

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
 Data File : BN037395.D
 Acq On : 26 Jun 2025 16:06
 Operator : RC/JU
 Sample : Q2345-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB02-20250616

Quant Time: Jun 26 16:29:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 26 16:06:33 2025
 Response via : Initial Calibration

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

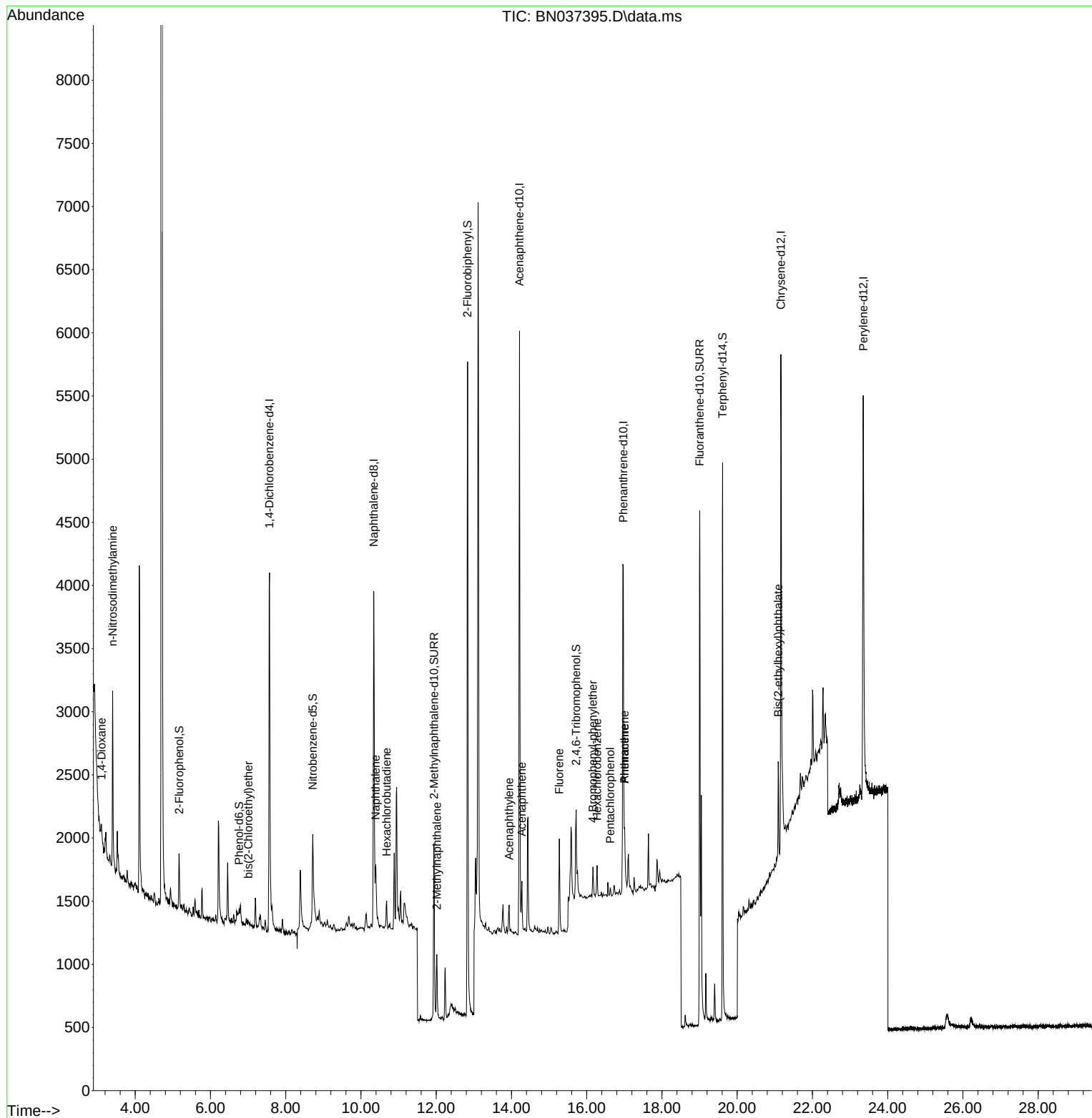
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1748	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	3967	0.400	ng	0.00
13) Acenaphthene-d10	14.213	164	2665	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	5237	0.400	ng	# 0.01
29) Chrysene-d12	21.162	240	4862	0.400	ng	# 0.00
35) Perylene-d12	23.351	264	4950	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	395	0.117	ng	0.00
5) Phenol-d6	6.759	99	216	0.062	ng	0.01
8) Nitrobenzene-d5	8.717	82	949	0.299	ng	0.00
11) 2-Methylnaphthalene-d10	11.940	152	2153	0.351	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	560	0.358	ng	0.00
15) 2-Fluorobiphenyl	12.833	172	5087	0.442	ng	0.00
27) Fluoranthene-d10	19.003	212	5956	0.397	ng	0.00
31) Terphenyl-d14	19.611	244	4896	0.472	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.104	88	62	0.037	ng	# 1
3) n-Nitrosodimethylamine	3.400	42	220	0.134	ng	# 1
6) bis(2-Chloroethyl)ether	7.004	93	63	0.020	ng	# 78
9) Naphthalene	10.394	128	573	0.056	ng	# 74
10) Hexachlorobutadiene	10.682	225	181	0.045	ng	# 96
12) 2-Methylnaphthalene	12.016	142	396	0.056	ng	# 95
16) Acenaphthylene	13.935	152	288	0.026	ng	# 88
17) Acenaphthene	14.277	154	185	0.026	ng	97
18) Fluorene	15.271	166	329	0.032	ng	98
21) 4-Bromophenyl-phenylether	16.164	248	145	0.039	ng	# 86
22) Hexachlorobenzene	16.276	284	189	0.048	ng	# 87
24) Pentachlorophenol	16.624	266	59	0.028	ng	# 85
25) Phenanthrene	17.009	178	425	0.029	ng	97
26) Anthracene	17.009	178	425	0.031	ng	95
34) Bis(2-ethylhexyl)phtha...	21.090	149	706	0.117	ng	# 96

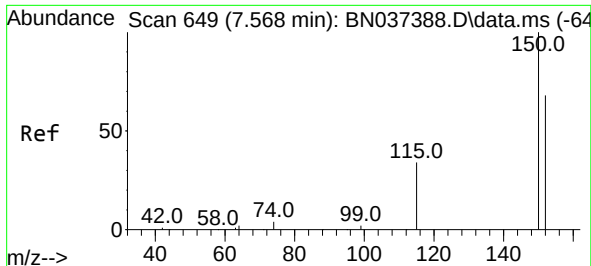
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
Data File : BN037395.D
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BNA_N
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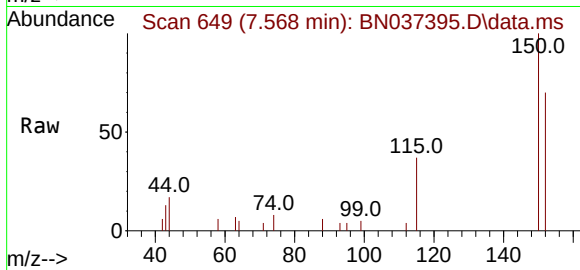
Quant Time: Jun 26 16:29:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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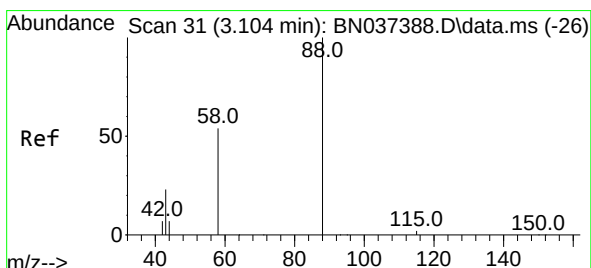
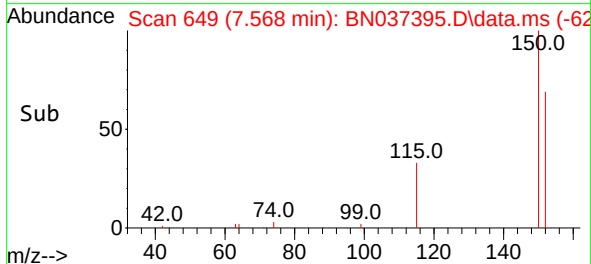
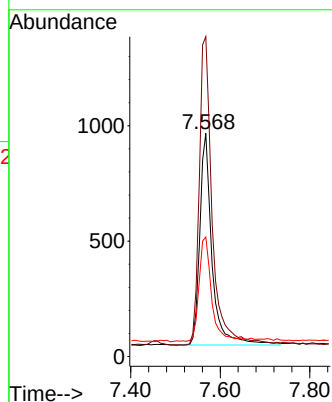


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.568 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN037395.D
 Acq: 26 Jun 2025 16:06

Instrument :
 BNA_N
 ClientSampleId :
 EB02-20250616

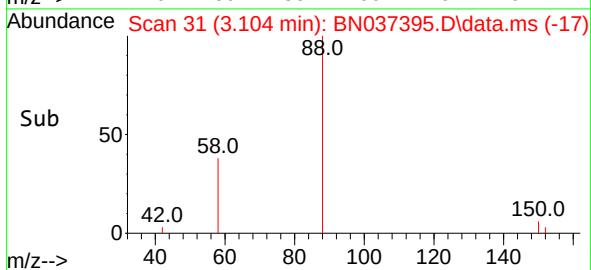
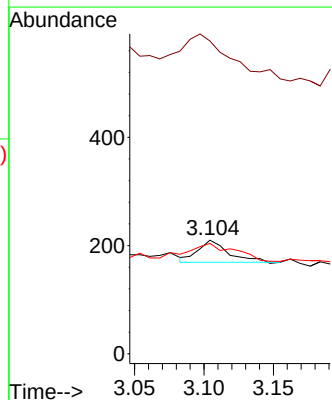
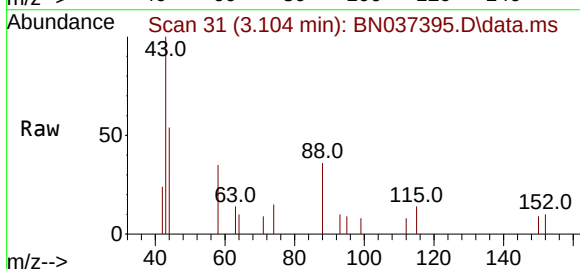


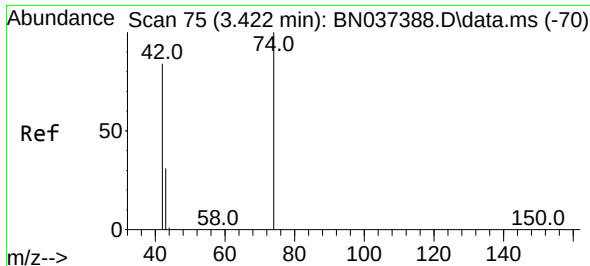
Tgt Ion:152 Resp: 1748
 Ion Ratio Lower Upper
 152 100
 150 143.3 116.2 174.2
 115 53.6 42.9 64.3



#2
 1,4-Dioxane
 Concen: 0.037 ng
 RT: 3.104 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN037395.D
 Acq: 26 Jun 2025 16:06

Tgt Ion: 88 Resp: 62
 Ion Ratio Lower Upper
 88 100
 43 375.8 21.6 32.4#
 58 129.0 45.9 68.9#

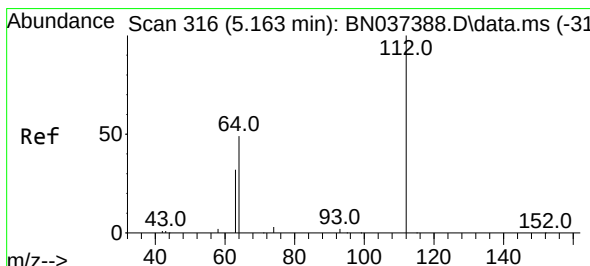
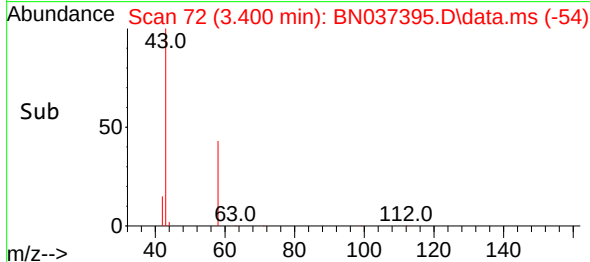
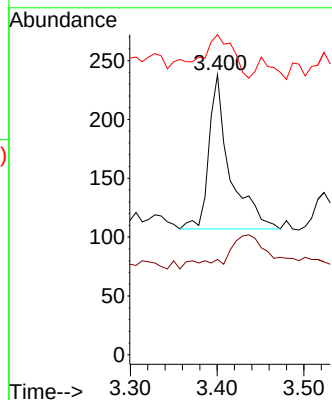
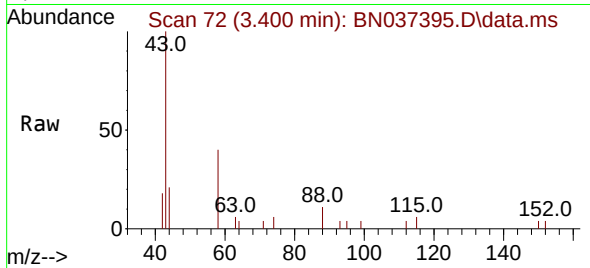




#3
 n-Nitrosodimethylamine
 Concen: 0.134 ng
 RT: 3.400 min Scan# 71
 Delta R.T. -0.022 min
 Lab File: BN037395.D
 Acq: 26 Jun 2025 16:06

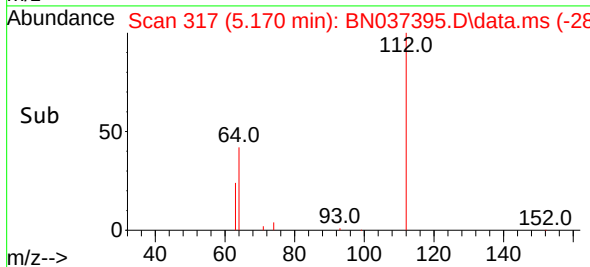
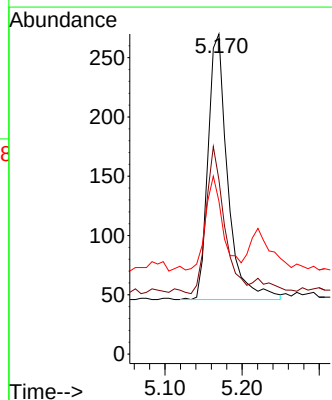
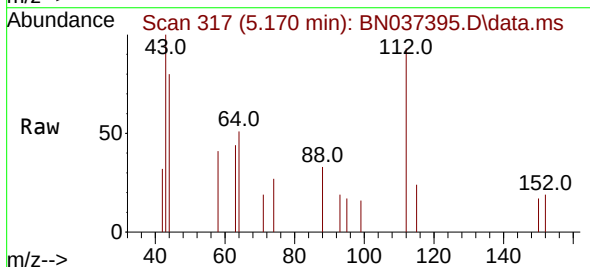
Instrument :
 BNA_N
 ClientSampleId :
 EB02-20250616

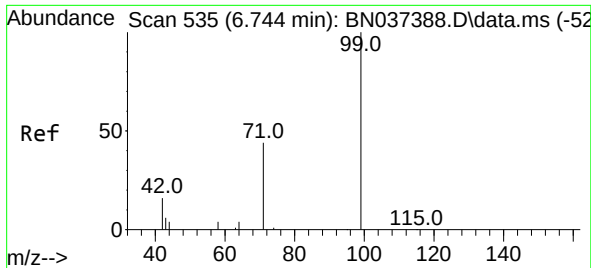
Tgt Ion: 42 Resp: 220
 Ion Ratio Lower Upper
 42 100
 74 0.0 97.8 146.8#
 44 36.8 8.7 13.1#



#4
 2-Fluorophenol
 Concen: 0.117 ng
 RT: 5.170 min Scan# 317
 Delta R.T. 0.007 min
 Lab File: BN037395.D
 Acq: 26 Jun 2025 16:06

Tgt Ion: 112 Resp: 395
 Ion Ratio Lower Upper
 112 100
 64 51.4 40.3 60.5
 63 33.7 26.1 39.1

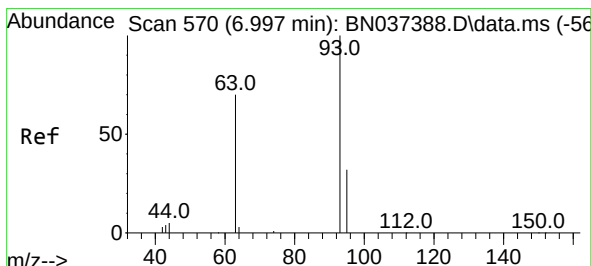
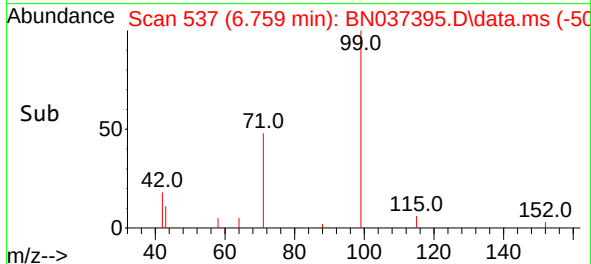
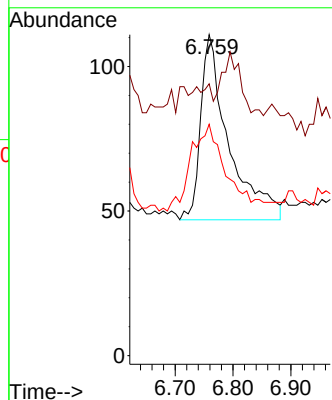
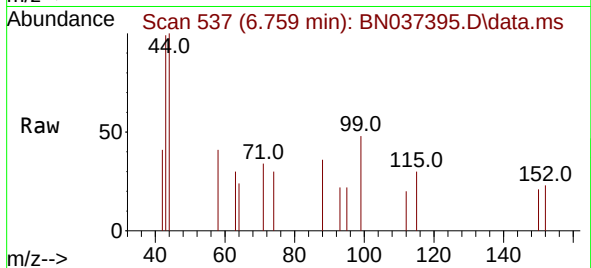




#5
Phenol-d6
Concen: 0.062 ng
RT: 6.759 min Scan# 511
Delta R.T. 0.014 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

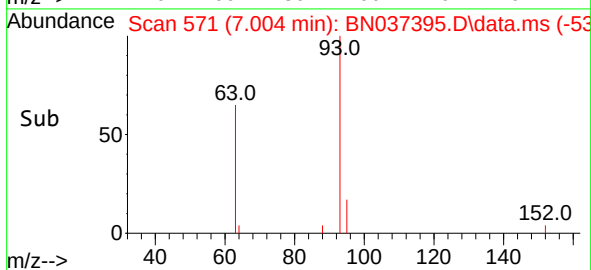
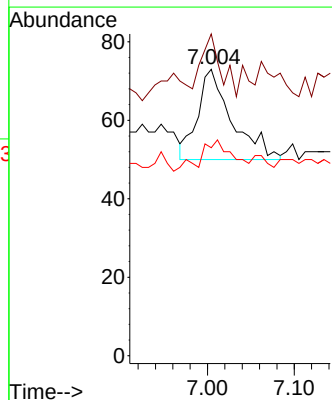
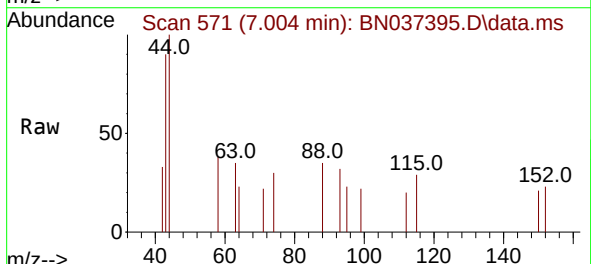
Instrument :
BNA_N
ClientSampleId :
EB02-20250616

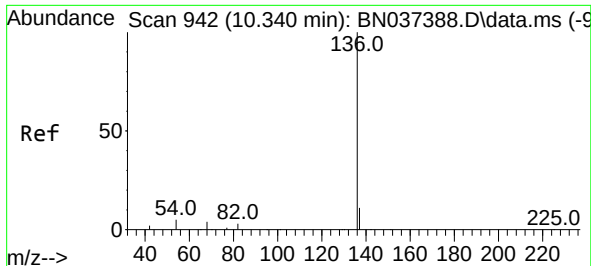
Tgt Ion: 99 Resp: 216
Ion Ratio Lower Upper
99 100
42 0.0 15.6 23.4#
71 60.2 35.8 53.8#



#6
bis(2-Chloroethyl)ether
Concen: 0.020 ng
RT: 7.004 min Scan# 571
Delta R.T. 0.007 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion: 93 Resp: 63
Ion Ratio Lower Upper
93 100
63 38.1 49.6 74.4#
95 31.7 23.9 35.9

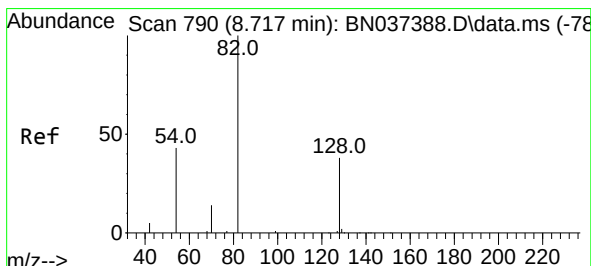
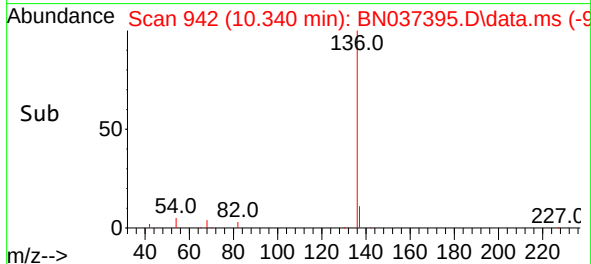
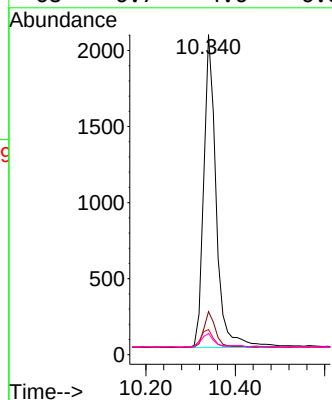
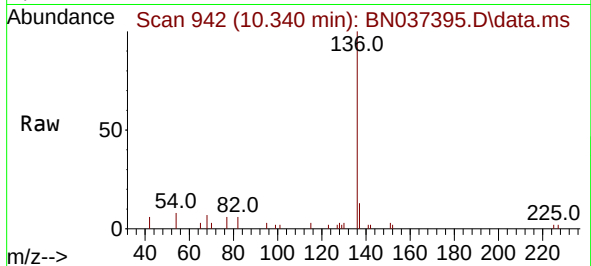




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

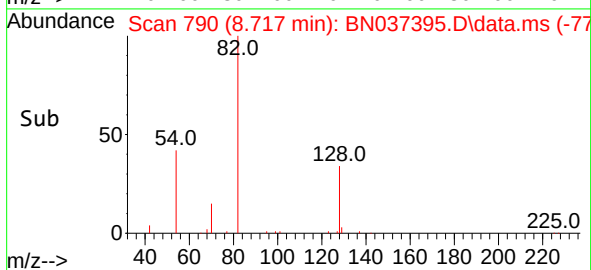
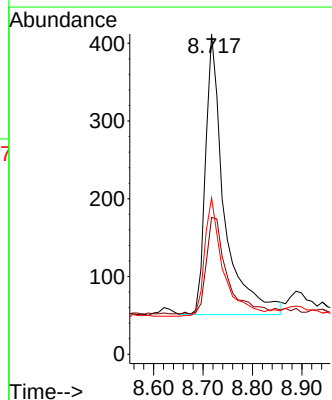
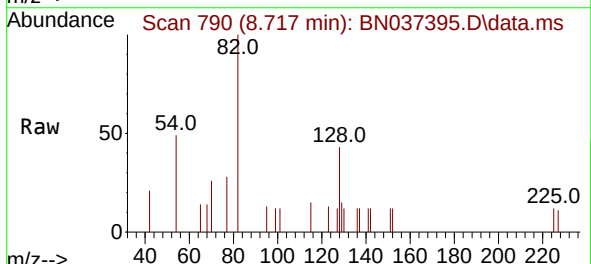
Instrument :
BNA_N
ClientSampleId :
EB02-20250616

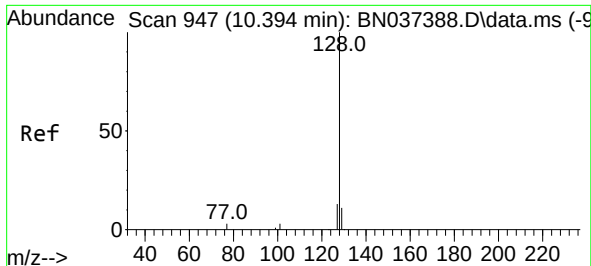
Tgt Ion:	136	Resp:	3967
Ion	Ratio	Lower	Upper
136	100		
137	13.5	10.4	15.6
54	7.8	5.6	8.4
68	6.7	4.6	6.8



#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 8.717 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion:	82	Resp:	949
Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.0	51.0
54	48.8	37.7	56.5

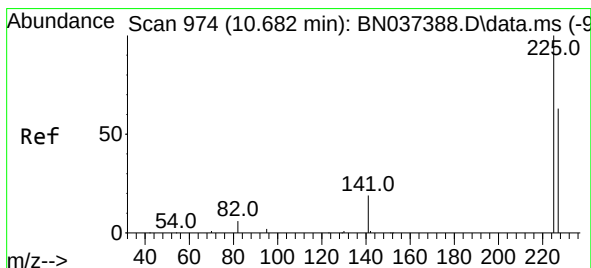
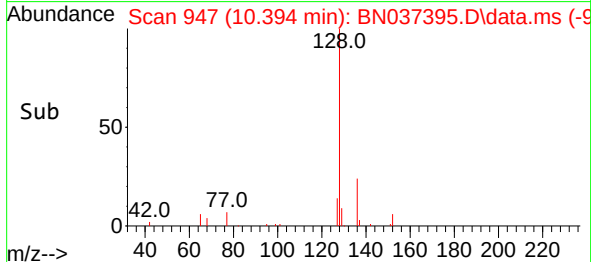
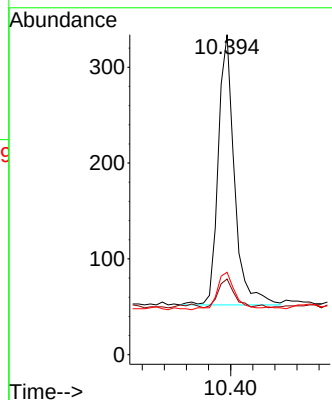
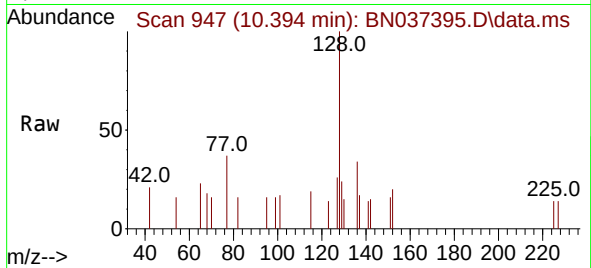




#9
Naphthalene
Concen: 0.056 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

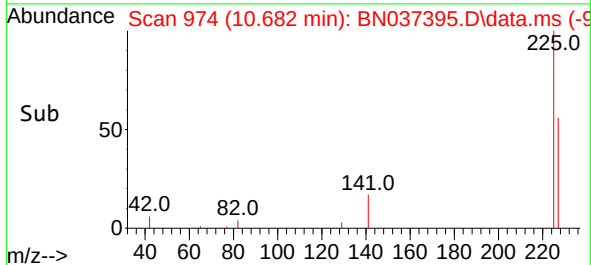
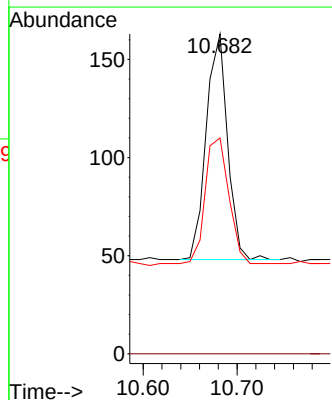
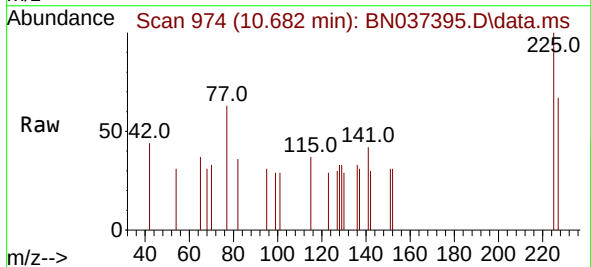
Instrument :
BNA_N
ClientSampleId :
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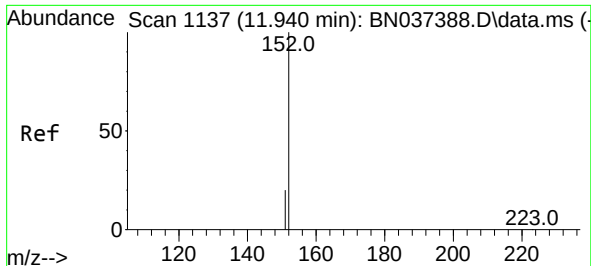
Tgt Ion:128 Resp: 573
Ion Ratio Lower Upper
128 100
129 23.7 10.4 15.6#
127 25.7 12.2 18.4#



#10
Hexachlorobutadiene
Concen: 0.045 ng
RT: 10.682 min Scan# 974
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion:225 Resp: 181
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 65.7 49.9 74.9

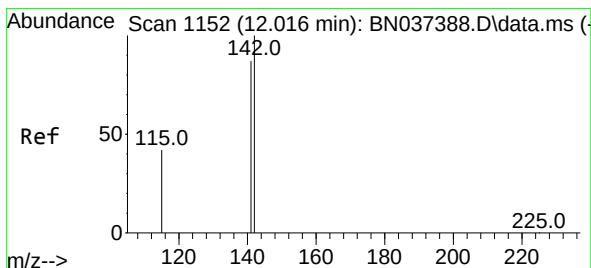
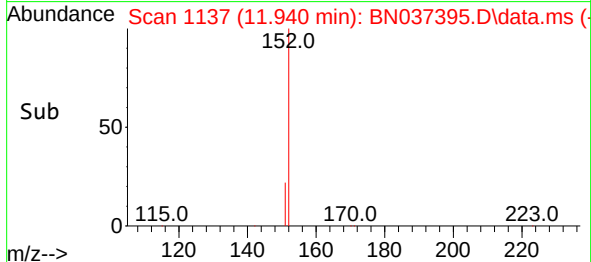
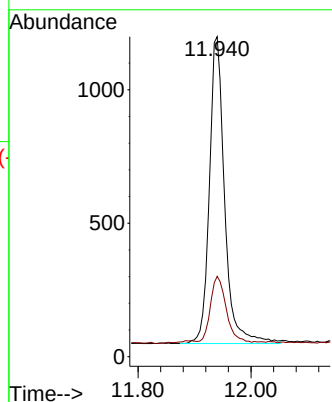
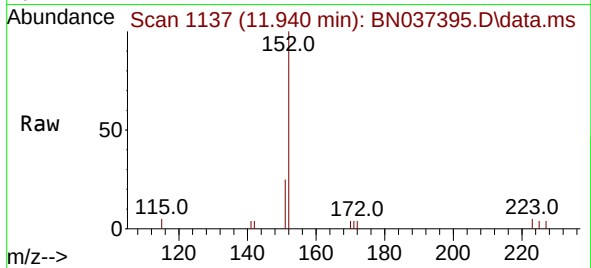




#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 11.940 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

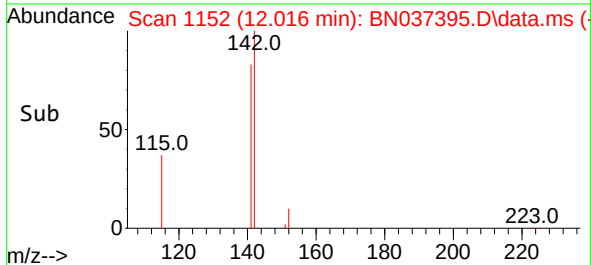
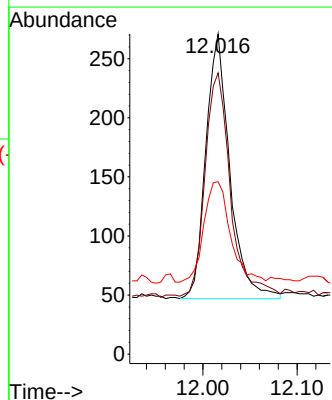
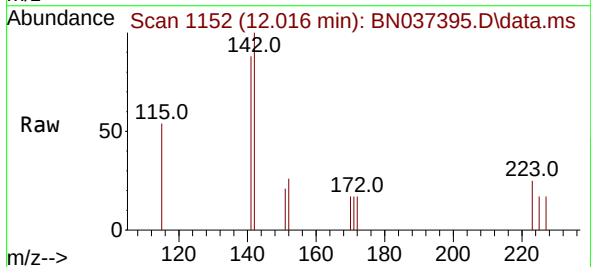
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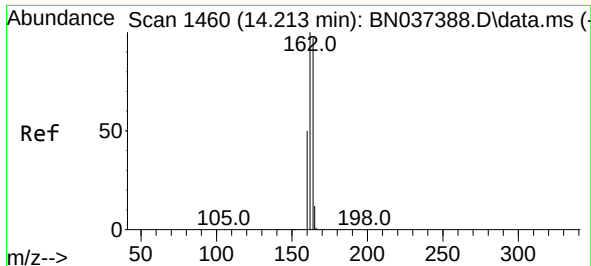
Tgt Ion:152 Resp: 2153
Ion Ratio Lower Upper
152 100
151 22.2 18.4 27.6



#12
2-Methylnaphthalene
Concen: 0.056 ng
RT: 12.016 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion:142 Resp: 396
Ion Ratio Lower Upper
142 100
141 87.8 70.1 105.1
115 53.9 35.8 53.6#

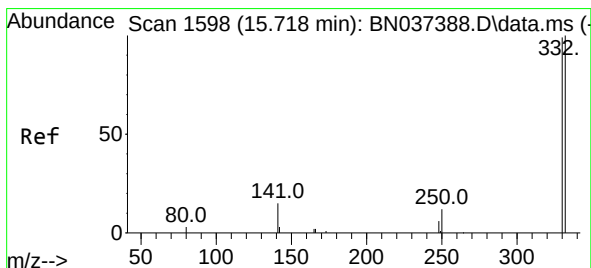
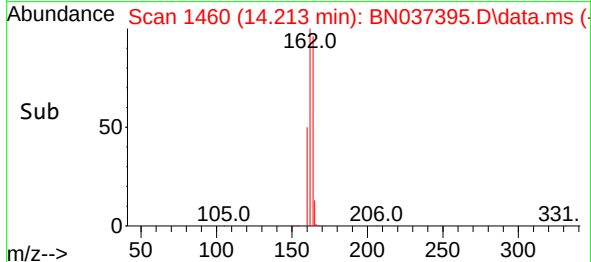
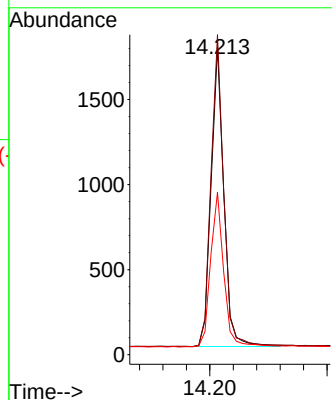
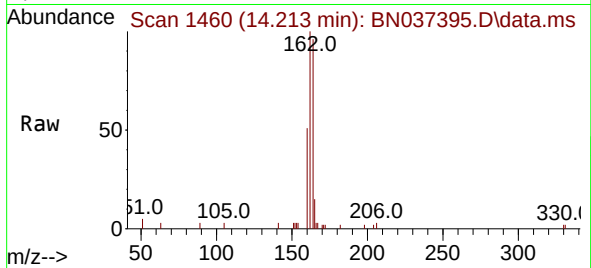




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.213 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

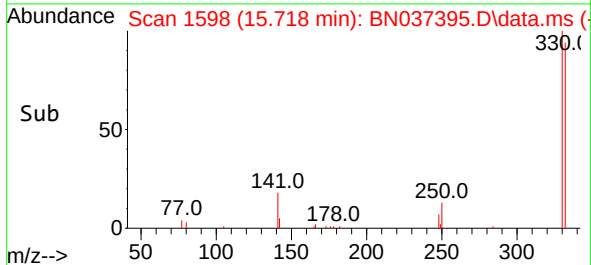
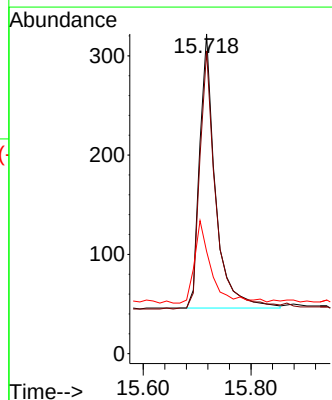
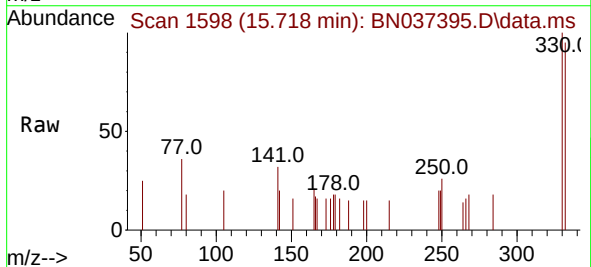
Instrument :
BNA_N
ClientSampleId :
EB02-20250616

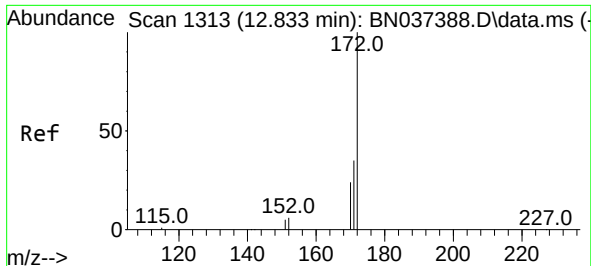
Tgt Ion:164 Resp: 2665
Ion Ratio Lower Upper
164 100
162 103.9 82.6 123.8
160 52.8 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.358 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion:330 Resp: 560
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 31.6 24.0 36.0

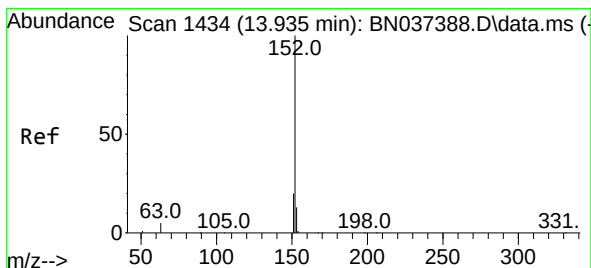
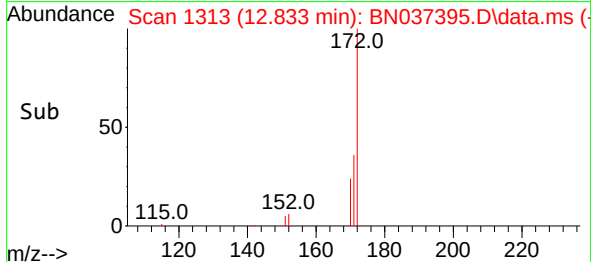
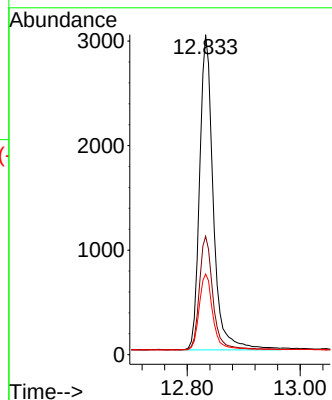
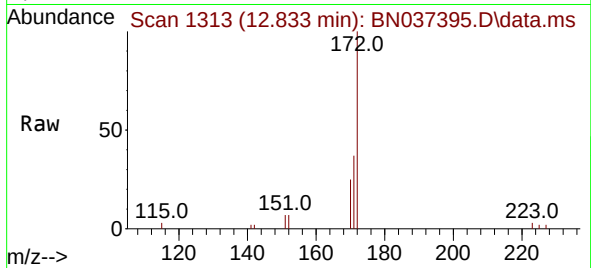




#15
2-Fluorobiphenyl
Concen: 0.442 ng
RT: 12.833 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

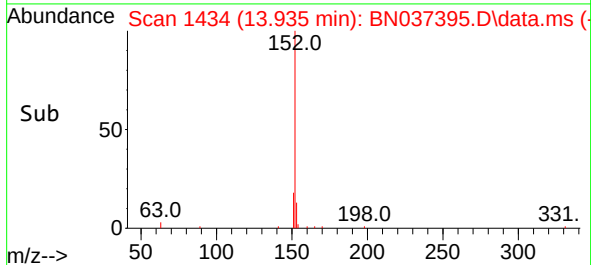
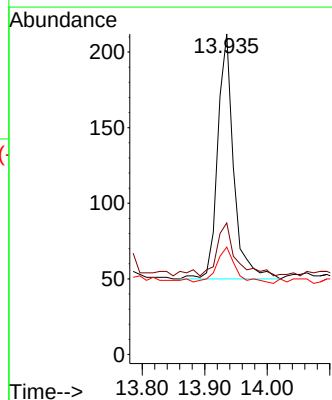
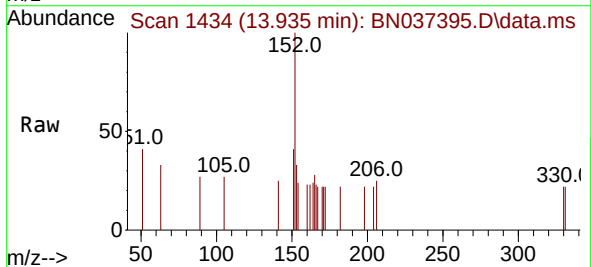
Instrument :
BNA_N
ClientSampleId :
EB02-20250616

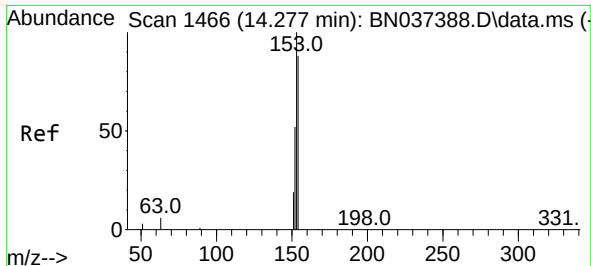
Tgt Ion:172 Resp: 5087
Ion Ratio Lower Upper
172 100
171 37.0 28.8 43.2
170 25.2 20.3 30.5



#16
Acenaphthylene
Concen: 0.026 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion:152 Resp: 288
Ion Ratio Lower Upper
152 100
151 24.7 15.8 23.6#
153 18.1 10.3 15.5#

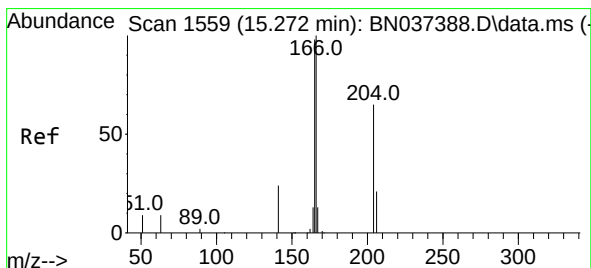
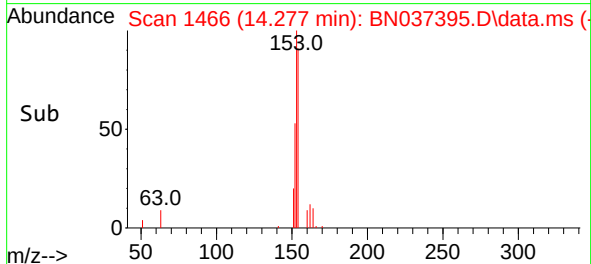
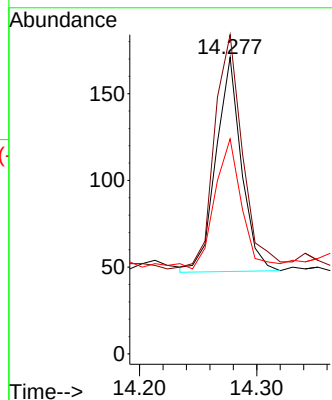
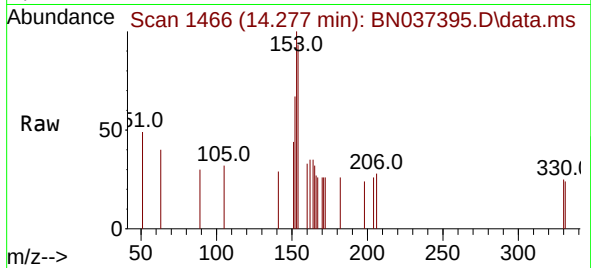




#17
Acenaphthene
Concen: 0.026 ng
RT: 14.277 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

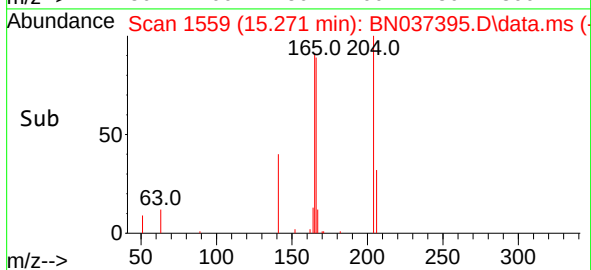
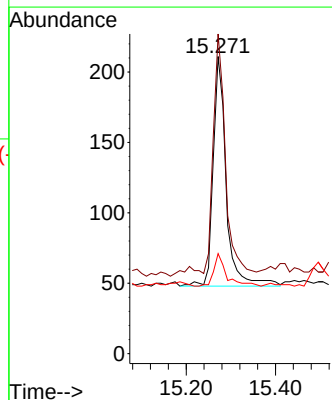
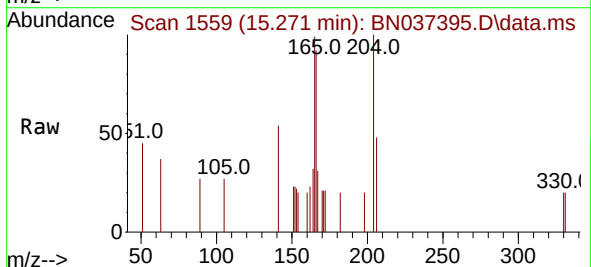
Instrument :
BNA_N
ClientSampleId :
EB02-20250616

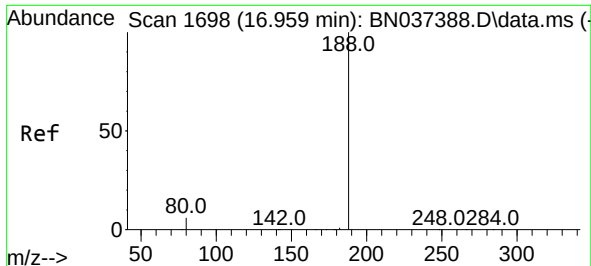
Tgt Ion:154 Resp: 185
Ion Ratio Lower Upper
154 100
153 122.2 94.6 141.8
152 63.8 50.2 75.2



#18
Fluorene
Concen: 0.032 ng
RT: 15.271 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion:166 Resp: 329
Ion Ratio Lower Upper
166 100
165 97.3 79.4 119.2
167 13.4 10.6 15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.971 min Scan# 1699

Delta R.T. 0.012 min

Lab File: BN037395.D

Acq: 26 Jun 2025 16:06

Instrument :

BNA_N

ClientSampleId :

EB02-20250616

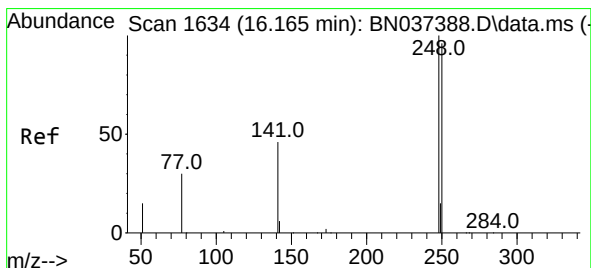
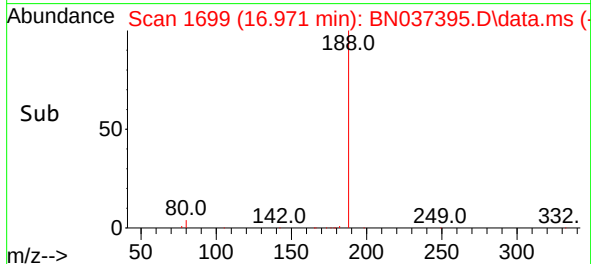
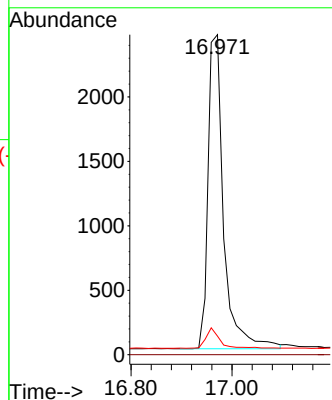
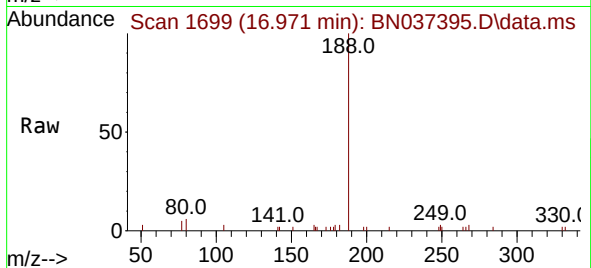
Tgt Ion:188 Resp: 5237

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 5.8 6.2 9.4#



#21

4-Bromophenyl-phenylether

Concen: 0.039 ng

RT: 16.164 min Scan# 1634

Delta R.T. -0.000 min

Lab File: BN037395.D

Acq: 26 Jun 2025 16:06

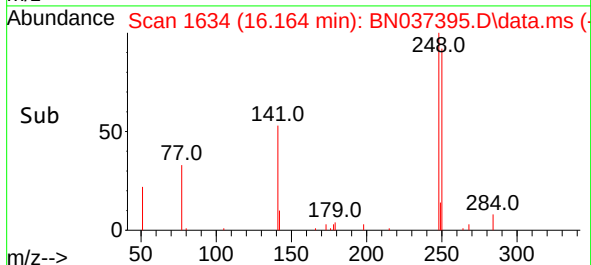
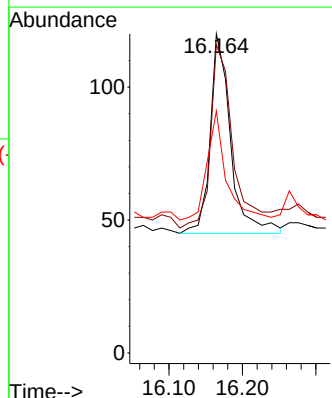
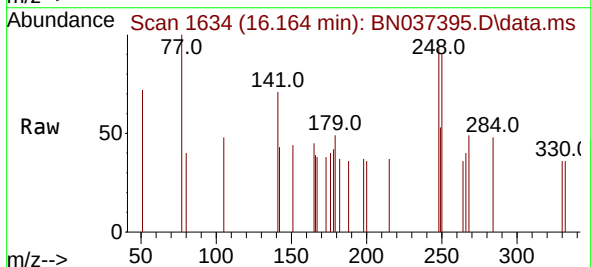
Tgt Ion:248 Resp: 145

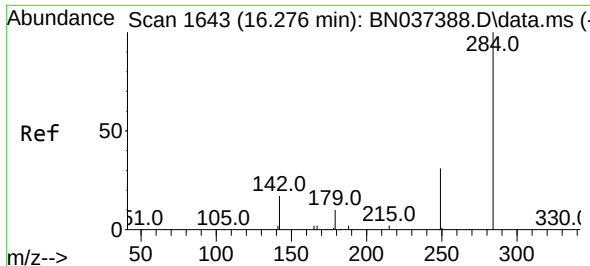
Ion Ratio Lower Upper

248 100

250 96.7 77.0 115.4

141 75.8 38.7 58.1#

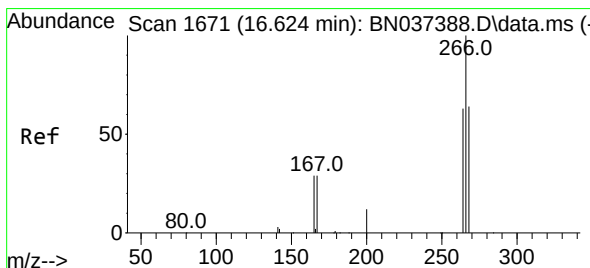
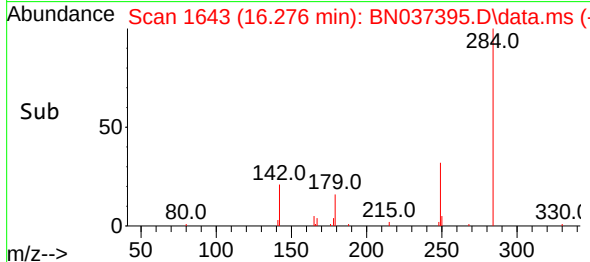
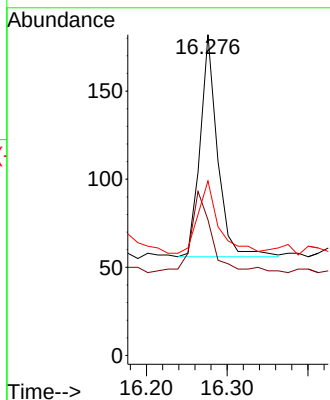
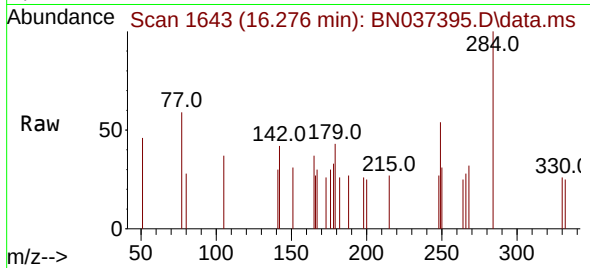




#22
Hexachlorobenzene
Concen: 0.048 ng
RT: 16.276 min Scan# 1643
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

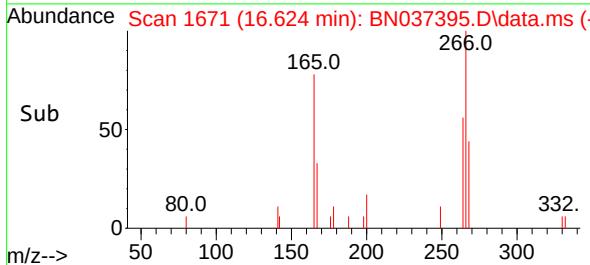
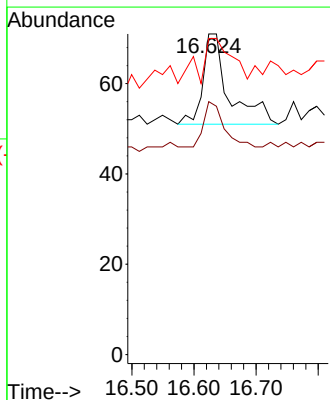
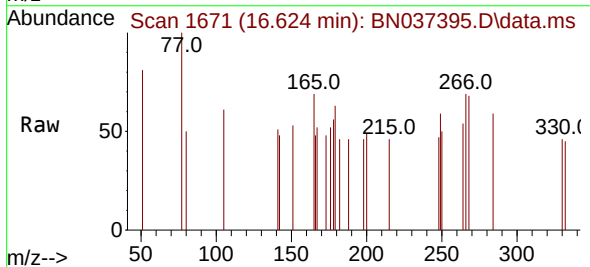
Instrument :
BNA_N
ClientSampleId :
EB02-20250616

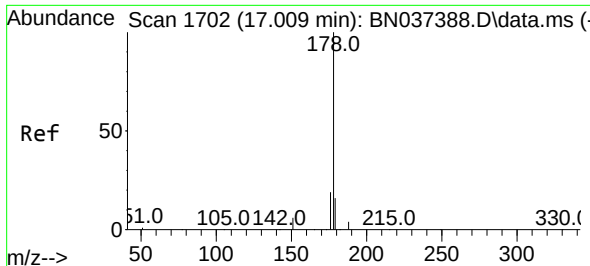
Tgt Ion:284 Resp: 189
Ion Ratio Lower Upper
284 100
142 44.4 27.2 40.8#
249 38.1 26.7 40.1



#24
Pentachlorophenol
Concen: 0.028 ng
RT: 16.624 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion:266 Resp: 59
Ion Ratio Lower Upper
266 100
264 44.1 49.2 73.8#
268 61.0 54.2 81.4

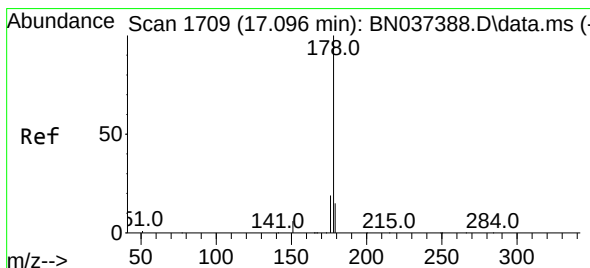
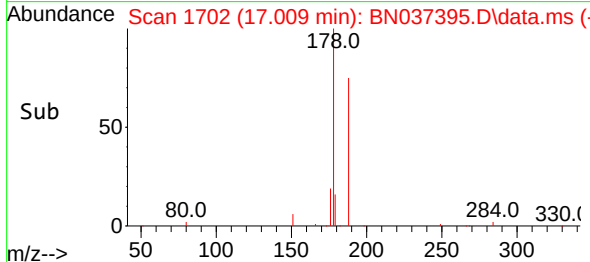
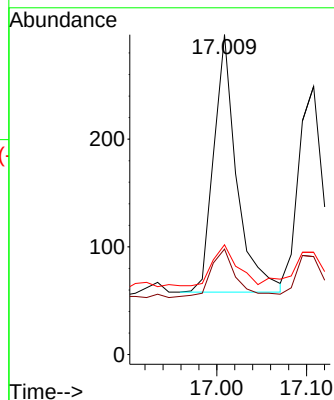
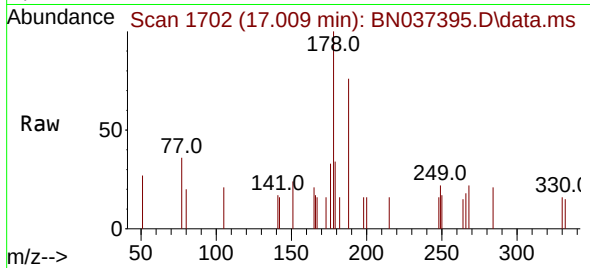




#25
Phenanthrene
Concen: 0.029 ng
RT: 17.009 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

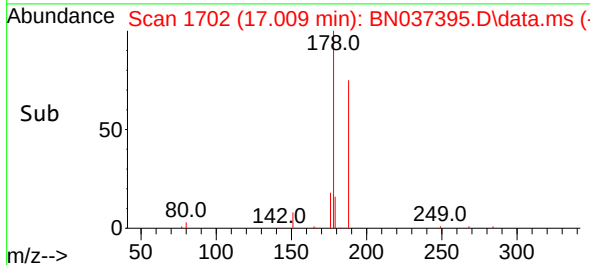
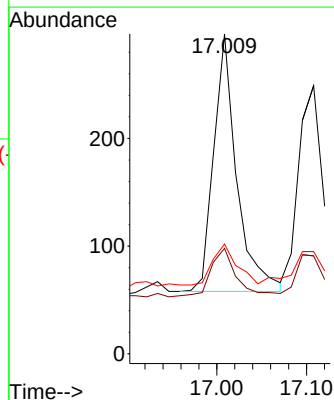
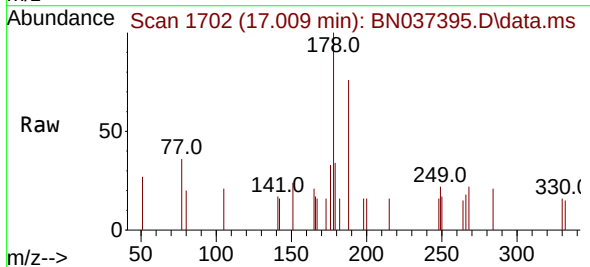
Instrument :
BNA_N
ClientSampleId :
EB02-20250616

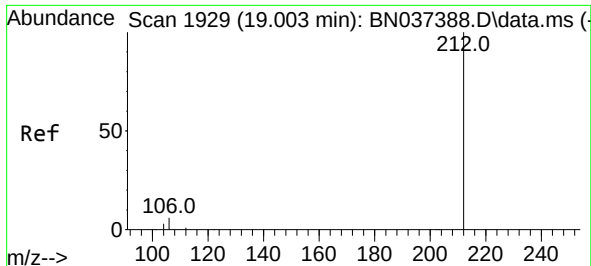
Tgt Ion:	178	Resp:	425
Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.6	23.4
179	16.7	12.8	19.2



#26
Anthracene
Concen: 0.031 ng
RT: 17.009 min Scan# 1702
Delta R.T. -0.087 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion:	178	Resp:	425
Ion	Ratio	Lower	Upper
178	100		
176	21.4	14.9	22.3
179	16.7	12.4	18.6

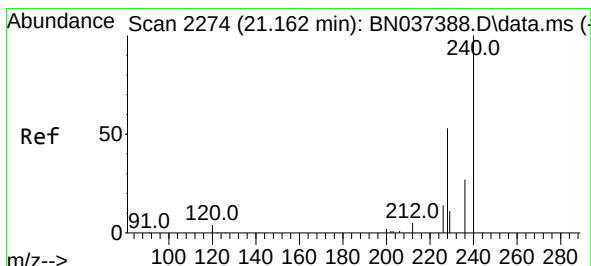
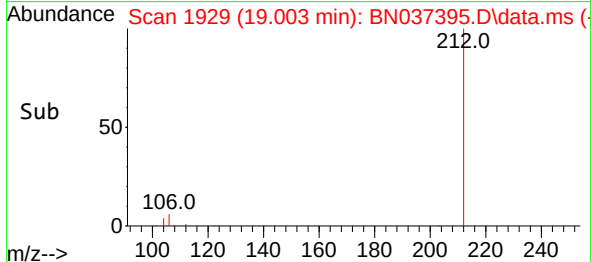
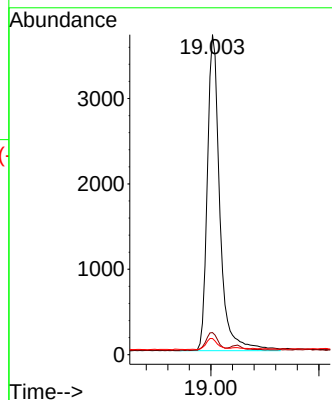
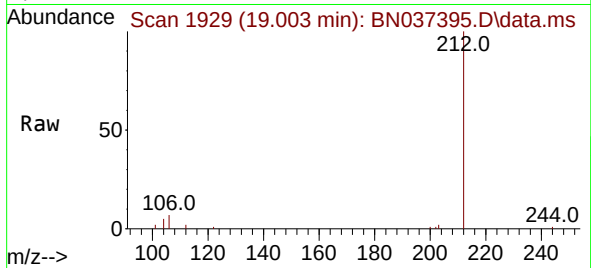




#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.003 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

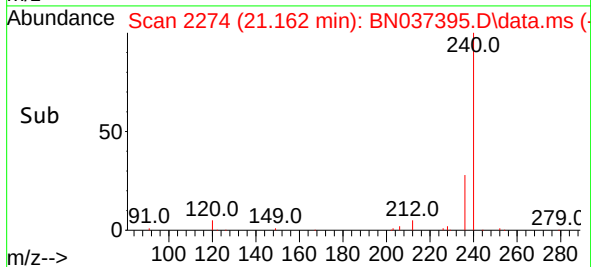
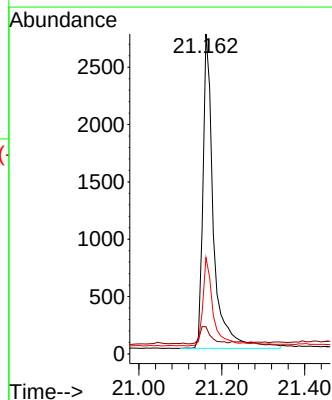
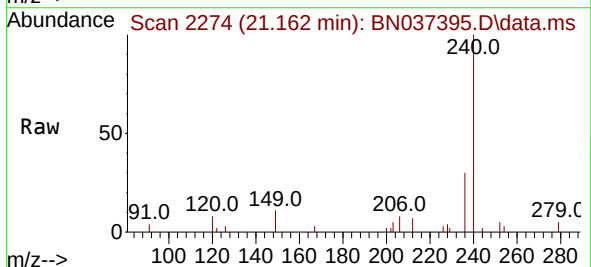
Instrument :
BNA_N
ClientSampleId :
EB02-20250616

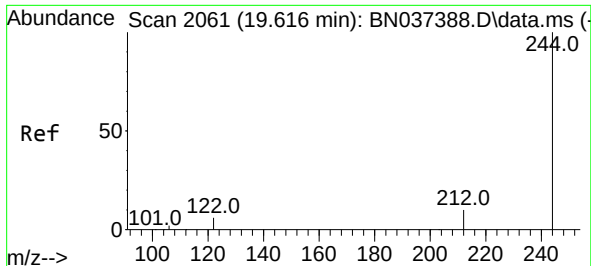
Tgt Ion:212 Resp: 5956
Ion Ratio Lower Upper
212 100
106 5.5 4.5 6.7
104 3.3 2.7 4.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.162 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BN037395.D
Acq: 26 Jun 2025 16:06

Tgt Ion:240 Resp: 4862
Ion Ratio Lower Upper
240 100
120 8.5 5.3 7.9#
236 30.1 22.7 34.1

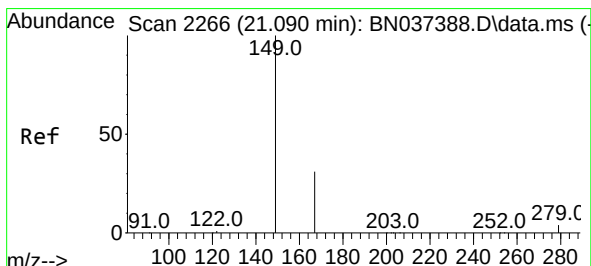
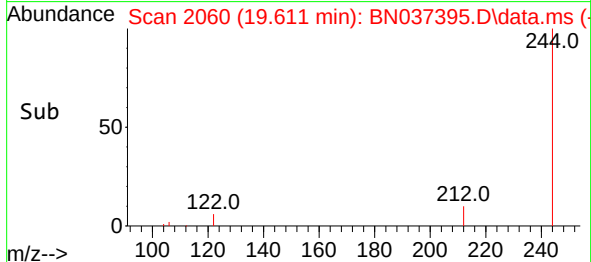
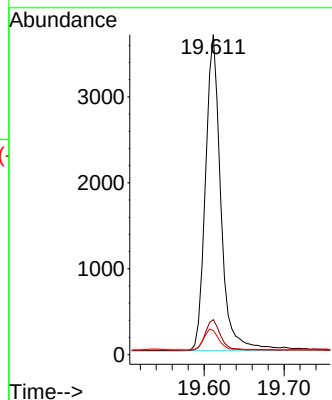
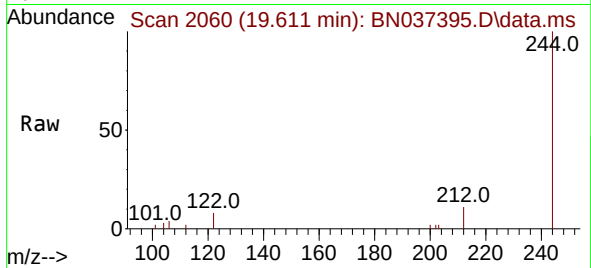




#31
 Terphenyl-d14
 Concen: 0.472 ng
 RT: 19.611 min Scan# 2061
 Delta R.T. -0.005 min
 Lab File: BN037395.D
 Acq: 26 Jun 2025 16:06

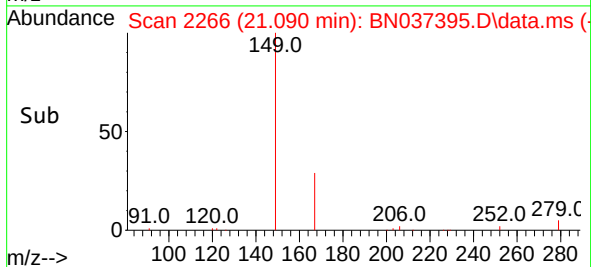
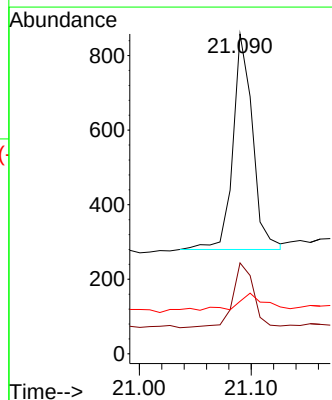
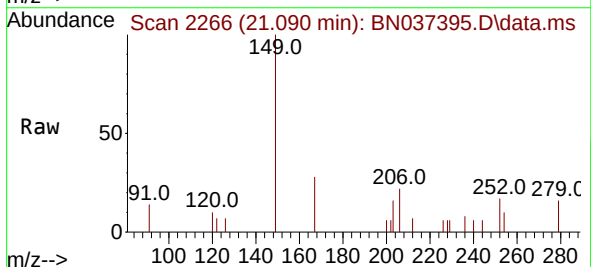
Instrument :
 BNA_N
 ClientSampleId :
 EB02-20250616

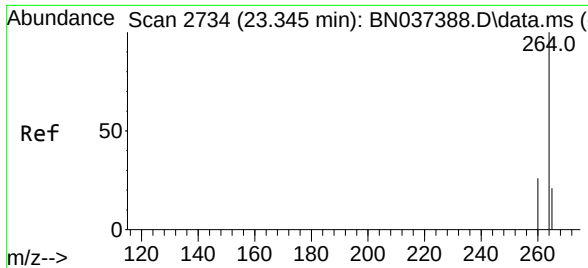
Tgt Ion:244 Resp: 4896
 Ion Ratio Lower Upper
 244 100
 212 10.9 9.1 13.7
 122 7.5 6.3 9.5



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.117 ng
 RT: 21.090 min Scan# 2266
 Delta R.T. -0.000 min
 Lab File: BN037395.D
 Acq: 26 Jun 2025 16:06

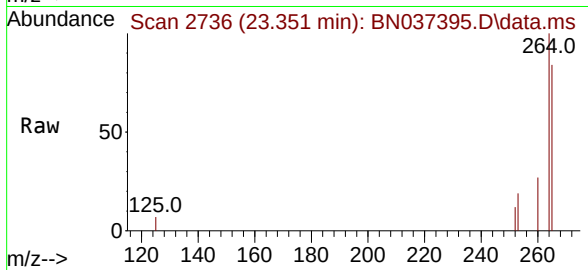
Tgt Ion:149 Resp: 706
 Ion Ratio Lower Upper
 149 100
 167 32.2 24.8 37.2
 279 10.8 5.0 7.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.351 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BN037395.D
 Acq: 26 Jun 2025 16:06

Instrument :
 BNA_N
 ClientSampleId :
 EB02-20250616



Tgt Ion:264 Resp: 4950

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.4	32.0
265	83.6	56.2	84.4

