

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 :
 EB02-060525

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)

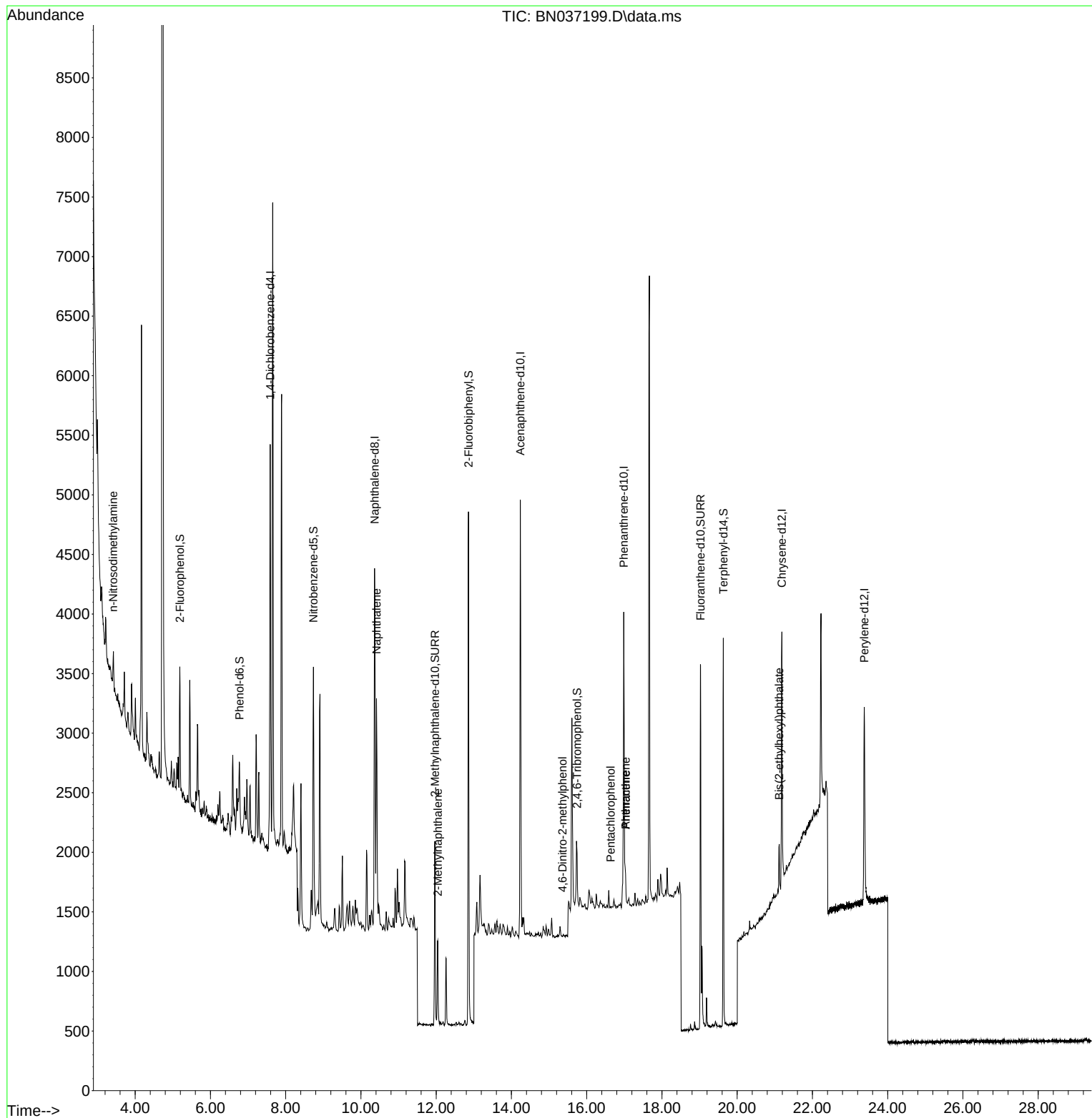
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1555	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	3832	0.400	ng	#-0.01
13) Acenaphthene-d10	14.235	164	2033	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	3502	0.400	ng	0.00
29) Chrysene-d12	21.189	240	2341	0.400	ng	# 0.00
35) Perylene-d12	23.377	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

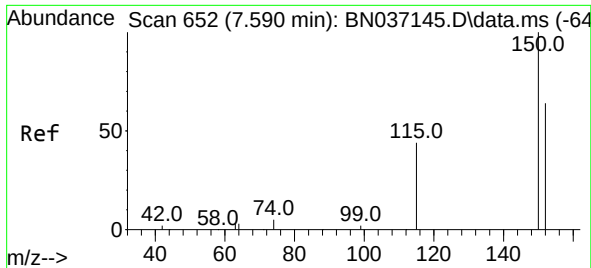
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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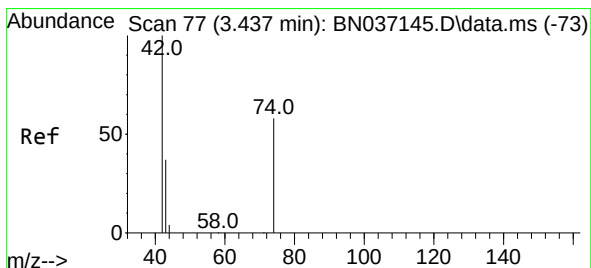
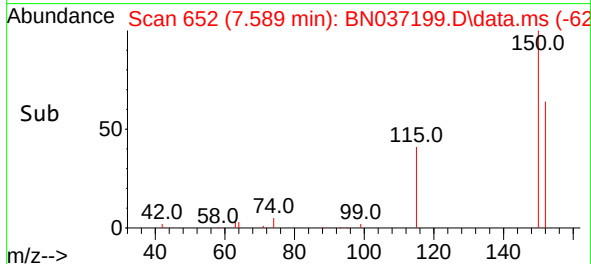
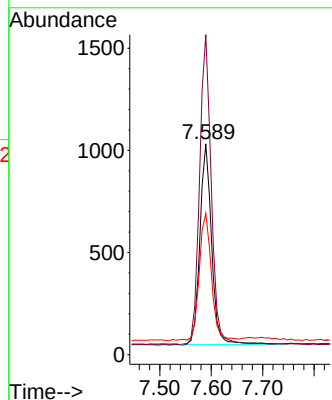
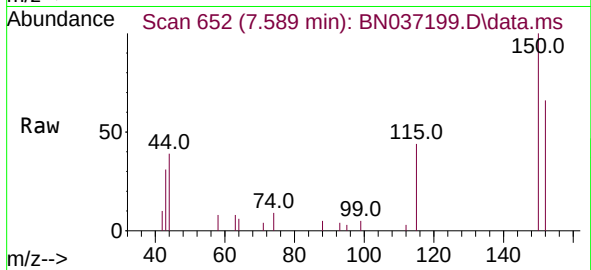




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037199.D
 Acq: 09 Jun 2025 19:27

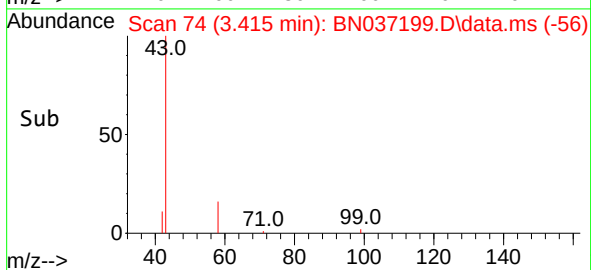
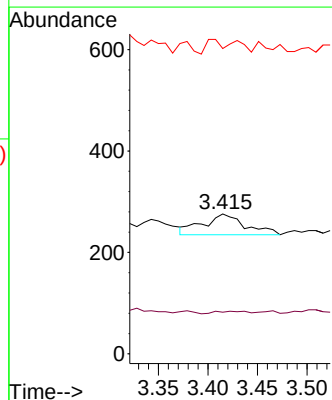
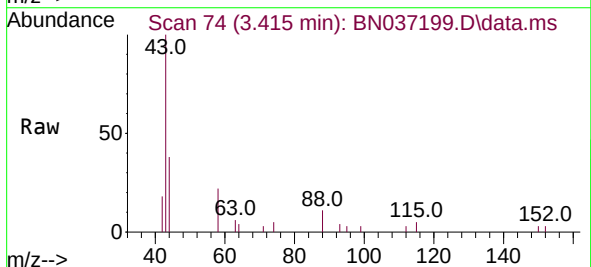
Instrument :
 BNA_N
 ClientSampleId :
 EB02-060525

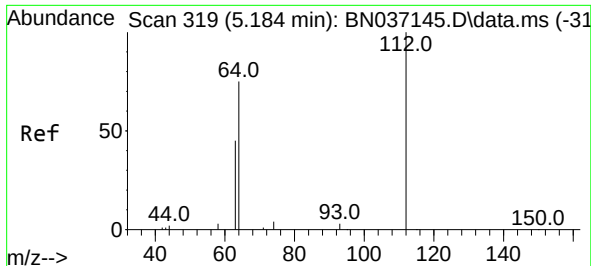
Tgt Ion:152 Resp: 1555
 Ion Ratio Lower Upper
 152 100
 150 151.8 123.2 184.8
 115 67.0 56.6 85.0



#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#

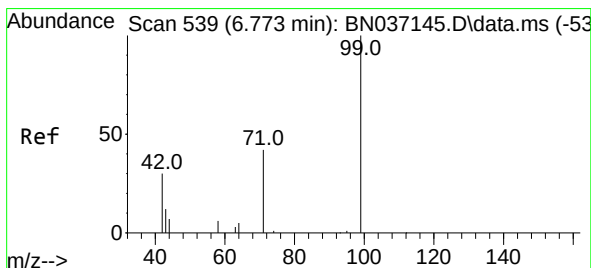
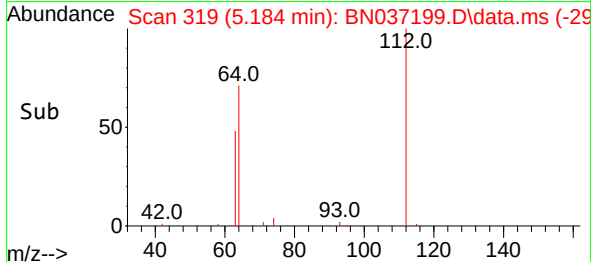
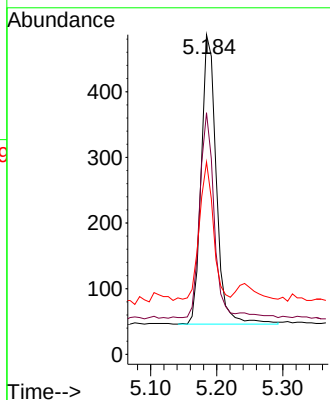
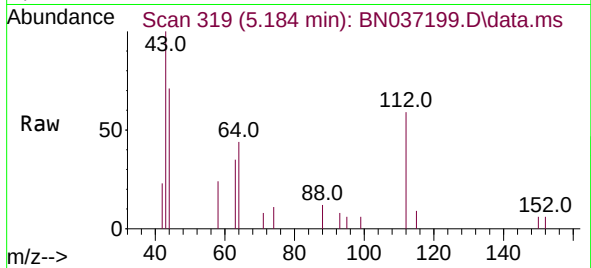




#4
2-Fluorophenol
Concen: 0.182 ng
RT: 5.184 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

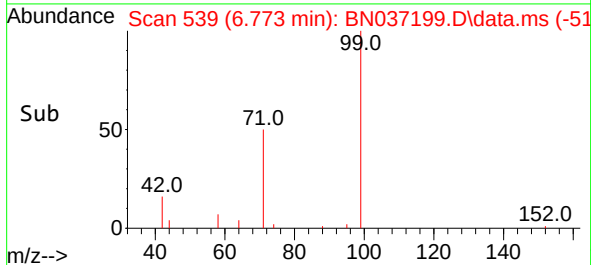
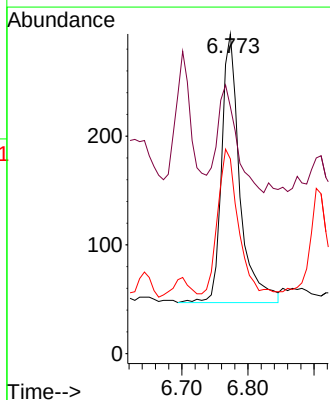
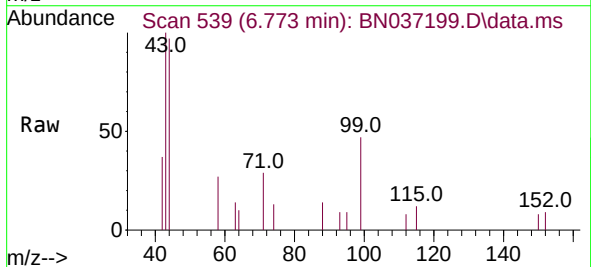
Instrument :
BNA_N
ClientSampleId :
EB02-060525

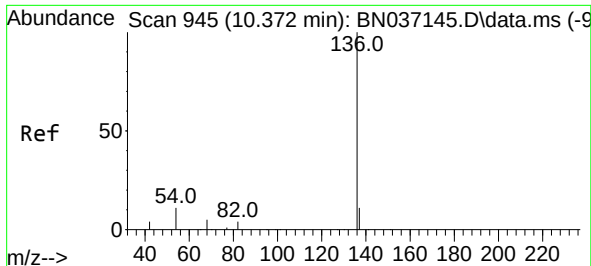
Tgt Ion:112 Resp: 698
Ion Ratio Lower Upper
112 100
64 66.9 56.3 84.5
63 46.6 36.2 54.4



#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#

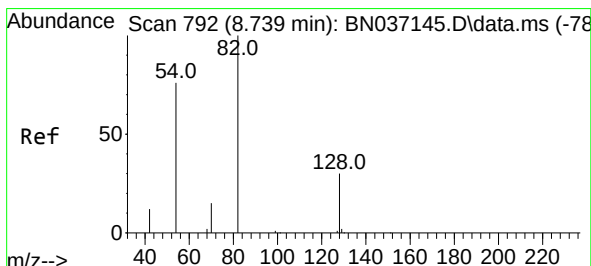
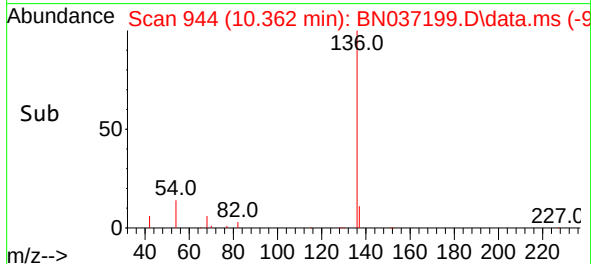
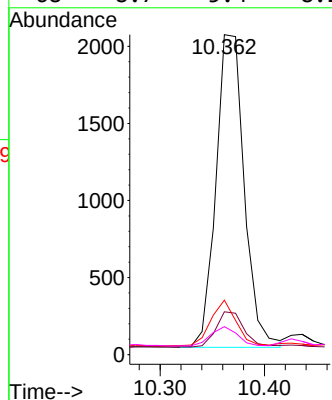
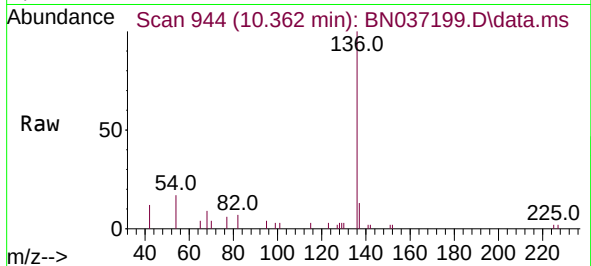




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 945
Delta R.T. -0.011 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

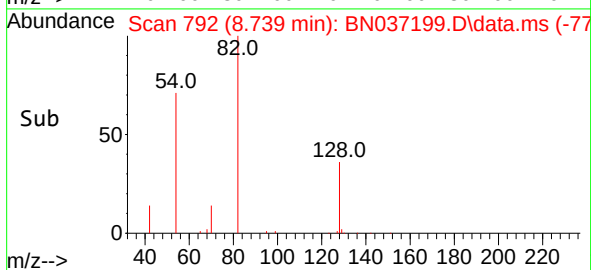
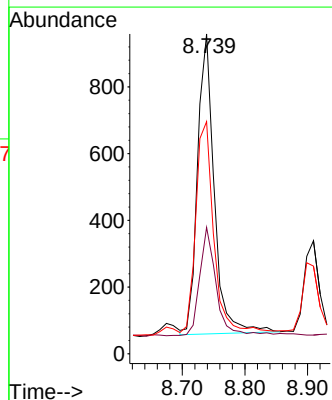
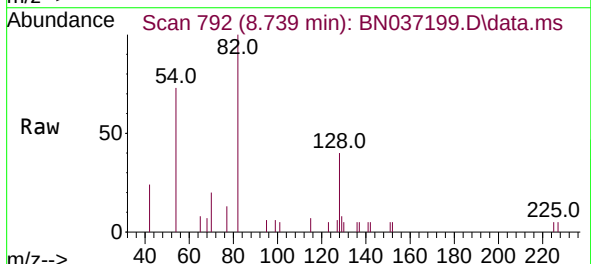
Instrument :
BNA_N
ClientSampleId :
EB02-060525

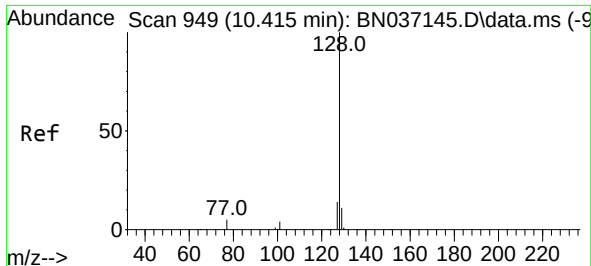
Tgt Ion:	136	Resp:	3832
Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.7	14.5
54	17.1	9.7	14.5#
68	8.7	5.4	8.2#



#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

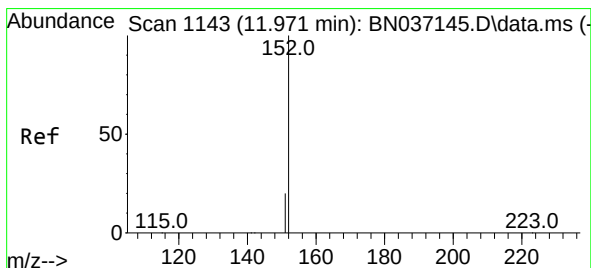
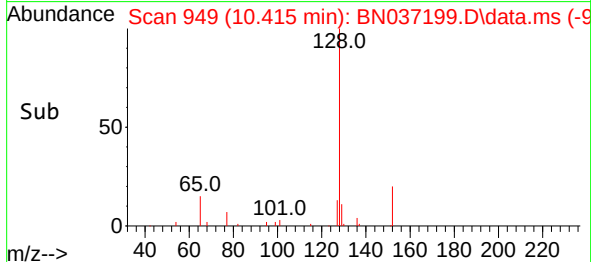
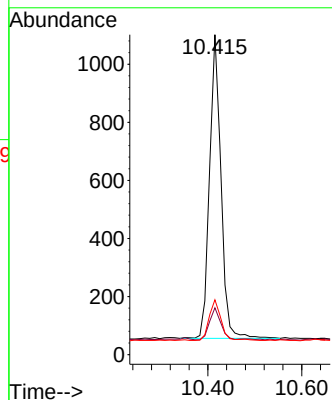
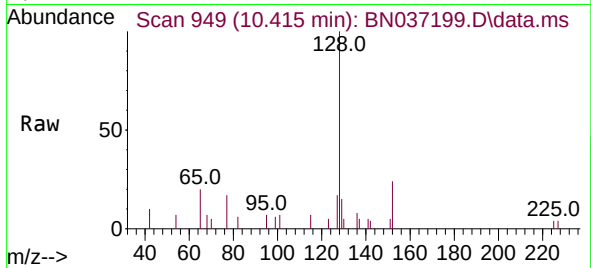




#9
Naphthalene
Concen: 0.160 ng
RT: 10.415 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

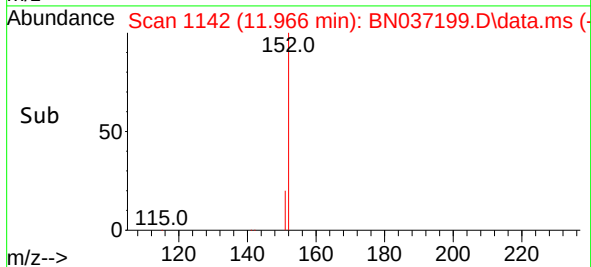
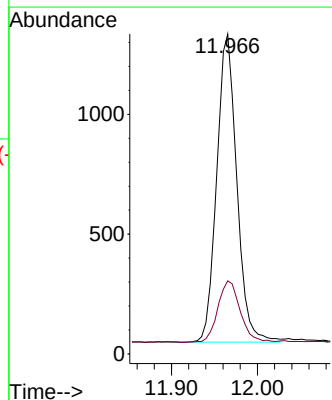
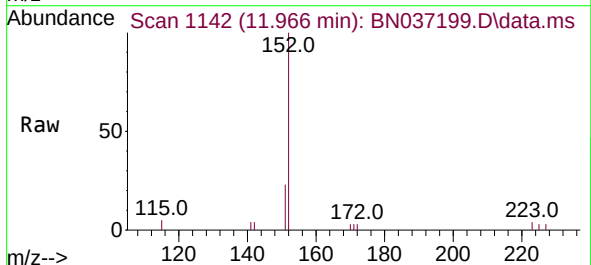
Instrument :
BNA_N
ClientSampleId :
EB02-060525

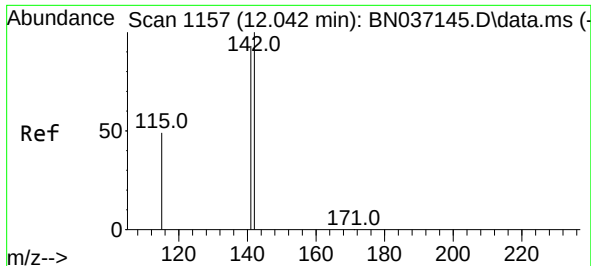
Tgt Ion:128 Resp: 1769
Ion Ratio Lower Upper
128 100
129 14.6 9.8 14.8
127 17.2 12.3 18.5



#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

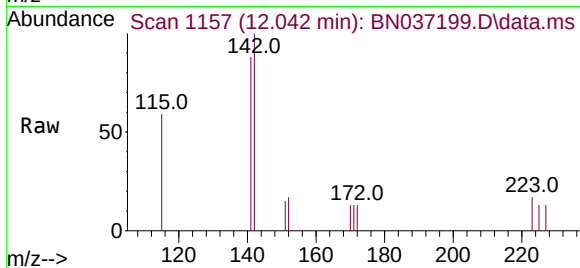
Acq: 09 Jun 2025 19:27

Instrument :

BNA_N

ClientSampleId :

EB02-060525



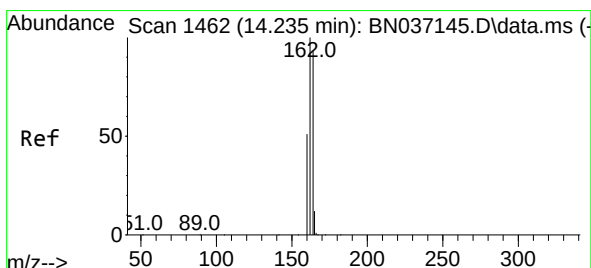
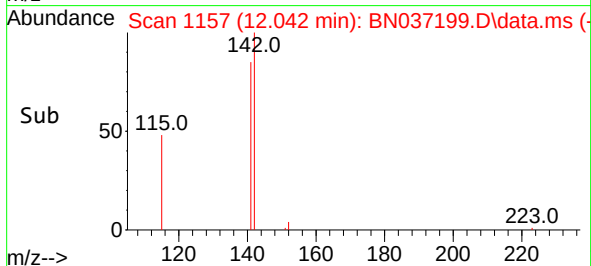
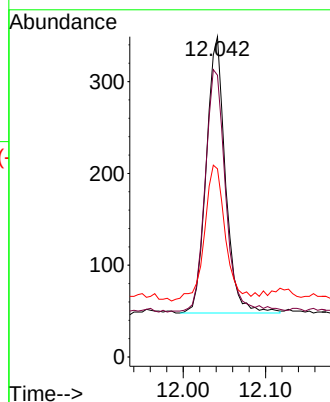
Tgt Ion:142 Resp: 486

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

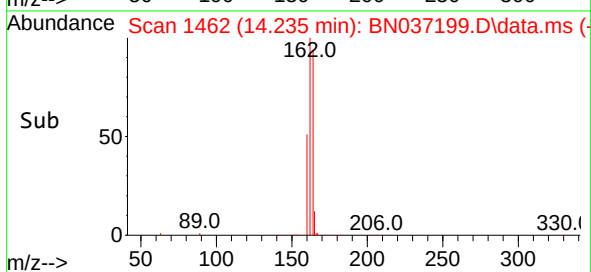
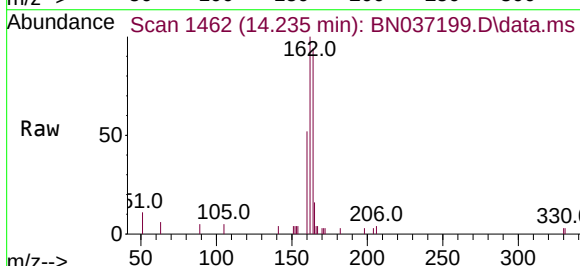
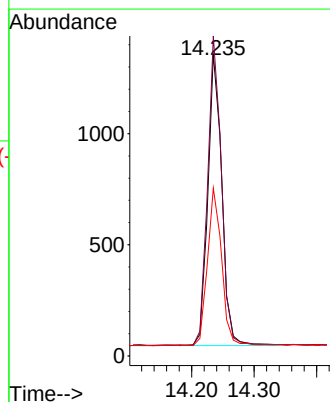
Tgt Ion:164 Resp: 2033

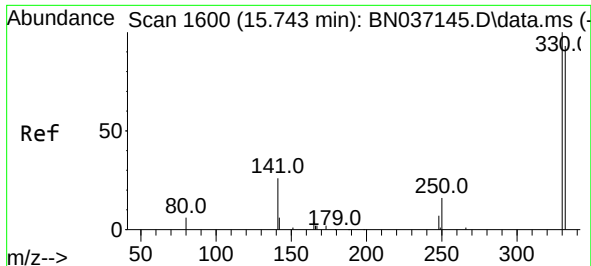
Ion Ratio Lower Upper

164 100

162 106.0 85.5 128.3

160 55.6 44.6 67.0

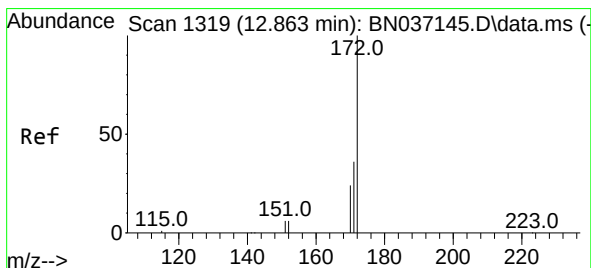
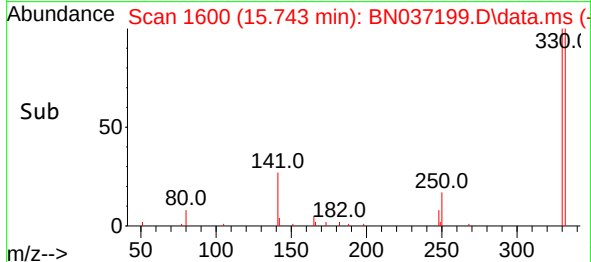
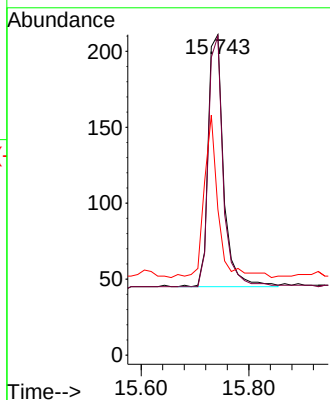
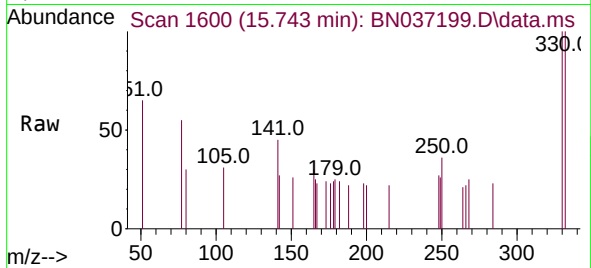




#14
2,4,6-Tribromophenol
Concen: 0.404 ng
RT: 15.743 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

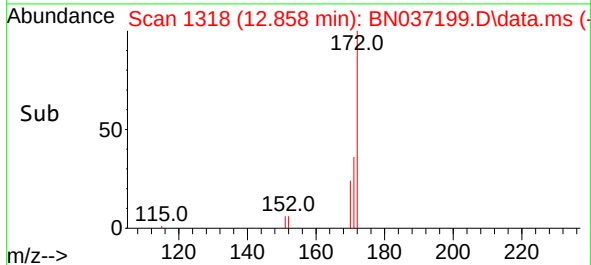
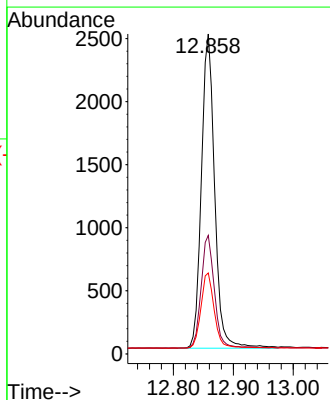
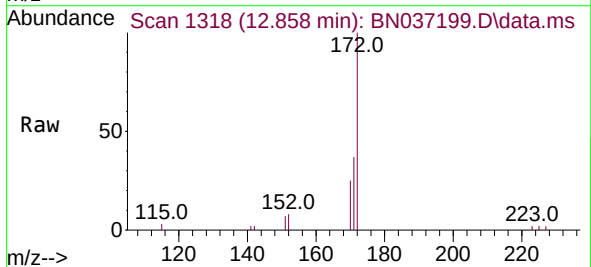
Instrument :
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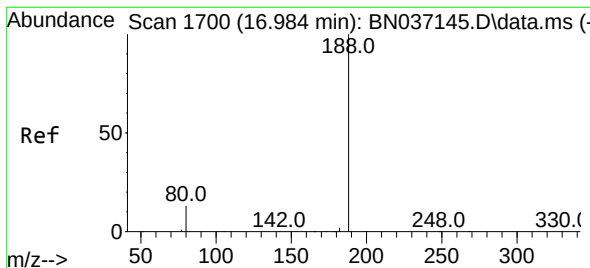
Tgt Ion:	330	Resp:	331
Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	58.6	46.4	69.6



#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 :

EB02-060525

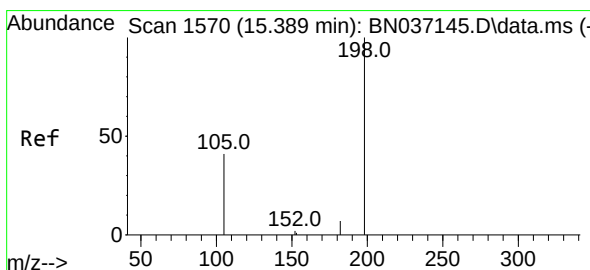
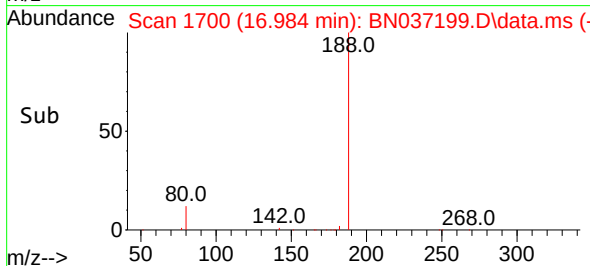
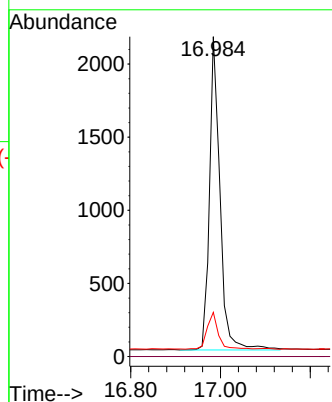
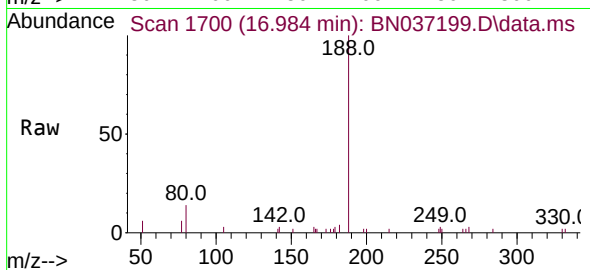
Tgt Ion:188 Resp: 3502

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

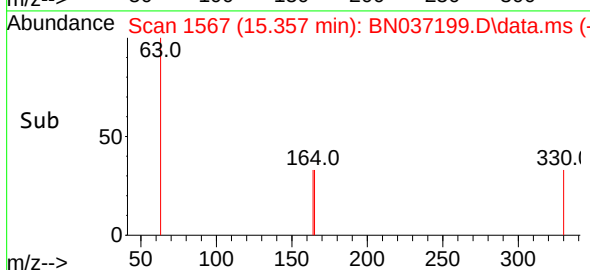
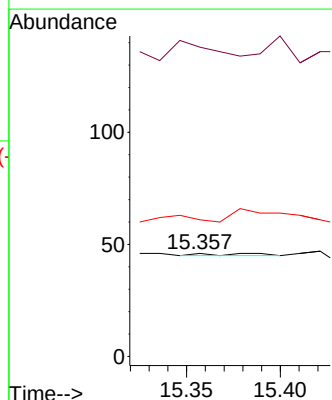
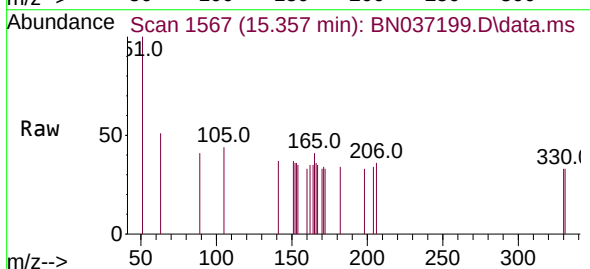
Tgt Ion:198 Resp: 2

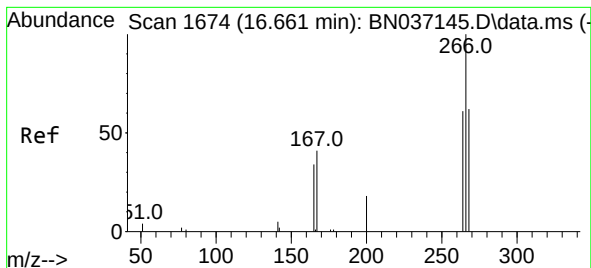
Ion Ratio Lower Upper

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 :

EB02-060525

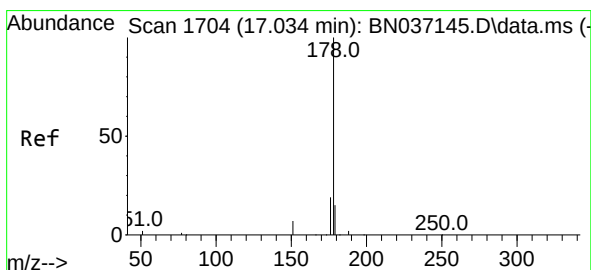
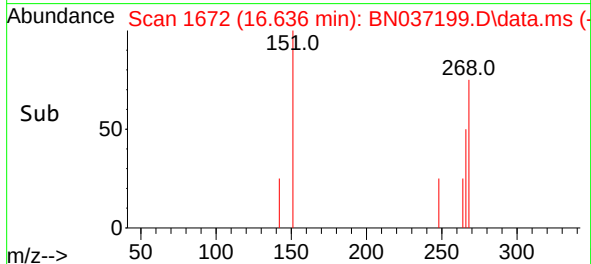
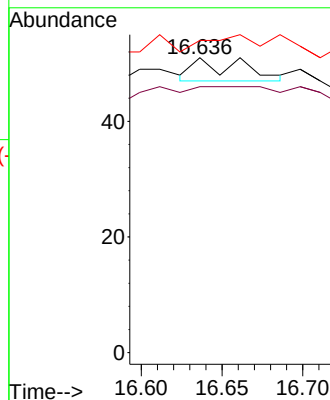
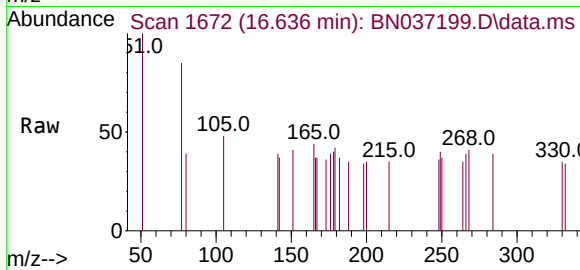
Tgt Ion:266 Resp: 8

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

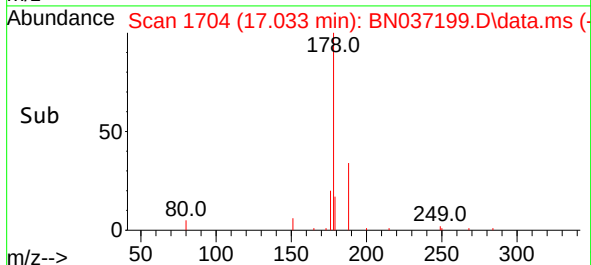
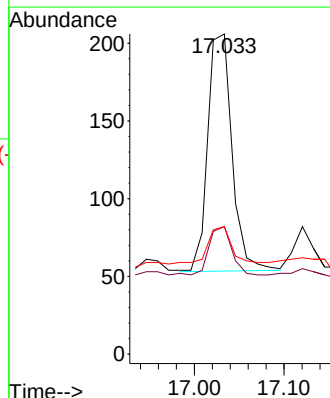
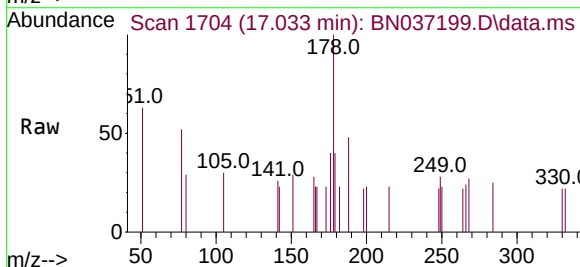
Tgt Ion:178 Resp: 288

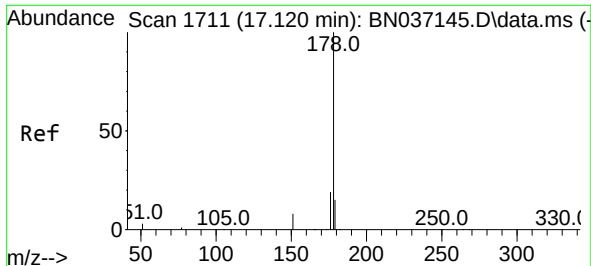
Ion Ratio Lower Upper

178 100

176 18.8 15.7 23.5

179 21.5 12.3 18.5#

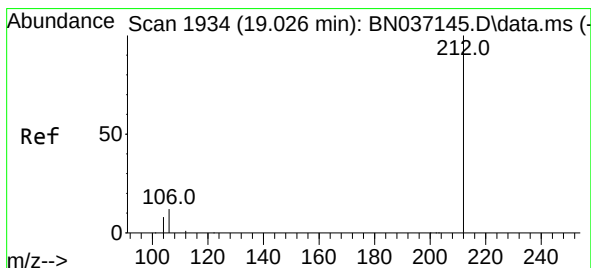
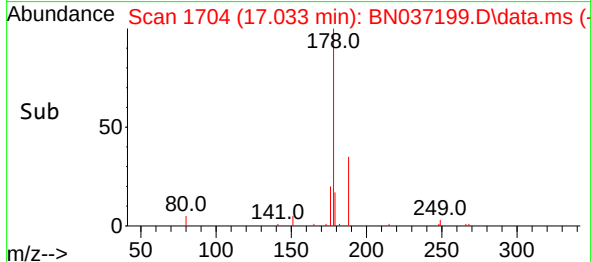
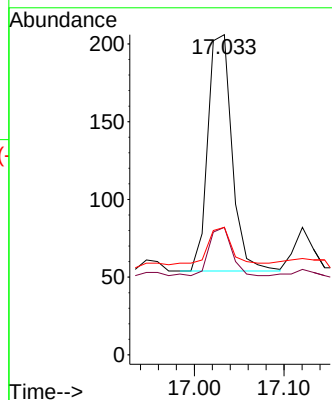
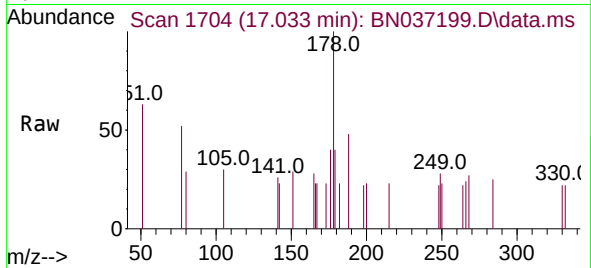




#26
 Anthracene
 Concen: 0.027 ng
 RT: 17.033 min Scan# 1704
 Delta R.T. -0.087 min
 Lab File: BN037199.D
 Acq: 09 Jun 2025 19:27

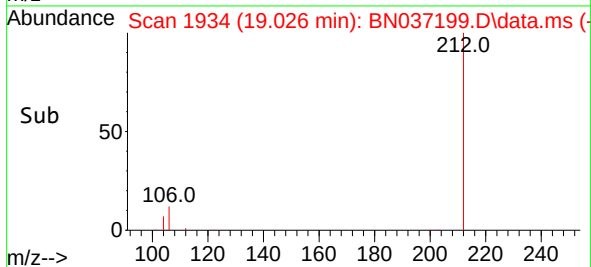
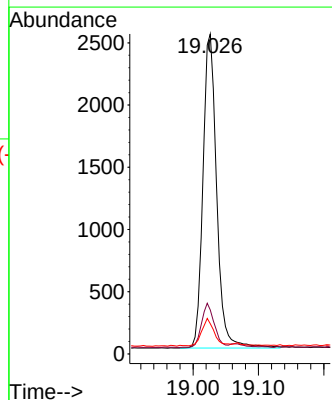
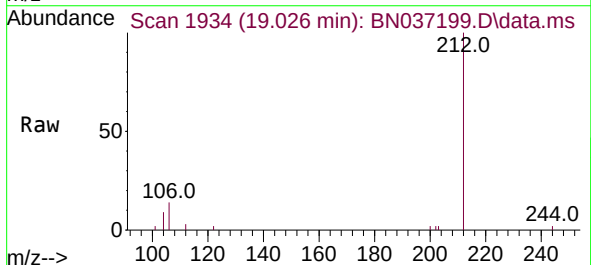
Instrument :
 BNA_N
 ClientSampleId :
 EB02-060525

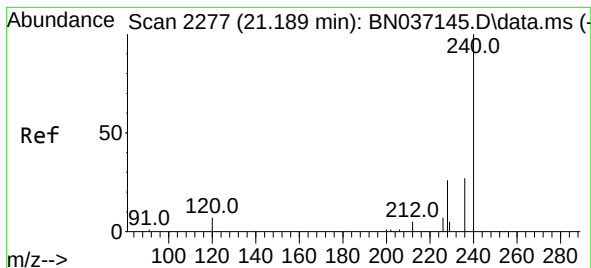
Tgt Ion:	178	Resp:	284
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.5	12.9	19.3



#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 :

EB02-060525

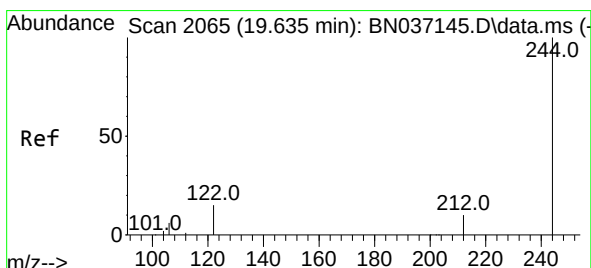
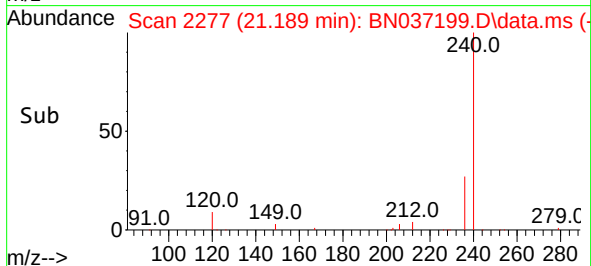
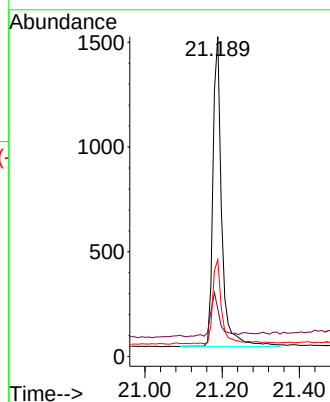
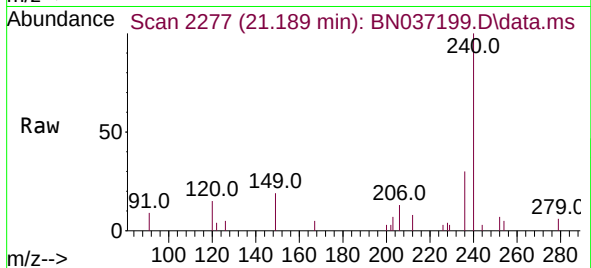
Tgt Ion:240 Resp: 2341

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

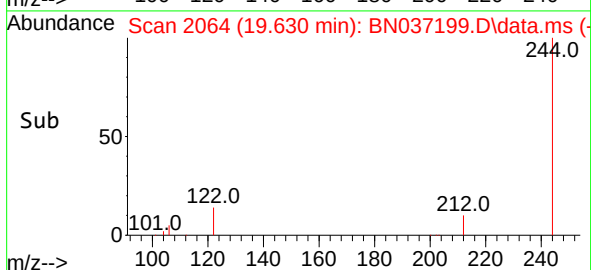
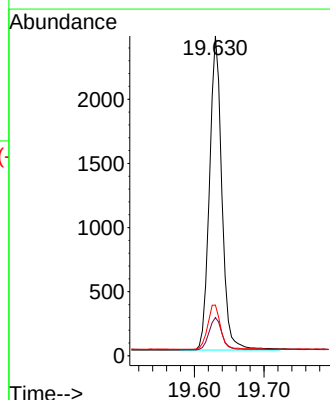
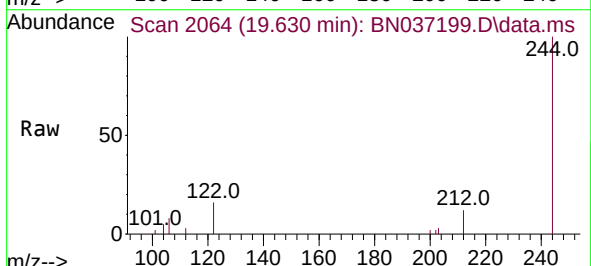
Tgt Ion:244 Resp: 3024

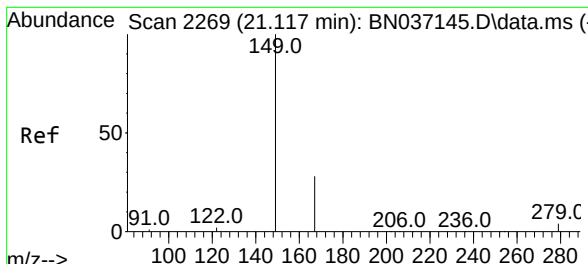
Ion Ratio Lower Upper

244 100

212 12.0 10.0 15.0

122 15.9 13.2 19.8

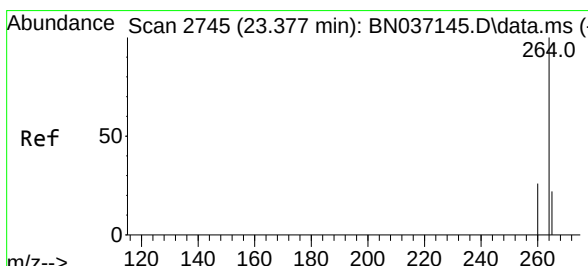
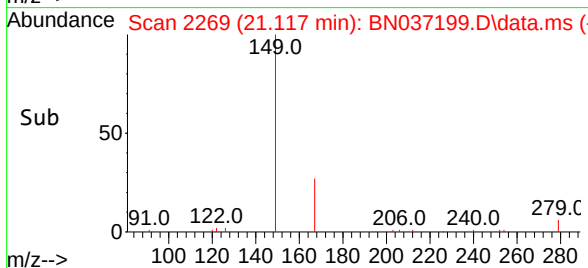
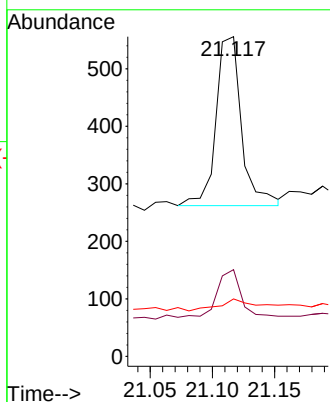
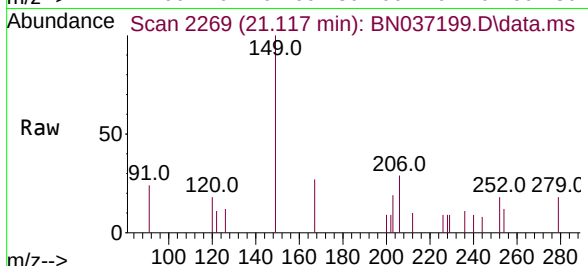




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.079 ng
 RT: 21.117 min Scan# 2117
 Delta R.T. -0.000 min
 Lab File: BN037199.D
 Acq: 09 Jun 2025 19:27

Instrument :
 BNA_N
 ClientSampleId :
 EB02-060525

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#

