

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037058.D
 Acq On : 19 May 2025 23:30
 Operator : RC/JU
 Sample : PB168032BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168032BL

Quant Time: May 20 01:14:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1942	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4874	0.400	ng	#-0.01
13) Acenaphthene-d10	14.267	164	2777	0.400	ng	0.00
19) Phenanthrene-d10	17.009	188	5502	0.400	ng	0.00
29) Chrysene-d12	21.206	240	3937	0.400	ng	0.00
35) Perylene-d12	23.409	264	3356	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	1778	0.349	ng	0.00
5) Phenol-d6	6.795	99	2013	0.316	ng	0.00
8) Nitrobenzene-d5	8.771	82	1706	0.321	ng	0.00
11) 2-Methylnaphthalene-d10	11.996	152	2376	0.346	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	307	0.252	ng	0.00
15) 2-Fluorobiphenyl	12.888	172	4394	0.346	ng	0.00
27) Fluoranthene-d10	19.049	212	5152	0.341	ng	0.00
31) Terphenyl-d14	19.653	244	3595	0.427	ng	0.00

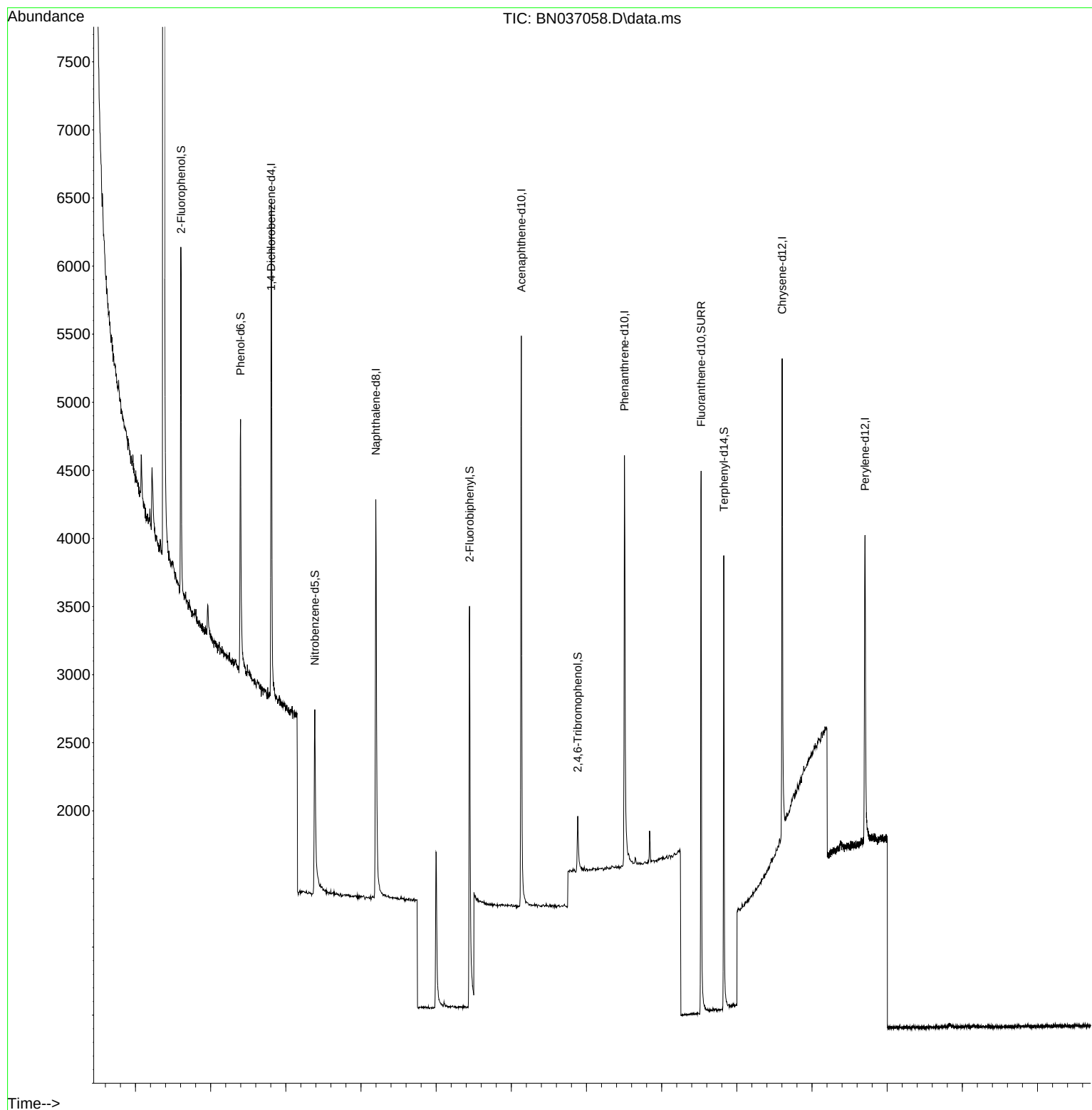
Target Compounds	Qvalue

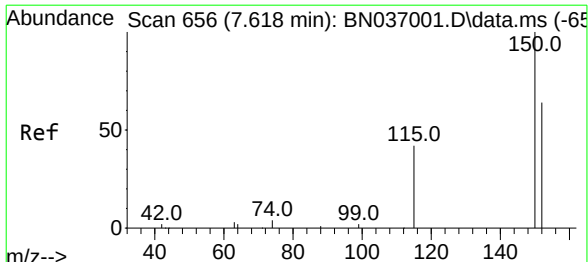
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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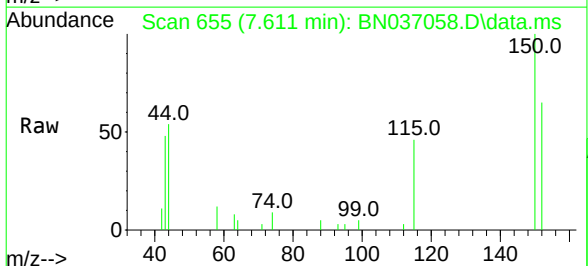
Quant Time: May 20 01:14:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
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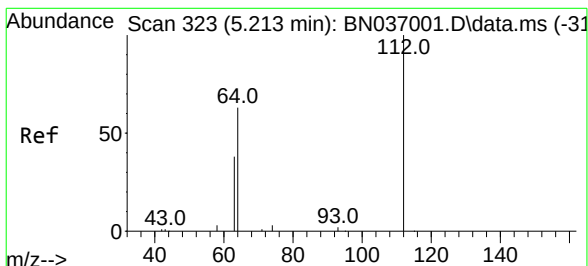
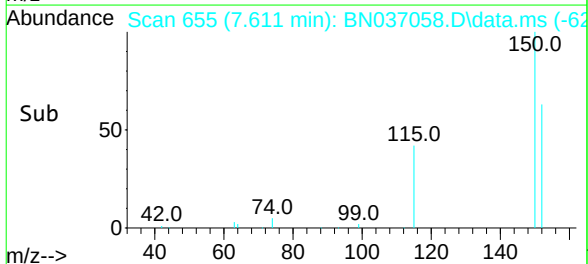
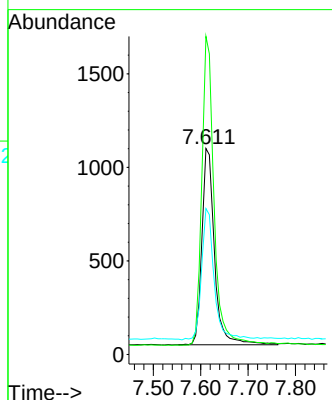


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 65
 Delta R.T. -0.007 min
 Lab File: BN037058.D
 Acq: 19 May 2025 23:30

Instrument :
 BNA_N
 ClientSampleId :
 PB168032BL

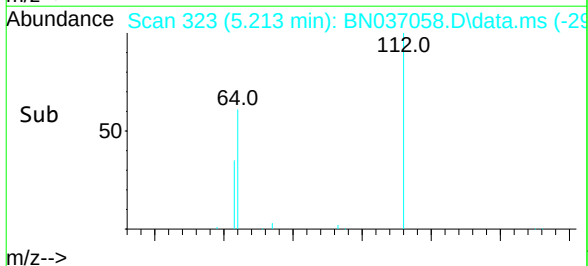
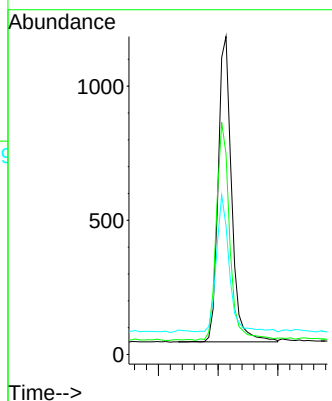
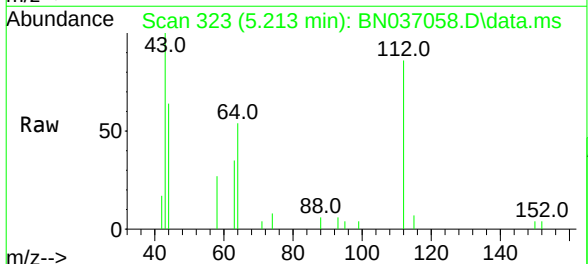


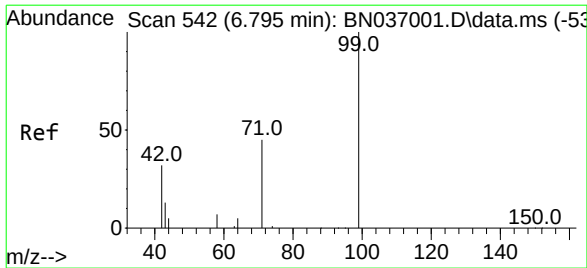
Tgt Ion:	152	Resp:	1942
Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.9	185.9
115	70.8	55.8	83.8



#4
 2-Fluorophenol
 Concen: 0.349 ng
 RT: 5.213 min Scan# 323
 Delta R.T. 0.000 min
 Lab File: BN037058.D
 Acq: 19 May 2025 23:30

Tgt Ion:	112	Resp:	1778
Ion	Ratio	Lower	Upper
112	100		
64	70.7	55.7	83.5
63	42.8	34.6	51.8





#5

Phenol-d6

Concen: 0.316 ng

RT: 6.795 min Scan# 54

Delta R.T. -0.000 min

Lab File: BN037058.D

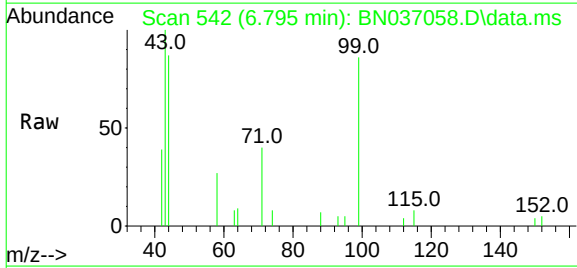
Acq: 19 May 2025 23:30

Instrument :

BNA_N

ClientSampleId :

PB168032BL



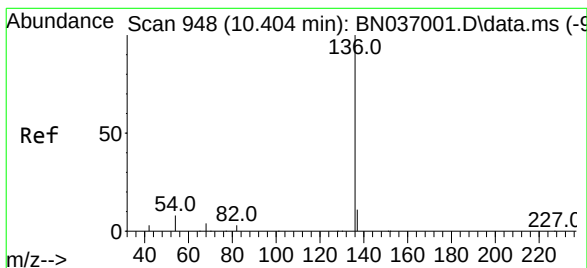
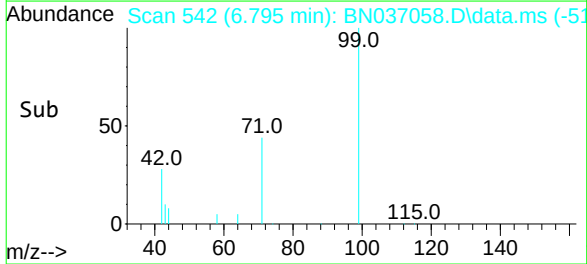
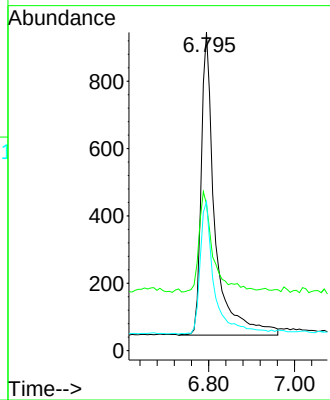
Tgt Ion: 99 Resp: 2013

Ion Ratio Lower Upper

99 100

42 33.0 29.3 43.9

71 44.9 35.7 53.5



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.394 min Scan# 947

Delta R.T. -0.011 min

Lab File: BN037058.D

Acq: 19 May 2025 23:30

Tgt Ion: 136 Resp: 4874

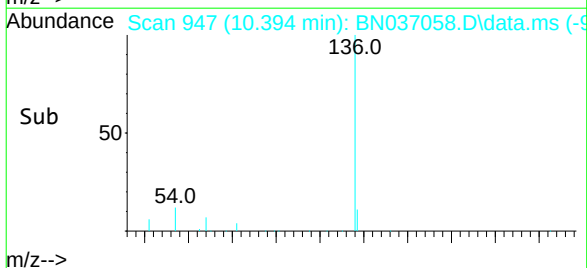
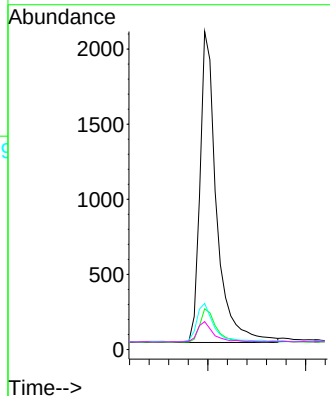
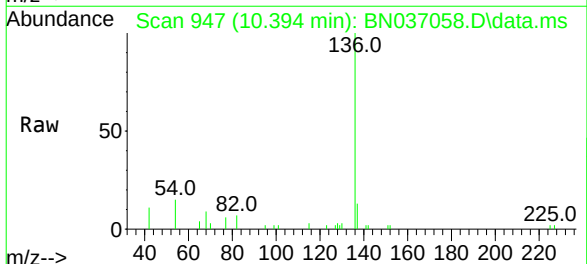
Ion Ratio Lower Upper

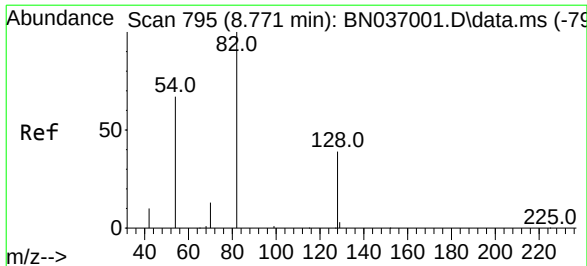
136 100

137 12.8 10.4 15.6

54 14.5 8.5 12.7#

68 8.8 5.1 7.7#

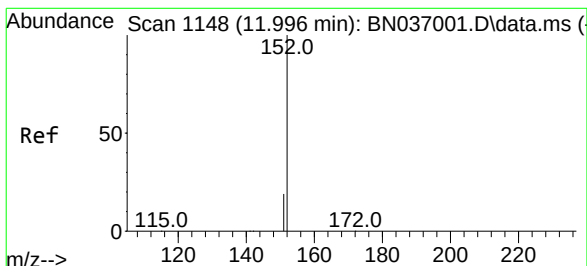
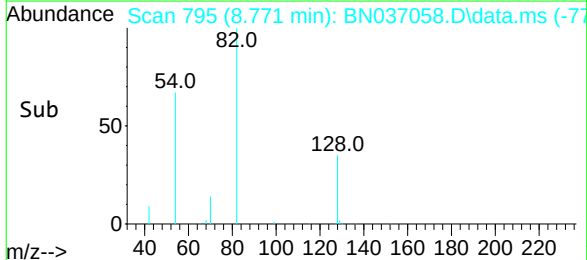
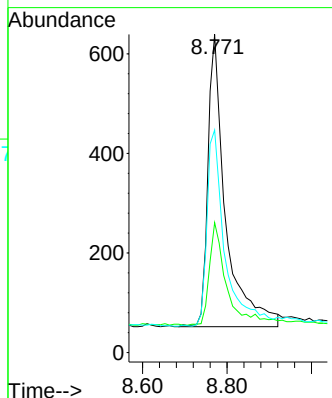
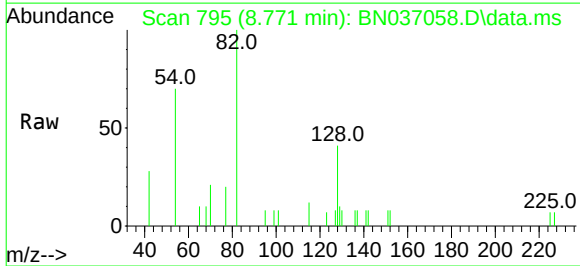




#8
 Nitrobenzene-d5
 Concen: 0.321 ng
 RT: 8.771 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BN037058.D
 Acq: 19 May 2025 23:30

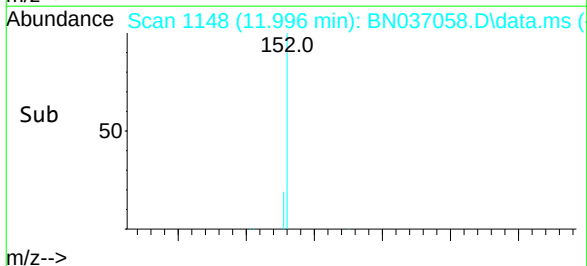
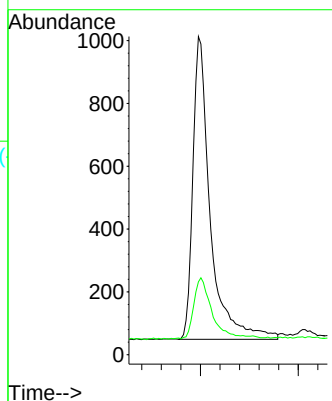
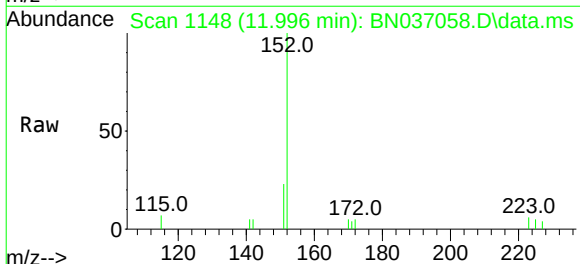
Instrument :
 BNA_N
 ClientSampleId :
 PB168032BL

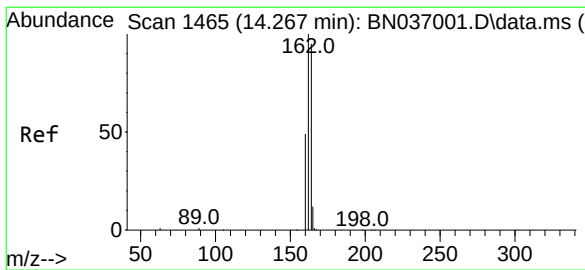
Tgt Ion:	82	Resp:	1706
Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.0	51.0
54	70.0	55.0	82.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.346 ng
 RT: 11.996 min Scan# 1148
 Delta R.T. 0.000 min
 Lab File: BN037058.D
 Acq: 19 May 2025 23:30

Tgt Ion:	152	Resp:	2376
Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.5	26.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.267 min Scan# 14

Delta R.T. 0.000 min

Lab File: BN037058.D

Acq: 19 May 2025 23:30

Instrument :

BNA_N

ClientSampleId :

PB168032BL

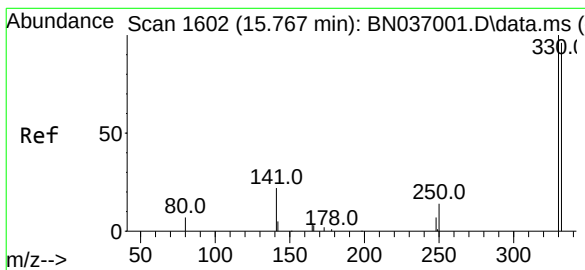
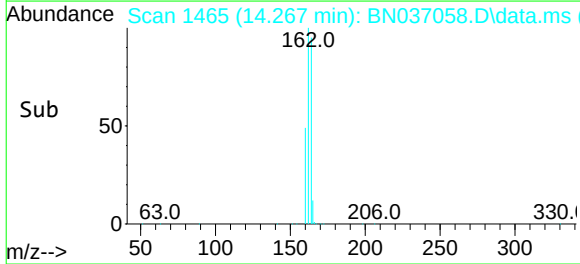
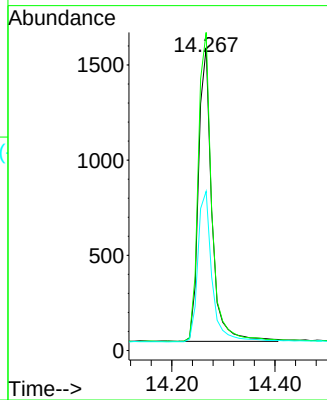
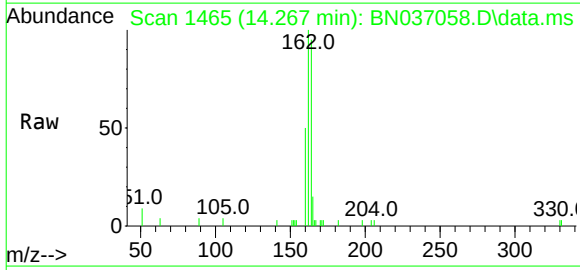
Tgt Ion:164 Resp: 2777

Ion Ratio Lower Upper

164 100

162 105.1 84.2 126.4

160 52.6 42.6 63.8



#14

2,4,6-Tribromophenol

Concen: 0.252 ng

RT: 15.767 min Scan# 1602

Delta R.T. 0.000 min

Lab File: BN037058.D

Acq: 19 May 2025 23:30

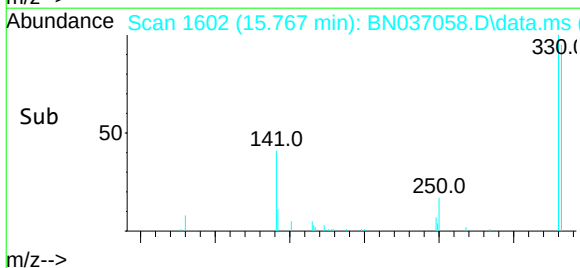
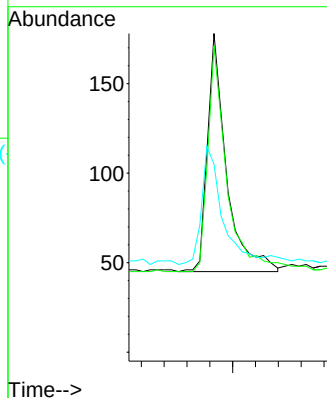
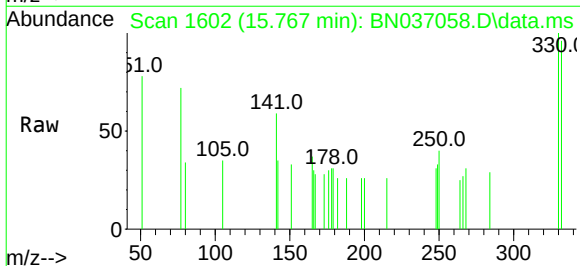
Tgt Ion:330 Resp: 307

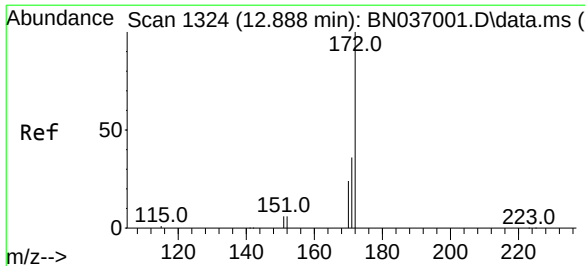
Ion Ratio Lower Upper

330 100

332 95.4 73.8 110.8

141 54.4 43.9 65.9





#15

2-Fluorobiphenyl

Concen: 0.346 ng

RT: 12.888 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BN037058.D

Acq: 19 May 2025 23:30

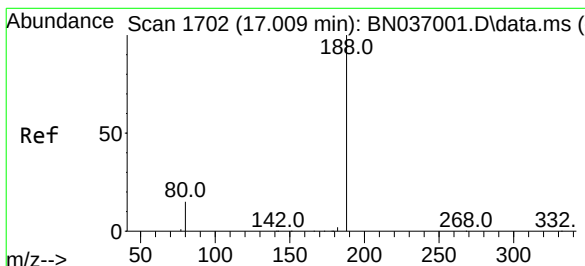
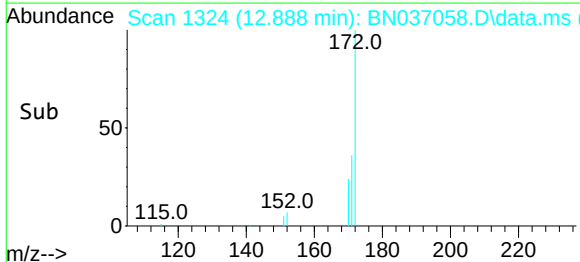
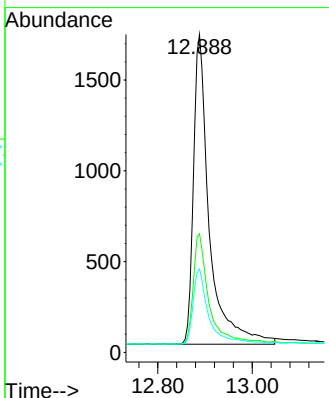
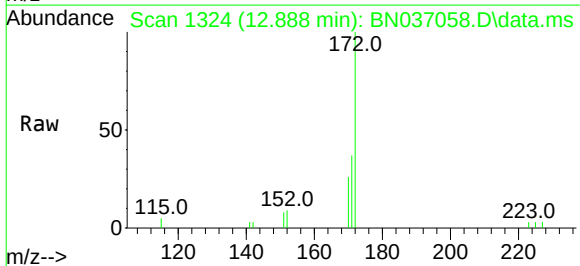
Instrument :

BNA_N

ClientSampleId :

PB168032BL

Tgt Ion:	172	Resp:	4394
Ion Ratio	Lower	Upper	
172	100		
171	37.3	29.2	43.8
170	26.3	20.5	30.7



#19

Phenanthrene-d10

Concen: 0.400 ng

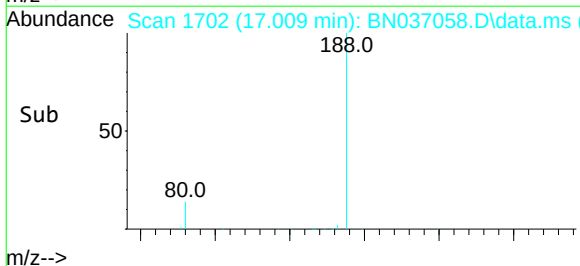
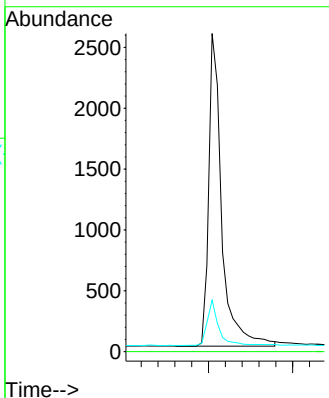
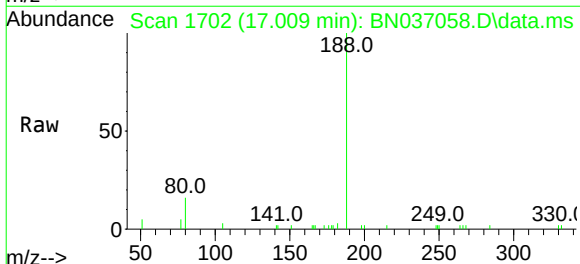
RT: 17.009 min Scan# 1702

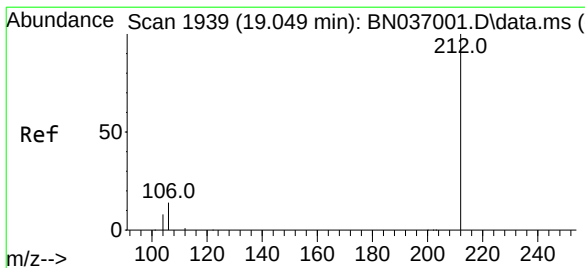
Delta R.T. 0.000 min

Lab File: BN037058.D

Acq: 19 May 2025 23:30

Tgt Ion:	188	Resp:	5502
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	16.2	13.4	20.0





#27

Fluoranthene-d10

Concen: 0.341 ng

RT: 19.049 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BN037058.D

Acq: 19 May 2025 23:30

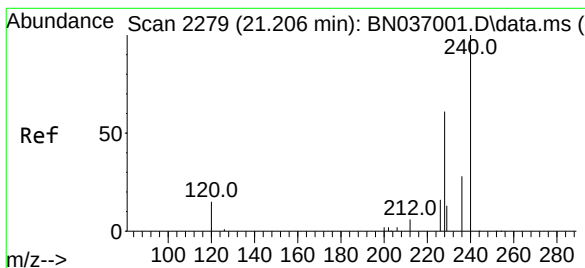
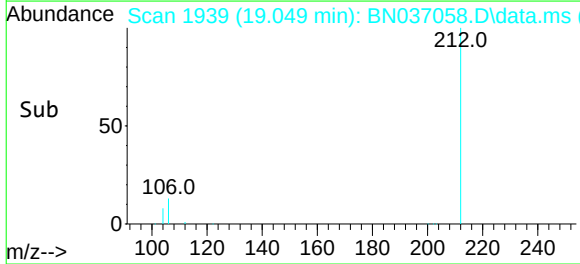
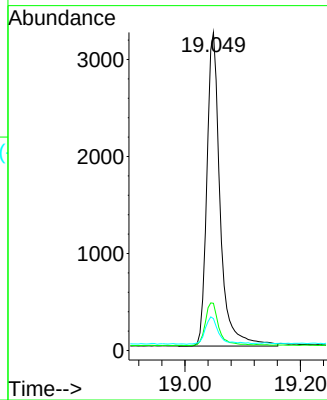
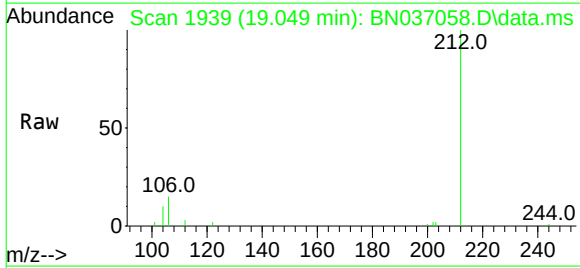
Instrument :

BNA_N

ClientSampleId :

PB168032BL

Tgt	Ion:212	Resp:	5152
Ion	Ratio	Lower	Upper
212	100		
106	14.0	11.3	16.9
104	9.0	6.7	10.1



#29

Chrysene-d12

Concen: 0.400 ng

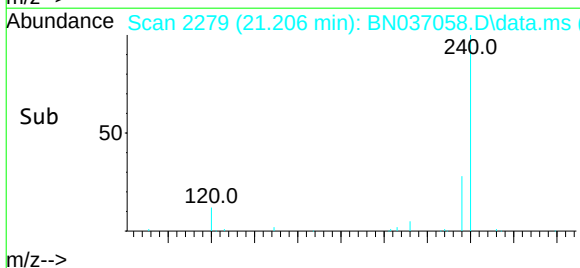
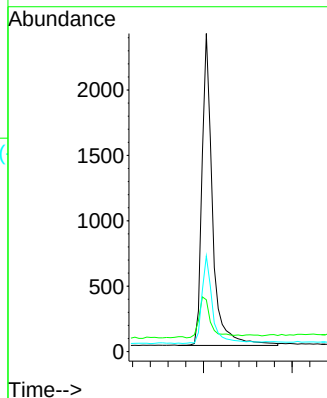
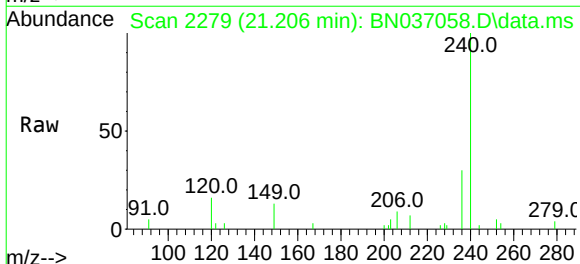
RT: 21.206 min Scan# 2279

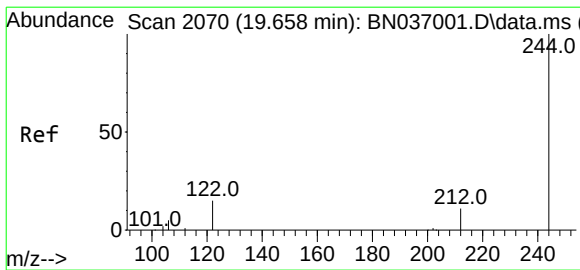
Delta R.T. 0.000 min

Lab File: BN037058.D

Acq: 19 May 2025 23:30

Tgt	Ion:240	Resp:	3937
Ion	Ratio	Lower	Upper
240	100		
120	16.3	15.1	22.7
236	30.1	24.0	36.0





#31

Terphenyl-d14

Concen: 0.427 ng

RT: 19.653 min Scan# 2070

Delta R.T. -0.005 min

Lab File: BN037058.D

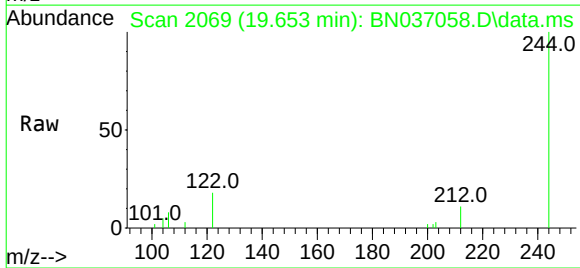
Acq: 19 May 2025 23:30

Instrument :

BNA_N

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PB168032BL



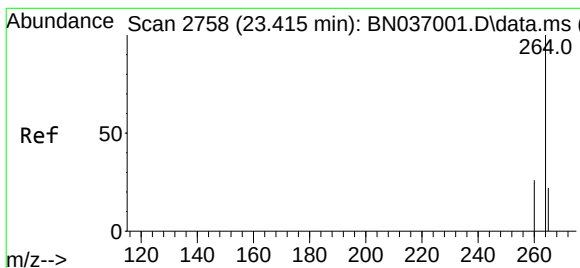
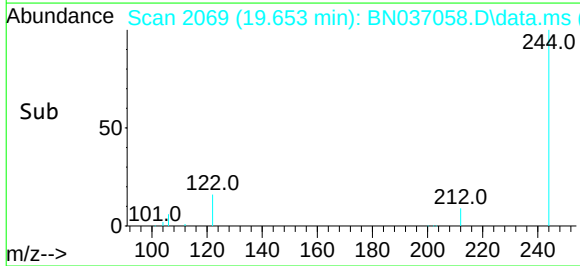
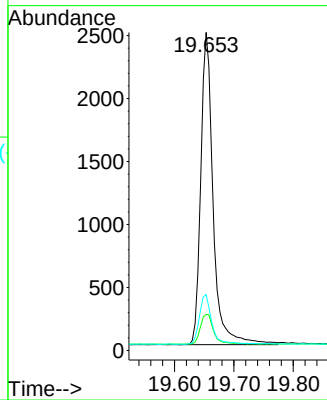
Tgt Ion:244 Resp: 3595

Ion Ratio Lower Upper

244 100

212 11.3 9.7 14.5

122 17.6 13.4 20.0



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.409 min Scan# 2756

Delta R.T. -0.006 min

Lab File: BN037058.D

Acq: 19 May 2025 23:30

Tgt Ion:264 Resp: 3356

Ion Ratio Lower Upper

264 100

260 28.6 21.9 32.9

265 80.9 51.6 77.4#

