

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
 Data File : BN036123.D
 Acq On : 30 Jan 2025 00:43
 Operator : RC/JU
 Sample : Q1173-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB192-HYD-20250122

Quant Time: Jan 30 01:51:53 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)

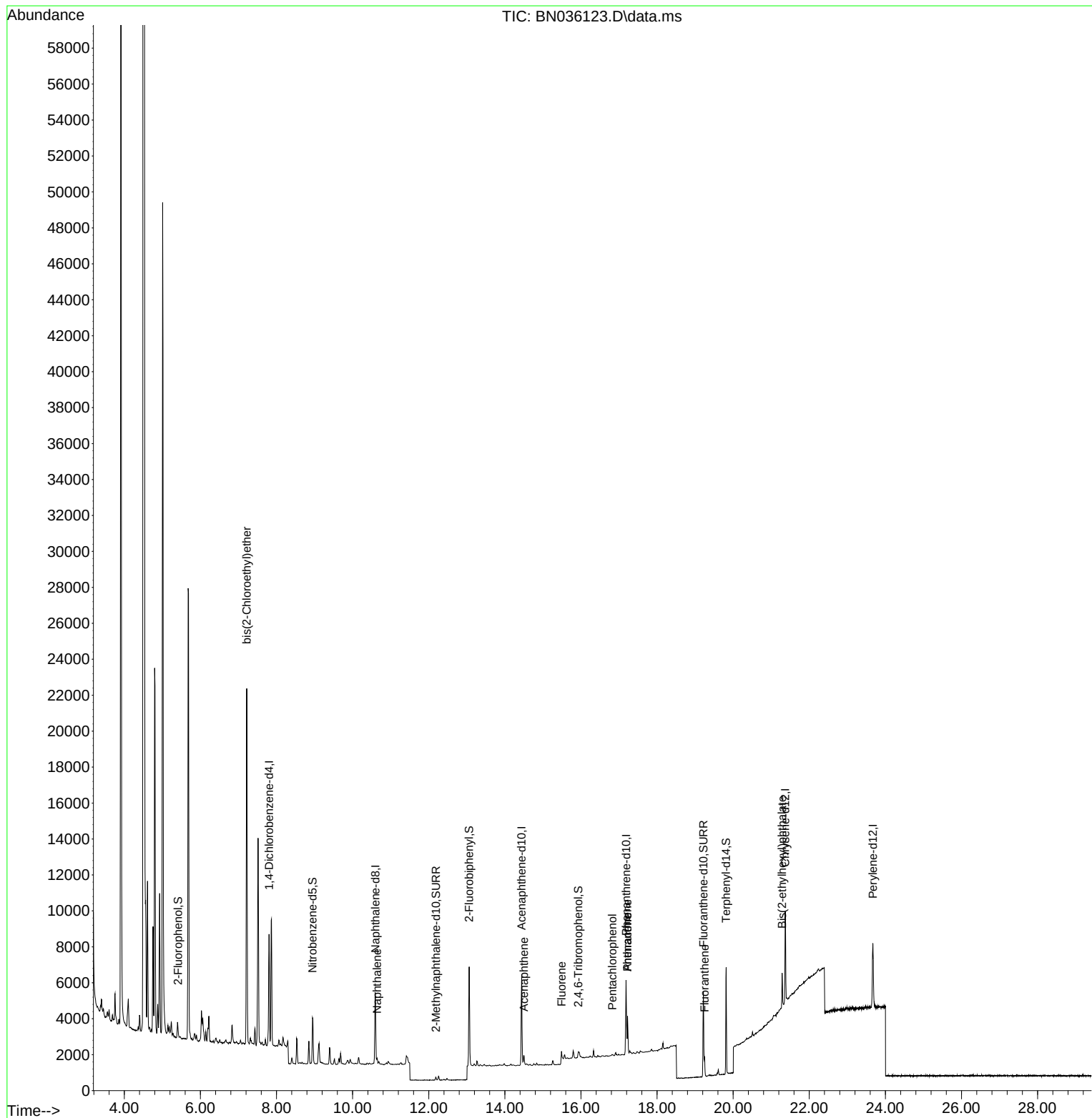
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	2520	0.400	ng	-0.01
7) Naphthalene-d8	10.600	136	5602	0.400	ng	-0.01
13) Acenaphthene-d10	14.441	164	2998	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	5695	0.400	ng	# 0.00
29) Chrysene-d12	21.367	240	4766	0.400	ng	0.00
35) Perylene-d12	23.672	264	4937	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.412	112	151	0.023	ng	0.02
5) Phenol-d6	6.950	99	7	0.001	ng	-0.02
8) Nitrobenzene-d5	8.945	82	2126	0.402	ng	-0.01
11) 2-Methylnaphthalene-d10	12.187	152	264	0.035	ng	-0.01
14) 2,4,6-Tribromophenol	15.933	330	152	0.079	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	4742	0.354	ng	0.00
27) Fluoranthene-d10	19.216	212	5274	0.358	ng	0.00
31) Terphenyl-d14	19.815	244	5542	0.560	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.218	93	11489	1.854	ng	# 40
9) Naphthalene	10.643	128	436	0.027	ng	# 66
17) Acenaphthene	14.506	154	300	0.031	ng	98
18) Fluorene	15.489	166	525	0.043	ng	98
24) Pentachlorophenol	16.826	266	54	0.023	ng	# 15
25) Phenanthrene	17.223	178	2146	0.125	ng	98
26) Anthracene	17.223	178	2137	0.137	ng	99
28) Fluoranthene	19.248	202	785	0.039	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.286	149	1817	0.192	ng	98

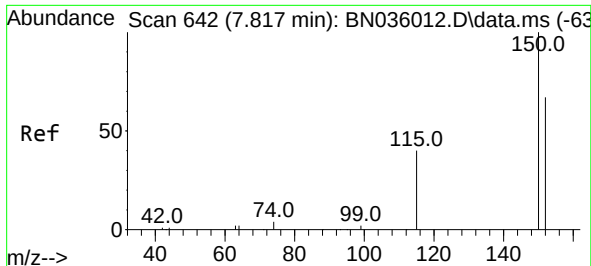
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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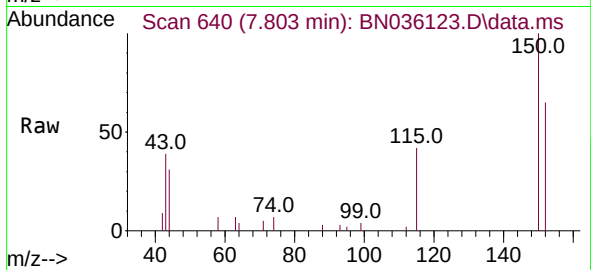
Quant Time: Jan 30 01:51:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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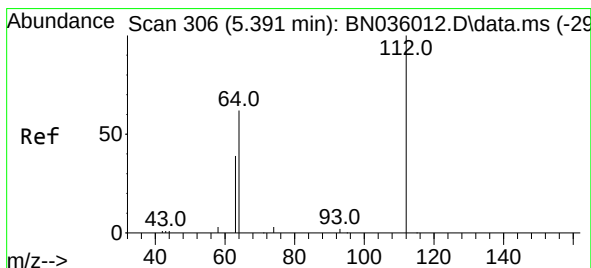
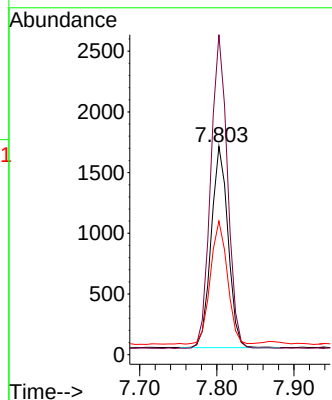
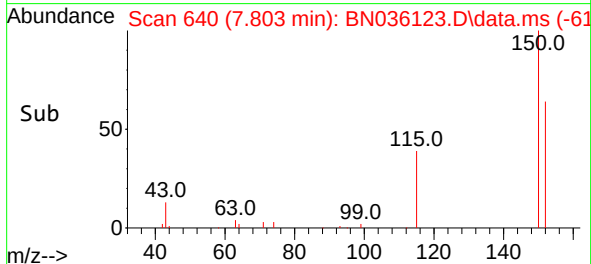


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.803 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN036123.D
Acq: 30 Jan 2025 00:43

Instrument :
BNA_N
ClientSampleId :
VPB192-HYD-20250122

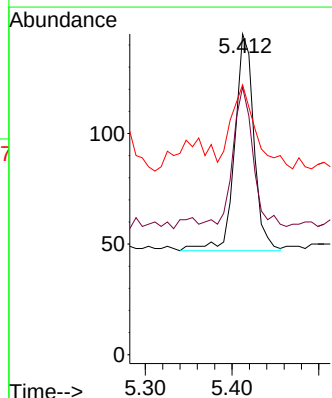
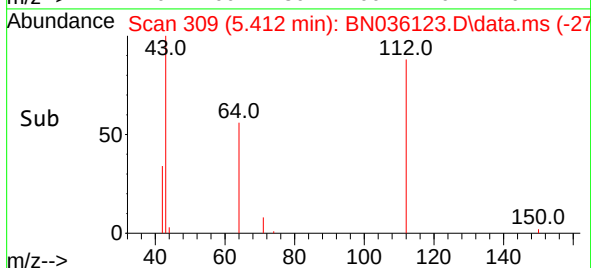
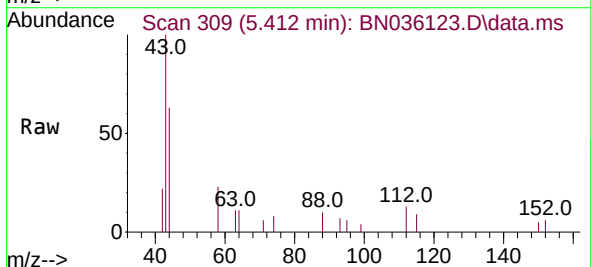


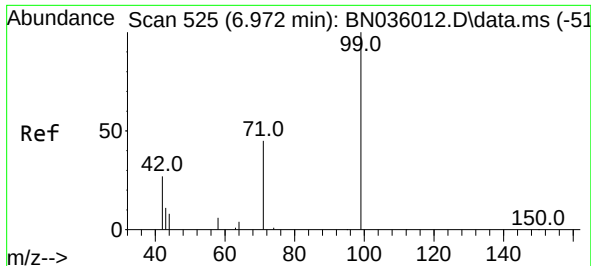
Tgt Ion:152 Resp: 2520
Ion Ratio Lower Upper
152 100
150 153.6 117.4 176.2
115 64.1 51.0 76.4



#4
2-Fluorophenol
Concen: 0.023 ng
RT: 5.412 min Scan# 309
Delta R.T. 0.022 min
Lab File: BN036123.D
Acq: 30 Jan 2025 00:43

Tgt Ion:112 Resp: 151
Ion Ratio Lower Upper
112 100
64 66.9 50.0 75.0
63 51.0 30.7 46.1#

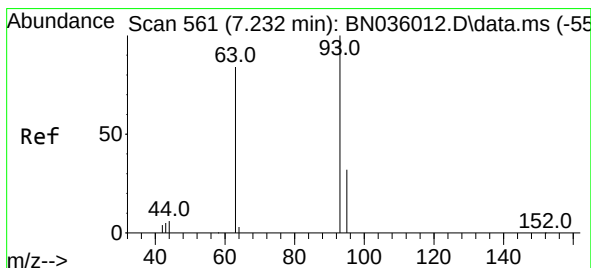
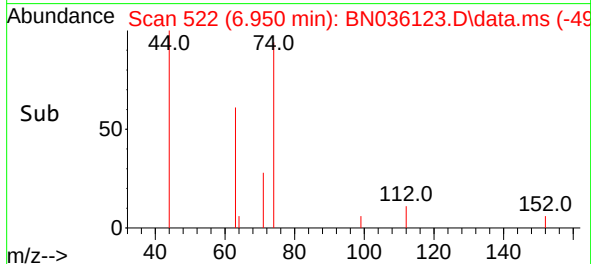
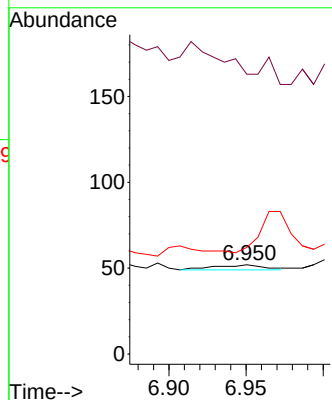
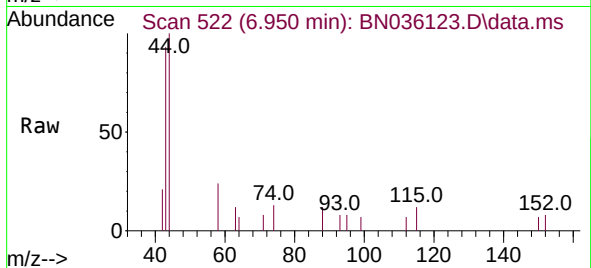




#5
Phenol-d6
Concen: 0.001 ng
RT: 6.950 min Scan# 51
Delta R.T. -0.022 min
Lab File: BN036123.D
Acq: 30 Jan 2025 00:43

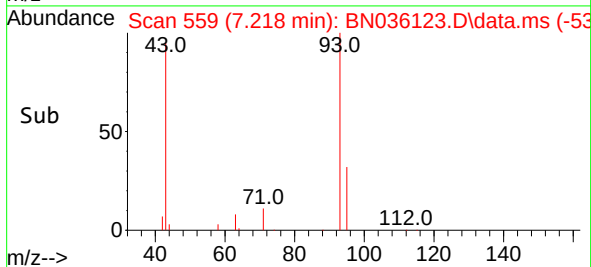
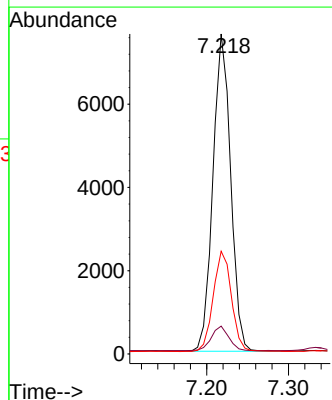
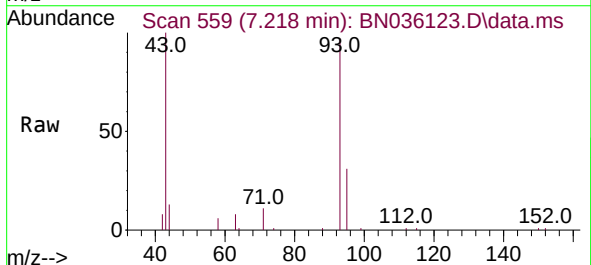
Instrument :
BNA_N
ClientSampleId :
VPB192-HYD-20250122

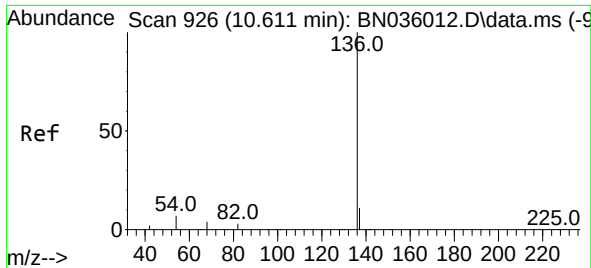
Tgt Ion: 99 Resp: 7
Ion Ratio Lower Upper
99 100
42 0.0 26.8 40.2#
71 514.3 36.6 55.0#



#6
bis(2-Chloroethyl)ether
Concen: 1.854 ng
RT: 7.218 min Scan# 559
Delta R.T. -0.015 min
Lab File: BN036123.D
Acq: 30 Jan 2025 00:43

Tgt Ion: 93 Resp: 11489
Ion Ratio Lower Upper
93 100
63 7.6 65.8 98.6#
95 32.6 25.8 38.6

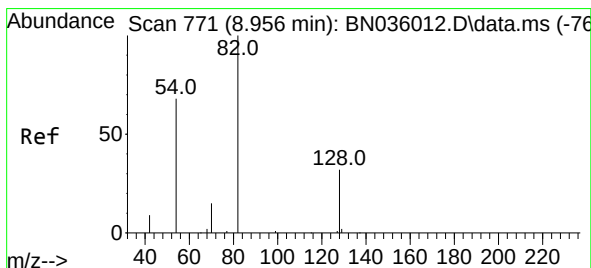
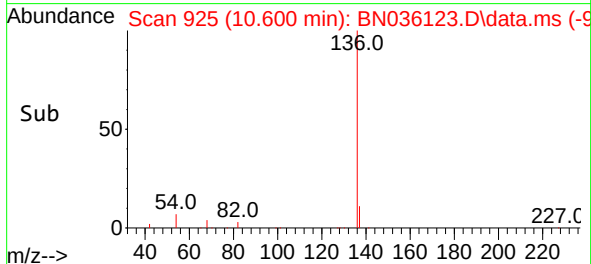
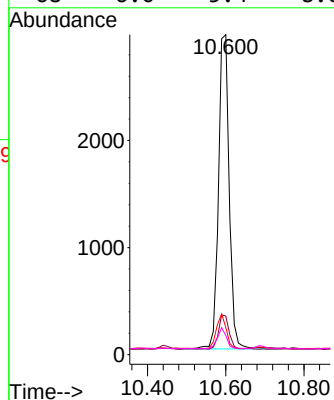
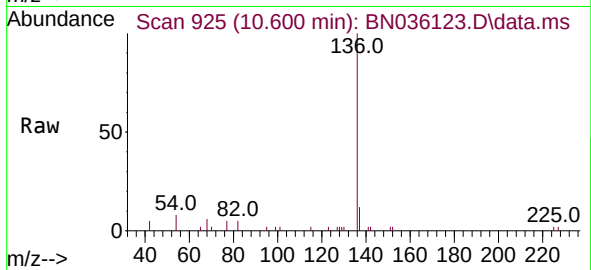




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.600 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036123.D
Acq: 30 Jan 2025 00:43

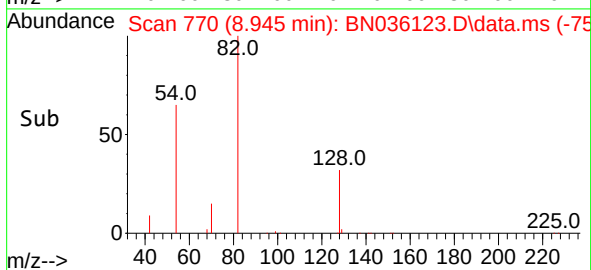
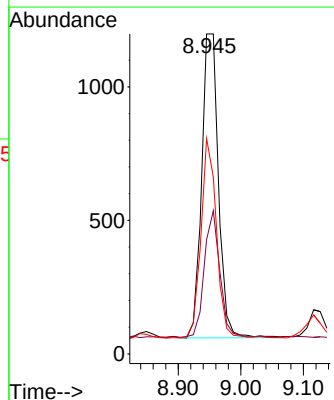
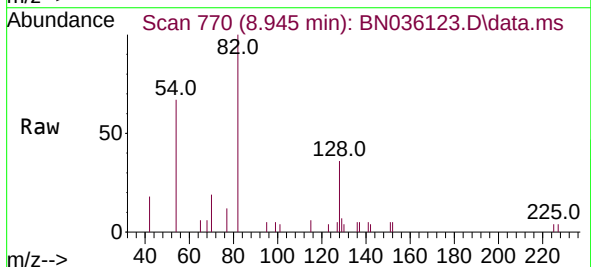
Instrument :
BNA_N
ClientSampleId :
VPB192-HYD-20250122

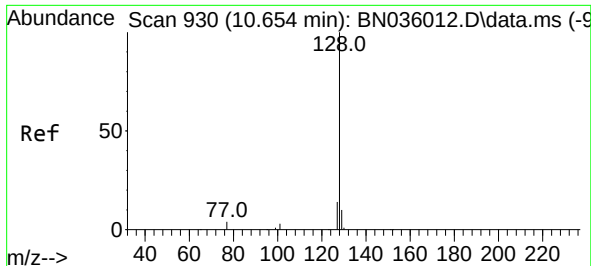
Tgt Ion:	136	Resp:	5602
Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.4	15.6
54	8.5	7.7	11.5
68	6.0	5.4	8.0



#8
Nitrobenzene-d5
Concen: 0.402 ng
RT: 8.945 min Scan# 770
Delta R.T. -0.011 min
Lab File: BN036123.D
Acq: 30 Jan 2025 00:43

Tgt Ion:	82	Resp:	2126
Ion	Ratio	Lower	Upper
82	100		
128	35.7	28.8	43.2
54	67.4	55.8	83.8

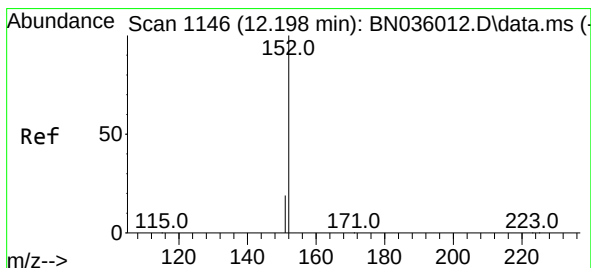
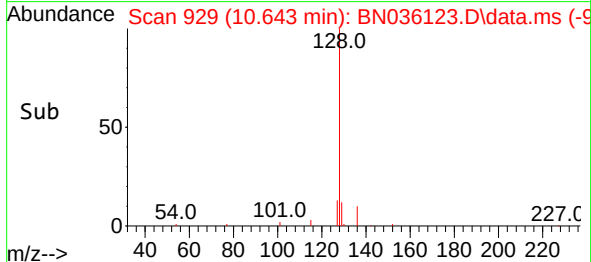
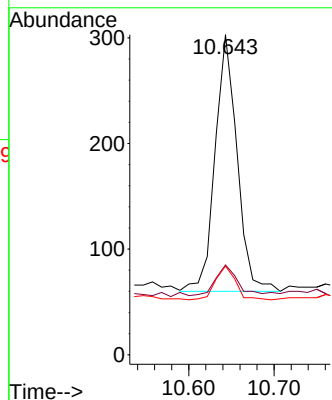
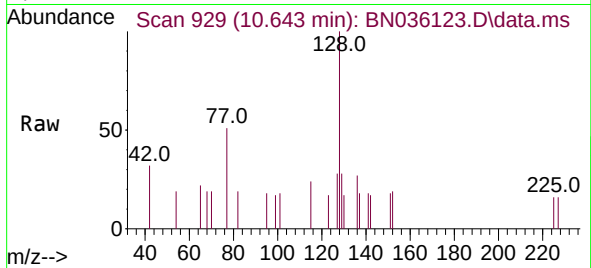




#9
Naphthalene
Concen: 0.027 ng
RT: 10.643 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036123.D
Acq: 30 Jan 2025 00:43

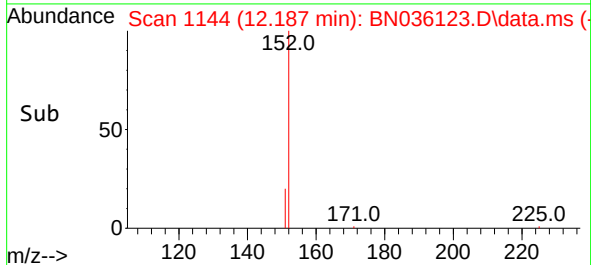
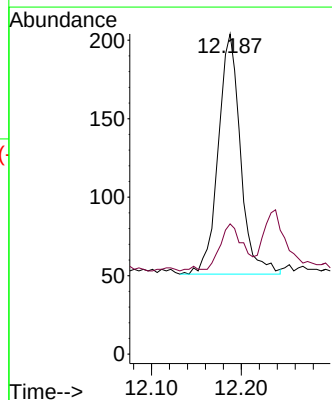
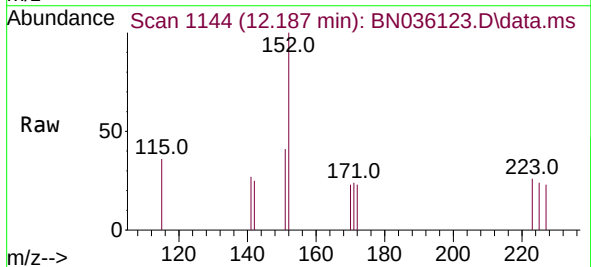
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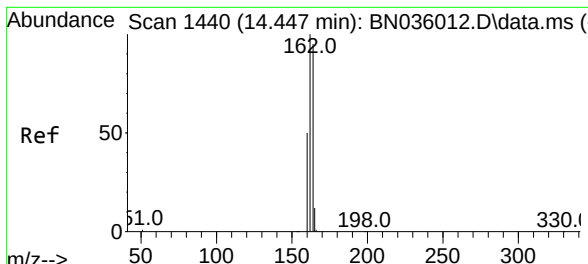
Tgt Ion:128 Resp: 436
Ion Ratio Lower Upper
128 100
129 28.1 9.4 14.2#
127 27.7 12.6 19.0#



#11
2-Methylnaphthalene-d10
Concen: 0.035 ng
RT: 12.187 min Scan# 1144
Delta R.T. -0.010 min
Lab File: BN036123.D
Acq: 30 Jan 2025 00:43

Tgt Ion:152 Resp: 264
Ion Ratio Lower Upper
152 100
151 19.7 16.6 25.0

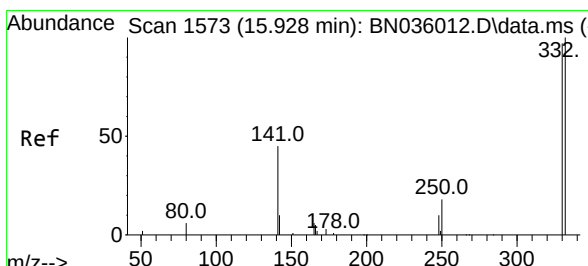
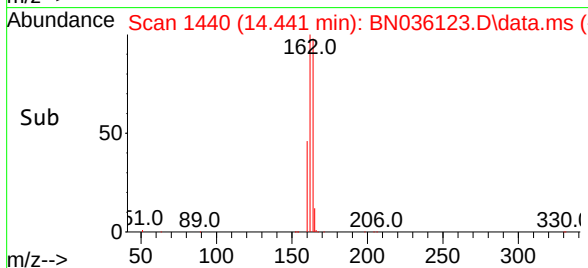
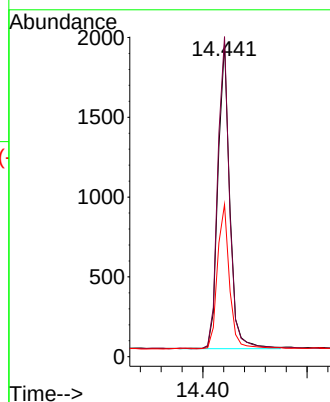
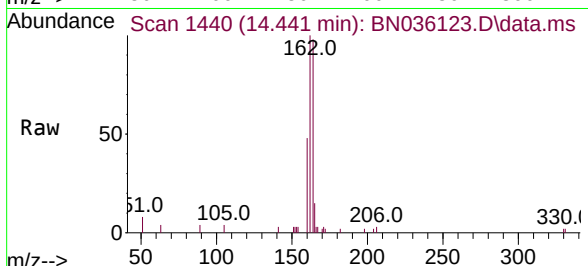




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.441 min Scan# 1440
 Delta R.T. -0.006 min
 Lab File: BN036123.D
 Acq: 30 Jan 2025 00:43

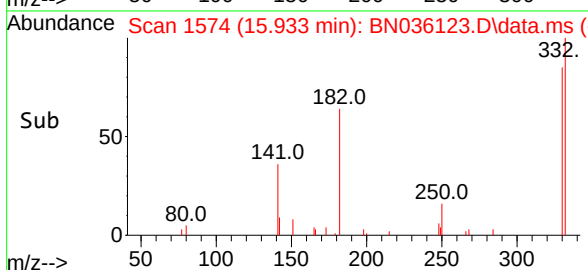
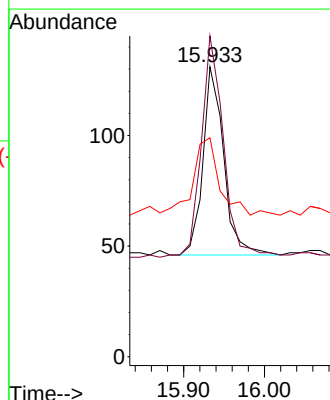
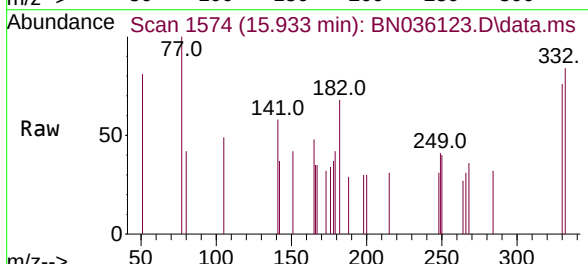
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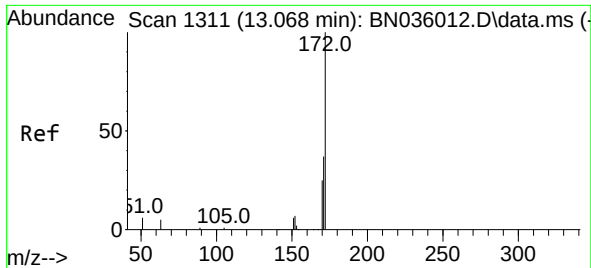
Tgt Ion:	164	Resp:	2998
Ion	Ratio	Lower	Upper
164	100		
162	102.1	84.1	126.1
160	48.5	43.8	65.8



#14
 2,4,6-Tribromophenol
 Concen: 0.079 ng
 RT: 15.933 min Scan# 1574
 Delta R.T. 0.005 min
 Lab File: BN036123.D
 Acq: 30 Jan 2025 00:43

Tgt Ion:	330	Resp:	152
Ion	Ratio	Lower	Upper
330	100		
332	126.3	81.0	121.4#
141	52.6	36.7	55.1

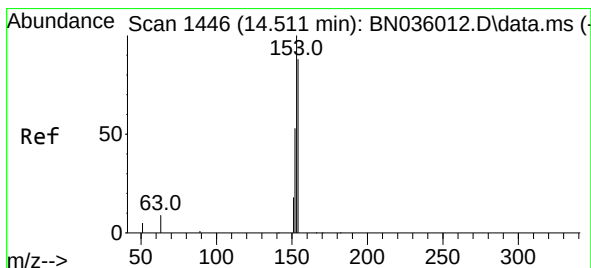
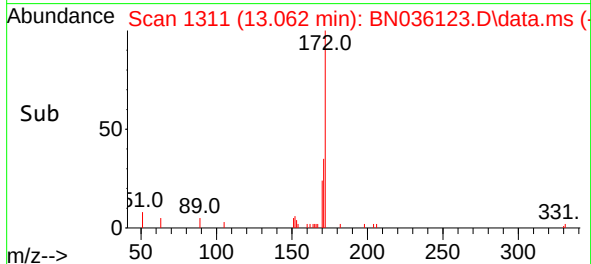
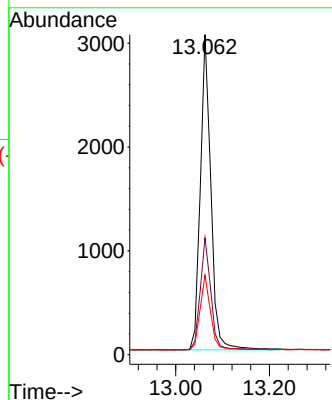
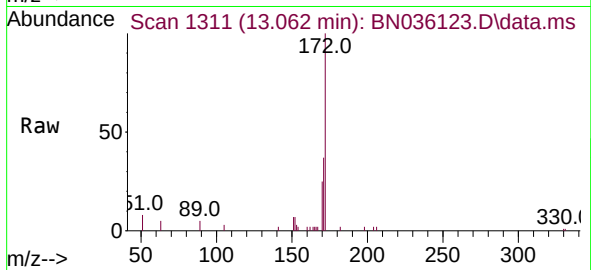




#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.062 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BN036123.D
Acq: 30 Jan 2025 00:43

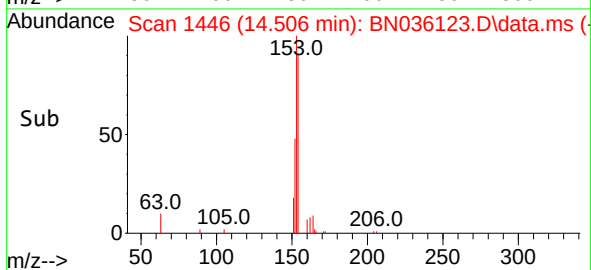
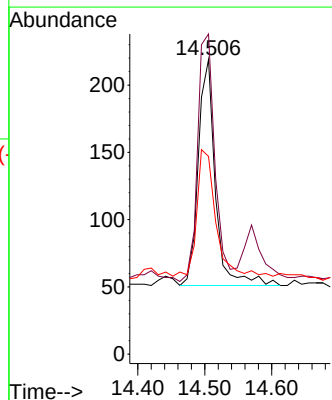
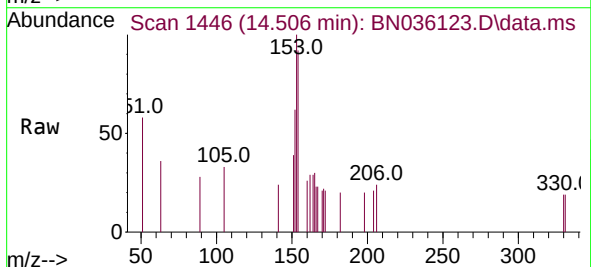
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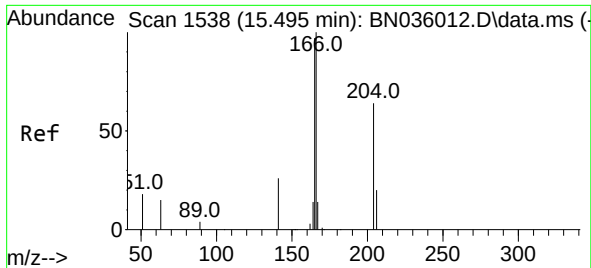
Tgt Ion:	172	Resp:	4742
Ion Ratio	Lower	Upper	
172	100		
171	36.5	30.9	46.3
170	24.9	21.2	31.8



#17
Acenaphthene
Concen: 0.031 ng
RT: 14.506 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BN036123.D
Acq: 30 Jan 2025 00:43

Tgt Ion:	154	Resp:	300
Ion Ratio	Lower	Upper	
154	100		
153	109.0	88.9	133.3
152	62.3	48.1	72.1

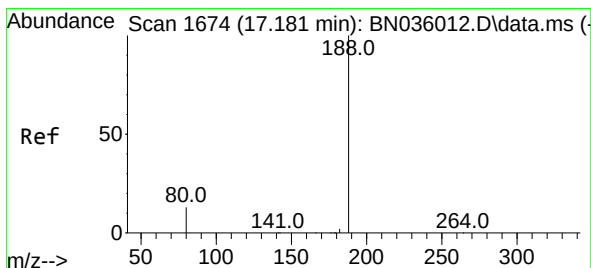
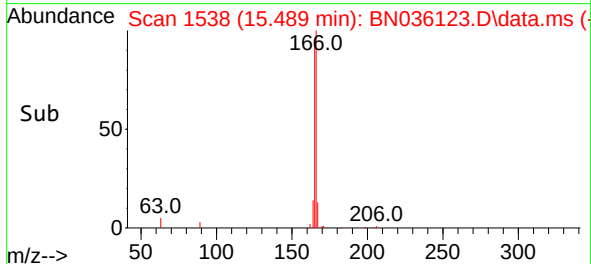
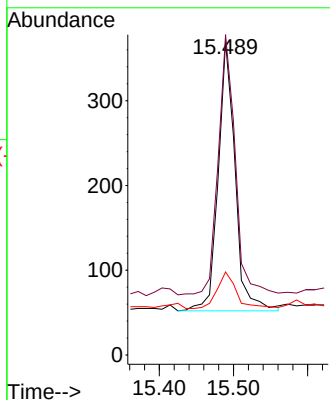
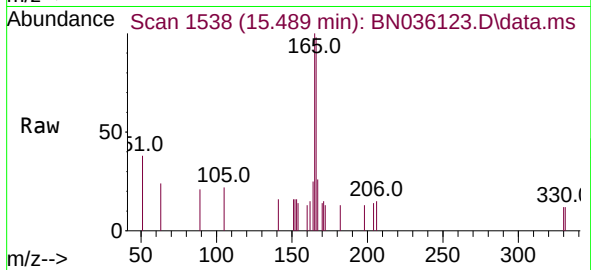




#18
 Fluorene
 Concen: 0.043 ng
 RT: 15.489 min Scan# 1538
 Delta R.T. -0.006 min
 Lab File: BN036123.D
 Acq: 30 Jan 2025 00:43

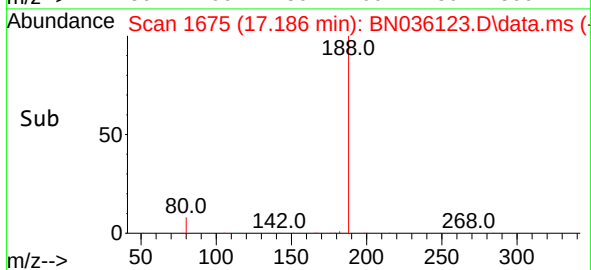
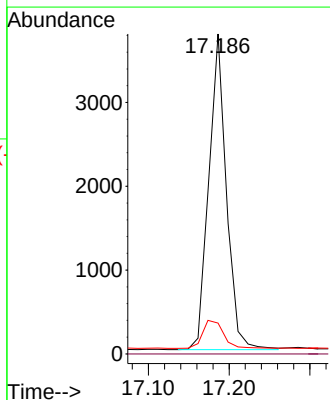
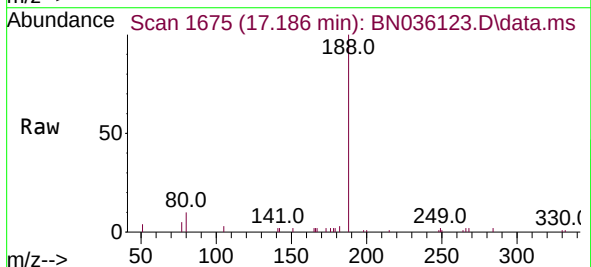
Instrument :
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 VPB192-HYD-20250122

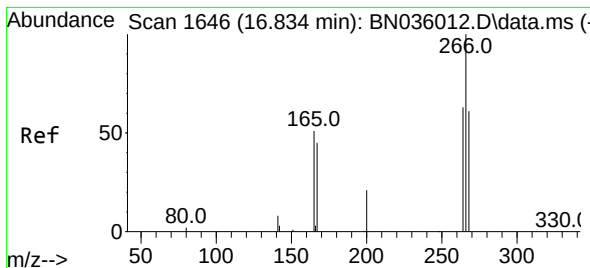
Tgt Ion:	166	Resp:	525
Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.5	117.7
167	15.4	10.7	16.1



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.186 min Scan# 1675
 Delta R.T. 0.005 min
 Lab File: BN036123.D
 Acq: 30 Jan 2025 00:43

Tgt Ion:	188	Resp:	5695
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	12.3	18.5





#24

Pentachlorophenol

Concen: 0.023 ng

RT: 16.826 min Scan# 1646

Delta R.T. -0.007 min

Lab File: BN036123.D

Acq: 30 Jan 2025 00:43

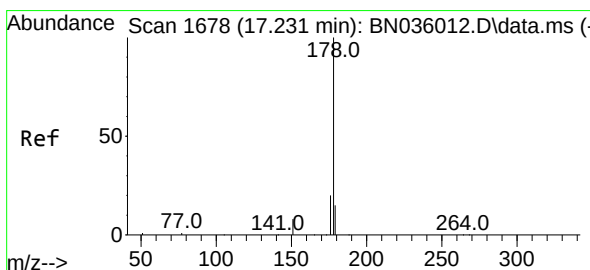
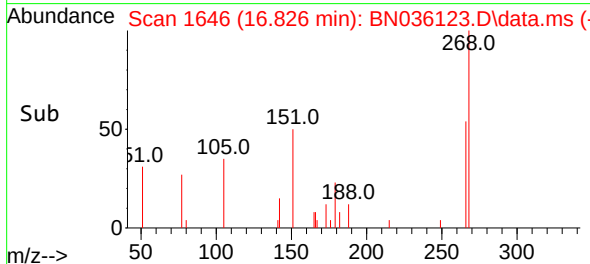
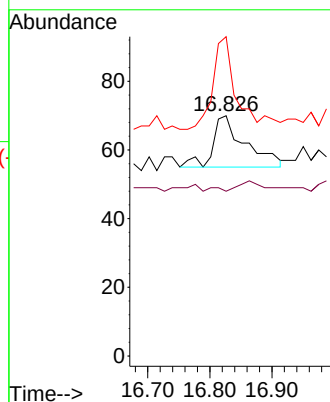
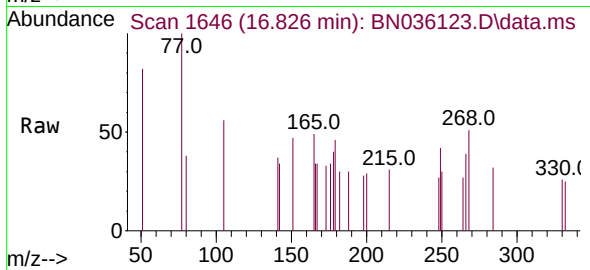
Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:	266	Resp:	54
Ion Ratio	Lower	Upper	
266	100		
264	0.0	48.2	72.2#
268	135.2	51.6	77.4#



#25

Phenanthrene

Concen: 0.125 ng

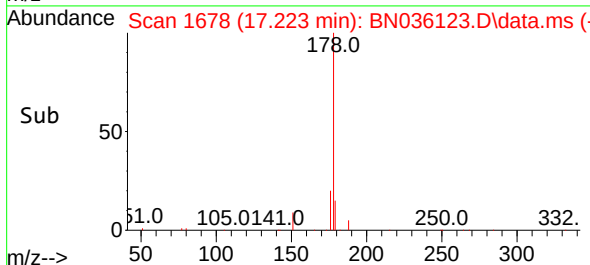
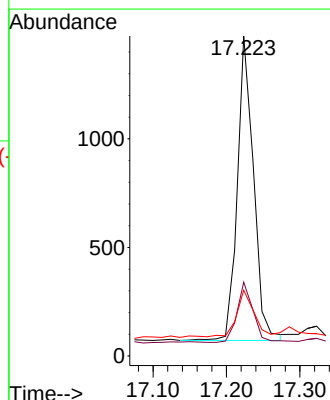
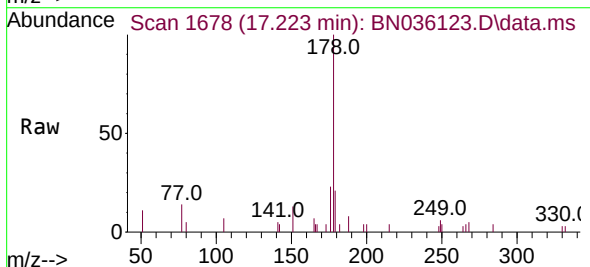
RT: 17.223 min Scan# 1678

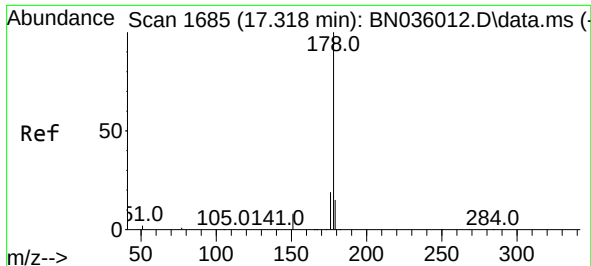
Delta R.T. -0.007 min

Lab File: BN036123.D

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Tgt Ion:	178	Resp:	2146
Ion Ratio	Lower	Upper	
178	100		
176	19.9	16.0	24.0
179	17.3	12.4	18.6

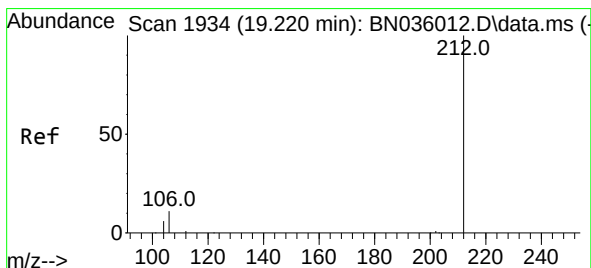
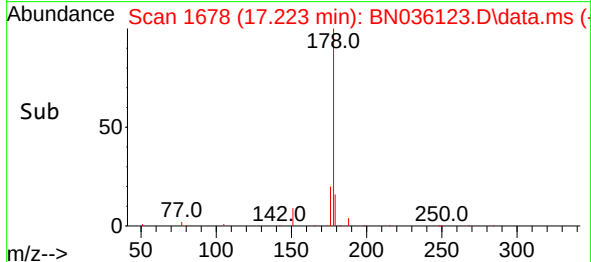
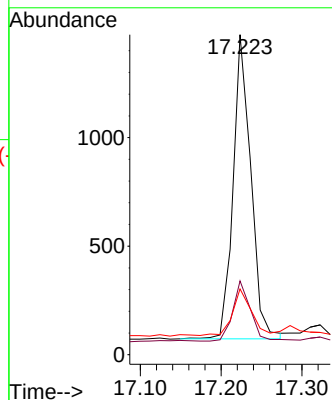
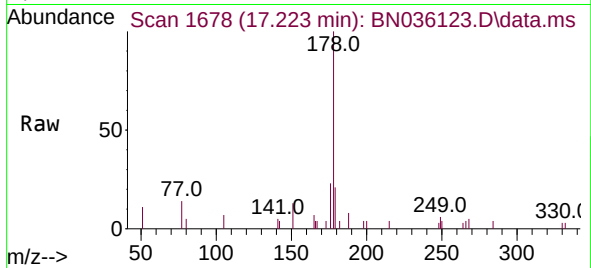




#26
 Anthracene
 Concen: 0.137 ng
 RT: 17.223 min Scan# 1685
 Delta R.T. -0.094 min
 Lab File: BN036123.D
 Acq: 30 Jan 2025 00:43

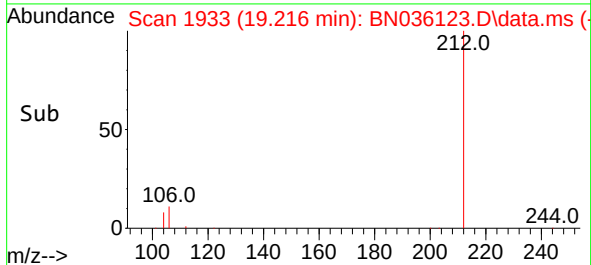
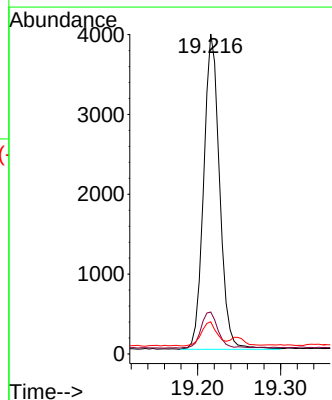
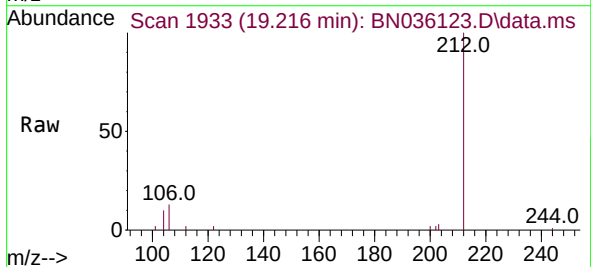
Instrument :
 BNA_N
 ClientSampleId :
 VPB192-HYD-20250122

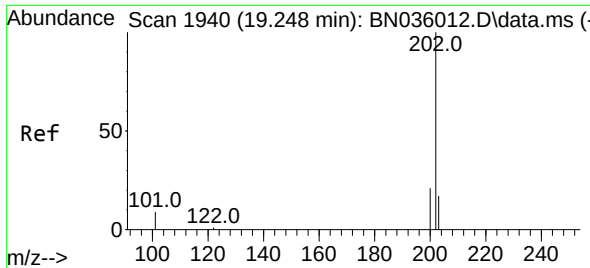
Tgt Ion:178 Resp: 2137
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.2
 179 15.4 12.0 18.0



#27
 Fluoranthene-d10
 Concen: 0.358 ng
 RT: 19.216 min Scan# 1933
 Delta R.T. -0.004 min
 Lab File: BN036123.D
 Acq: 30 Jan 2025 00:43

Tgt Ion:212 Resp: 5274
 Ion Ratio Lower Upper
 212 100
 106 12.3 9.7 14.5
 104 7.7 6.0 9.0

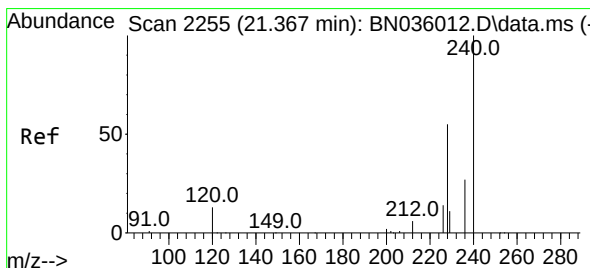
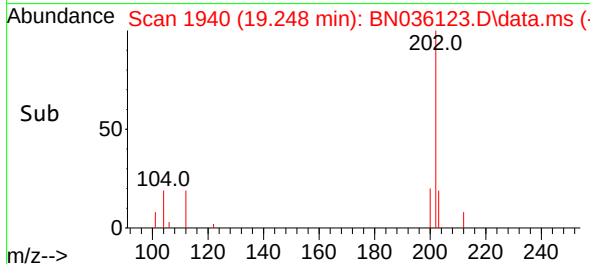
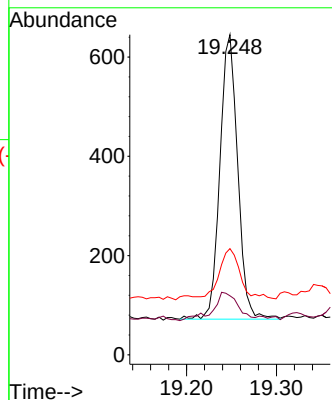
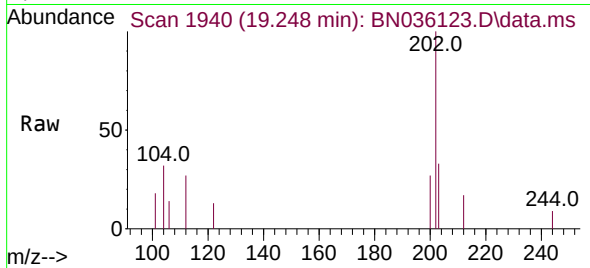




#28
Fluoranthene
Concen: 0.039 ng
RT: 19.248 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BN036123.D
Acq: 30 Jan 2025 00:43

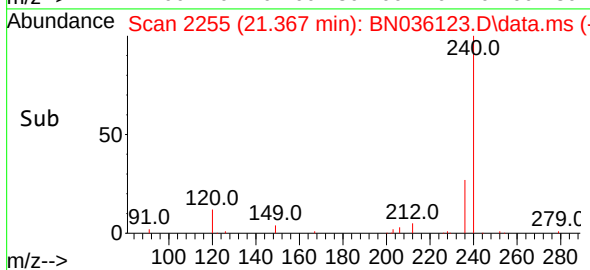
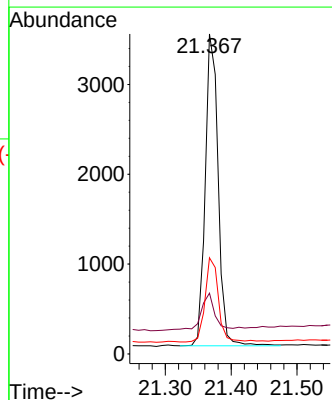
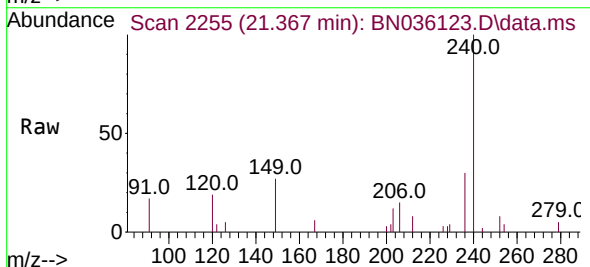
Instrument :
BNA_N
ClientSampleId :
VPB192-HYD-20250122

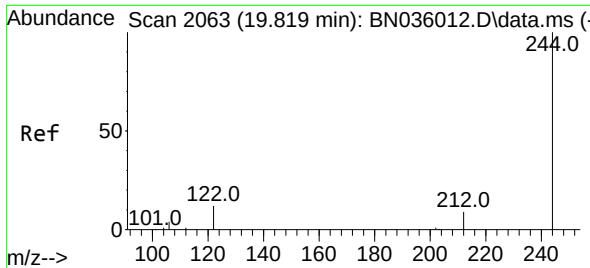
Tgt Ion:202 Resp: 785
Ion Ratio Lower Upper
202 100
101 14.0 7.6 11.4#
203 20.3 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.367 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BN036123.D
Acq: 30 Jan 2025 00:43

Tgt Ion:240 Resp: 4766
Ion Ratio Lower Upper
240 100
120 19.0 13.9 20.9
236 30.0 23.7 35.5

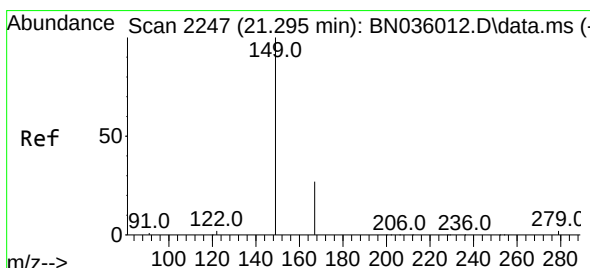
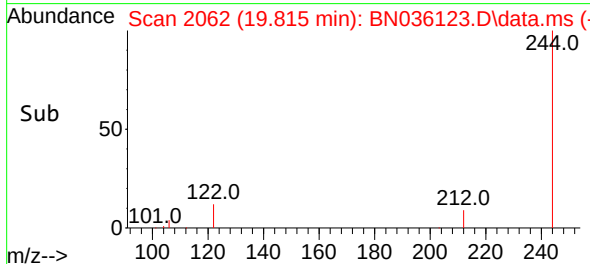
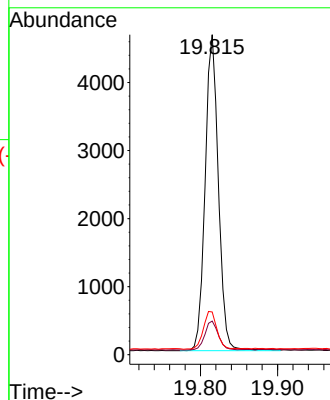
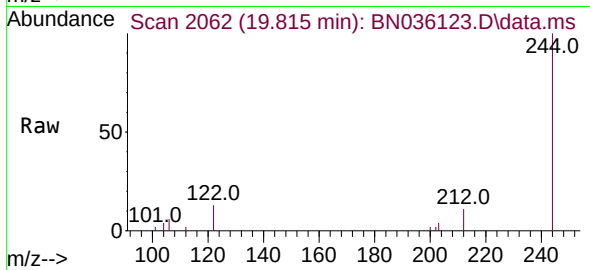




#31
 Terphenyl-d14
 Concen: 0.560 ng
 RT: 19.815 min Scan# 2063
 Delta R.T. -0.004 min
 Lab File: BN036123.D
 Acq: 30 Jan 2025 00:43

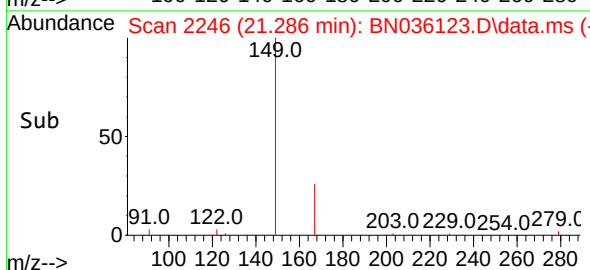
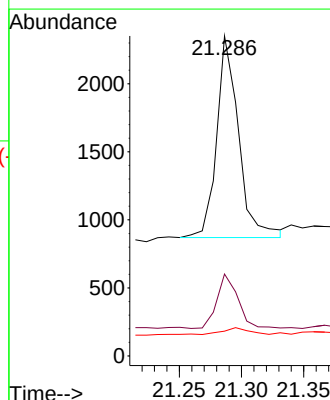
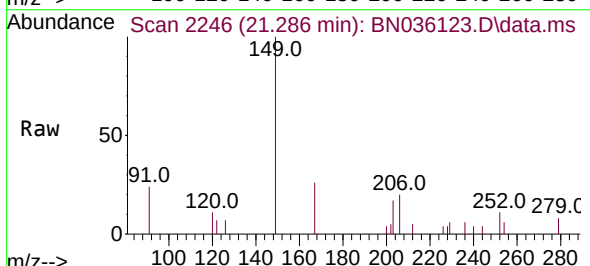
Instrument :
 BNA_N
 ClientSampleId :
 VPB192-HYD-20250122

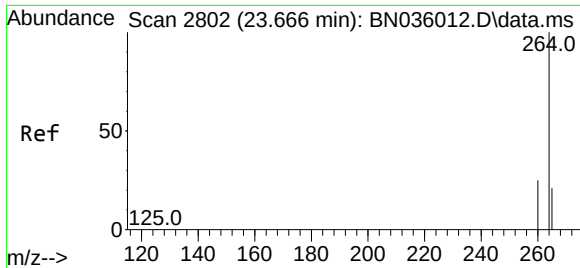
Tgt Ion:244	Resp:	5542
Ion Ratio	Lower	Upper
244	100	
212	10.5	9.1 13.7
122	13.3	11.3 16.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.192 ng
 RT: 21.286 min Scan# 2246
 Delta R.T. -0.009 min
 Lab File: BN036123.D
 Acq: 30 Jan 2025 00:43

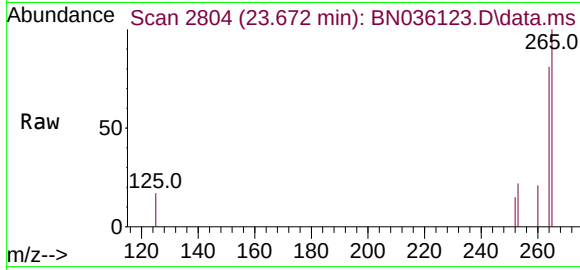
Tgt Ion:149	Resp:	1817
Ion Ratio	Lower	Upper
149	100	
167	25.9	21.9 32.9
279	3.8	3.0 4.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.672 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BN036123.D
 Acq: 30 Jan 2025 00:43

Instrument :
 BNA_N
 ClientSampleId :
 VPB192-HYD-20250122



Tgt Ion:264 Resp: 4937
 Ion Ratio Lower Upper
 264 100
 260 26.1 21.8 32.6
 265 123.9 56.6 84.8#

