

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
 Data File : BN037199.D
 Acq On : 09 Jun 2025 19:27
 Operator : RC/JU
 Sample : Q2250-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 10 04:03:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 04 01:52:03 2025
 Response via : Initial Calibration

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

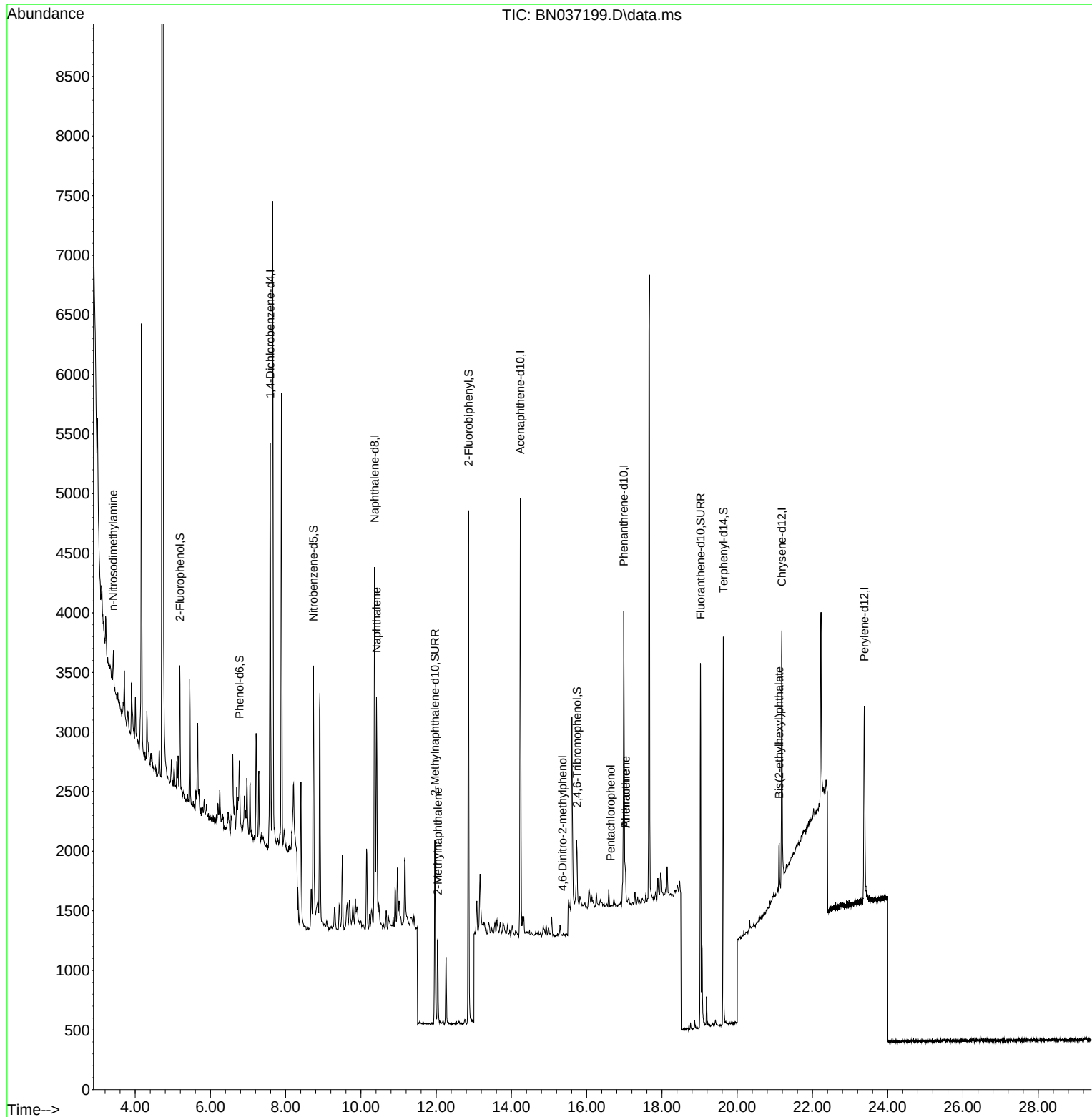
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1555	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	3832	0.400	ng	#-0.01
13) Acenaphthene-d10	14.235	164	2033	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	3502	0.400	ng	0.00
29) Chrysene-d12	21.189	240	2341	0.400	ng	# 0.00
35) Perylene-d12	23.377	264	2267	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	698	0.182	ng	0.00
5) Phenol-d6	6.773	99	472	0.101	ng	0.00
8) Nitrobenzene-d5	8.739	82	1662	0.411	ng	0.00
11) 2-Methylnaphthalene-d10	11.966	152	2087	0.391	ng	0.00
14) 2,4,6-Tribromophenol	15.743	330	331	0.404	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	3832	0.442	ng	0.00
27) Fluoranthene-d10	19.026	212	3674	0.413	ng	0.00
31) Terphenyl-d14	19.630	244	3024	0.549	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.415	42	120	0.029	ng	# 31
9) Naphthalene	10.415	128	1769	0.160	ng	95
12) 2-Methylnaphthalene	12.042	142	486	0.069	ng	93
20) 4,6-Dinitro-2-methylph...	15.357	198	2	0.276	ng	# 1
24) Pentachlorophenol	16.636	266	8	0.221	ng	# 20
25) Phenanthrene	17.033	178	288	0.025	ng	# 93
26) Anthracene	17.033	178	284	0.027	ng	99
34) Bis(2-ethylhexyl)phtha...	21.117	149	421	0.079	ng	# 96

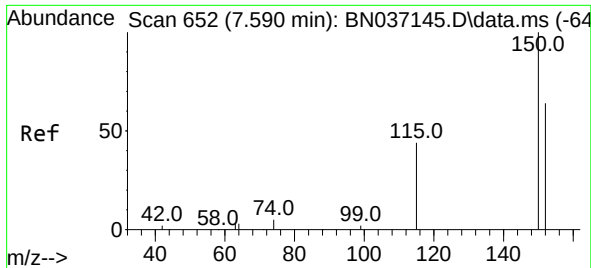
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
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BNA_N
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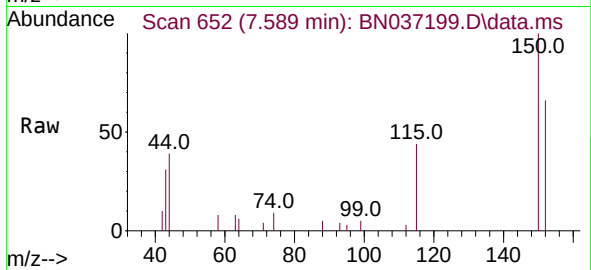
Quant Time: Jun 10 04:03:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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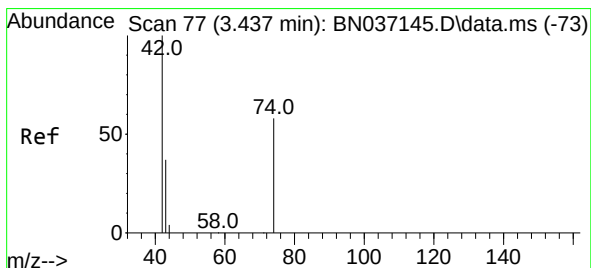
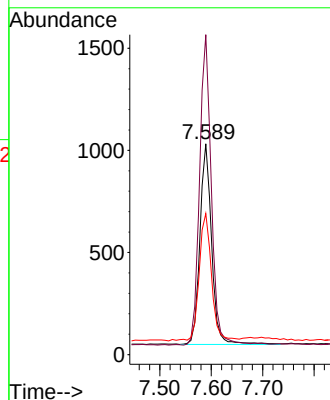
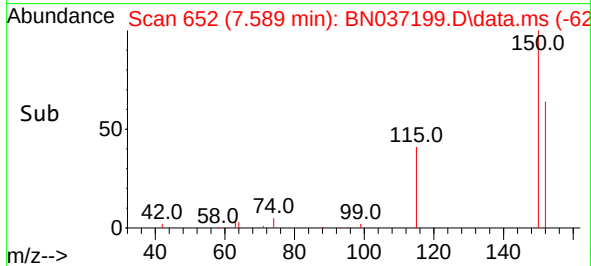


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037199.D
 Acq: 09 Jun 2025 19:27

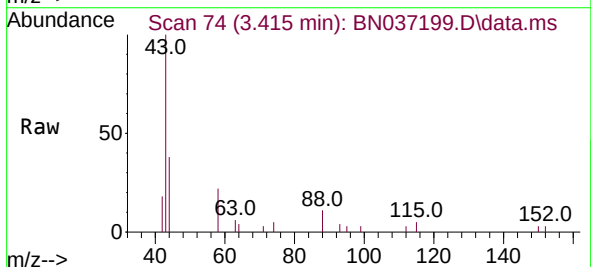
Instrument :
 BNA_N
 ClientSampleId :



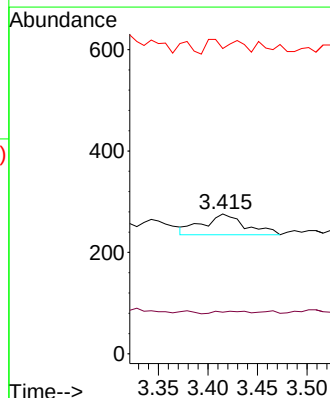
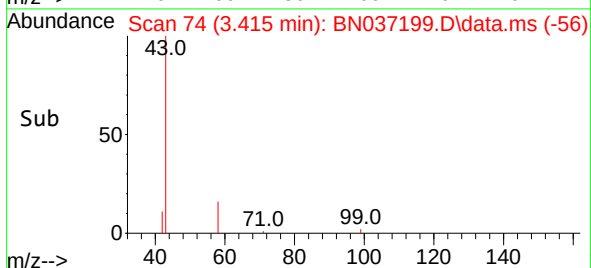
Tgt Ion:152 Resp: 1555
 Ion Ratio Lower Upper
 152 100
 150 151.8 123.2 184.8
 115 67.0 56.6 85.0

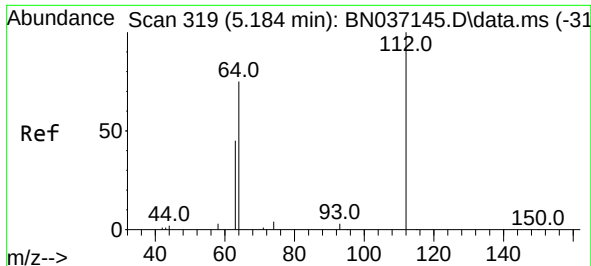


#3
 n-Nitrosodimethylamine
 Concen: 0.029 ng
 RT: 3.415 min Scan# 74
 Delta R.T. -0.022 min
 Lab File: BN037199.D
 Acq: 09 Jun 2025 19:27



Tgt Ion: 42 Resp: 120
 Ion Ratio Lower Upper
 42 100
 74 9.2 53.0 79.4#
 44 25.0 5.9 8.9#

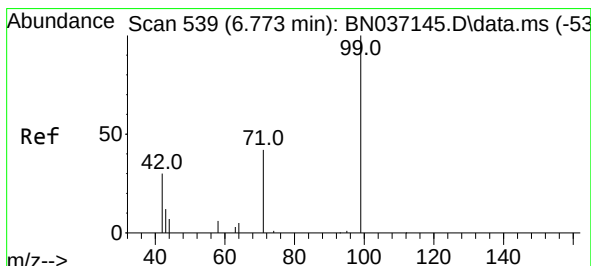
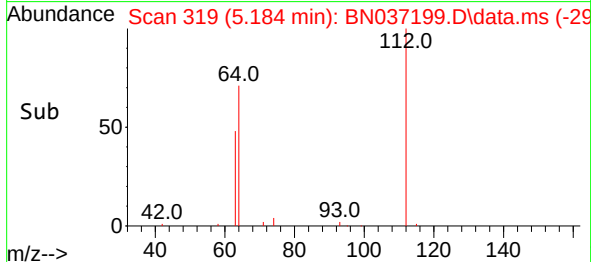
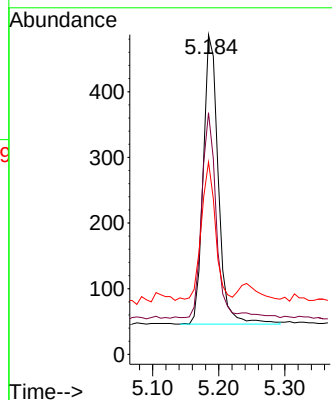
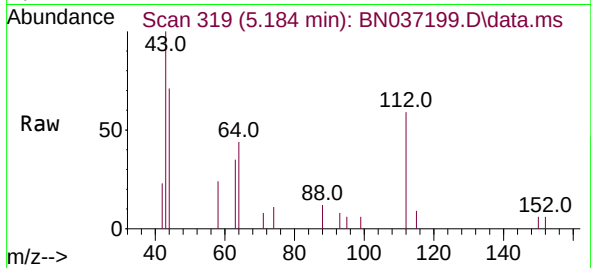




#4
2-Fluorophenol
Concen: 0.182 ng
RT: 5.184 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

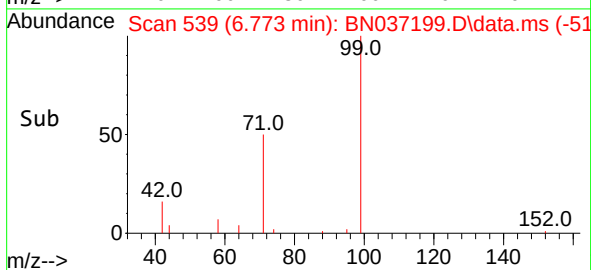
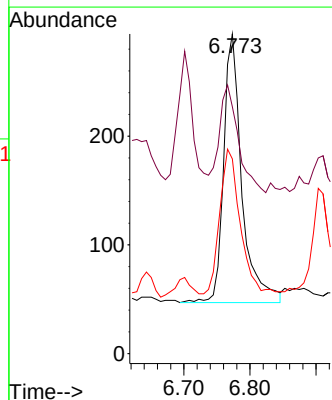
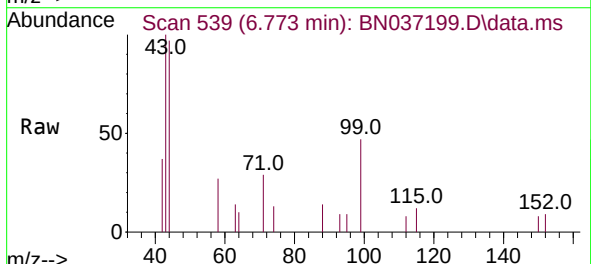
Instrument :
BNA_N
ClientSampleId :

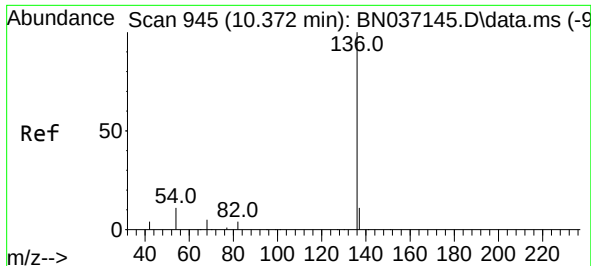
Tgt Ion:112 Resp: 698
Ion Ratio Lower Upper
112 100
64 66.9 56.3 84.5
63 46.6 36.2 54.4



#5
Phenol-d6
Concen: 0.101 ng
RT: 6.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

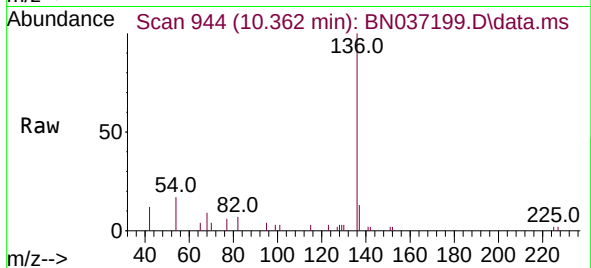
Tgt Ion: 99 Resp: 472
Ion Ratio Lower Upper
99 100
42 42.2 31.3 46.9
71 60.0 38.2 57.2#



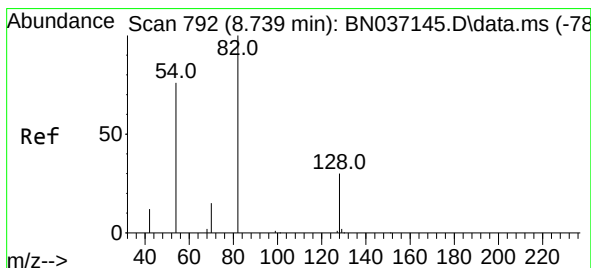
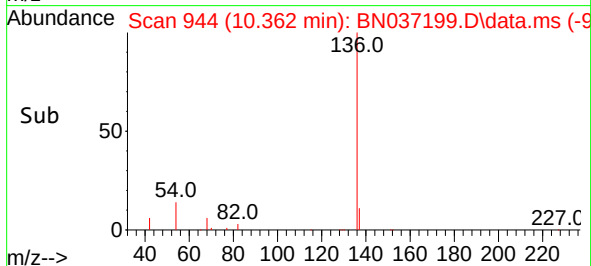
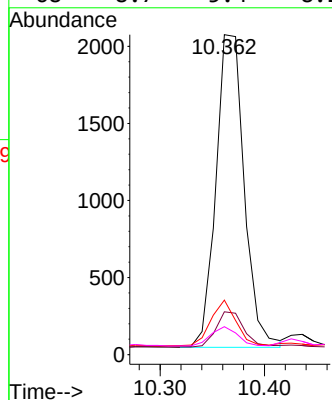


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 945
Delta R.T. -0.011 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

Instrument :
BNA_N
ClientSampleId :

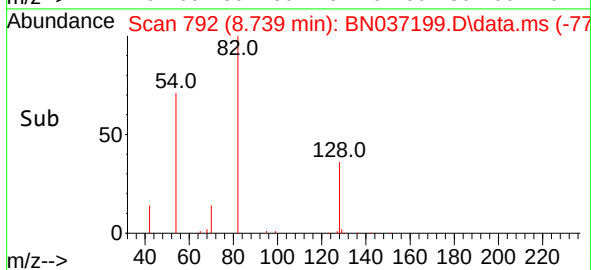
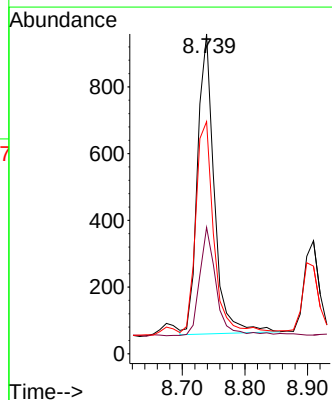
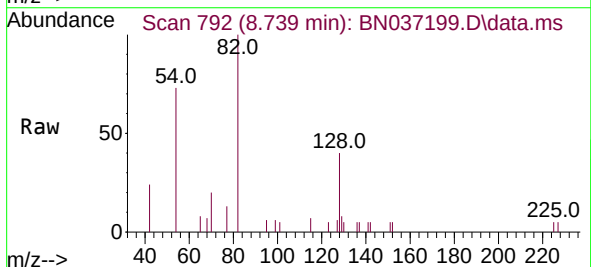


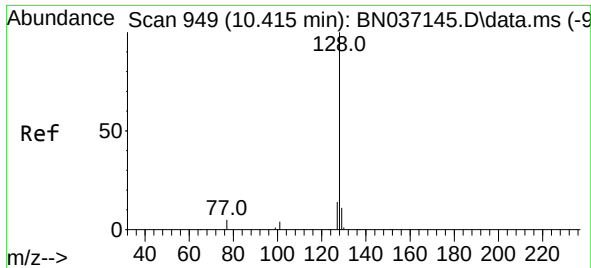
Tgt Ion:136	Resp:	3832
Ion	Ratio	Lower Upper
136	100	
137	13.4	9.7 14.5
54	17.1	9.7 14.5#
68	8.7	5.4 8.2#



#8
Nitrobenzene-d5
Concen: 0.411 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

Tgt Ion: 82	Resp:	1662
Ion	Ratio	Lower Upper
82	100	
128	39.5	26.9 40.3
54	72.6	61.4 92.2

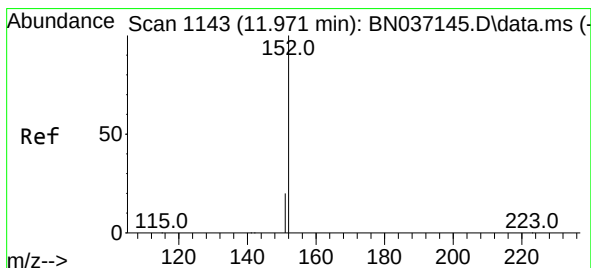
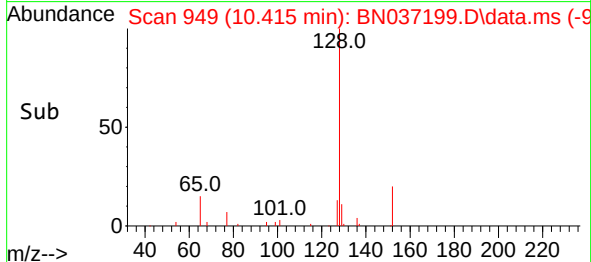
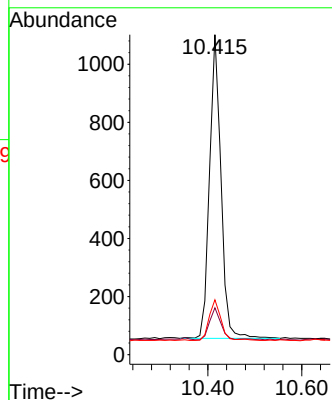
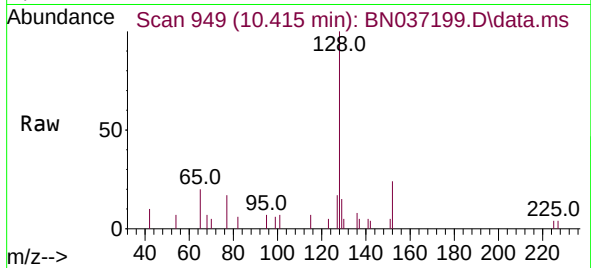




#9
Naphthalene
Concen: 0.160 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

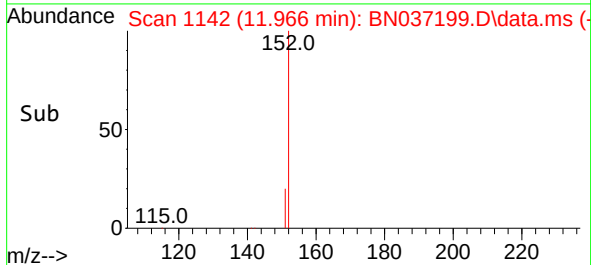
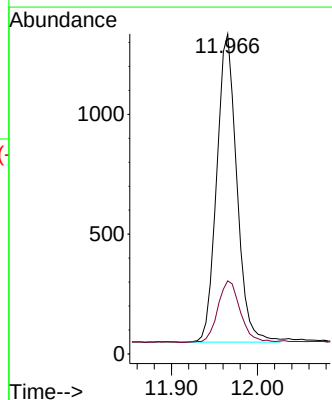
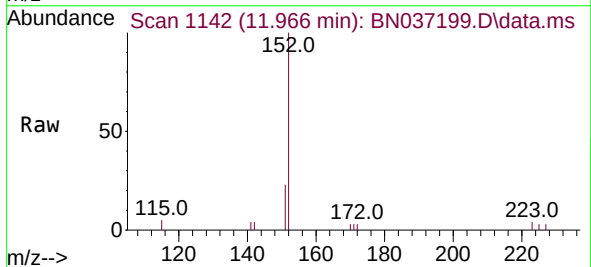
Instrument :
BNA_N
ClientSampleId :

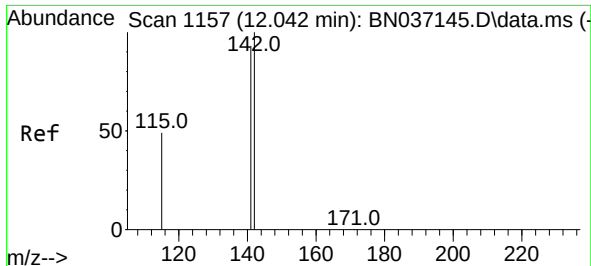
Tgt Ion:128 Resp: 1769
Ion Ratio Lower Upper
128 100
129 14.6 9.8 14.8
127 17.2 12.3 18.5



#11
2-Methylnaphthalene-d10
Concen: 0.391 ng
RT: 11.966 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

Tgt Ion:152 Resp: 2087
Ion Ratio Lower Upper
152 100
151 22.3 17.1 25.7

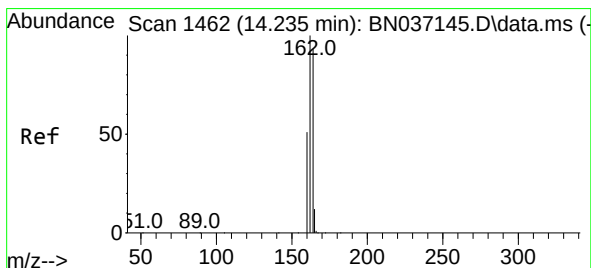
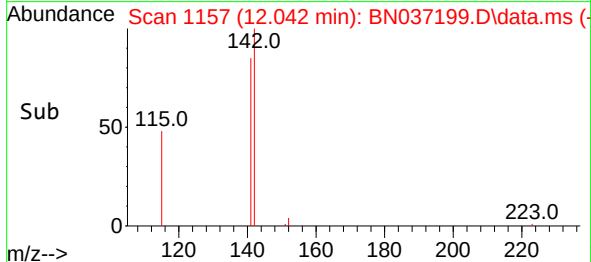
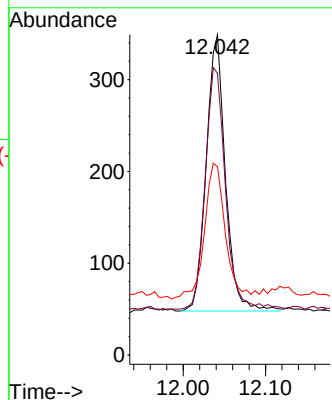
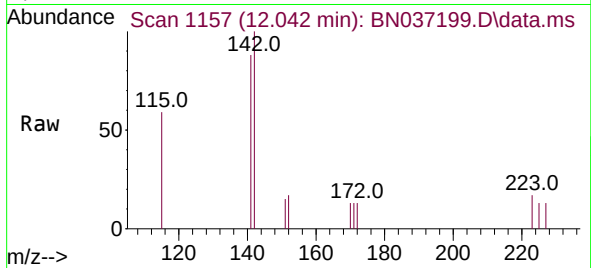




#12
2-Methylnaphthalene
Concen: 0.069 ng
RT: 12.042 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

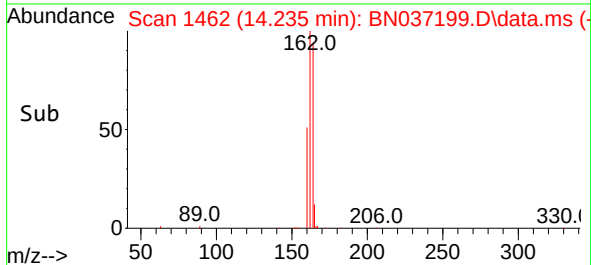
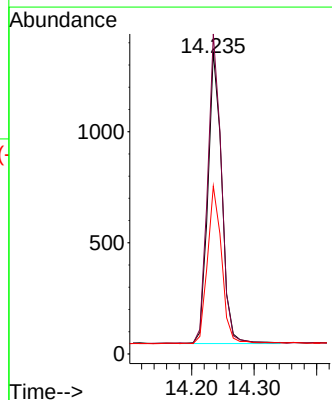
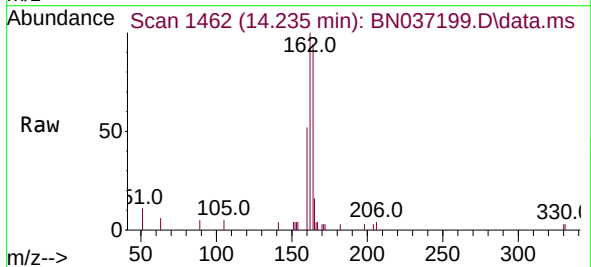
Instrument :
BNA_N
ClientSampleId :

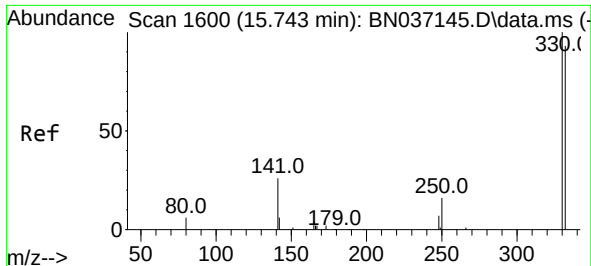
Tgt Ion:142 Resp: 486
Ion Ratio Lower Upper
142 100
141 88.0 74.6 111.8
115 58.7 41.0 61.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

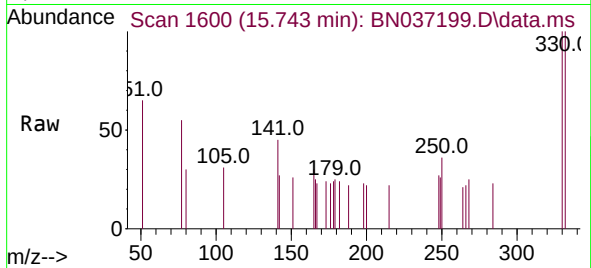
Tgt Ion:164 Resp: 2033
Ion Ratio Lower Upper
164 100
162 106.0 85.5 128.3
160 55.6 44.6 67.0



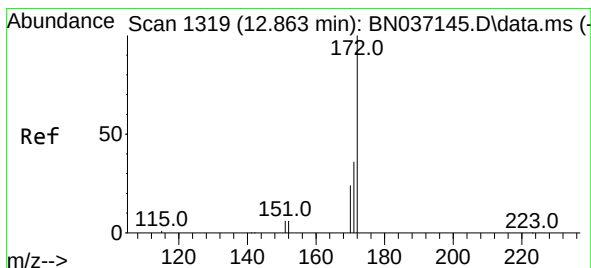
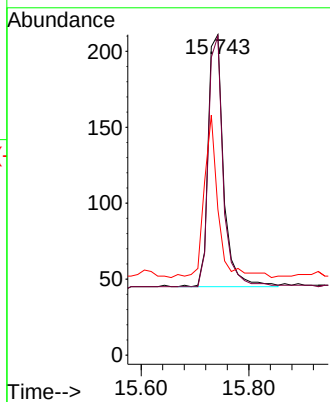
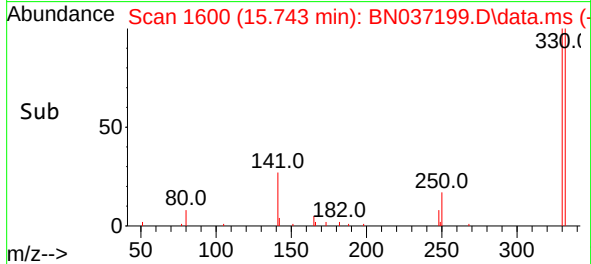


#14
 2,4,6-Tribromophenol
 Concen: 0.404 ng
 RT: 15.743 min Scan# 1600
 Delta R.T. -0.000 min
 Lab File: BN037199.D
 Acq: 09 Jun 2025 19:27

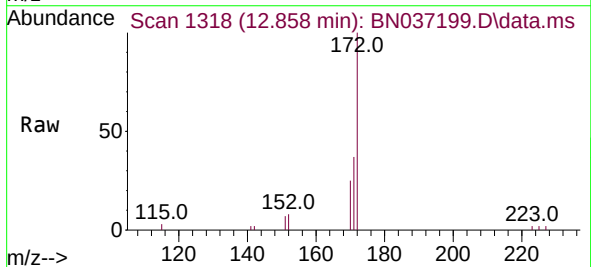
Instrument :
 BNA_N
 ClientSampleId :



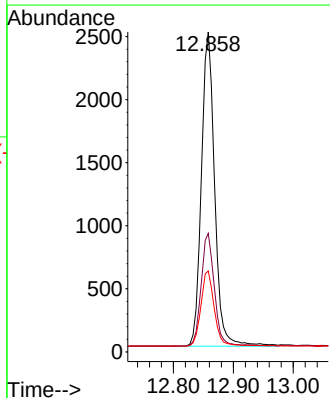
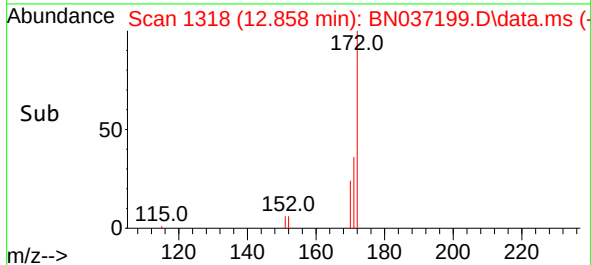
Tgt Ion: 330 Resp: 331
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.1 115.7
 141 58.6 46.4 69.6

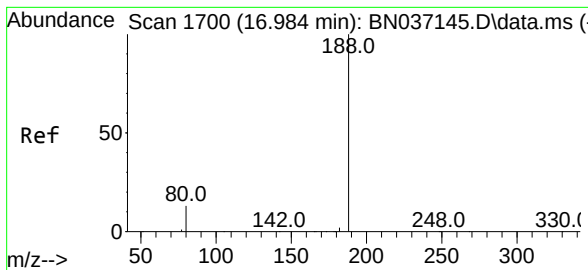


#15
 2-Fluorobiphenyl
 Concen: 0.442 ng
 RT: 12.858 min Scan# 1318
 Delta R.T. -0.005 min
 Lab File: BN037199.D
 Acq: 09 Jun 2025 19:27



Tgt Ion: 172 Resp: 3832
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.6 44.4
 170 25.3 20.3 30.5

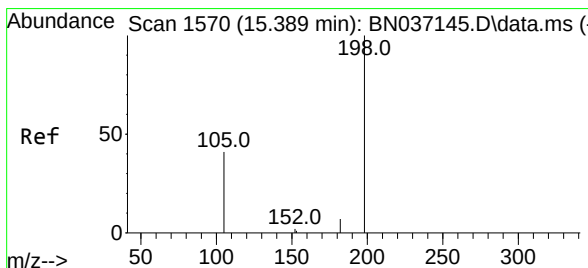
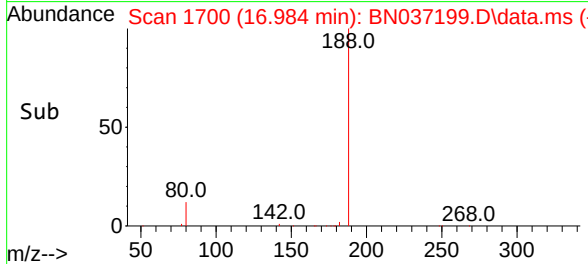
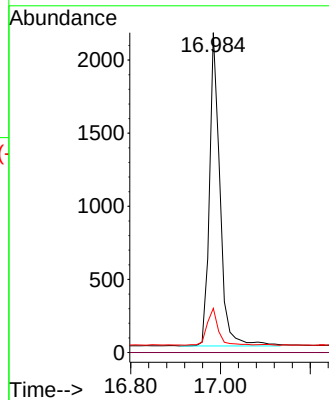
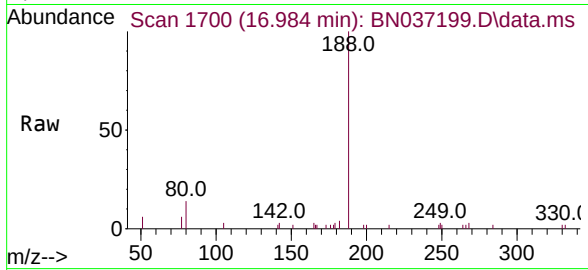




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

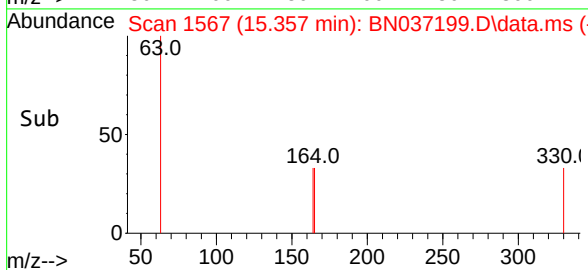
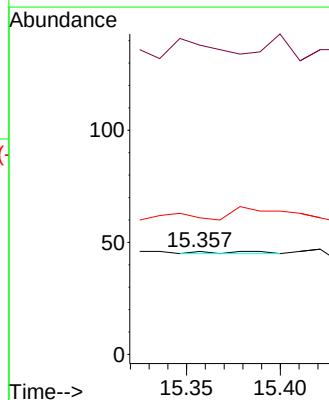
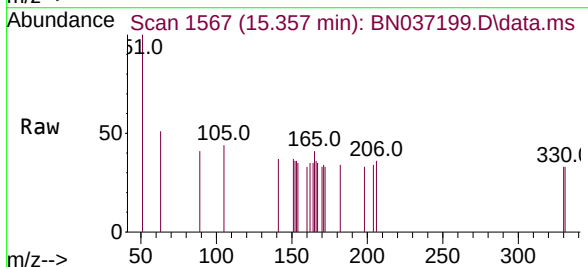
Instrument :
BNA_N
ClientSampleId :

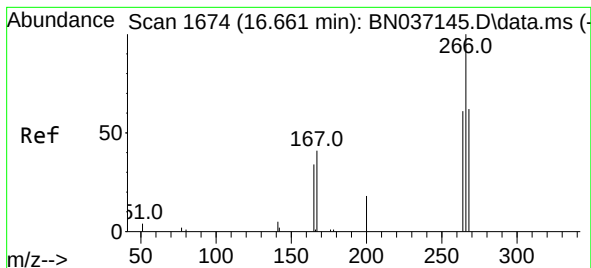
Tgt Ion:188 Resp: 3502
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 11.3 16.9



#20
4,6-Dinitro-2-methylphenol
Concen: 0.276 ng
RT: 15.357 min Scan# 1567
Delta R.T. -0.032 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 300.0 125.2 187.8#
105 132.6 57.1 85.7#

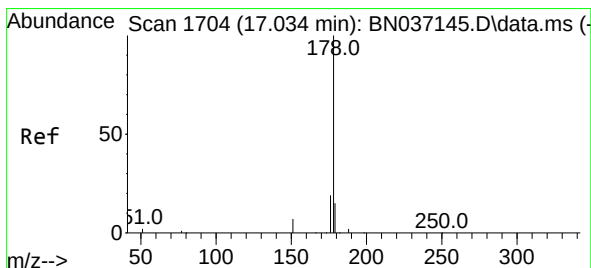
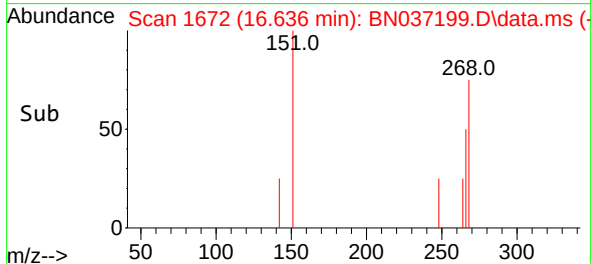
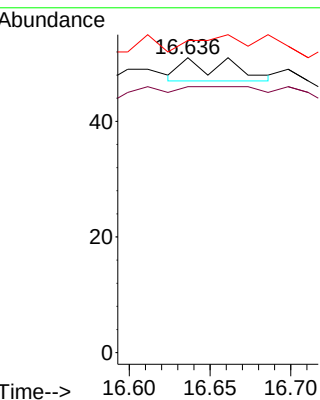
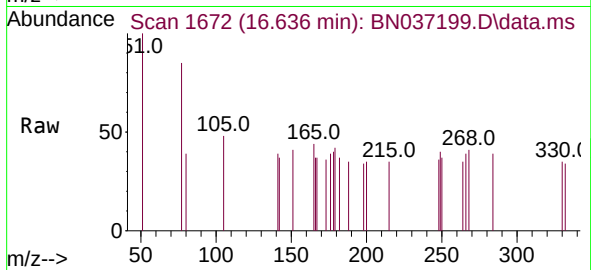




#24
 Pentachlorophenol
 Concen: 0.221 ng
 RT: 16.636 min Scan# 1672
 Delta R.T. -0.025 min
 Lab File: BN037199.D
 Acq: 09 Jun 2025 19:27

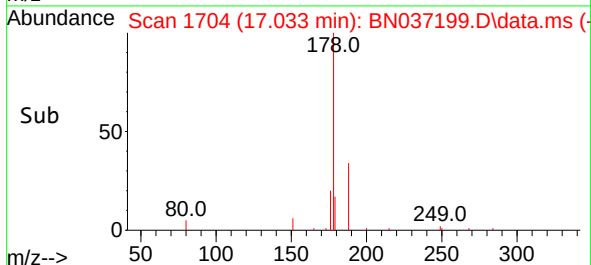
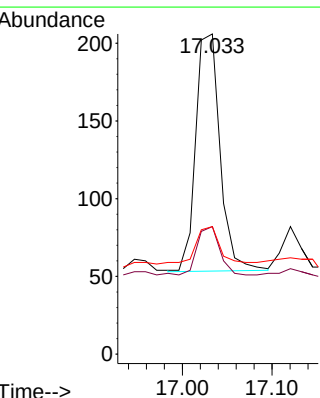
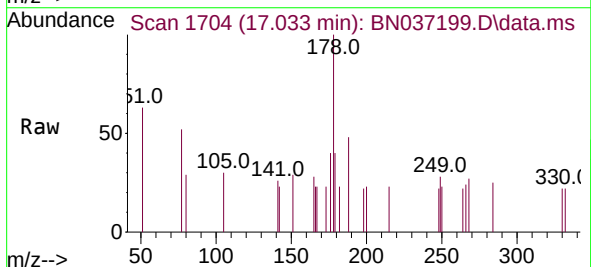
Instrument :
 BNA_N
 ClientSampleId :

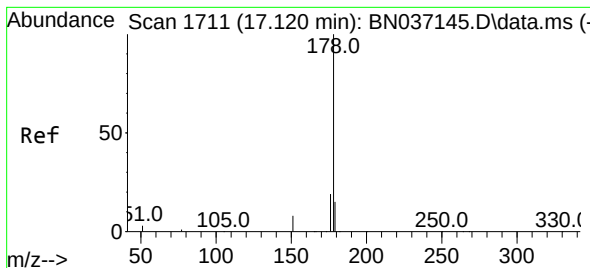
Tgt Ion:266 Resp: 8
 Ion Ratio Lower Upper
 266 100
 264 0.0 49.3 73.9#
 268 0.0 49.0 73.4#



#25
 Phenanthrene
 Concen: 0.025 ng
 RT: 17.033 min Scan# 1704
 Delta R.T. -0.000 min
 Lab File: BN037199.D
 Acq: 09 Jun 2025 19:27

Tgt Ion:178 Resp: 288
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.7 23.5
 179 21.5 12.3 18.5#





#26

Anthracene

Concen: 0.027 ng

RT: 17.033 min Scan# 1704

Delta R.T. -0.087 min

Lab File: BN037199.D

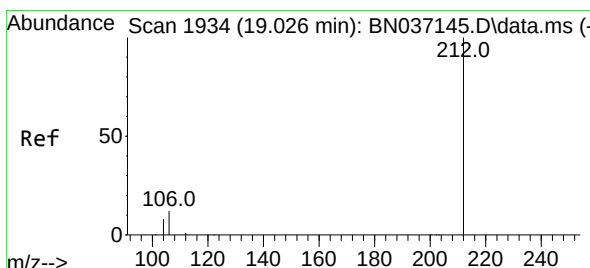
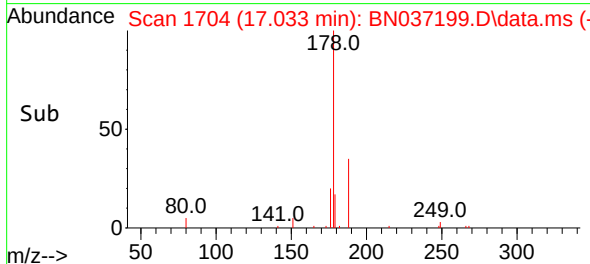
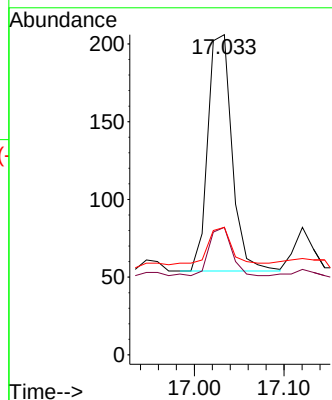
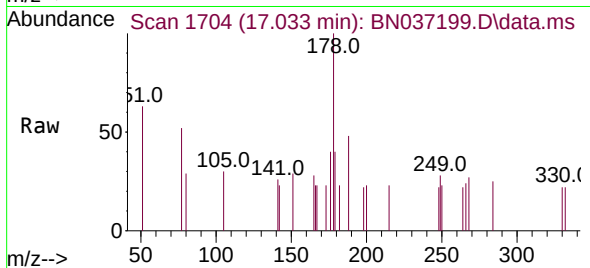
Acq: 09 Jun 2025 19:27

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:178	Resp:	284
Ion	Ratio	Lower Upper
178	100	
176	19.0	15.2 22.8
179	15.5	12.9 19.3



#27

Fluoranthene-d10

Concen: 0.413 ng

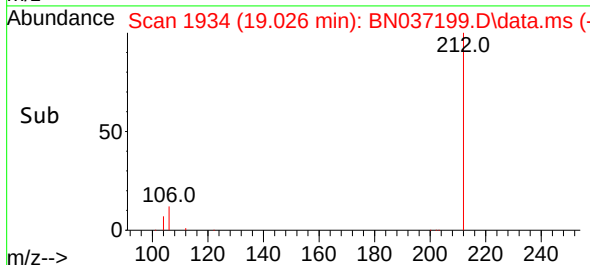
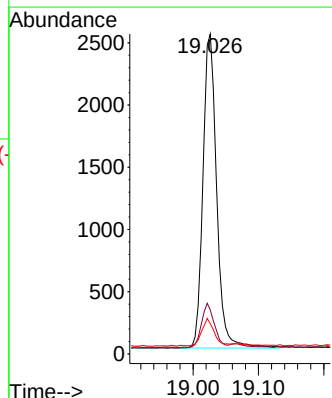
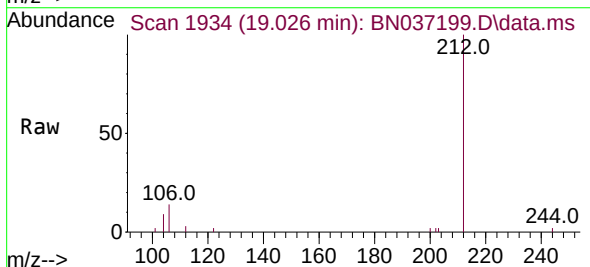
RT: 19.026 min Scan# 1934

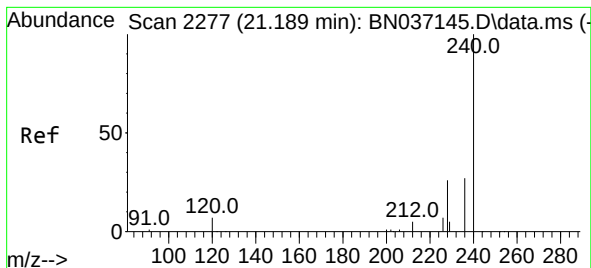
Delta R.T. -0.000 min

Lab File: BN037199.D

Acq: 09 Jun 2025 19:27

Tgt Ion:212	Resp:	3674
Ion	Ratio	Lower Upper
212	100	
106	13.1	10.6 15.8
104	7.9	6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.189 min Scan# 21

Delta R.T. -0.000 min

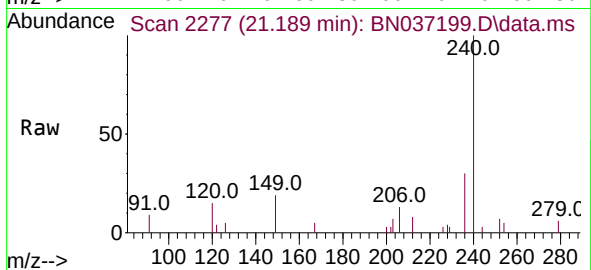
Lab File: BN037199.D

Acq: 09 Jun 2025 19:27

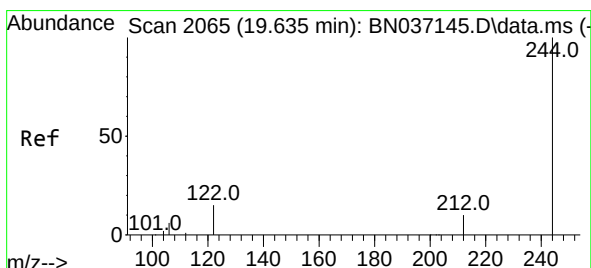
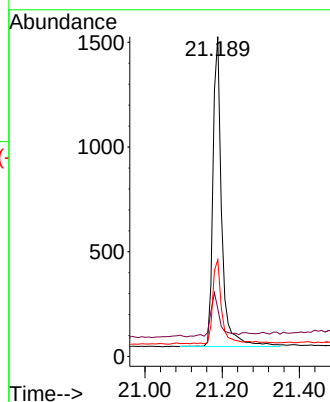
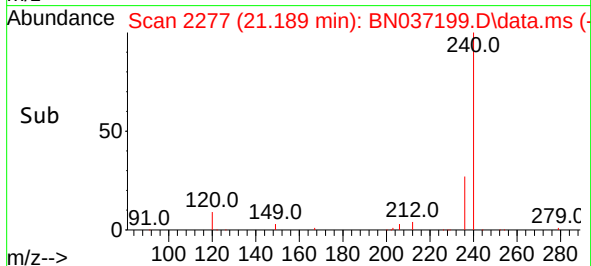
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:240	Resp:	2341
Ion Ratio	Lower	Upper
240	100	
120	14.9	9.0 13.4#
236	30.3	23.0 34.4



#31

Terphenyl-d14

Concen: 0.549 ng

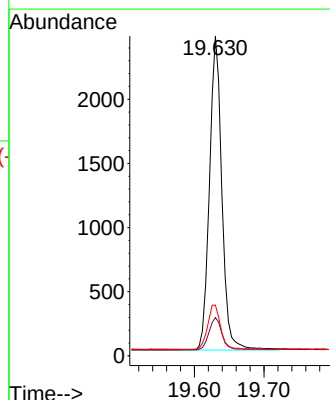
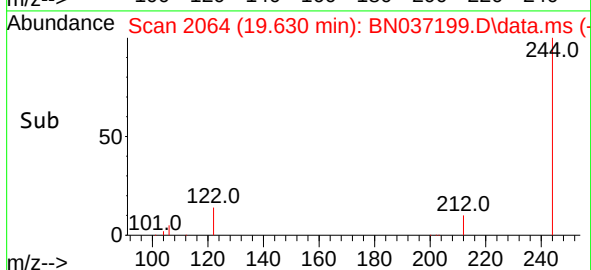
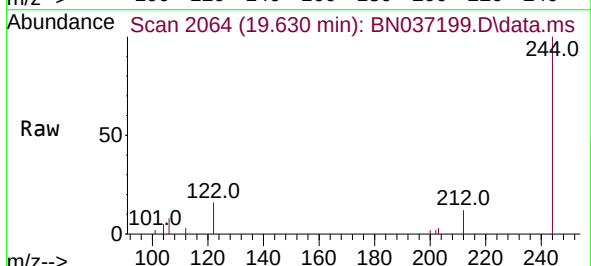
RT: 19.630 min Scan# 2064

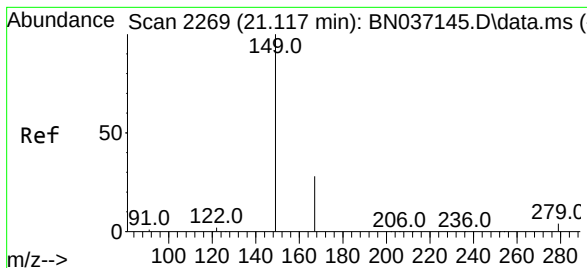
Delta R.T. -0.005 min

Lab File: BN037199.D

Acq: 09 Jun 2025 19:27

Tgt Ion:244	Resp:	3024
Ion Ratio	Lower	Upper
244	100	
212	12.0	10.0 15.0
122	15.9	13.2 19.8

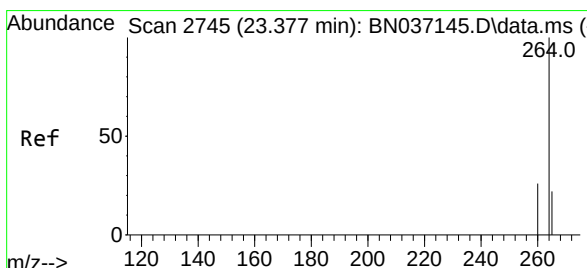
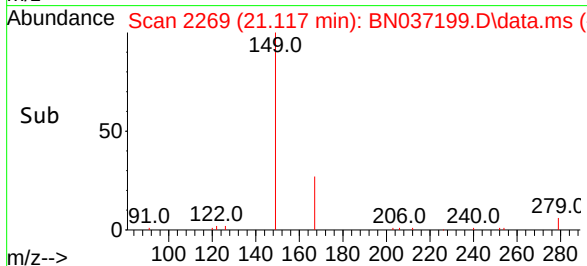
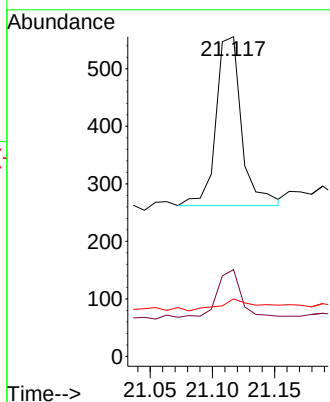
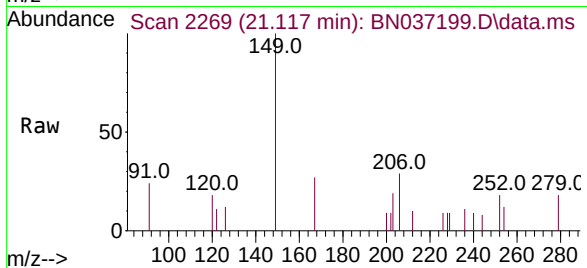




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.079 ng
 RT: 21.117 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN037199.D
 Acq: 09 Jun 2025 19:27

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 421
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 14.7 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.377 min Scan# 2745
 Delta R.T. -0.000 min
 Lab File: BN037199.D
 Acq: 09 Jun 2025 19:27

Tgt Ion:264 Resp: 2267
 Ion Ratio Lower Upper
 264 100
 260 26.8 22.1 33.1
 265 88.3 55.8 83.8#

