

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037054.D
 Acq On : 19 May 2025 20:28
 Operator : RC/JU
 Sample : Q2051-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP302-20250514

Quant Time: May 19 23:46:47 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)

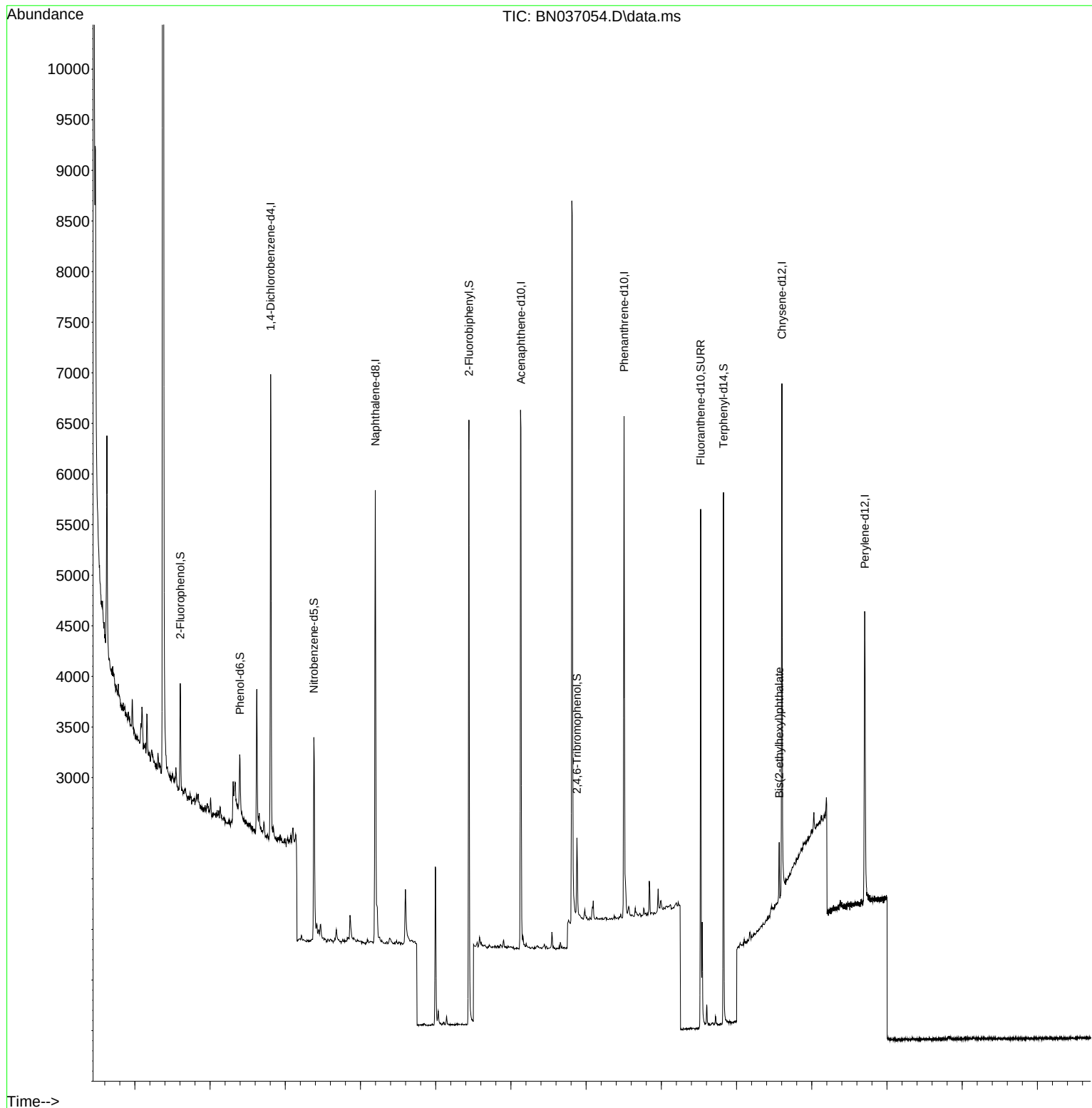
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2185	0.400	ng	0.00
7) Naphthalene-d8	10.393	136	5779	0.400	ng	-0.01
13) Acenaphthene-d10	14.266	164	3268	0.400	ng	0.00
19) Phenanthrene-d10	17.009	188	6553	0.400	ng	# 0.00
29) Chrysene-d12	21.206	240	4805	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	4011	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	746	0.130	ng	0.00
5) Phenol-d6	6.795	99	539	0.075	ng	0.00
8) Nitrobenzene-d5	8.760	82	1878	0.298	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2330	0.286	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	439	0.306	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	6126	0.409	ng	0.00
27) Fluoranthene-d10	19.045	212	5844	0.325	ng	0.00
31) Terphenyl-d14	19.653	244	5194	0.505	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.447	128	401	0.023	ng	# 67
34) Bis(2-ethylhexyl)phtha...	21.135	149	589	0.053	ng	# 97

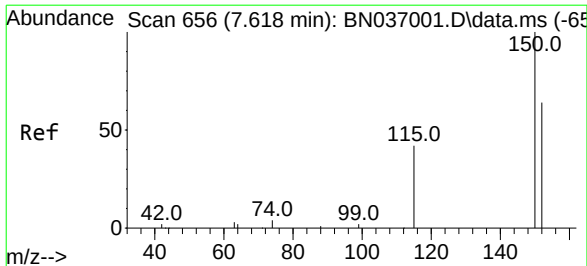
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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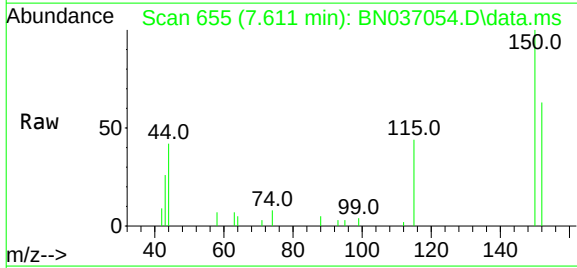
Quant Time: May 19 23:46:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
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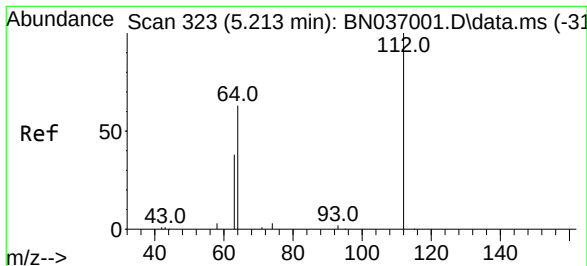
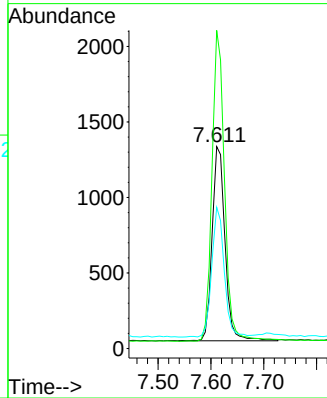
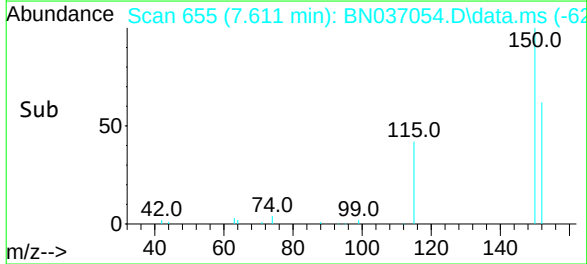


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 65
 Delta R.T. -0.007 min
 Lab File: BN037054.D
 Acq: 19 May 2025 20:28

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP302-20250514

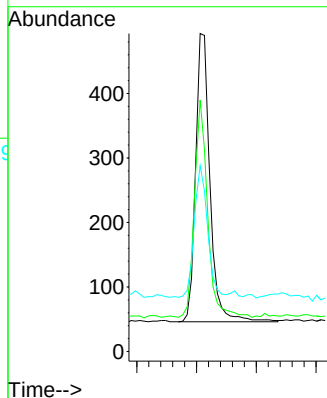
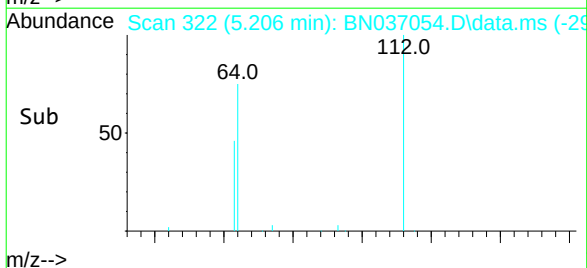
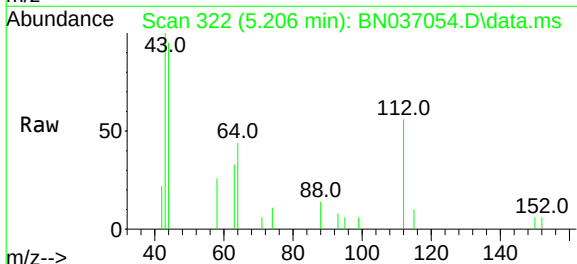


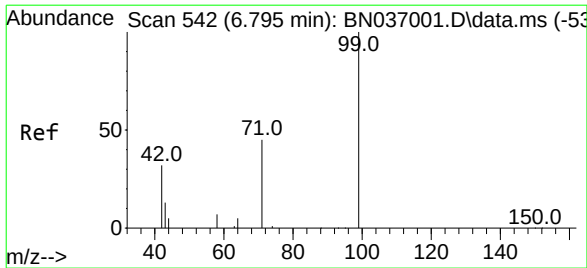
Tgt Ion:152 Resp: 2185
 Ion Ratio Lower Upper
 152 100
 150 157.5 123.9 185.9
 115 69.9 55.8 83.8



#4
 2-Fluorophenol
 Concen: 0.130 ng
 RT: 5.206 min Scan# 322
 Delta R.T. -0.007 min
 Lab File: BN037054.D
 Acq: 19 May 2025 20:28

Tgt Ion:112 Resp: 746
 Ion Ratio Lower Upper
 112 100
 64 69.0 55.7 83.5
 63 42.0 34.6 51.8





#5

Phenol-d6

Concen: 0.075 ng

RT: 6.795 min Scan# 54

Delta R.T. -0.000 min

Lab File: BN037054.D

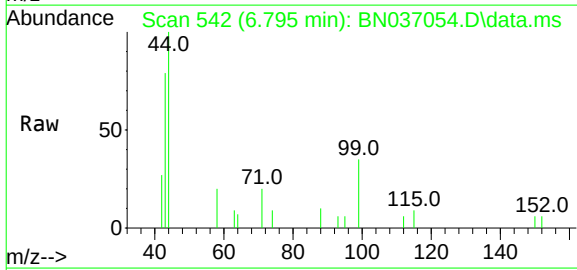
Acq: 19 May 2025 20:28

Instrument :

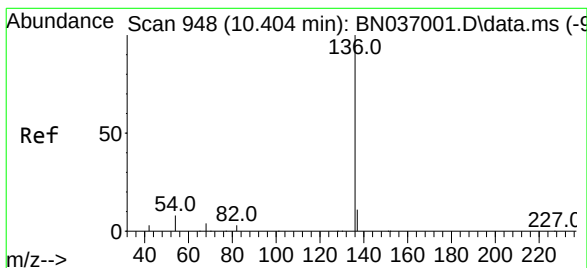
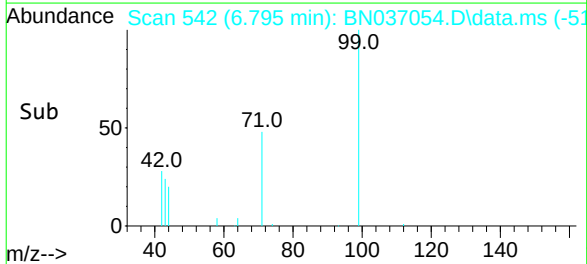
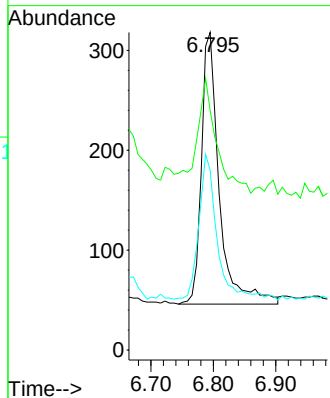
BNA_N

ClientSampleId :

RW7-SP302-20250514



Tgt Ion	Ratio	Lower	Upper
99	100		
42	43.8	29.3	43.9
71	55.5	35.7	53.5



#7

Naphthalene-d8

Concen: 0.400 ng

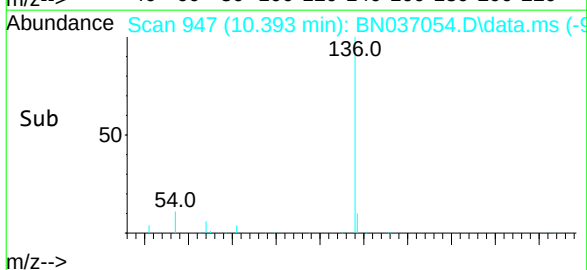
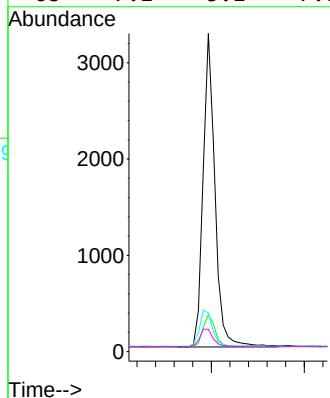
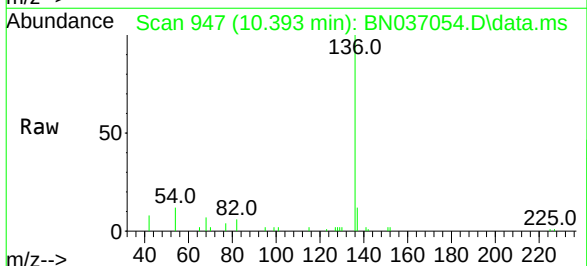
RT: 10.393 min Scan# 947

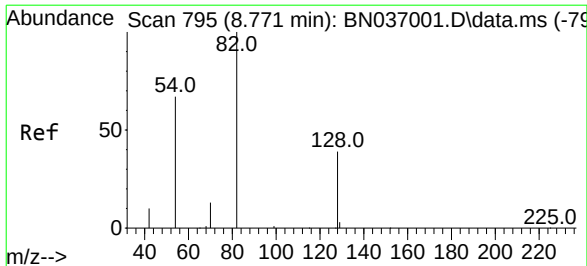
Delta R.T. -0.011 min

Lab File: BN037054.D

Acq: 19 May 2025 20:28

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.6	10.4	15.6
54	12.2	8.5	12.7
68	7.1	5.1	7.7

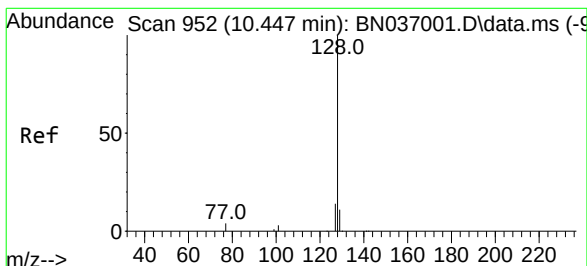
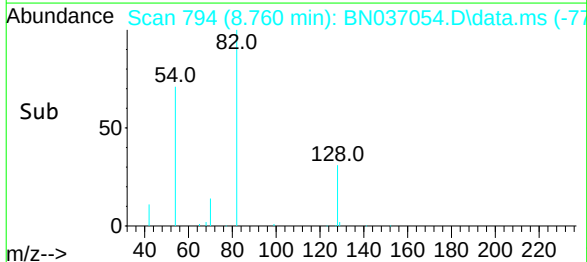
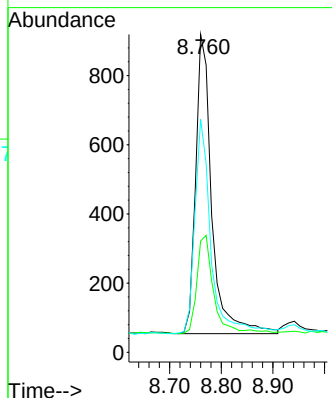
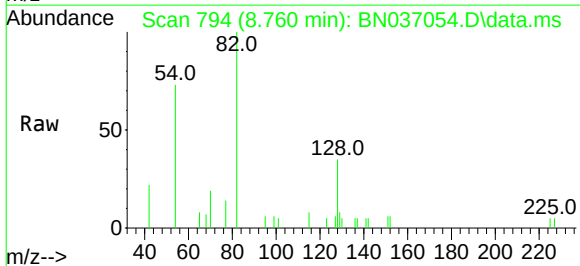




#8
Nitrobenzene-d5
Concen: 0.298 ng
RT: 8.760 min Scan# 795
Delta R.T. -0.011 min
Lab File: BN037054.D
Acq: 19 May 2025 20:28

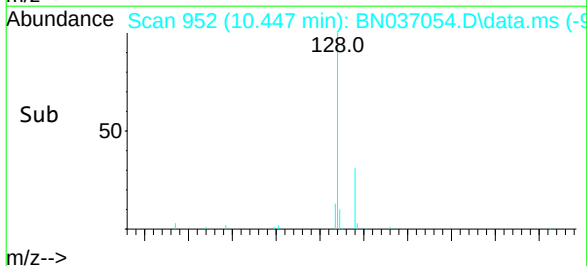
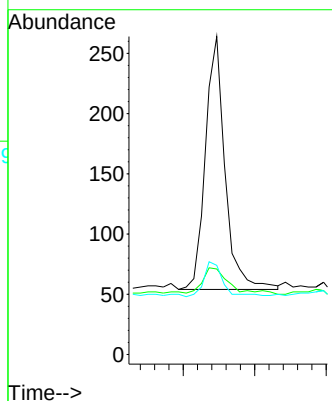
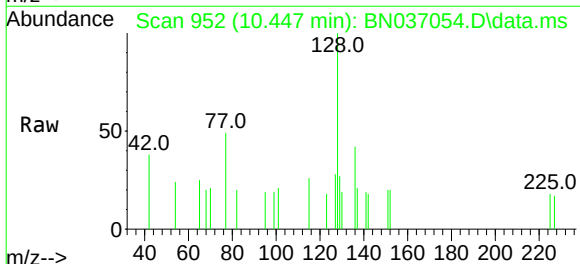
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250514

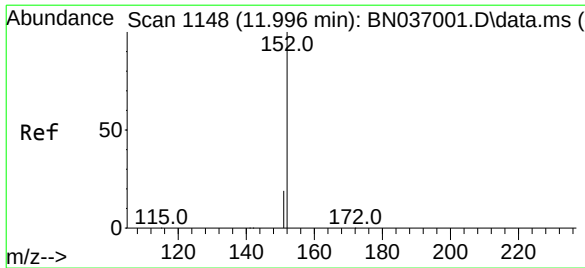
Tgt Ion:	82	Resp:	1878
Ion	Ratio	Lower	Upper
82	100		
128	35.0	34.0	51.0
54	73.3	55.0	82.4



#9
Naphthalene
Concen: 0.023 ng
RT: 10.447 min Scan# 952
Delta R.T. -0.000 min
Lab File: BN037054.D
Acq: 19 May 2025 20:28

Tgt Ion:	128	Resp:	401
Ion	Ratio	Lower	Upper
128	100		
129	26.9	9.7	14.5#
127	28.0	12.4	18.6#

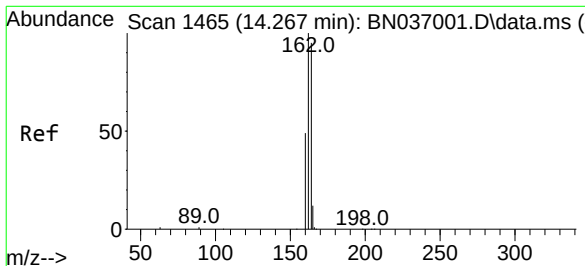
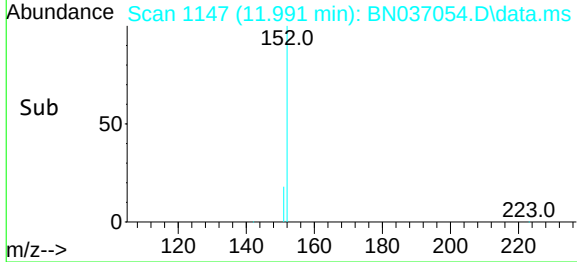
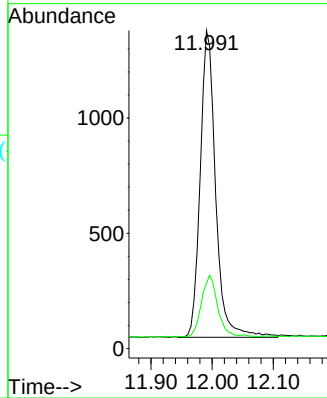
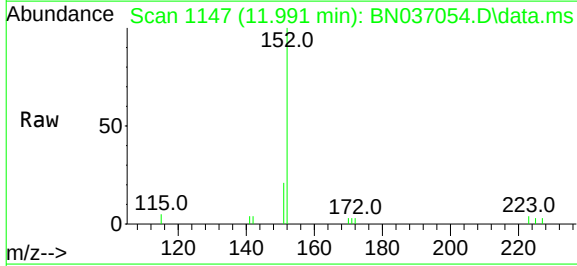




#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 11.991 min Scan# 1148
Delta R.T. -0.005 min
Lab File: BN037054.D
Acq: 19 May 2025 20:28

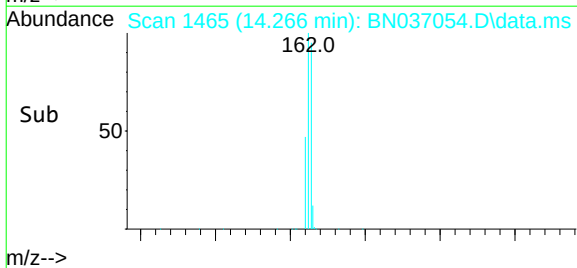
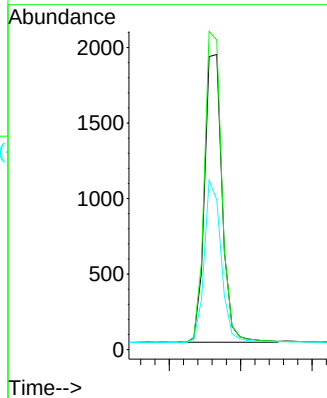
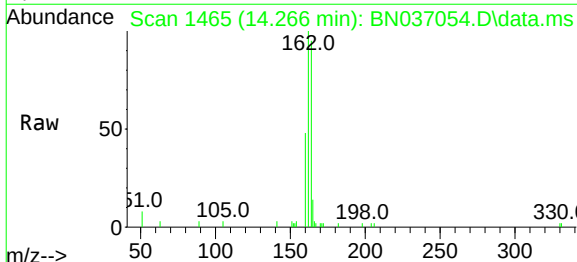
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250514

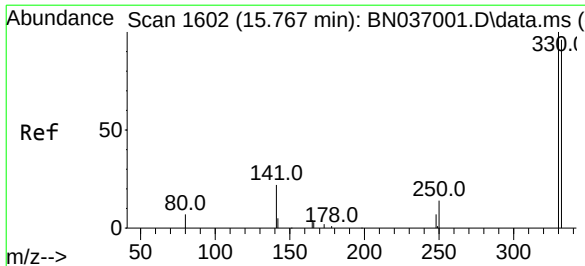
Tgt Ion:152 Resp: 2330
Ion Ratio Lower Upper
152 100
151 21.0 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.266 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BN037054.D
Acq: 19 May 2025 20:28

Tgt Ion:164 Resp: 3268
Ion Ratio Lower Upper
164 100
162 104.9 84.2 126.4
160 50.8 42.6 63.8





#14

2,4,6-Tribromophenol

Concen: 0.306 ng

RT: 15.755 min Scan# 1601

Delta R.T. -0.012 min

Lab File: BN037054.D

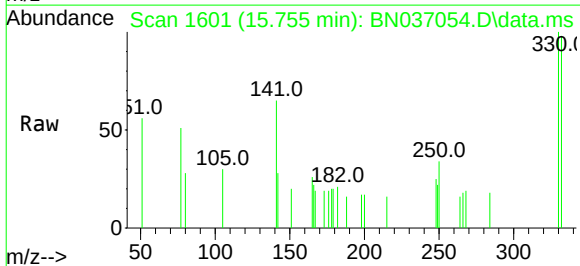
Acq: 19 May 2025 20:28

Instrument :

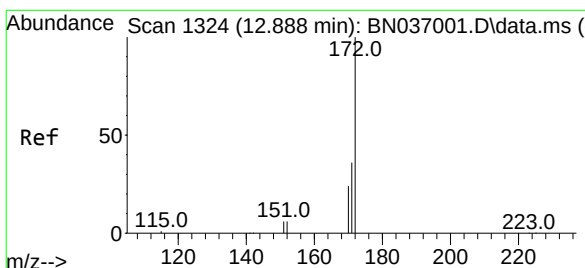
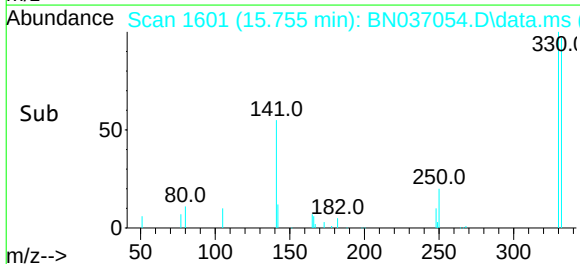
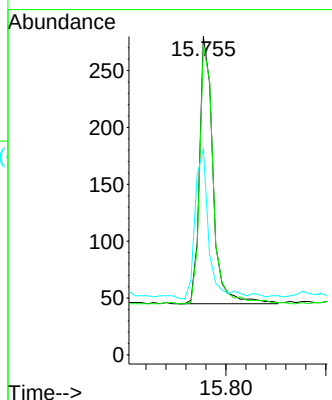
BNA_N

ClientSampleId :

RW7-SP302-20250514



Tgt Ion:	330	Resp:	439
Ion	Ratio	Lower	Upper
330	100		
332	97.9	73.8	110.8
141	55.6	43.9	65.9



#15

2-Fluorobiphenyl

Concen: 0.409 ng

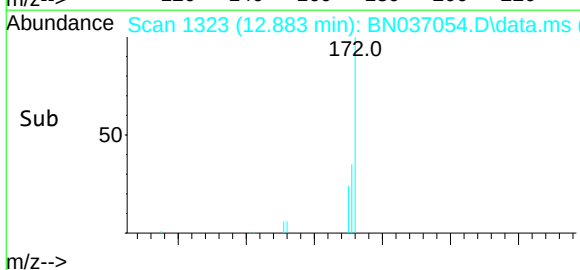
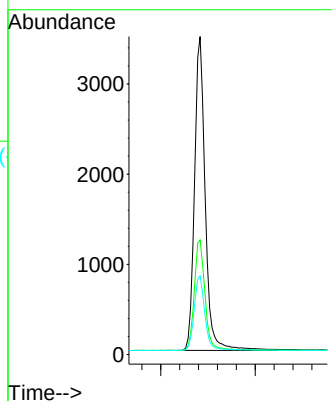
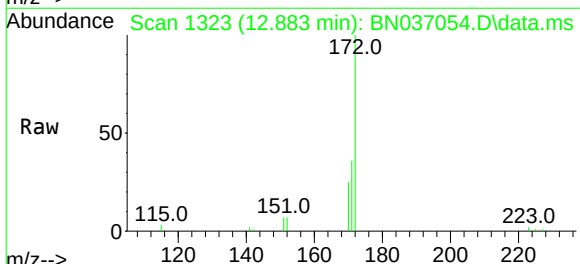
RT: 12.883 min Scan# 1323

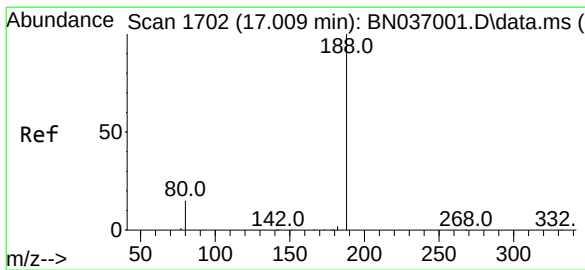
Delta R.T. -0.005 min

Lab File: BN037054.D

Acq: 19 May 2025 20:28

Tgt Ion:	172	Resp:	6126
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	24.8	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: BN037054.D

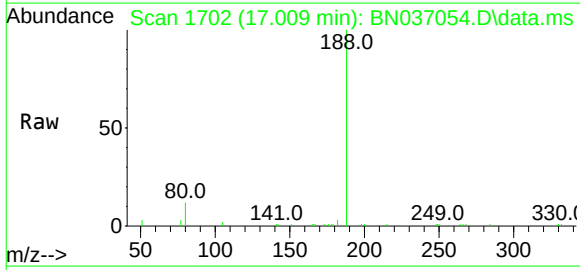
Acq: 19 May 2025 20:28

Instrument :

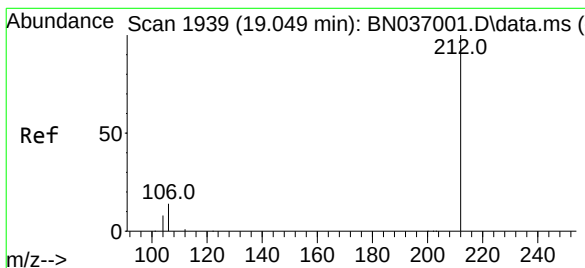
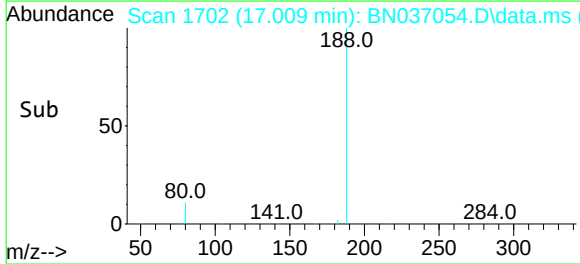
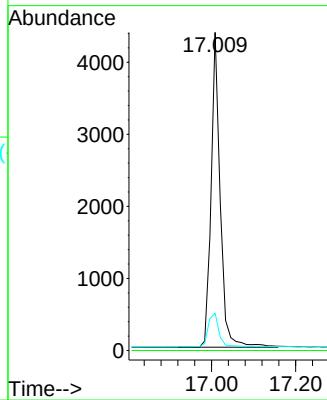
BNA_N

ClientSampleId :

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Tgt Ion:	188	Resp:	6553
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.7	13.4	20.0



#27

Fluoranthene-d10

Concen: 0.325 ng

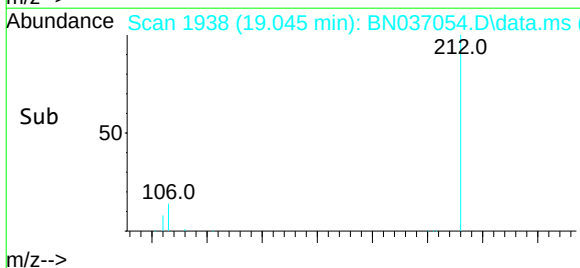
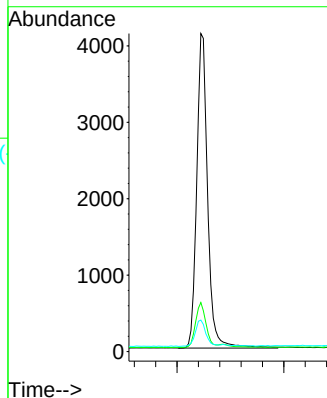
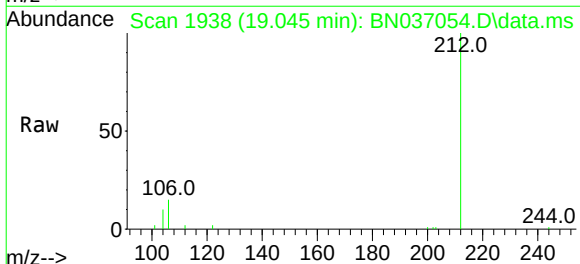
RT: 19.045 min Scan# 1938

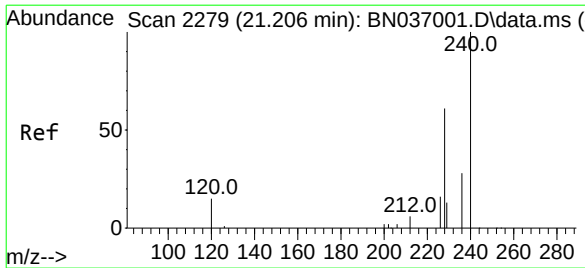
Delta R.T. -0.005 min

Lab File: BN037054.D

Acq: 19 May 2025 20:28

Tgt Ion:	212	Resp:	5844
Ion Ratio	Lower	Upper	
212	100		
106	13.7	11.3	16.9
104	8.2	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: BN037054.D

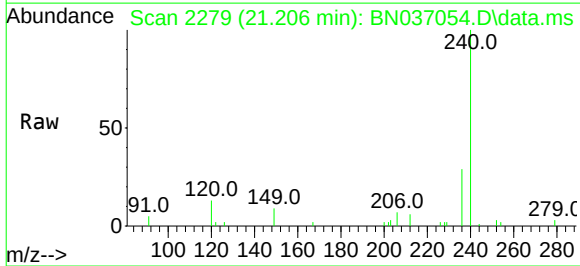
Acq: 19 May 2025 20:28

Instrument :

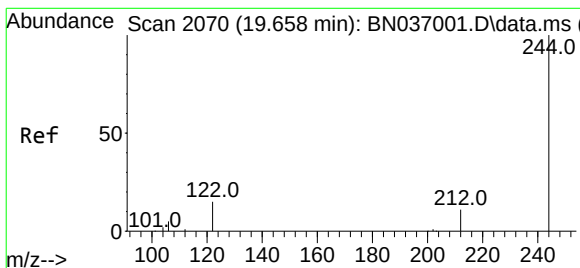
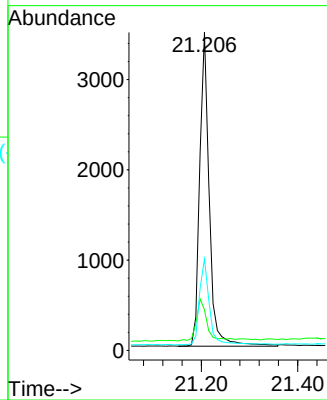
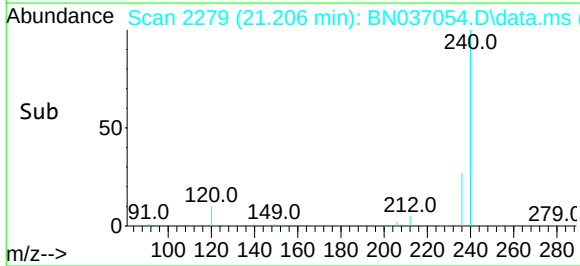
BNA_N

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Tgt Ion:	240	Resp:	4805
Ion	Ratio	Lower	Upper
240	100		
120	12.8	15.1	22.7#
236	28.8	24.0	36.0



#31

Terphenyl-d14

Concen: 0.505 ng

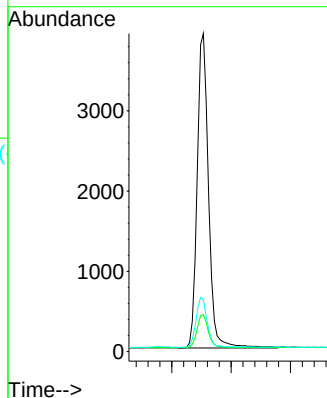
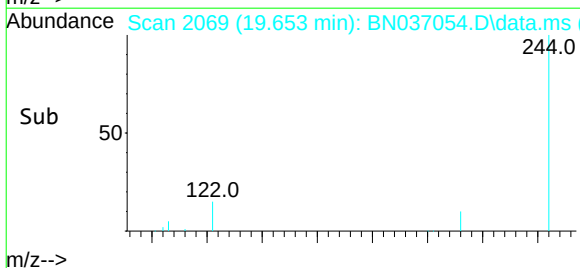
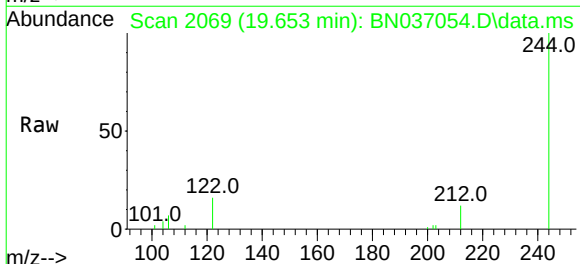
RT: 19.653 min Scan# 2069

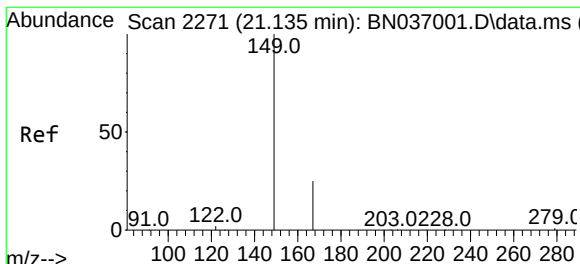
Delta R.T. -0.005 min

Lab File: BN037054.D

Acq: 19 May 2025 20:28

Tgt Ion:	244	Resp:	5194
Ion	Ratio	Lower	Upper
244	100		
212	11.6	9.7	14.5
122	16.4	13.4	20.0

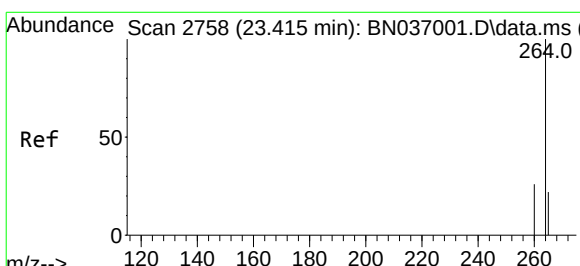
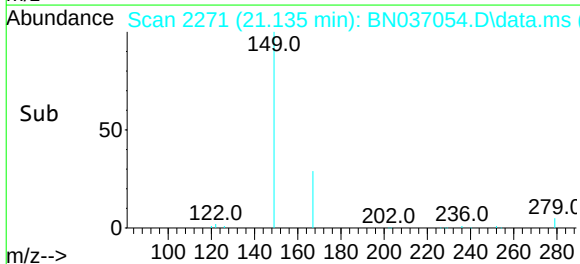
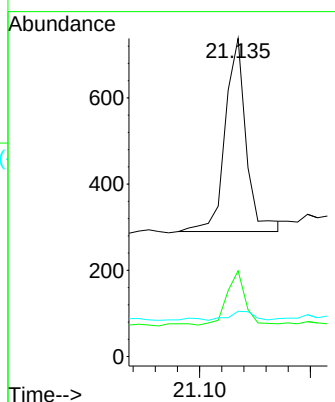
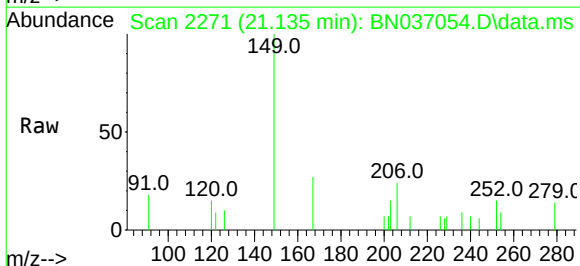




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.053 ng
 RT: 21.135 min Scan# 2271
 Delta R.T. -0.000 min
 Lab File: BN037054.D
 Acq: 19 May 2025 20:28

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP302-20250514

Tgt Ion:	149	Resp:	589
Ion Ratio	Lower	Upper	
149	100		
167	24.6	20.6	30.8
279	5.4	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: BN037054.D
 Acq: 19 May 2025 20:28

Tgt Ion:	264	Resp:	4011
Ion Ratio	Lower	Upper	
264	100		
260	27.4	21.9	32.9
265	68.1	51.6	77.4

