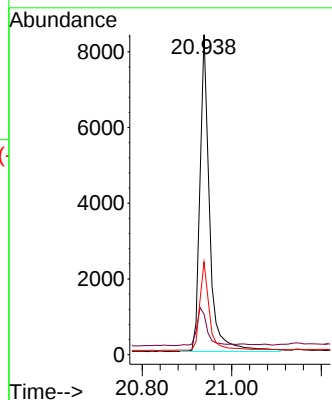
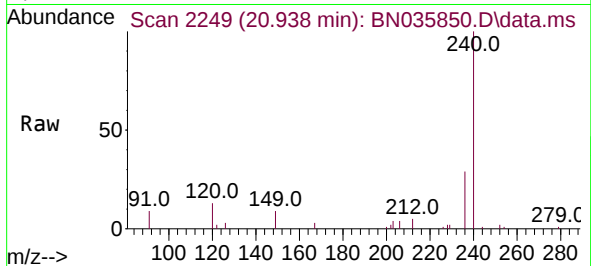




#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.938 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN035850.D
Acq: 26 Dec 2024 13:07

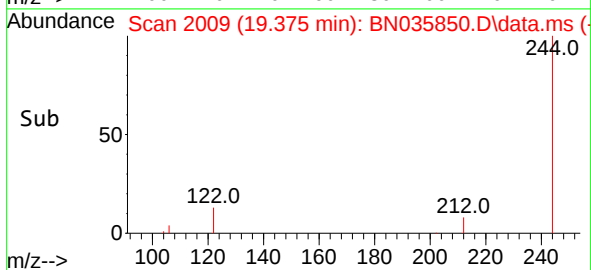
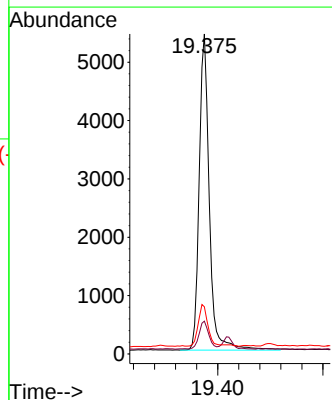
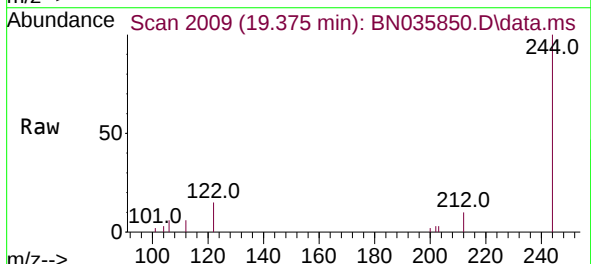
Instrument :
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ClientSampleId :
BP-VPB-190A-GW-718-720

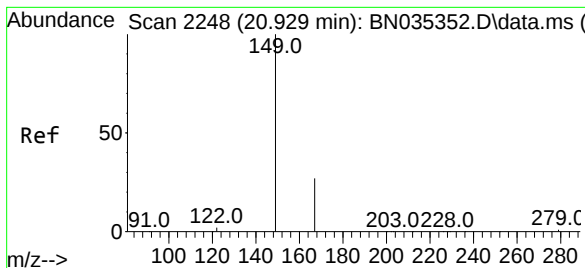
Tgt Ion:240 Resp: 12545
Ion Ratio Lower Upper
240 100
120 12.7 7.9 11.9#
236 29.0 22.9 34.3



#31
Terphenyl-d14
Concen: 0.292 ng
RT: 19.375 min Scan# 2009
Delta R.T. -0.014 min
Lab File: BN035850.D
Acq: 26 Dec 2024 13:07

Tgt Ion:244 Resp: 7214
Ion Ratio Lower Upper
244 100
212 10.3 8.1 12.1
122 14.7 10.3 15.5

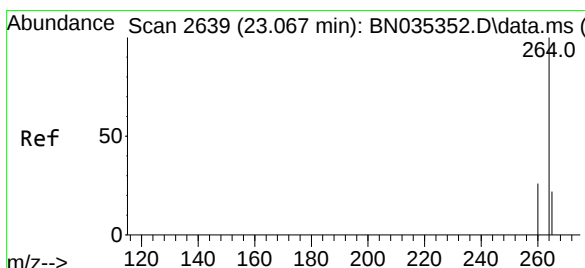
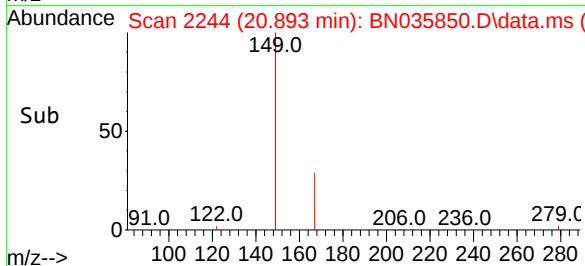
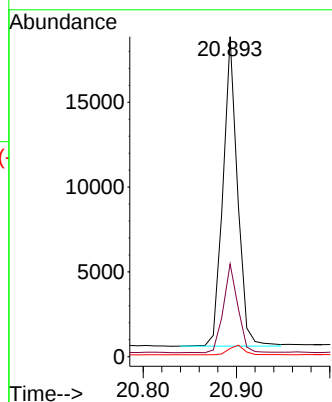
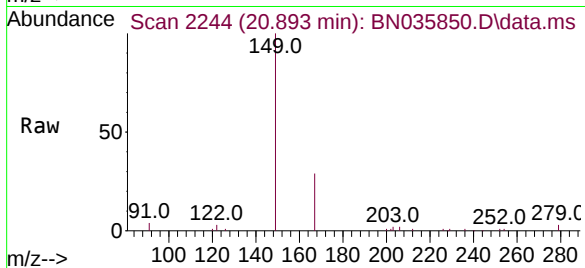




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.137 ng
 RT: 20.893 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN035850.D
 Acq: 26 Dec 2024 13:07

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-190A-GW-718-720

Tgt Ion:149 Resp: 19704
 Ion Ratio Lower Upper
 149 100
 167 28.9 22.2 33.4
 279 3.3 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.018 min Scan# 2622
 Delta R.T. -0.023 min
 Lab File: BN035850.D
 Acq: 26 Dec 2024 13:07

Tgt Ion:264 Resp: 12258
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.4 32.2
 265 62.5 40.2 60.4#

