

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037059.D
 Acq On : 20 May 2025 00:06
 Operator : RC/JU
 Sample : Q2051-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20250514

Quant Time: May 20 01:15:06 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)

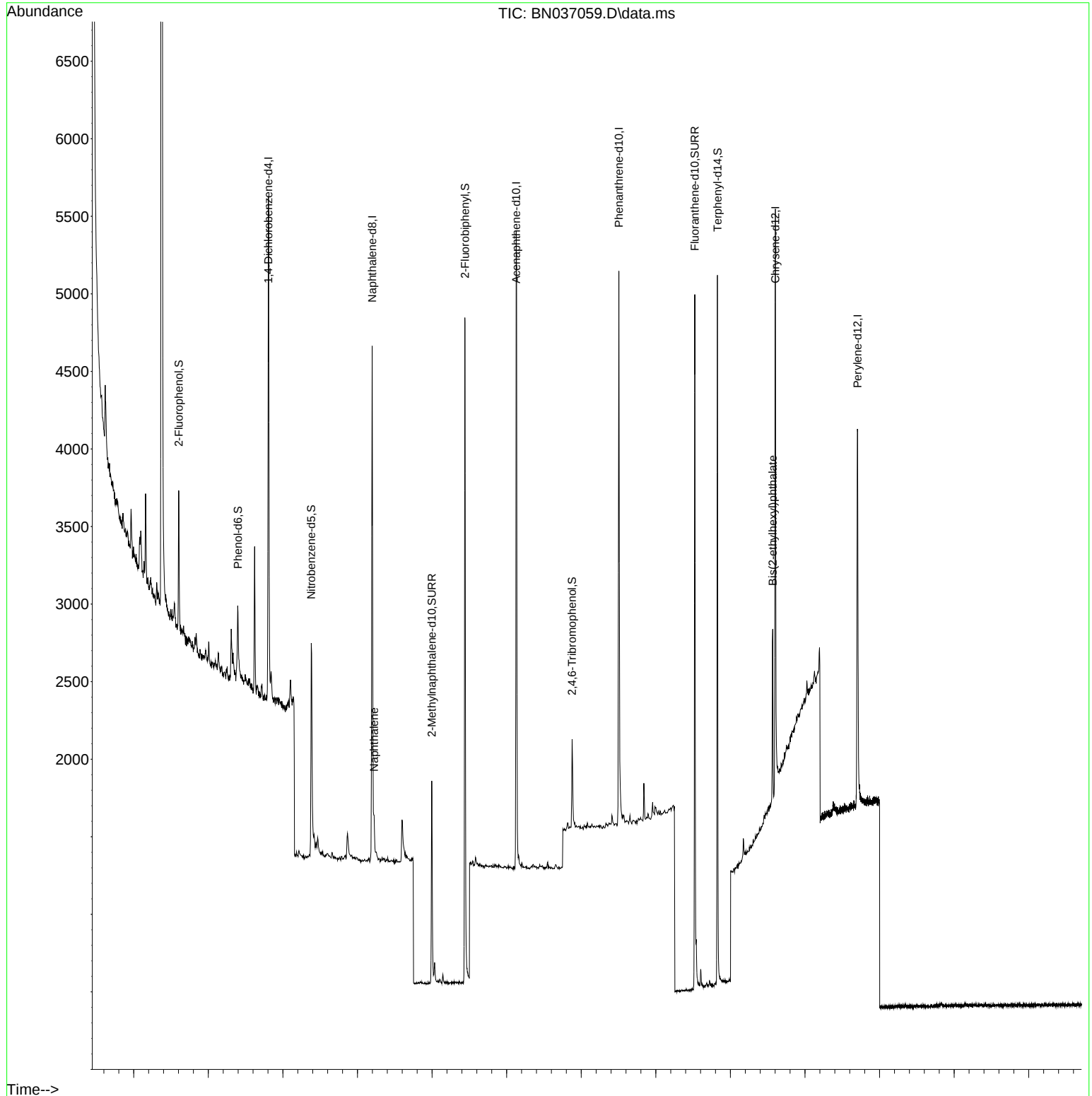
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1660	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4398	0.400	ng	#-0.01
13) Acenaphthene-d10	14.256	164	2517	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	5127	0.400	ng	# 0.00
29) Chrysene-d12	21.207	240	3901	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	3343	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	625	0.144	ng	0.00
5) Phenol-d6	6.795	99	447	0.082	ng	0.00
8) Nitrobenzene-d5	8.760	82	1468	0.307	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	1968	0.318	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	357	0.323	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	4406	0.382	ng	0.00
27) Fluoranthene-d10	19.045	212	5144	0.366	ng	0.00
31) Terphenyl-d14	19.653	244	4477	0.537	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.447	128	298	0.023	ng	# 55
34) Bis(2-ethylhexyl)phtha...	21.135	149	1146	0.127	ng	# 99

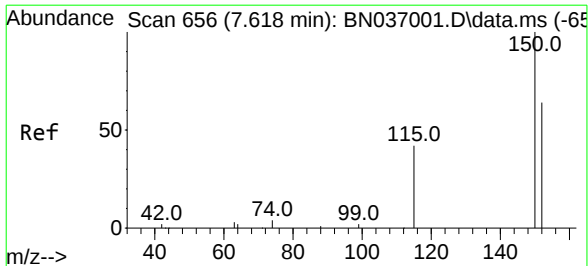
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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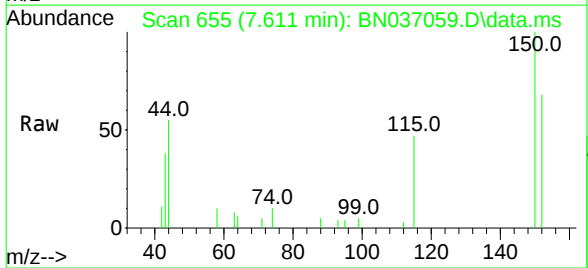
Quant Time: May 20 01:15:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
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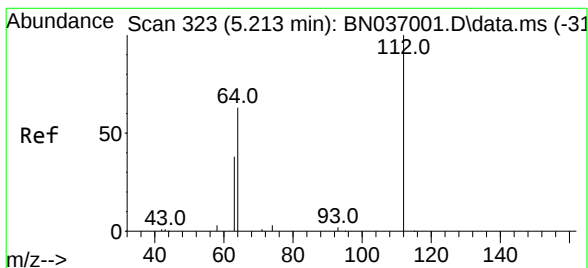
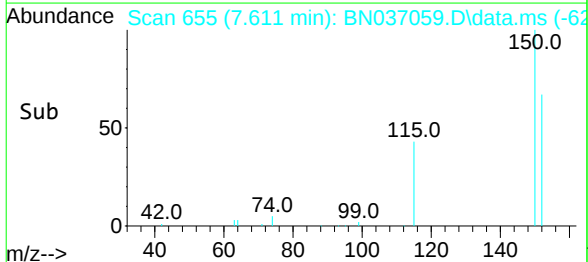
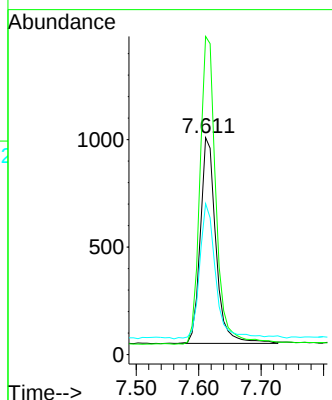


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 65
 Delta R.T. -0.007 min
 Lab File: BN037059.D
 Acq: 20 May 2025 00:06

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20250514

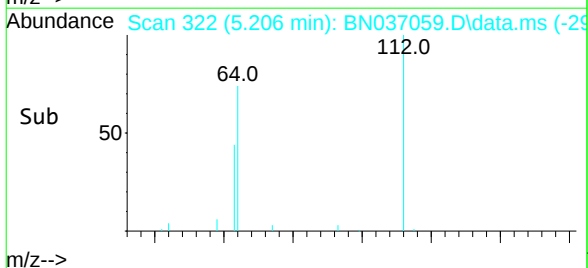
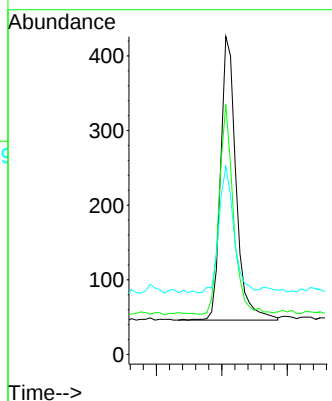
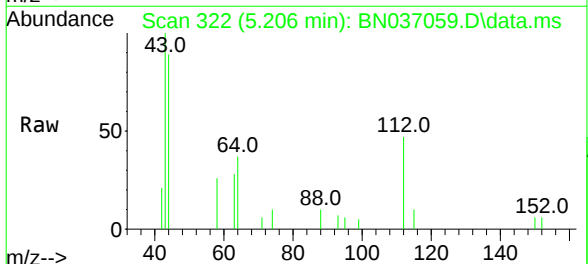


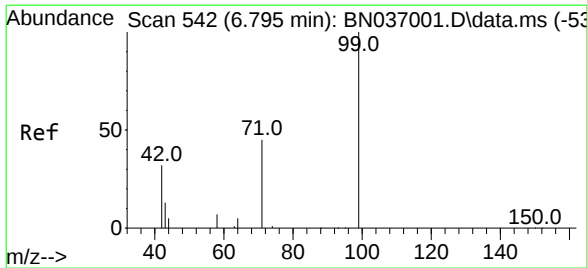
Tgt Ion:152 Resp: 1660
 Ion Ratio Lower Upper
 152 100
 150 146.7 123.9 185.9
 115 69.6 55.8 83.8



#4
 2-Fluorophenol
 Concen: 0.144 ng
 RT: 5.206 min Scan# 322
 Delta R.T. -0.007 min
 Lab File: BN037059.D
 Acq: 20 May 2025 00:06

Tgt Ion:112 Resp: 625
 Ion Ratio Lower Upper
 112 100
 64 68.0 55.7 83.5
 63 44.5 34.6 51.8





#5

Phenol-d6

Concen: 0.082 ng

RT: 6.795 min Scan# 54

Delta R.T. -0.000 min

Lab File: BN037059.D

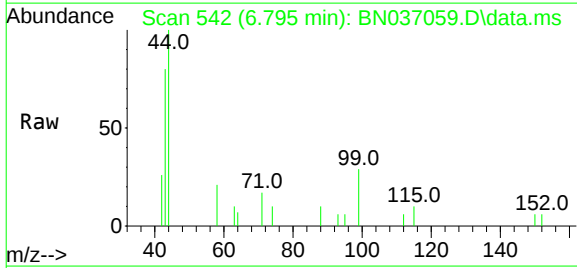
Acq: 20 May 2025 00:06

Instrument :

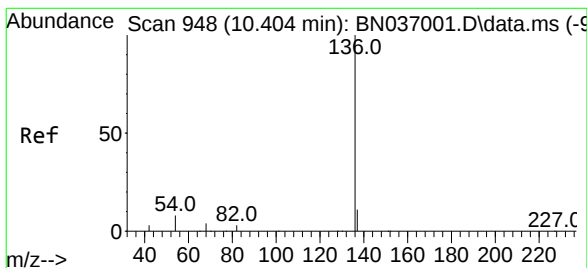
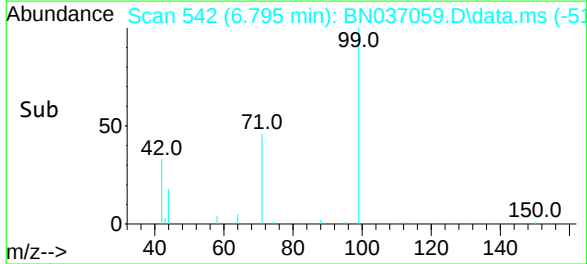
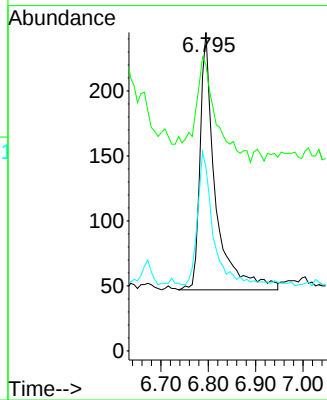
BNA_N

ClientSampleId :

RW7-SP303-20250514



Tgt Ion:	99	Ratio	100	Lower	Upper
99	100				
42	58.8		29.3	43.9#	
71	51.7		35.7	53.5	



#7

Naphthalene-d8

Concen: 0.400 ng

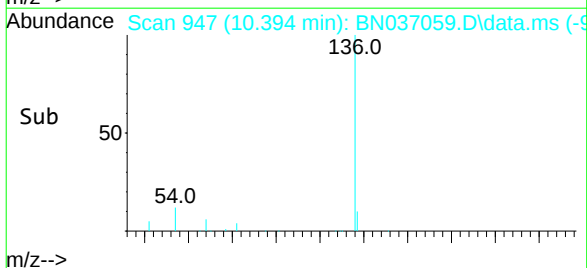
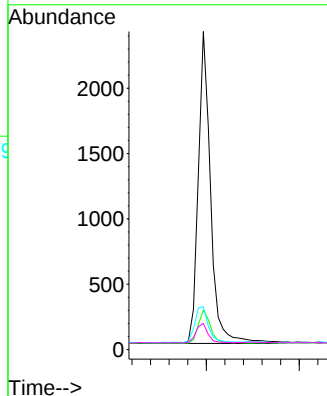
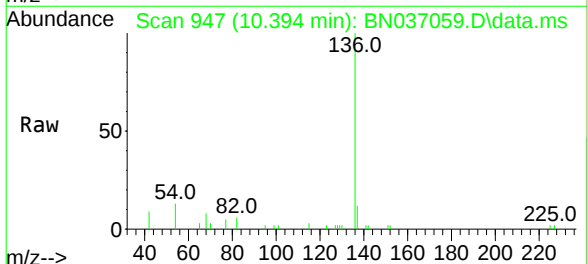
RT: 10.394 min Scan# 947

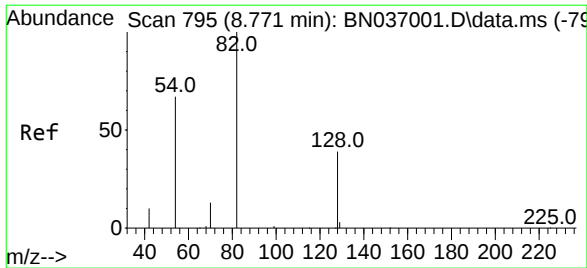
Delta R.T. -0.011 min

Lab File: BN037059.D

Acq: 20 May 2025 00:06

Tgt Ion:	136	Ratio	100	Lower	Upper
136	100				
137	12.4		10.4	15.6	
54	13.5		8.5	12.7#	
68	8.2		5.1	7.7#	

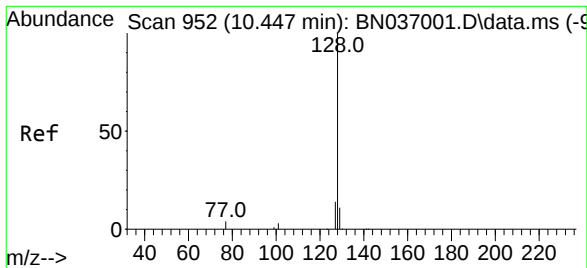
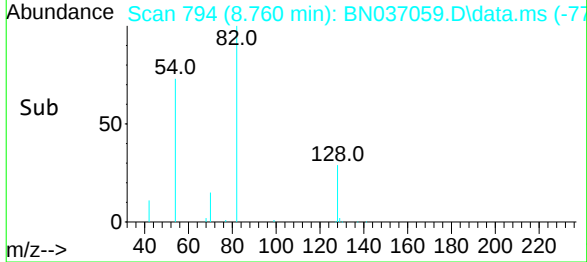
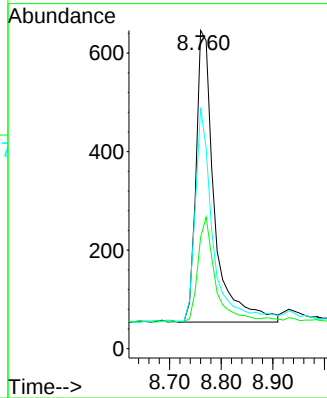
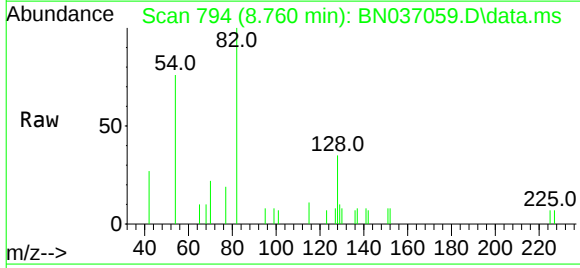




#8
 Nitrobenzene-d5
 Concen: 0.307 ng
 RT: 8.760 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BN037059.D
 Acq: 20 May 2025 00:06

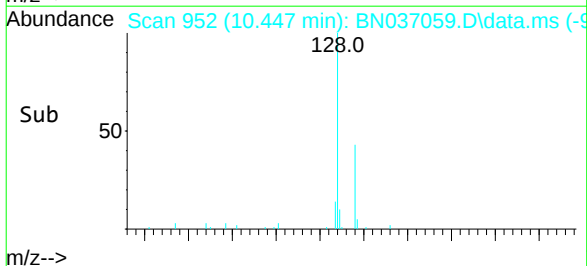
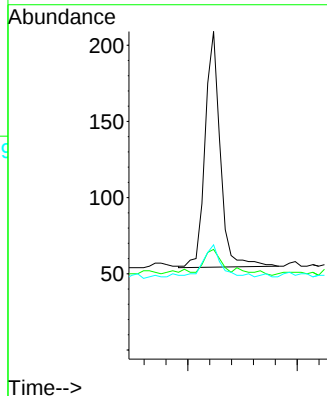
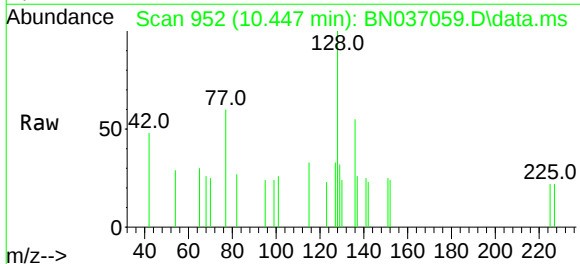
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20250514

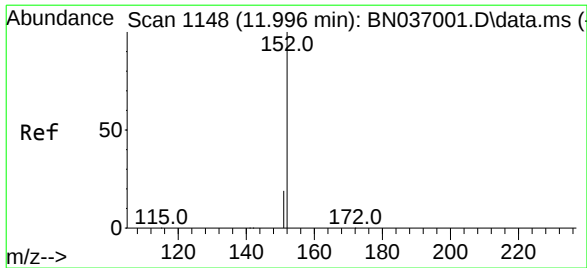
Tgt Ion:	82	Resp:	1468
Ion	Ratio	Lower	Upper
82	100		
128	35.0	34.0	51.0
54	75.7	55.0	82.4



#9
 Naphthalene
 Concen: 0.023 ng
 RT: 10.447 min Scan# 952
 Delta R.T. 0.000 min
 Lab File: BN037059.D
 Acq: 20 May 2025 00:06

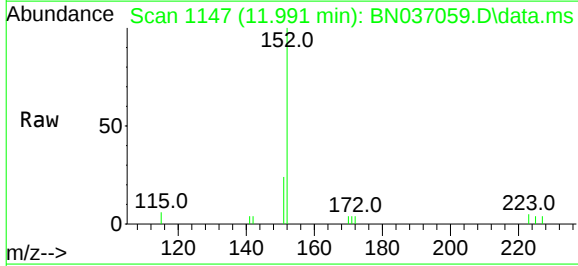
Tgt Ion:	128	Resp:	298
Ion	Ratio	Lower	Upper
128	100		
129	31.6	9.7	14.5#
127	33.0	12.4	18.6#



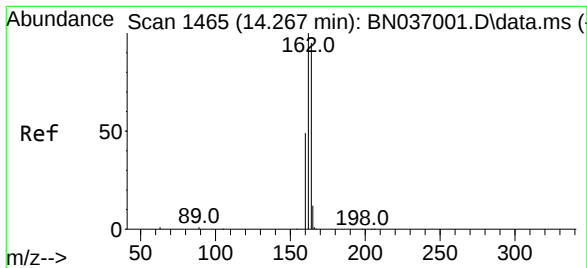
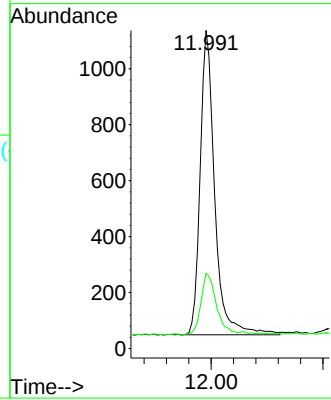
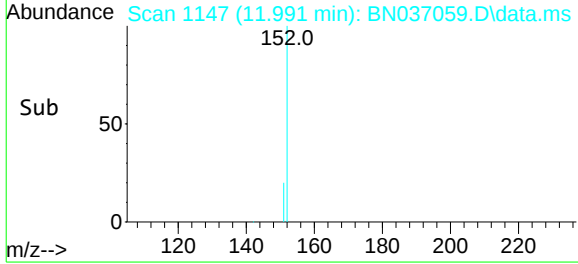


#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 11.991 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037059.D
Acq: 20 May 2025 00:06

Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250514

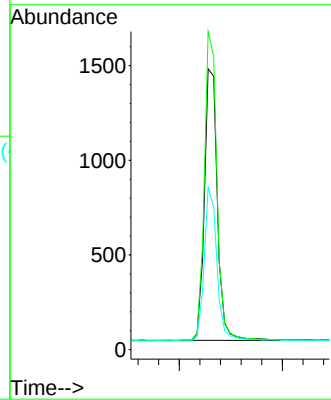
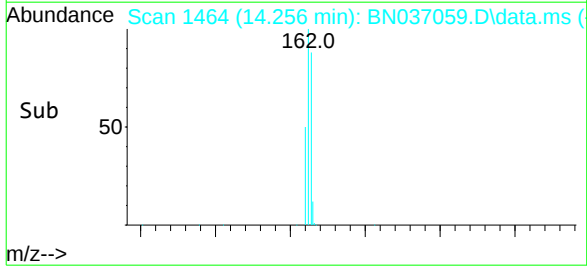
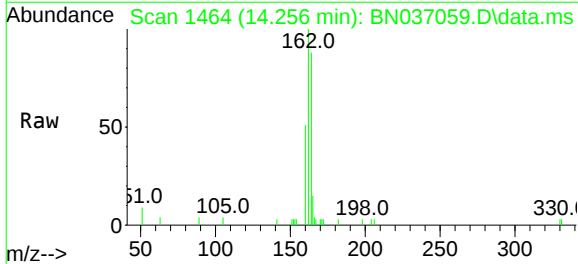


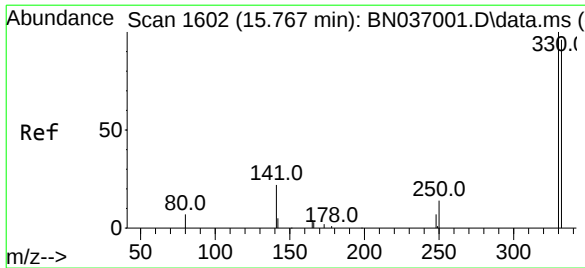
Tgt Ion:152 Resp: 1968
Ion Ratio Lower Upper
152 100
151 21.3 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037059.D
Acq: 20 May 2025 00:06

Tgt Ion:164 Resp: 2517
Ion Ratio Lower Upper
164 100
162 113.3 84.2 126.4
160 57.8 42.6 63.8





#14

2,4,6-Tribromophenol

Concen: 0.323 ng

RT: 15.755 min Scan# 16

Delta R.T. -0.012 min

Lab File: BN037059.D

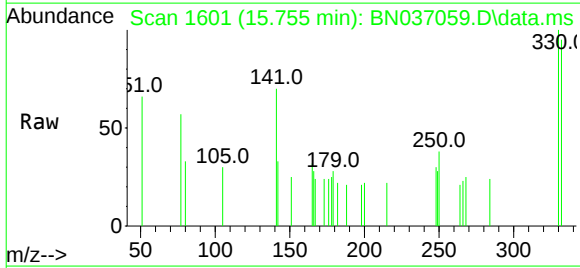
Acq: 20 May 2025 00:06

Instrument :

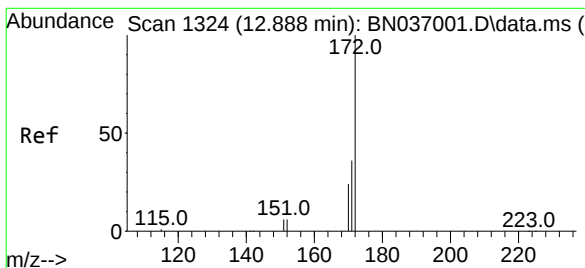
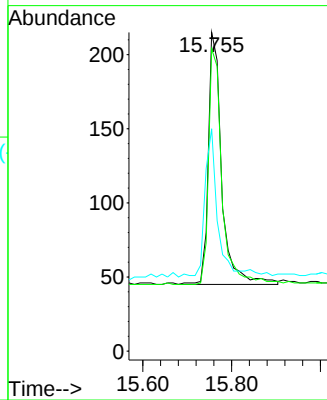
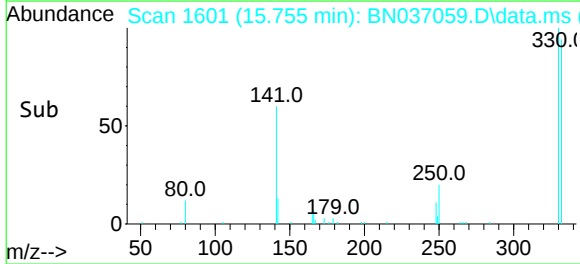
BNA_N

ClientSampleId :

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Tgt Ion:	330	Resp:	357
Ion	Ratio	Lower	Upper
330	100		
332	93.3	73.8	110.8
141	51.0	43.9	65.9



#15

2-Fluorobiphenyl

Concen: 0.382 ng

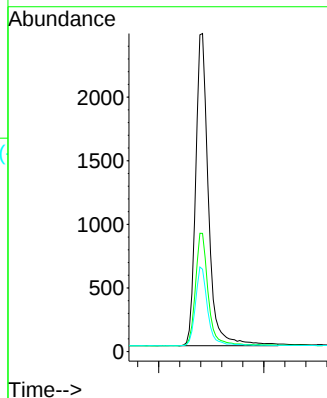
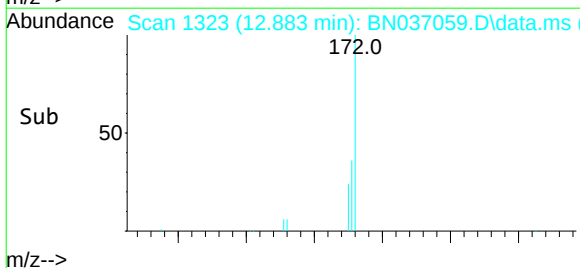
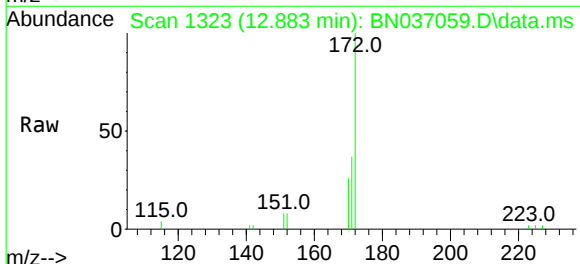
RT: 12.883 min Scan# 1323

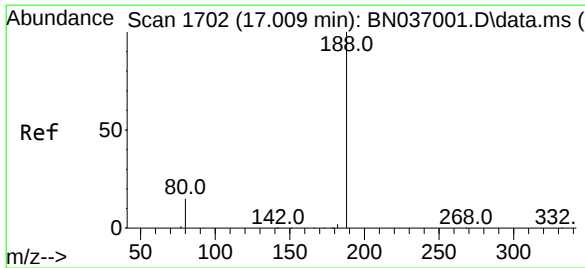
Delta R.T. -0.005 min

Lab File: BN037059.D

Acq: 20 May 2025 00:06

Tgt Ion:	172	Resp:	4406
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.2	43.8
170	25.9	20.5	30.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.009 min Scan# 17

Delta R.T. 0.000 min

Lab File: BN037059.D

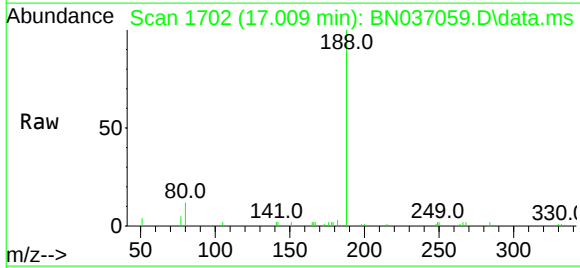
Acq: 20 May 2025 00:06

Instrument :

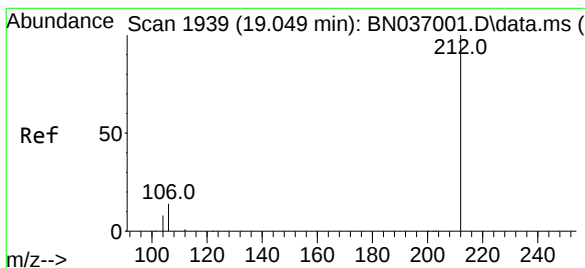
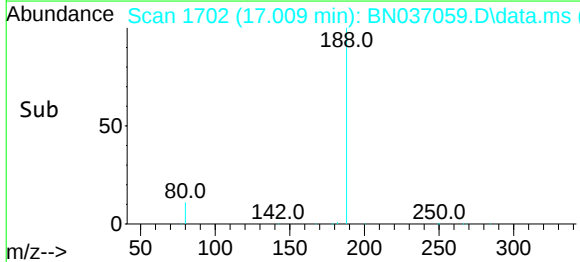
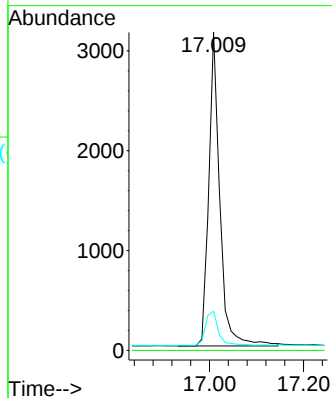
BNA_N

ClientSampleId :

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Tgt Ion:	188	Resp:	5127
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.3	13.4	20.0



#27

Fluoranthene-d10

Concen: 0.366 ng

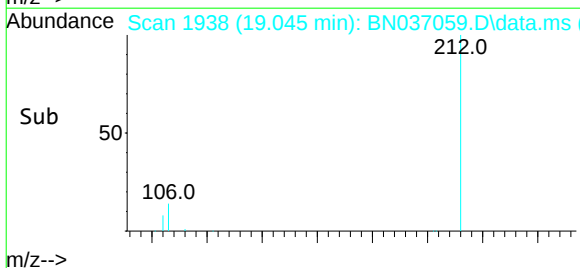
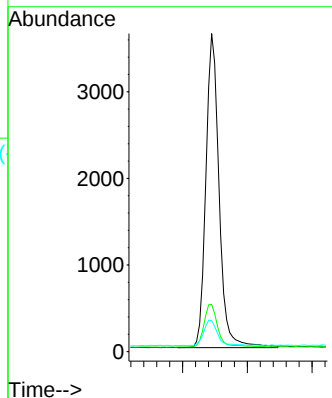
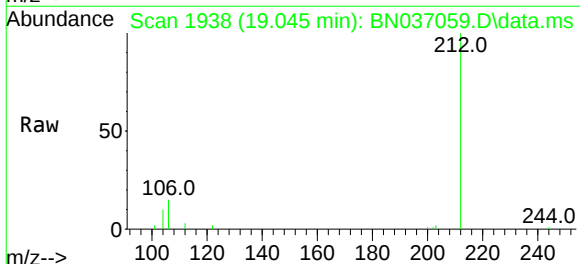
RT: 19.045 min Scan# 1938

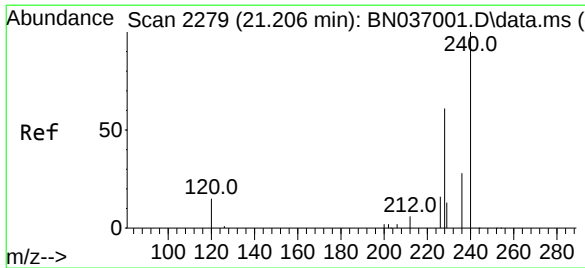
Delta R.T. -0.005 min

Lab File: BN037059.D

Acq: 20 May 2025 00:06

Tgt Ion:	212	Resp:	5144
Ion Ratio	Lower	Upper	
212	100		
106	14.2	11.3	16.9
104	8.6	6.7	10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.207 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BN037059.D

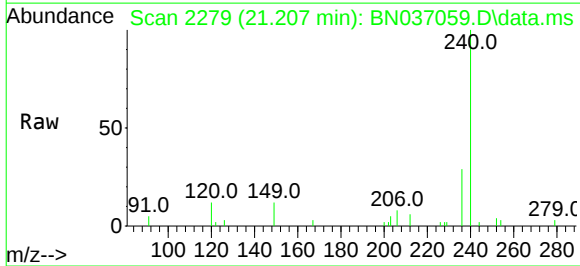
Acq: 20 May 2025 00:06

Instrument :

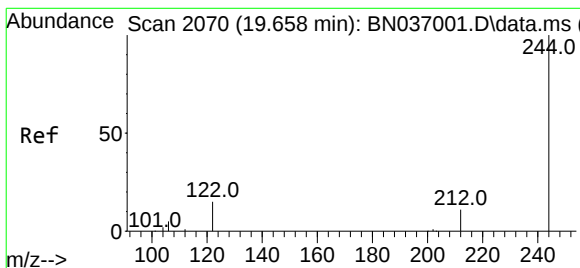
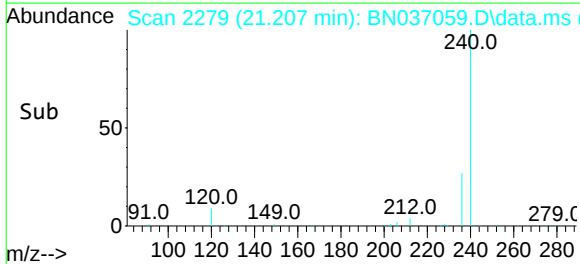
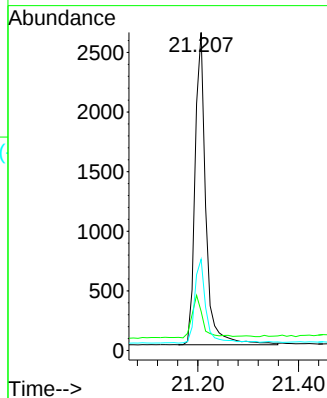
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Tgt Ion:	240	Resp:	3901
Ion Ratio	Lower	Upper	
240	100		
120	12.3	15.1	22.7#
236	28.7	24.0	36.0



#31

Terphenyl-d14

Concen: 0.537 ng

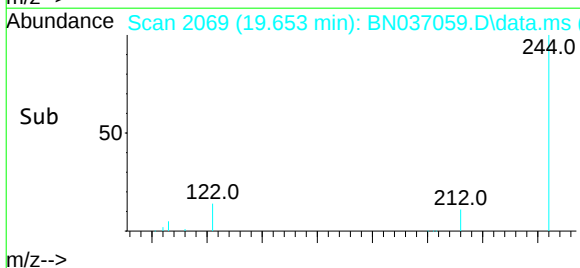
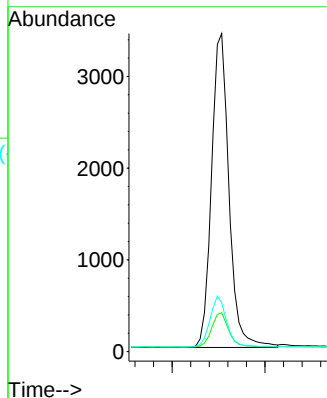
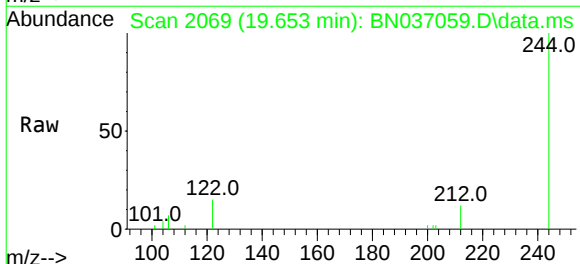
RT: 19.653 min Scan# 2069

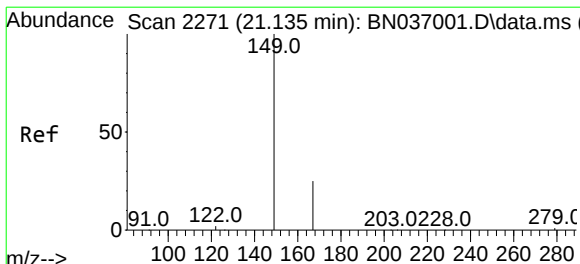
Delta R.T. -0.005 min

Lab File: BN037059.D

Acq: 20 May 2025 00:06

Tgt Ion:	244	Resp:	4477
Ion Ratio	Lower	Upper	
244	100		
212	12.2	9.7	14.5
122	15.4	13.4	20.0



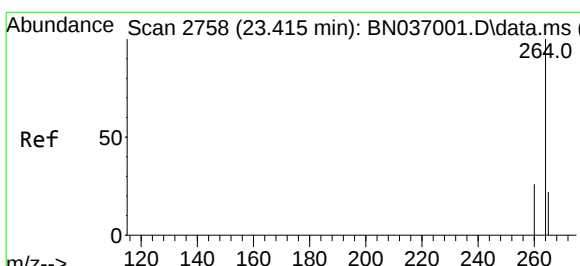
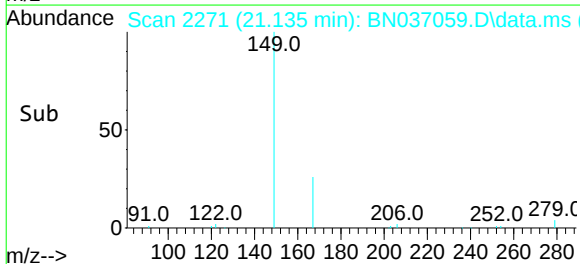
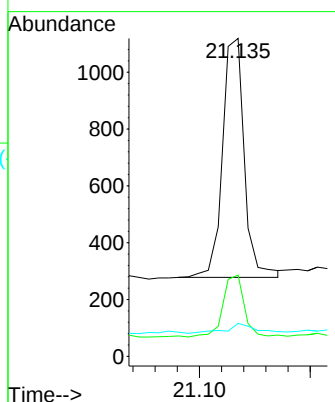
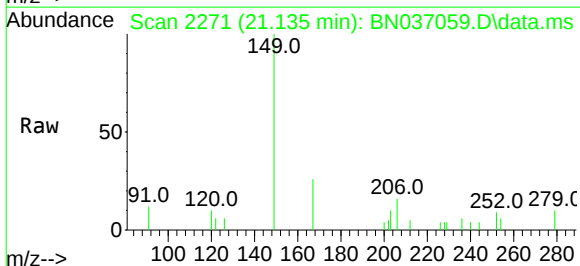


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.127 ng
RT: 21.135 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BN037059.D
Acq: 20 May 2025 00:06

Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250514

Tgt Ion:149 Resp: 1146

Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.6	30.8
279	5.7	2.6	3.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.409 min Scan# 2756
Delta R.T. -0.006 min
Lab File: BN037059.D
Acq: 20 May 2025 00:06

Tgt Ion:264 Resp: 3343

Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.9	32.9
265	73.3	51.6	77.4

