

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
 Data File : BN036114.D
 Acq On : 29 Jan 2025 19:19
 Operator : RC/JU
 Sample : Q1199-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-220-222

Quant Time: Jan 30 00:35:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 00:34:56 2025
 Response via : Initial Calibration

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

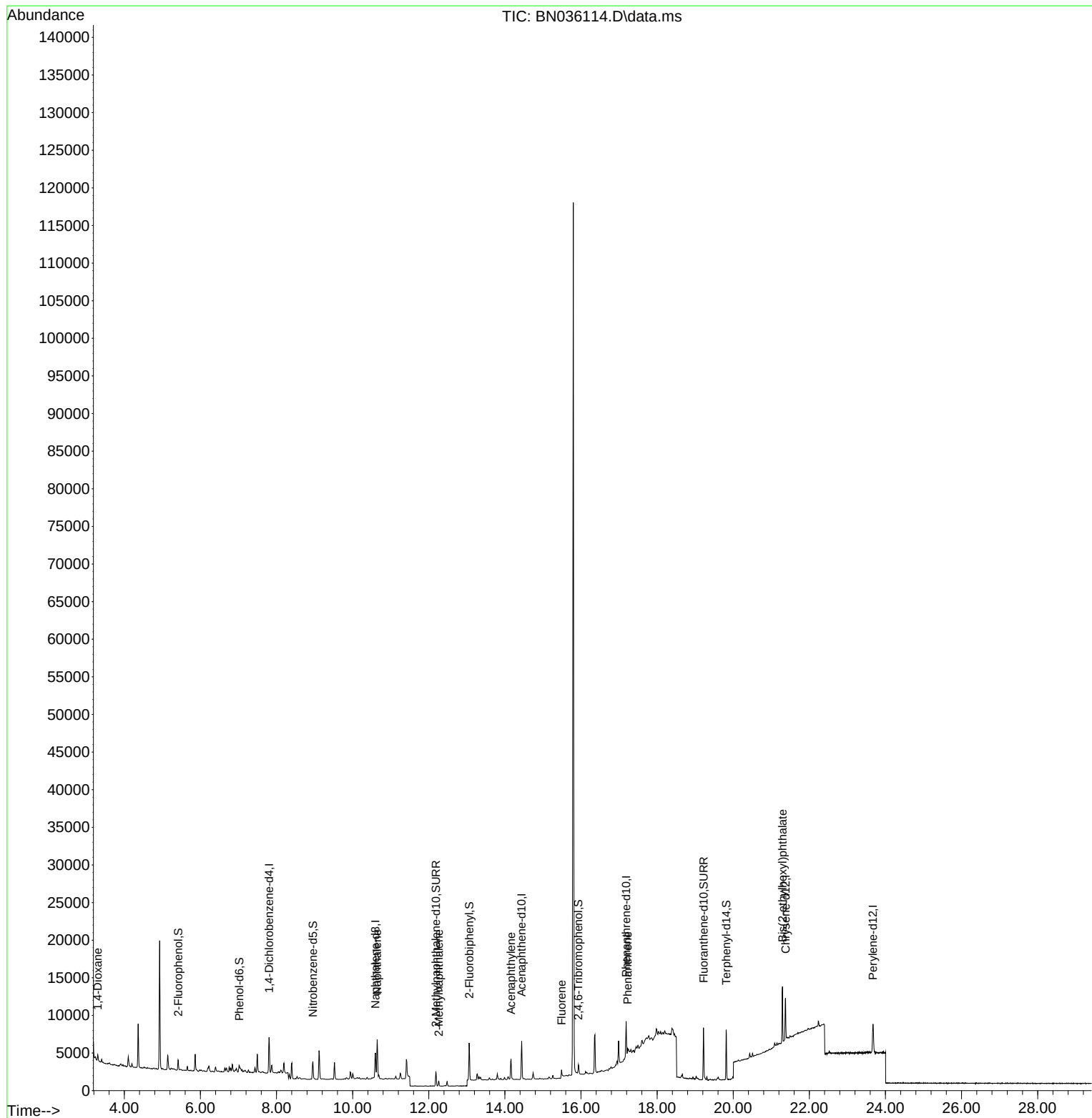
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	2008	0.400	ng	-0.01
7) Naphthalene-d8	10.600	136	4878	0.400	ng	-0.01
13) Acenaphthene-d10	14.441	164	2770	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	6230	0.400	ng	0.00
29) Chrysene-d12	21.376	240	5536	0.400	ng	0.00
35) Perylene-d12	23.675	264	5180	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.419	112	964	0.185	ng	0.03
5) Phenol-d6	7.023	99	755	0.123	ng	0.05
8) Nitrobenzene-d5	8.956	82	1735	0.377	ng	0.00
11) 2-Methylnaphthalene-d10	12.187	152	2524	0.381	ng	-0.01
14) 2,4,6-Tribromophenol	15.933	330	633	0.356	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	3954	0.320	ng	0.00
27) Fluoranthene-d10	19.220	212	7712	0.478	ng	0.00
31) Terphenyl-d14	19.815	244	6318	0.549	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.303	88	461	0.205	ng	# 71
9) Naphthalene	10.643	128	6561	0.463	ng	99
12) 2-Methylnaphthalene	12.263	142	460	0.052	ng	95
16) Acenaphthylene	14.163	152	3125	0.238	ng	98
18) Fluorene	15.489	166	718	0.064	ng	# 94
25) Phenanthrene	17.223	178	1212	0.065	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.295	149	7282	0.662	ng	99

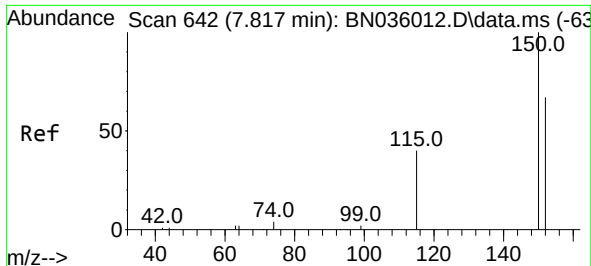
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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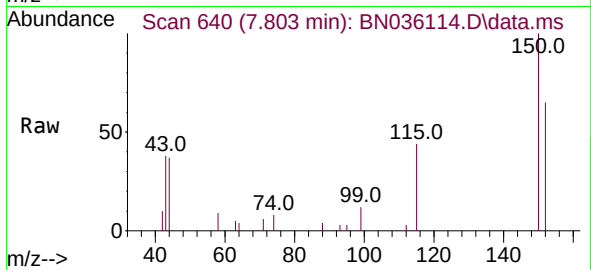
Quant Time: Jan 30 00:35:48 2025
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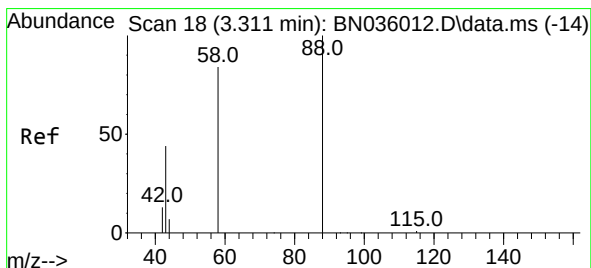
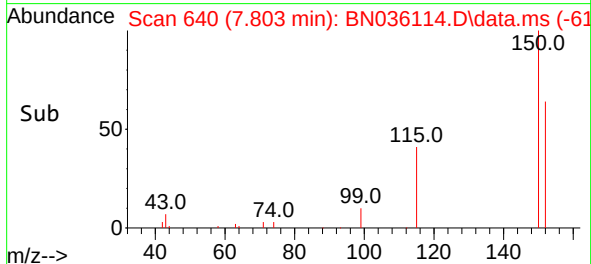
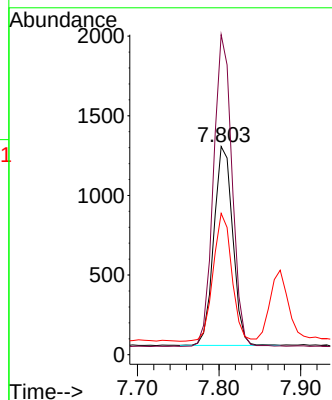
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.803 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN036114.D
 Acq: 29 Jan 2025 19:19

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-220-222



Tgt Ion: 152 Resp: 2008

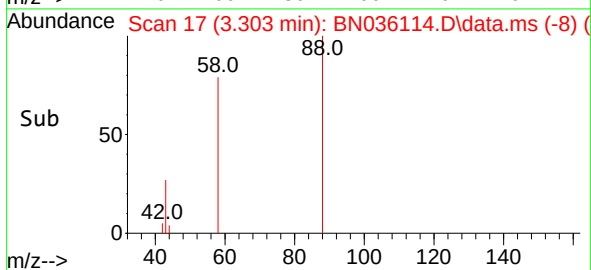
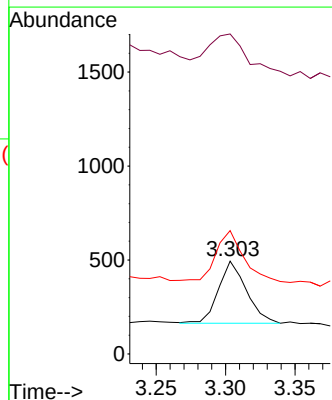
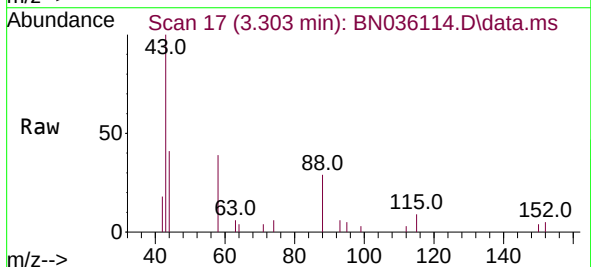
Ion	Ratio	Lower	Upper
152	100		
150	153.7	117.4	176.2
115	67.9	51.0	76.4

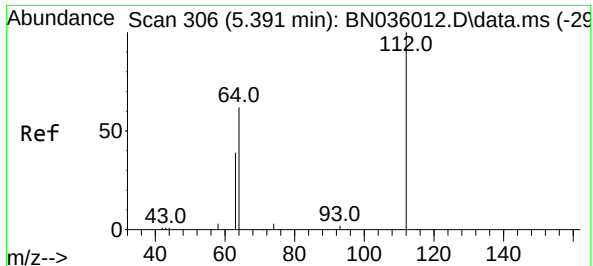


#2
 1,4-Dioxane
 Concen: 0.205 ng
 RT: 3.303 min Scan# 17
 Delta R.T. -0.007 min
 Lab File: BN036114.D
 Acq: 29 Jan 2025 19:19

Tgt Ion: 88 Resp: 461

Ion	Ratio	Lower	Upper
88	100		
43	98.9	38.5	57.7#
58	85.0	66.6	99.8

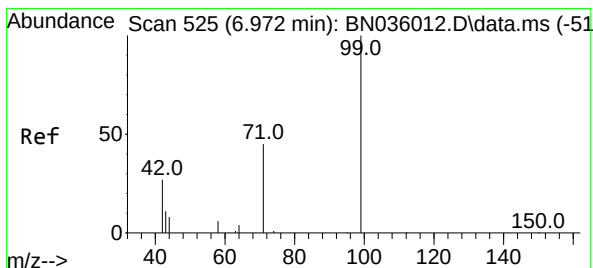
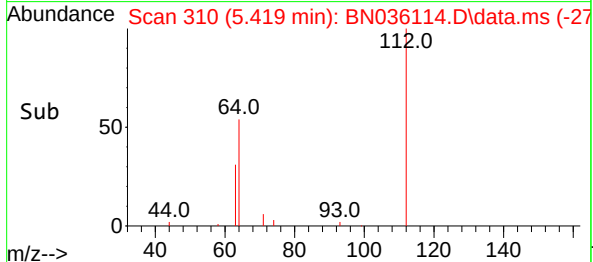
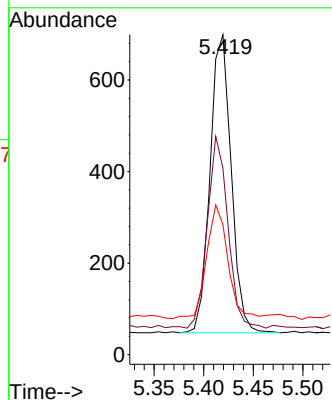
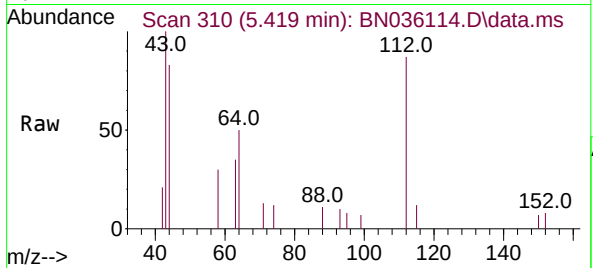




#4
2-Fluorophenol
Concen: 0.185 ng
RT: 5.419 min Scan# 310
Delta R.T. 0.029 min
Lab File: BN036114.D
Acq: 29 Jan 2025 19:19

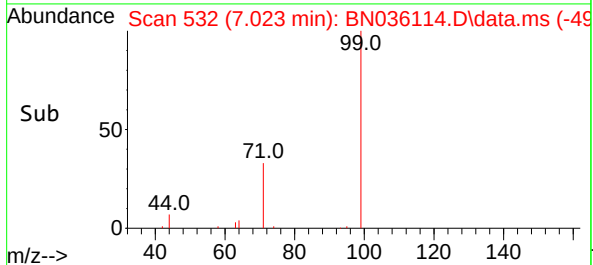
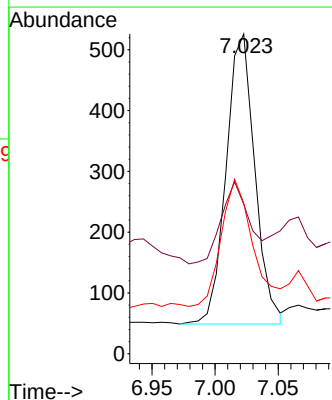
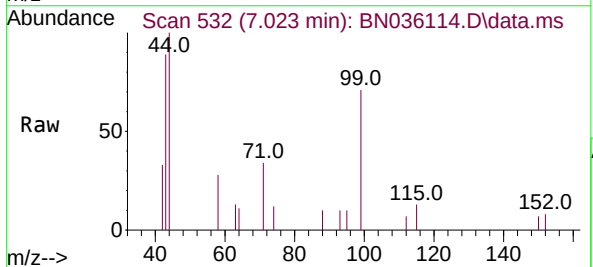
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-220-222

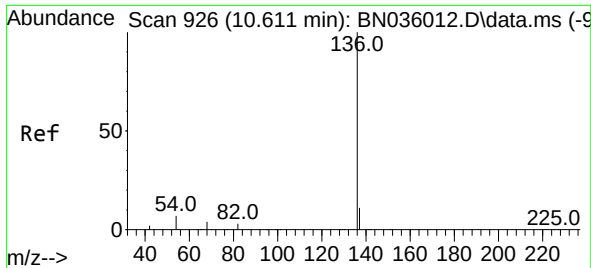
Tgt Ion:	112	Resp:	964
Ion	Ratio	Lower	Upper
112	100		
64	62.3	50.0	75.0
63	38.0	30.7	46.1



#5
Phenol-d6
Concen: 0.123 ng
RT: 7.023 min Scan# 532
Delta R.T. 0.050 min
Lab File: BN036114.D
Acq: 29 Jan 2025 19:19

Tgt Ion:	99	Resp:	755
Ion	Ratio	Lower	Upper
99	100		
42	27.7	26.8	40.2
71	54.3	36.6	55.0

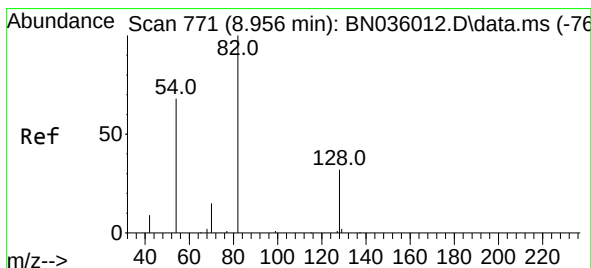
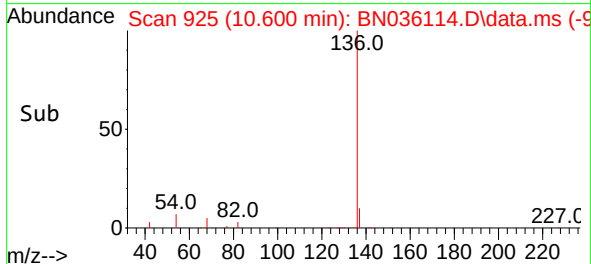
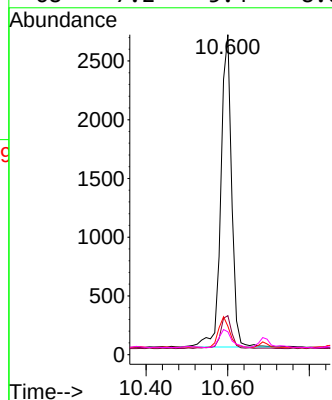
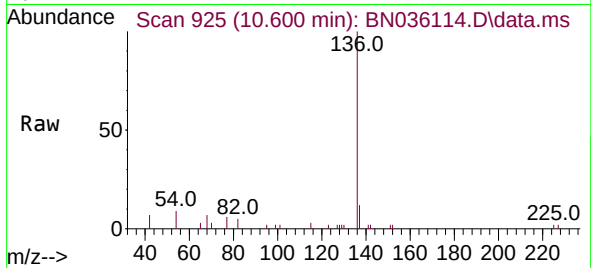




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.600 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036114.D
Acq: 29 Jan 2025 19:19

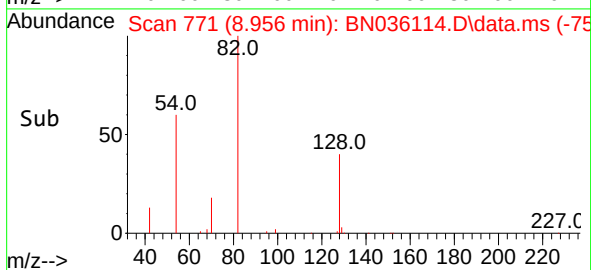
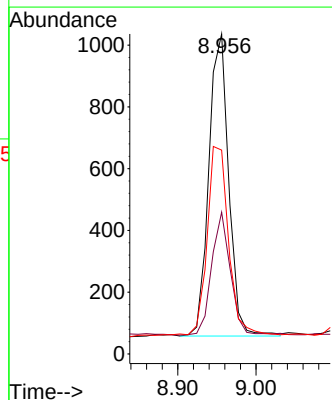
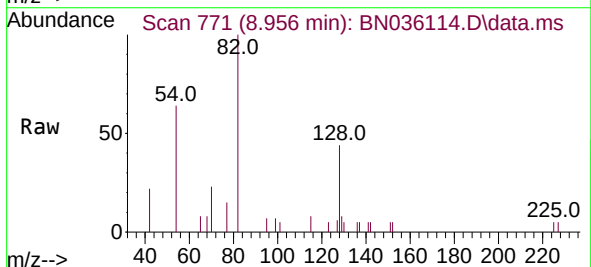
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-220-222

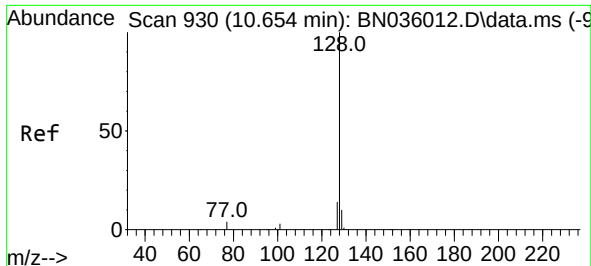
Tgt Ion:	136	Resp:	4878
Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.4	15.6
54	8.9	7.7	11.5
68	7.2	5.4	8.0



#8
Nitrobenzene-d5
Concen: 0.377 ng
RT: 8.956 min Scan# 771
Delta R.T. -0.000 min
Lab File: BN036114.D
Acq: 29 Jan 2025 19:19

Tgt Ion:	82	Resp:	1735
Ion	Ratio	Lower	Upper
82	100		
128	44.3	28.8	43.2#
54	63.7	55.8	83.8

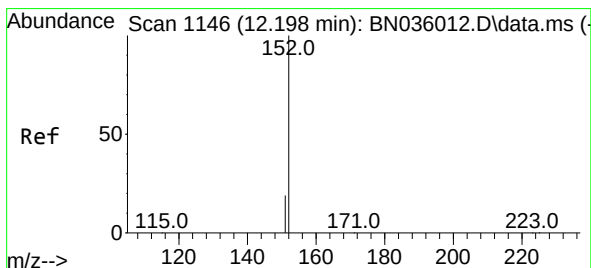
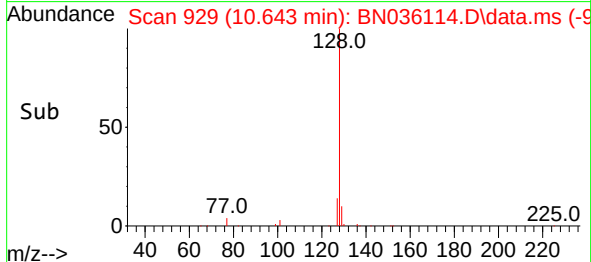
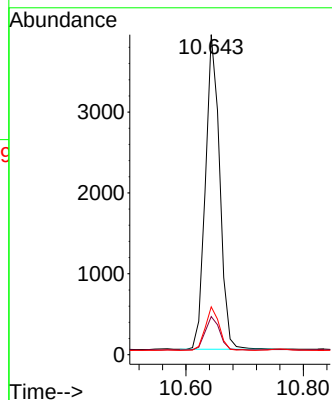
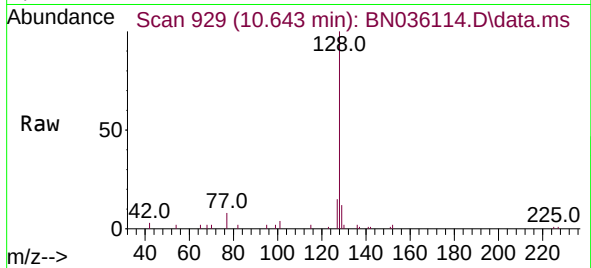




#9
Naphthalene
Concen: 0.463 ng
RT: 10.643 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036114.D
Acq: 29 Jan 2025 19:19

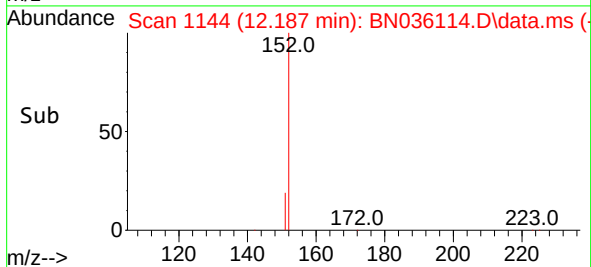
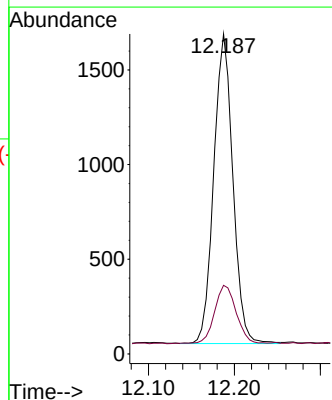
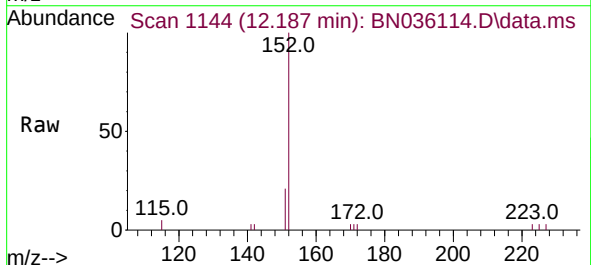
Instrument :
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ClientSampleId :
BP-VPB-192-GW-220-222

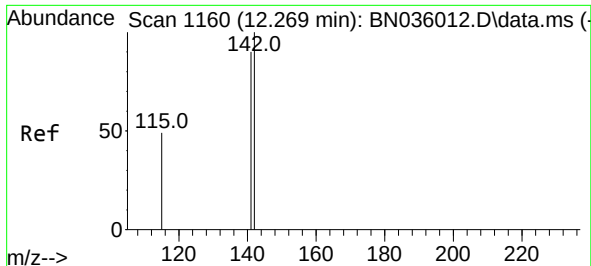
Tgt Ion:128 Resp: 6561
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.2
127 15.0 12.6 19.0



#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.187 min Scan# 1144
Delta R.T. -0.010 min
Lab File: BN036114.D
Acq: 29 Jan 2025 19:19

Tgt Ion:152 Resp: 2524
Ion Ratio Lower Upper
152 100
151 21.2 16.6 25.0

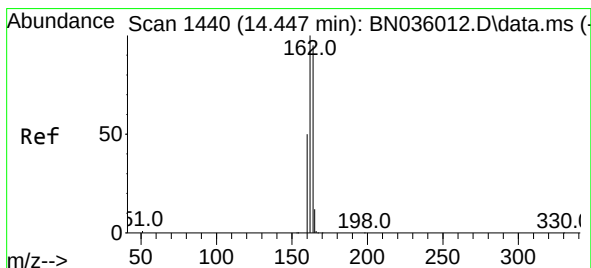
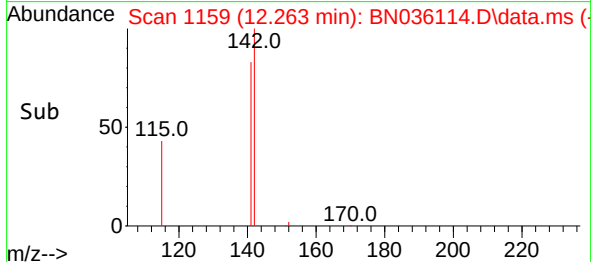
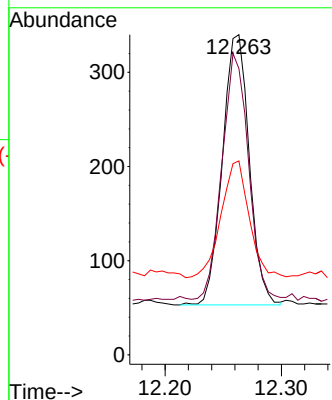
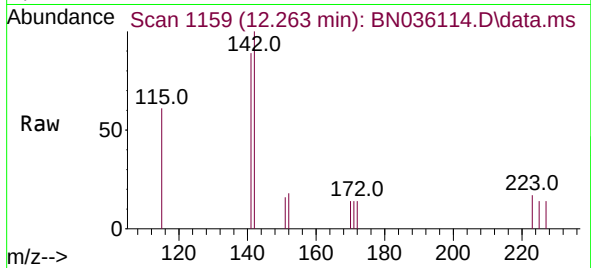




#12
2-Methylnaphthalene
Concen: 0.052 ng
RT: 12.263 min Scan# 1160
Delta R.T. -0.005 min
Lab File: BN036114.D
Acq: 29 Jan 2025 19:19

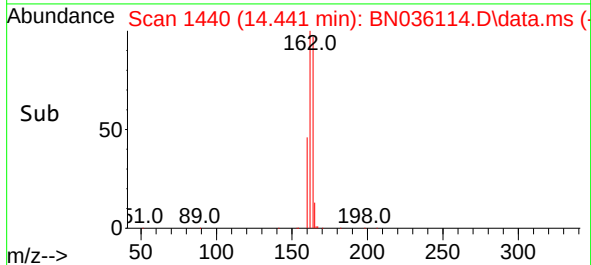
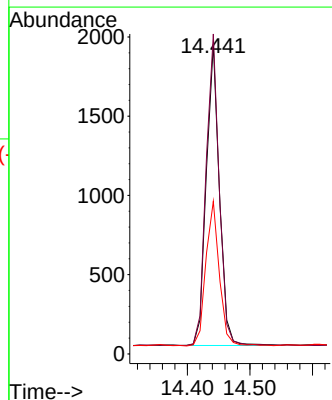
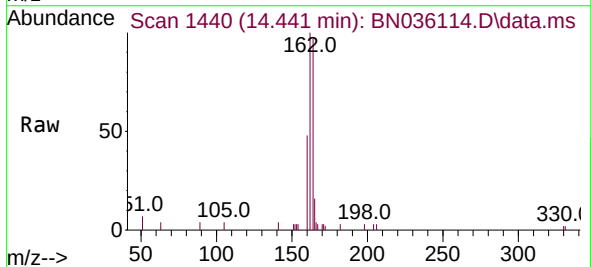
Instrument :
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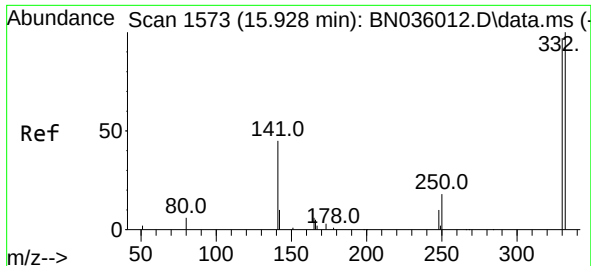
Tgt Ion:142 Resp: 460
Ion Ratio Lower Upper
142 100
141 89.4 72.2 108.2
115 60.6 41.2 61.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.441 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BN036114.D
Acq: 29 Jan 2025 19:19

Tgt Ion:164 Resp: 2770
Ion Ratio Lower Upper
164 100
162 103.4 84.1 126.1
160 49.3 43.8 65.8

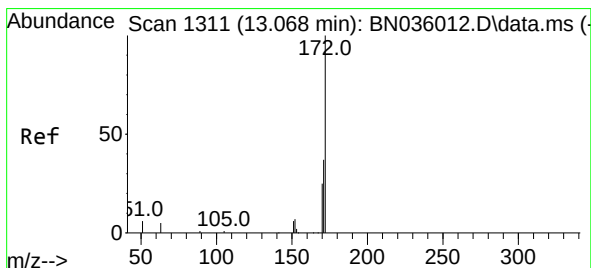
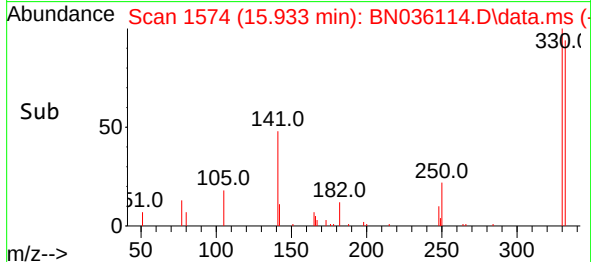
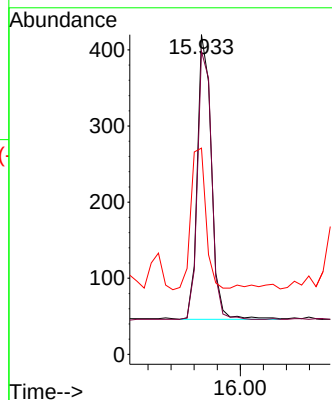
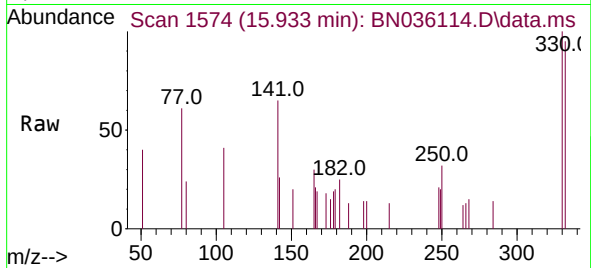




#14
2,4,6-Tribromophenol
Concen: 0.356 ng
RT: 15.933 min Scan# 1574
Delta R.T. 0.005 min
Lab File: BN036114.D
Acq: 29 Jan 2025 19:19

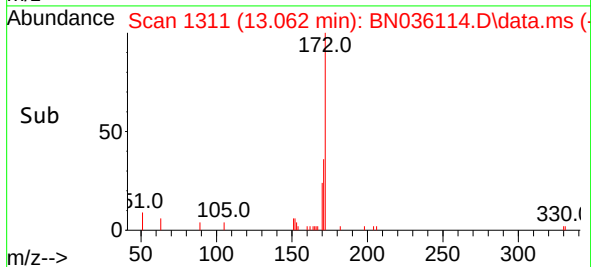
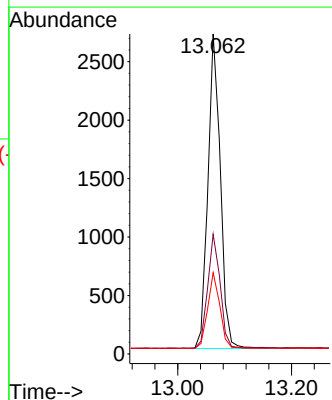
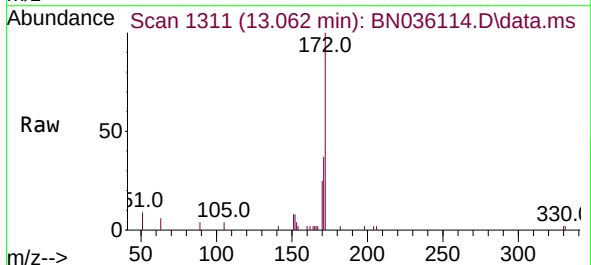
Instrument :
BNA_N
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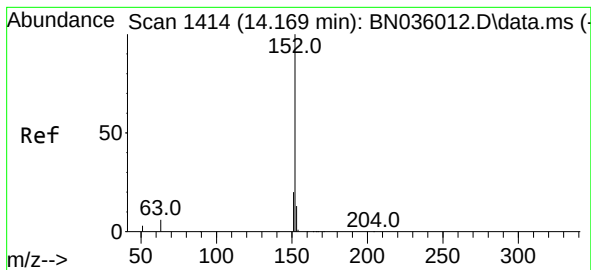
Tgt Ion:330 Resp: 633
Ion Ratio Lower Upper
330 100
332 94.9 81.0 121.4
141 53.7 36.7 55.1



#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 13.062 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BN036114.D
Acq: 29 Jan 2025 19:19

Tgt Ion:172 Resp: 3954
Ion Ratio Lower Upper
172 100
171 37.4 30.9 46.3
170 25.4 21.2 31.8





#16

Acenaphthylene

Concen: 0.238 ng

RT: 14.163 min Scan# 1414

Delta R.T. -0.006 min

Lab File: BN036114.D

Acq: 29 Jan 2025 19:19

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-220-222

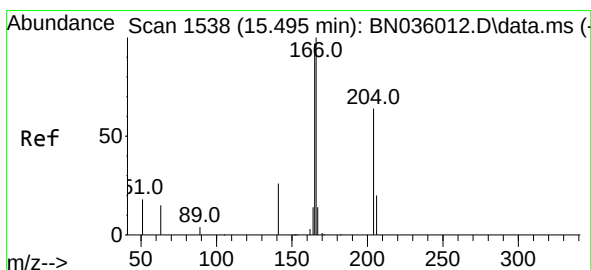
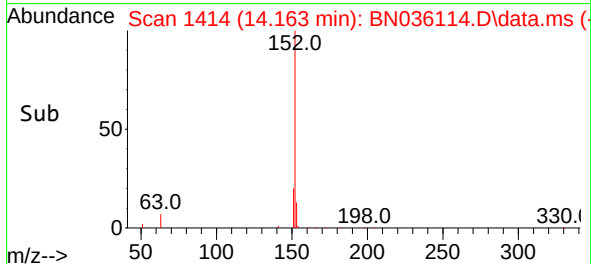
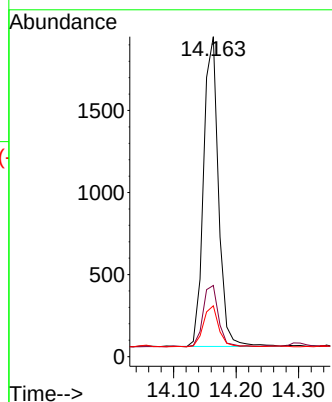
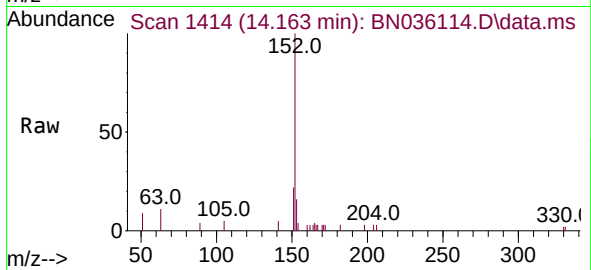
Tgt Ion:152 Resp: 3125

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.2

153 13.8 10.4 15.6



#18

Fluorene

Concen: 0.064 ng

RT: 15.489 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BN036114.D

Acq: 29 Jan 2025 19:19

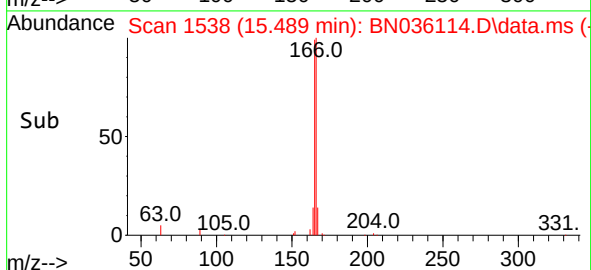
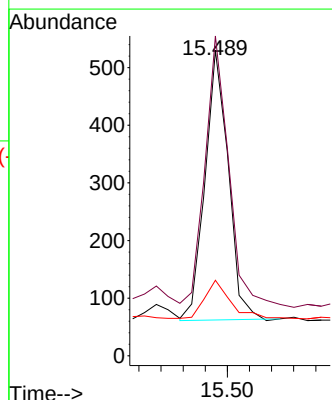
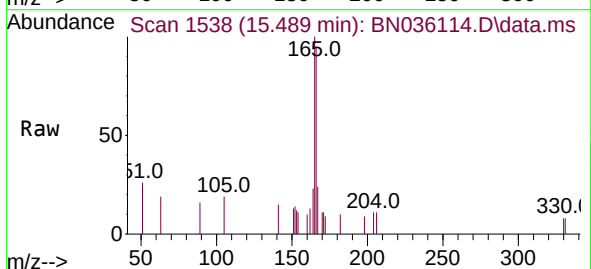
Tgt Ion:166 Resp: 718

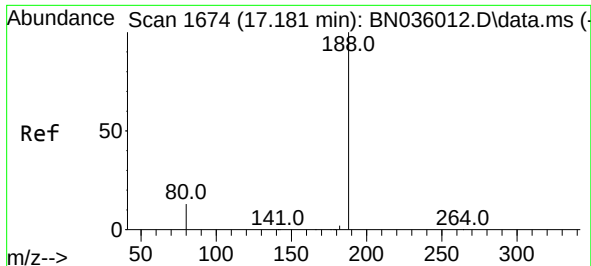
Ion Ratio Lower Upper

166 100

165 103.9 78.5 117.7

167 16.2 10.7 16.1#

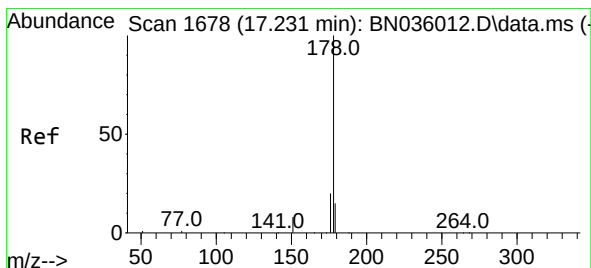
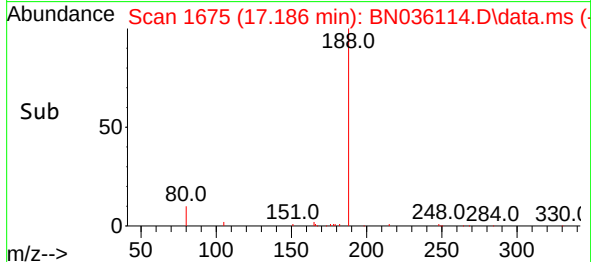
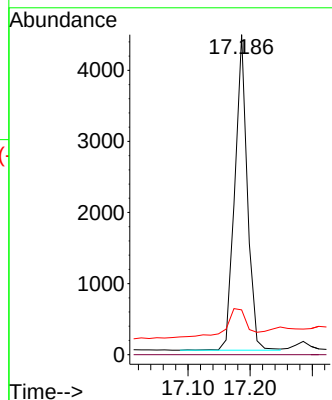
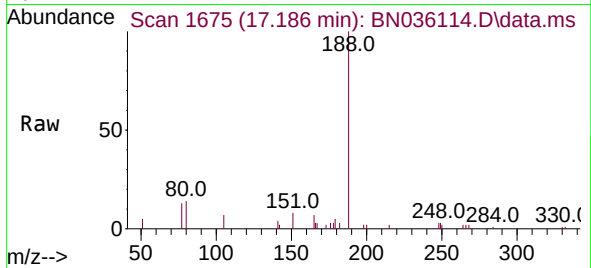




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1675
Delta R.T. 0.005 min
Lab File: BN036114.D
Acq: 29 Jan 2025 19:19

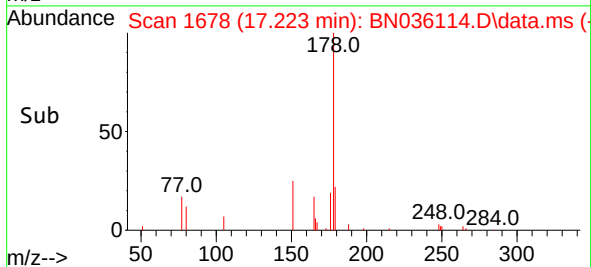
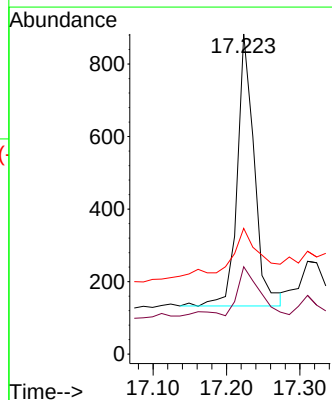
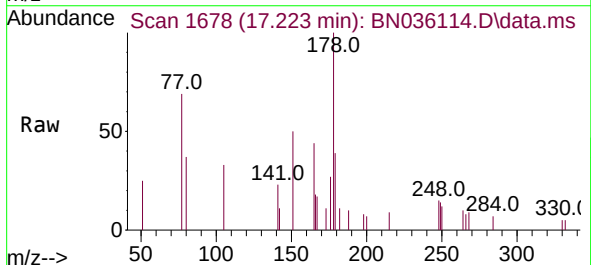
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-220-222

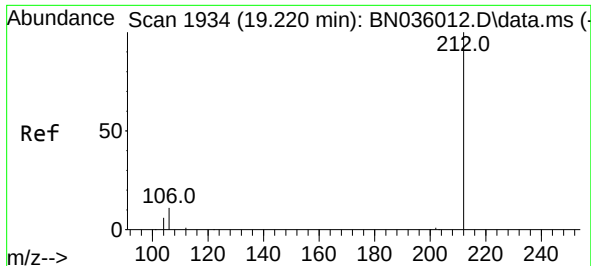
Tgt Ion:188 Resp: 6230
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 12.3 18.5



#25
Phenanthrene
Concen: 0.065 ng
RT: 17.223 min Scan# 1678
Delta R.T. -0.007 min
Lab File: BN036114.D
Acq: 29 Jan 2025 19:19

Tgt Ion:178 Resp: 1212
Ion Ratio Lower Upper
178 100
176 22.5 16.0 24.0
179 22.4 12.4 18.6#

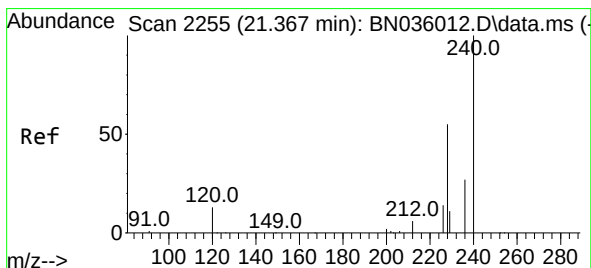
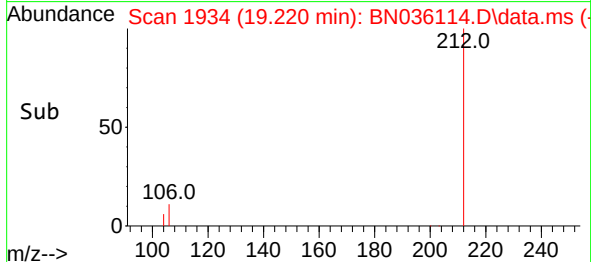
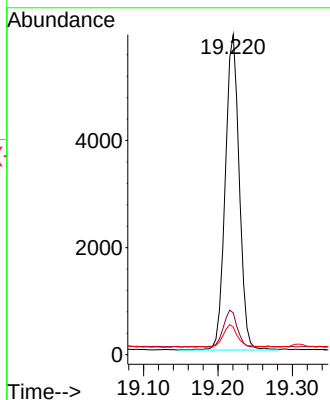
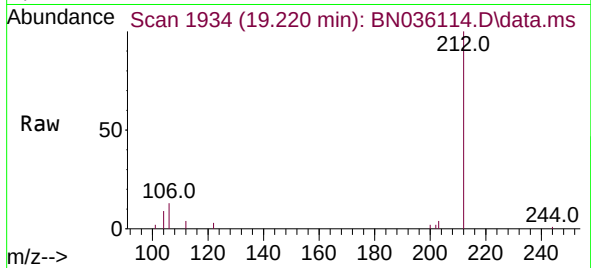




#27
Fluoranthene-d10
Concen: 0.478 ng
RT: 19.220 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BN036114.D
Acq: 29 Jan 2025 19:19

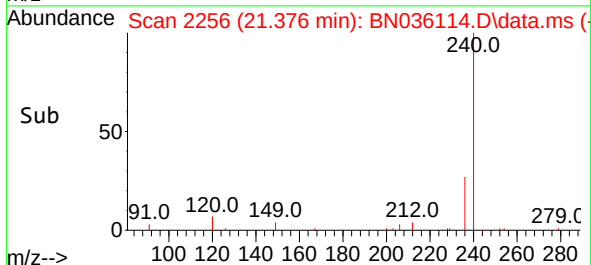
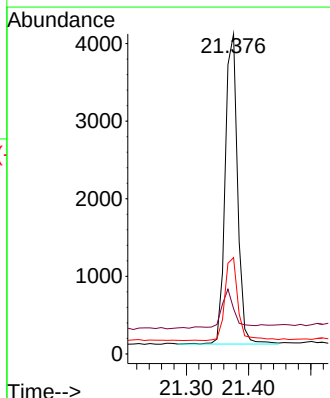
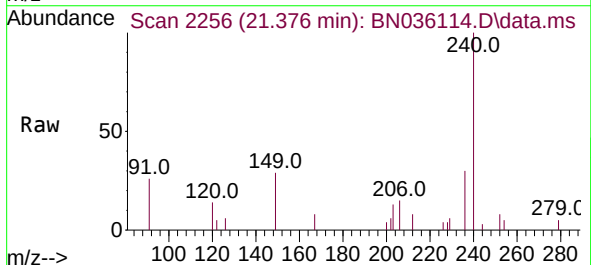
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-220-222

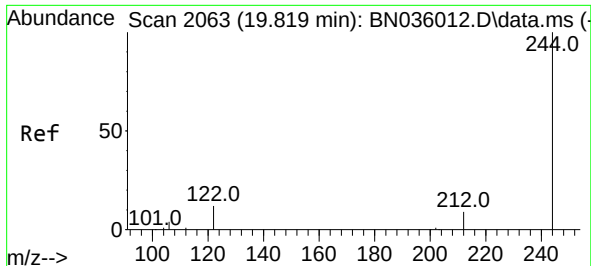
Tgt Ion:212 Resp: 7712
Ion Ratio Lower Upper
212 100
106 11.5 9.7 14.5
104 7.4 6.0 9.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2256
Delta R.T. 0.009 min
Lab File: BN036114.D
Acq: 29 Jan 2025 19:19

Tgt Ion:240 Resp: 5536
Ion Ratio Lower Upper
240 100
120 14.1 13.9 20.9
236 30.1 23.7 35.5

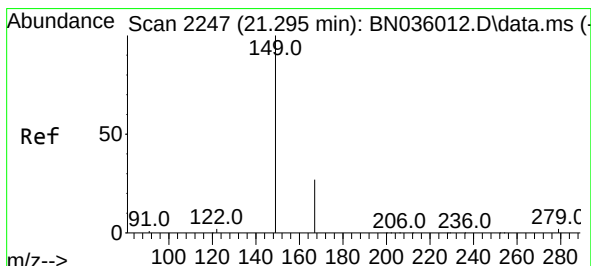
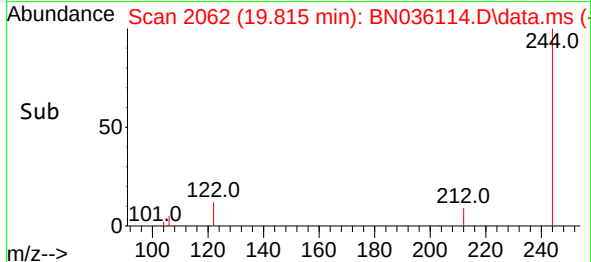
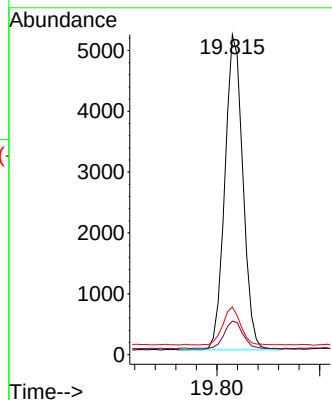
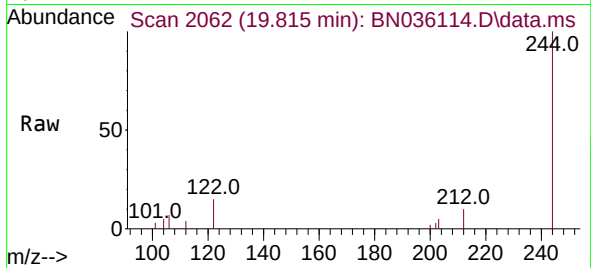




#31
 Terphenyl-d14
 Concen: 0.549 ng
 RT: 19.815 min Scan# 2063
 Delta R.T. -0.004 min
 Lab File: BN036114.D
 Acq: 29 Jan 2025 19:19

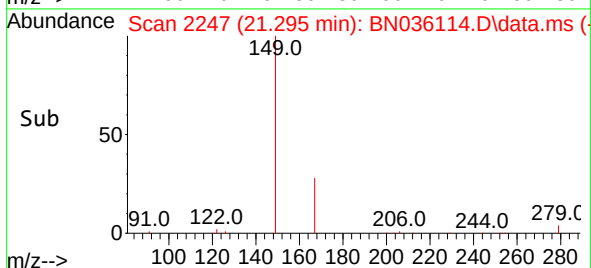
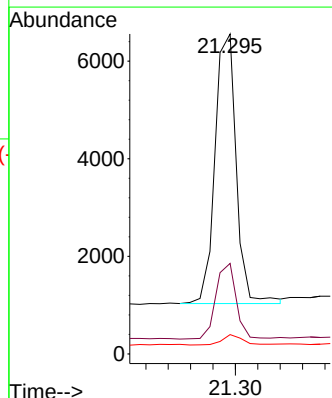
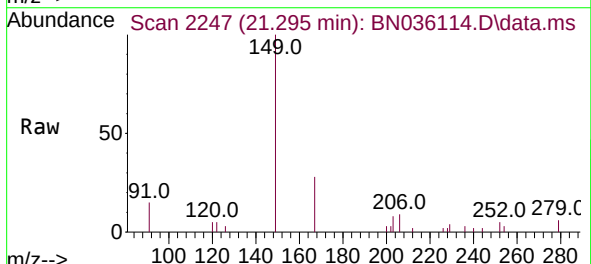
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-220-222

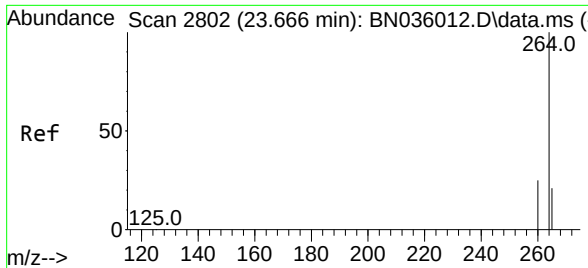
Tgt Ion:244 Resp: 6318
 Ion Ratio Lower Upper
 244 100
 212 10.5 9.1 13.7
 122 14.9 11.3 16.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.662 ng
 RT: 21.295 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BN036114.D
 Acq: 29 Jan 2025 19:19

Tgt Ion:149 Resp: 7282
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.9 32.9
 279 3.8 3.0 4.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.675 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: BN036114.D
 Acq: 29 Jan 2025 19:19

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-220-222

Tgt Ion:	264	Resp:	5180
Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.8	32.6
265	123.2	56.6	84.8

