

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051425\
 Data File : BN037019.D
 Acq On : 14 May 2025 19:12
 Operator : RC/JU
 Sample : Q2013-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT192D2-GW-20250508

Quant Time: May 15 01:25:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

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

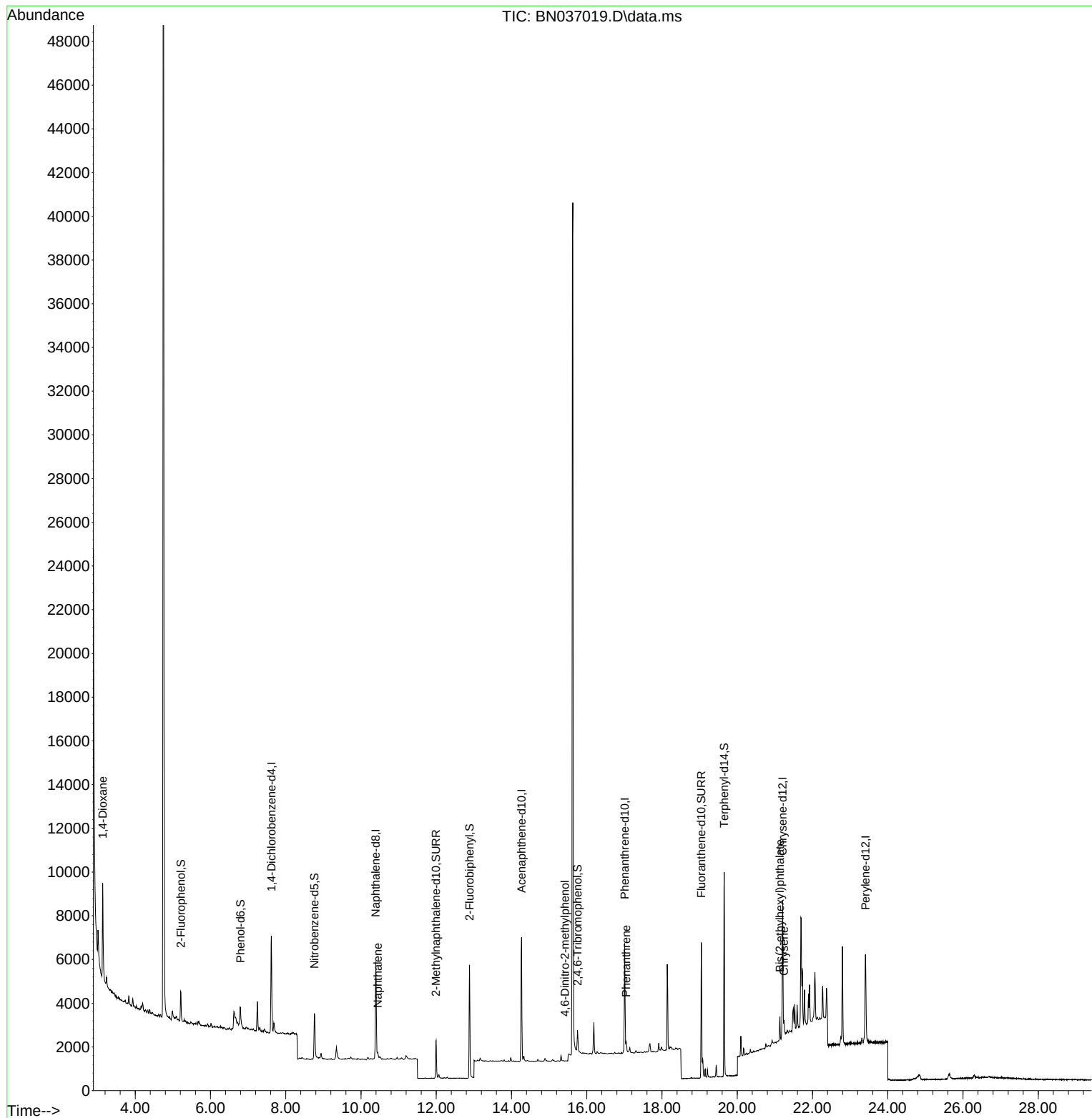
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	2098	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5678	0.400	ng	#-0.01
13) Acenaphthene-d10	14.267	164	3261	0.400	ng	0.00
19) Phenanthrene-d10	17.009	188	6421	0.400	ng	# 0.00
29) Chrysene-d12	21.207	240	5769	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	5632	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	966	0.176	ng	0.00
5) Phenol-d6	6.795	99	736	0.107	ng	0.00
8) Nitrobenzene-d5	8.760	82	1928	0.312	ng	-0.01
11) 2-Methylnaphthalene-d10	11.996	152	2539	0.318	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	503	0.351	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	5158	0.345	ng	0.00
27) Fluoranthene-d10	19.045	212	6750	0.383	ng	0.00
31) Terphenyl-d14	19.653	244	8502	0.689	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.133	88	2349	0.912	ng	# 84
9) Naphthalene	10.447	128	382	0.023	ng	# 62
20) 4,6-Dinitro-2-methylph...	15.421	198	4	0.027	ng	# 1
25) Phenanthrene	17.046	178	447	0.021	ng	# 90
33) Chrysene	21.242	228	465	0.020	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.135	149	1066	0.080	ng	# 93

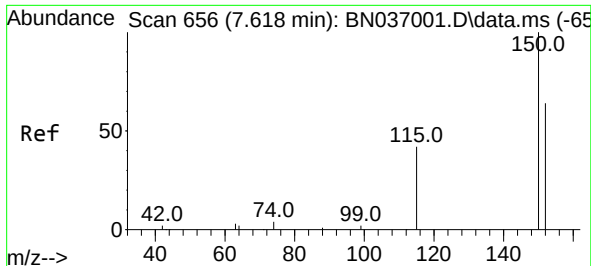
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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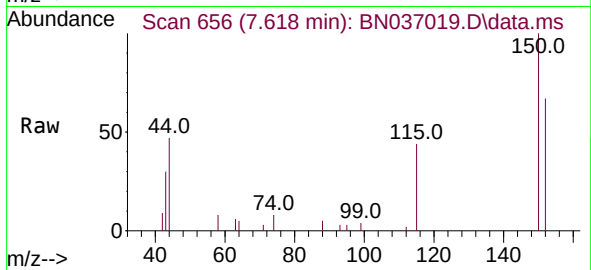
Quant Time: May 15 01:25:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
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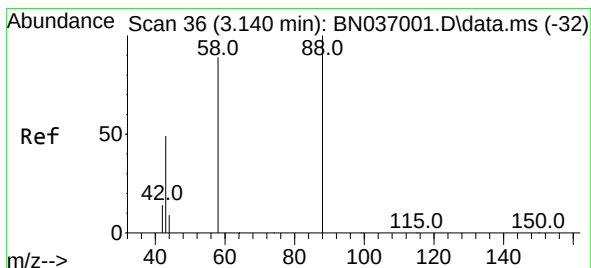
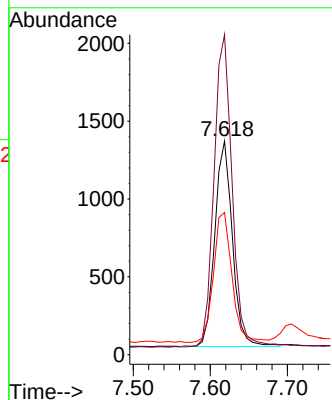
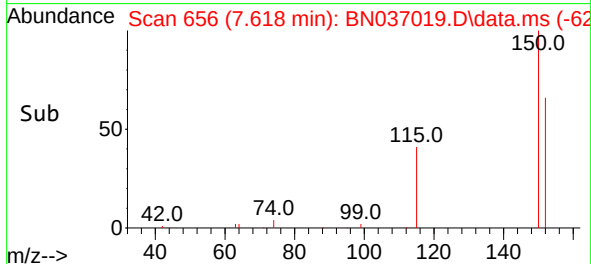
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.618 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN037019.D
 Acq: 14 May 2025 19:12

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT192D2-GW-20250508

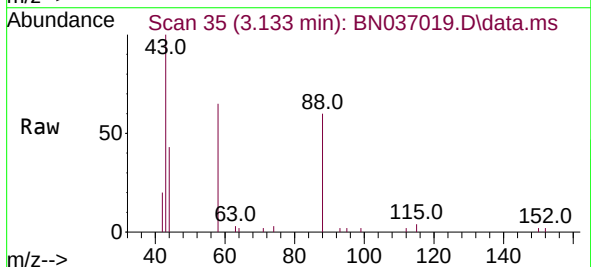


Tgt Ion:152 Resp: 2098

Ion	Ratio	Lower	Upper
152	100		
150	149.9	123.9	185.9
115	66.6	55.8	83.8

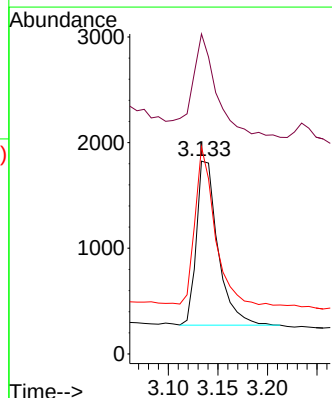
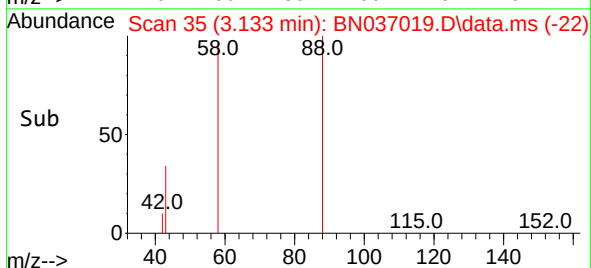


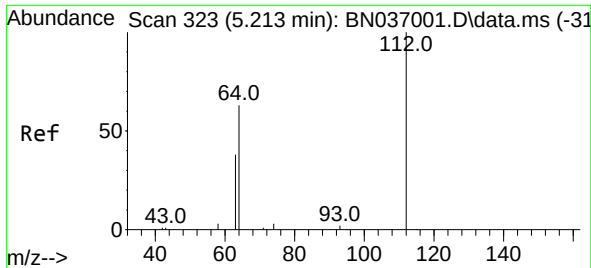
#2
 1,4-Dioxane
 Concen: 0.912 ng
 RT: 3.133 min Scan# 35
 Delta R.T. -0.007 min
 Lab File: BN037019.D
 Acq: 14 May 2025 19:12



Tgt Ion: 88 Resp: 2349

Ion	Ratio	Lower	Upper
88	100		
43	71.9	37.4	56.0
58	89.5	68.8	103.2





#4

2-Fluorophenol

Concen: 0.176 ng

RT: 5.213 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN037019.D

Acq: 14 May 2025 19:12

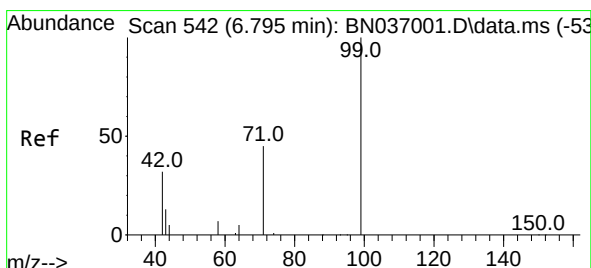
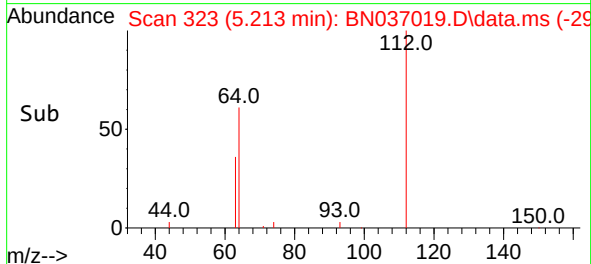
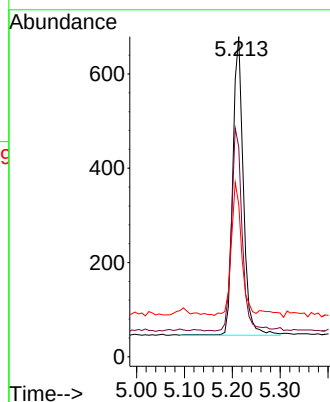
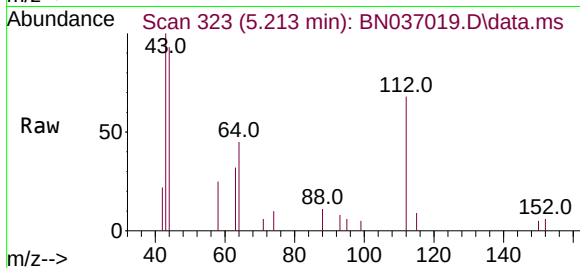
Instrument :

BNA_N

ClientSampleId :

BP-TT192D2-GW-20250508

Tgt Ion:	112	Resp:	966
Ion	Ratio	Lower	Upper
112	100		
64	68.8	55.7	83.5
63	43.5	34.6	51.8



#5

Phenol-d6

Concen: 0.107 ng

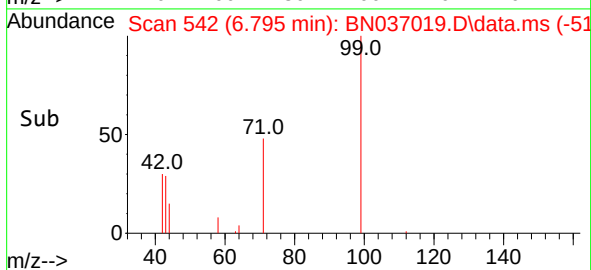
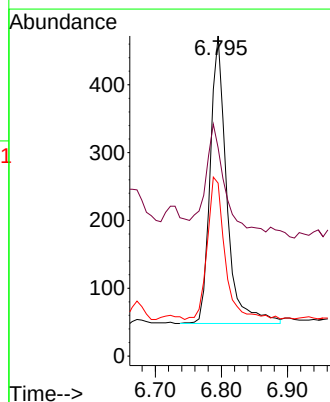
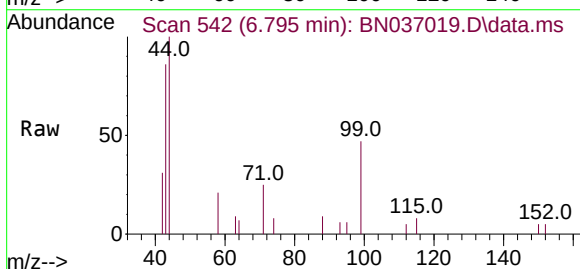
RT: 6.795 min Scan# 542

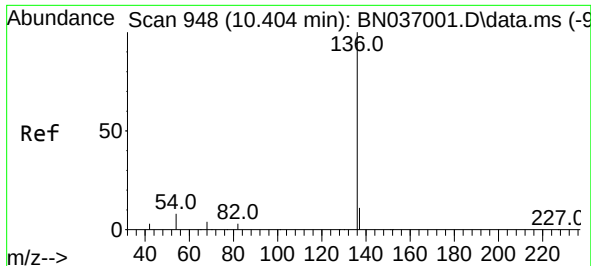
Delta R.T. -0.000 min

Lab File: BN037019.D

Acq: 14 May 2025 19:12

Tgt Ion:	99	Resp:	736
Ion	Ratio	Lower	Upper
99	100		
42	41.8	29.3	43.9
71	53.0	35.7	53.5

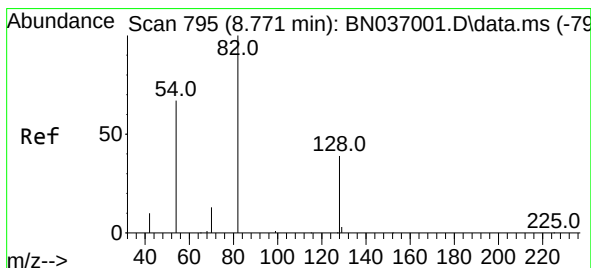
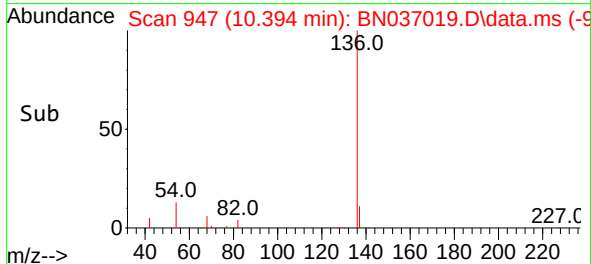
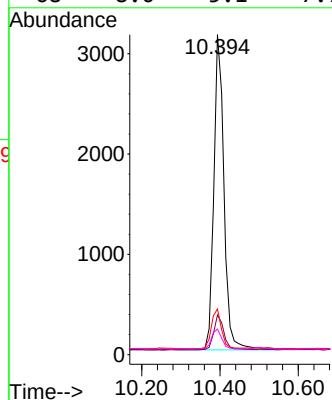
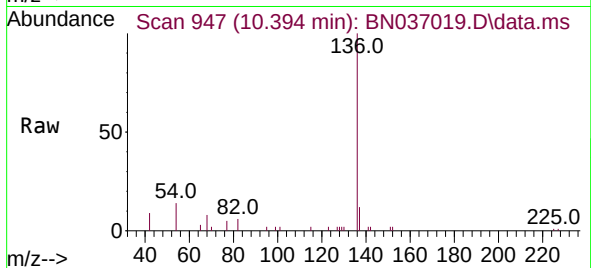




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

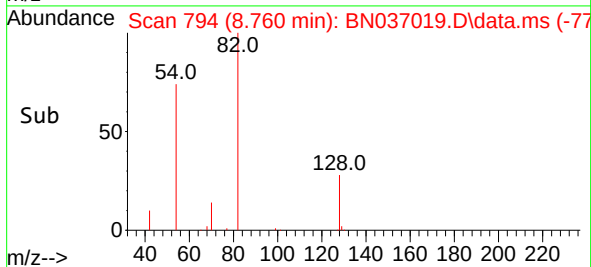
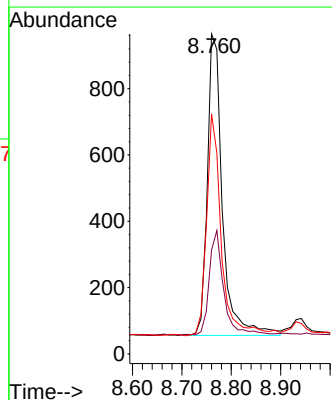
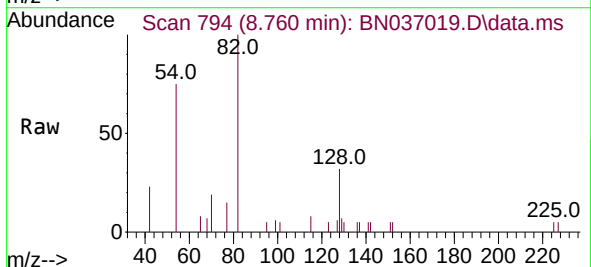
Instrument :
BNA_N
ClientSampleId :
BP-TT192D2-GW-20250508

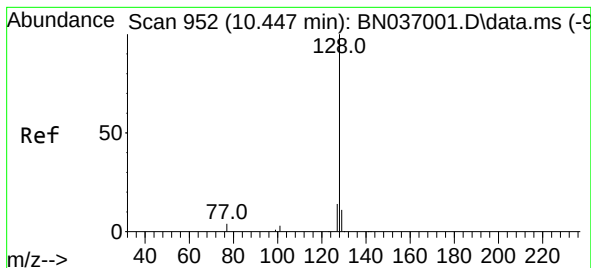
Tgt Ion:	136	Resp:	5678
Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.4	15.6
54	14.3	8.5	12.7#
68	8.0	5.1	7.7#



#8
Nitrobenzene-d5
Concen: 0.312 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

Tgt Ion:	82	Resp:	1928
Ion	Ratio	Lower	Upper
82	100		
128	32.4	34.0	51.0#
54	75.0	55.0	82.4





#9

Naphthalene

Concen: 0.023 ng

RT: 10.447 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN037019.D

Acq: 14 May 2025 19:12

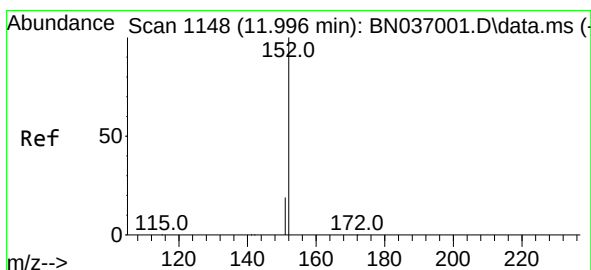
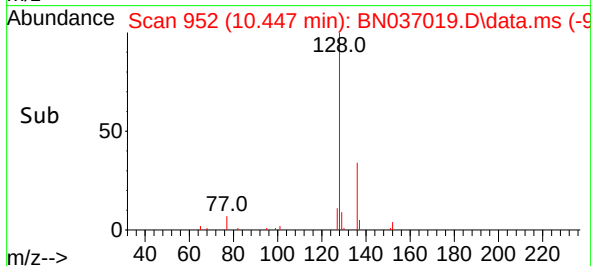
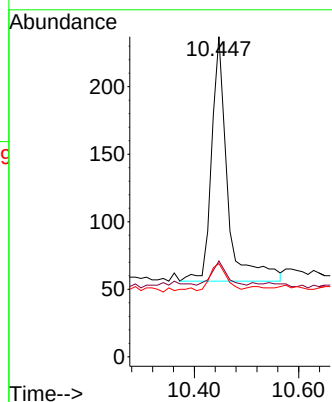
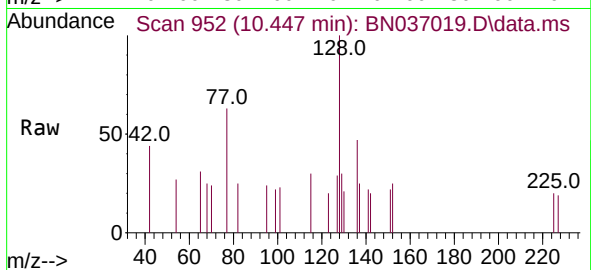
Instrument :

BNA_N

ClientSampleId :

BP-TT192D2-GW-20250508

Tgt Ion:	128	Resp:	382
Ion	Ratio	Lower	Upper
128	100		
129	30.0	9.7	14.5#
127	29.1	12.4	18.6#



#11

2-Methylnaphthalene-d10

Concen: 0.318 ng

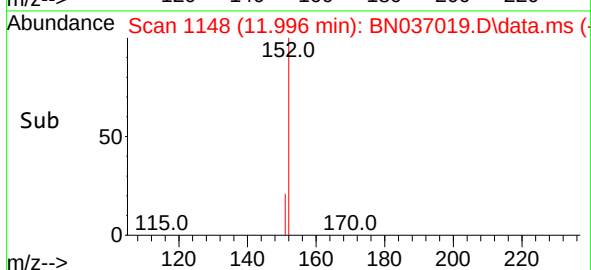
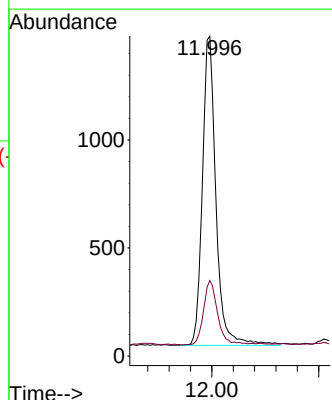
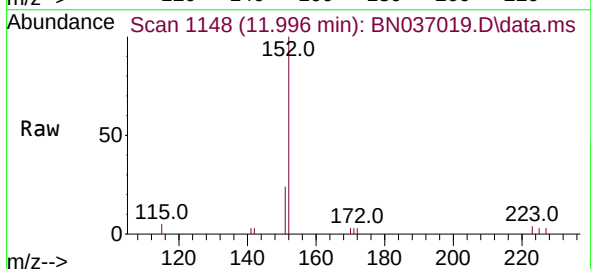
RT: 11.996 min Scan# 1148

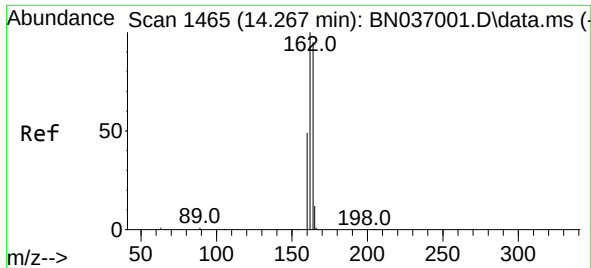
Delta R.T. 0.000 min

Lab File: BN037019.D

Acq: 14 May 2025 19:12

Tgt Ion:	152	Resp:	2539
Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.5	26.3

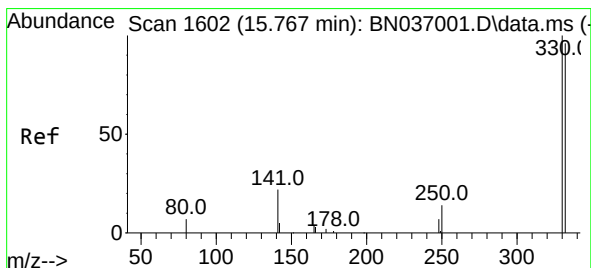
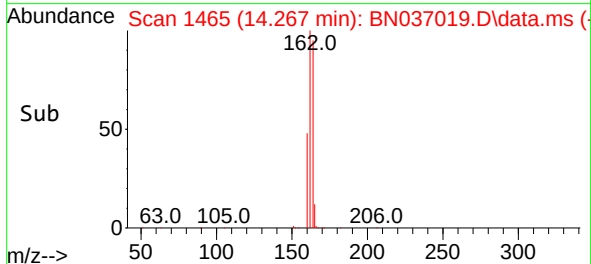
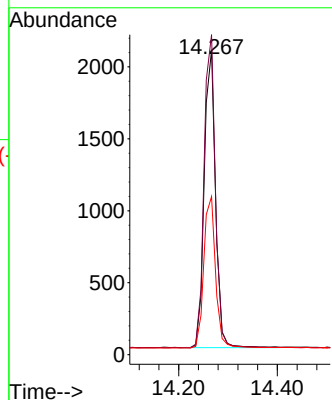
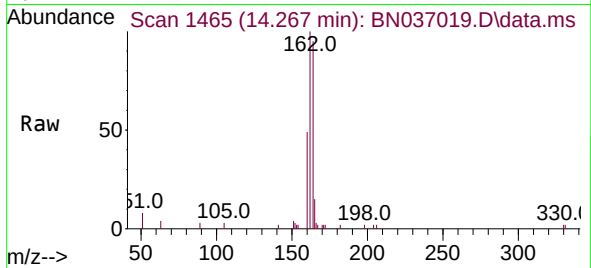




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.267 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

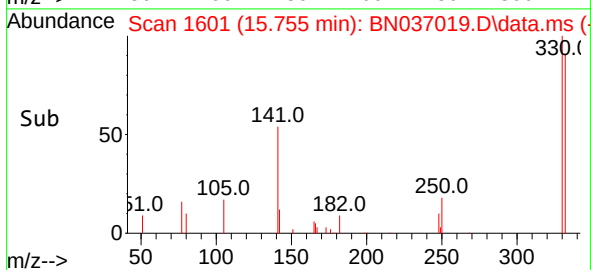
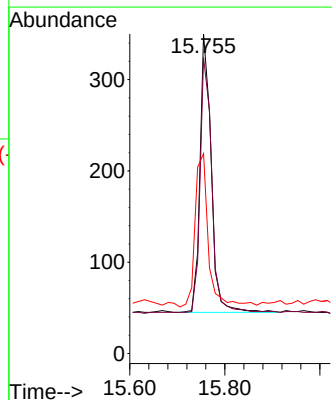
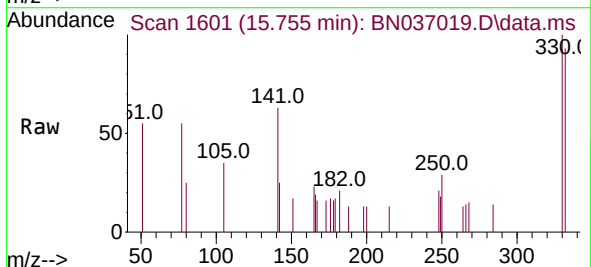
Instrument :
BNA_N
ClientSampleId :
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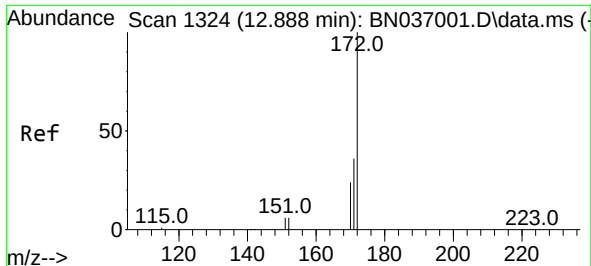
Tgt Ion:164 Resp: 3261
Ion Ratio Lower Upper
164 100
162 105.1 84.2 126.4
160 51.9 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.351 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

Tgt Ion:330 Resp: 503
Ion Ratio Lower Upper
330 100
332 94.6 73.8 110.8
141 65.0 43.9 65.9

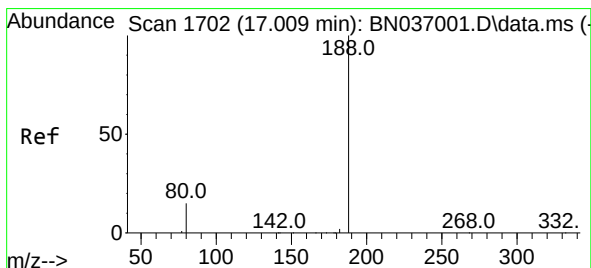
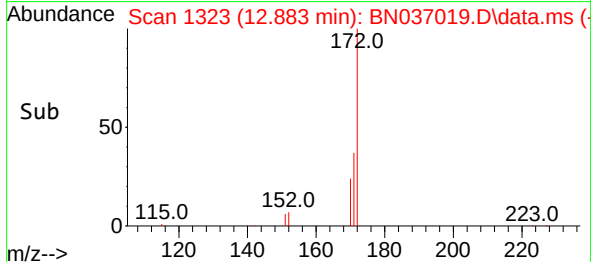
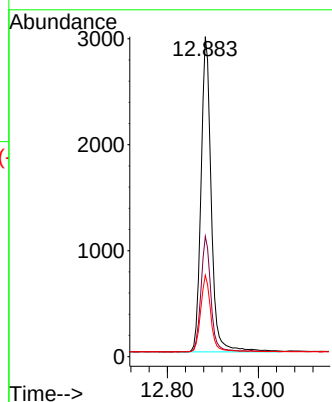
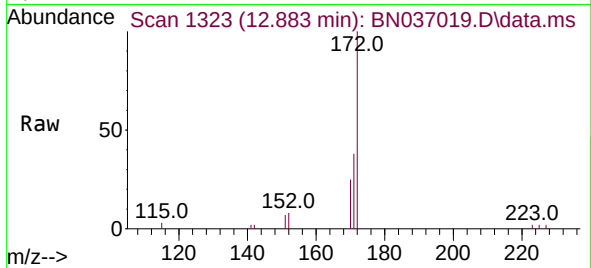




#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 12.883 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

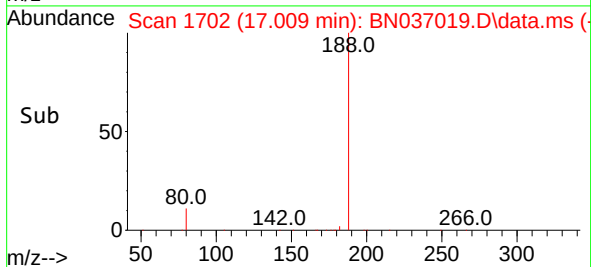
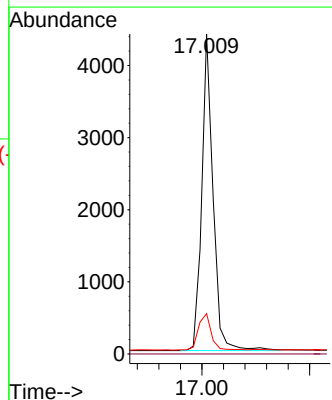
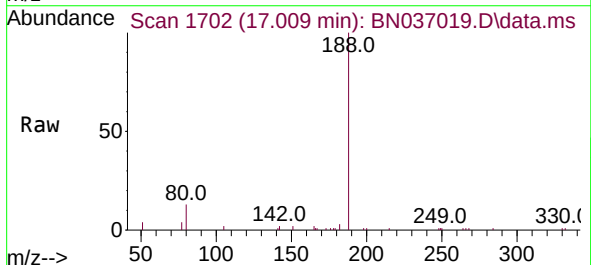
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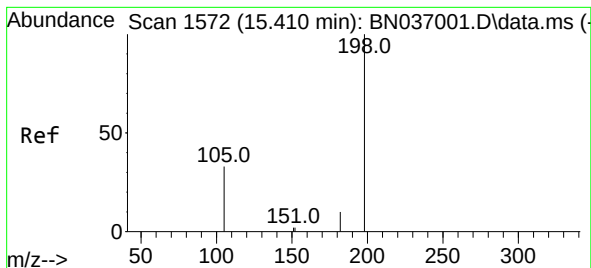
Tgt Ion:172 Resp: 5158
Ion Ratio Lower Upper
172 100
171 37.6 29.2 43.8
170 25.4 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

Tgt Ion:188 Resp: 6421
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 13.4 20.0#

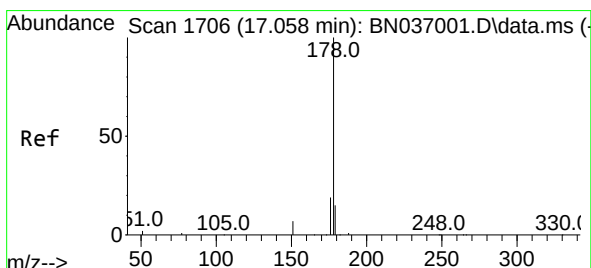
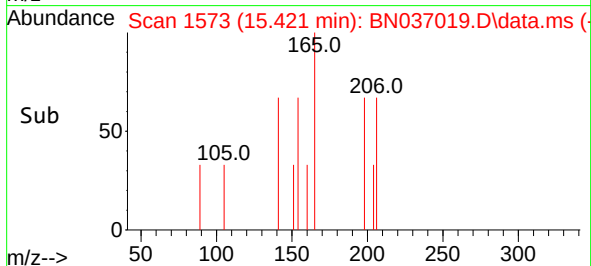
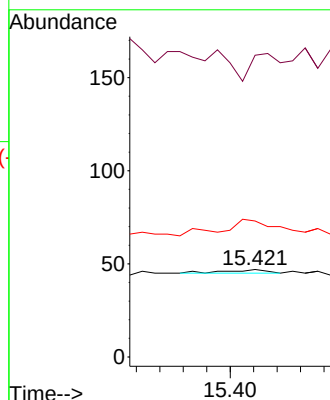
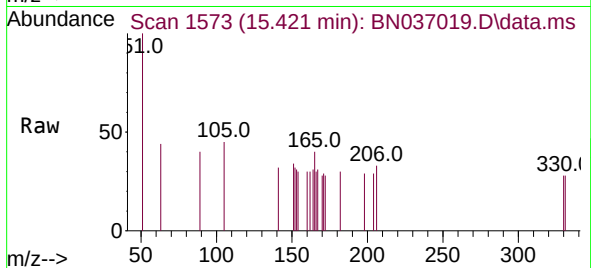




#20
4,6-Dinitro-2-methylphenol
Concen: 0.027 ng
RT: 15.421 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

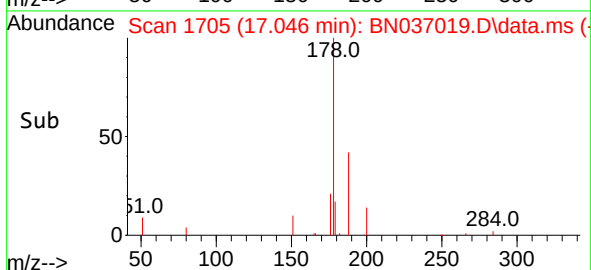
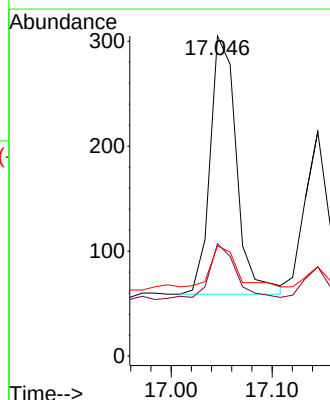
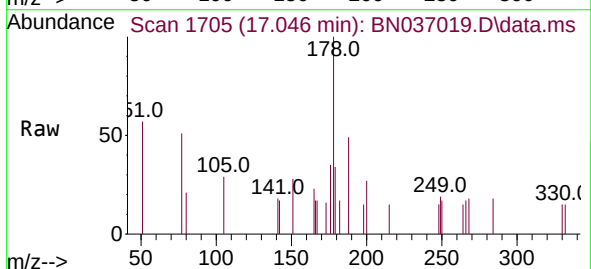
Instrument :
BNA_N
ClientSampleId :
BP-TT192D2-GW-20250508

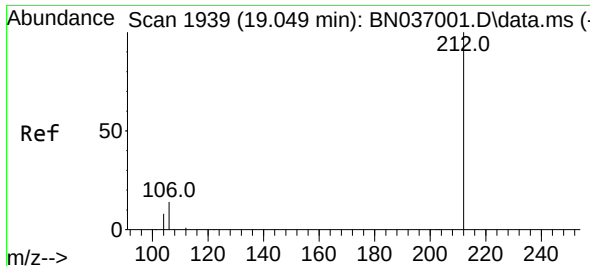
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 344.7 87.8 131.6#
105 155.3 44.2 66.4#



#25
Phenanthrene
Concen: 0.021 ng
RT: 17.046 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

Tgt Ion:178 Resp: 447
Ion Ratio Lower Upper
178 100
176 22.6 15.7 23.5
179 20.8 12.2 18.2#

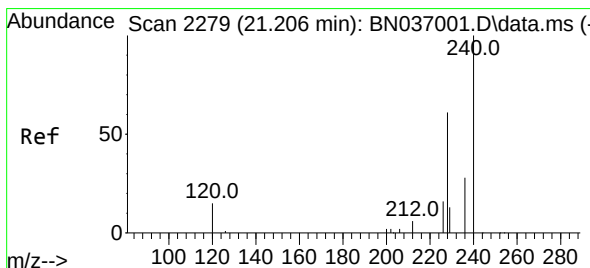
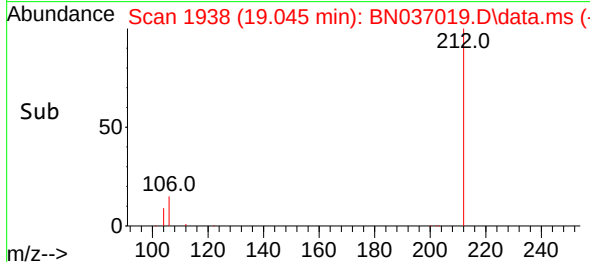
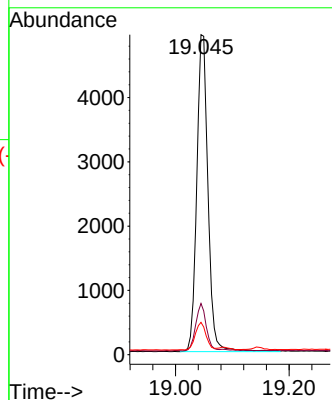
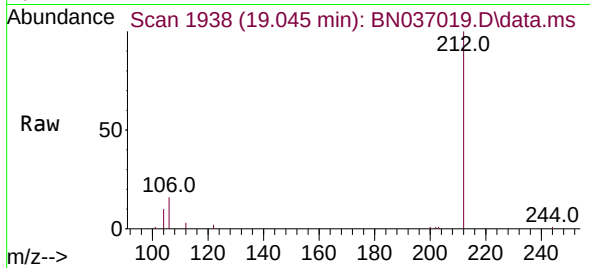




#27
Fluoranthene-d10
Concen: 0.383 ng
RT: 19.045 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

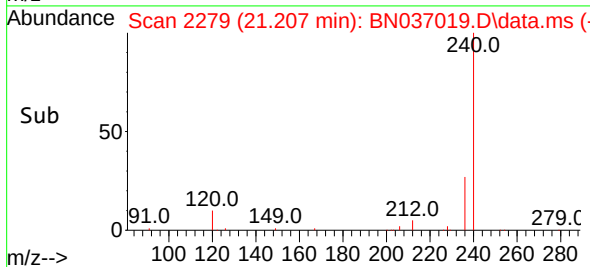
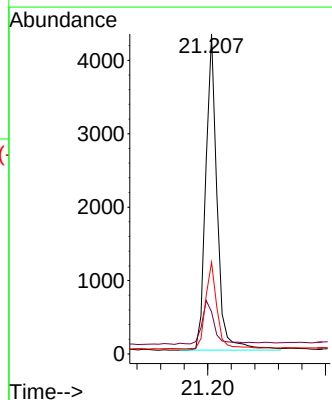
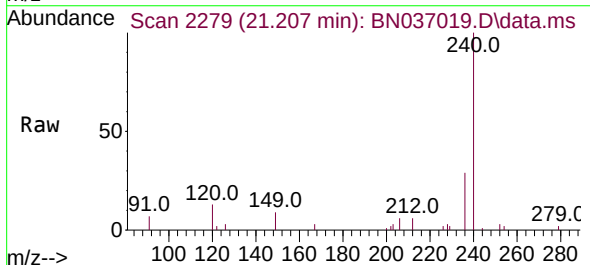
Instrument :
BNA_N
ClientSampleId :
BP-TT192D2-GW-20250508

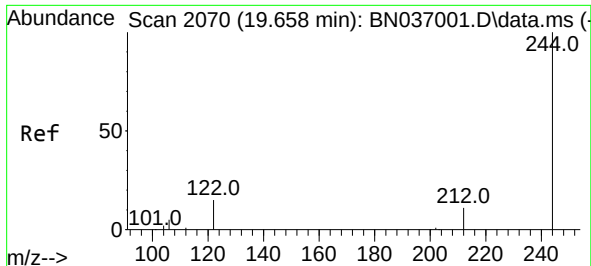
Tgt Ion:212 Resp: 6750
Ion Ratio Lower Upper
212 100
106 14.0 11.3 16.9
104 8.6 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.207 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

Tgt Ion:240 Resp: 5769
Ion Ratio Lower Upper
240 100
120 13.1 15.1 22.7#
236 28.6 24.0 36.0

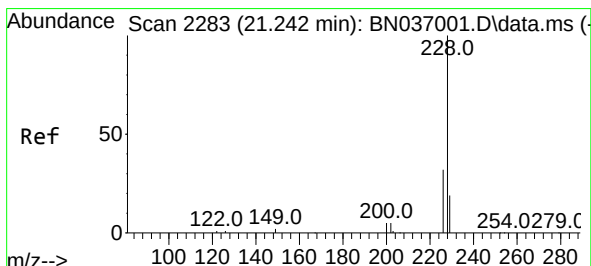
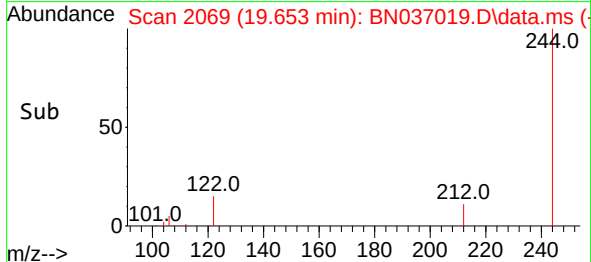
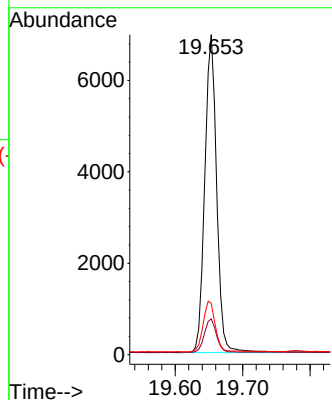
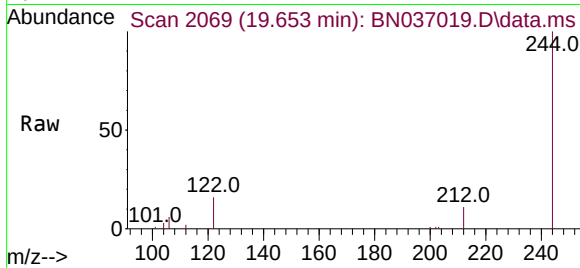




#31
 Terphenyl-d14
 Concen: 0.689 ng
 RT: 19.653 min Scan# 2069
 Delta R.T. -0.005 min
 Lab File: BN037019.D
 Acq: 14 May 2025 19:12

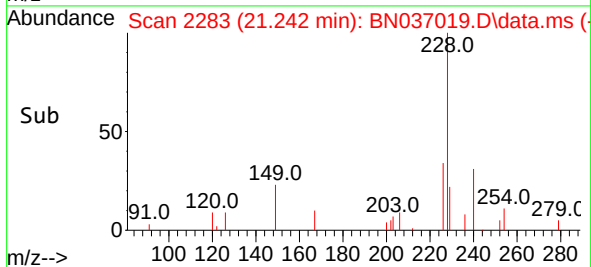
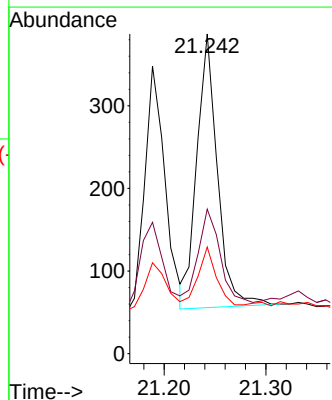
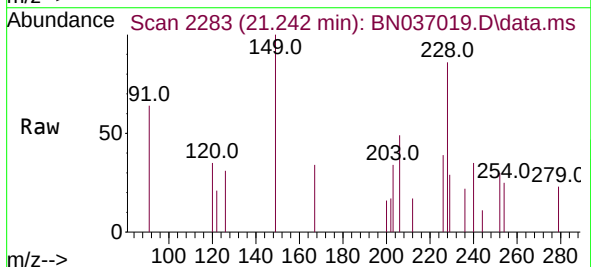
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT192D2-GW-20250508

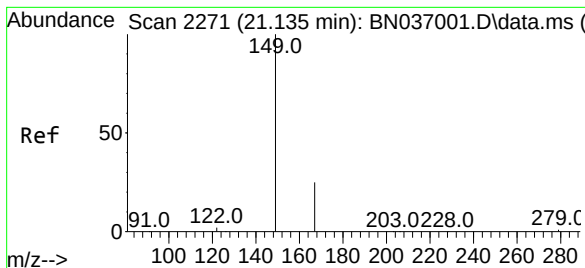
Tgt Ion:244 Resp: 8502
 Ion Ratio Lower Upper
 244 100
 212 11.2 9.7 14.5
 122 16.1 13.4 20.0



#33
 Chrysene
 Concen: 0.020 ng
 RT: 21.242 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BN037019.D
 Acq: 14 May 2025 19:12

Tgt Ion:228 Resp: 465
 Ion Ratio Lower Upper
 228 100
 226 45.2 26.3 39.5#
 229 33.3 16.2 24.2#

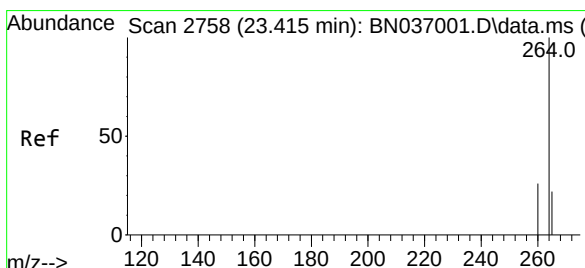
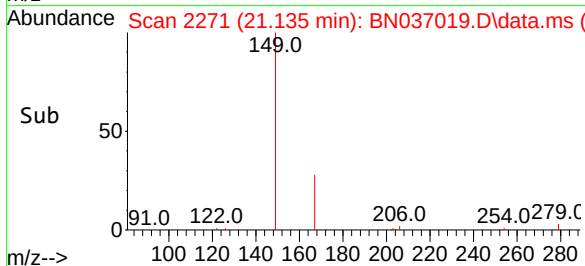
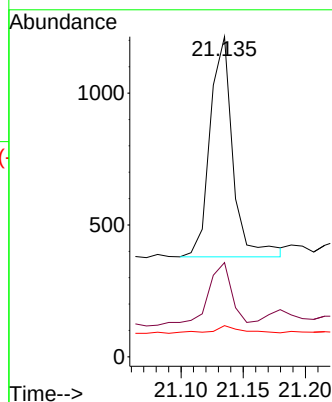
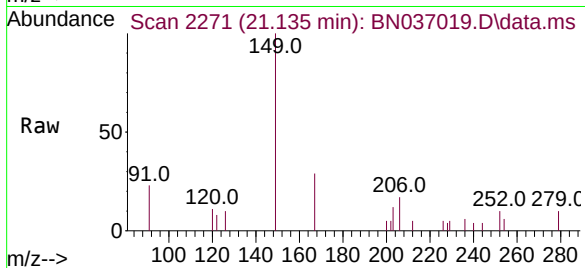




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.080 ng
 RT: 21.135 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: BN037019.D
 Acq: 14 May 2025 19:12

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT192D2-GW-20250508

Tgt Ion:149 Resp: 1066
 Ion Ratio Lower Upper
 149 100
 167 29.4 20.6 30.8
 279 4.5 2.6 3.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.409 min Scan# 2756
 Delta R.T. -0.006 min
 Lab File: BN037019.D
 Acq: 14 May 2025 19:12

Tgt Ion:264 Resp: 5632
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.9 32.9
 265 60.6 51.6 77.4

