

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)

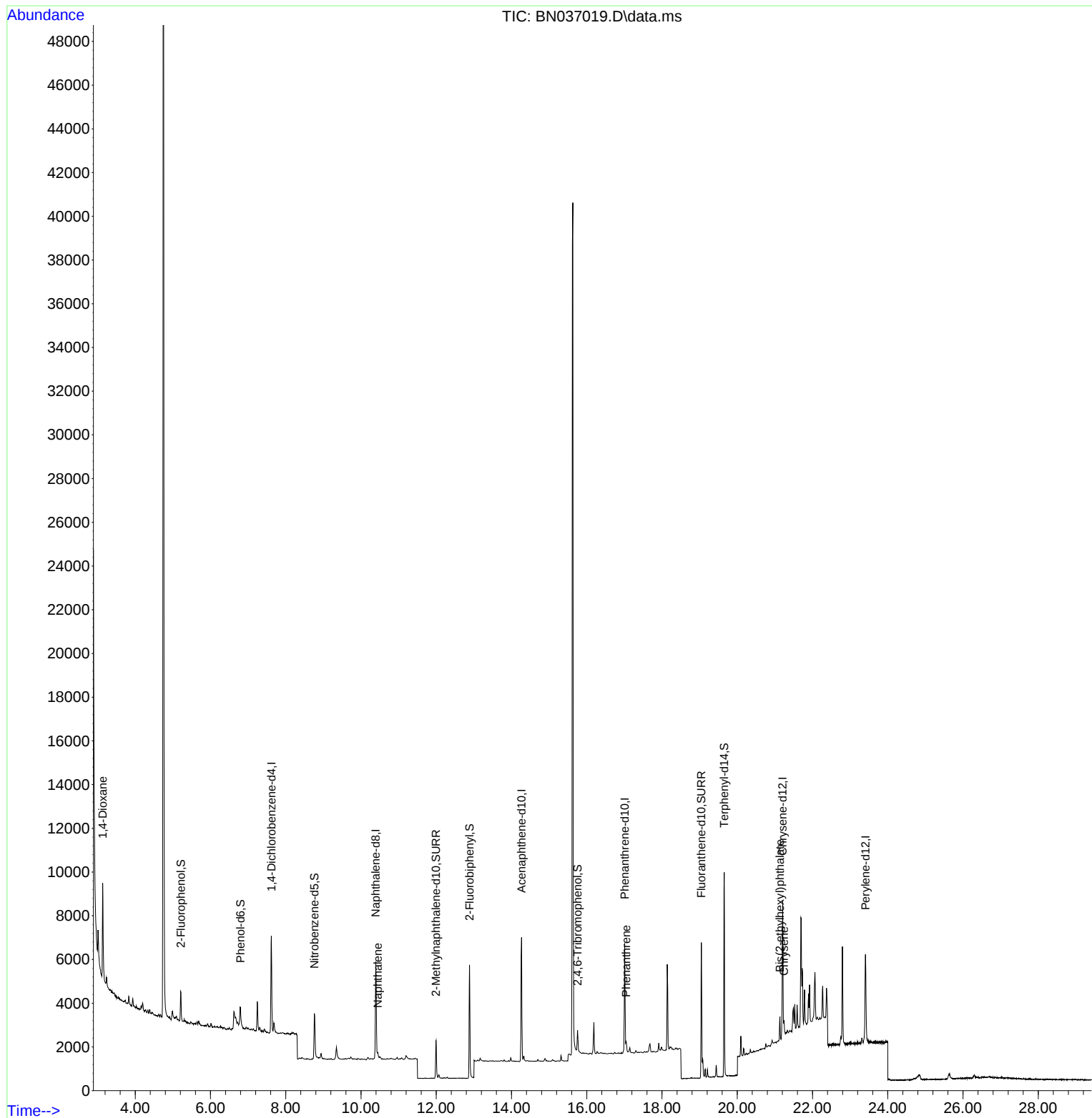
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	2098	0.40	ng	0.00
7) Naphthalene-d8	10.394	136	5678	0.40	ng	#-0.01
13) Acenaphthene-d10	14.267	164	3261	0.40	ng	0.00
19) Phenanthrene-d10	17.009	188	6421	0.40	ng	# 0.00
29) Chrysene-d12	21.207	240	5769	0.40	ng	# 0.00
35) Perylene-d12	23.409	264	5632	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	966	0.18	ng	0.00
5) Phenol-d6	6.795	99	736	0.11	ng	0.00
8) Nitrobenzene-d5	8.760	82	1928	0.31	ng	-0.01
11) 2-Methylnaphthalene-d10	11.996	152	2539	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	503	0.35	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	5158	0.35	ng	0.00
27) Fluoranthene-d10	19.045	212	6750	0.38	ng	0.00
31) Terphenyl-d14	19.653	244	8502	0.69	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.133	88	2349	0.91	ng	# 84
9) Naphthalene	10.447	128	382	0.02	ng	# 62
25) Phenanthrene	17.046	178	447	0.02	ng	# 90
33) Chrysene	21.242	228	465	0.02	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.135	149	1066	0.08	ng	# 93

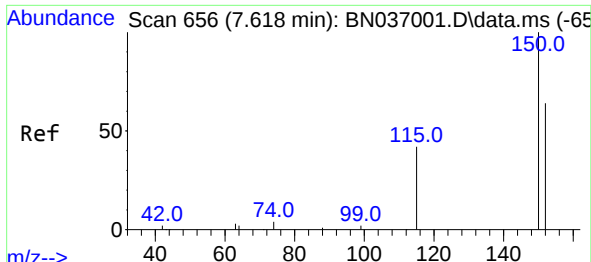
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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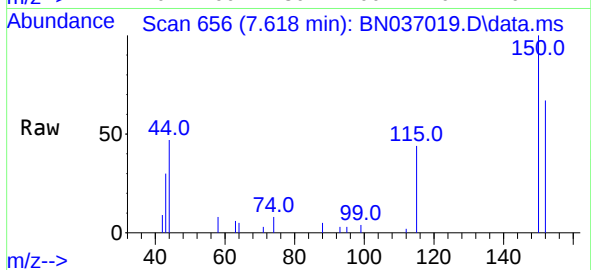
Quant Time: May 15 01:25:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
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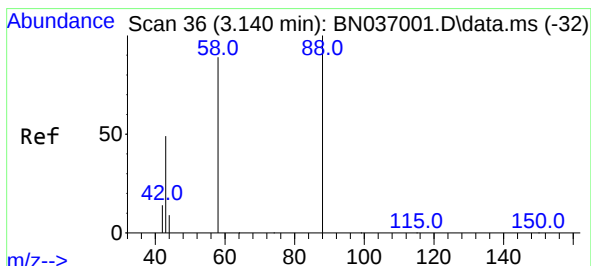
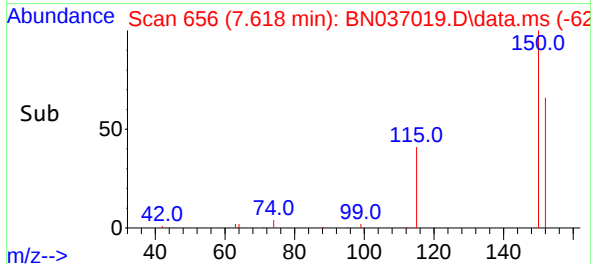
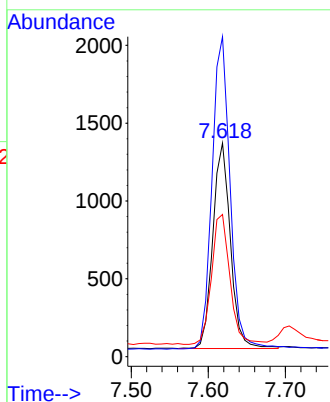


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.618 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

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

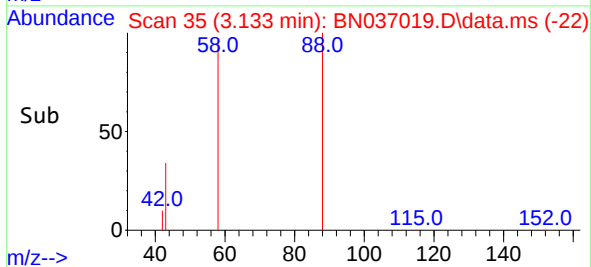
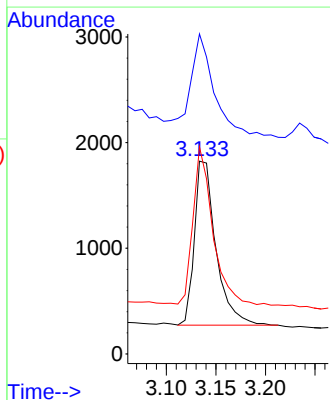
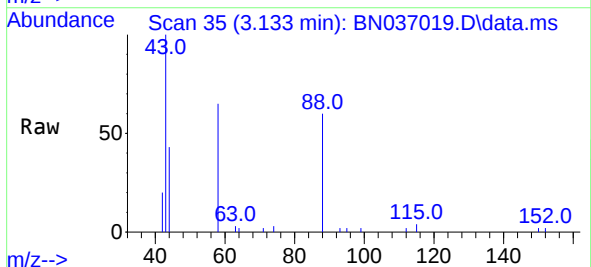


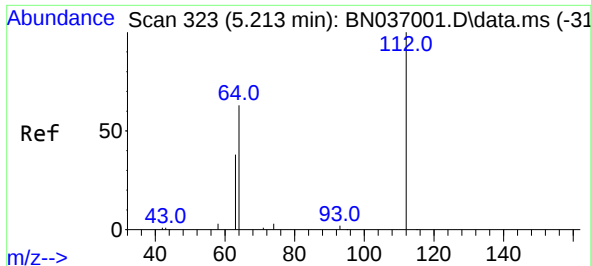
Tgt Ion:152 Resp: 2098
Ion Ratio Lower Upper
152 100
150 149.9 123.9 185.9
115 66.6 55.8 83.8



#2
1,4-Dioxane
Concen: 0.91 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

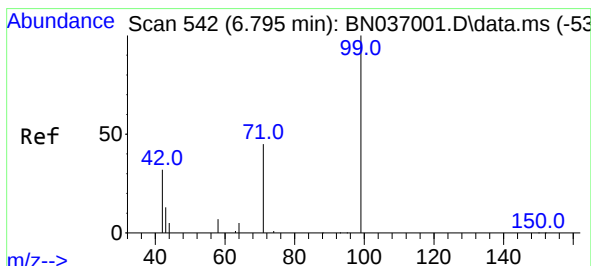
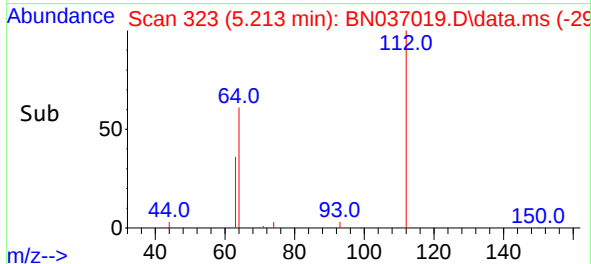
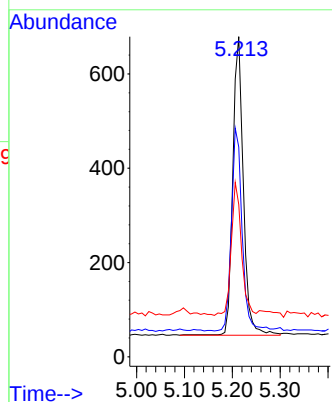
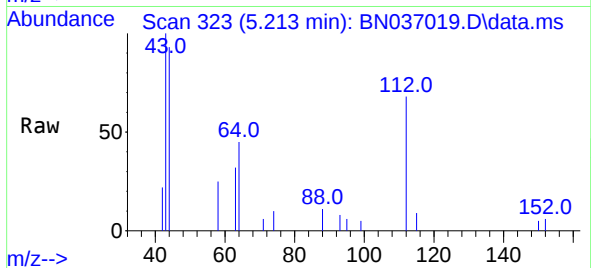




#4
2-Fluorophenol
Concen: 0.18 ng
RT: 5.213 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

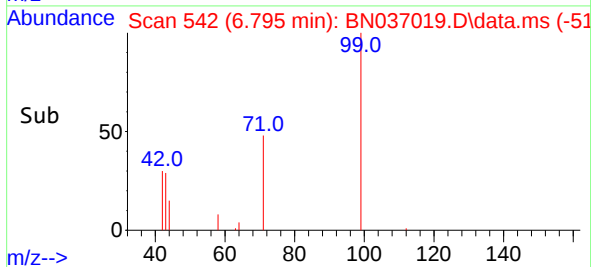
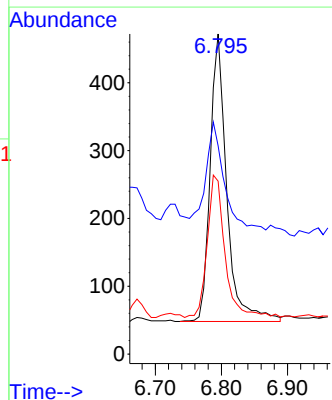
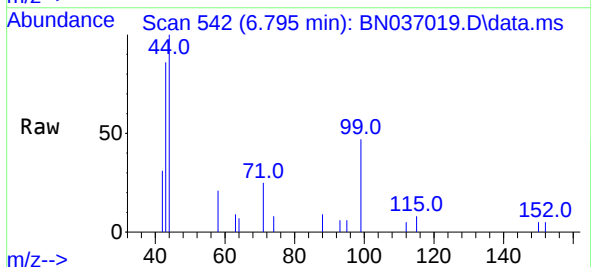
Instrument :
BNA_N
ClientSampleId :
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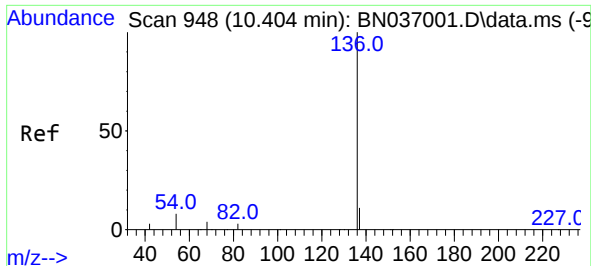
Tgt Ion:112 Resp: 966
Ion Ratio Lower Upper
112 100
64 68.8 55.7 83.5
63 43.5 34.6 51.8



#5
Phenol-d6
Concen: 0.11 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

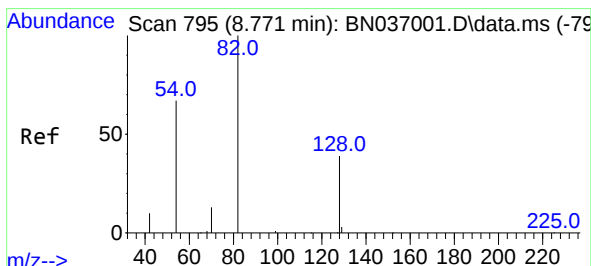
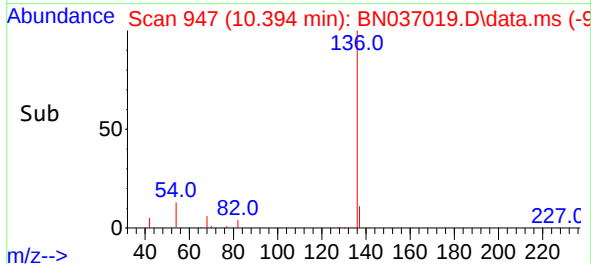
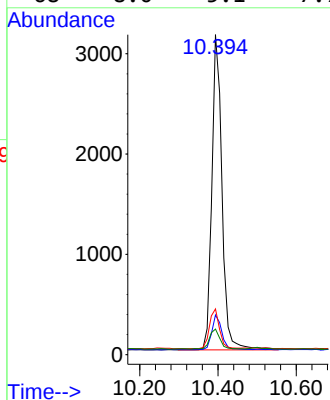
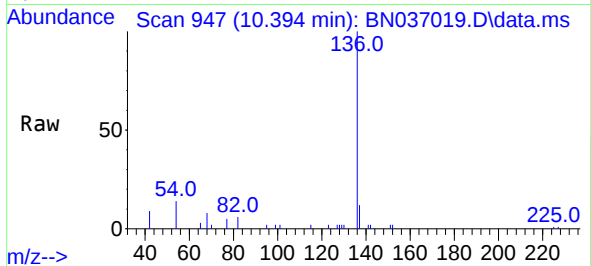




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.394 min Scan# 948
Delta R.T. -0.011 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

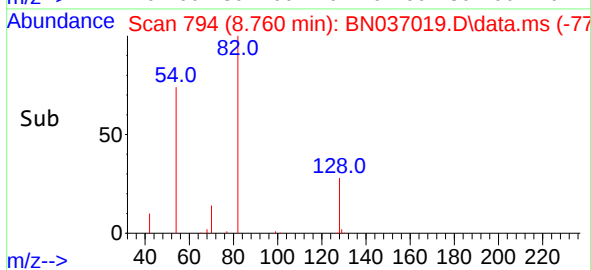
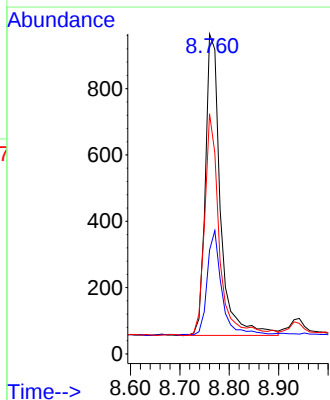
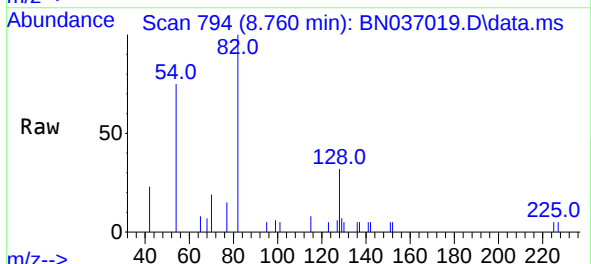
Instrument :
BNA_N
ClientSampleId :
BP-TT192D2-GW-20250508

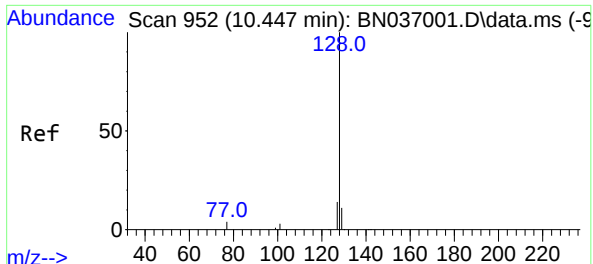
Tgt Ion:	136	Resp:	5678
Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.4	15.6
54	14.3	8.5	12.7#
68	8.0	5.1	7.7#



#8
Nitrobenzene-d5
Concen: 0.31 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

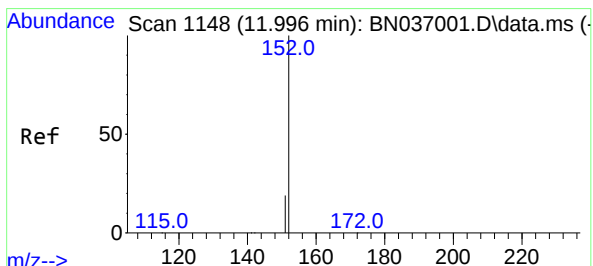
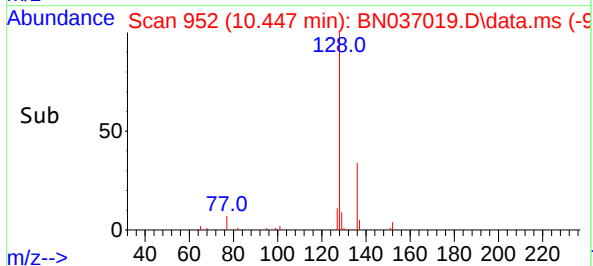
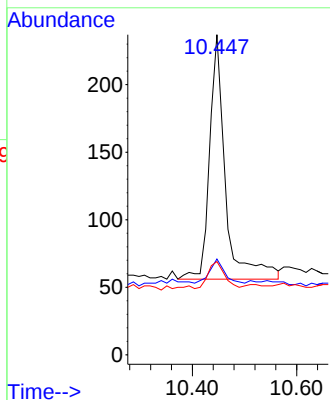
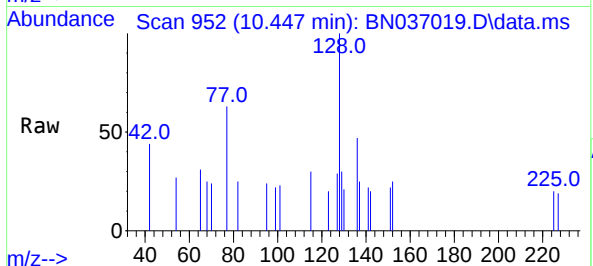




#9
Naphthalene
Concen: 0.02 ng
RT: 10.447 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

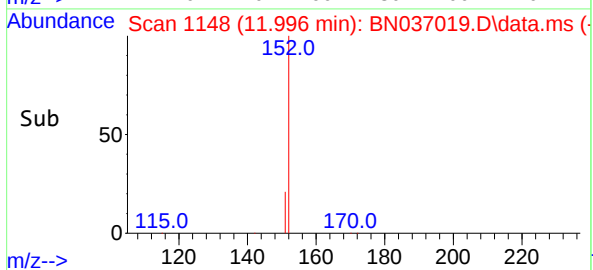
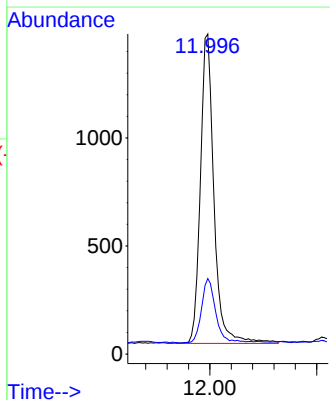
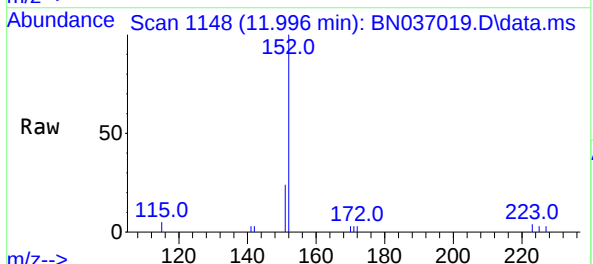
Instrument :
BNA_N
ClientSampleId :
BP-TT192D2-GW-20250508

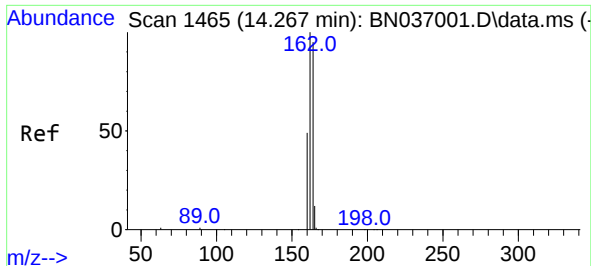
Tgt Ion:128 Resp: 382
Ion Ratio Lower Upper
128 100
129 30.0 9.7 14.5#
127 29.1 12.4 18.6#



#11
2-Methylnaphthalene-d10
Concen: 0.32 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

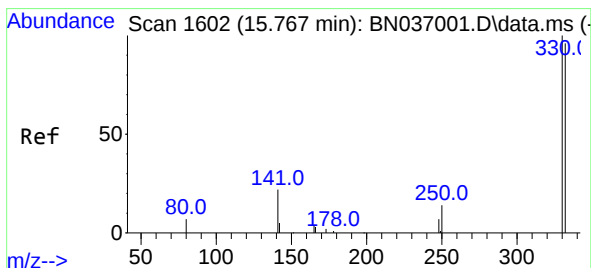
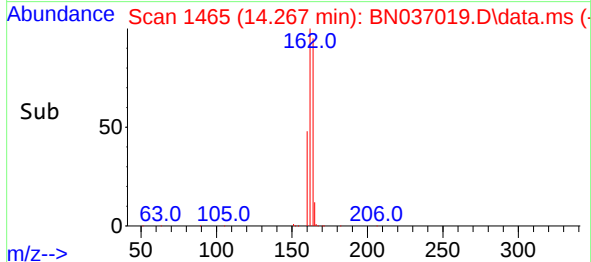
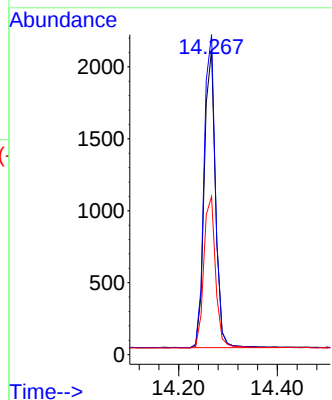
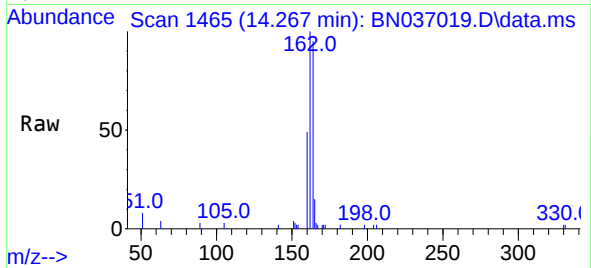




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.267 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

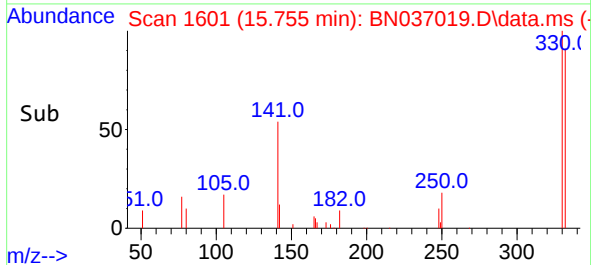
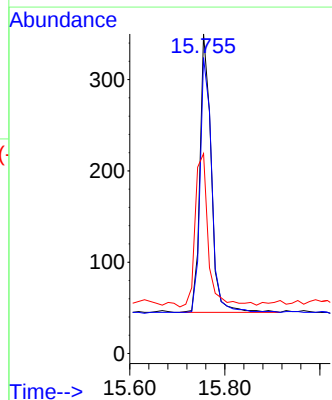
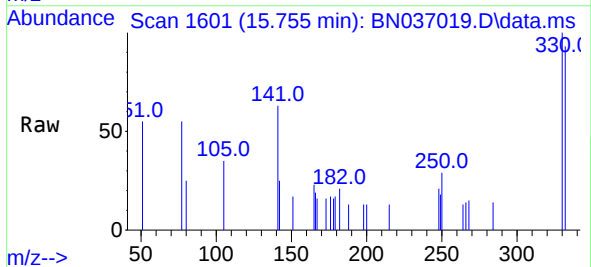
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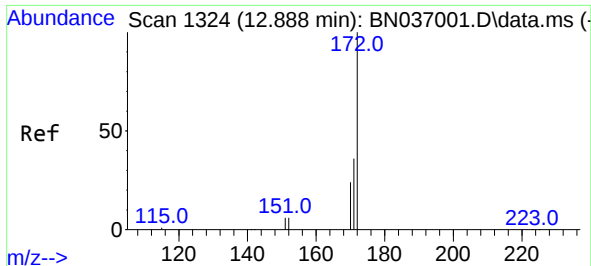
Tgt Ion:164 Resp: 3261
Ion Ratio Lower Upper
164 100
162 105.1 84.2 126.4
160 51.9 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.35 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

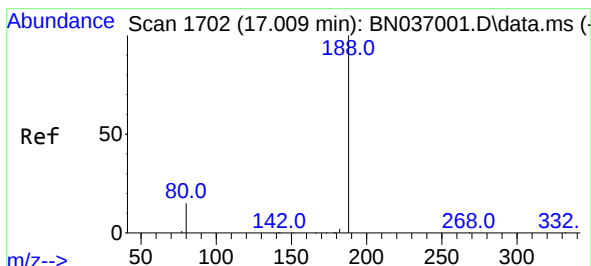
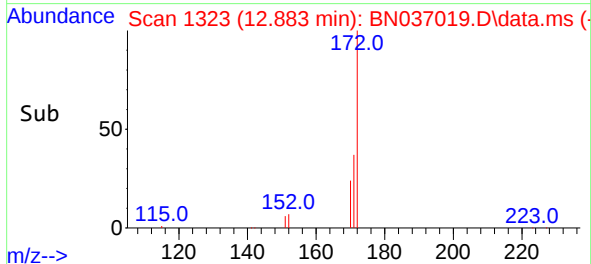
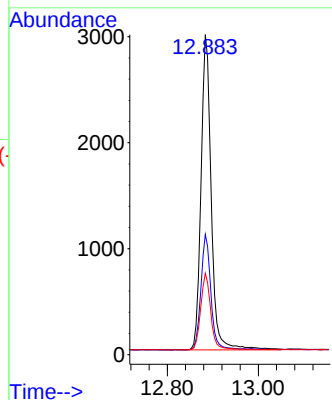
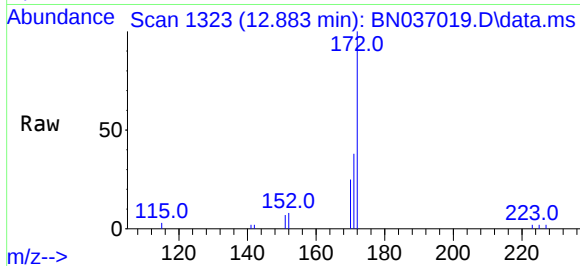




#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.883 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

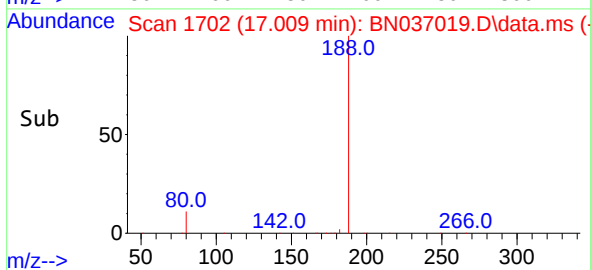
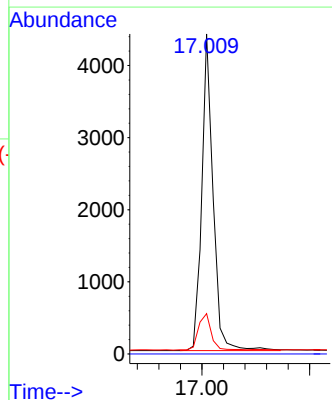
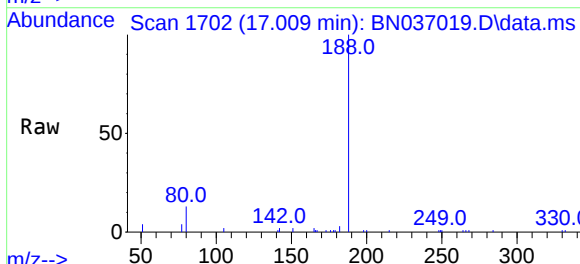
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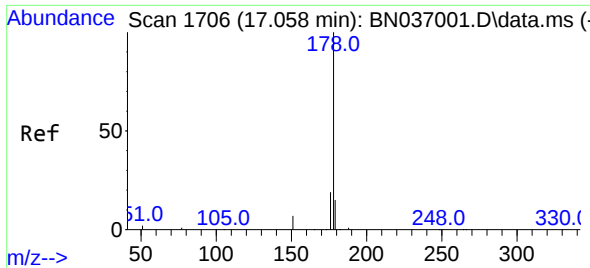
Tgt Ion:172	Resp:	5158	
Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.2	43.8
170	25.4	20.5	30.7



#19
Phenanthrene-d10
Concen: 0.40 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#	

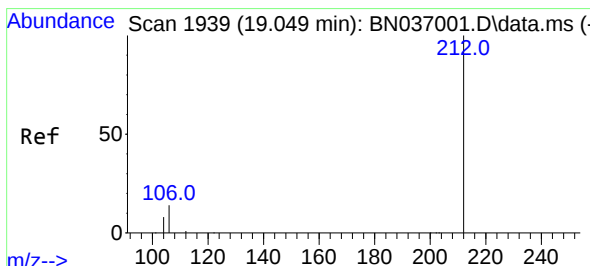
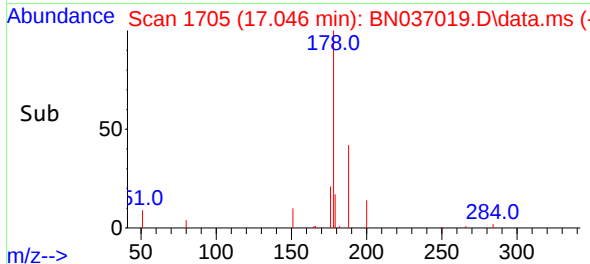
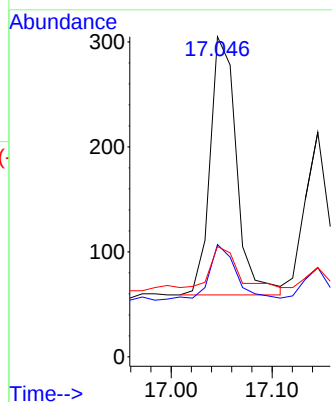
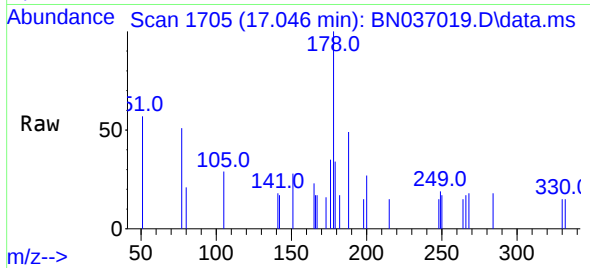




#25
Phenanthrene
Concen: 0.02 ng
RT: 17.046 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

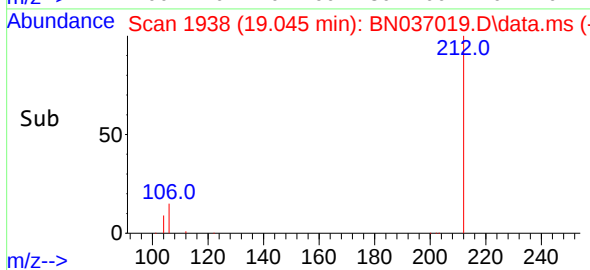
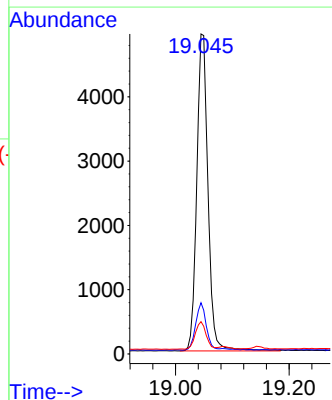
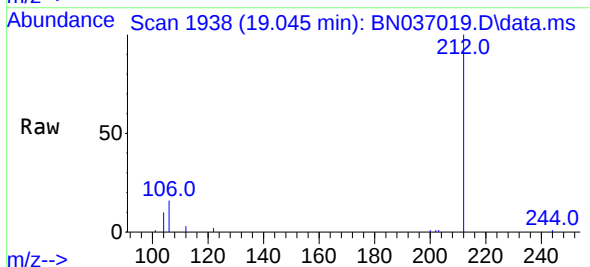
Instrument : BNA_N
ClientSampleId : BP-TT192D2-GW-20250508

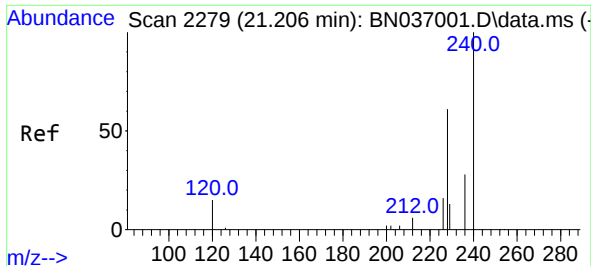
Tgt Ion:	178	Resp:	447
Ion	Ratio	Lower	Upper
178	100		
176	22.6	15.7	23.5
179	20.8	12.2	18.2



#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.045 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

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

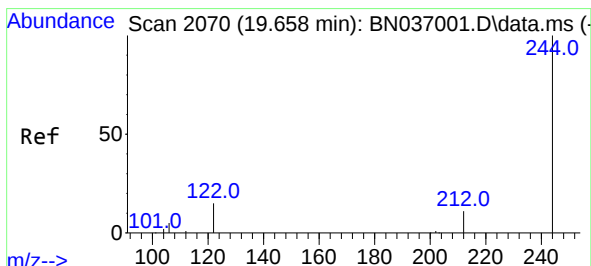
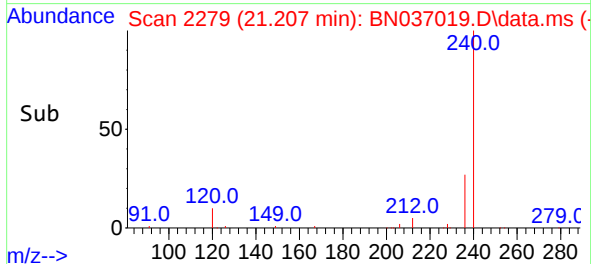
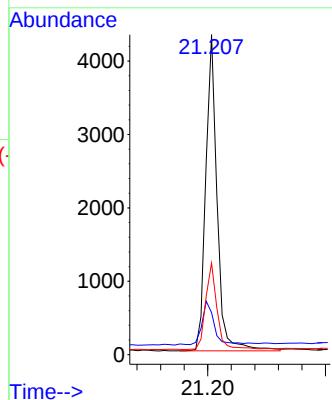
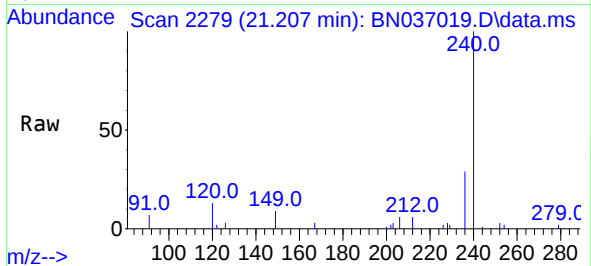




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.207 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

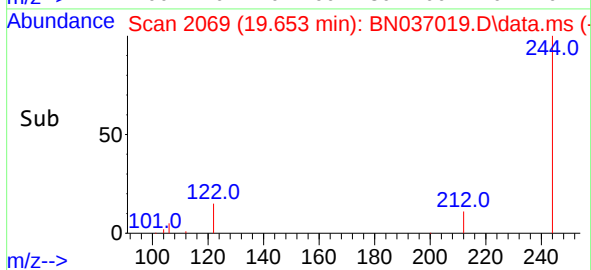
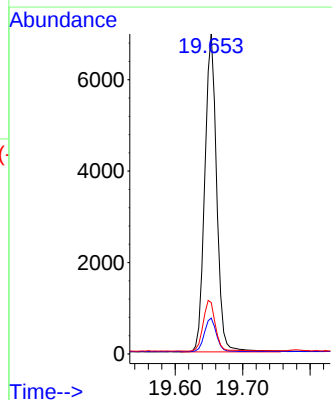
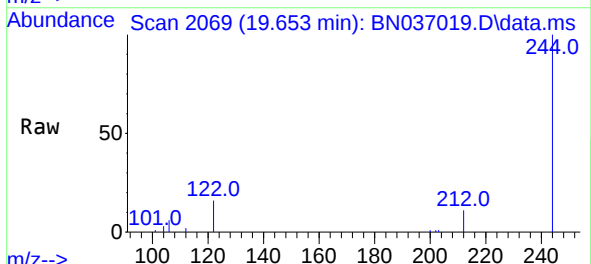
Instrument :
BNA_N
ClientSampleId :
BP-TT192D2-GW-20250508

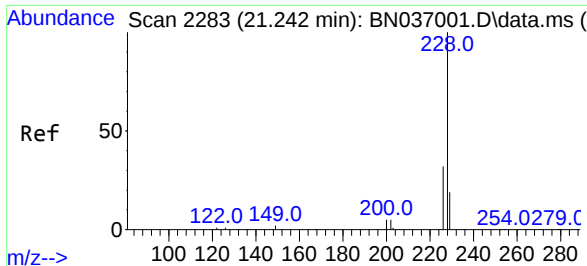
Tgt Ion:240 Resp: 5769
Ion Ratio Lower Upper
240 100
120 13.1 15.1 22.7#
236 28.6 24.0 36.0



#31
Terphenyl-d14
Concen: 0.69 ng
RT: 19.653 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

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

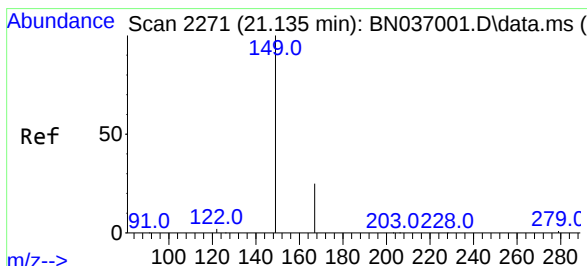
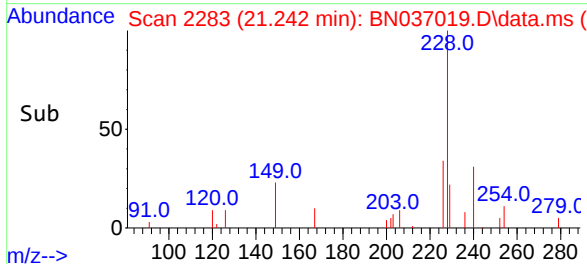
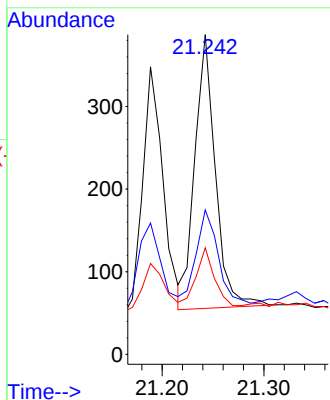
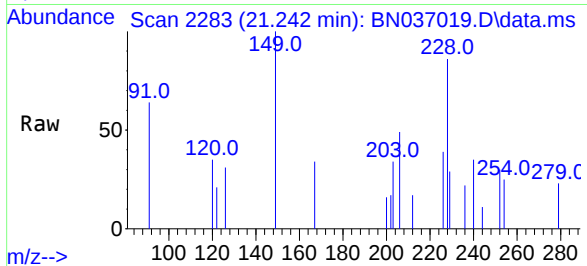




#33
Chrysene
Concen: 0.02 ng
RT: 21.242 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

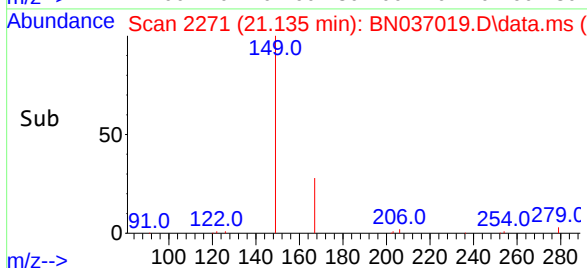
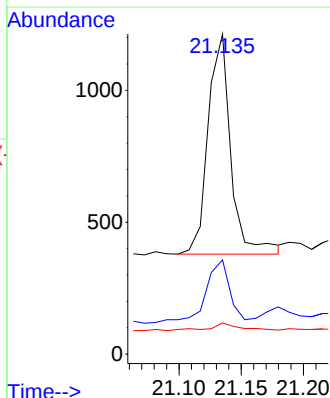
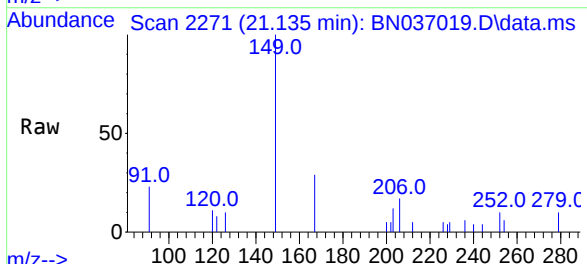
Instrument :
BNA_N
ClientSampleId :
BP-TT192D2-GW-20250508

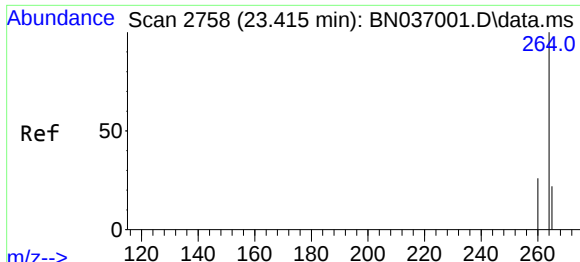
Tgt Ion:228 Resp: 465
Ion Ratio Lower Upper
228 100
226 45.2 26.3 39.5#
229 33.3 16.2 24.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.08 ng
RT: 21.135 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

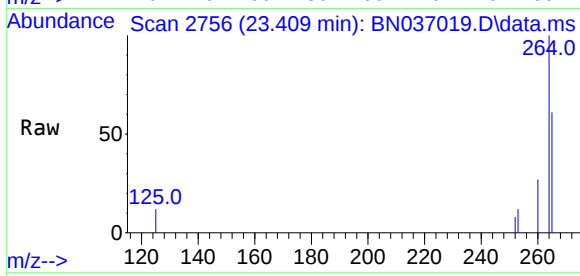
Tgt Ion:149 Resp: 1066
Ion Ratio Lower Upper
149 100
167 29.4 20.6 30.8
279 4.5 2.6 3.8#





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.409 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037019.D
Acq: 14 May 2025 19:12

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



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

