

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022025\
 Data File : BN036476.D
 Acq On : 20 Feb 2025 12:00
 Operator : RC/JU
 Sample : Q1380-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-780-782

Quant Time: Feb 21 00:10:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

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

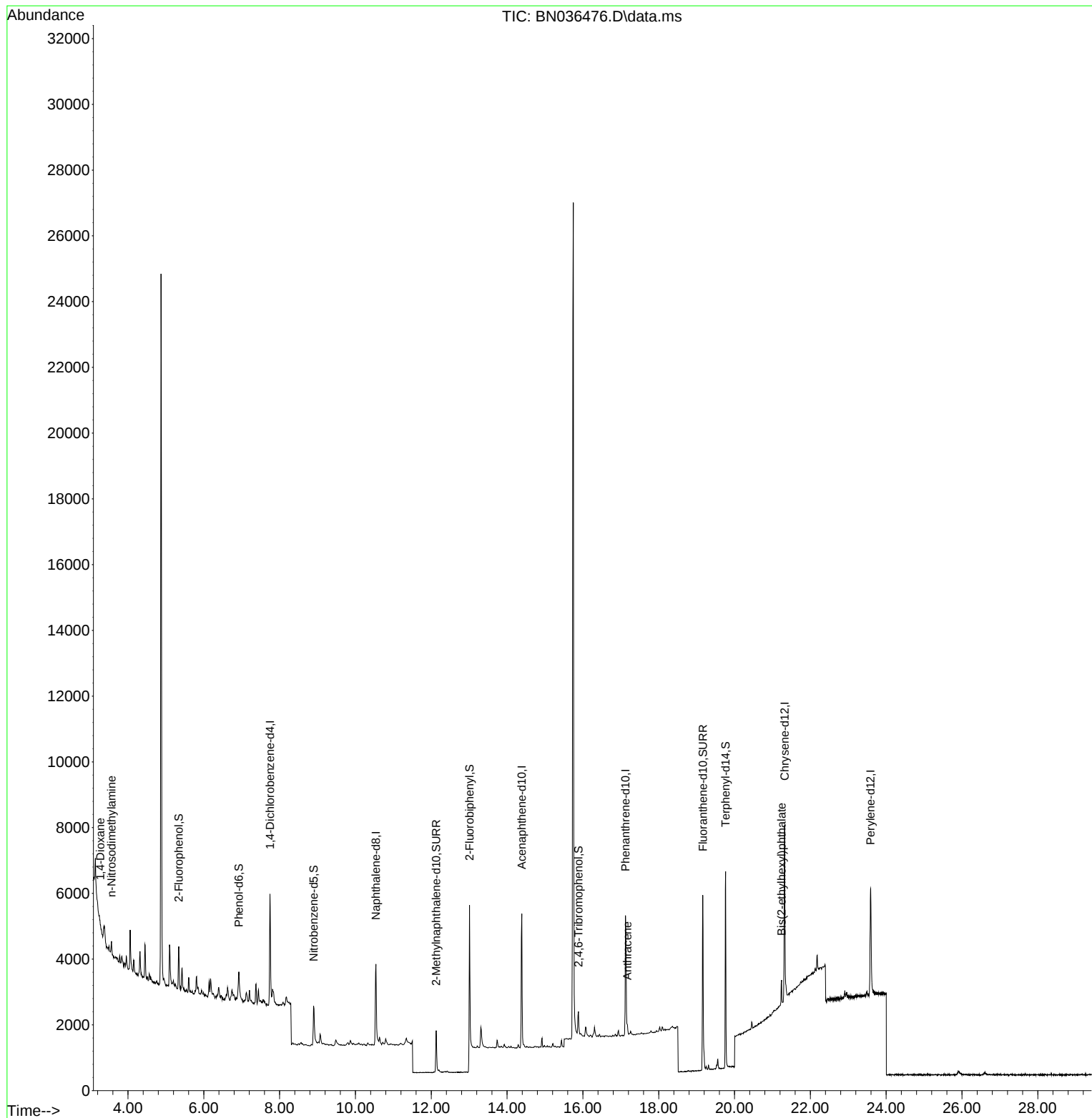
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	1676	0.400	ng	0.00
7) Naphthalene-d8	10.541	136	3840	0.400	ng	# 0.00
13) Acenaphthene-d10	14.388	164	2412	0.400	ng	0.00
19) Phenanthrene-d10	17.124	188	5513	0.400	ng	#-0.01
29) Chrysene-d12	21.322	240	5354	0.400	ng	0.00
35) Perylene-d12	23.590	264	4859	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	978	0.247	ng	0.00
5) Phenol-d6	6.923	99	814	0.175	ng	-0.01
8) Nitrobenzene-d5	8.897	82	1381	0.364	ng	-0.01
11) 2-Methylnaphthalene-d10	12.131	152	2066	0.350	ng	-0.01
14) 2,4,6-Tribromophenol	15.883	330	429	0.359	ng	0.00
15) 2-Fluorobiphenyl	13.009	172	4271	0.471	ng	-0.01
27) Fluoranthene-d10	19.164	212	6346	0.414	ng	0.00
31) Terphenyl-d14	19.764	244	5755	0.504	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.268	88	98	0.053	ng	# 38
3) n-Nitrosodimethylamine	3.564	42	128	0.040	ng	# 1
26) Anthracene	17.173	178	312	0.022	ng	95
34) Bis(2-ethylhexyl)phtha...	21.241	149	756	0.069	ng	97

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

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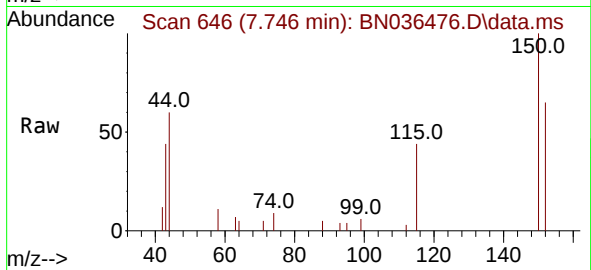
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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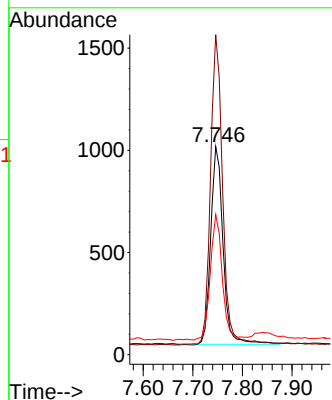
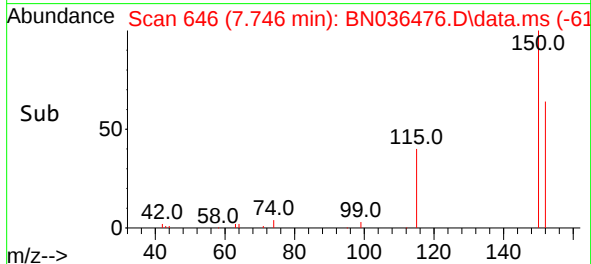


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.746 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036476.D
 Acq: 20 Feb 2025 12:00

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-780-782

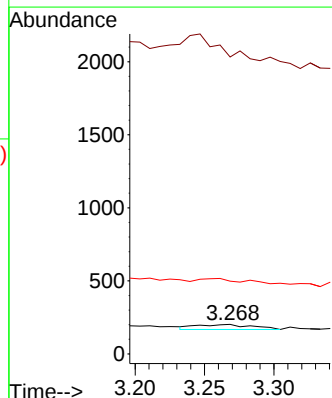
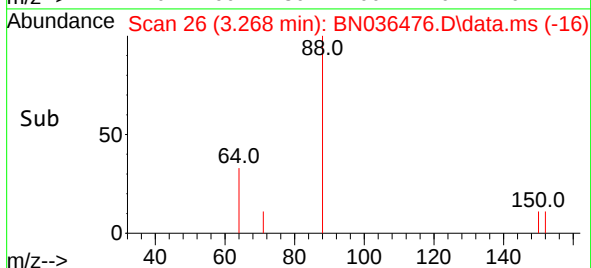
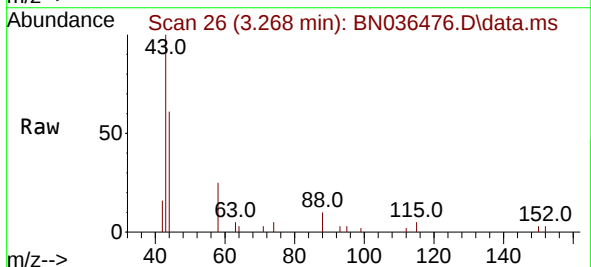


Tgt Ion:152 Resp: 1676
 Ion Ratio Lower Upper
 152 100
 150 153.7 123.7 185.5
 115 67.3 52.5 78.7



#2
 1,4-Dioxane
 Concen: 0.053 ng
 RT: 3.268 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN036476.D
 Acq: 20 Feb 2025 12:00

Tgt Ion: 88 Resp: 98
 Ion Ratio Lower Upper
 88 100
 43 0.0 33.7 50.5#
 58 31.6 68.9 103.3#

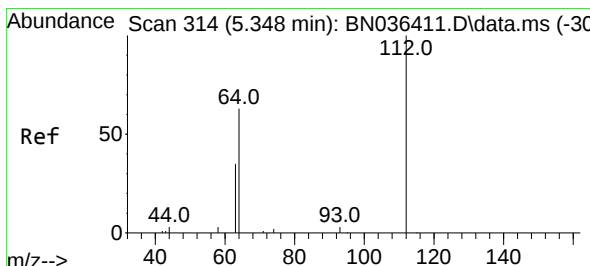
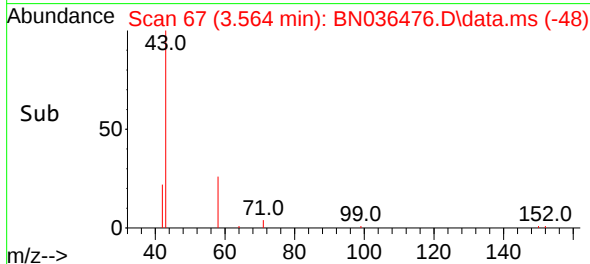
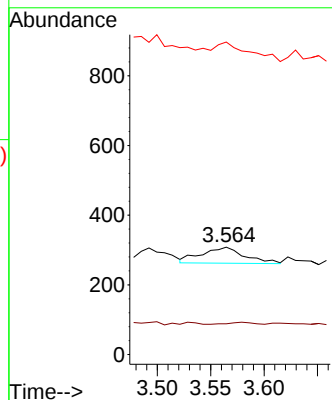
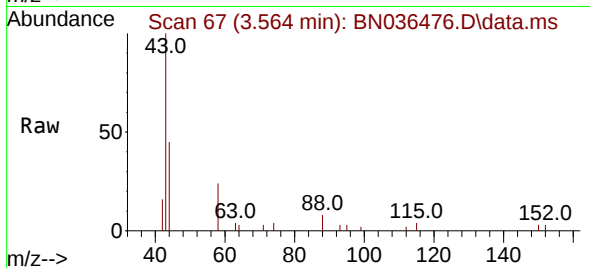




#3
 n-Nitrosodimethylamine
 Concen: 0.040 ng
 RT: 3.564 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN036476.D
 Acq: 20 Feb 2025 12:00

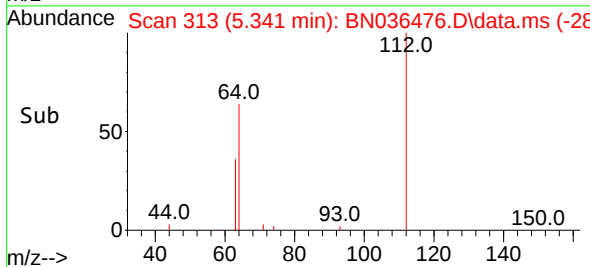
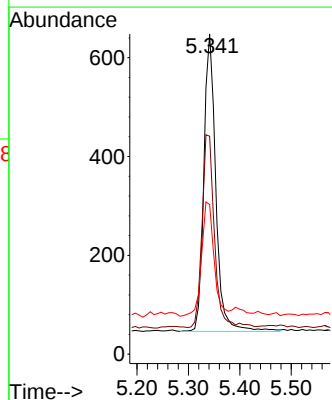
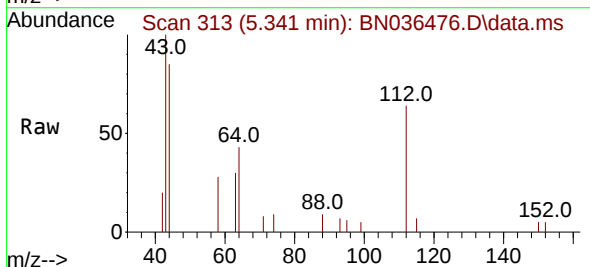
Instrument :
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 ClientSampleId :
 BP-VPB-192-GW-780-782

Tgt Ion: 42 Resp: 128
 Ion Ratio Lower Upper
 42 100
 74 5.5 71.8 107.6#
 44 89.1 7.8 11.6#



#4
 2-Fluorophenol
 Concen: 0.247 ng
 RT: 5.341 min Scan# 313
 Delta R.T. -0.007 min
 Lab File: BN036476.D
 Acq: 20 Feb 2025 12:00

Tgt Ion: 112 Resp: 978
 Ion Ratio Lower Upper
 112 100
 64 66.9 53.4 80.0
 63 39.8 30.3 45.5

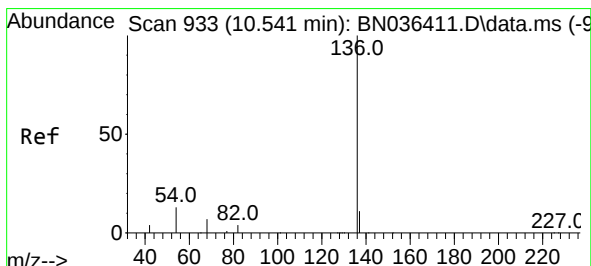
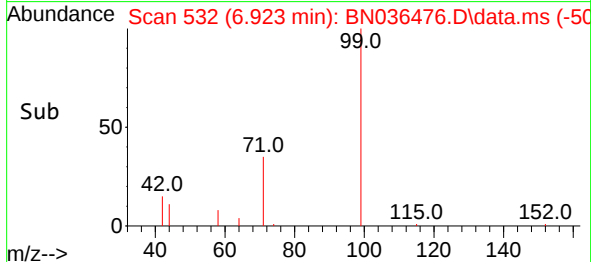
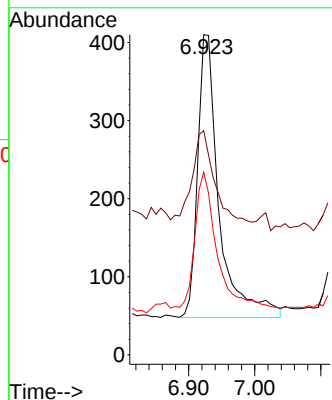
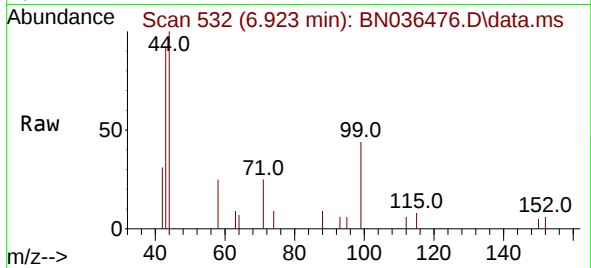




#5
Phenol-d6
Concen: 0.175 ng
RT: 6.923 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN036476.D
Acq: 20 Feb 2025 12:00

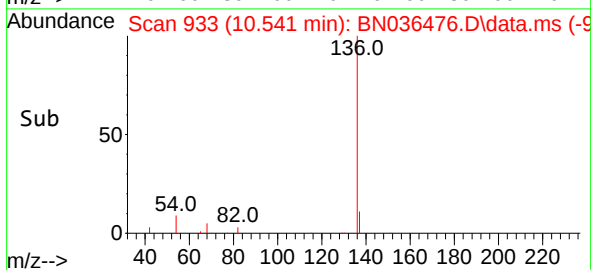
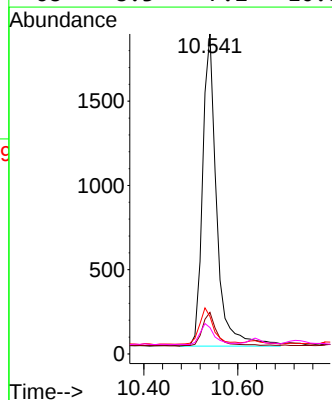
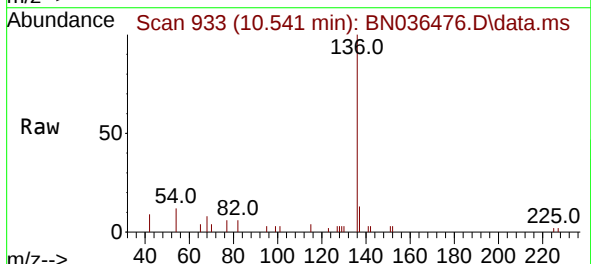
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-780-782

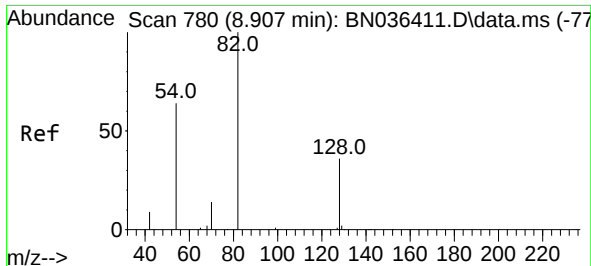
Tgt Ion: 99 Resp: 814
Ion Ratio Lower Upper
99 100
42 36.9 21.7 32.5#
71 49.8 32.6 49.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.541 min Scan# 933
Delta R.T. 0.000 min
Lab File: BN036476.D
Acq: 20 Feb 2025 12:00

Tgt Ion: 136 Resp: 3840
Ion Ratio Lower Upper
136 100
137 13.0 10.1 15.1
54 11.7 11.8 17.6#
68 8.3 7.2 10.8

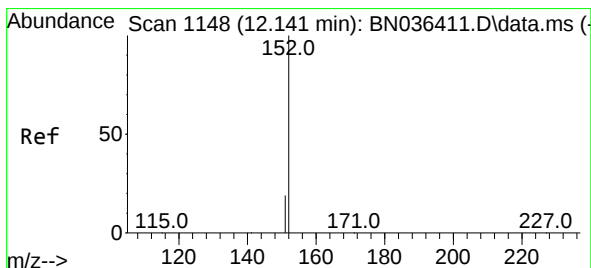
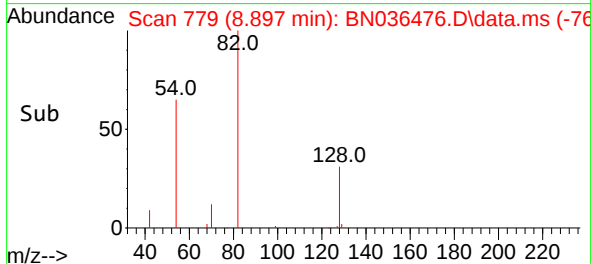
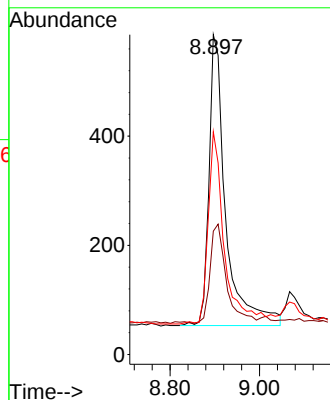
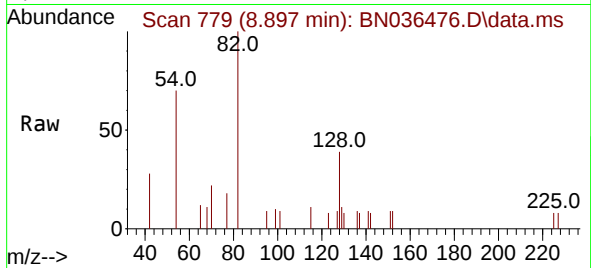




#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 8.897 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN036476.D
Acq: 20 Feb 2025 12:00

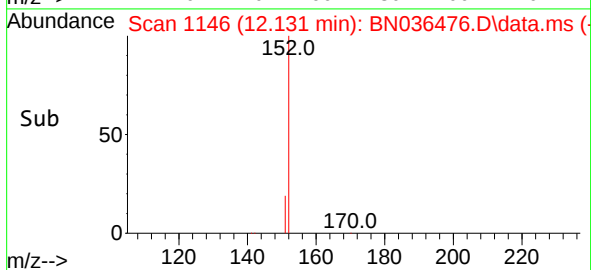
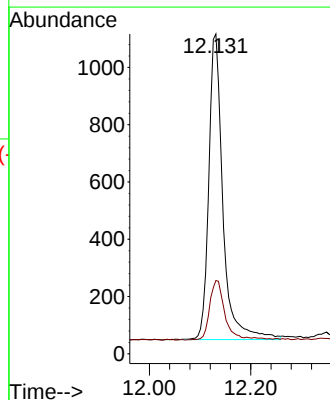
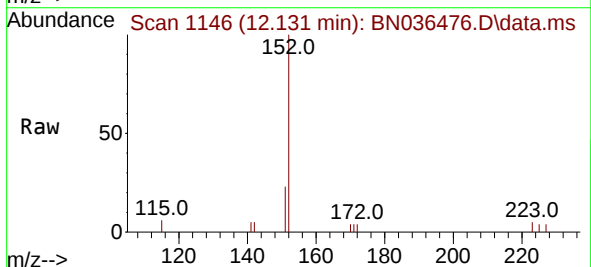
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-780-782

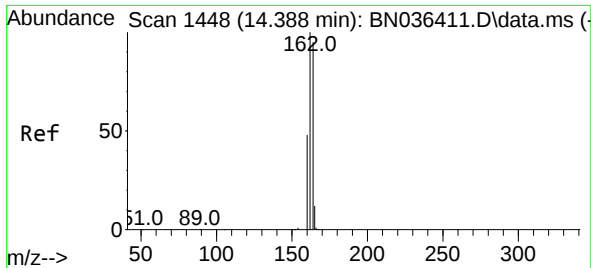
Tgt Ion: 82 Resp: 1381
Ion Ratio Lower Upper
82 100
128 38.6 31.9 47.9
54 69.6 53.1 79.7



#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 12.131 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN036476.D
Acq: 20 Feb 2025 12:00

Tgt Ion: 152 Resp: 2066
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0

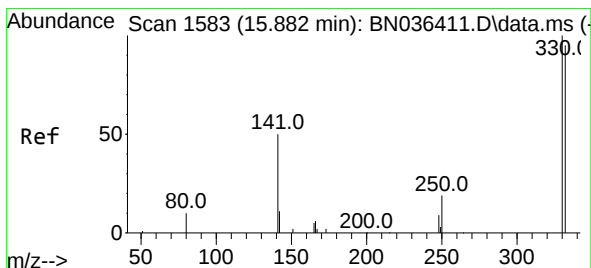
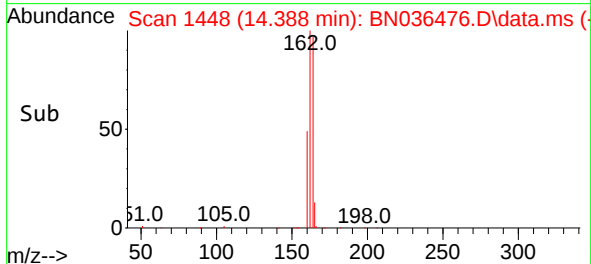
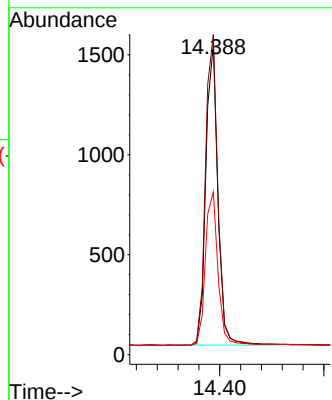
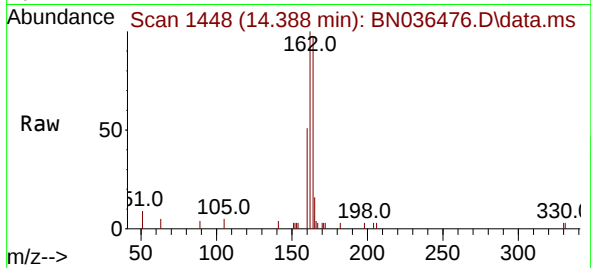




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BN036476.D
Acq: 20 Feb 2025 12:00

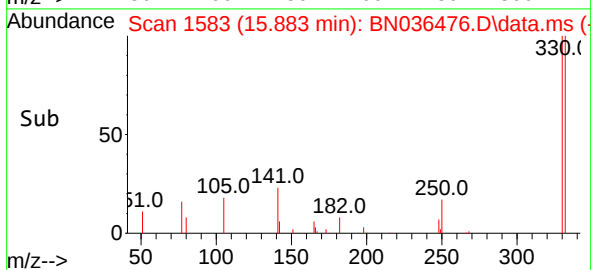
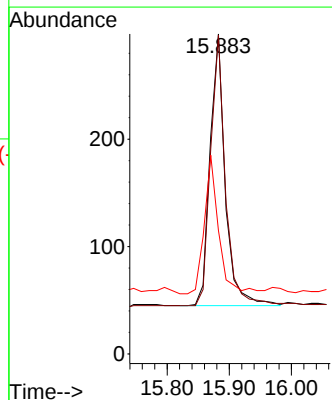
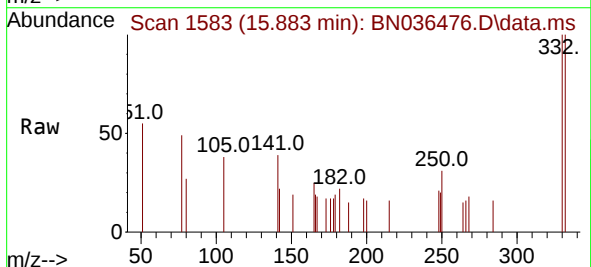
Instrument :
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ClientSampleId :
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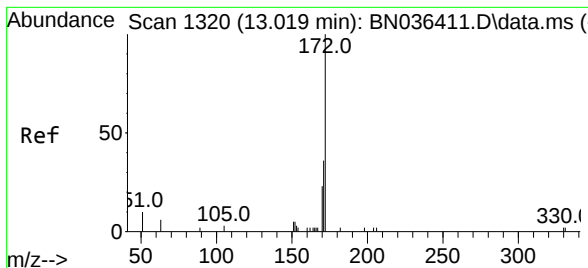
Tgt Ion:	164	Resp:	2412
Ion	Ratio	Lower	Upper
164	100		
162	103.2	84.1	126.1
160	52.4	41.4	62.0



#14
2,4,6-Tribromophenol
Concen: 0.359 ng
RT: 15.883 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BN036476.D
Acq: 20 Feb 2025 12:00

Tgt Ion:	330	Resp:	429
Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.6	114.8
141	48.0	37.8	56.8

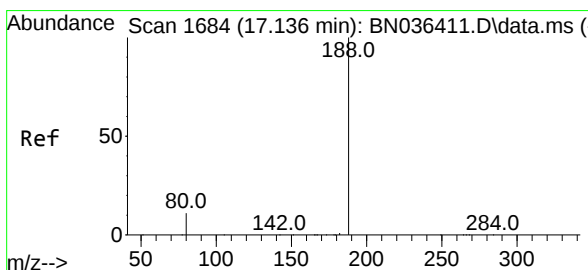
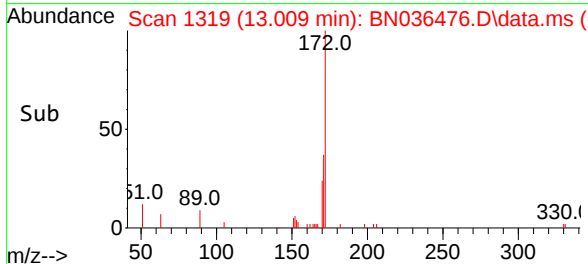
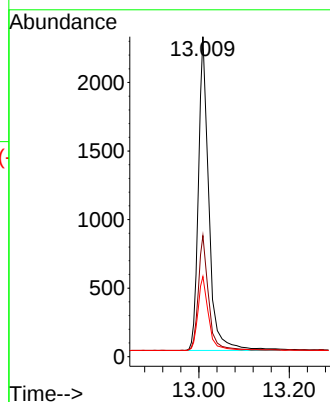
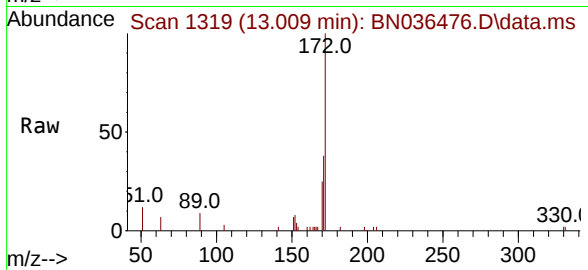




#15
2-Fluorobiphenyl
Concen: 0.471 ng
RT: 13.009 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN036476.D
Acq: 20 Feb 2025 12:00

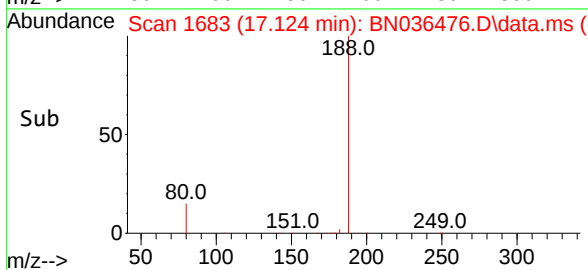
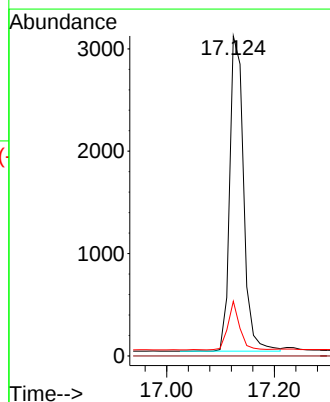
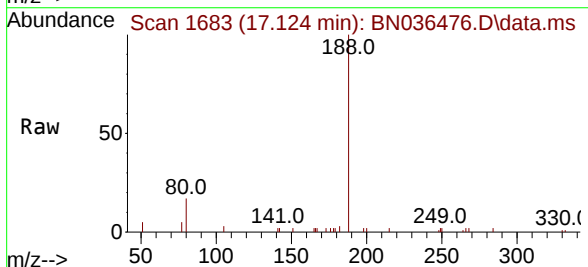
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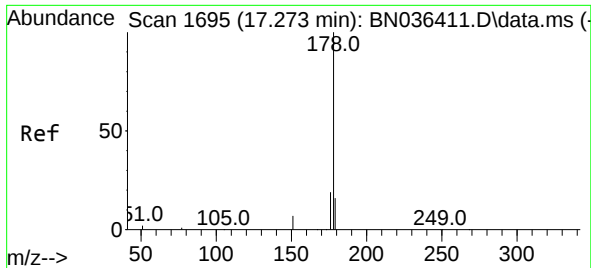
Tgt Ion:172 Resp: 4271
Ion Ratio Lower Upper
172 100
171 37.8 29.6 44.4
170 25.1 19.8 29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BN036476.D
Acq: 20 Feb 2025 12:00

Tgt Ion:188 Resp: 5513
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.1 9.8 14.6#

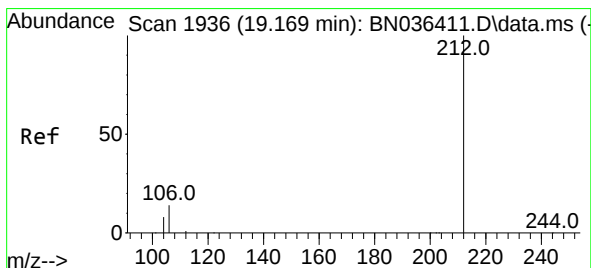
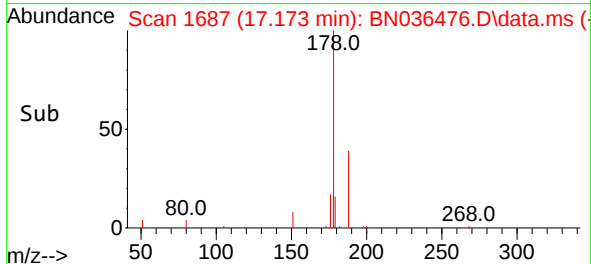
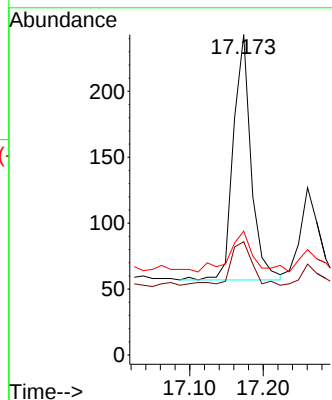
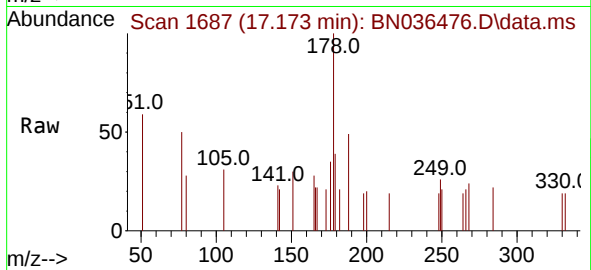




#26
 Anthracene
 Concen: 0.022 ng
 RT: 17.173 min Scan# 1687
 Delta R.T. -0.099 min
 Lab File: BN036476.D
 Acq: 20 Feb 2025 12:00

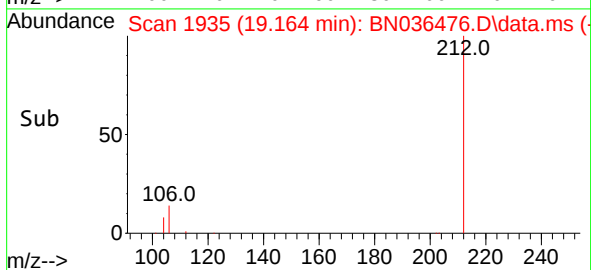
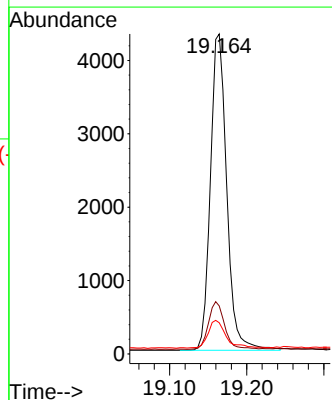
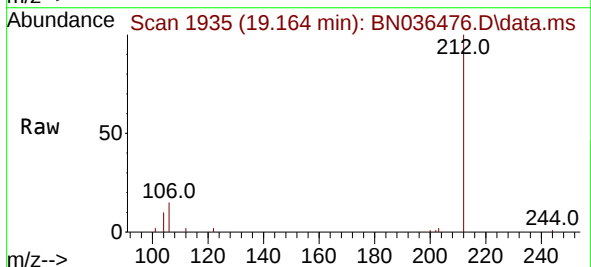
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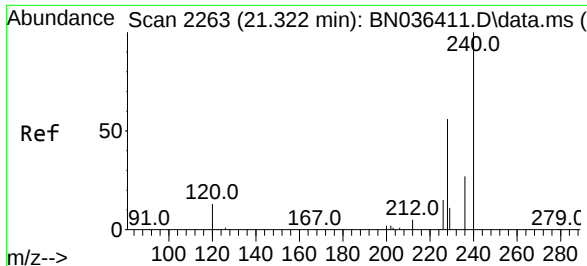
Tgt Ion:	178	Resp:	312
Ion	Ratio	Lower	Upper
178	100		
176	21.8	14.9	22.3
179	16.7	12.4	18.6



#27
 Fluoranthene-d10
 Concen: 0.414 ng
 RT: 19.164 min Scan# 1935
 Delta R.T. -0.005 min
 Lab File: BN036476.D
 Acq: 20 Feb 2025 12:00

Tgt Ion:	212	Resp:	6346
Ion	Ratio	Lower	Upper
212	100		
106	15.0	11.5	17.3
104	9.6	7.1	10.7

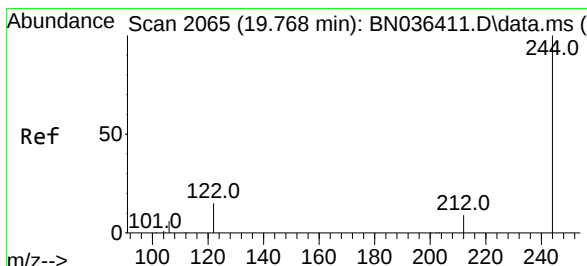
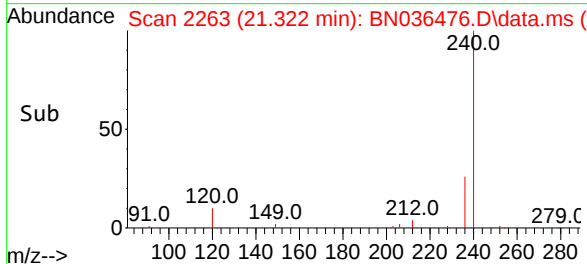
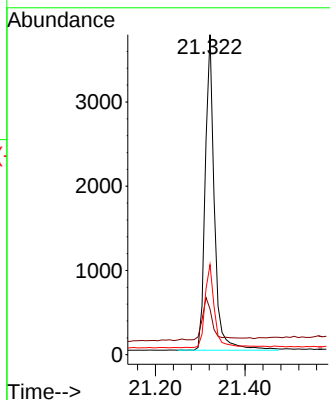
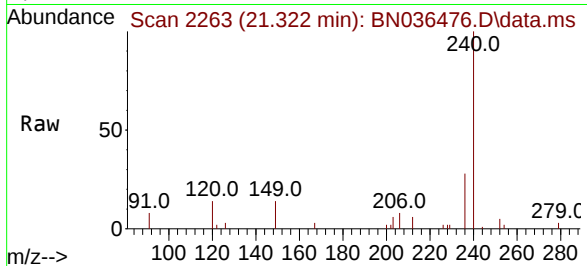




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.322 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036476.D
Acq: 20 Feb 2025 12:00

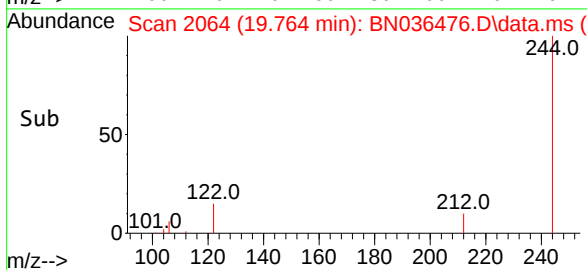
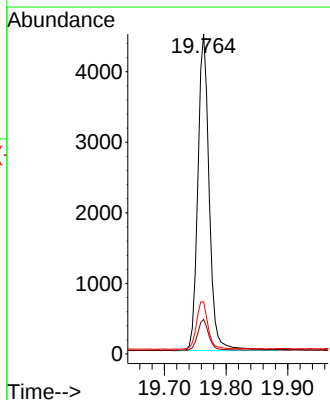
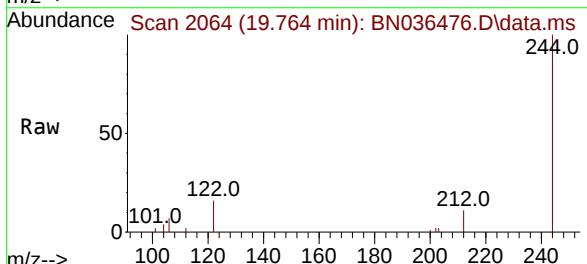
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-780-782

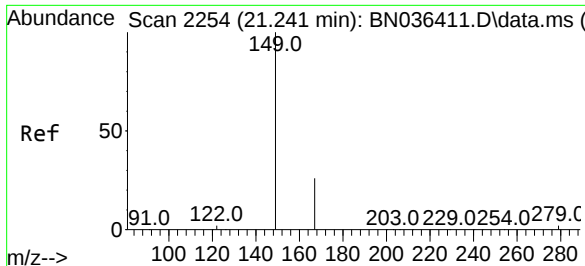
Tgt Ion:240 Resp: 5354
Ion Ratio Lower Upper
240 100
120 14.3 13.3 19.9
236 28.2 23.0 34.6



#31
Terphenyl-d14
Concen: 0.504 ng
RT: 19.764 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN036476.D
Acq: 20 Feb 2025 12:00

Tgt Ion:244 Resp: 5755
Ion Ratio Lower Upper
244 100
212 10.8 8.1 12.1
122 16.3 12.8 19.2

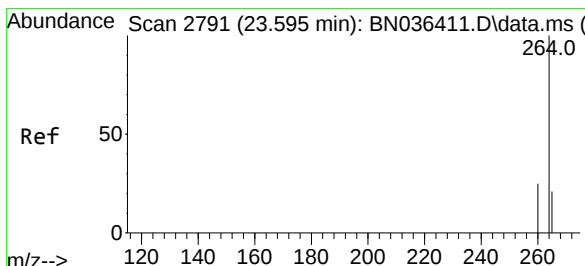
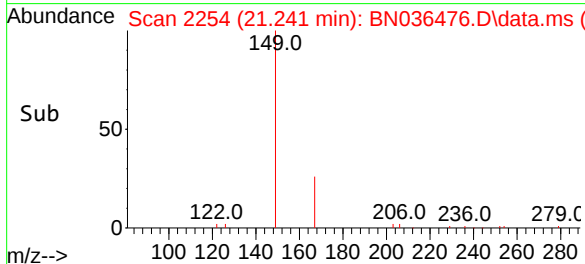
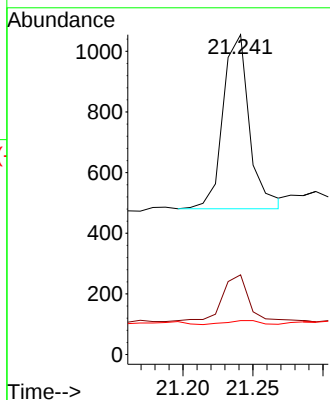
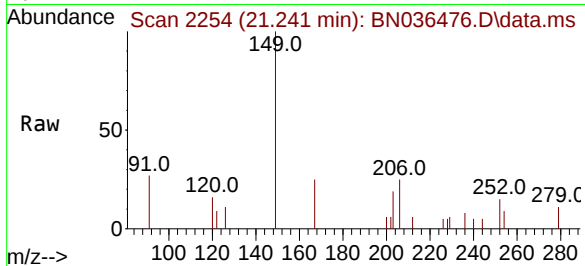




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.069 ng
 RT: 21.241 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN036476.D
 Acq: 20 Feb 2025 12:00

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-780-782

Tgt Ion:149 Resp: 756
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.2 31.8
 279 2.8 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.590 min Scan# 2789
 Delta R.T. -0.006 min
 Lab File: BN036476.D
 Acq: 20 Feb 2025 12:00

Tgt Ion:264 Resp: 4859
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.9 31.3
 265 95.5 60.7 91.1#

