

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037053.D
 Acq On : 19 May 2025 19:52
 Operator : RC/JU
 Sample : Q2051-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20250514

Quant Time: May 19 23:46:34 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)

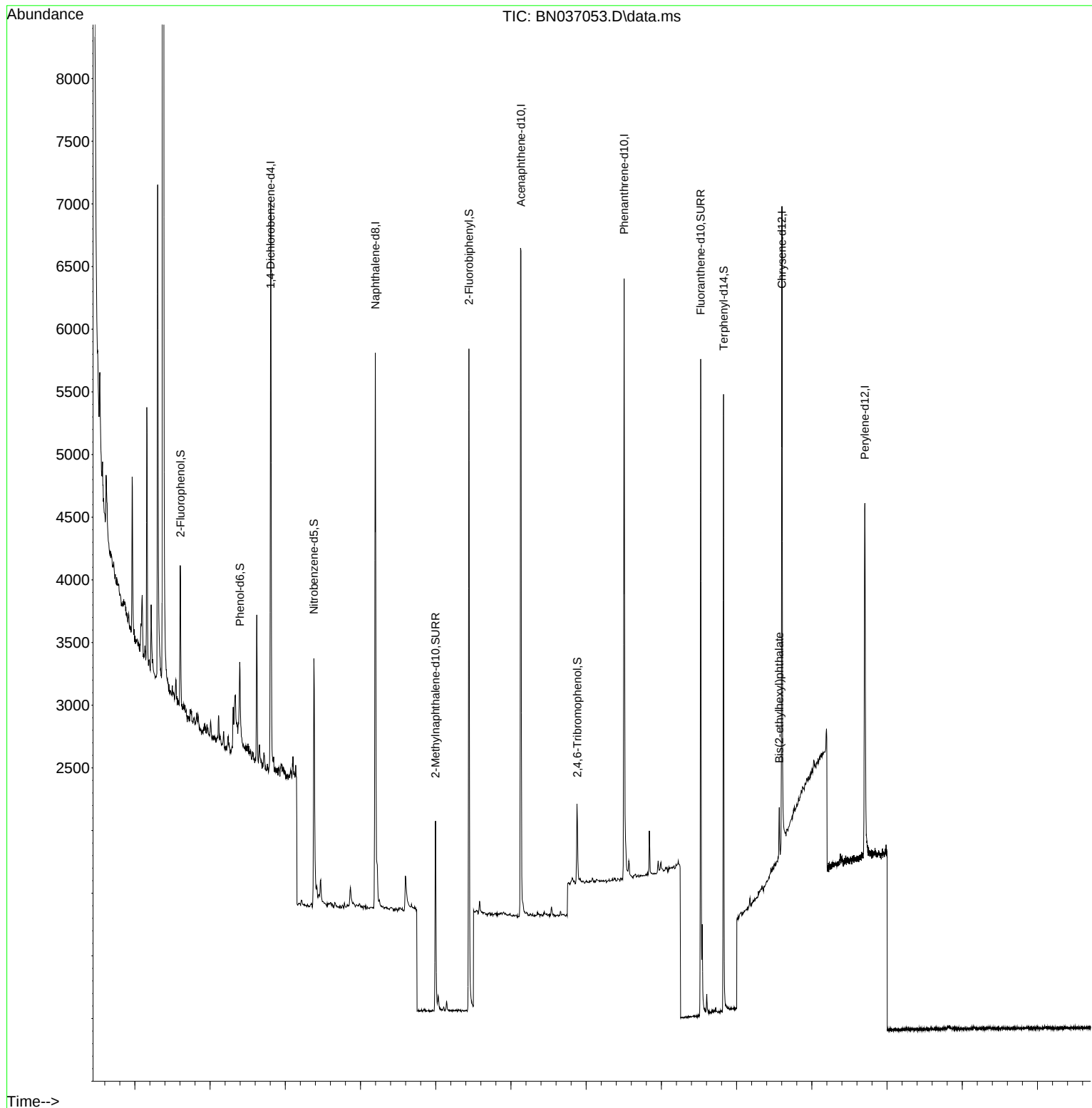
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2221	0.400	ng	0.00
7) Naphthalene-d8	10.393	136	5897	0.400	ng	#-0.01
13) Acenaphthene-d10	14.266	164	3363	0.400	ng	0.00
19) Phenanthrene-d10	17.008	188	6576	0.400	ng	# 0.00
29) Chrysene-d12	21.206	240	4753	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	3989	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	785	0.135	ng	0.00
5) Phenol-d6	6.795	99	552	0.076	ng	0.00
8) Nitrobenzene-d5	8.760	82	1849	0.288	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2344	0.282	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	374	0.253	ng	0.00
15) 2-Fluorobiphenyl	12.883	172	5569	0.362	ng	0.00
27) Fluoranthene-d10	19.045	212	5992	0.332	ng	0.00
31) Terphenyl-d14	19.653	244	4896	0.482	ng	0.00
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.135	149	426	0.039	ng	# 97

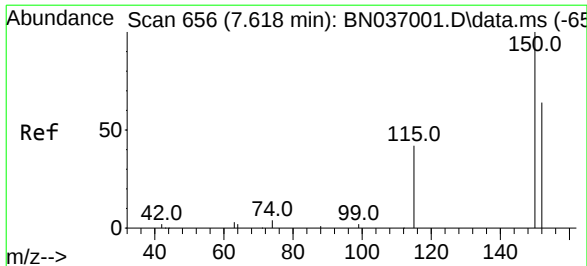
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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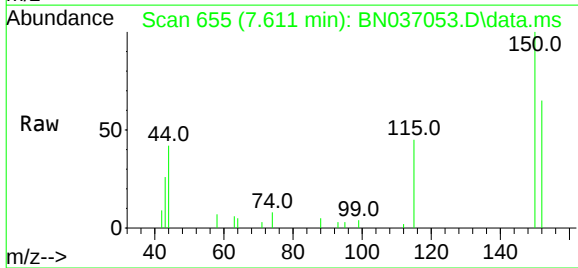
Quant Time: May 19 23:46:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
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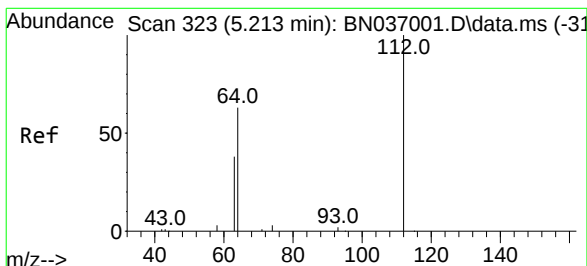
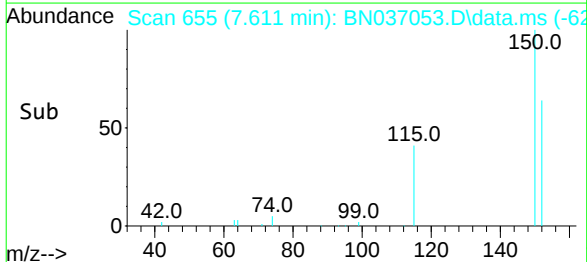
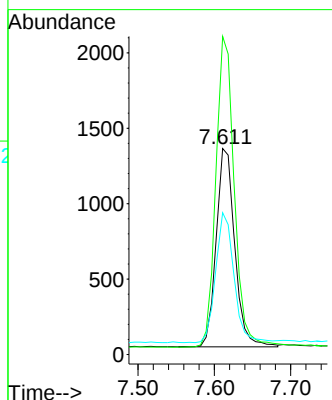


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 65
 Delta R.T. -0.007 min
 Lab File: BN037053.D
 Acq: 19 May 2025 19:52

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20250514

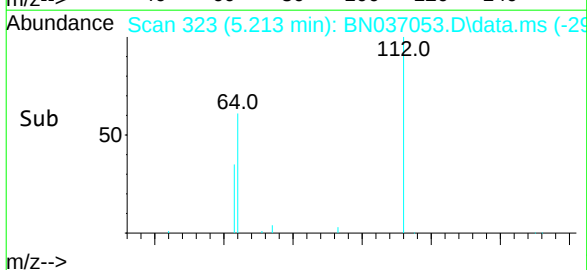
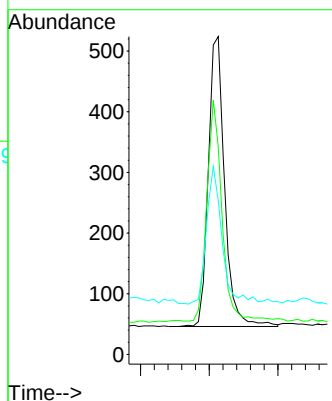
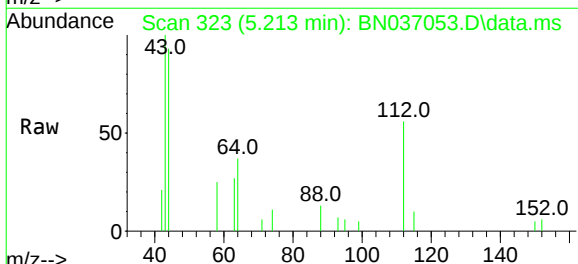


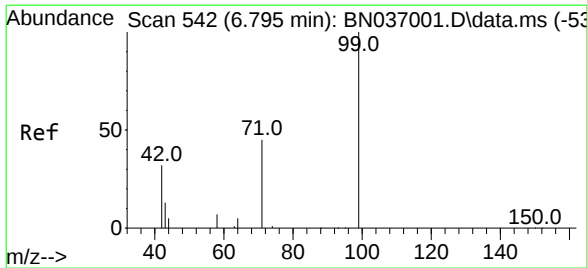
Tgt Ion:152 Resp: 2221
 Ion Ratio Lower Upper
 152 100
 150 154.4 123.9 185.9
 115 68.8 55.8 83.8



#4
 2-Fluorophenol
 Concen: 0.135 ng
 RT: 5.213 min Scan# 323
 Delta R.T. 0.000 min
 Lab File: BN037053.D
 Acq: 19 May 2025 19:52

Tgt Ion:112 Resp: 785
 Ion Ratio Lower Upper
 112 100
 64 70.8 55.7 83.5
 63 45.6 34.6 51.8





#5

Phenol-d6

Concen: 0.076 ng

RT: 6.795 min Scan# 541

Delta R.T. -0.000 min

Lab File: BN037053.D

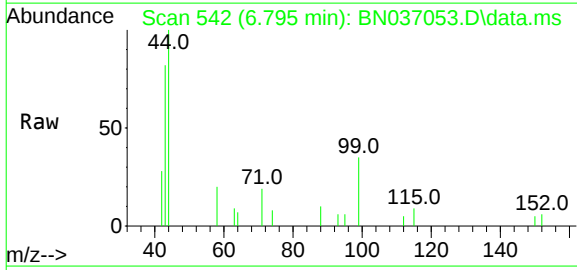
Acq: 19 May 2025 19:52

Instrument :

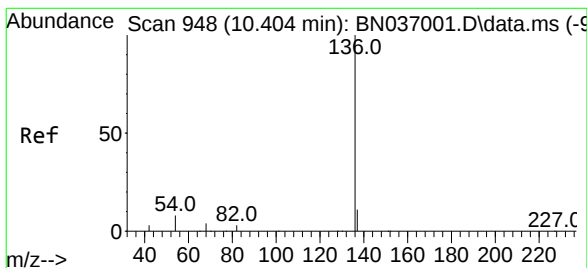
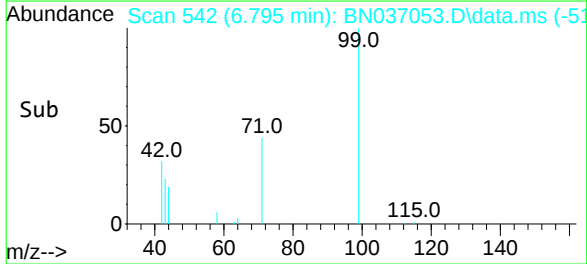
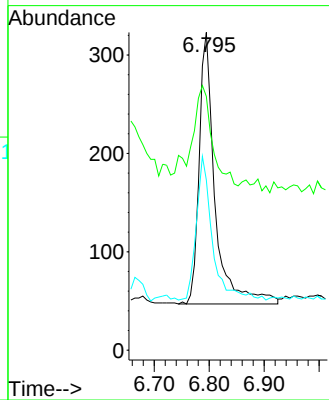
BNA_N

ClientSampleId :

RW7-SP201-20250514



Tgt Ion	Ratio	Lower	Upper
99	100		
42	48.4	29.3	43.9#
71	53.4	35.7	53.5



#7

Naphthalene-d8

Concen: 0.400 ng

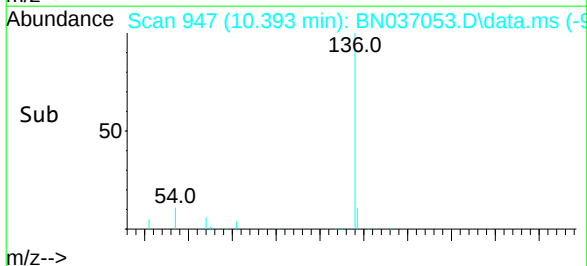
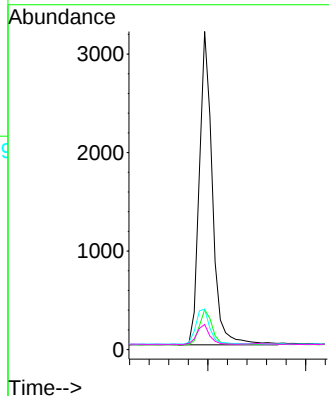
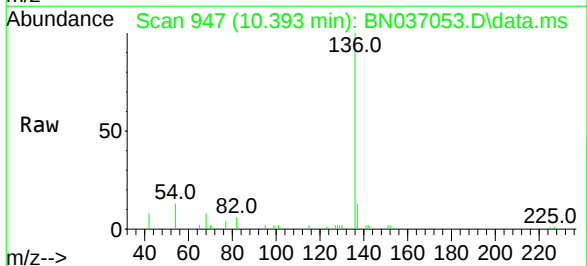
RT: 10.393 min Scan# 947

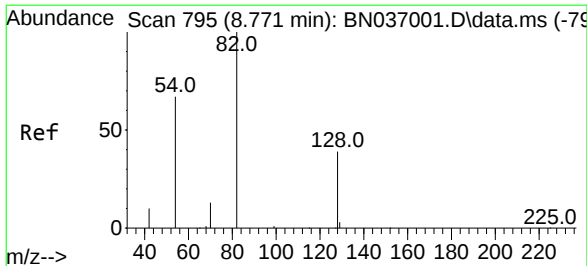
Delta R.T. -0.011 min

Lab File: BN037053.D

Acq: 19 May 2025 19:52

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.4	15.6
54	12.7	8.5	12.7#
68	7.9	5.1	7.7#

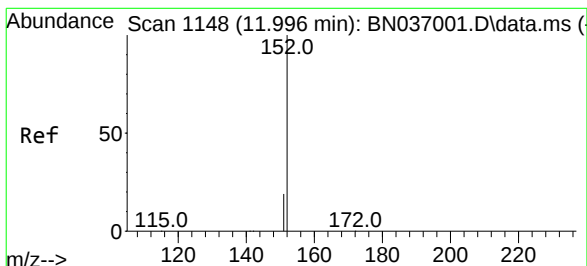
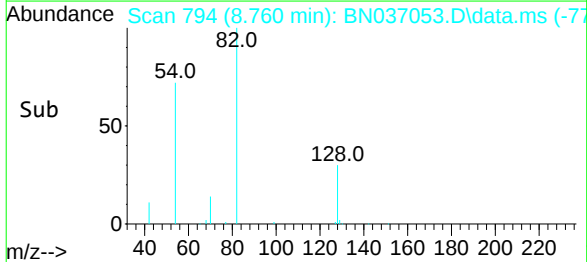
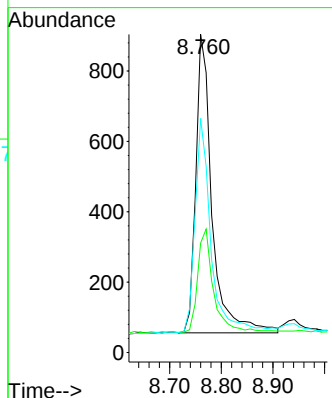
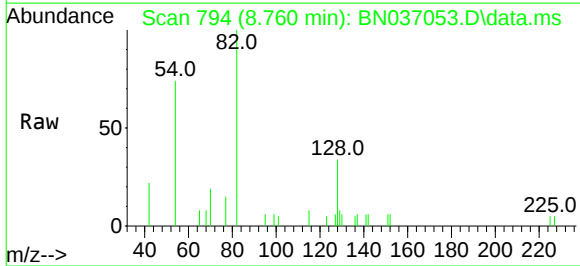




#8
 Nitrobenzene-d5
 Concen: 0.288 ng
 RT: 8.760 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BN037053.D
 Acq: 19 May 2025 19:52

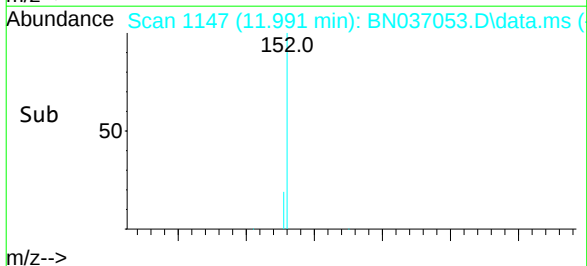
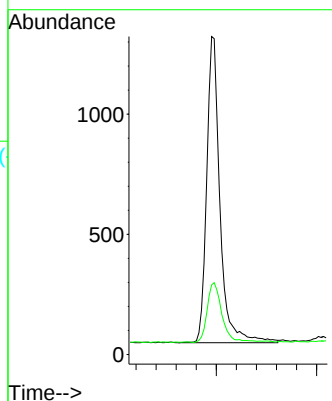
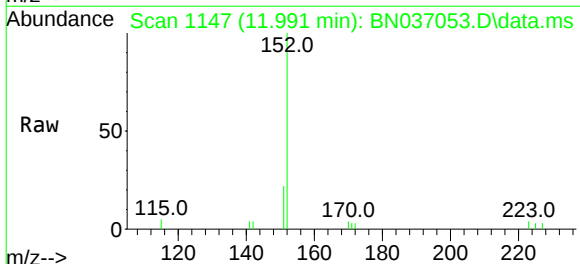
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20250514

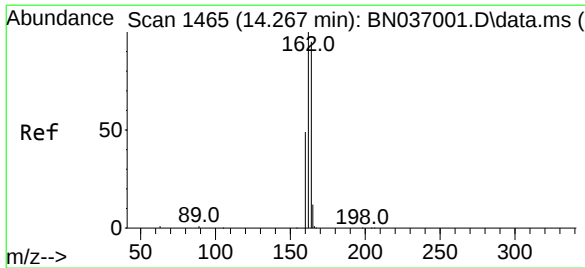
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.4	34.0	51.0
54	73.6	55.0	82.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.282 ng
 RT: 11.991 min Scan# 1147
 Delta R.T. -0.005 min
 Lab File: BN037053.D
 Acq: 19 May 2025 19:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.5	26.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.266 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN037053.D

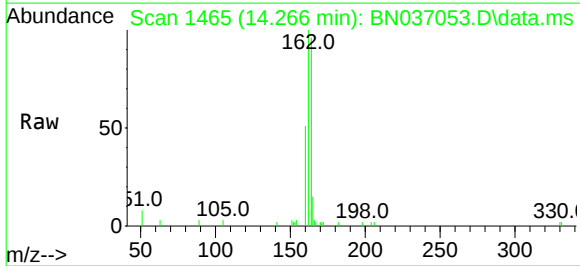
Acq: 19 May 2025 19:52

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-20250514



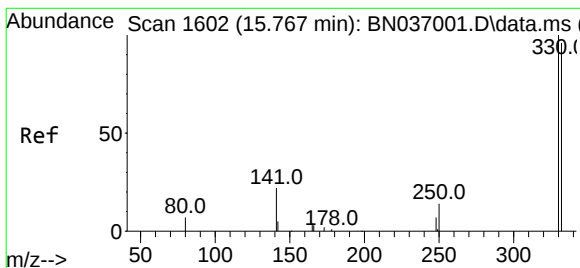
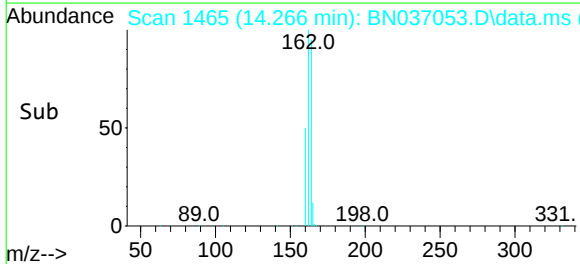
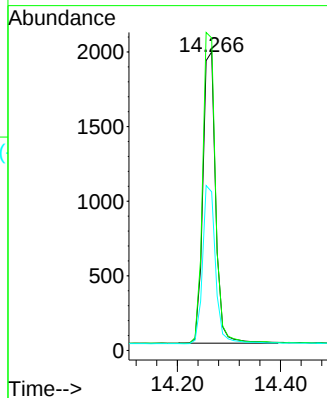
Tgt Ion:164 Resp: 3363

Ion Ratio Lower Upper

164 100

162 104.7 84.2 126.4

160 53.1 42.6 63.8



#14

2,4,6-Tribromophenol

Concen: 0.253 ng

RT: 15.767 min Scan# 1602

Delta R.T. -0.000 min

Lab File: BN037053.D

Acq: 19 May 2025 19:52

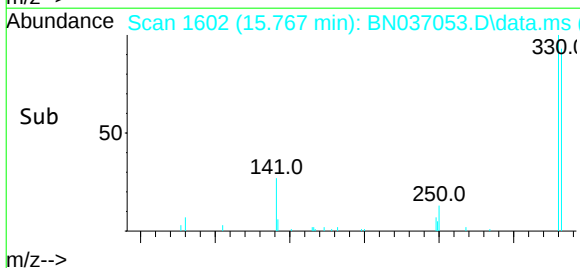
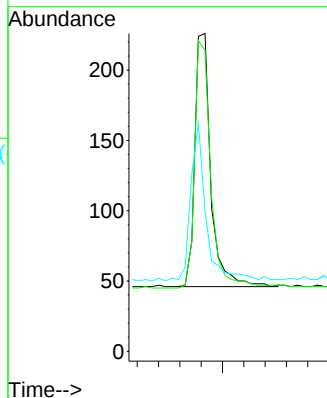
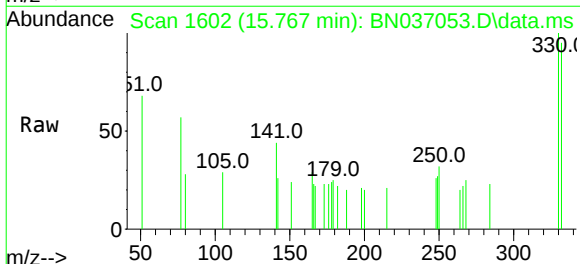
Tgt Ion:330 Resp: 374

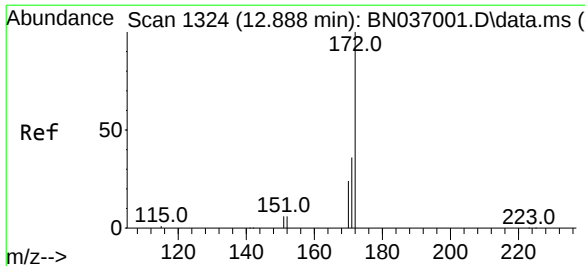
Ion Ratio Lower Upper

330 100

332 98.9 73.8 110.8

141 60.7 43.9 65.9





#15

2-Fluorobiphenyl

Concen: 0.362 ng

RT: 12.883 min Scan# 1324

Delta R.T. -0.005 min

Lab File: BN037053.D

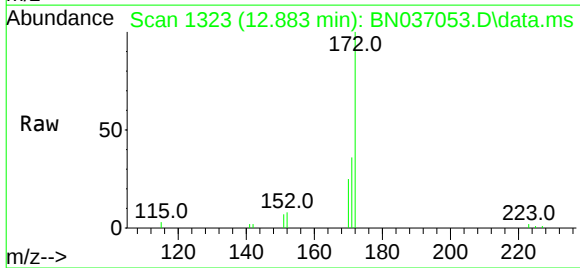
Acq: 19 May 2025 19:52

Instrument :

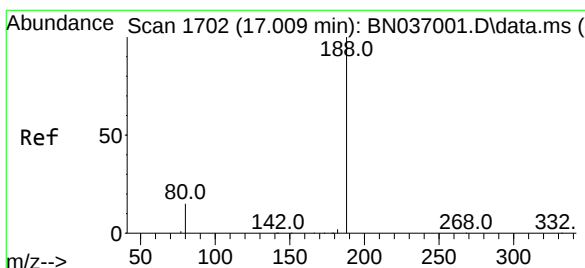
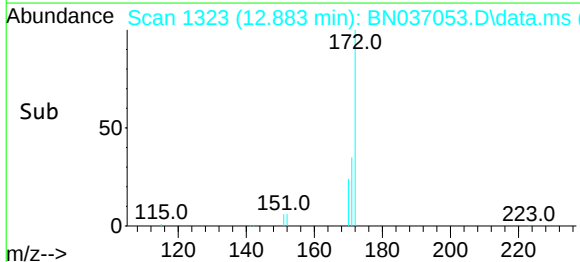
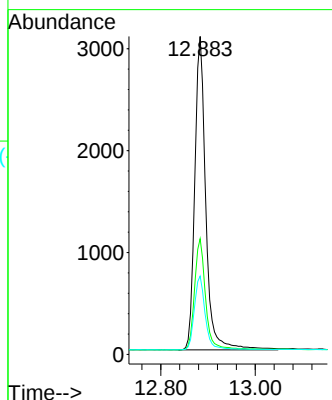
BNA_N

ClientSampleId :

RW7-SP201-20250514



Tgt Ion:	172	Resp:	5569
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.2	43.8
170	24.6	20.5	30.7



#19

Phenanthrene-d10

Concen: 0.400 ng

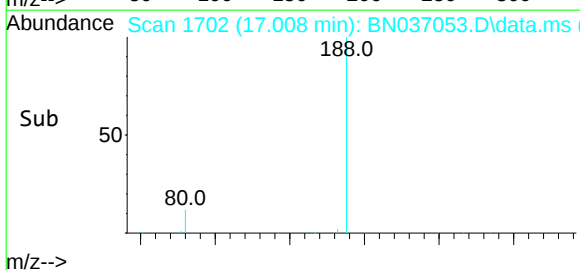
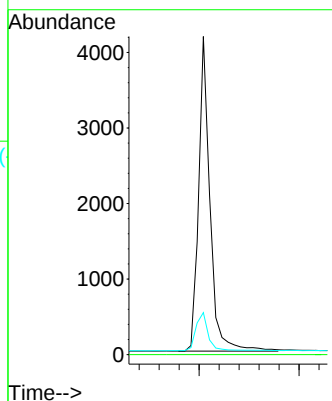
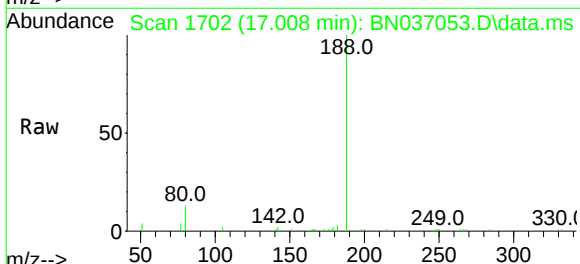
RT: 17.008 min Scan# 1702

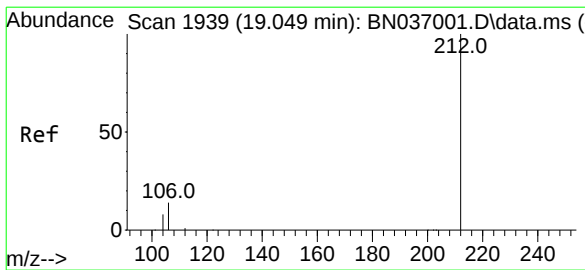
Delta R.T. -0.000 min

Lab File: BN037053.D

Acq: 19 May 2025 19:52

Tgt Ion:	188	Resp:	6576
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.2	13.4	20.0





#27

Fluoranthene-d10

Concen: 0.332 ng

RT: 19.045 min Scan# 19

Delta R.T. -0.005 min

Lab File: BN037053.D

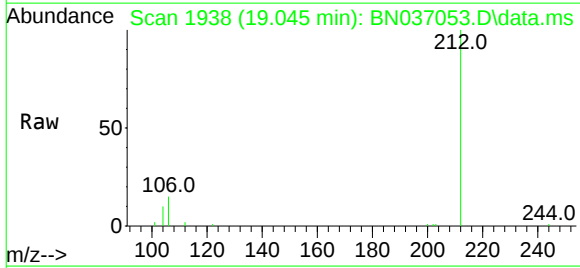
Acq: 19 May 2025 19:52

Instrument :

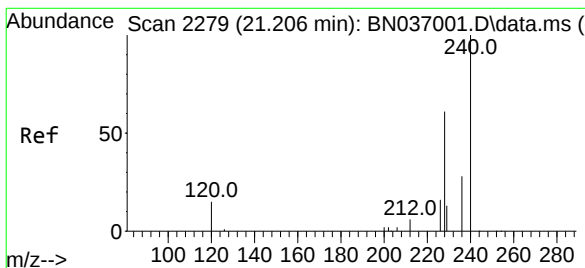
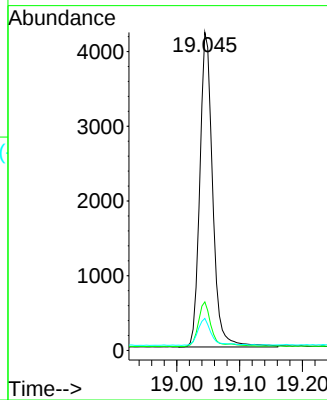
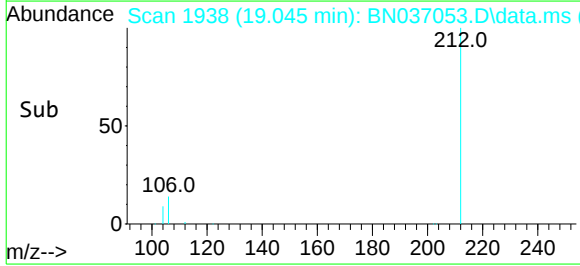
BNA_N

ClientSampleId :

RW7-SP201-20250514



Tgt Ion:	212	Resp:	5992
Ion Ratio	Lower	Upper	
212	100		
106	13.5	11.3	16.9
104	9.0	6.7	10.1



#29

Chrysene-d12

Concen: 0.400 ng

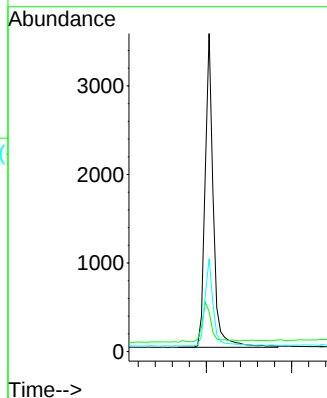
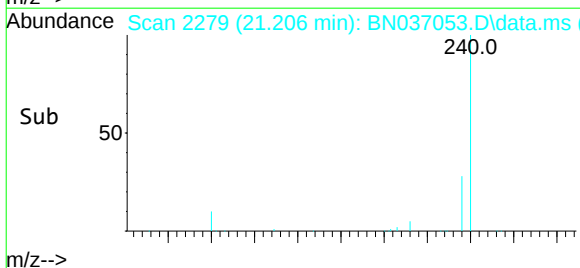
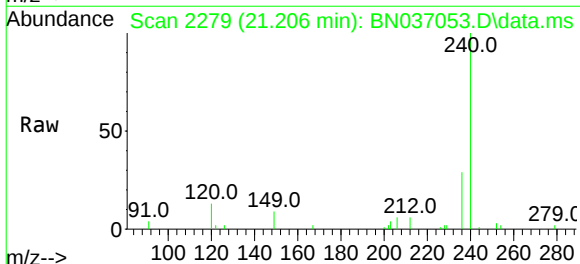
RT: 21.206 min Scan# 2279

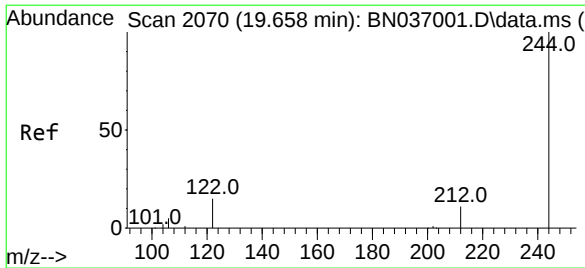
Delta R.T. -0.000 min

Lab File: BN037053.D

Acq: 19 May 2025 19:52

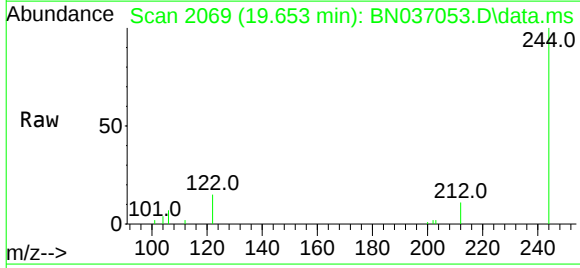
Tgt Ion:	240	Resp:	4753
Ion Ratio	Lower	Upper	
240	100		
120	12.6	15.1	22.7#
236	29.2	24.0	36.0



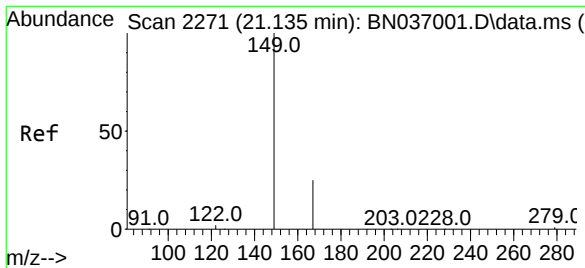
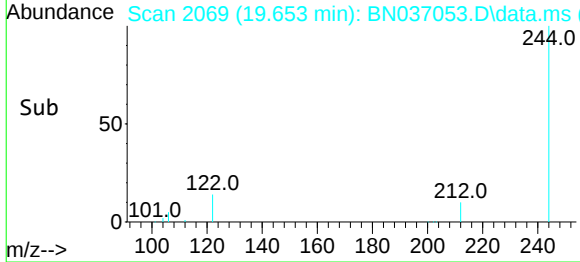
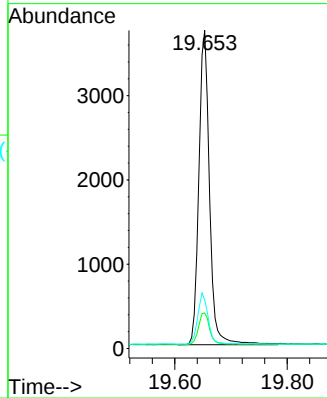


#31
 Terphenyl-d14
 Concen: 0.482 ng
 RT: 19.653 min Scan# 2070
 Delta R.T. -0.005 min
 Lab File: BN037053.D
 Acq: 19 May 2025 19:52

Instrument :
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 RW7-SP201-20250514

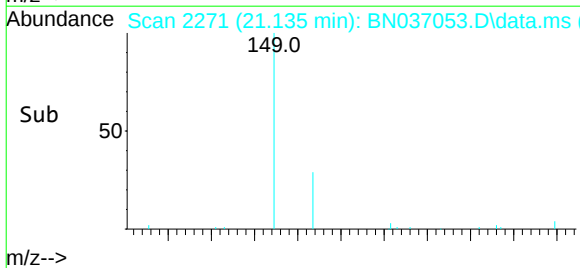
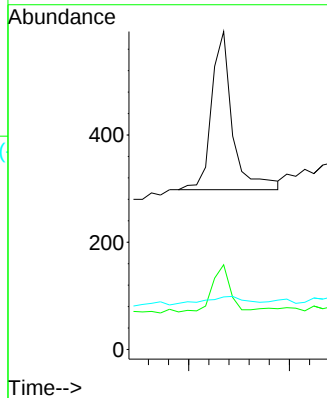
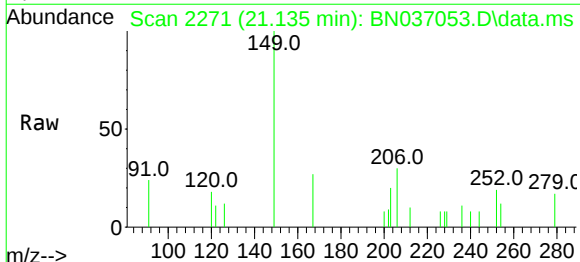


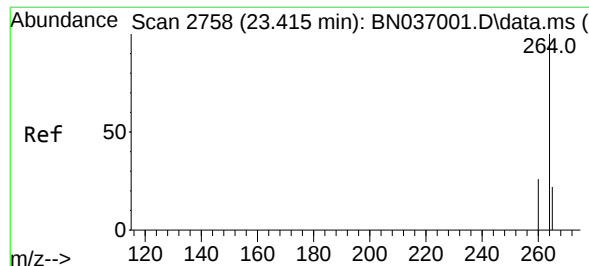
Tgt Ion:244 Resp: 4896
 Ion Ratio Lower Upper
 244 100
 212 11.1 9.7 14.5
 122 15.3 13.4 20.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.039 ng
 RT: 21.135 min Scan# 2271
 Delta R.T. -0.000 min
 Lab File: BN037053.D
 Acq: 19 May 2025 19:52

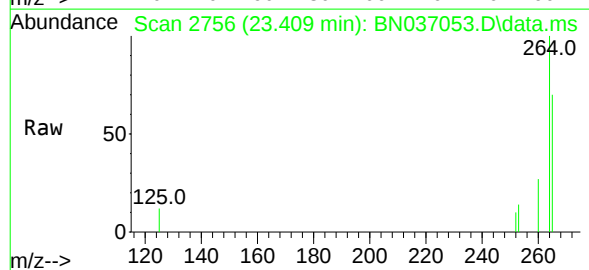
Tgt Ion:149 Resp: 426
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.6 30.8
 279 10.8 2.6 3.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.409 min Scan# 27
 Delta R.T. -0.006 min
 Lab File: BN037053.D
 Acq: 19 May 2025 19:52

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20250514



Tgt Ion:	264	Resp:	3989
Ion Ratio	Lower	Upper	
264	100		
260	26.8	21.9	32.9
265	70.1	51.6	77.4

