

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
 Data File : BN037210.D
 Acq On : 10 Jun 2025 02:49
 Operator : RC/JU
 Sample : Q2250-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-06-6.5-060525

Quant Time: Jun 10 04:06:05 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)

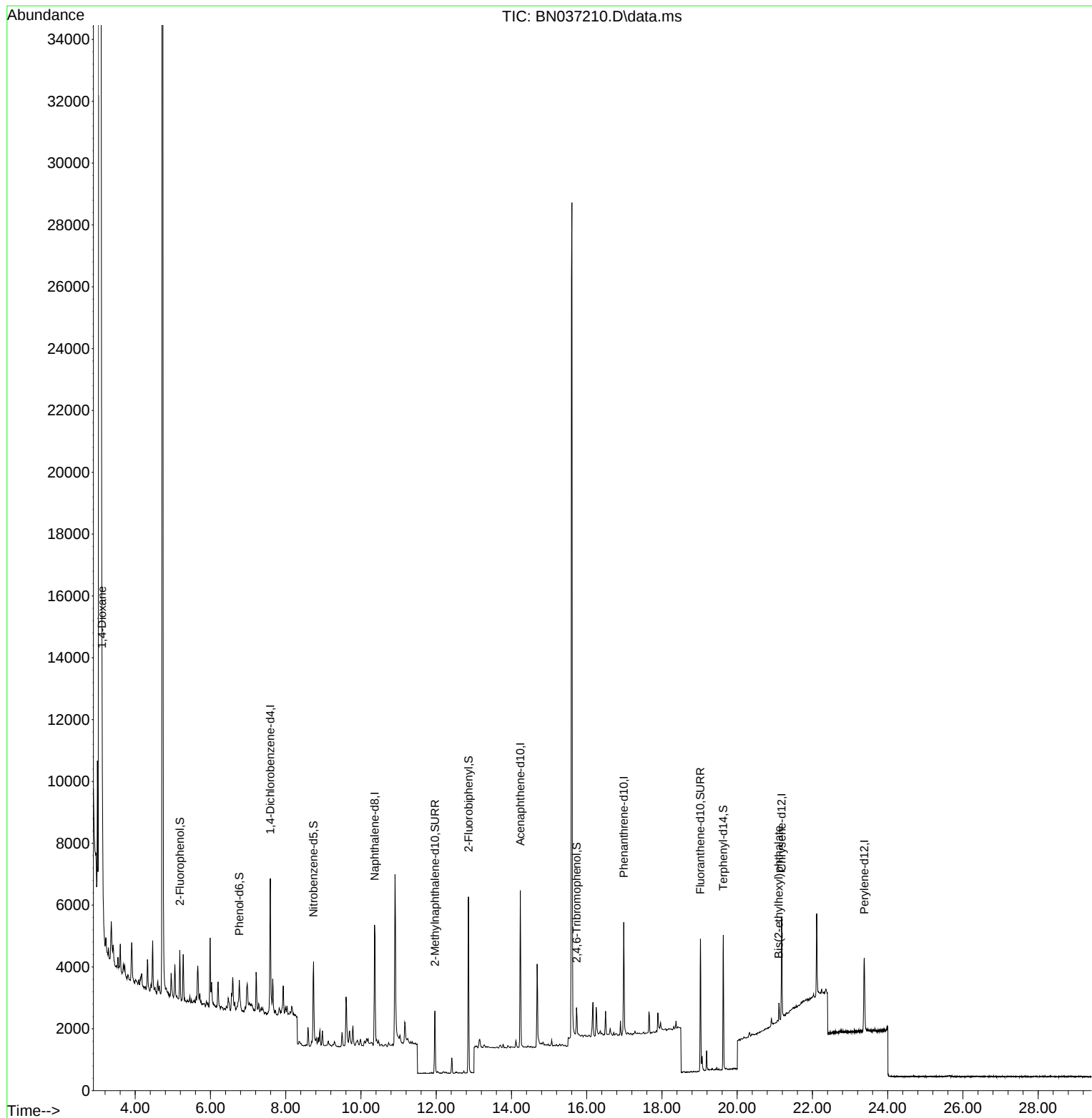
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1975	0.400	ng	0.00
7) Naphthalene-d8	10.361	136	5099	0.400	ng	#-0.01
13) Acenaphthene-d10	14.234	164	2655	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4633	0.400	ng	0.00
29) Chrysene-d12	21.180	240	3167	0.400	ng	# 0.00
35) Perylene-d12	23.374	264	3104	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	1003	0.205	ng	0.00
5) Phenol-d6	6.766	99	706	0.119	ng	0.00
8) Nitrobenzene-d5	8.739	82	2235	0.415	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2730	0.385	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	460	0.430	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	4957	0.438	ng	0.00
27) Fluoranthene-d10	19.021	212	4756	0.404	ng	0.00
31) Terphenyl-d14	19.630	244	4038	0.542	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	206	0.078	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.108	149	558	0.077	ng	# 95

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

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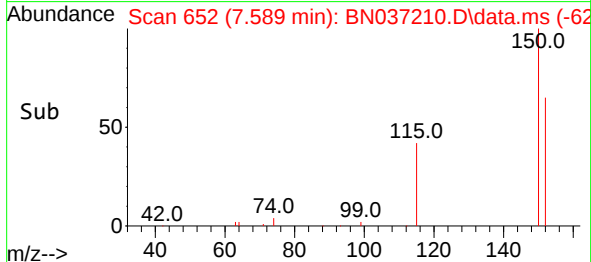
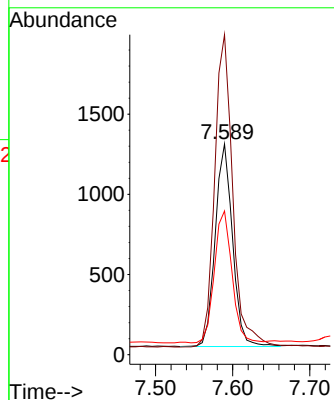
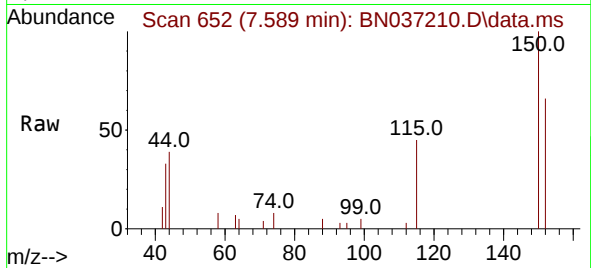




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037210.D
 Acq: 10 Jun 2025 02:49

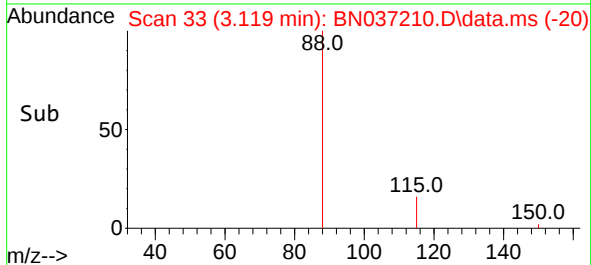
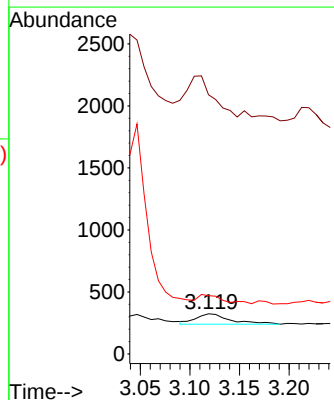
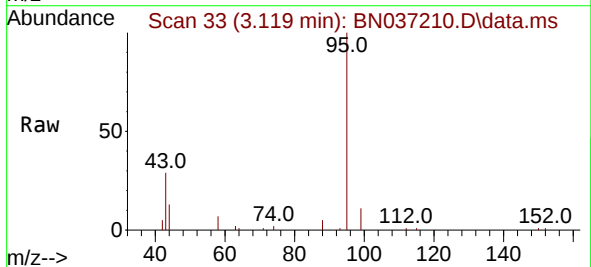
Instrument :
 BNA_N
 ClientSampleId :
 MW-06-6.5-060525

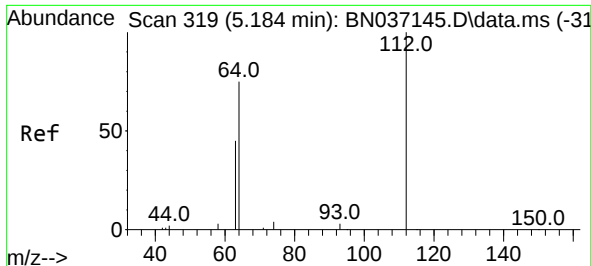
Tgt Ion:152 Resp: 1975
 Ion Ratio Lower Upper
 152 100
 150 151.9 123.2 184.8
 115 68.2 56.6 85.0



#2
 1,4-Dioxane
 Concen: 0.078 ng
 RT: 3.119 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: BN037210.D
 Acq: 10 Jun 2025 02:49

Tgt Ion: 88 Resp: 206
 Ion Ratio Lower Upper
 88 100
 43 411.2 43.5 65.3#
 58 58.3 67.7 101.5#

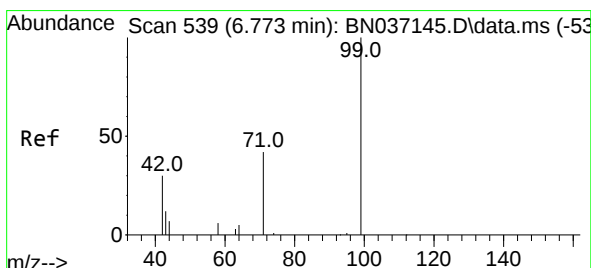
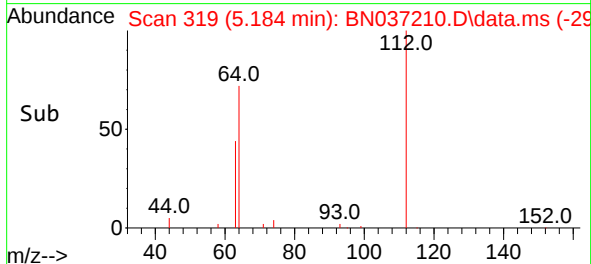
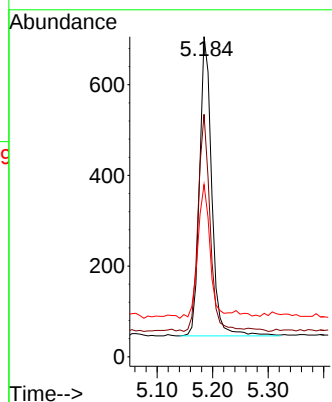
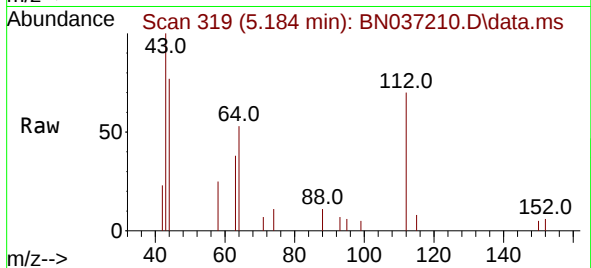




#4
2-Fluorophenol
Concen: 0.205 ng
RT: 5.184 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037210.D
Acq: 10 Jun 2025 02:49

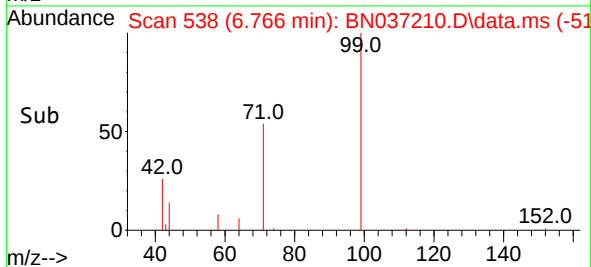
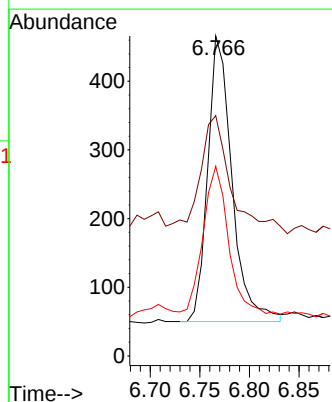
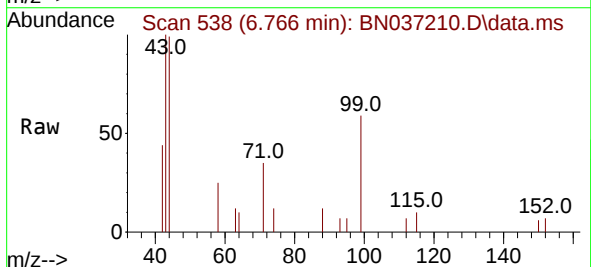
Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-060525

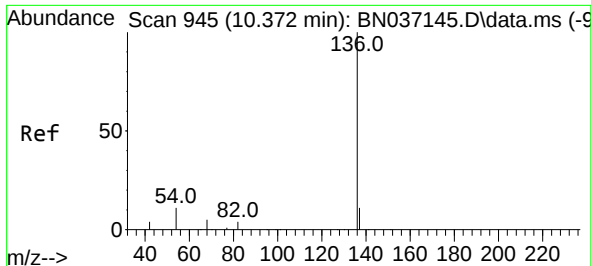
Tgt Ion:	112	Resp:	1003
Ion Ratio	Lower	Upper	
112	100		
64	70.8	56.3	84.5
63	44.8	36.2	54.4



#5
Phenol-d6
Concen: 0.119 ng
RT: 6.766 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN037210.D
Acq: 10 Jun 2025 02:49

Tgt Ion:	99	Resp:	706
Ion Ratio	Lower	Upper	
99	100		
42	52.7	31.3	46.9#
71	54.8	38.2	57.2

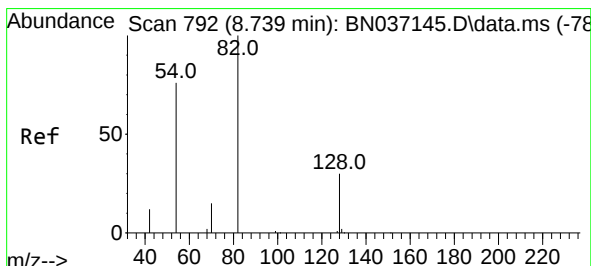
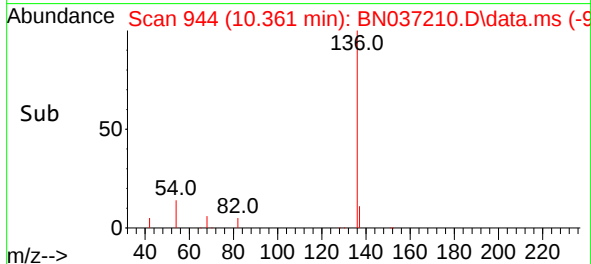
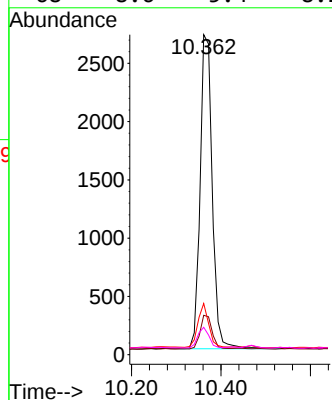
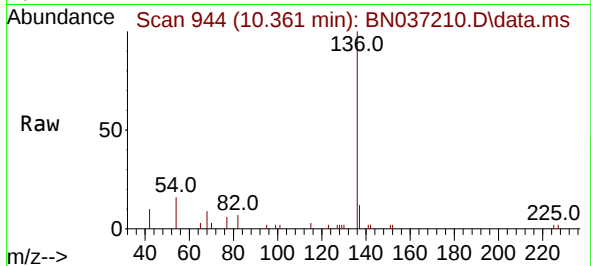




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.361 min Scan# 945
Delta R.T. -0.011 min
Lab File: BN037210.D
Acq: 10 Jun 2025 02:49

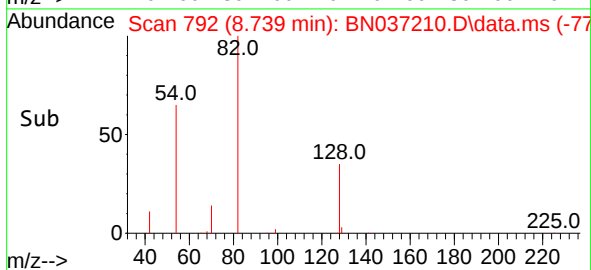
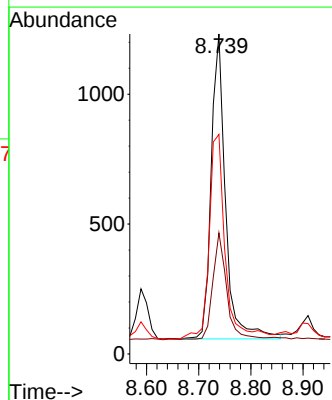
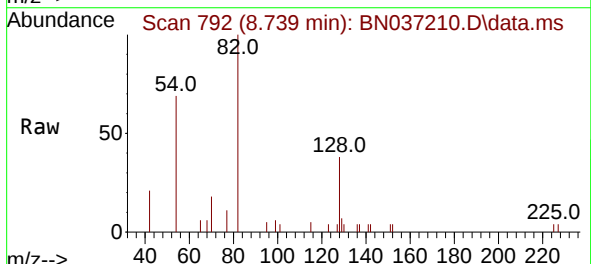
Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-060525

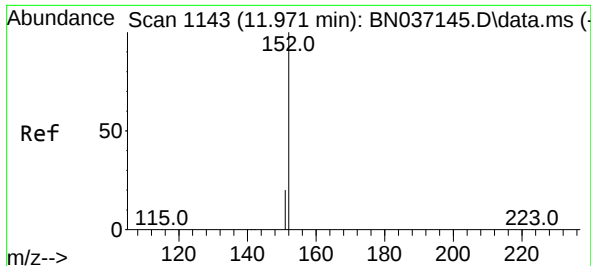
Tgt Ion:136	Resp:	5099
Ion	Ratio	Lower Upper
136	100	
137	12.3	9.7 14.5
54	16.0	9.7 14.5#
68	8.6	5.4 8.2#



#8
Nitrobenzene-d5
Concen: 0.415 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037210.D
Acq: 10 Jun 2025 02:49

Tgt Ion: 82	Resp:	2235
Ion	Ratio	Lower Upper
82	100	
128	37.8	26.9 40.3
54	68.6	61.4 92.2

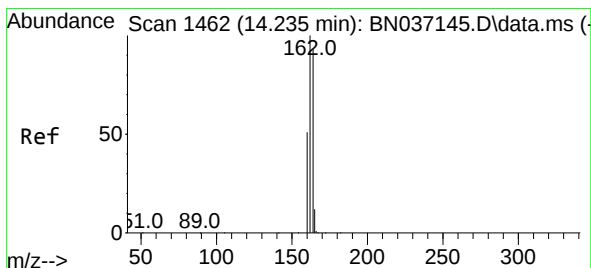
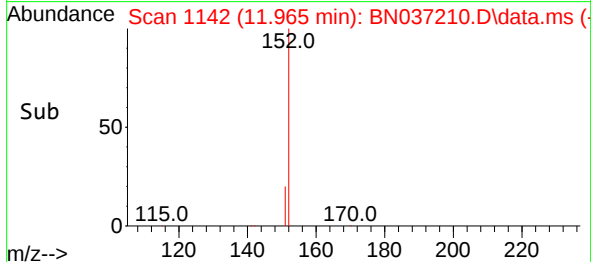
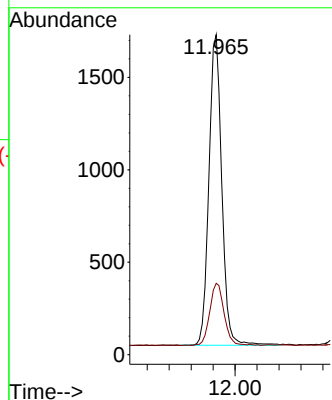
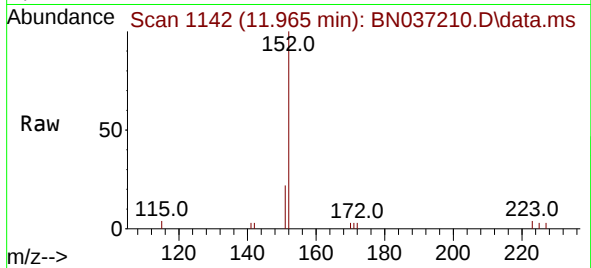




#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 11.965 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037210.D
Acq: 10 Jun 2025 02:49

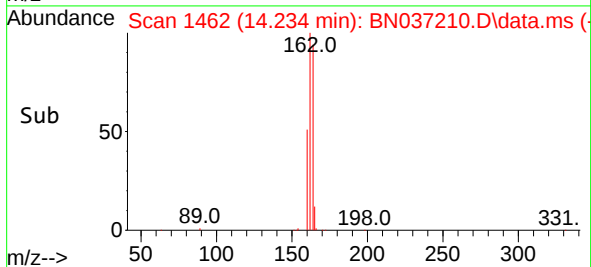
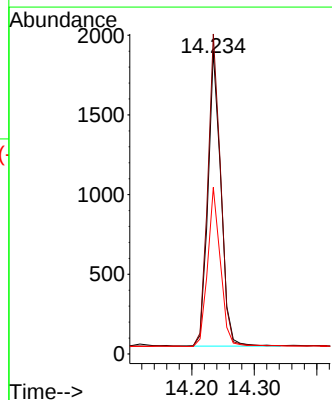
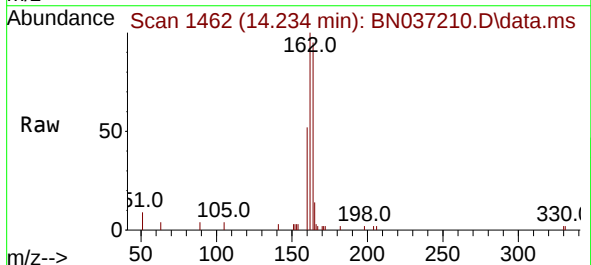
Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-060525

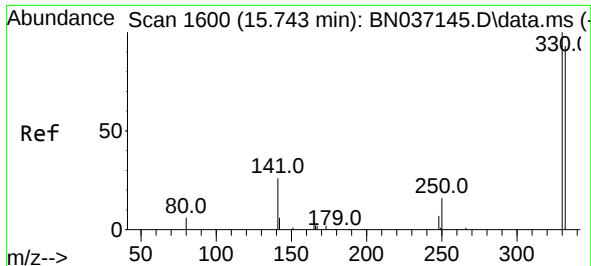
Tgt Ion:152 Resp: 2730
Ion Ratio Lower Upper
152 100
151 22.2 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.234 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037210.D
Acq: 10 Jun 2025 02:49

Tgt Ion:164 Resp: 2655
Ion Ratio Lower Upper
164 100
162 105.8 85.5 128.3
160 55.1 44.6 67.0

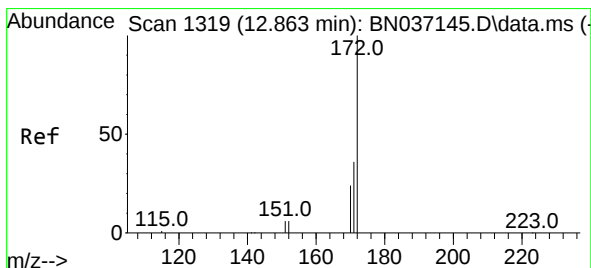
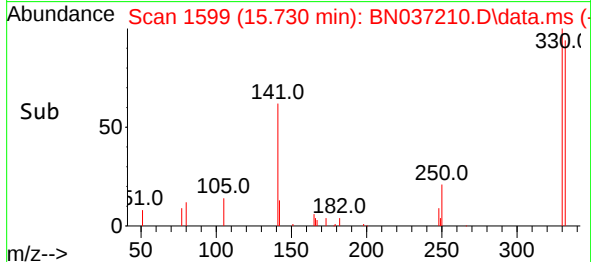
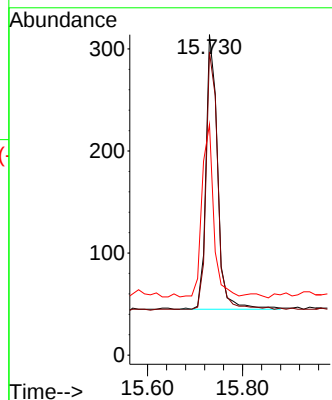
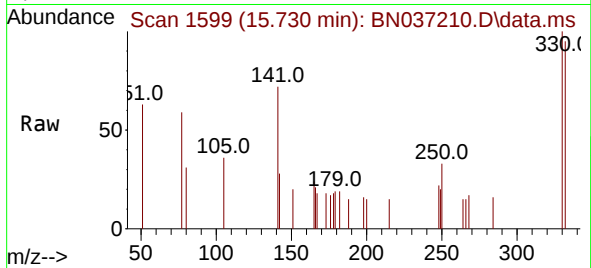




#14
2,4,6-Tribromophenol
Concen: 0.430 ng
RT: 15.730 min Scan# 1599
Delta R.T. -0.013 min
Lab File: BN037210.D
Acq: 10 Jun 2025 02:49

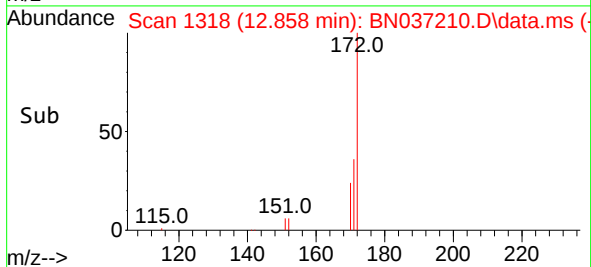
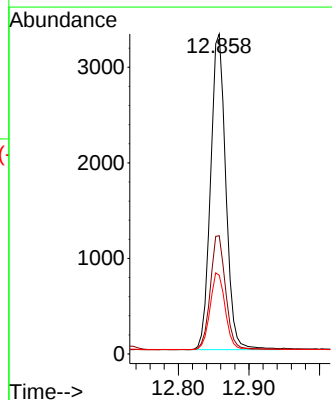
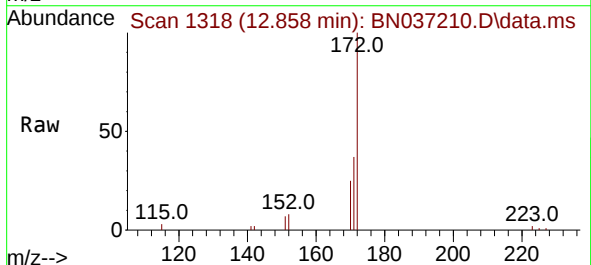
Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-060525

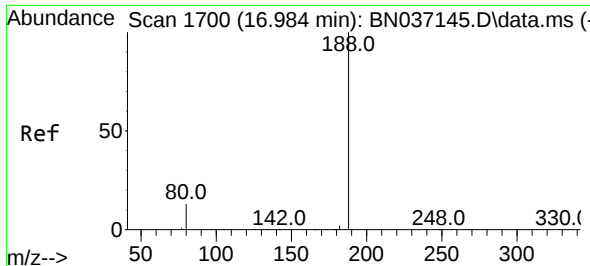
Tgt Ion:330 Resp: 460
Ion Ratio Lower Upper
330 100
332 93.7 77.1 115.7
141 63.3 46.4 69.6



#15
2-Fluorobiphenyl
Concen: 0.438 ng
RT: 12.858 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN037210.D
Acq: 10 Jun 2025 02:49

Tgt Ion:172 Resp: 4957
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.6 20.3 30.5

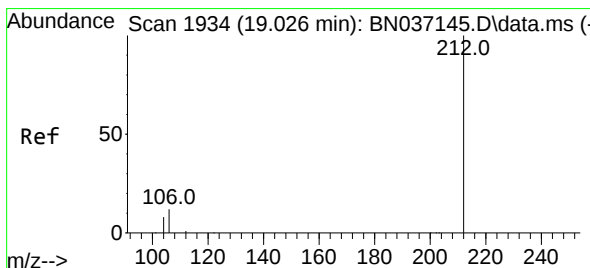
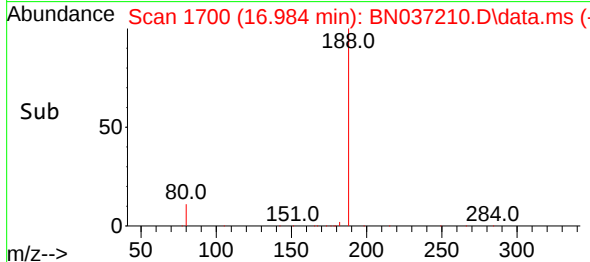
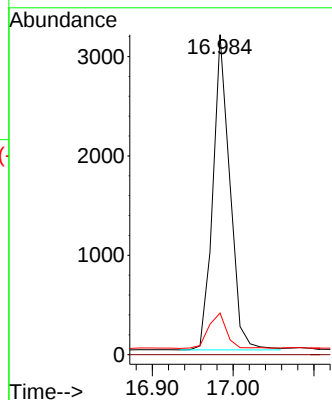
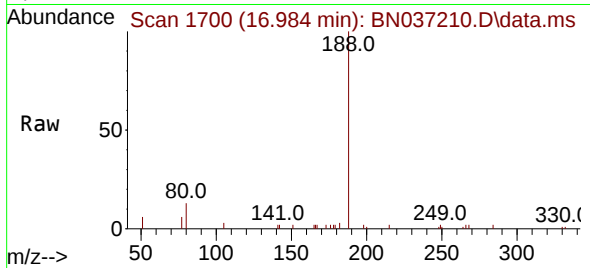




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037210.D
Acq: 10 Jun 2025 02:49

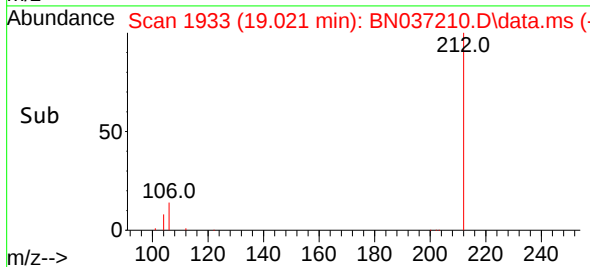
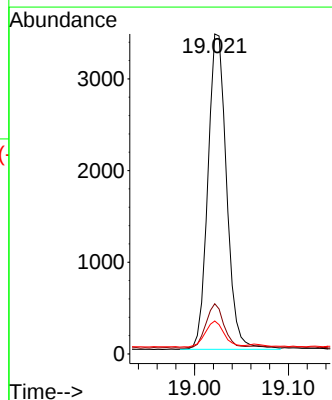
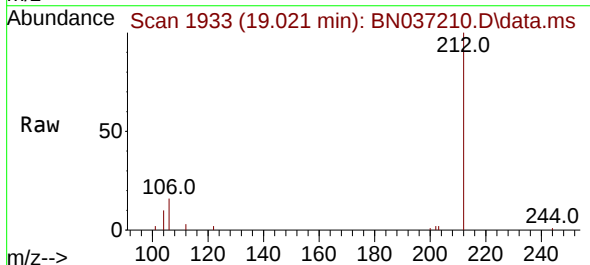
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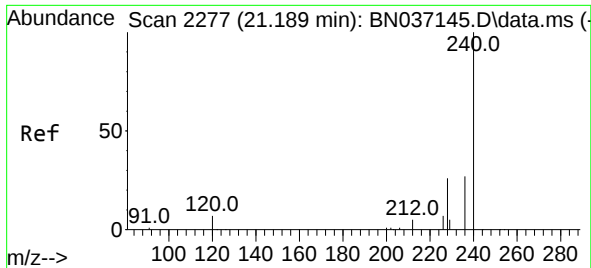
Tgt Ion:188 Resp: 4633
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 11.3 16.9



#27
Fluoranthene-d10
Concen: 0.404 ng
RT: 19.021 min Scan# 1933
Delta R.T. -0.005 min
Lab File: BN037210.D
Acq: 10 Jun 2025 02:49

Tgt Ion:212 Resp: 4756
Ion Ratio Lower Upper
212 100
106 13.6 10.6 15.8
104 8.3 6.6 9.8

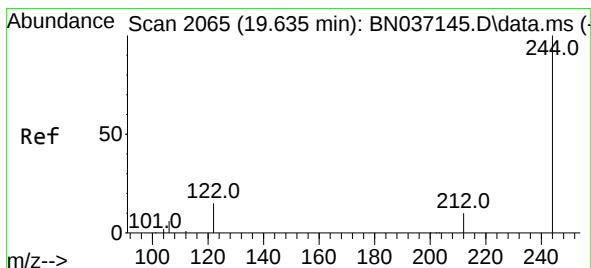
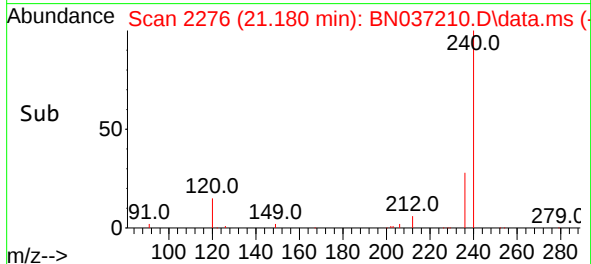
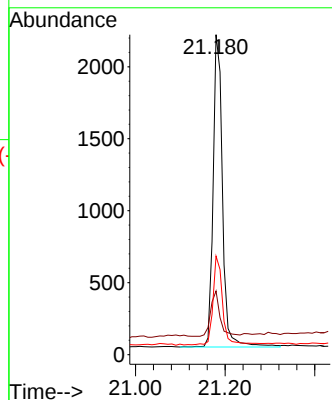
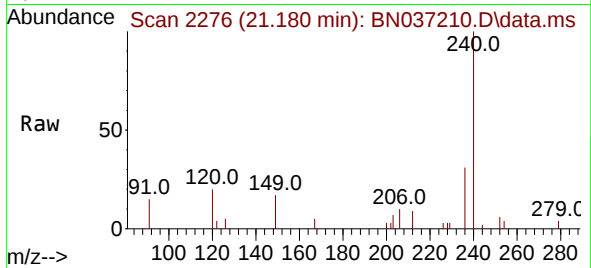




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037210.D
Acq: 10 Jun 2025 02:49

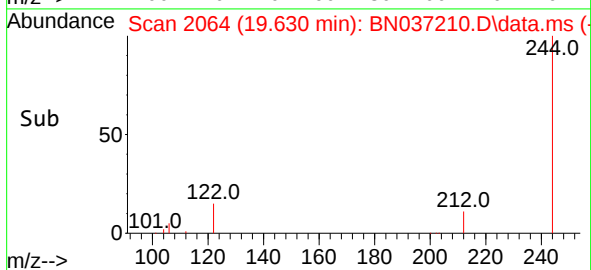
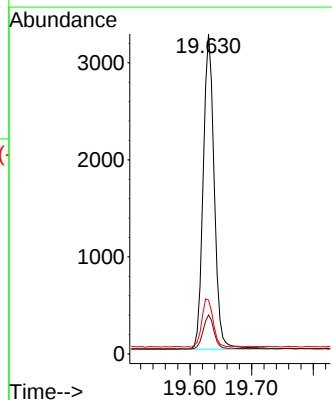
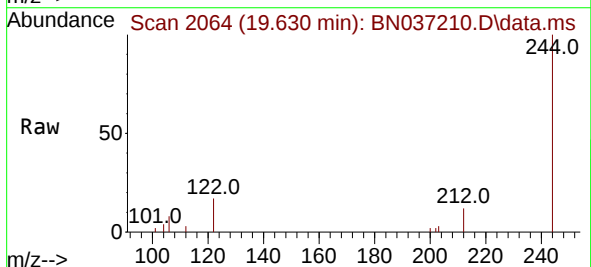
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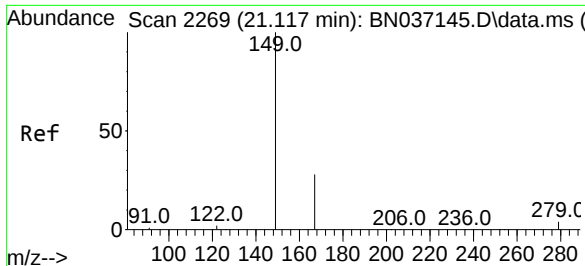
Tgt Ion:240 Resp: 3167
Ion Ratio Lower Upper
240 100
120 19.9 9.0 13.4#
236 30.8 23.0 34.4



#31
Terphenyl-d14
Concen: 0.542 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037210.D
Acq: 10 Jun 2025 02:49

Tgt Ion:244 Resp: 4038
Ion Ratio Lower Upper
244 100
212 12.2 10.0 15.0
122 16.8 13.2 19.8

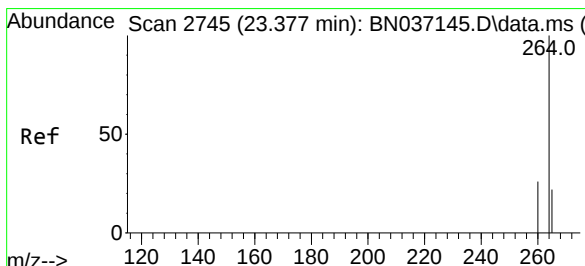
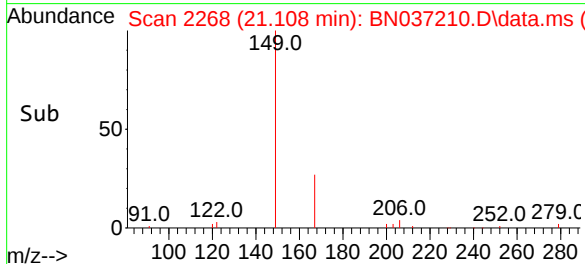
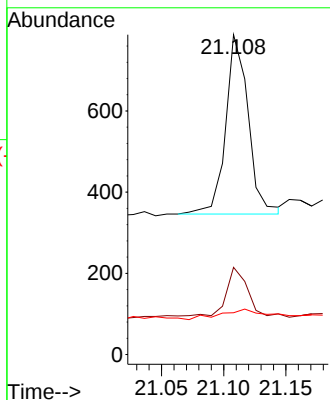
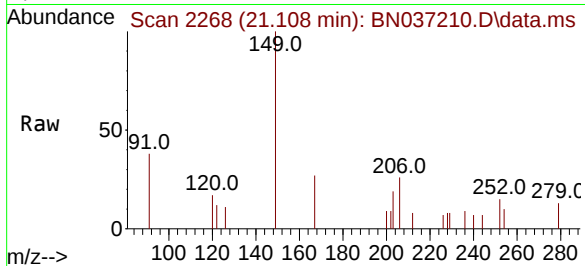




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.077 ng
 RT: 21.108 min Scan# 2110
 Delta R.T. -0.009 min
 Lab File: BN037210.D
 Acq: 10 Jun 2025 02:49

Instrument :
 BNA_N
 ClientSampleId :
 MW-06-6.5-060525

Tgt Ion:149 Resp: 558
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.0 31.4
 279 13.4 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.374 min Scan# 2744
 Delta R.T. -0.003 min
 Lab File: BN037210.D
 Acq: 10 Jun 2025 02:49

Tgt Ion:264 Resp: 3104
 Ion Ratio Lower Upper
 264 100
 260 27.7 22.1 33.1
 265 79.0 55.8 83.8

