

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
 Data File : BN036451.D
 Acq On : 12 Feb 2025 21:47
 Operator : RC/JU
 Sample : Q1327-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-580-582

Quant Time: Feb 12 23:17:38 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)

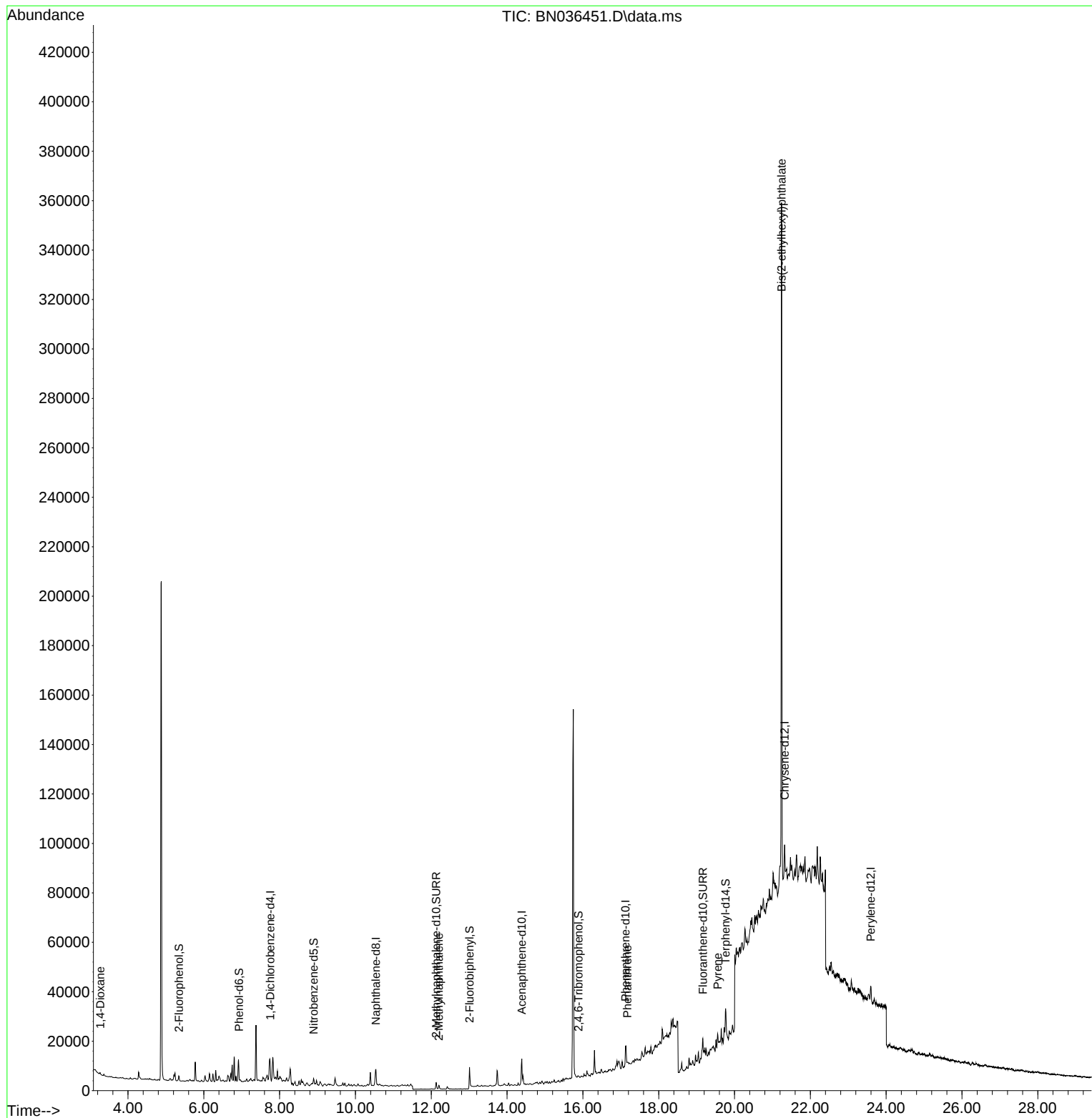
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.753	152	3380	0.400	ng	0.00
7) Naphthalene-d8	10.541	136	9371	0.400	ng	# 0.00
13) Acenaphthene-d10	14.388	164	5949	0.400	ng	0.00
19) Phenanthrene-d10	17.124	188	12772	0.400	ng	#-0.01
29) Chrysene-d12	21.322	240	9415	0.400	ng	# 0.00
35) Perylene-d12	23.595	264	8365	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	328	0.041	ng	0.00
5) Phenol-d6	6.930	99	527	0.056	ng	0.00
8) Nitrobenzene-d5	8.897	82	2591	0.280	ng	-0.01
11) 2-Methylnaphthalene-d10	12.131	152	4072	0.283	ng	-0.01
14) 2,4,6-Tribromophenol	15.883	330	168	0.057	ng	0.00
15) 2-Fluorobiphenyl	13.009	172	7753	0.347	ng	-0.01
27) Fluoranthene-d10	19.164	212	8982	0.253	ng	0.00
31) Terphenyl-d14	19.764	244	9322	0.464	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.268	88	414	0.112	ng	# 75
12) 2-Methylnaphthalene	12.202	142	1167	0.066	ng	95
25) Phenanthrene	17.173	178	1589	0.043	ng	# 81
30) Pyrene	19.555	202	2224	0.061	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.241	149	229060	11.866	ng	99

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

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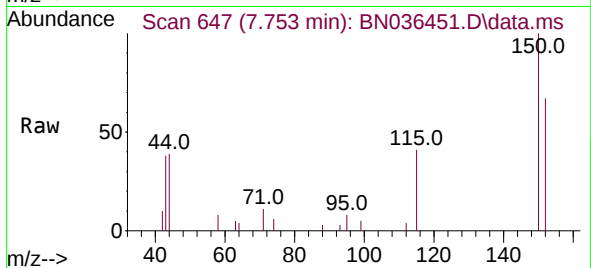
Quant Time: Feb 12 23:17:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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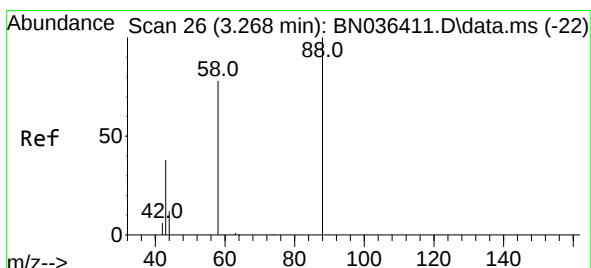
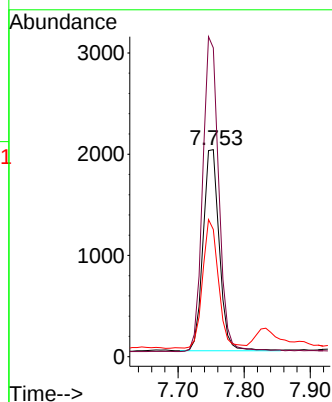
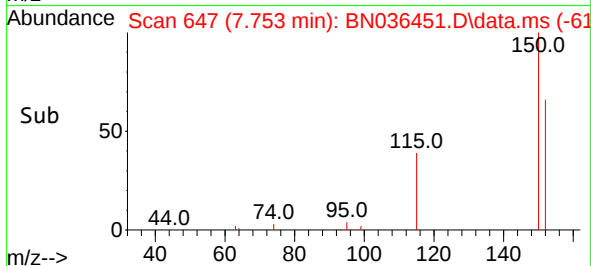


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.753 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036451.D
 Acq: 12 Feb 2025 21:47

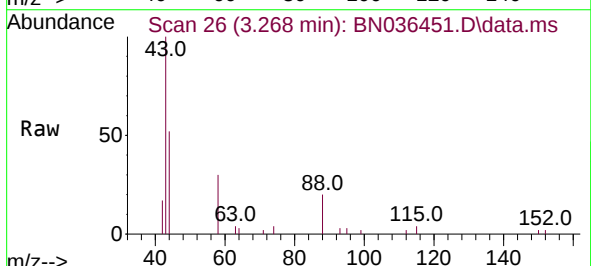
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-580-582



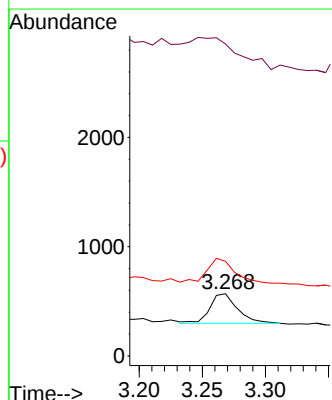
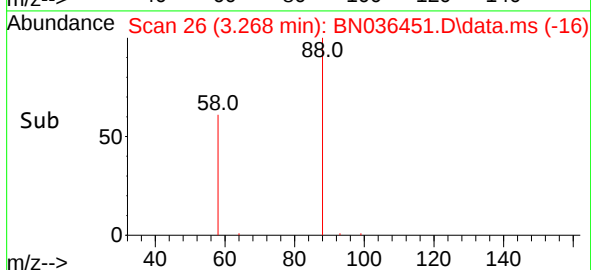
Tgt Ion:152 Resp: 3380
 Ion Ratio Lower Upper
 152 100
 150 149.1 123.7 185.5
 115 61.5 52.5 78.7

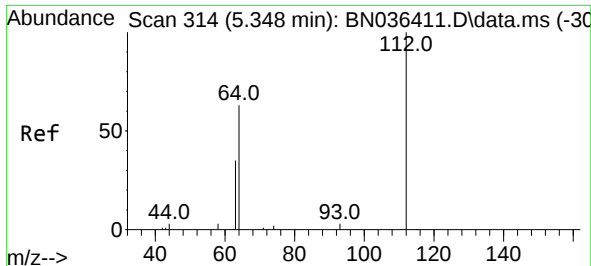


#2
 1,4-Dioxane
 Concen: 0.112 ng
 RT: 3.268 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN036451.D
 Acq: 12 Feb 2025 21:47



Tgt Ion: 88 Resp: 414
 Ion Ratio Lower Upper
 88 100
 43 0.0 33.7 50.5#
 58 81.4 68.9 103.3

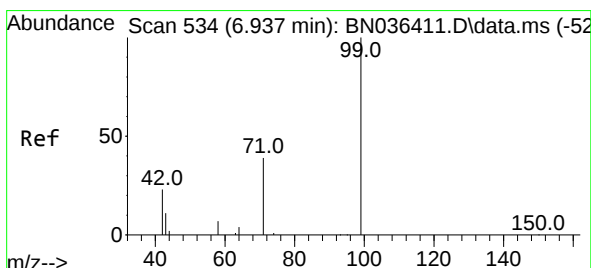
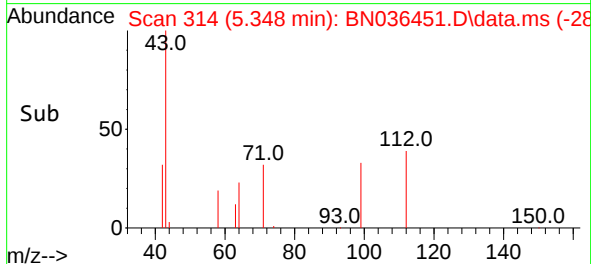
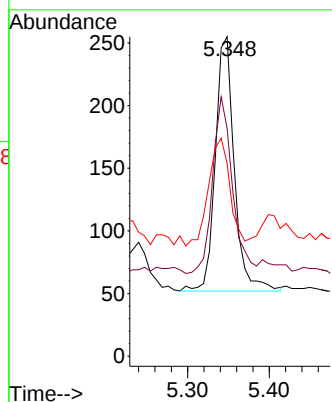
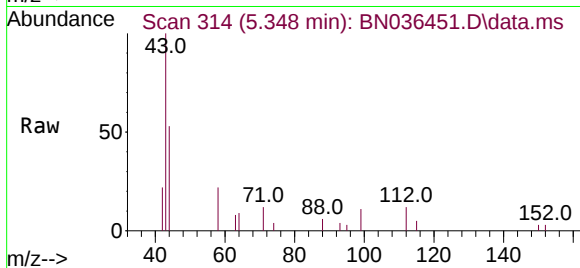




#4
2-Fluorophenol
Concen: 0.041 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN036451.D
Acq: 12 Feb 2025 21:47

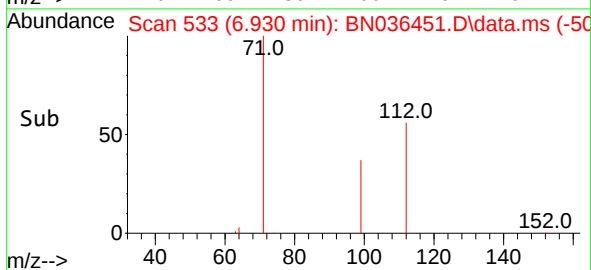
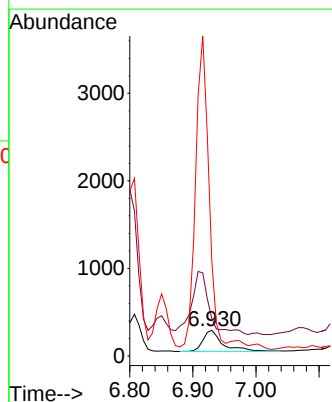
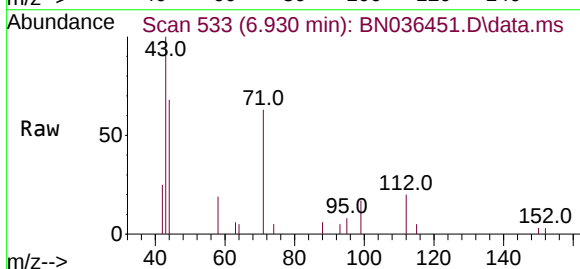
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-580-582

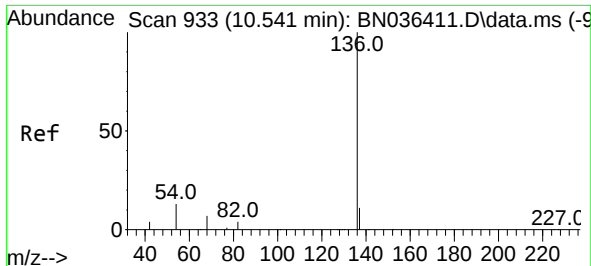
Tgt Ion:112 Resp: 328
Ion Ratio Lower Upper
112 100
64 72.3 53.4 80.0
63 47.6 30.3 45.5#



#5
Phenol-d6
Concen: 0.056 ng
RT: 6.930 min Scan# 533
Delta R.T. -0.007 min
Lab File: BN036451.D
Acq: 12 Feb 2025 21:47

Tgt Ion: 99 Resp: 527
Ion Ratio Lower Upper
99 100
42 0.0 21.7 32.5#
71 0.0 32.6 49.0#

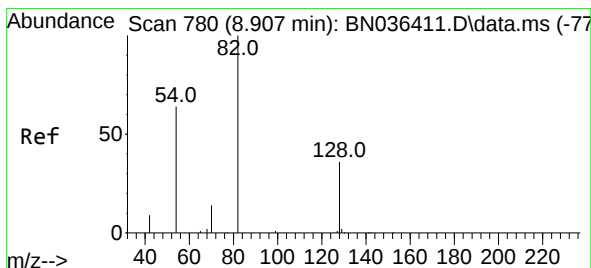
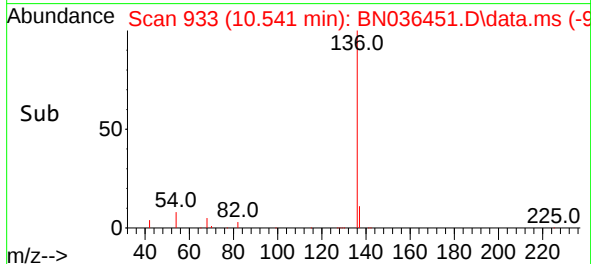
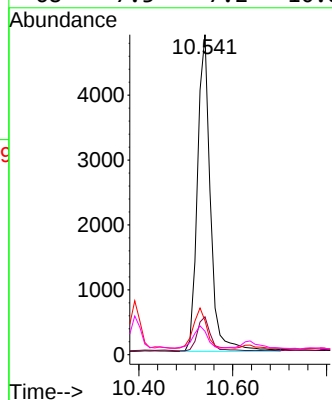
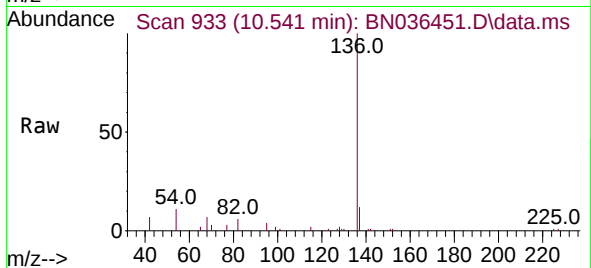




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.541 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036451.D
Acq: 12 Feb 2025 21:47

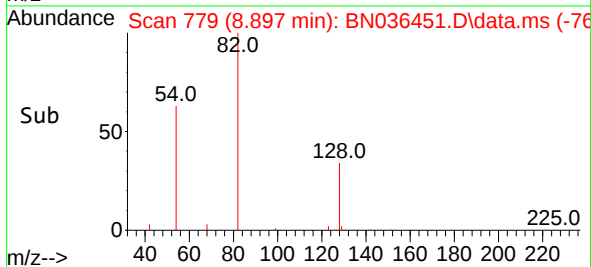
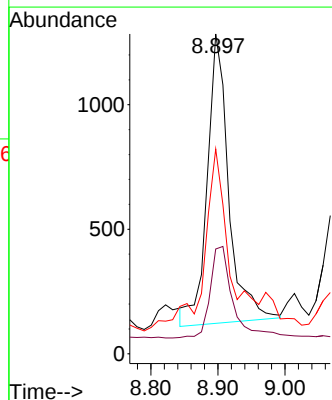
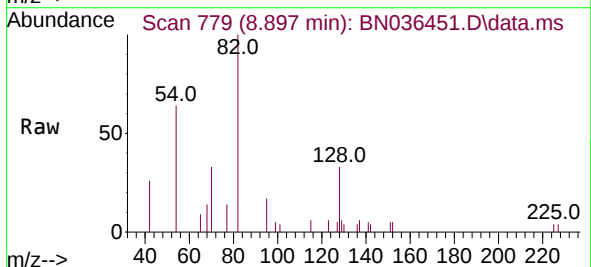
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-580-582

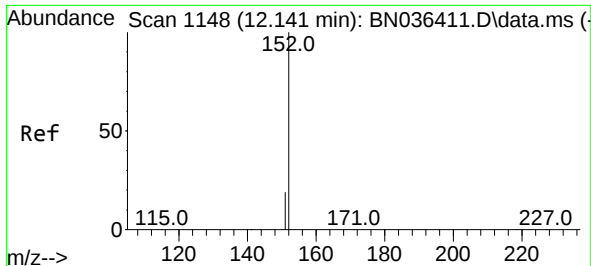
Tgt Ion:	136	Resp:	9371
Ion	Ratio	Lower	Upper
136	100		
137	11.8	10.1	15.1
54	10.6	11.8	17.6#
68	7.3	7.2	10.8



#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.897 min Scan# 779
Delta R.T. -0.011 min
Lab File: BN036451.D
Acq: 12 Feb 2025 21:47

Tgt Ion:	82	Resp:	2591
Ion	Ratio	Lower	Upper
82	100		
128	32.8	31.9	47.9
54	64.0	53.1	79.7

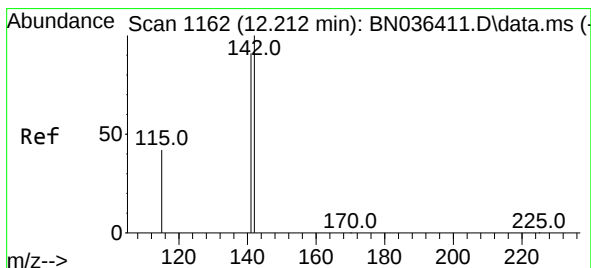
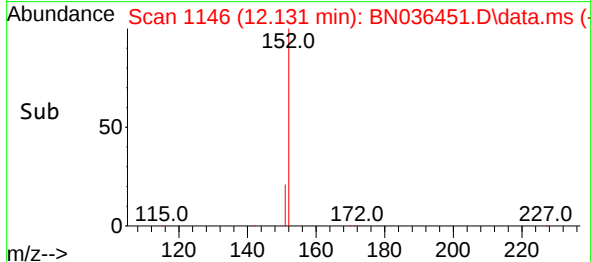
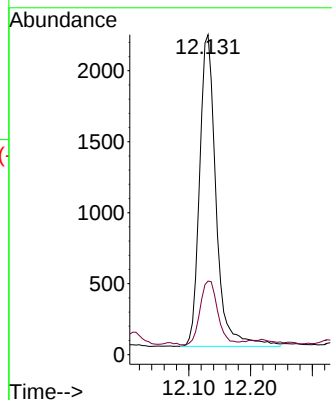
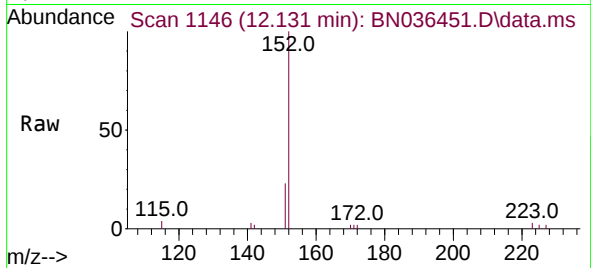




#11
2-Methylnaphthalene-d10
Concen: 0.283 ng
RT: 12.131 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN036451.D
Acq: 12 Feb 2025 21:47

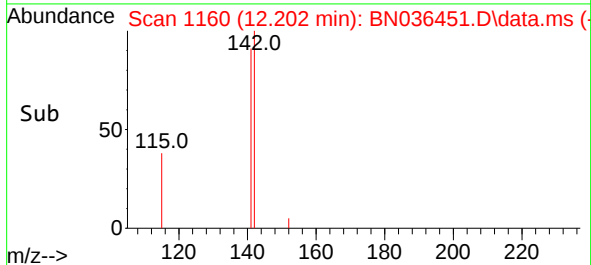
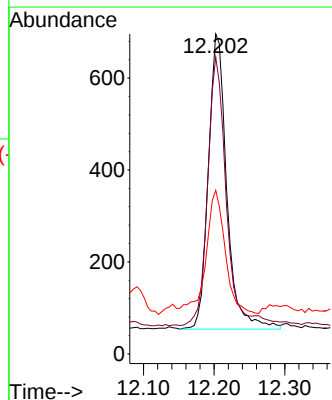
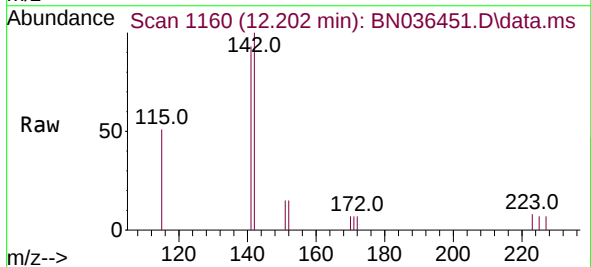
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-580-582

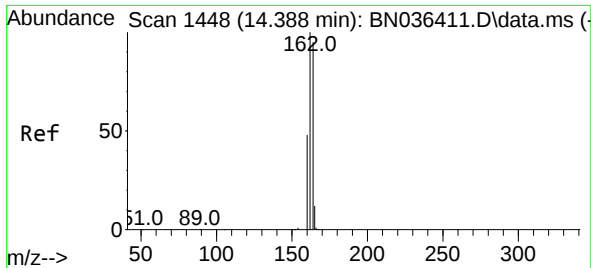
Tgt Ion:152 Resp: 4072
Ion Ratio Lower Upper
152 100
151 21.9 16.6 25.0



#12
2-Methylnaphthalene
Concen: 0.066 ng
RT: 12.202 min Scan# 1160
Delta R.T. -0.010 min
Lab File: BN036451.D
Acq: 12 Feb 2025 21:47

Tgt Ion:142 Resp: 1167
Ion Ratio Lower Upper
142 100
141 92.8 72.8 109.2
115 51.1 35.5 53.3

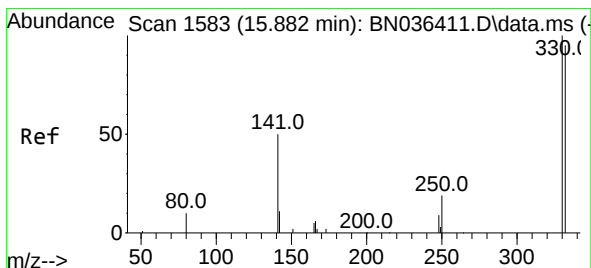
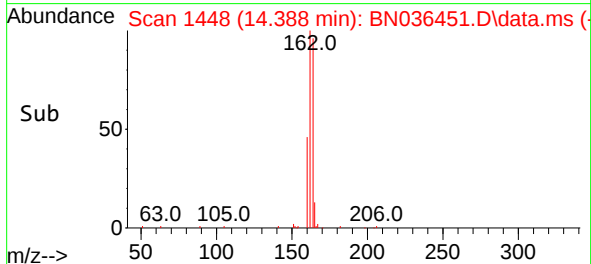
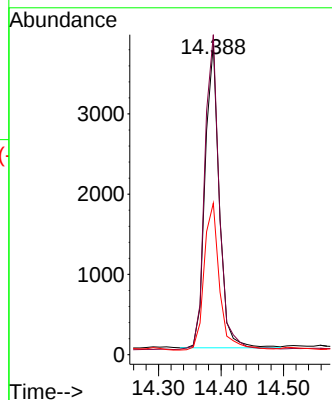
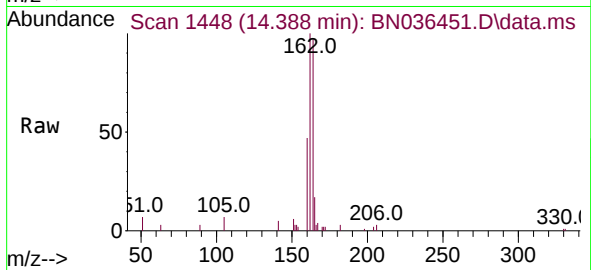




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BN036451.D
Acq: 12 Feb 2025 21:47

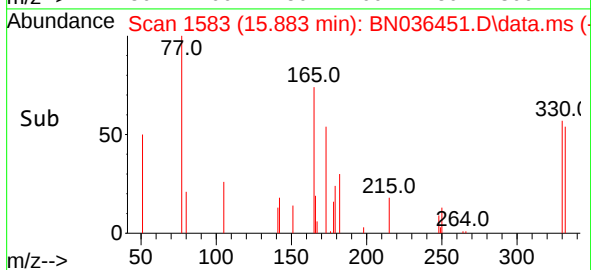
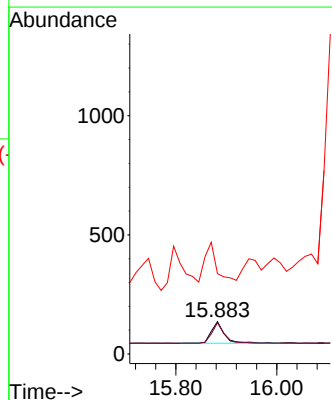
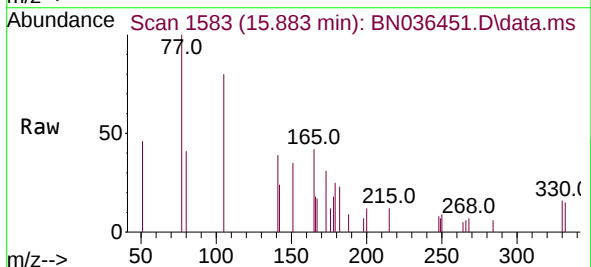
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-580-582

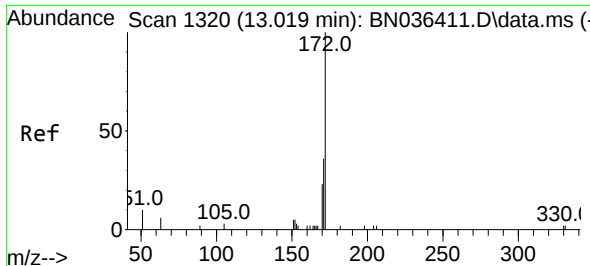
Tgt Ion:164 Resp: 5949
Ion Ratio Lower Upper
164 100
162 103.0 84.1 126.1
160 48.8 41.4 62.0



#14
2,4,6-Tribromophenol
Concen: 0.057 ng
RT: 15.883 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BN036451.D
Acq: 12 Feb 2025 21:47

Tgt Ion:330 Resp: 168
Ion Ratio Lower Upper
330 100
332 86.9 76.6 114.8
141 157.1 37.8 56.8#

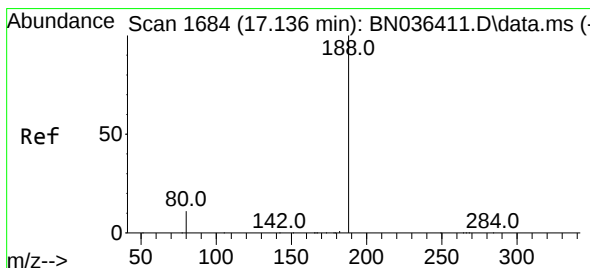
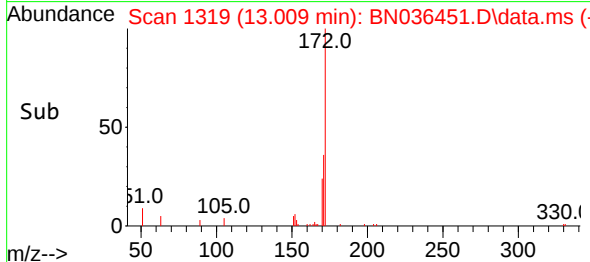
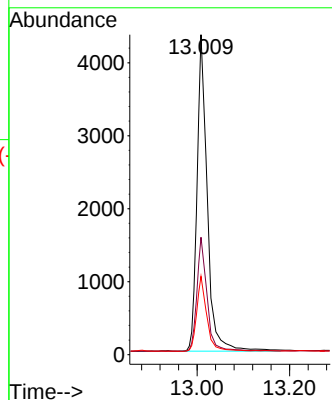
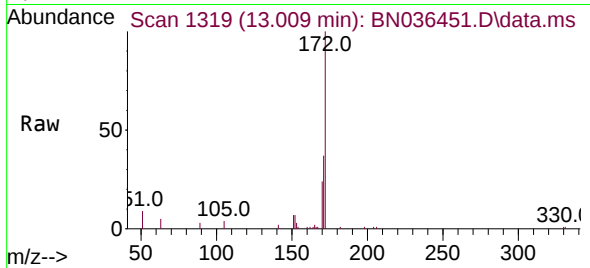




#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 13.009 min Scan# 1319
Delta R.T. -0.011 min
Lab File: BN036451.D
Acq: 12 Feb 2025 21:47

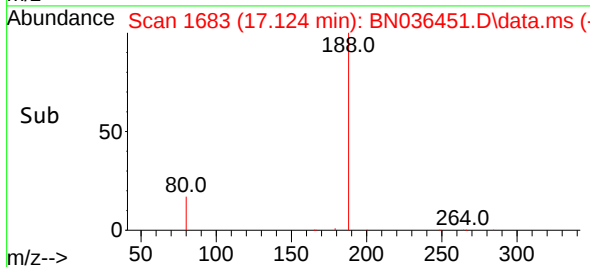
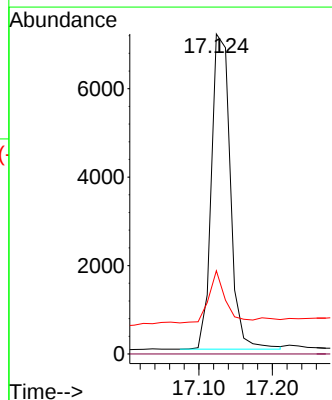
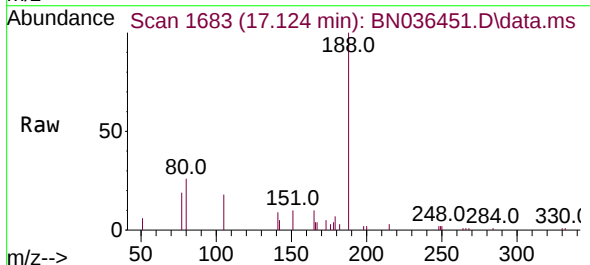
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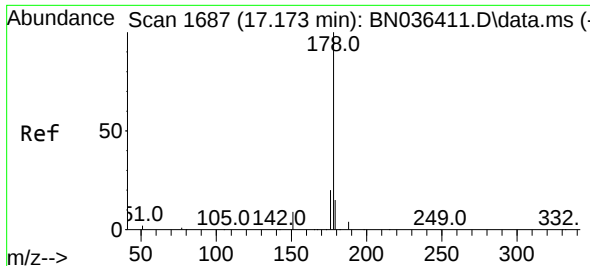
Tgt Ion:172 Resp: 7753
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.5 19.8 29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BN036451.D
Acq: 12 Feb 2025 21:47

Tgt Ion:188 Resp: 12772
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 26.0 9.8 14.6#

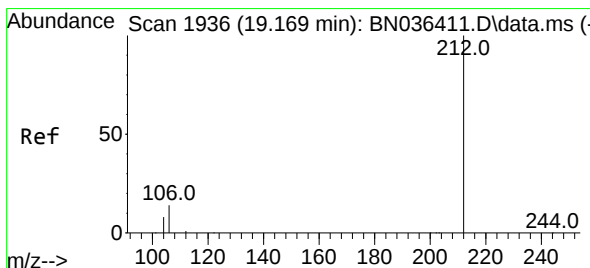
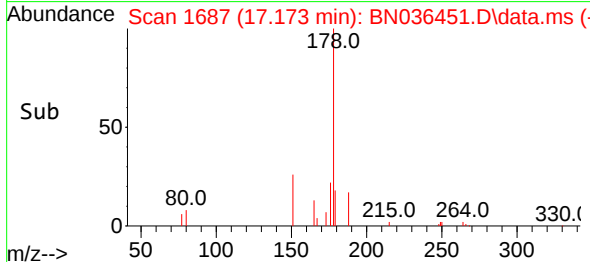
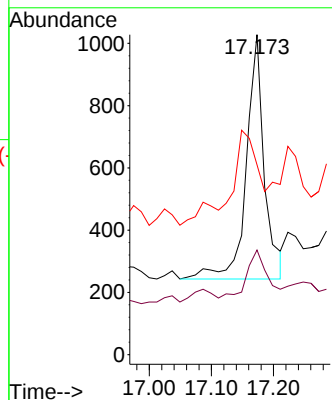
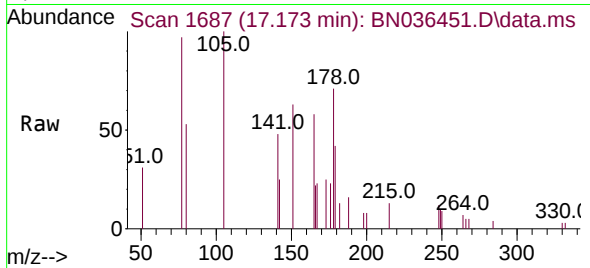




#25
Phenanthrene
Concen: 0.043 ng
RT: 17.173 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BN036451.D
Acq: 12 Feb 2025 21:47

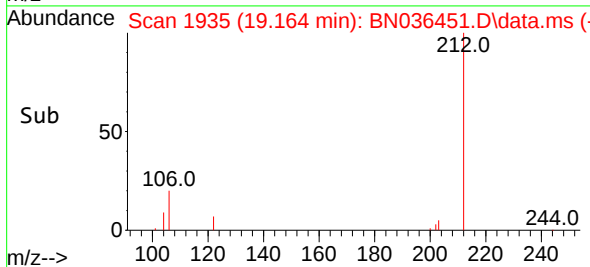
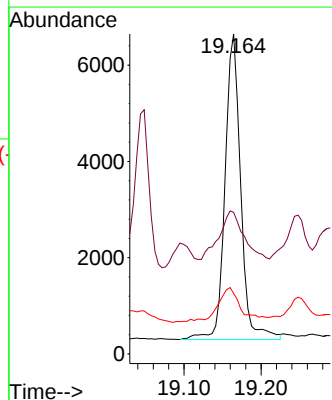
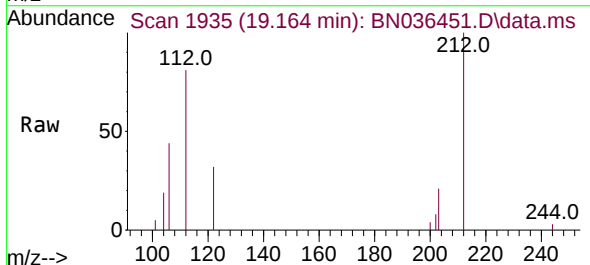
Instrument :
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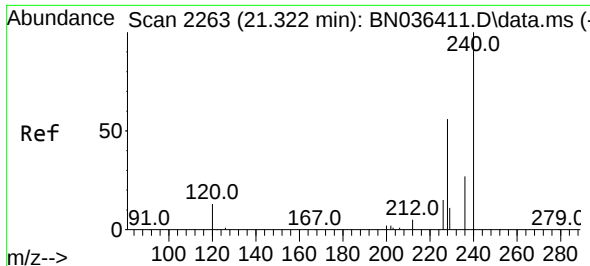
Tgt Ion:178 Resp: 1589
Ion Ratio Lower Upper
178 100
176 21.7 15.7 23.5
179 0.0 12.4 18.6#



#27
Fluoranthene-d10
Concen: 0.253 ng
RT: 19.164 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BN036451.D
Acq: 12 Feb 2025 21:47

Tgt Ion:212 Resp: 8982
Ion Ratio Lower Upper
212 100
106 26.5 11.5 17.3#
104 17.8 7.1 10.7#

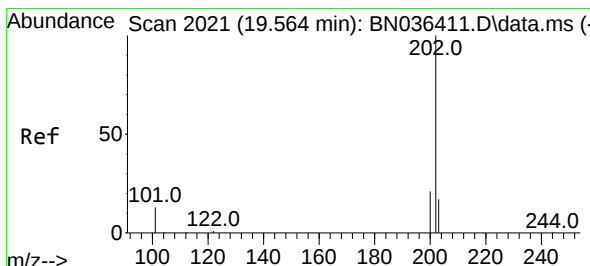
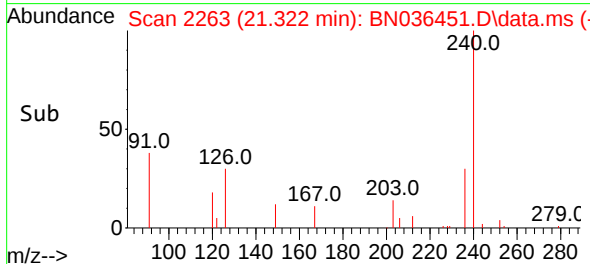
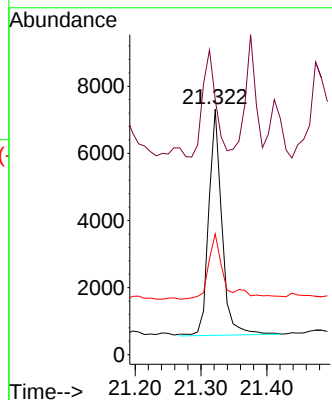
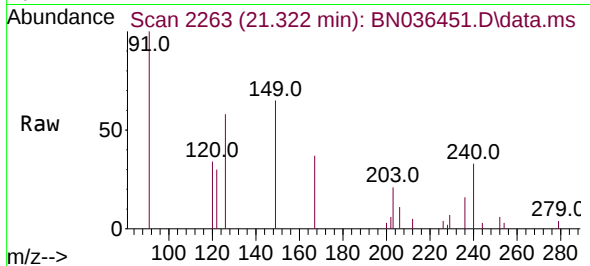




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.322 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036451.D
Acq: 12 Feb 2025 21:47

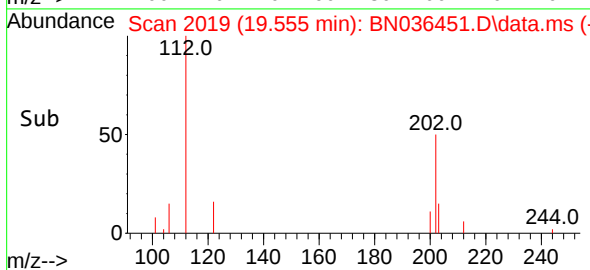
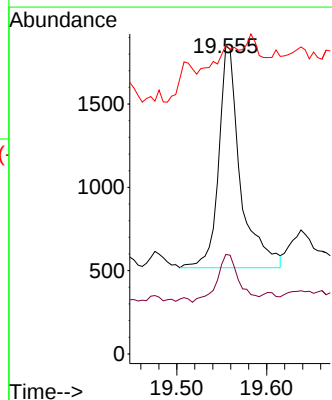
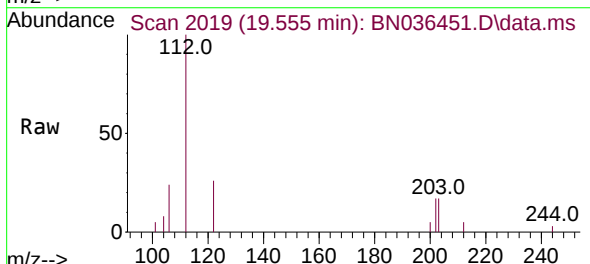
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-580-582

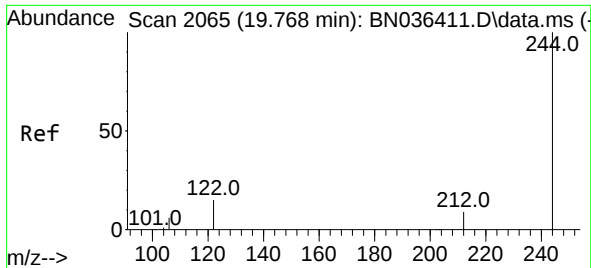
Tgt Ion:240 Resp: 9415
Ion Ratio Lower Upper
240 100
120 103.9 13.3 19.9#
236 49.2 23.0 34.6#



#30
Pyrene
Concen: 0.061 ng
RT: 19.555 min Scan# 2019
Delta R.T. -0.009 min
Lab File: BN036451.D
Acq: 12 Feb 2025 21:47

Tgt Ion:202 Resp: 2224
Ion Ratio Lower Upper
202 100
200 22.1 16.9 25.3
203 5.8 13.9 20.9#

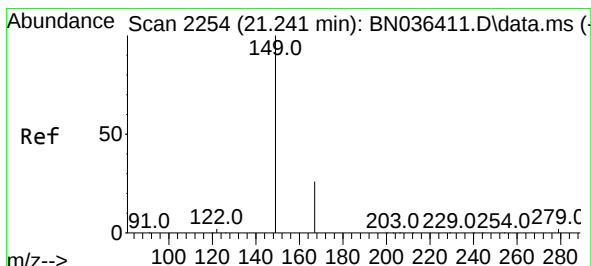
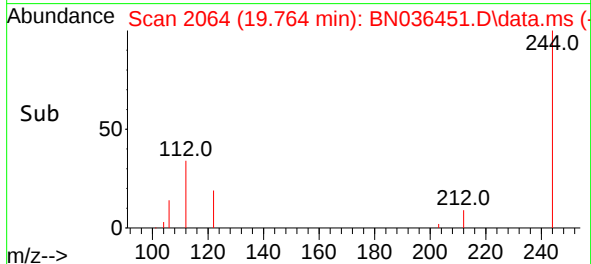
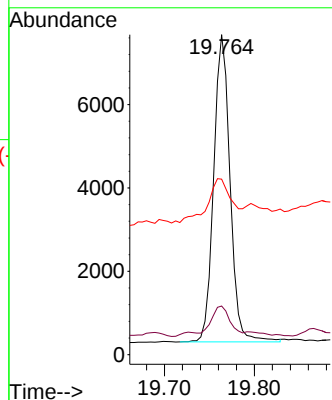
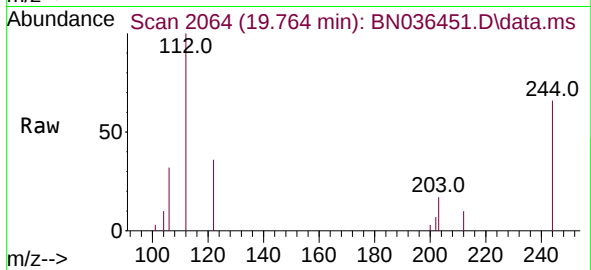




#31
 Terphenyl-d14
 Concen: 0.464 ng
 RT: 19.764 min Scan# 2065
 Delta R.T. -0.005 min
 Lab File: BN036451.D
 Acq: 12 Feb 2025 21:47

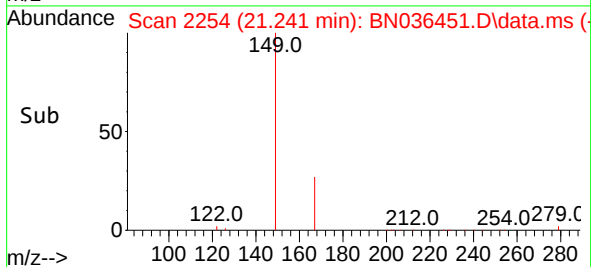
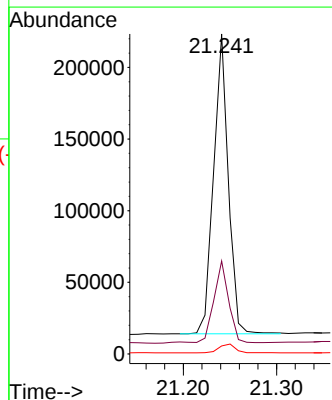
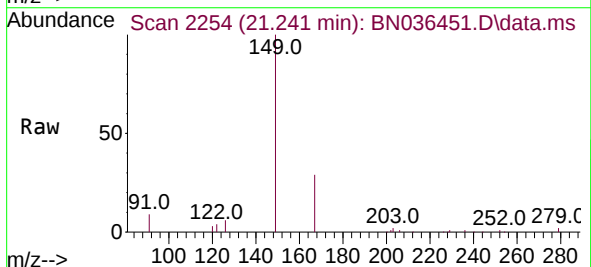
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-580-582

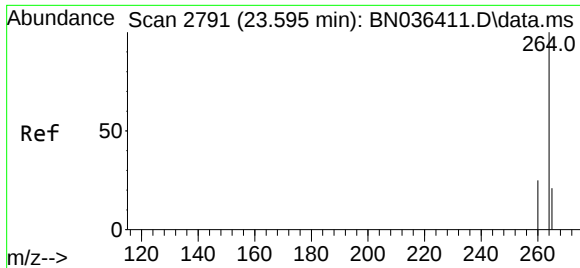
Tgt Ion:244 Resp: 9322
 Ion Ratio Lower Upper
 244 100
 212 15.2 8.1 12.1#
 122 54.9 12.8 19.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 11.866 ng
 RT: 21.241 min Scan# 2254
 Delta R.T. 0.000 min
 Lab File: BN036451.D
 Acq: 12 Feb 2025 21:47

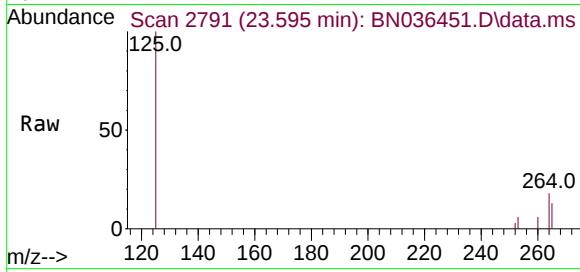
Tgt Ion:149 Resp: 229060
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.2 31.8
 279 3.4 2.7 4.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.595 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036451.D
Acq: 12 Feb 2025 21:47

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-580-582



Tgt Ion:264 Resp: 8365

Ion	Ratio	Lower	Upper
264	100		
260	32.2	20.9	31.3#
265	73.8	60.7	91.1

