

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071025\
 Data File : BN037454.D
 Acq On : 10 Jul 2025 12:36
 Operator : RC/JU
 Sample : PB168695BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168695BL

Quant Time: Jul 10 12:57:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 10 00:48:38 2025
 Response via : Initial Calibration

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

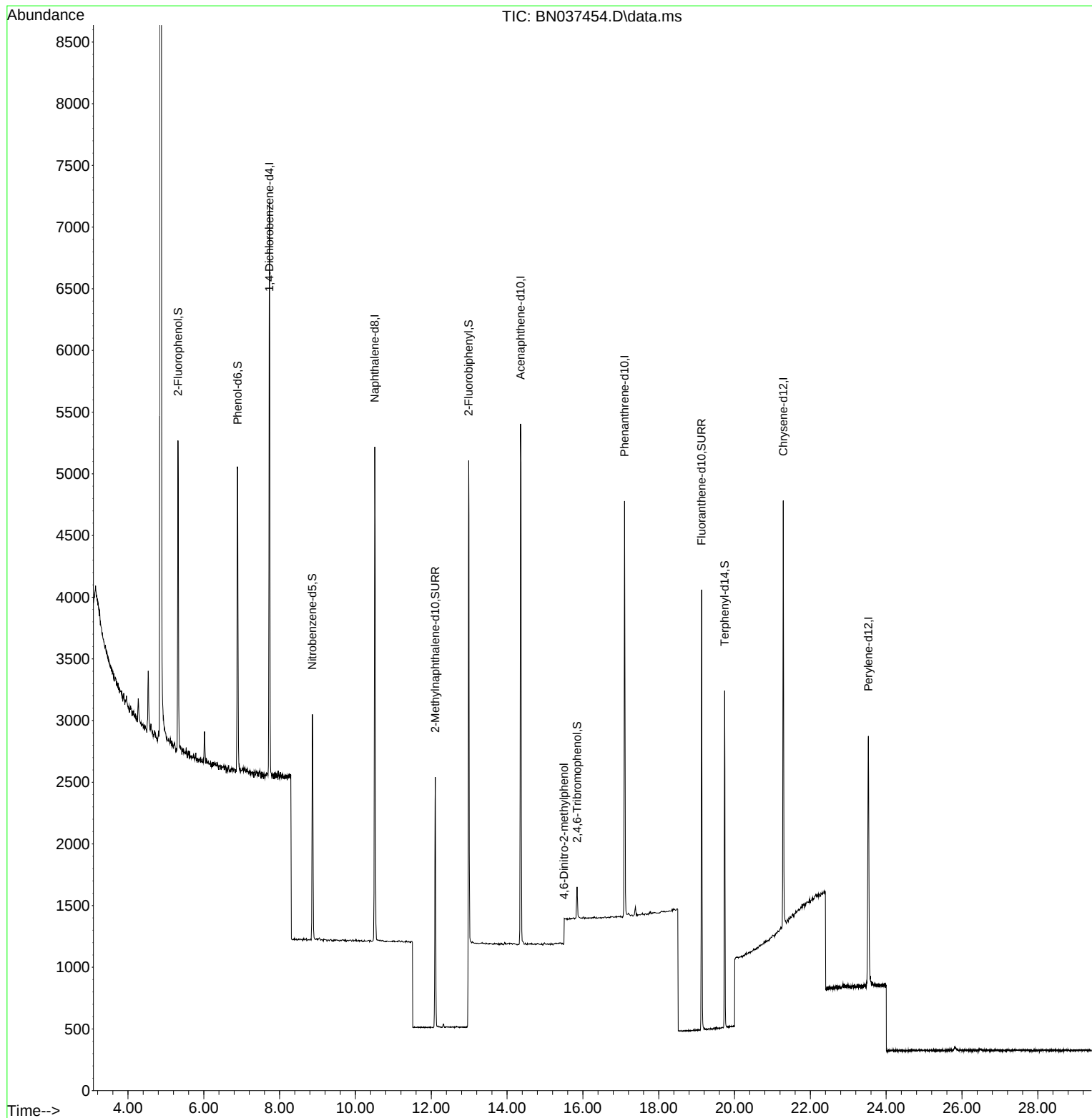
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	2145	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5369	0.400	ng	-0.01
13) Acenaphthene-d10	14.355	164	2526	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	4321	0.400	ng	#-0.01
29) Chrysene-d12	21.286	240	3018	0.400	ng	# 0.00
35) Perylene-d12	23.531	264	2802	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	1896	0.328	ng	0.00
5) Phenol-d6	6.894	99	2310	0.325	ng	0.00
8) Nitrobenzene-d5	8.865	82	1400	0.387	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	2647	0.353	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	162	0.157	ng	-0.01
15) 2-Fluorobiphenyl	12.988	172	5552	0.399	ng	-0.01
27) Fluoranthene-d10	19.132	212	3755	0.338	ng	0.00
31) Terphenyl-d14	19.740	244	2578	0.406	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.499	198	9	0.026	ng	# 77

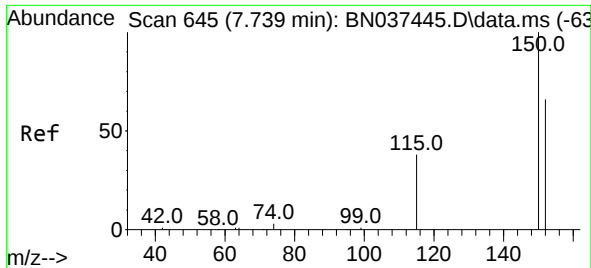
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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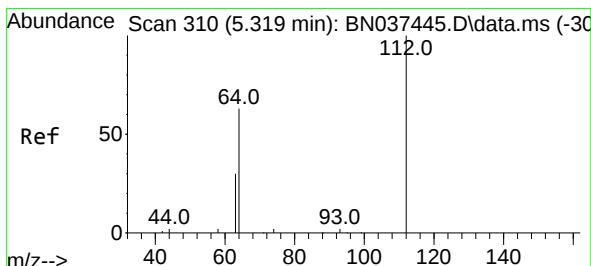
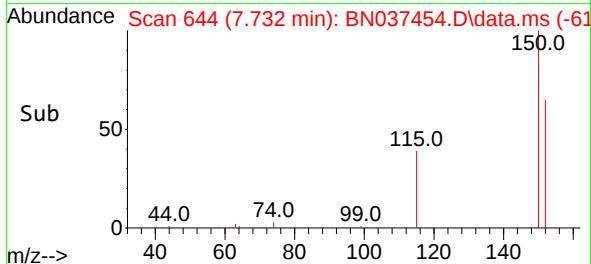
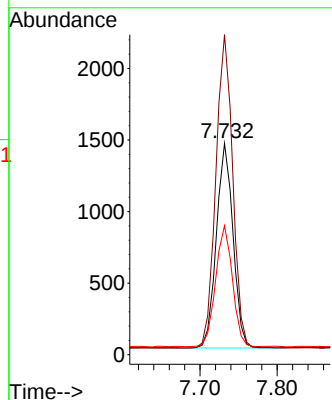
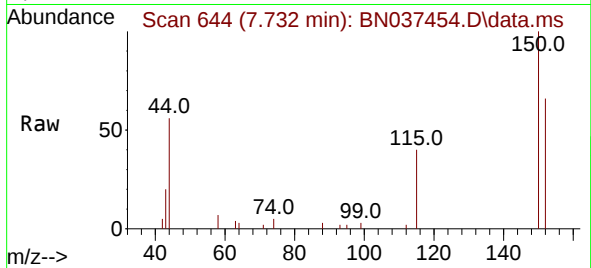




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.732 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN037454.D
 Acq: 10 Jul 2025 12:36

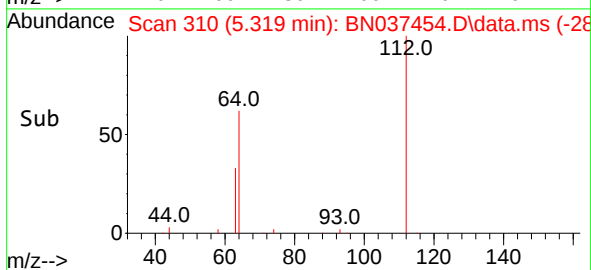
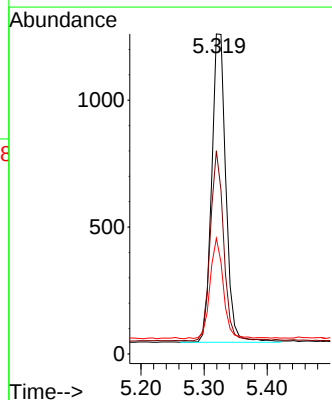
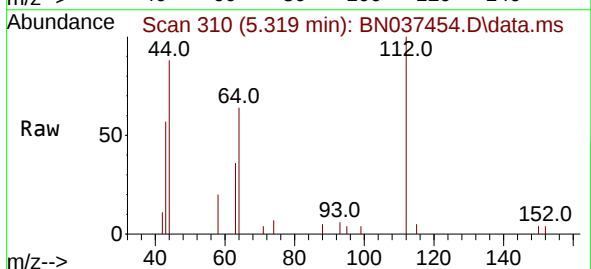
Instrument :
 BNA_N
 ClientSampleId :
 PB168695BL

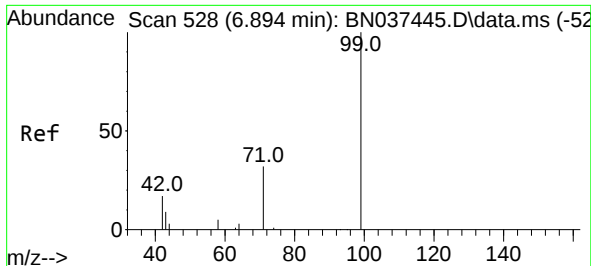
Tgt Ion:152 Resp: 2145
 Ion Ratio Lower Upper
 152 100
 150 151.4 124.6 186.8
 115 61.0 50.4 75.6



#4
 2-Fluorophenol
 Concen: 0.328 ng
 RT: 5.319 min Scan# 310
 Delta R.T. -0.007 min
 Lab File: BN037454.D
 Acq: 10 Jul 2025 12:36

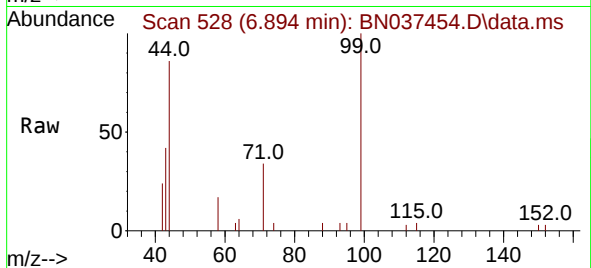
Tgt Ion:112 Resp: 1896
 Ion Ratio Lower Upper
 112 100
 64 58.0 49.4 74.2
 63 30.7 27.2 40.8



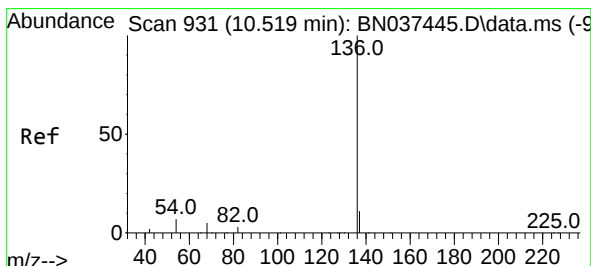
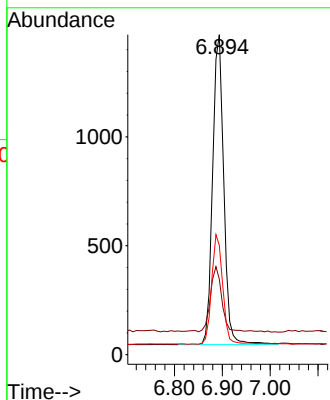
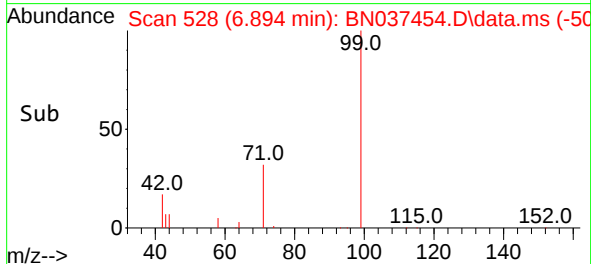


#5
Phenol-d6
Concen: 0.325 ng
RT: 6.894 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037454.D
Acq: 10 Jul 2025 12:36

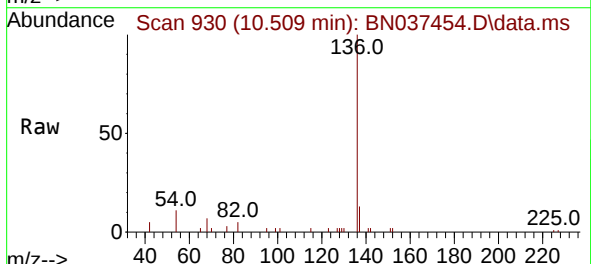
Instrument :
BNA_N
ClientSampleId :
PB168695BL



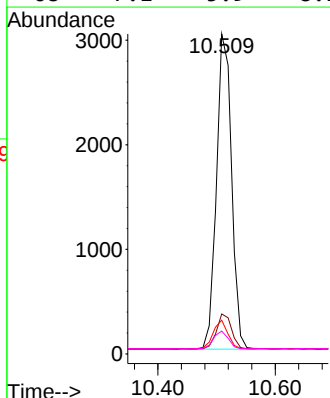
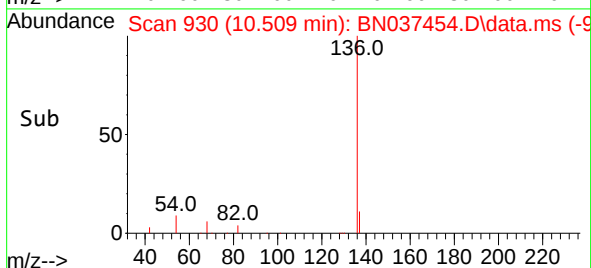
Tgt Ion: 99 Resp: 2310
Ion Ratio Lower Upper
99 100
42 21.4 22.5 33.7#
71 35.7 27.8 41.6

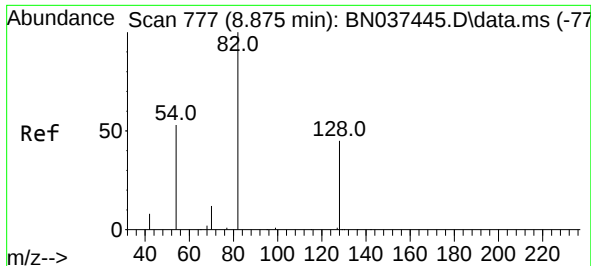


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.011 min
Lab File: BN037454.D
Acq: 10 Jul 2025 12:36



Tgt Ion: 136 Resp: 5369
Ion Ratio Lower Upper
136 100
137 12.5 9.5 14.3
54 10.6 8.8 13.2
68 7.1 5.9 8.9

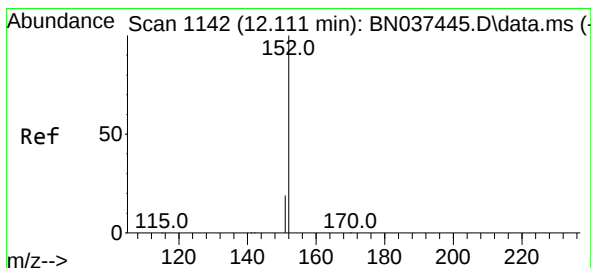
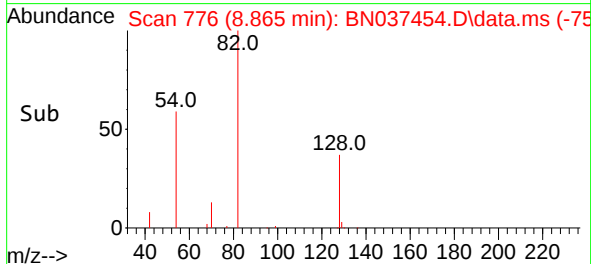
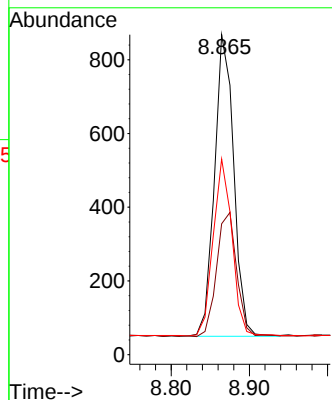
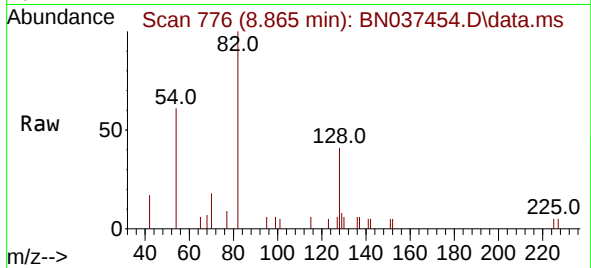




#8
 Nitrobenzene-d5
 Concen: 0.387 ng
 RT: 8.865 min Scan# 777
 Delta R.T. -0.011 min
 Lab File: BN037454.D
 Acq: 10 Jul 2025 12:36

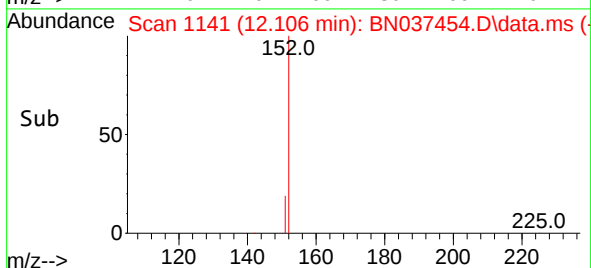
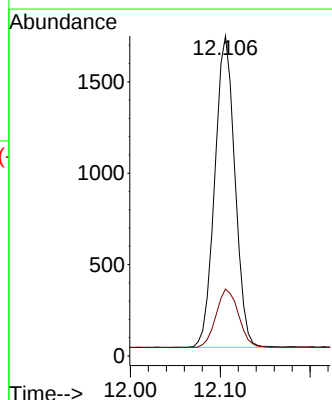
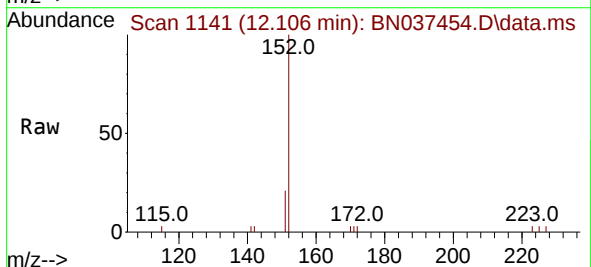
Instrument :
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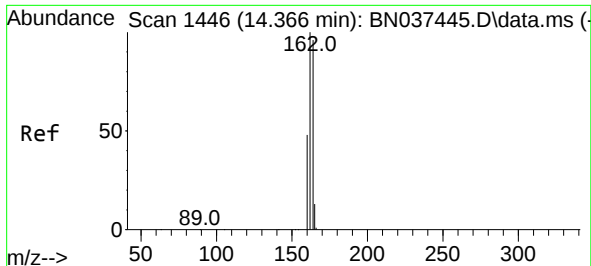
Tgt Ion: 82 Resp: 1400
 Ion Ratio Lower Upper
 82 100
 128 40.9 31.4 47.0
 54 61.2 51.3 76.9



#11
 2-Methylnaphthalene-d10
 Concen: 0.353 ng
 RT: 12.106 min Scan# 1141
 Delta R.T. -0.010 min
 Lab File: BN037454.D
 Acq: 10 Jul 2025 12:36

Tgt Ion: 152 Resp: 2647
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.7 25.1

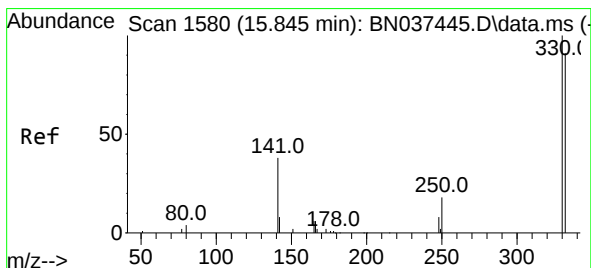
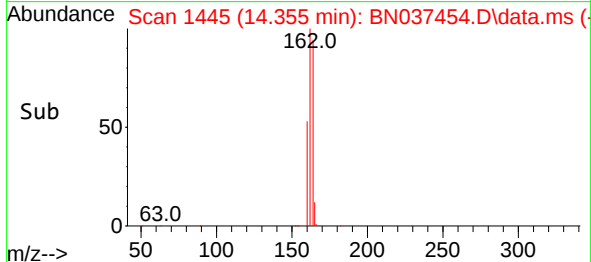
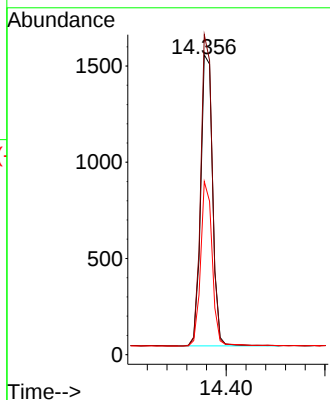
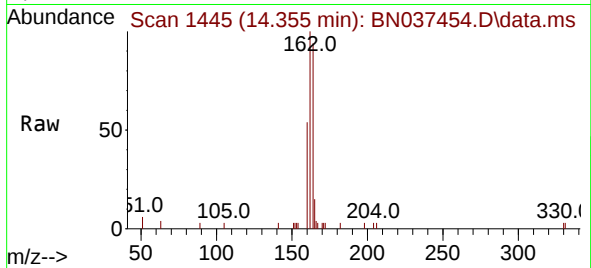




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037454.D
Acq: 10 Jul 2025 12:36

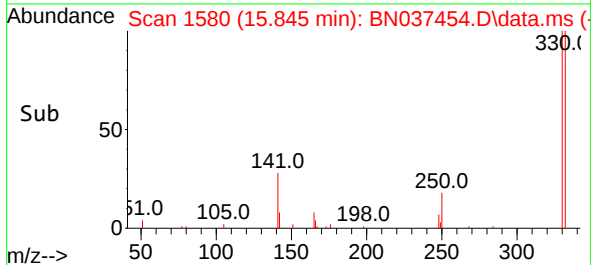
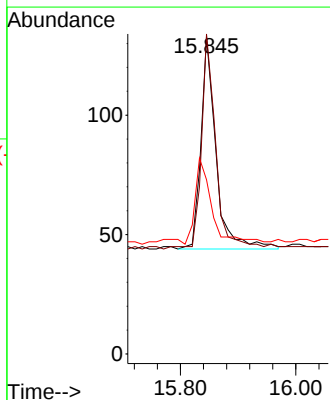
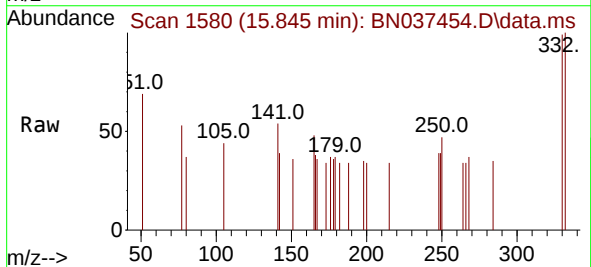
Instrument :
BNA_N
ClientSampleId :
PB168695BL

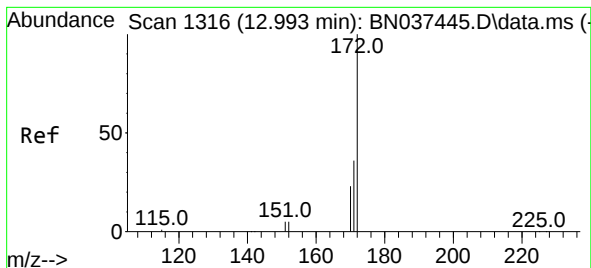
Tgt Ion:164 Resp: 2526
Ion Ratio Lower Upper
164 100
162 106.7 82.7 124.1
160 57.8 55.0 82.4



#14
2,4,6-Tribromophenol
Concen: 0.157 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BN037454.D
Acq: 10 Jul 2025 12:36

Tgt Ion:330 Resp: 162
Ion Ratio Lower Upper
330 100
332 96.9 75.3 112.9
141 42.6 38.7 58.1





#15

2-Fluorobiphenyl

Concen: 0.399 ng

RT: 12.988 min Scan# 11

Delta R.T. -0.010 min

Lab File: BN037454.D

Acq: 10 Jul 2025 12:36

Instrument :

BNA_N

ClientSampleId :

PB168695BL

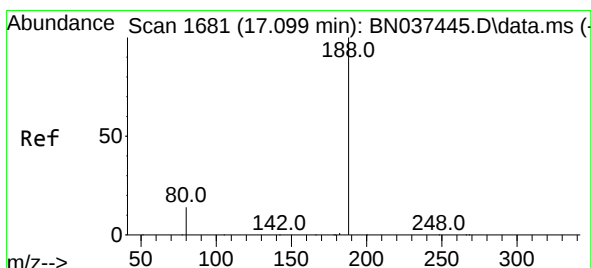
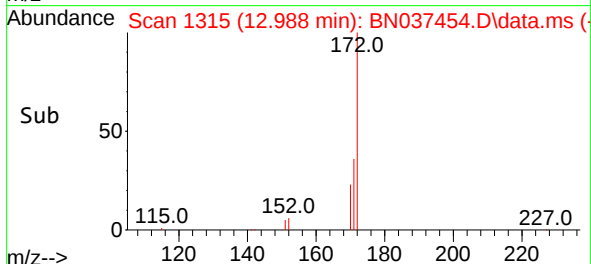
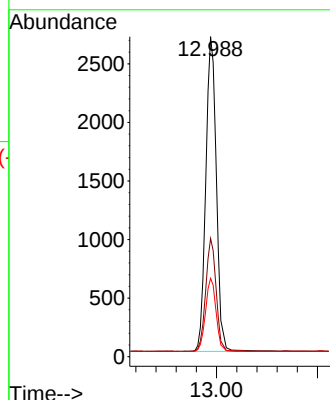
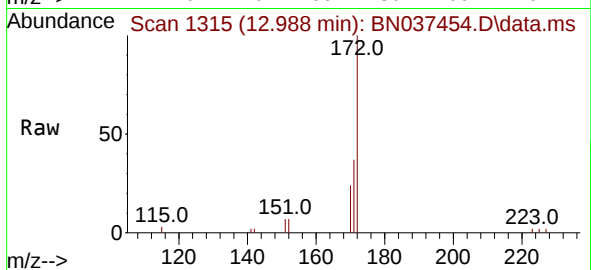
Tgt Ion:172 Resp: 5552

Ion Ratio Lower Upper

172 100

171 37.0 28.4 42.6

170 24.5 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.099 min Scan# 1681

Delta R.T. -0.012 min

Lab File: BN037454.D

Acq: 10 Jul 2025 12:36

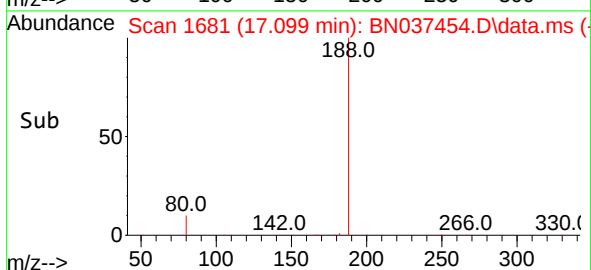
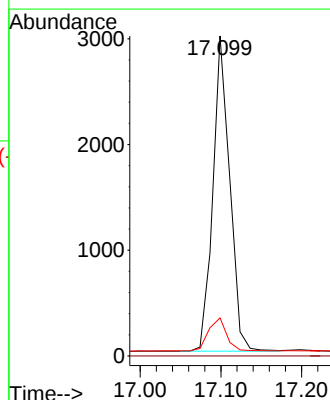
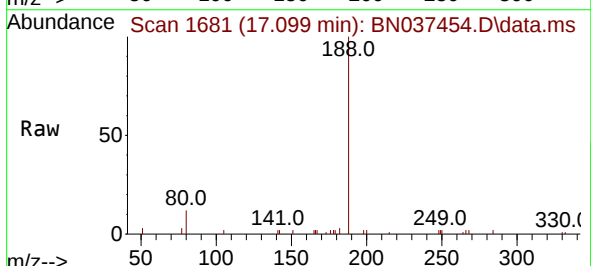
Tgt Ion:188 Resp: 4321

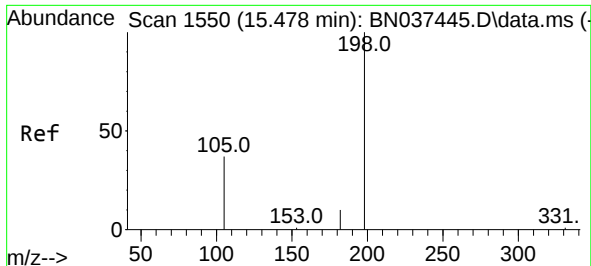
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 7.8 11.6#

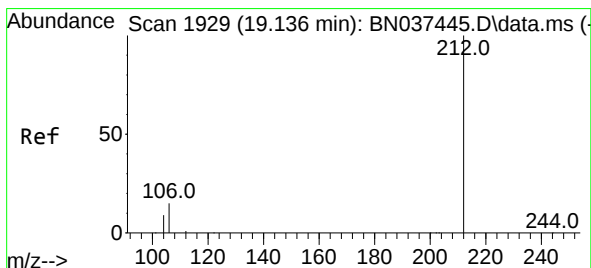
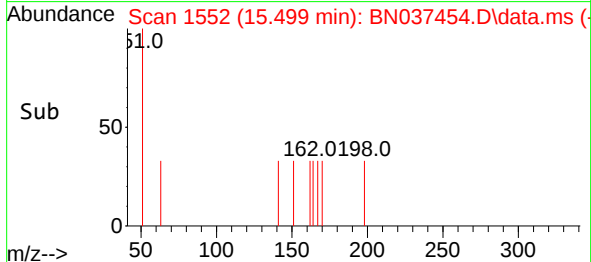
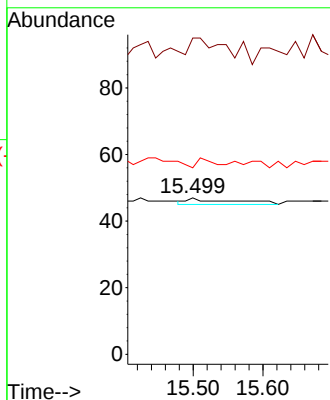
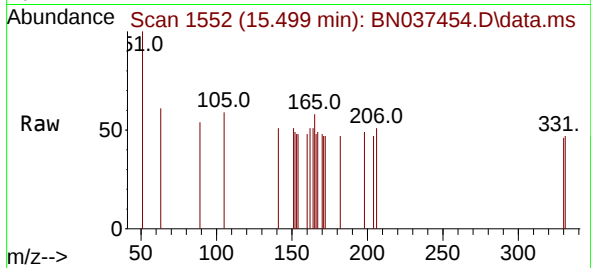




#20
4,6-Dinitro-2-methylphenol
Concen: 0.026 ng
RT: 15.499 min Scan# 11
Delta R.T. 0.021 min
Lab File: BN037454.D
Acq: 10 Jul 2025 12:36

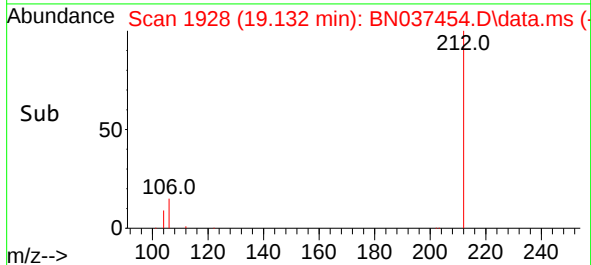
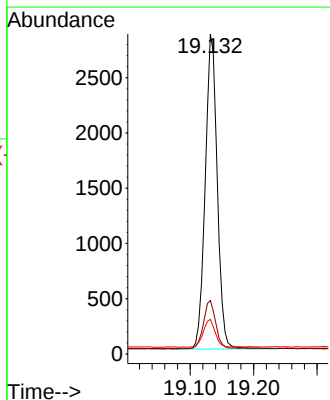
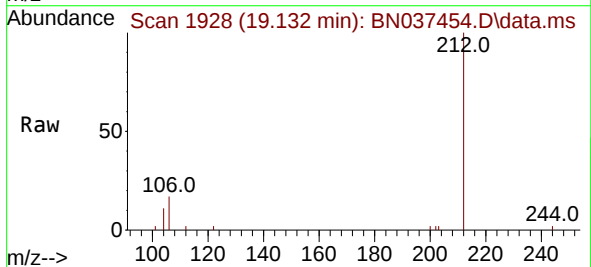
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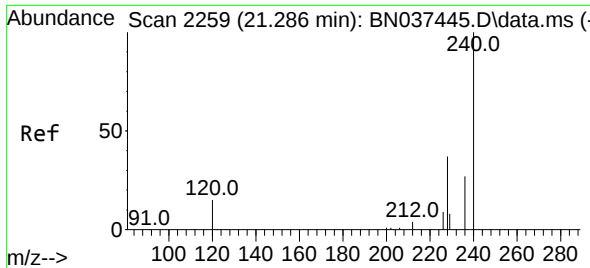
Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
51 202.1 145.5 218.3
105 119.1 64.2 96.4#



#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.132 min Scan# 1928
Delta R.T. -0.009 min
Lab File: BN037454.D
Acq: 10 Jul 2025 12:36

Tgt Ion:212 Resp: 3755
Ion Ratio Lower Upper
212 100
106 15.4 13.4 20.0
104 8.8 7.8 11.6

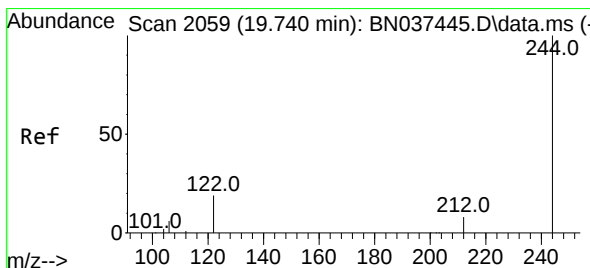
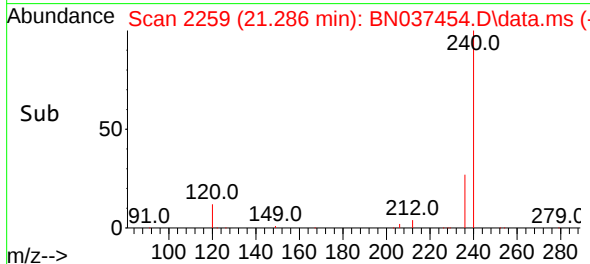
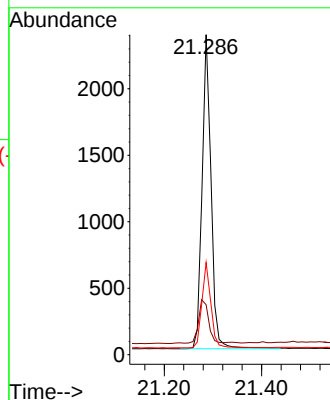
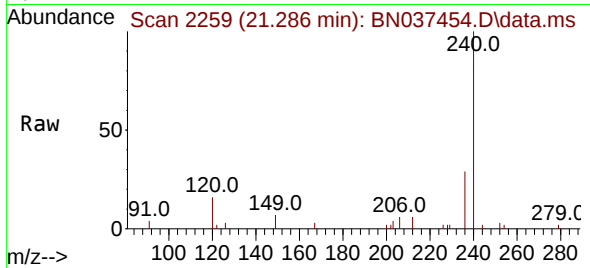




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037454.D
Acq: 10 Jul 2025 12:36

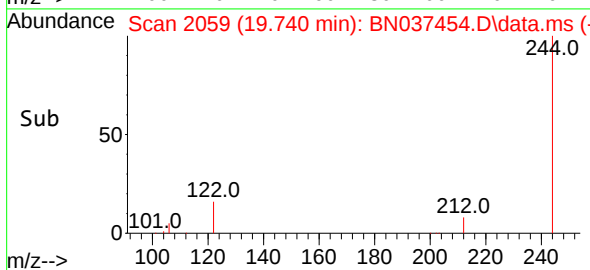
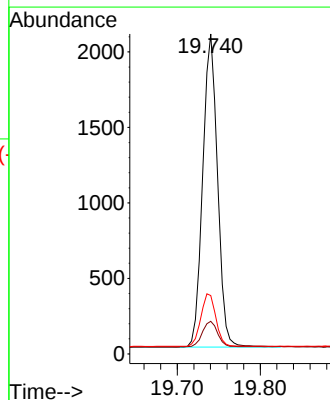
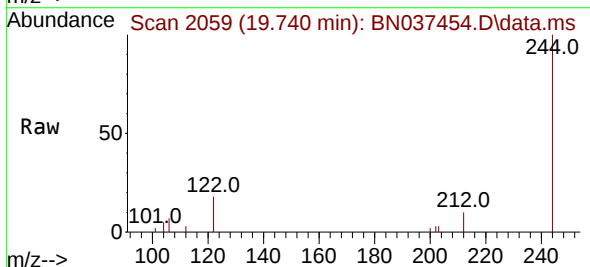
Instrument :
BNA_N
ClientSampleId :
PB168695BL

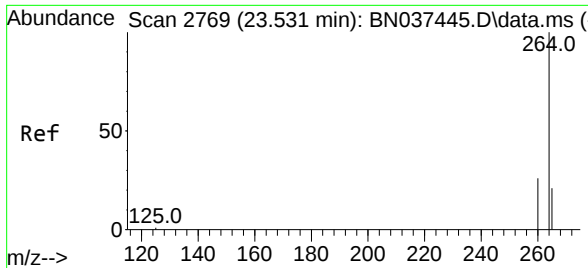
Tgt Ion:240 Resp: 3018
Ion Ratio Lower Upper
240 100
120 15.6 16.4 24.6#
236 28.8 23.3 34.9



#31
Terphenyl-d14
Concen: 0.406 ng
RT: 19.740 min Scan# 2059
Delta R.T. -0.009 min
Lab File: BN037454.D
Acq: 10 Jul 2025 12:36

Tgt Ion:244 Resp: 2578
Ion Ratio Lower Upper
244 100
212 10.2 9.0 13.4
122 18.2 15.0 22.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.531 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BN037454.D
 Acq: 10 Jul 2025 12:36

Instrument :
 BNA_N
 ClientSampleId :
 PB168695BL

Tgt Ion:	264	Resp:	2802
Ion Ratio	Lower	Upper	
264	100		
260	28.6	22.1	33.1
265	50.7	30.1	45.1#

