

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
 Data File : BN037213.D
 Acq On : 10 Jun 2025 09:49
 Operator : RC/JU
 Sample : Q2234-07DL 2X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-19B-72-060425DL

Quant Time: Jun 10 10:51:19 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)

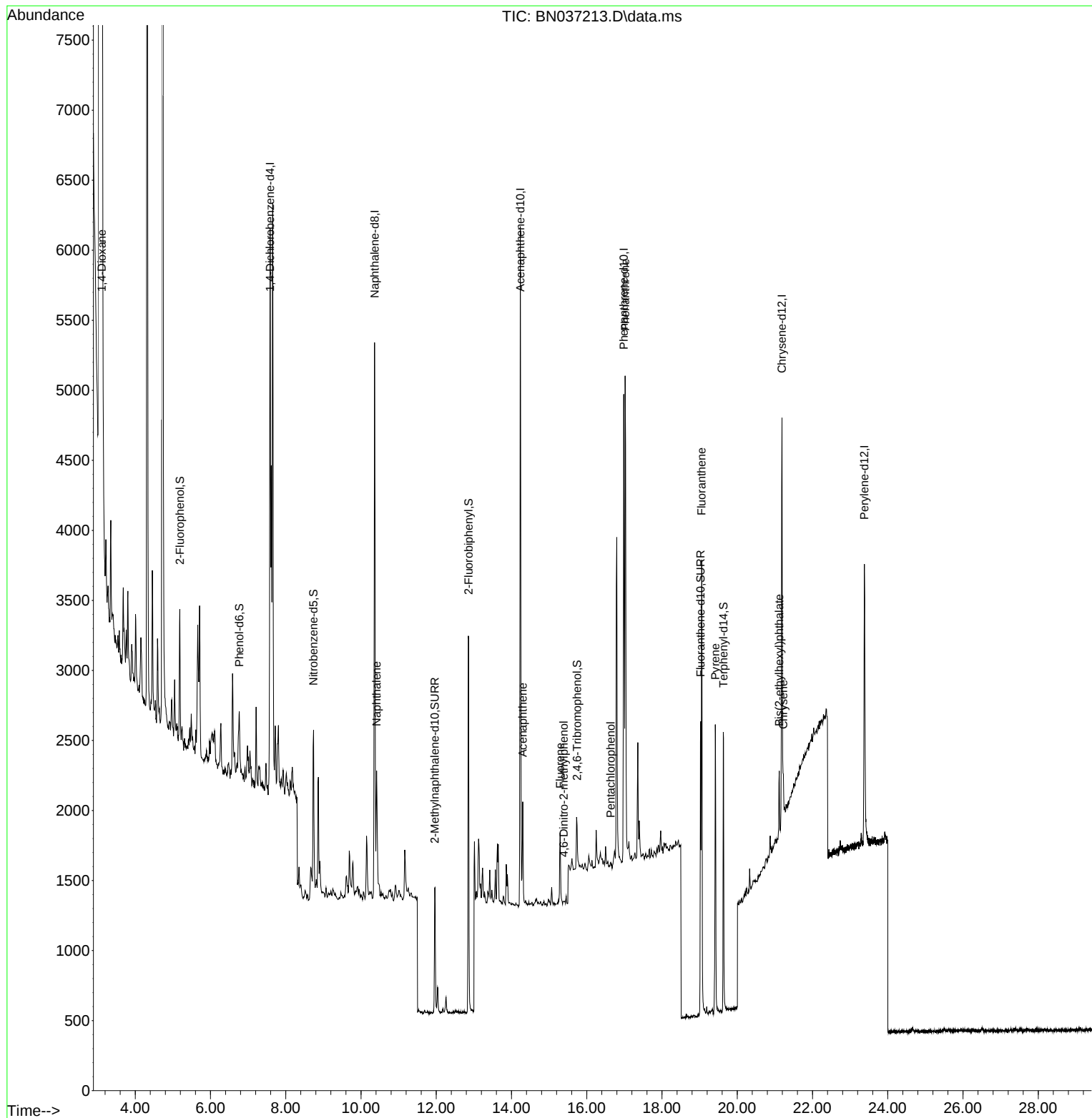
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	1883	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	4807	0.400	ng	-0.01
13) Acenaphthene-d10	14.235	164	2597	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4389	0.400	ng	0.00
29) Chrysene-d12	21.189	240	2810	0.400	ng	# 0.00
35) Perylene-d12	23.380	264	2751	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	530	0.114	ng	0.00
5) Phenol-d6	6.766	99	394	0.070	ng	0.00
8) Nitrobenzene-d5	8.739	82	1062	0.209	ng	0.00
11) 2-Methylnaphthalene-d10	11.961	152	1359	0.203	ng	-0.01
14) 2,4,6-Tribromophenol	15.743	330	218	0.208	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	2439	0.220	ng	0.00
27) Fluoranthene-d10	19.026	212	2415	0.217	ng	0.00
31) Terphenyl-d14	19.630	244	2038	0.308	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.112	88	7647	3.047	ng	98
9) Naphthalene	10.415	128	829	0.060	ng	# 83
17) Acenaphthene	14.299	154	316	0.038	ng	98
18) Fluorene	15.293	166	334	0.031	ng	# 91
20) 4,6-Dinitro-2-methylph...	15.389	198	2	0.276	ng	# 1
24) Pentachlorophenol	16.636	266	19	0.225	ng	# 40
25) Phenanthrene	17.021	178	3983	0.280	ng	99
28) Fluoranthene	19.054	202	2915	0.186	ng	99
30) Pyrene	19.416	202	1996	0.146	ng	# 94
33) Chrysene	21.225	228	295	0.026	ng	# 64
34) Bis(2-ethylhexyl)phtha...	21.117	149	620	0.097	ng	# 88

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037213.D
Acq On : 10 Jun 2025 09:49
Operator : RC/JU
Sample : Q2234-07DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

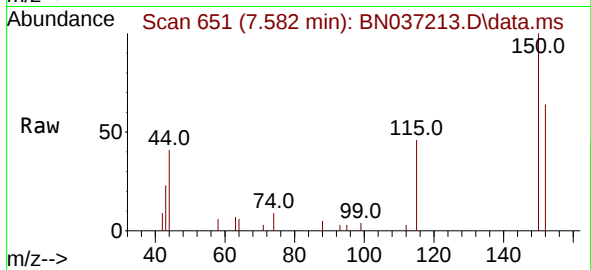
Quant Time: Jun 10 10:51:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration





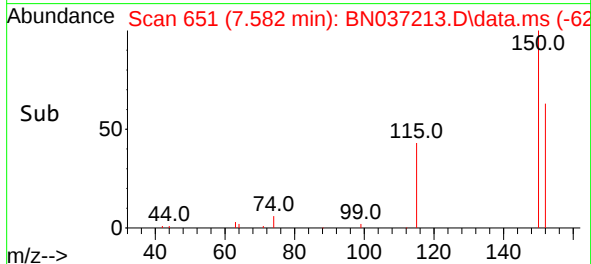
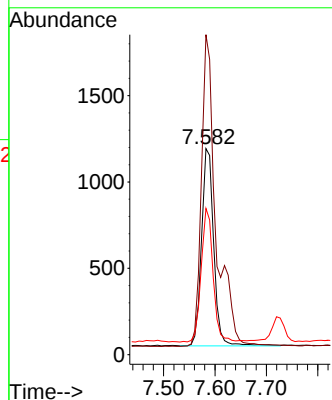
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.582 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN037213.D
 Acq: 10 Jun 2025 09:49

Instrument :
 BNA_N
 ClientSampleId :
 MW-19B-72-060425DL



Tgt Ion:152 Resp: 1883

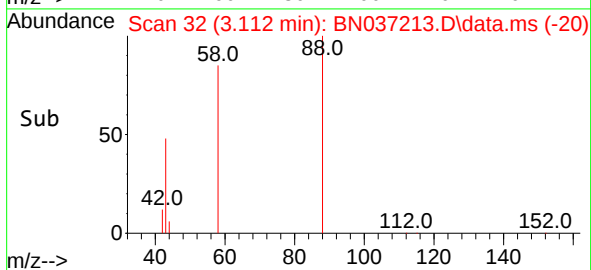
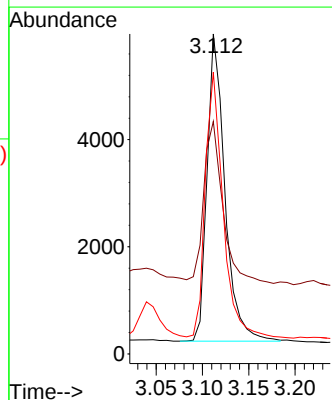
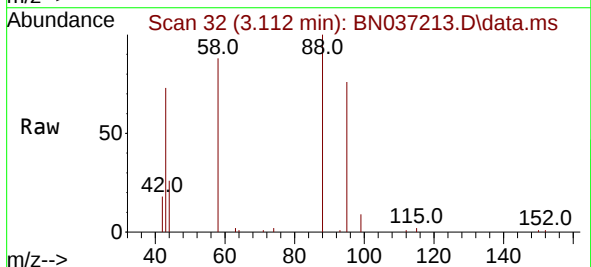
Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.2	184.8
115	71.0	56.6	85.0

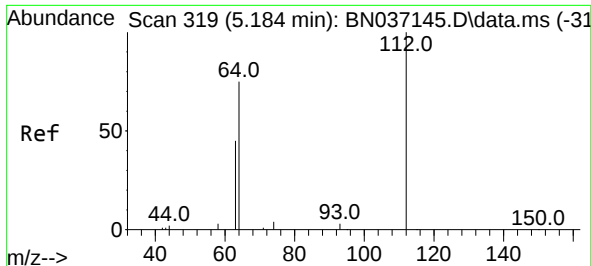


#2
 1,4-Dioxane
 Concen: 3.047 ng
 RT: 3.112 min Scan# 32
 Delta R.T. -0.014 min
 Lab File: BN037213.D
 Acq: 10 Jun 2025 09:49

Tgt Ion: 88 Resp: 7647

Ion	Ratio	Lower	Upper
88	100		
43	55.1	43.5	65.3
58	86.8	67.7	101.5

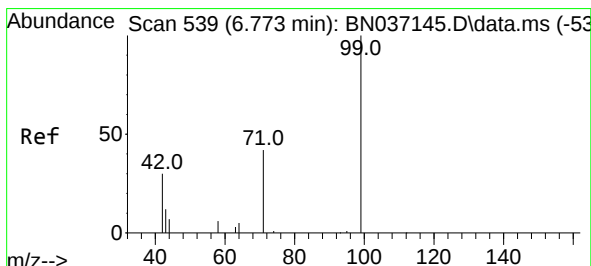
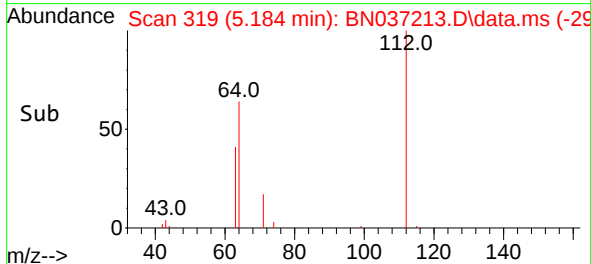
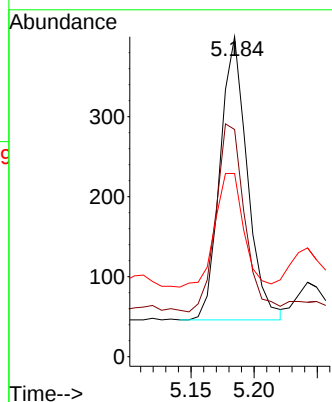
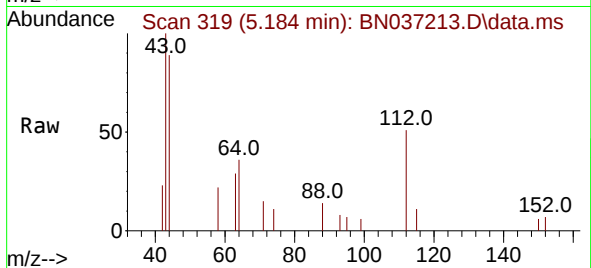




#4
2-Fluorophenol
Concen: 0.114 ng
RT: 5.184 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

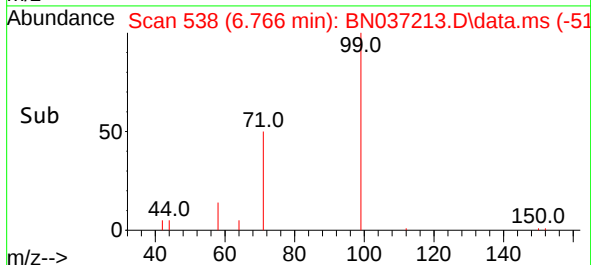
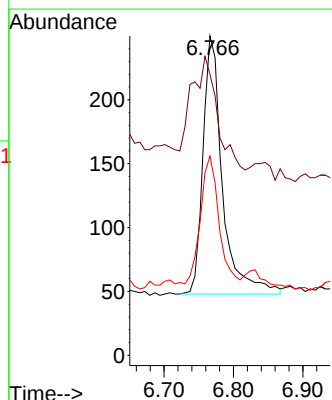
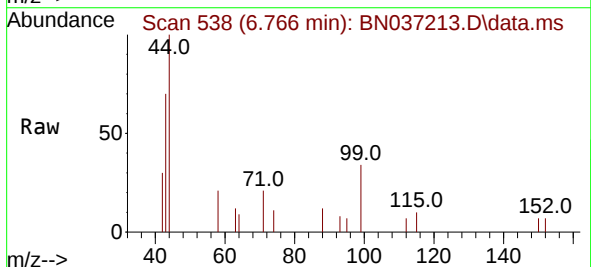
Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

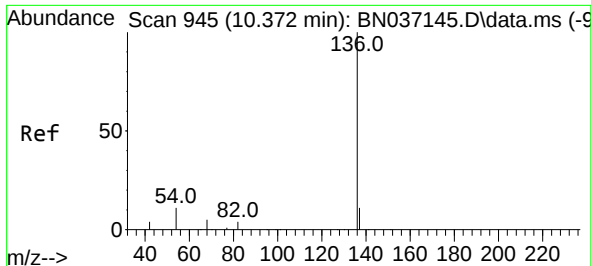
Tgt Ion:112 Resp: 530
Ion Ratio Lower Upper
112 100
64 69.8 56.3 84.5
63 42.8 36.2 54.4



#5
Phenol-d6
Concen: 0.070 ng
RT: 6.766 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion: 99 Resp: 394
Ion Ratio Lower Upper
99 100
42 58.4 31.3 46.9#
71 48.7 38.2 57.2

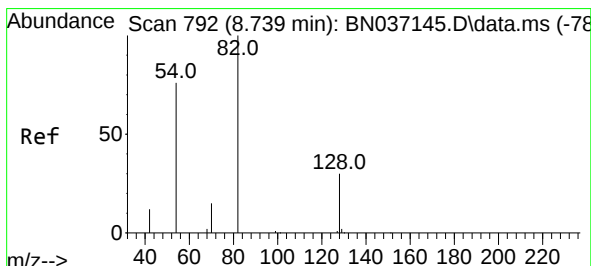
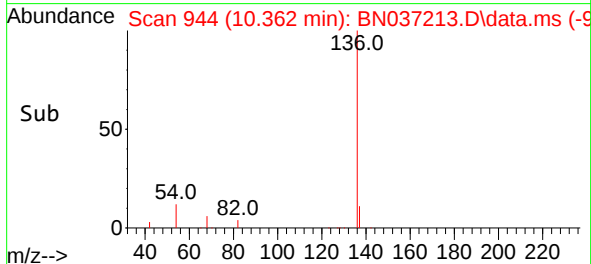
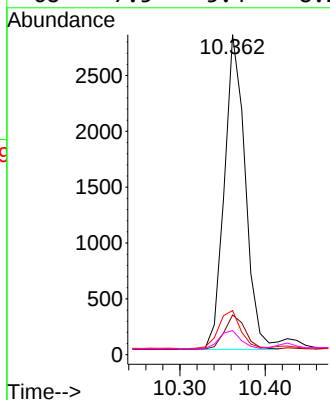
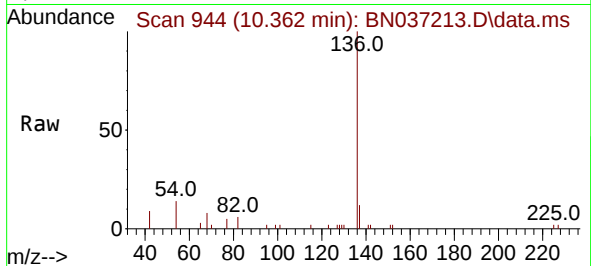




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 945
Delta R.T. -0.011 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

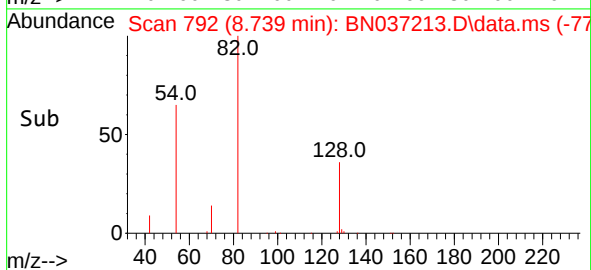
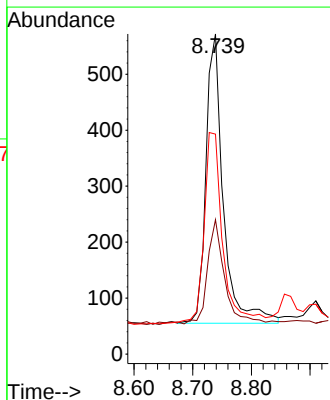
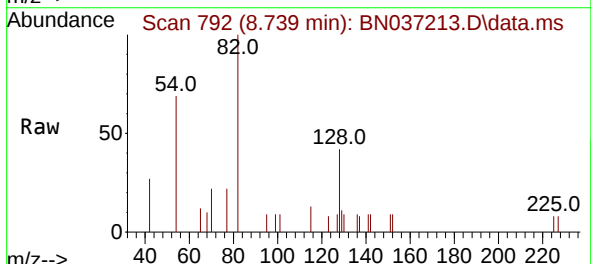
Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

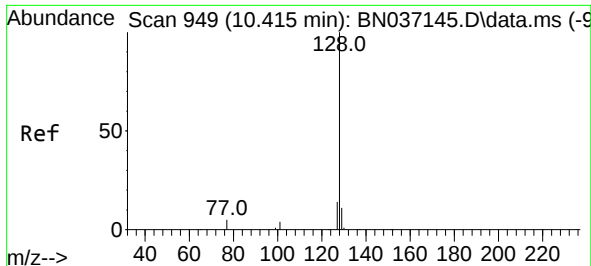
Tgt Ion:	136	Resp:	4807
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.7	14.5
54	13.8	9.7	14.5
68	7.5	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.209 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:	82	Resp:	1062
Ion	Ratio	Lower	Upper
82	100		
128	42.0	26.9	40.3
54	68.7	61.4	92.2

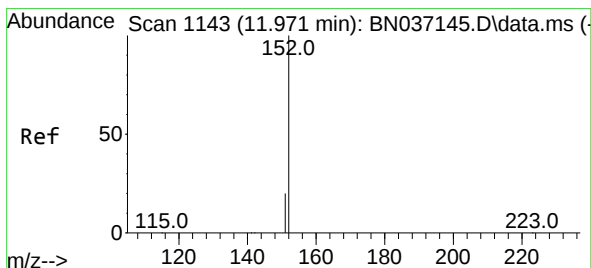
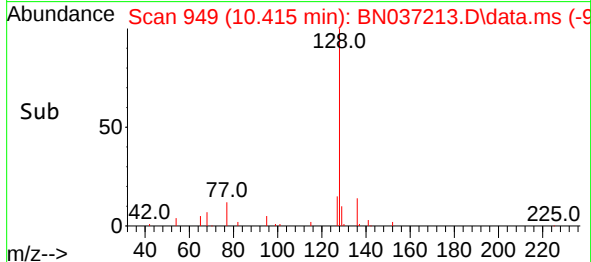
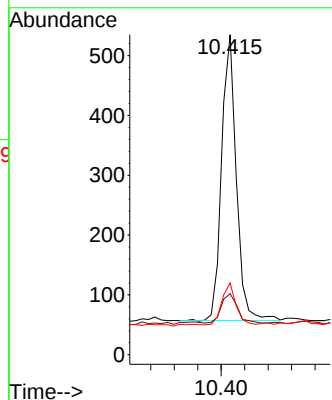
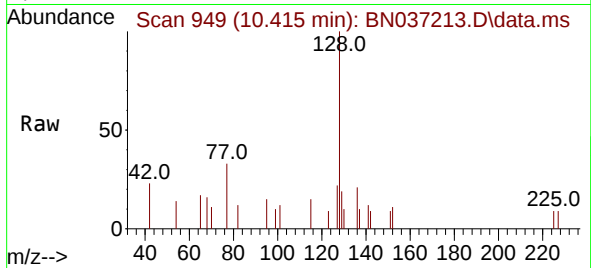




#9
Naphthalene
Concen: 0.060 ng
RT: 10.415 min Scan# 949
Delta R.T. 0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

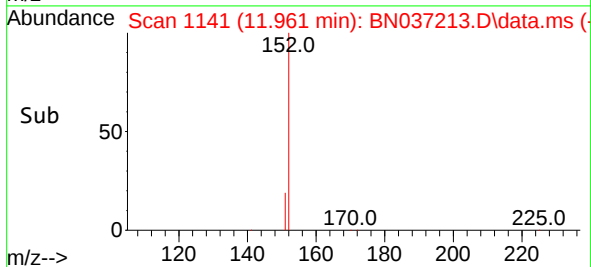
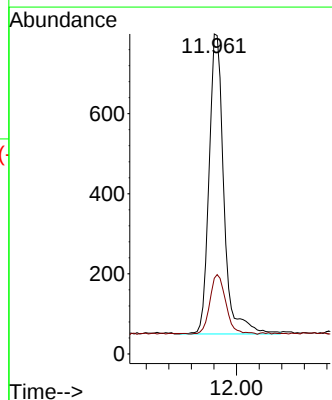
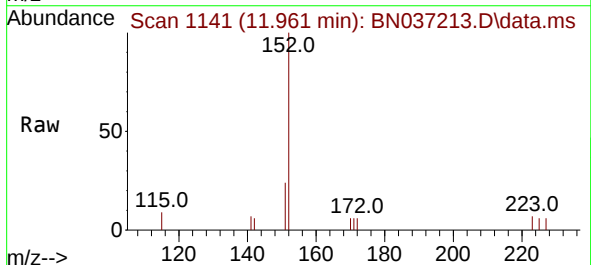
Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

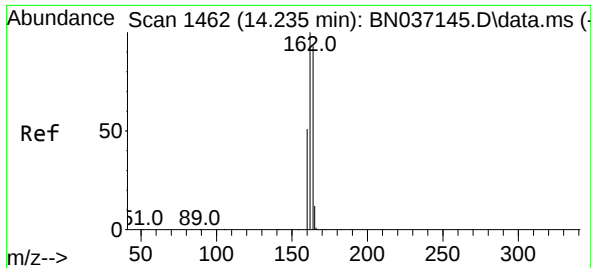
Tgt Ion:128 Resp: 829
Ion Ratio Lower Upper
128 100
129 19.1 9.8 14.8#
127 22.4 12.3 18.5#



#11
2-Methylnaphthalene-d10
Concen: 0.203 ng
RT: 11.961 min Scan# 1141
Delta R.T. -0.010 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:152 Resp: 1359
Ion Ratio Lower Upper
152 100
151 21.7 17.1 25.7

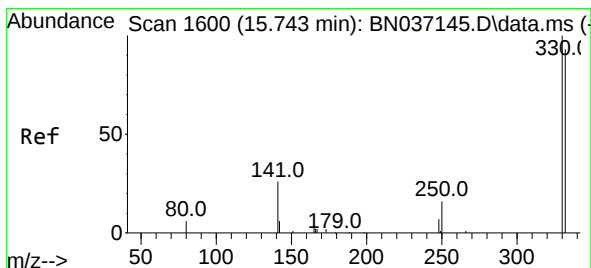
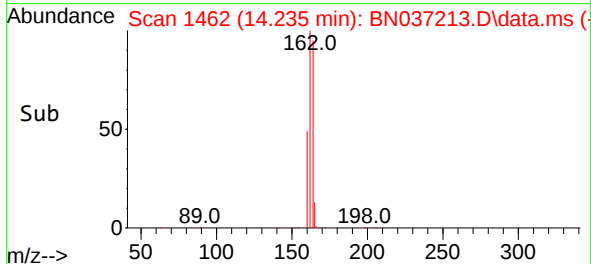
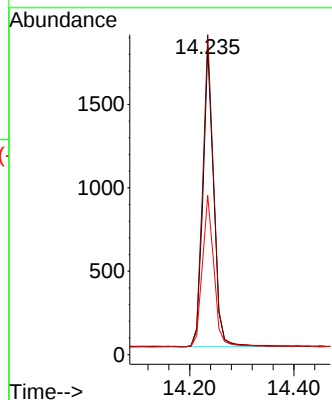
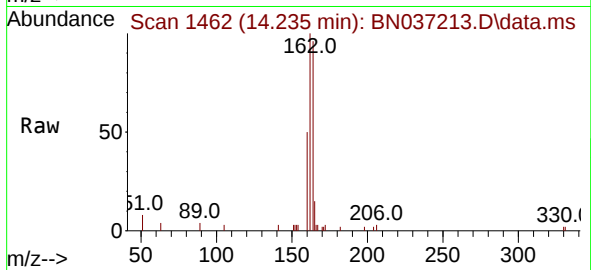




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

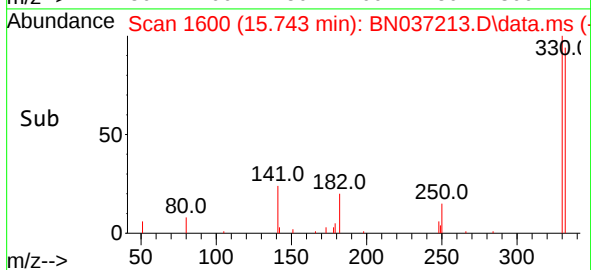
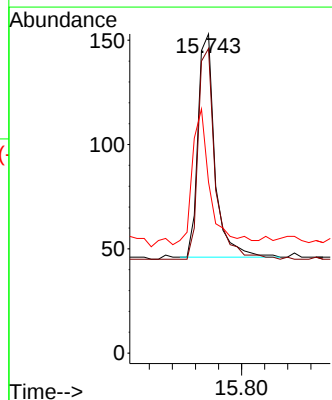
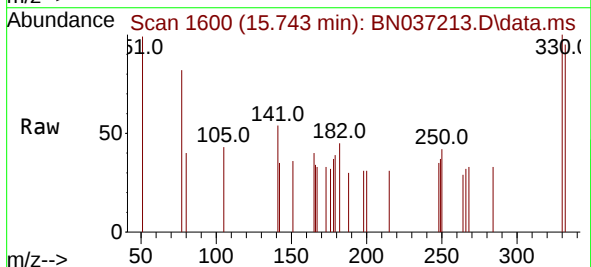
Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

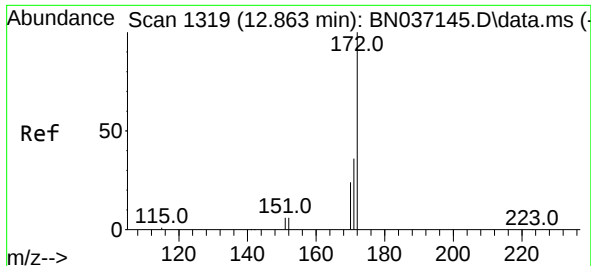
Tgt Ion:	164	Resp:	2597
Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.5	128.3
160	51.9	44.6	67.0



#14
2,4,6-Tribromophenol
Concen: 0.208 ng
RT: 15.743 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:	330	Resp:	218
Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	63.8	46.4	69.6

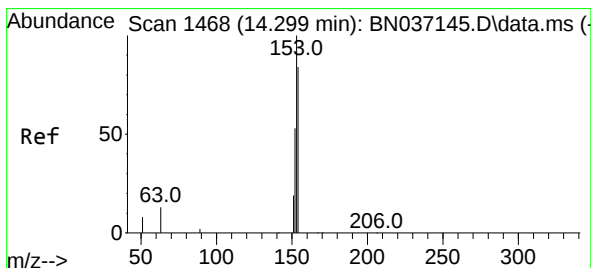
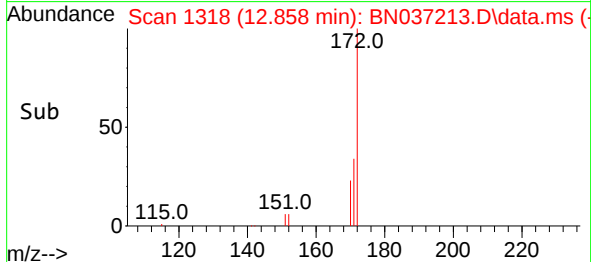
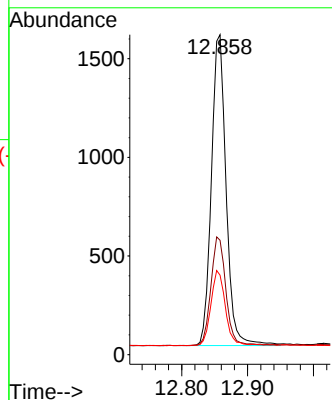
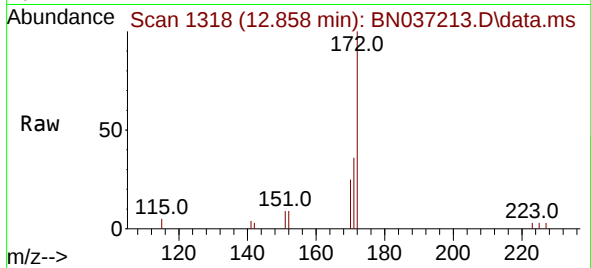




#15
2-Fluorobiphenyl
Concen: 0.220 ng
RT: 12.858 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

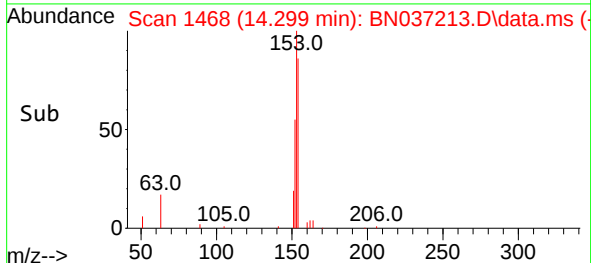
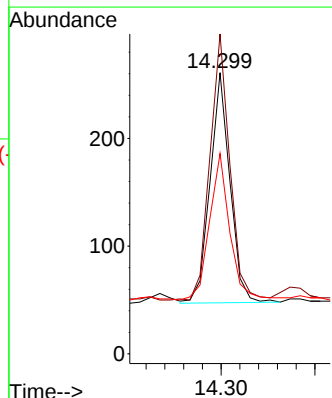
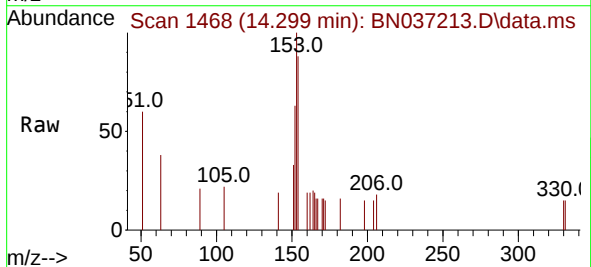
Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

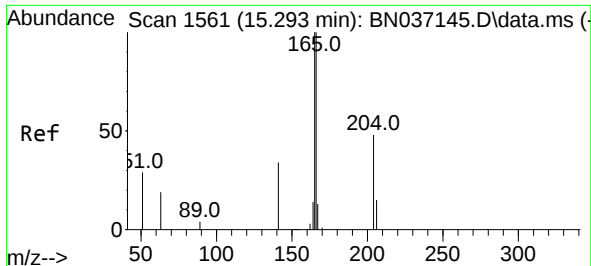
Tgt Ion:172 Resp: 2439
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 24.8 20.3 30.5



#17
Acenaphthene
Concen: 0.038 ng
RT: 14.299 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:154 Resp: 316
Ion Ratio Lower Upper
154 100
153 115.2 93.8 140.8
152 65.2 50.5 75.7

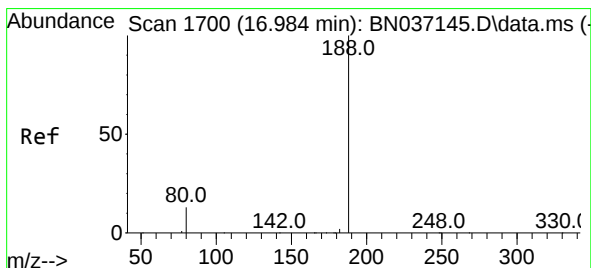
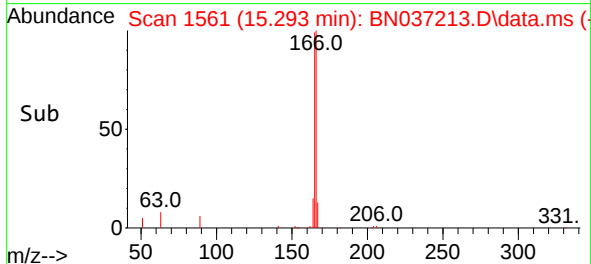
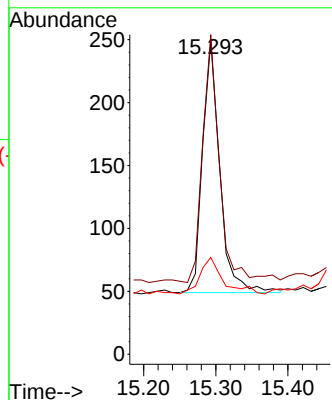
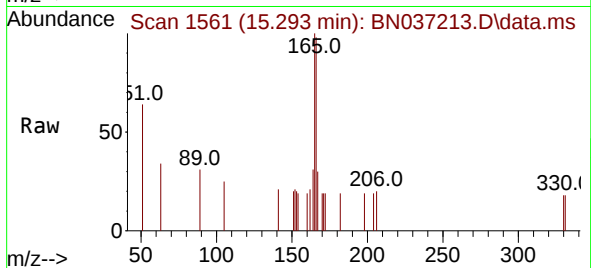




#18
 Fluorene
 Concen: 0.031 ng
 RT: 15.293 min Scan# 1561
 Delta R.T. -0.000 min
 Lab File: BN037213.D
 Acq: 10 Jun 2025 09:49

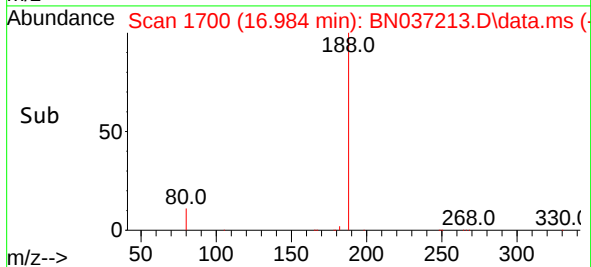
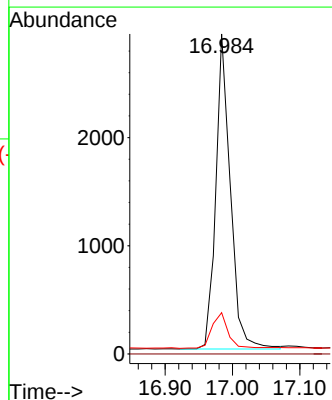
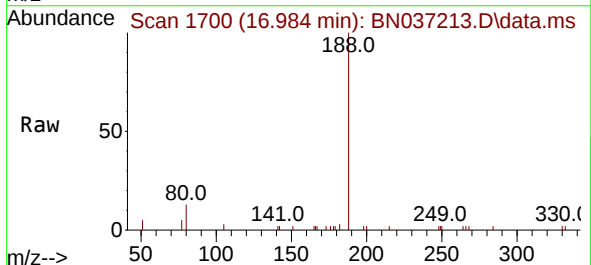
Instrument :
 BNA_N
 ClientSampleId :
 MW-19B-72-060425DL

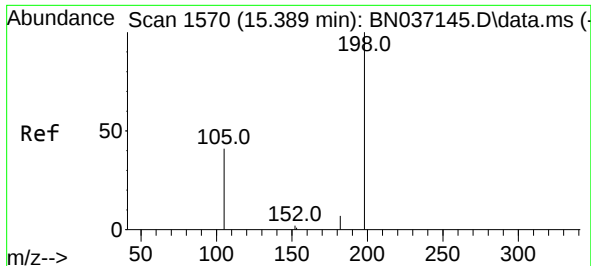
Tgt Ion:166 Resp: 334
 Ion Ratio Lower Upper
 166 100
 165 92.5 81.1 121.7
 167 18.9 10.8 16.2#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.984 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: BN037213.D
 Acq: 10 Jun 2025 09:49

Tgt Ion:188 Resp: 4389
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 12.9 11.3 16.9

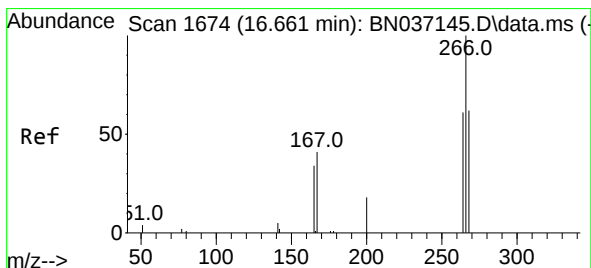
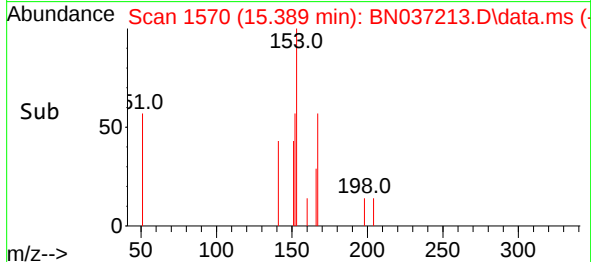
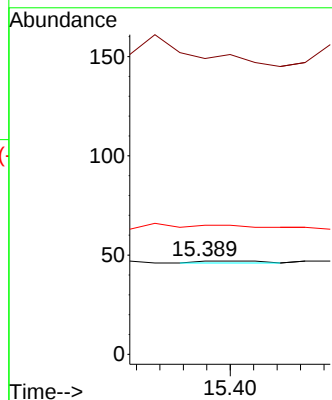
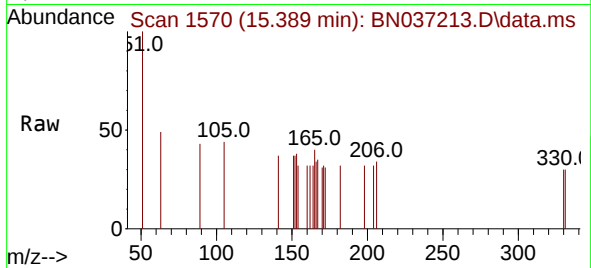




#20
4,6-Dinitro-2-methylphenol
Concen: 0.276 ng
RT: 15.389 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

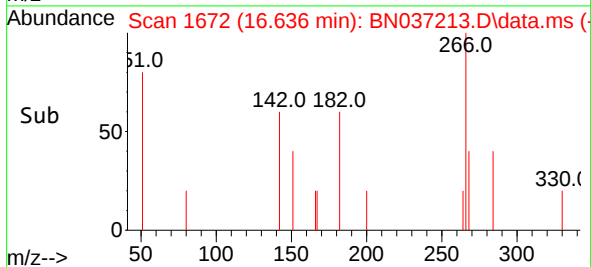
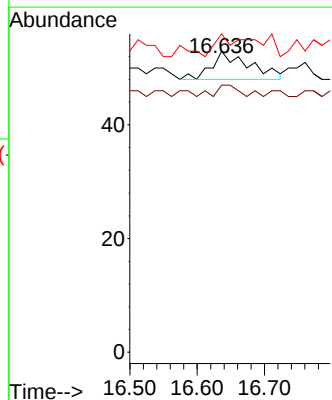
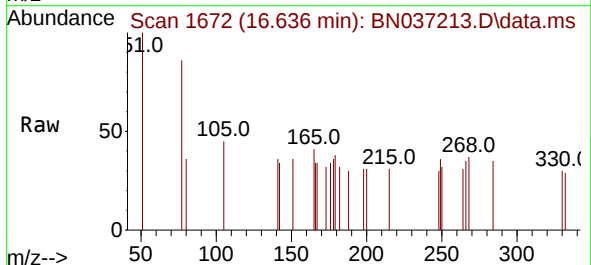
Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

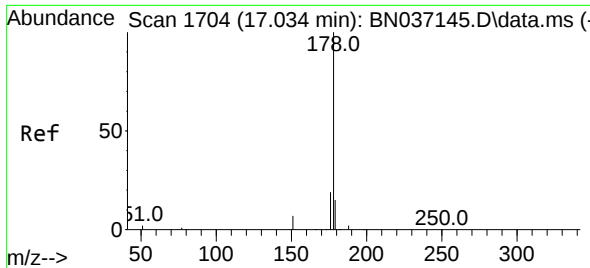
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 317.0 125.2 187.8#
105 138.3 57.1 85.7#



#24
Pentachlorophenol
Concen: 0.225 ng
RT: 16.636 min Scan# 1672
Delta R.T. -0.025 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:266 Resp: 19
Ion Ratio Lower Upper
266 100
264 0.0 49.3 73.9#
268 31.6 49.0 73.4#

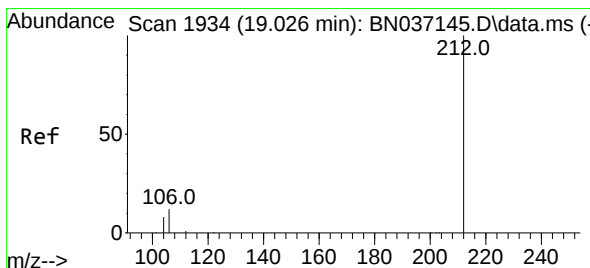
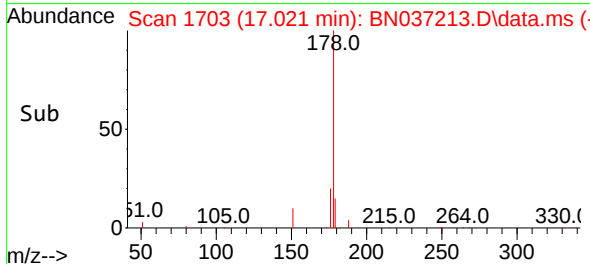
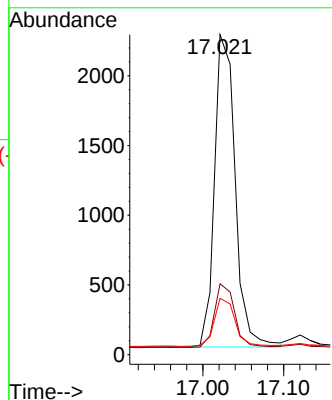
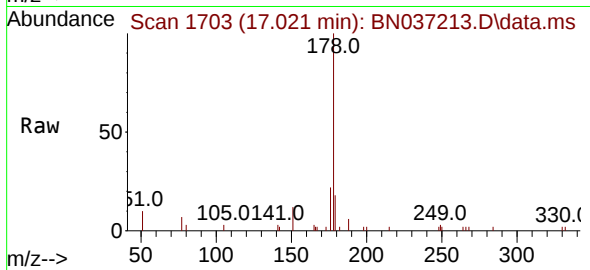




#25
Phenanthrene
Concen: 0.280 ng
RT: 17.021 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

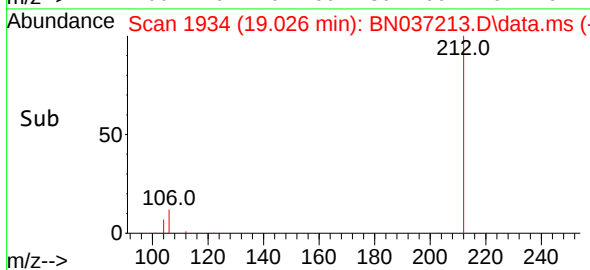
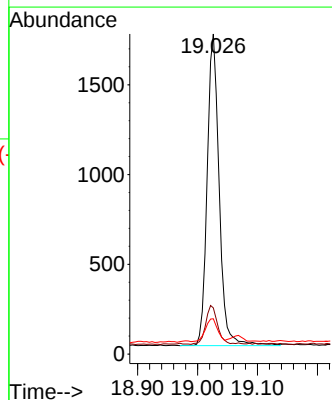
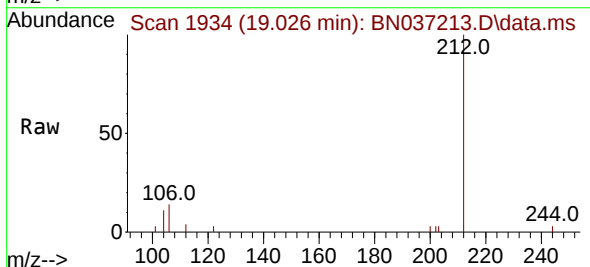
Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

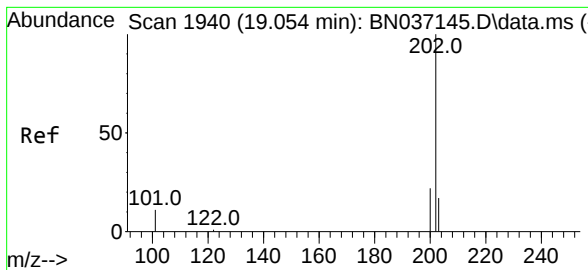
Tgt Ion:178 Resp: 3983
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.6 12.3 18.5



#27
Fluoranthene-d10
Concen: 0.217 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:212 Resp: 2415
Ion Ratio Lower Upper
212 100
106 12.3 10.6 15.8
104 7.5 6.6 9.8





#28

Fluoranthene

Concen: 0.186 ng

RT: 19.054 min Scan# 1940

Delta R.T. 0.000 min

Lab File: BN037213.D

Acq: 10 Jun 2025 09:49

Instrument :

BNA_N

ClientSampleId :

MW-19B-72-060425DL

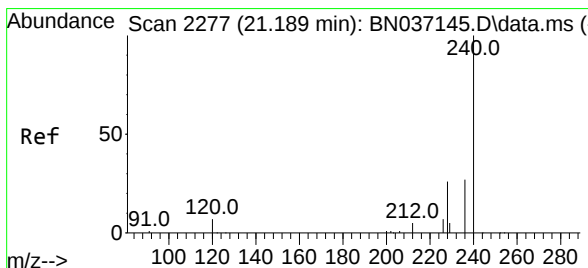
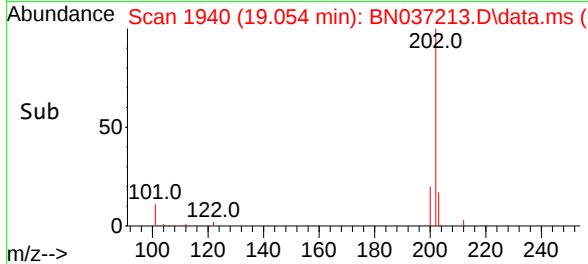
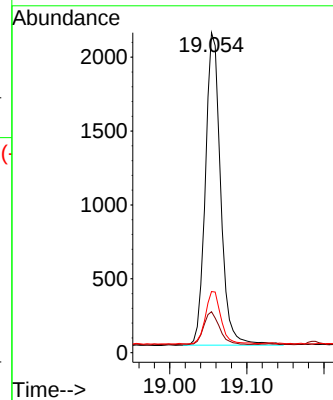
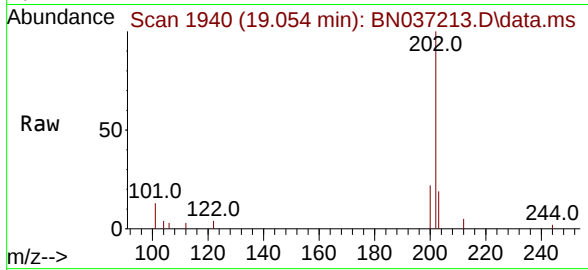
Tgt Ion:202 Resp: 2915

Ion Ratio Lower Upper

202 100

101 10.9 8.7 13.1

203 17.3 13.5 20.3



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.189 min Scan# 2277

Delta R.T. -0.000 min

Lab File: BN037213.D

Acq: 10 Jun 2025 09:49

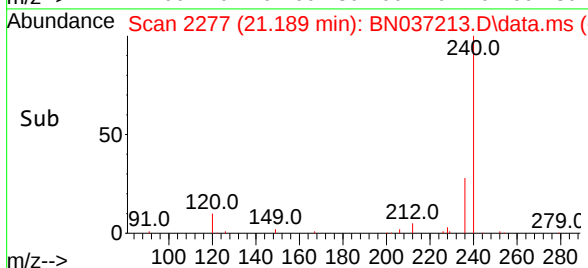
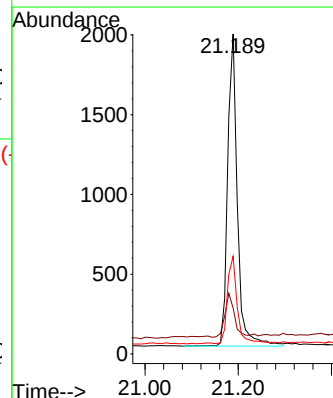
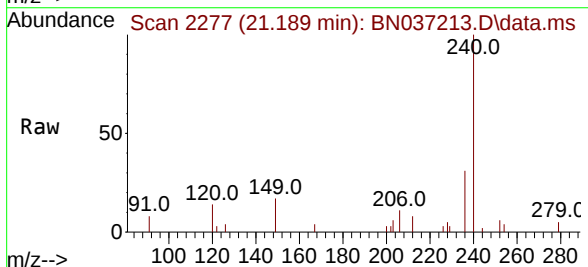
Tgt Ion:240 Resp: 2810

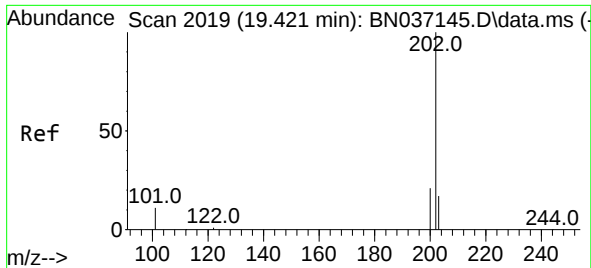
Ion Ratio Lower Upper

240 100

120 14.4 9.0 13.4#

236 30.6 23.0 34.4

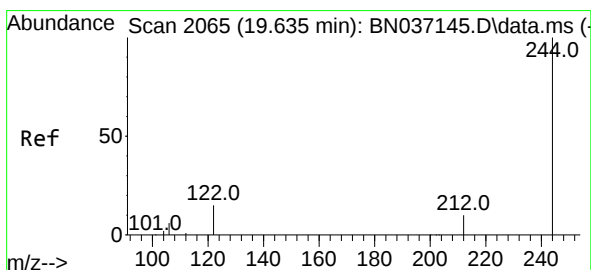
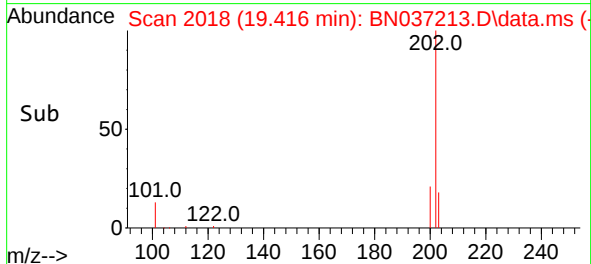
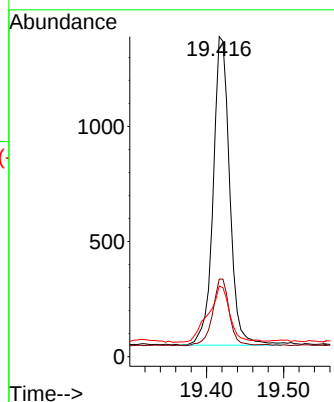
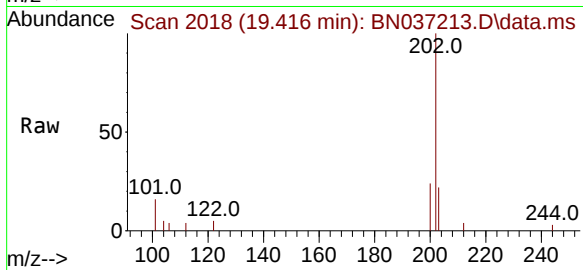




#30
Pyrene
Concen: 0.146 ng
RT: 19.416 min Scan# 2019
Delta R.T. -0.005 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

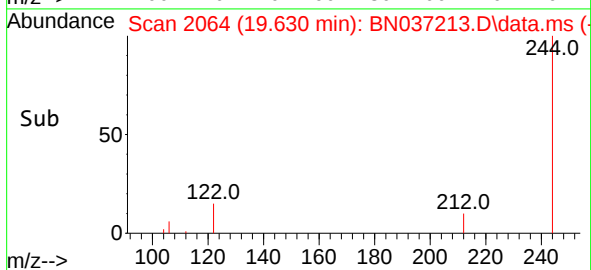
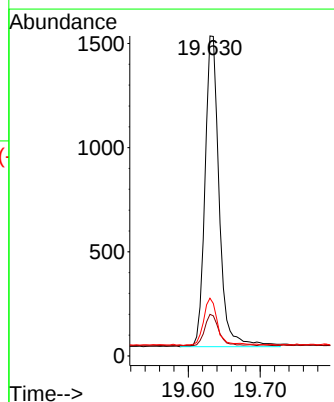
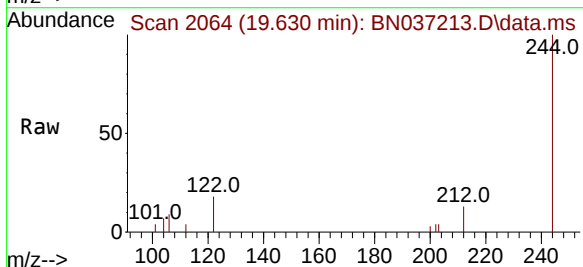
Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

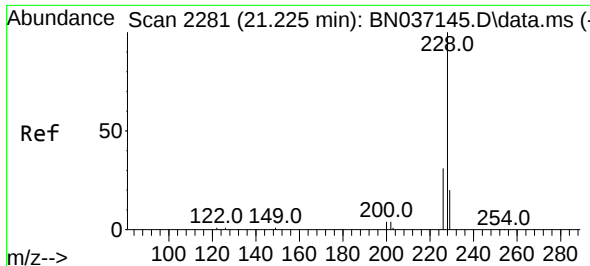
Tgt Ion:202 Resp: 1996
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 23.7 14.2 21.4#



#31
Terphenyl-d14
Concen: 0.308 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:244 Resp: 2038
Ion Ratio Lower Upper
244 100
212 13.0 10.0 15.0
122 18.0 13.2 19.8





#33

Chrysene

Concen: 0.026 ng

RT: 21.225 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037213.D

Acq: 10 Jun 2025 09:49

Instrument :

BNA_N

ClientSampleId :

MW-19B-72-060425DL

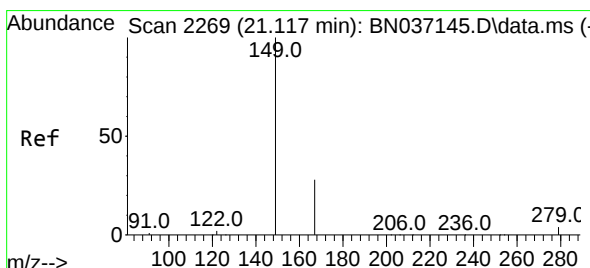
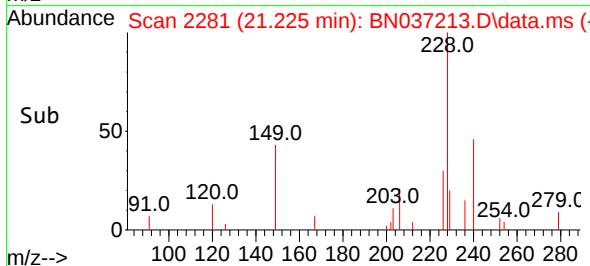
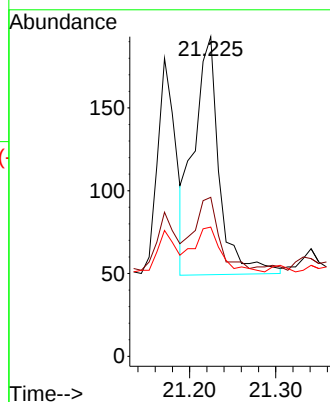
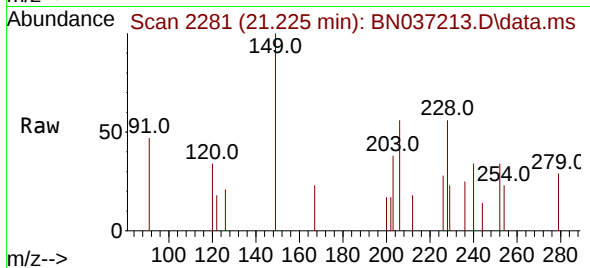
Tgt Ion:228 Resp: 295

Ion Ratio Lower Upper

228 100

226 49.7 25.2 37.8#

229 40.4 16.8 25.2#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.097 ng

RT: 21.117 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BN037213.D

Acq: 10 Jun 2025 09:49

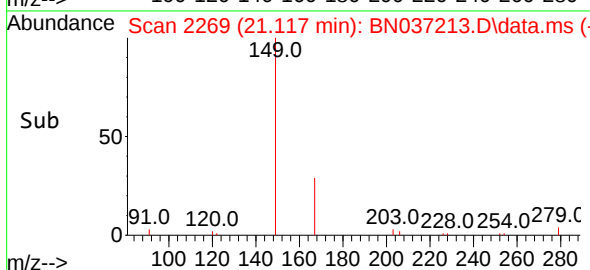
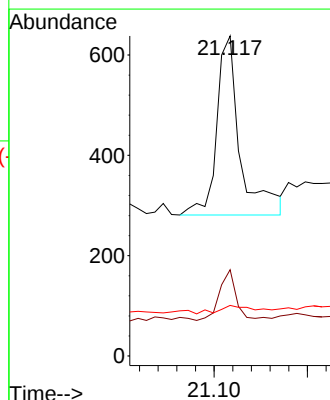
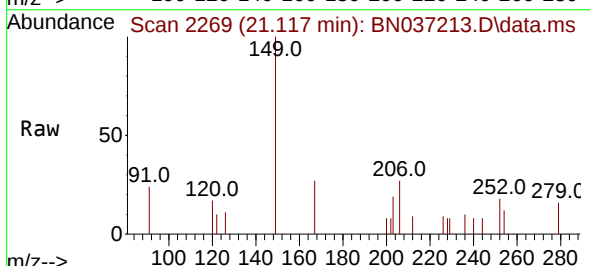
Tgt Ion:149 Resp: 620

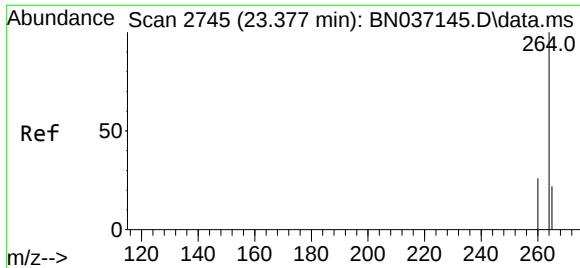
Ion Ratio Lower Upper

149 100

167 20.0 21.0 31.4#

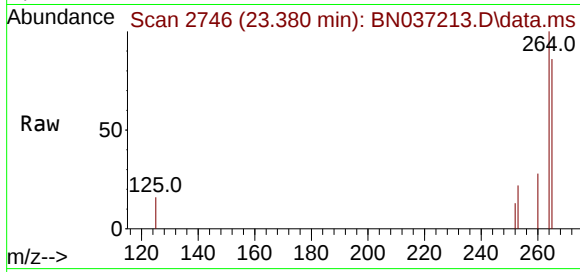
279 7.6 2.9 4.3#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.380 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN037213.D
 Acq: 10 Jun 2025 09:49

Instrument :
 BNA_N
 ClientSampleId :
 MW-19B-72-060425DL



Tgt Ion:264 Resp: 2751

Ion	Ratio	Lower	Upper
264	100		
260	28.4	22.1	33.1
265	85.6	55.8	83.8#

