

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)

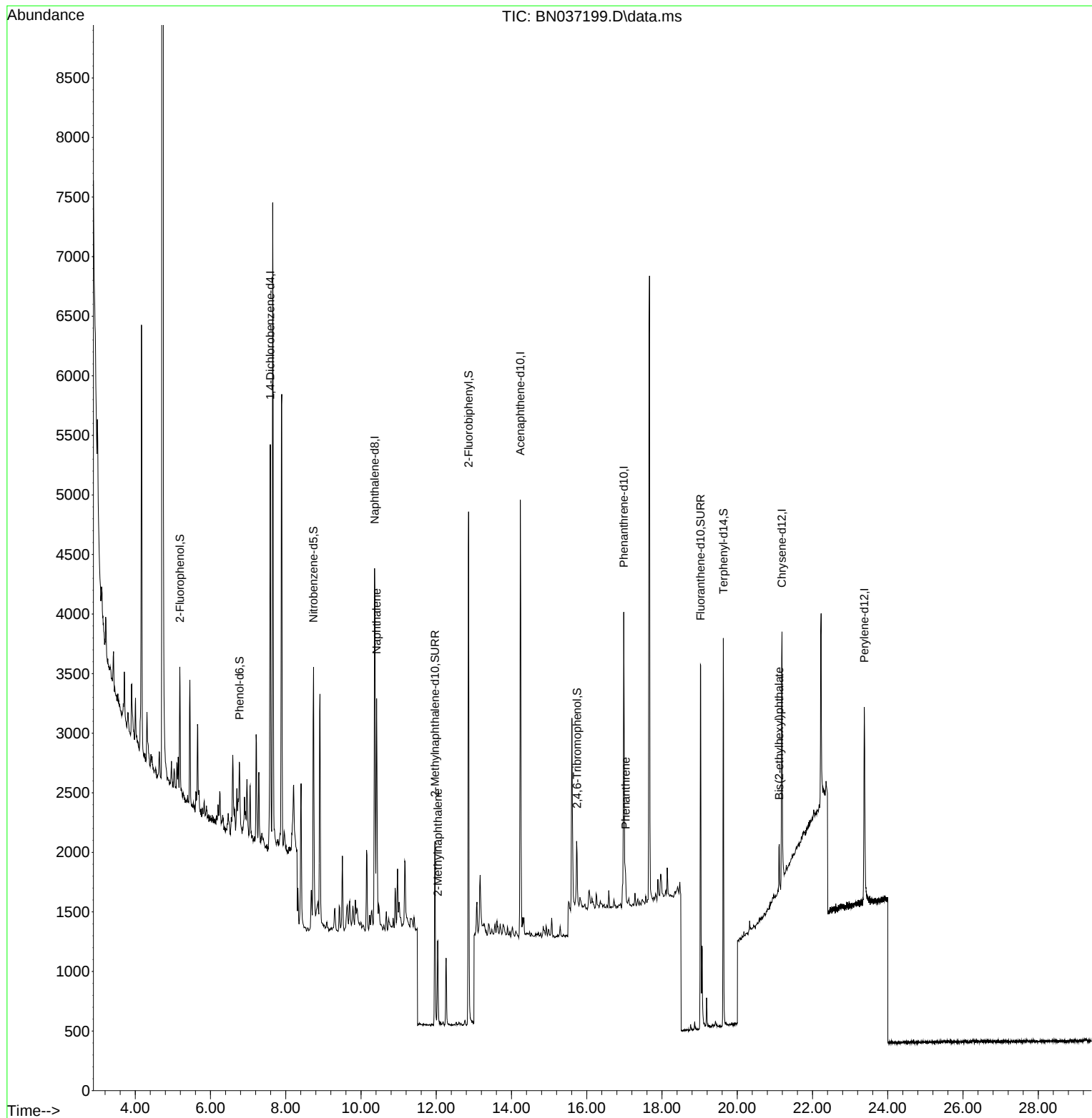
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1555	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	3832	0.400	ng	#-0.01
13) Acenaphthene-d10	14.235	164	2033	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	3502	0.400	ng	0.00
29) Chrysene-d12	21.189	240	2341	0.400	ng	# 0.00
35) Perylene-d12	23.377	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
9) Naphthalene	10.415	128	1769	0.160	ng	95
12) 2-Methylnaphthalene	12.042	142	486	0.069	ng	93
25) Phenanthrene	17.033	178	288	0.025	ng	# 93
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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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB02-060525

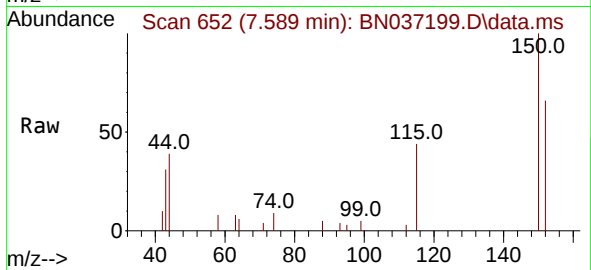
Quant Time: Jun 10 04:03:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



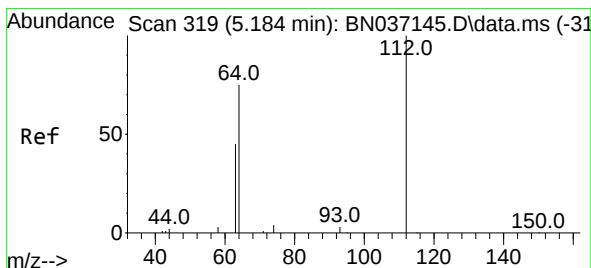
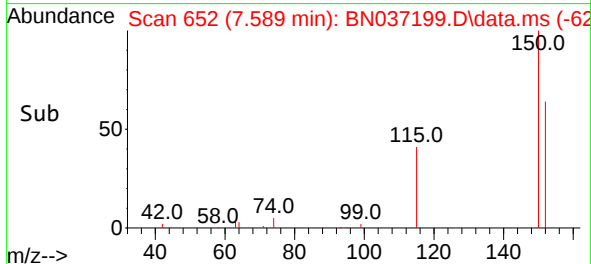
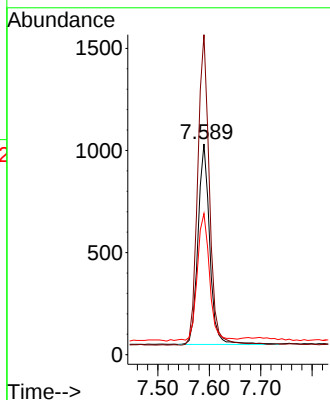


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

Instrument :
BNA_N
ClientSampleId :
EB02-060525

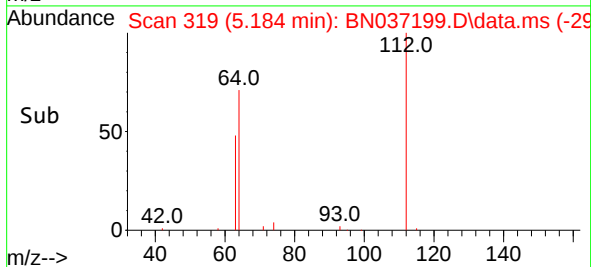
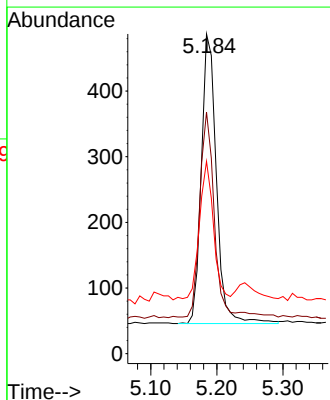
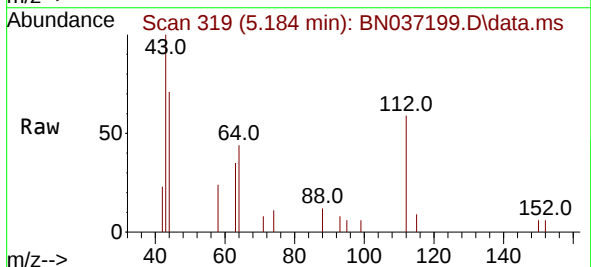


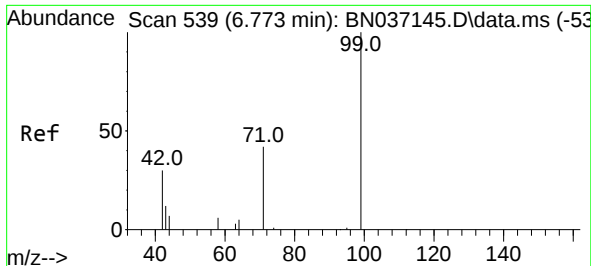
Tgt Ion:152 Resp: 1555
Ion Ratio Lower Upper
152 100
150 151.8 123.2 184.8
115 67.0 56.6 85.0



#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

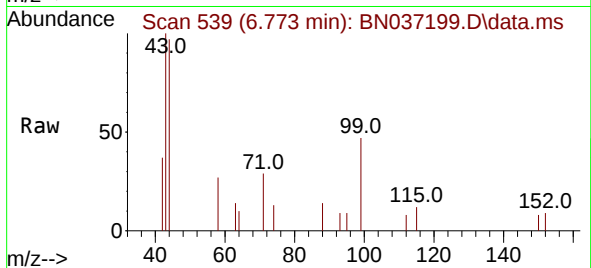
Tgt Ion:112 Resp: 698
Ion Ratio Lower Upper
112 100
64 66.9 56.3 84.5
63 46.6 36.2 54.4



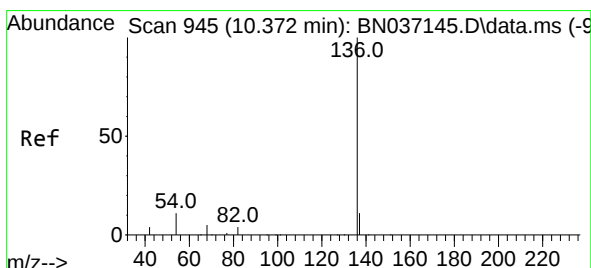
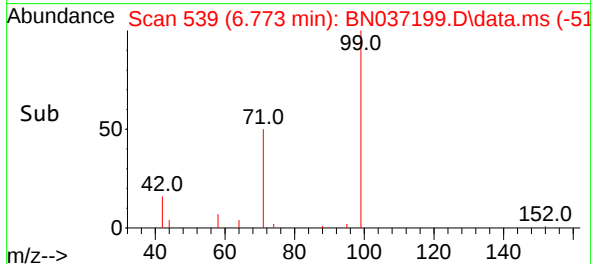
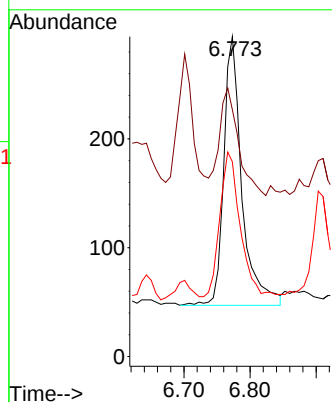


#5
Phenol-d6
Concen: 0.101 ng
RT: 6.773 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

Instrument :
BNA_N
ClientSampleId :
EB02-060525

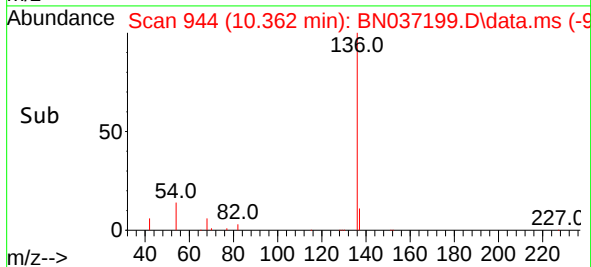
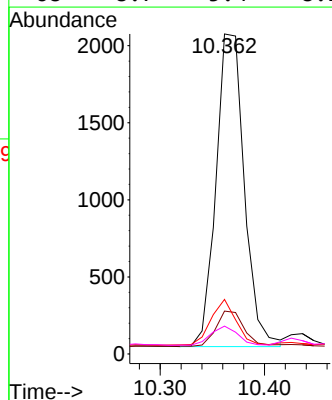
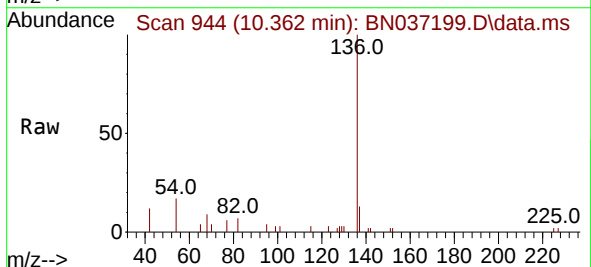


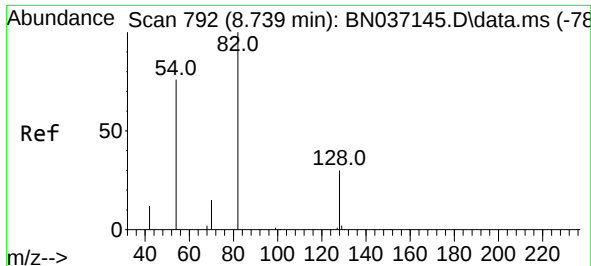
Tgt Ion: 99 Resp: 472
Ion Ratio Lower Upper
99 100
42 42.2 31.3 46.9
71 60.0 38.2 57.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 944
Delta R.T. -0.011 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

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#

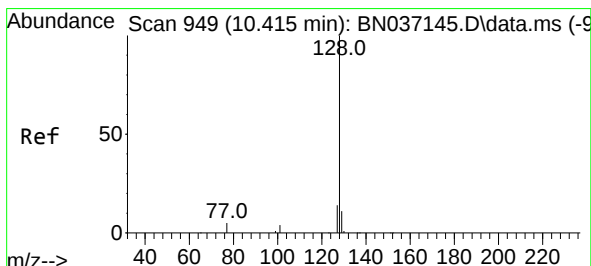
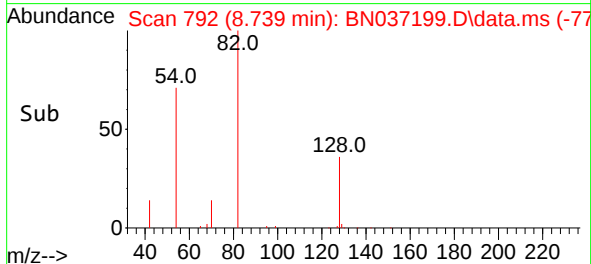
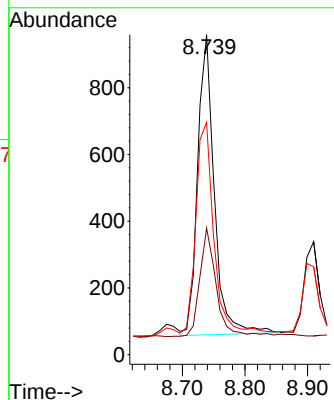
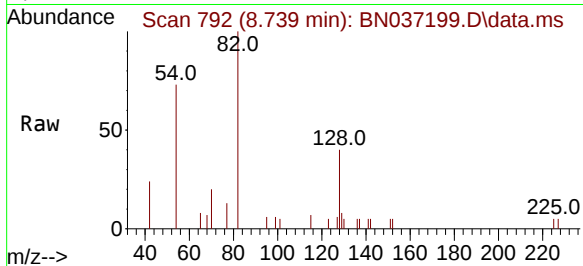




#8
 Nitrobenzene-d5
 Concen: 0.411 ng
 RT: 8.739 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: BN037199.D
 Acq: 09 Jun 2025 19:27

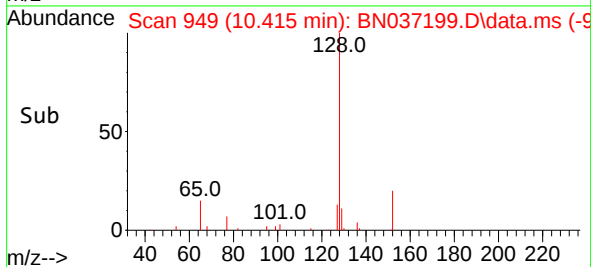
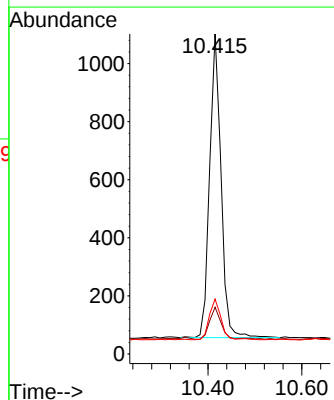
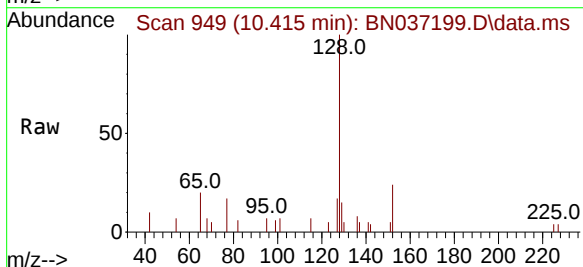
Instrument :
 BNA_N
 ClientSampleId :
 EB02-060525

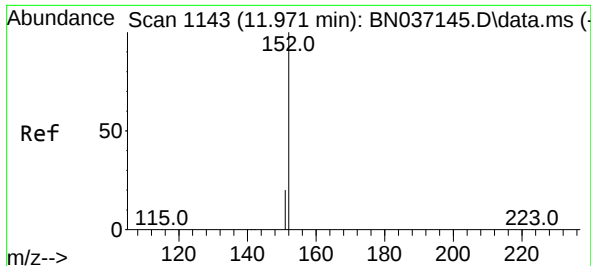
Tgt Ion: 82 Resp: 1662
 Ion Ratio Lower Upper
 82 100
 128 39.5 26.9 40.3
 54 72.6 61.4 92.2



#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

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

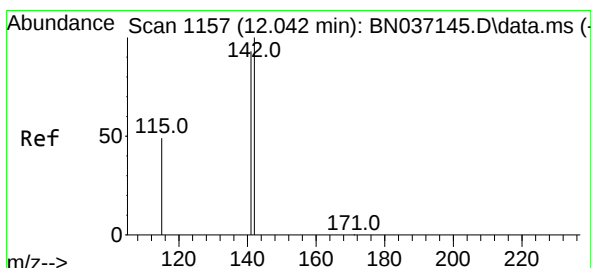
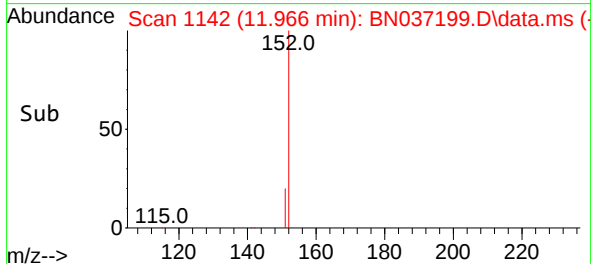
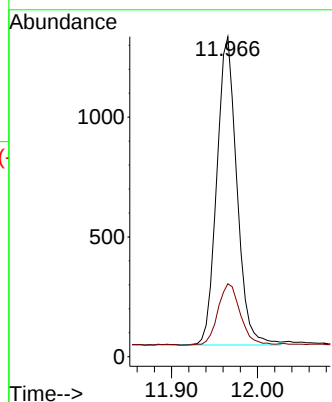
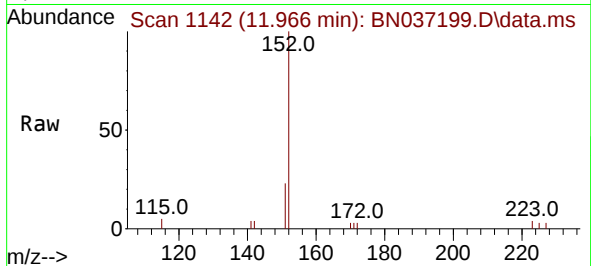




#11
2-Methylnaphthalene-d10
Concen: 0.391 ng
RT: 11.966 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

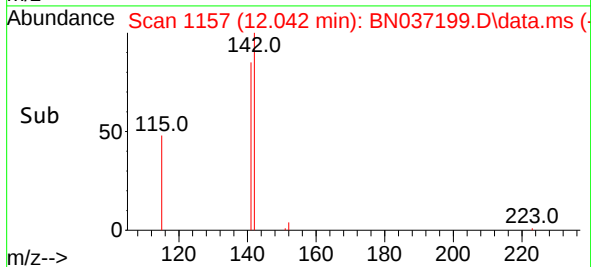
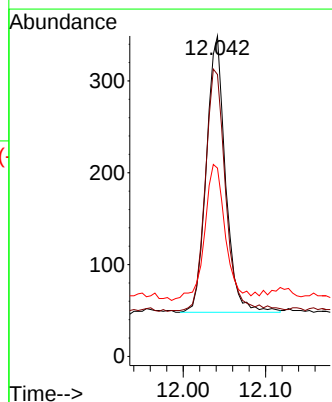
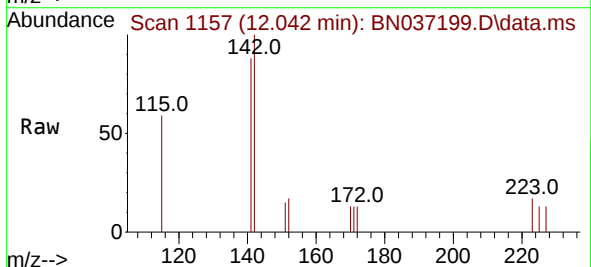
Instrument :
BNA_N
ClientSampleId :
EB02-060525

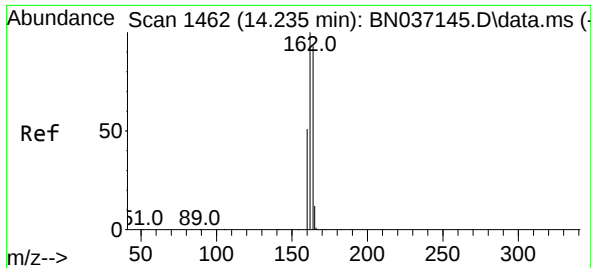
Tgt Ion:152 Resp: 2087
Ion Ratio Lower Upper
152 100
151 22.3 17.1 25.7



#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

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

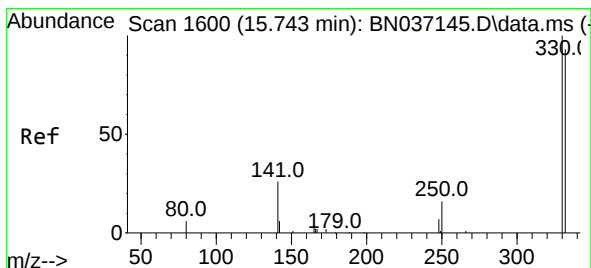
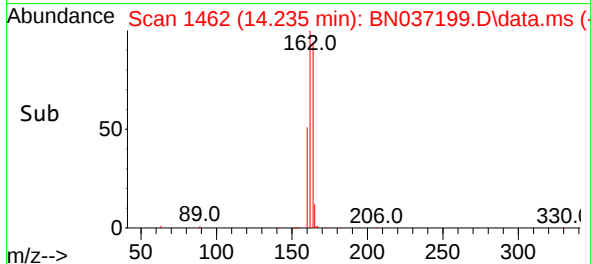
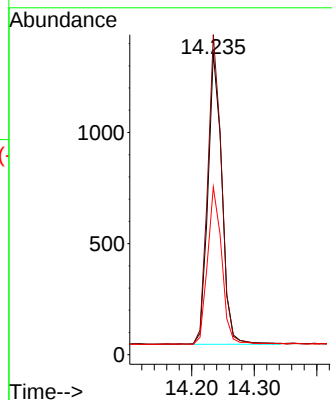
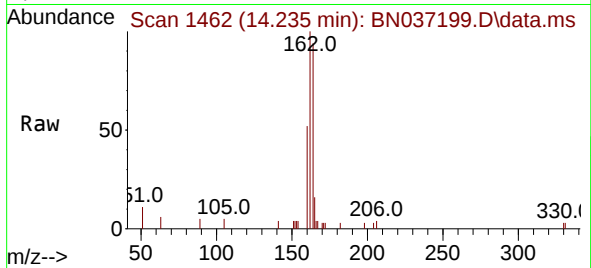




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

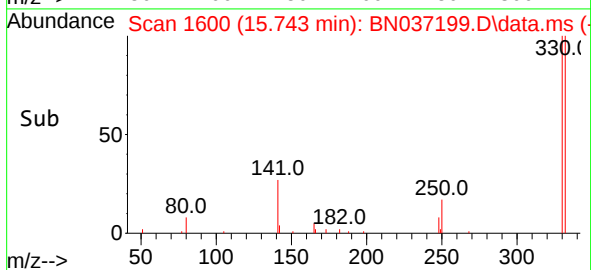
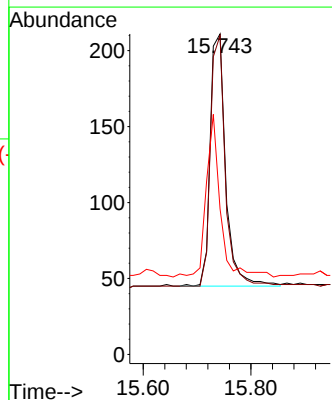
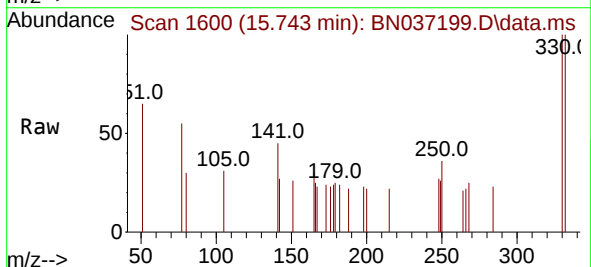
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ClientSampleId :
EB02-060525

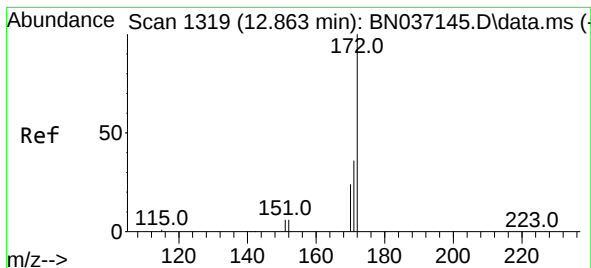
Tgt Ion:164 Resp: 2033
Ion Ratio Lower Upper
164 100
162 106.0 85.5 128.3
160 55.6 44.6 67.0



#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

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

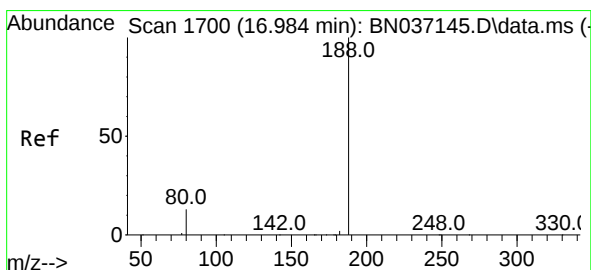
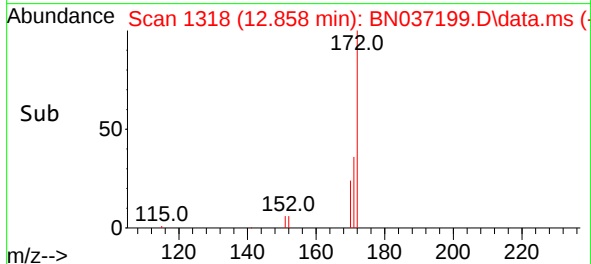
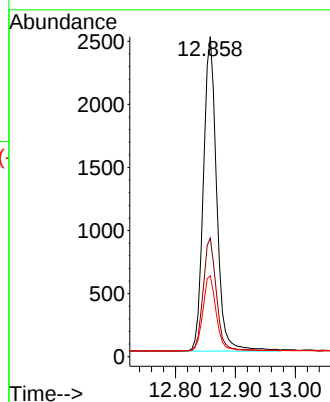
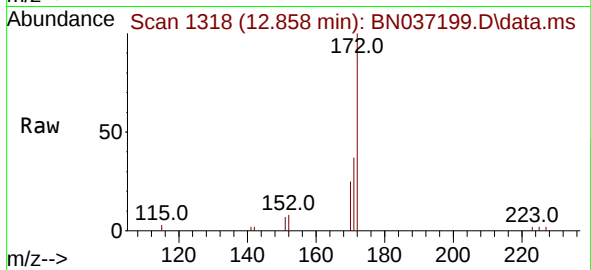




#15
2-Fluorobiphenyl
Concen: 0.442 ng
RT: 12.858 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

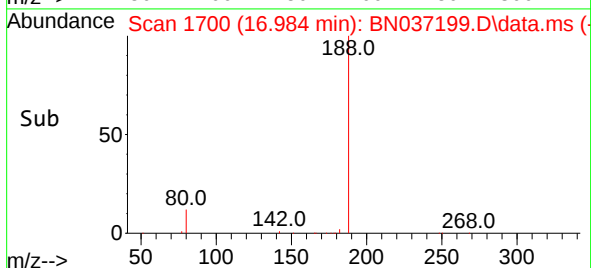
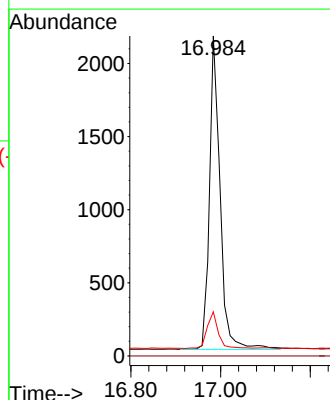
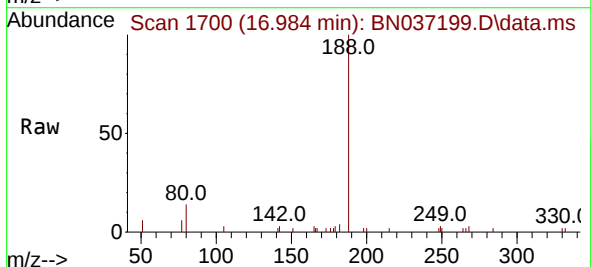
Instrument :
BNA_N
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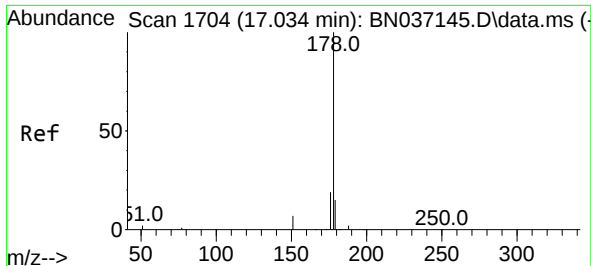
Tgt Ion:172 Resp: 3832
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 25.3 20.3 30.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

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

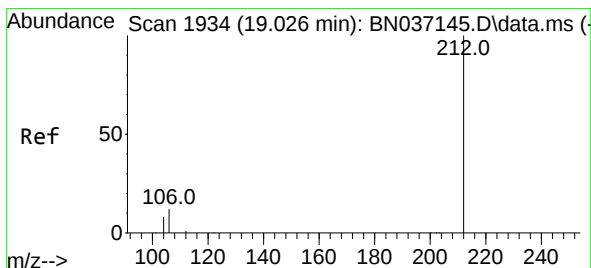
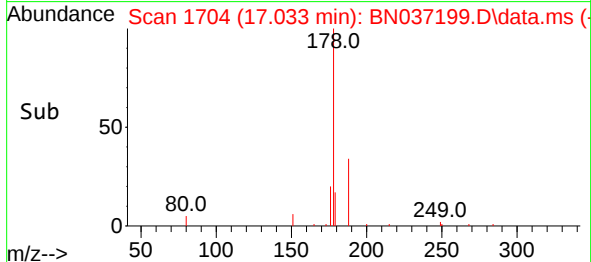
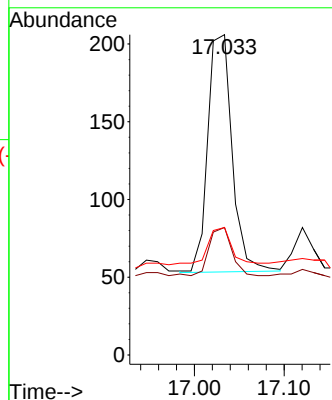
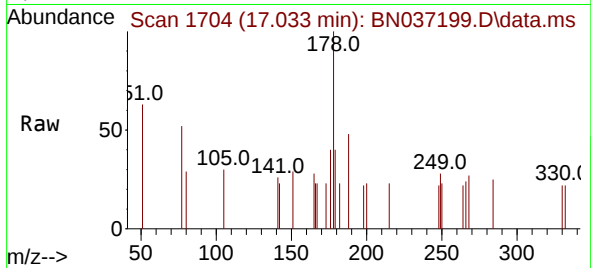




#25
Phenanthrene
Concen: 0.025 ng
RT: 17.033 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

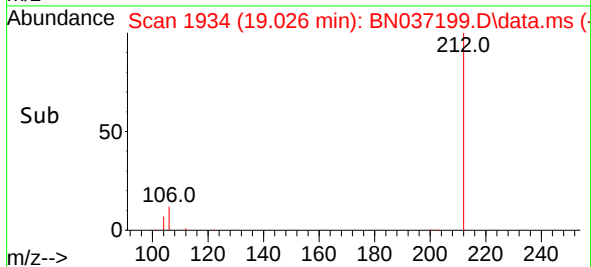
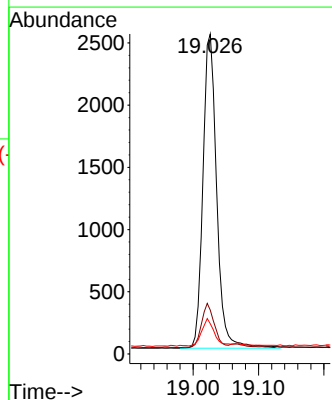
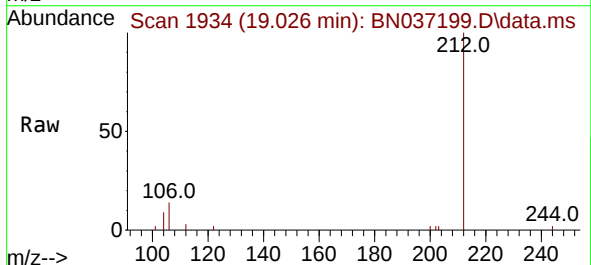
Instrument :
BNA_N
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EB02-060525

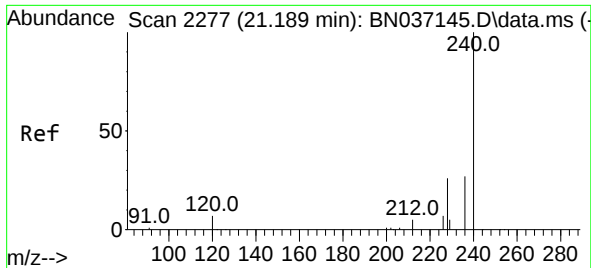
Tgt Ion:178 Resp: 288
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 21.5 12.3 18.5#



#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

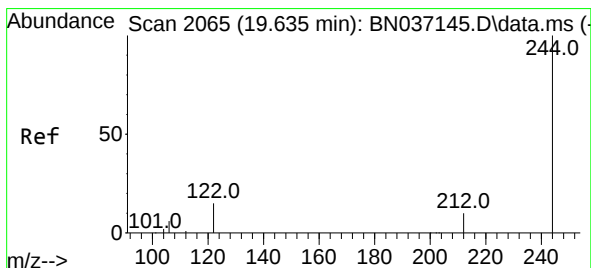
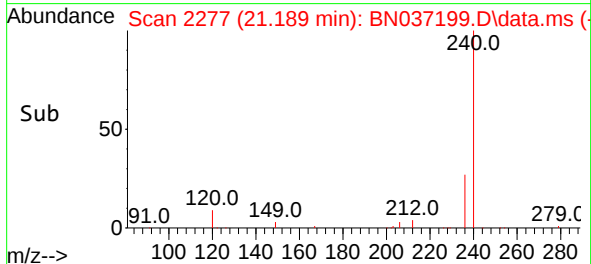
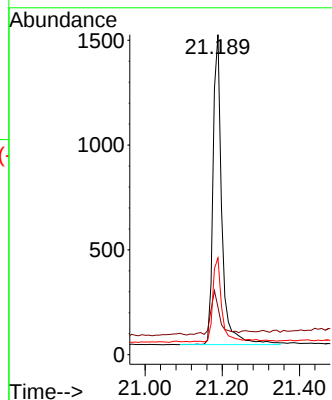
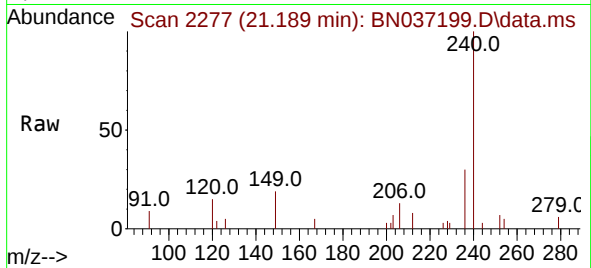




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BN037199.D
Acq: 09 Jun 2025 19:27

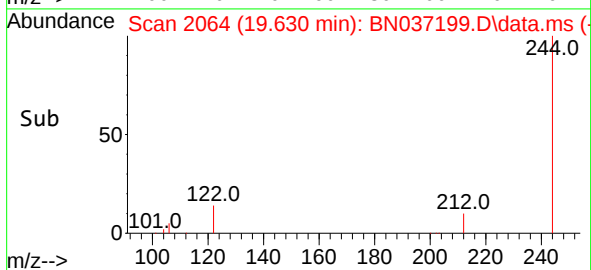
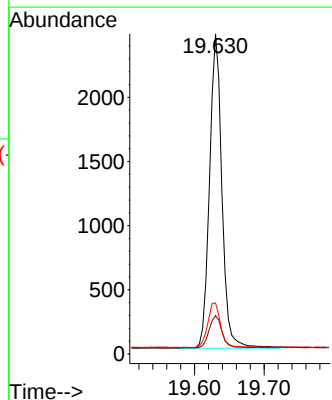
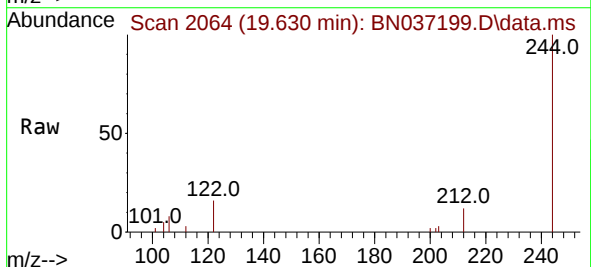
Instrument :
BNA_N
ClientSampleId :
EB02-060525

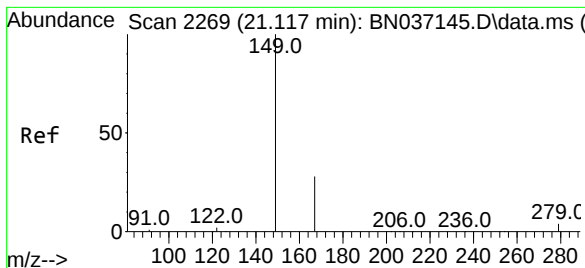
Tgt Ion:240 Resp: 2341
Ion Ratio Lower Upper
240 100
120 14.9 9.0 13.4#
236 30.3 23.0 34.4



#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

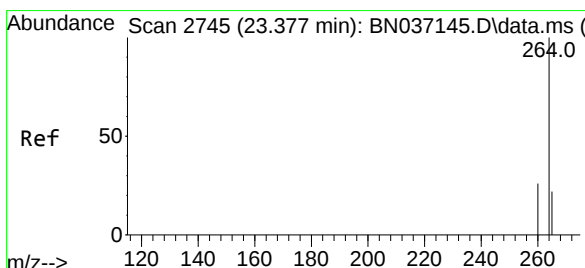
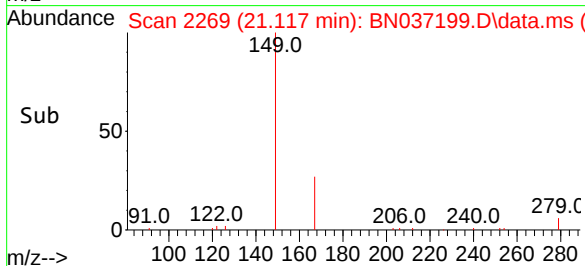
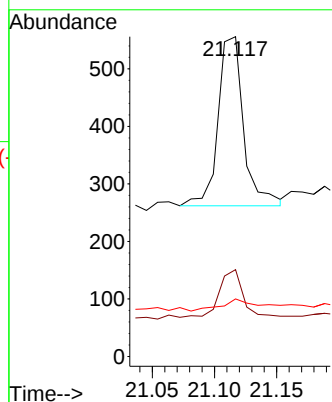
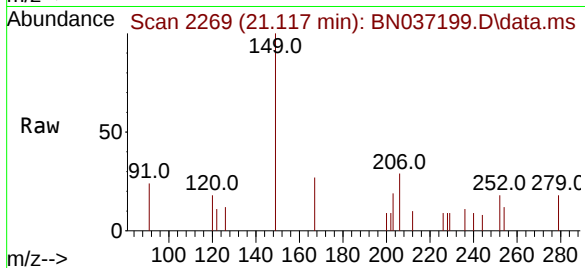




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.079 ng
 RT: 21.117 min Scan# 2117
 Delta R.T. -0.000 min
 Lab File: BN037199.D
 Acq: 09 Jun 2025 19:27

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#

