

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037047.D
 Acq On : 19 May 2025 16:15
 Operator : RC/JU
 Sample : Q2064-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-90-20250514

Quant Time: May 19 17:24:27 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)

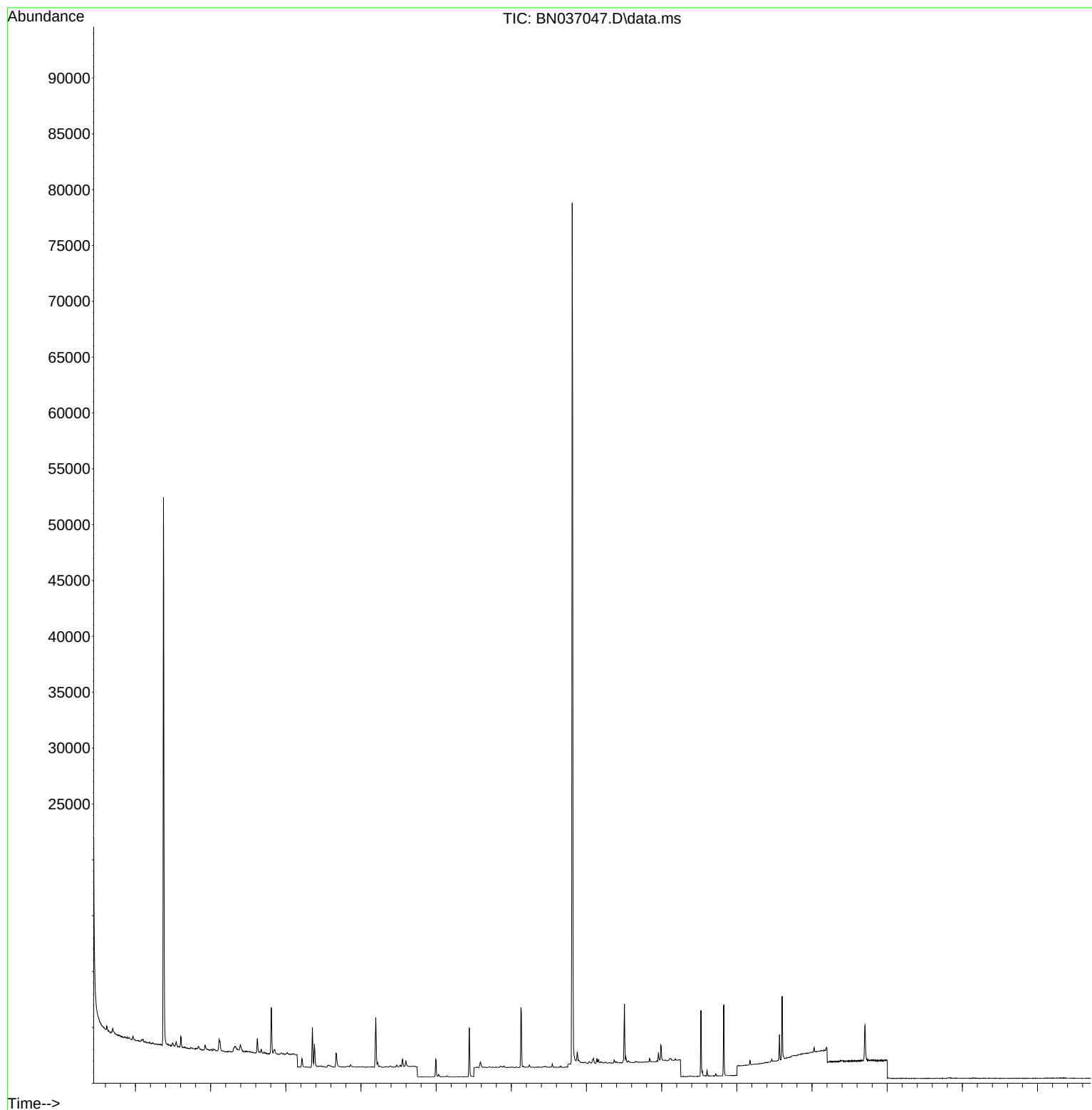
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	2025	0.400	ng	0.00
7) Naphthalene-d8	10.393	136	5455	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	3218	0.400	ng	-0.01
19) Phenanthrene-d10	17.008	188	6585	0.400	ng	# 0.00
29) Chrysene-d12	21.206	240	5247	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	4400	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	668	0.126	ng	0.00
5) Phenol-d6	6.795	99	495	0.075	ng	0.00
8) Nitrobenzene-d5	8.760	82	1662	0.280	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2168	0.282	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	449	0.318	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	4198	0.285	ng	0.00
27) Fluoranthene-d10	19.045	212	6218	0.344	ng	0.00
31) Terphenyl-d14	19.653	244	5829	0.519	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.447	128	555	0.034	ng	# 73
25) Phenanthrene	17.046	178	516	0.024	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.135	149	1996	0.164	ng	99

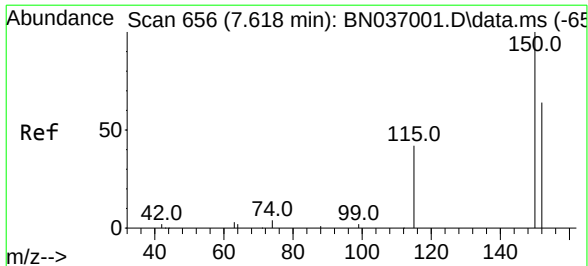
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
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ALS Vial : 11 Sample Multiplier: 1

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RW8-SP303-90-20250514

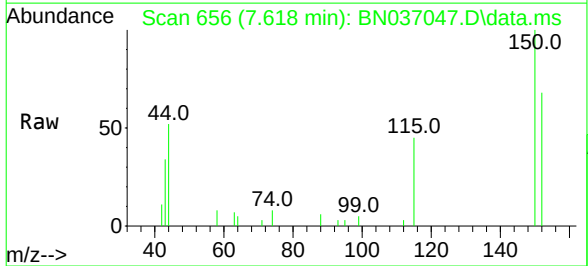
Quant Time: May 19 17:24:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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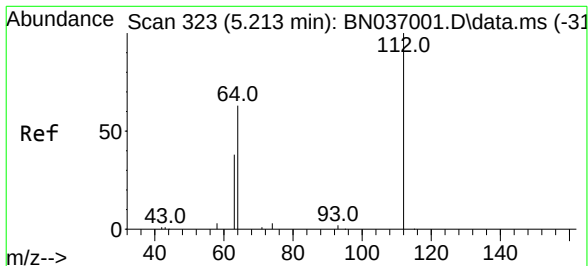
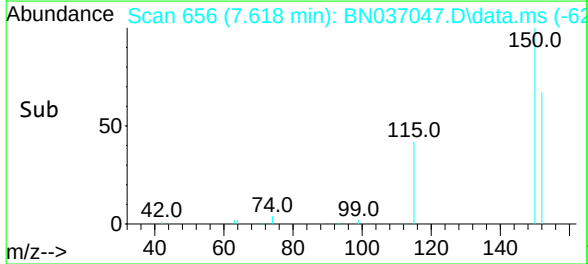
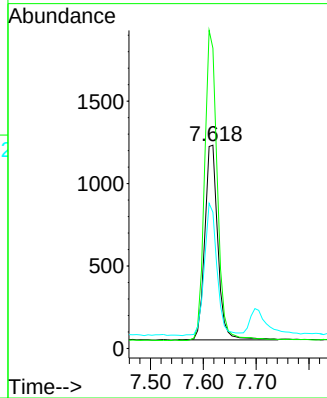


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.618 min Scan# 656
Delta R.T. 0.000 min
Lab File: BN037047.D
Acq: 19 May 2025 16:15

Instrument :
BNA_N
ClientSampleId :
RW8-SP303-90-20250514

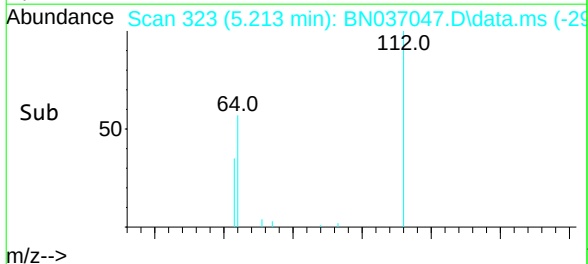
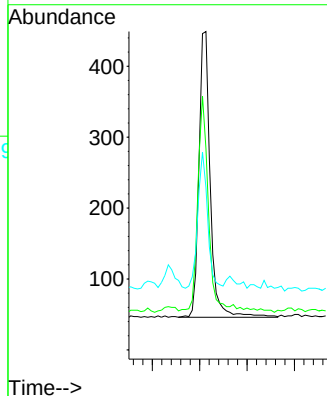
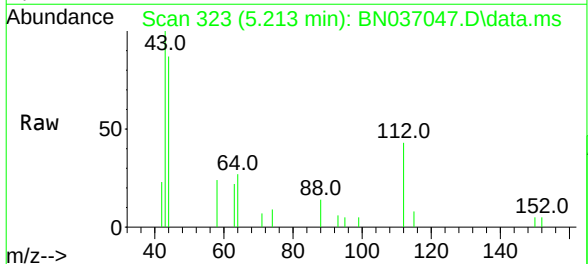


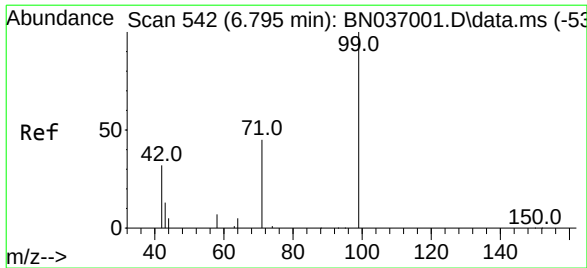
Tgt Ion:152 Resp: 2025
Ion Ratio Lower Upper
152 100
150 147.7 123.9 185.9
115 67.0 55.8 83.8



#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.213 min Scan# 323
Delta R.T. 0.000 min
Lab File: BN037047.D
Acq: 19 May 2025 16:15

Tgt Ion:112 Resp: 668
Ion Ratio Lower Upper
112 100
64 74.0 55.7 83.5
63 43.7 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: BN037047.D

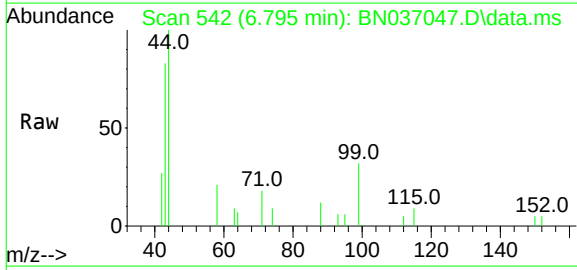
Acq: 19 May 2025 16:15

Instrument :

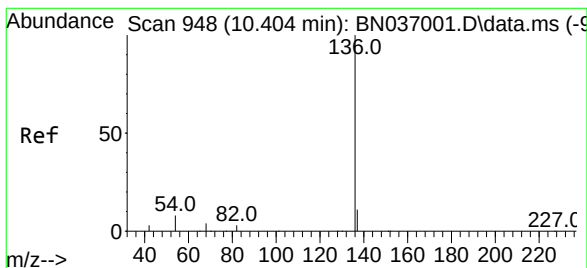
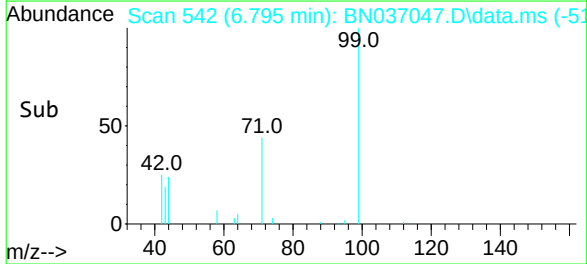
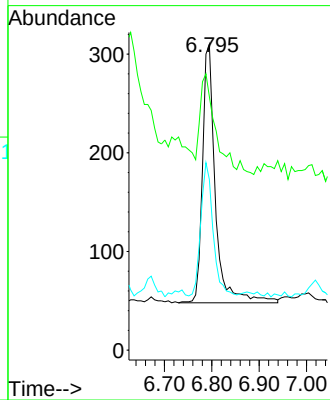
BNA_N

ClientSampleId :

RW8-SP303-90-20250514



Tgt Ion	Ratio	Lower	Upper
99	100		
42	40.6	29.3	43.9
71	49.5	35.7	53.5



#7

Naphthalene-d8

Concen: 0.400 ng

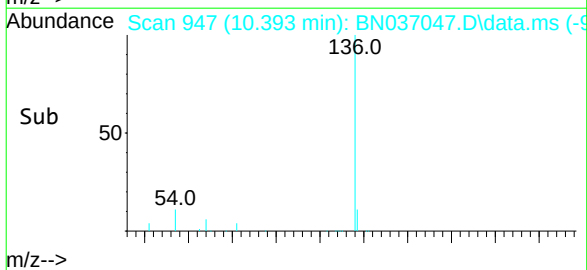
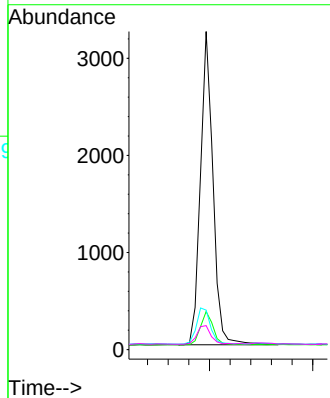
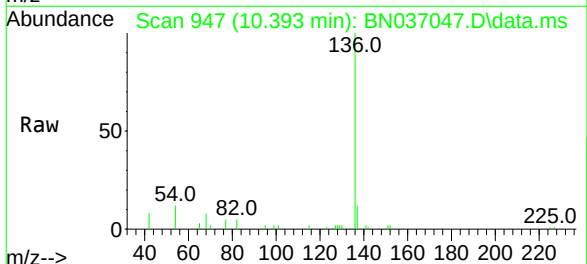
RT: 10.393 min Scan# 947

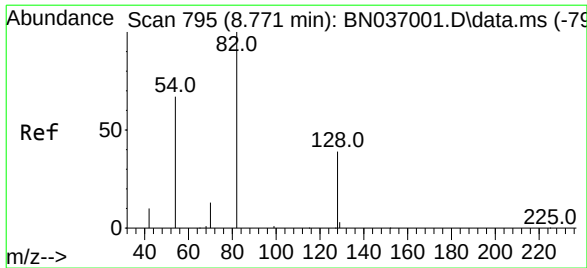
Delta R.T. -0.011 min

Lab File: BN037047.D

Acq: 19 May 2025 16:15

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.4	15.6
54	12.4	8.5	12.7
68	7.5	5.1	7.7

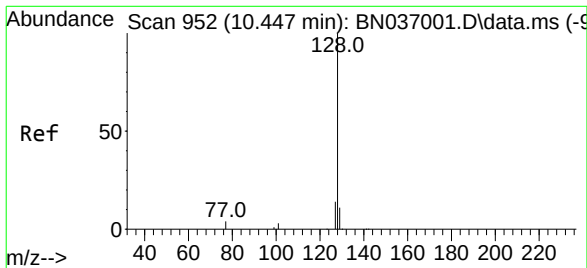
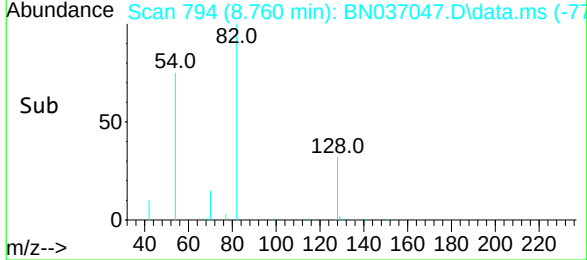
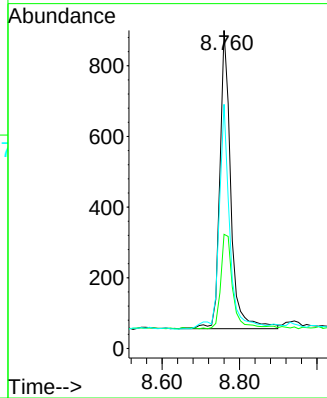
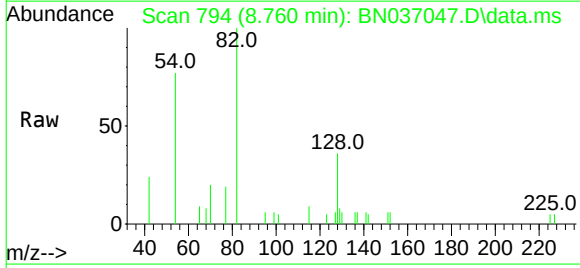




#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.760 min Scan# 795
Delta R.T. -0.011 min
Lab File: BN037047.D
Acq: 19 May 2025 16:15

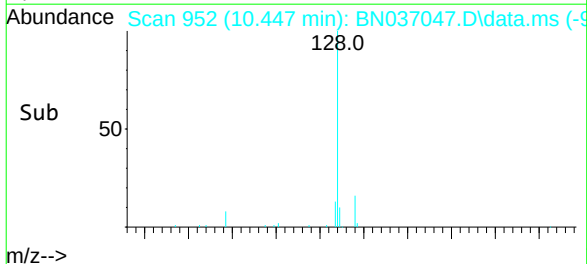
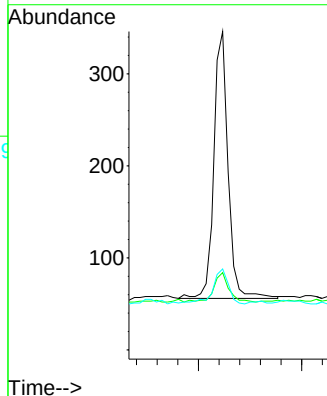
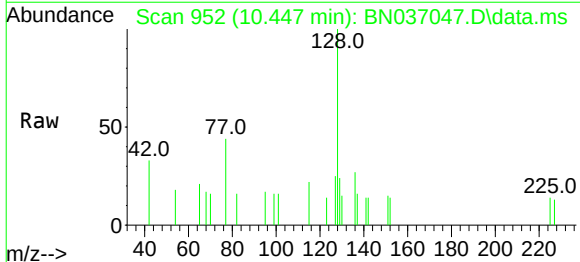
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-90-20250514

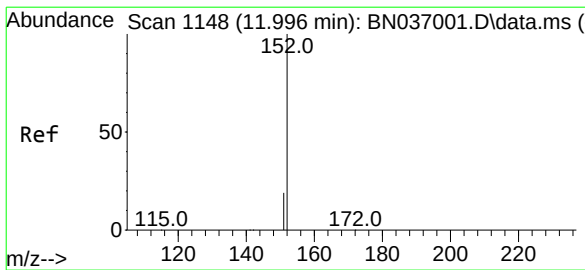
Tgt Ion:	82	Resp:	1662
Ion	Ratio	Lower	Upper
82	100		
128	35.9	34.0	51.0
54	76.8	55.0	82.4



#9
Naphthalene
Concen: 0.034 ng
RT: 10.447 min Scan# 952
Delta R.T. -0.000 min
Lab File: BN037047.D
Acq: 19 May 2025 16:15

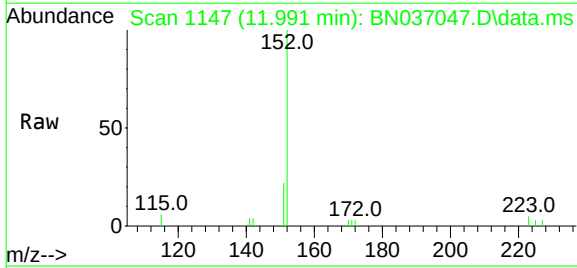
Tgt Ion:	128	Resp:	555
Ion	Ratio	Lower	Upper
128	100		
129	24.3	9.7	14.5#
127	25.4	12.4	18.6#



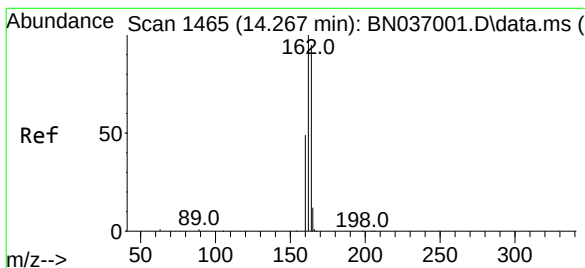
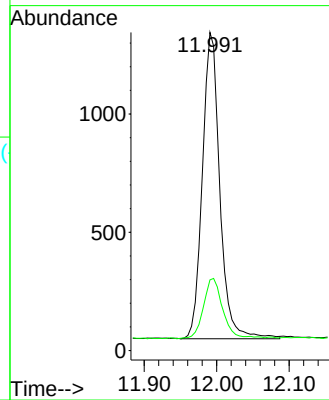
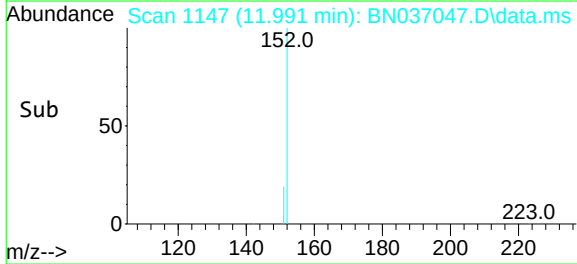


#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 11.991 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037047.D
Acq: 19 May 2025 16:15

Instrument :
BNA_N
ClientSampleId :
RW8-SP303-90-20250514

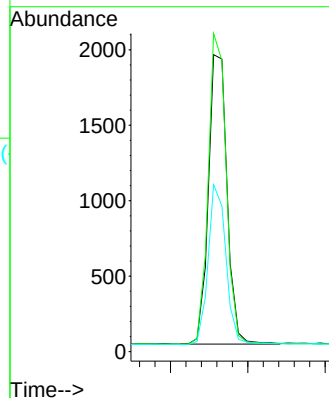
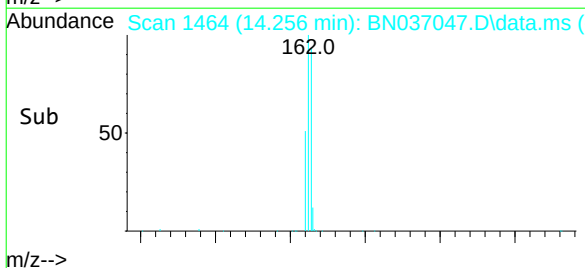
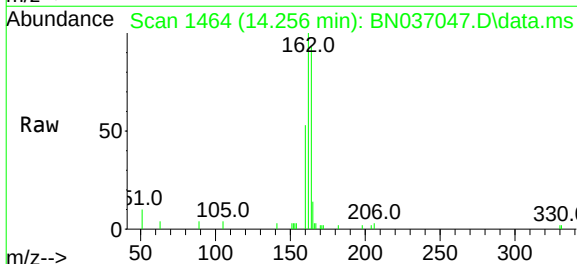


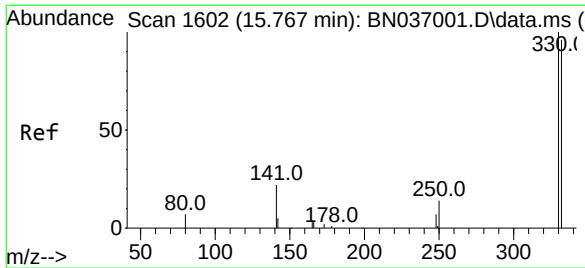
Tgt Ion:152 Resp: 2168
Ion Ratio Lower Upper
152 100
151 22.0 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037047.D
Acq: 19 May 2025 16:15

Tgt Ion:164 Resp: 3218
Ion Ratio Lower Upper
164 100
162 107.1 84.2 126.4
160 56.3 42.6 63.8





#14

2,4,6-Tribromophenol

Concen: 0.318 ng

RT: 15.755 min Scan# 16

Delta R.T. -0.012 min

Lab File: BN037047.D

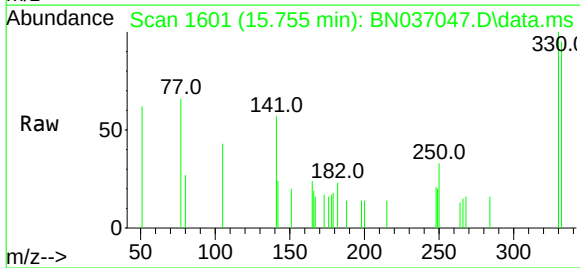
Acq: 19 May 2025 16:15

Instrument :

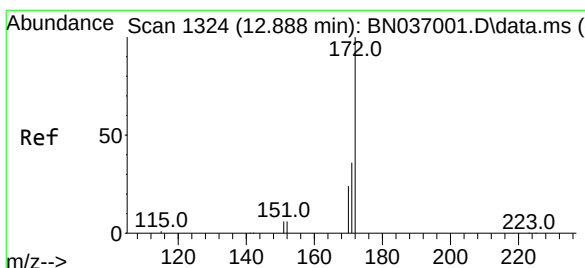
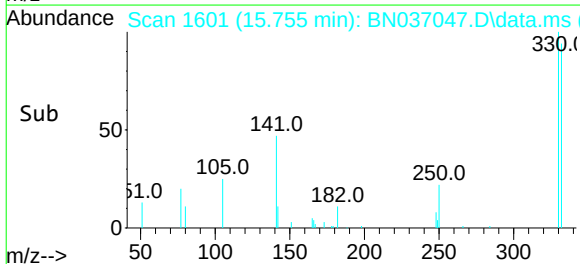
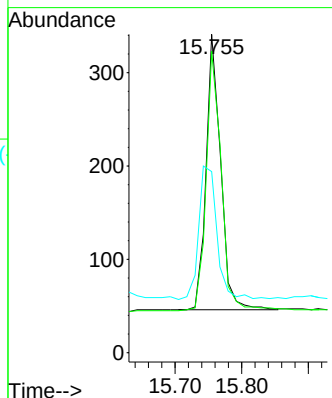
BNA_N

ClientSampleId :

RW8-SP303-90-20250514



Tgt Ion:	330	Resp:	449
Ion Ratio	Lower	Upper	
330	100		
332	97.8	73.8	110.8
141	60.6	43.9	65.9



#15

2-Fluorobiphenyl

Concen: 0.285 ng

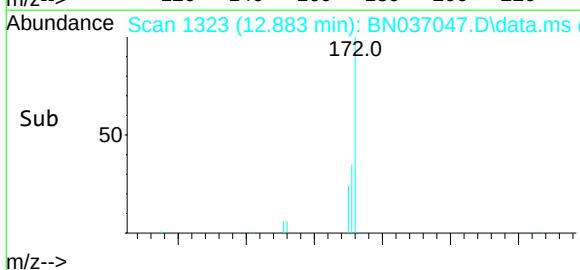
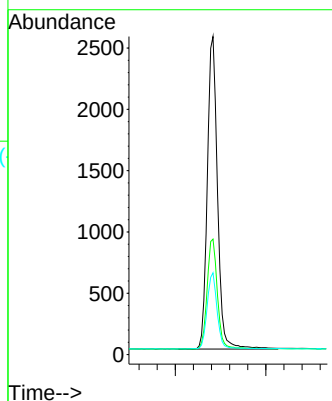
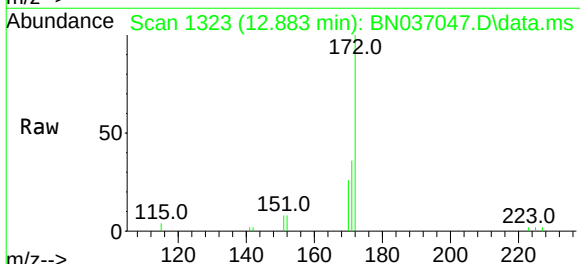
RT: 12.883 min Scan# 1323

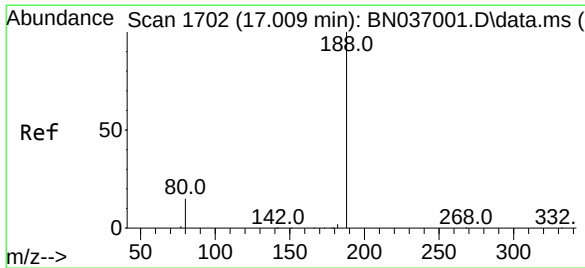
Delta R.T. -0.005 min

Lab File: BN037047.D

Acq: 19 May 2025 16:15

Tgt Ion:	172	Resp:	4198
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.2	43.8
170	25.7	20.5	30.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.008 min Scan# 17

Delta R.T. -0.000 min

Lab File: BN037047.D

Acq: 19 May 2025 16:15

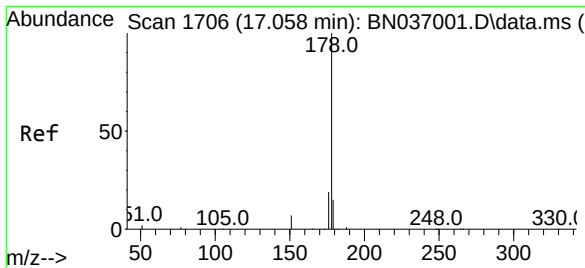
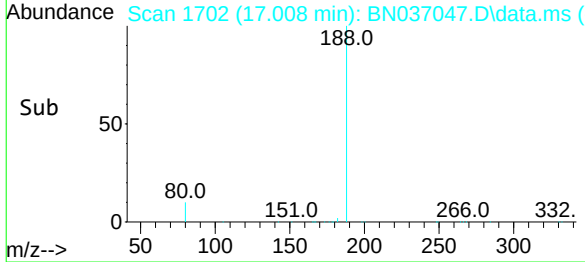
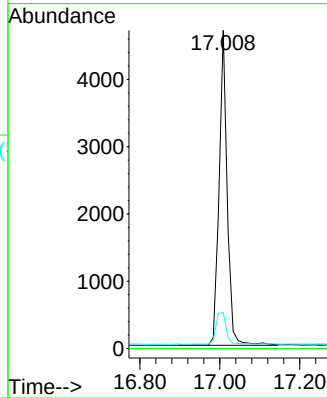
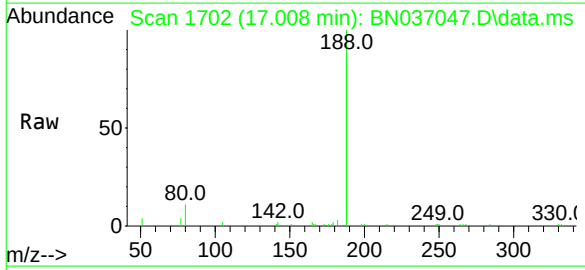
Instrument :

BNA_N

ClientSampleId :

RW8-SP303-90-20250514

Tgt Ion:	188	Resp:	6585
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.3	13.4	20.0#



#25

Phenanthrene

Concen: 0.024 ng

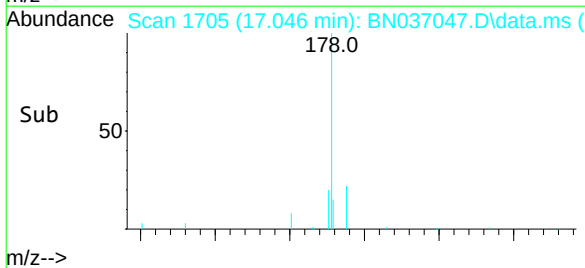
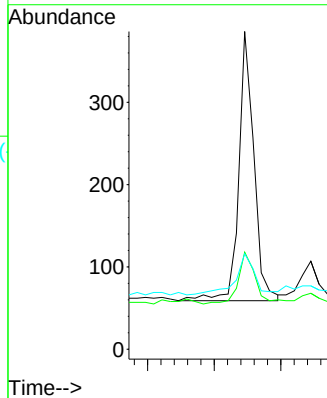
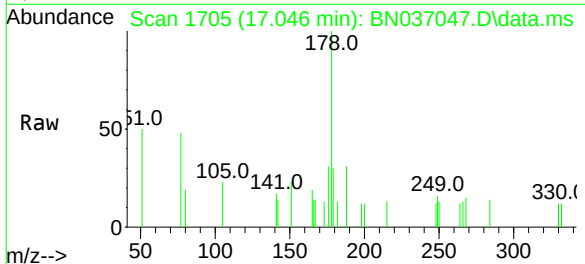
RT: 17.046 min Scan# 1705

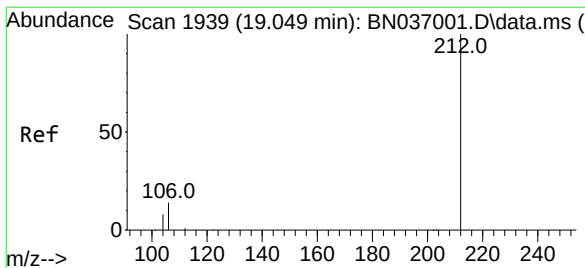
Delta R.T. -0.012 min

Lab File: BN037047.D

Acq: 19 May 2025 16:15

Tgt Ion:	178	Resp:	516
Ion Ratio	Lower	Upper	
178	100		
176	22.3	15.7	23.5
179	19.2	12.2	18.2#





#27

Fluoranthene-d10

Concen: 0.344 ng

RT: 19.045 min Scan# 19

Delta R.T. -0.005 min

Lab File: BN037047.D

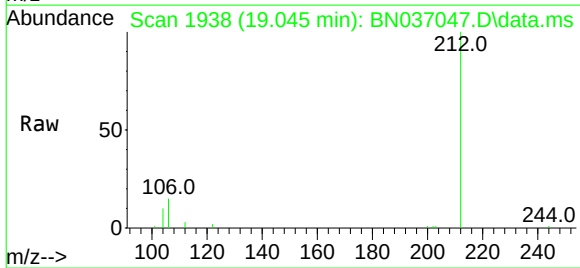
Acq: 19 May 2025 16:15

Instrument :

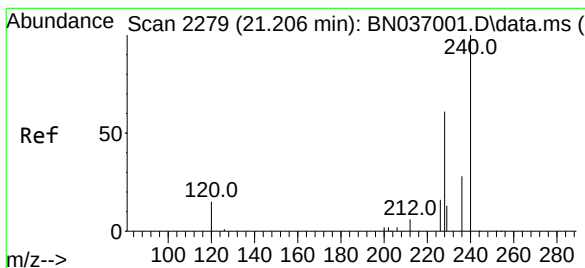
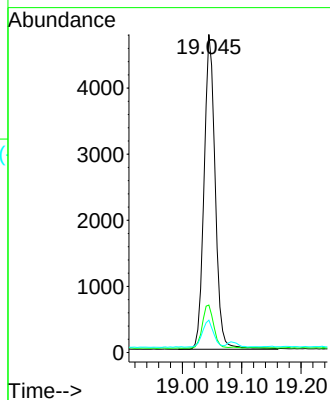
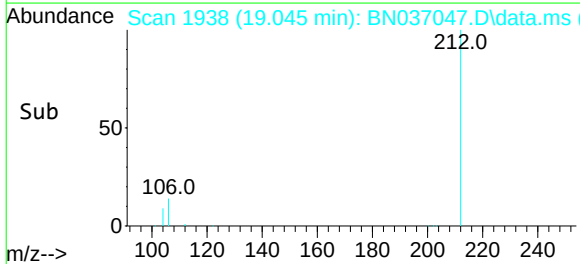
BNA_N

ClientSampleId :

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Tgt Ion:	212	Resp:	6218
Ion	Ratio	Lower	Upper
212	100		
106	13.8	11.3	16.9
104	8.4	6.7	10.1



#29

Chrysene-d12

Concen: 0.400 ng

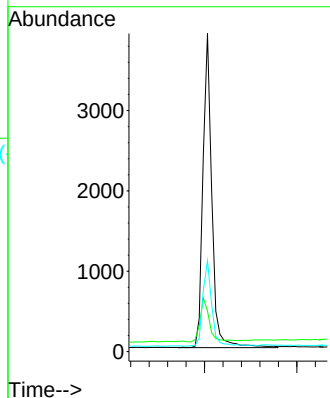
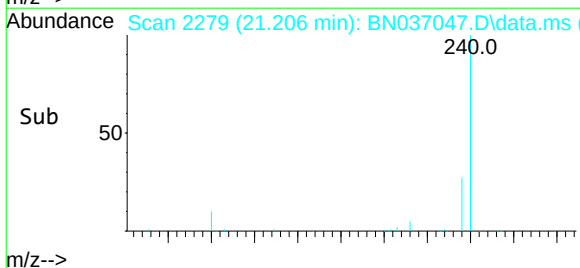
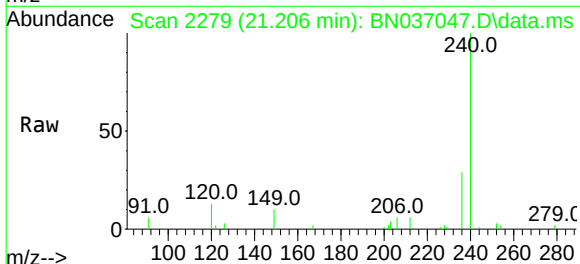
RT: 21.206 min Scan# 2279

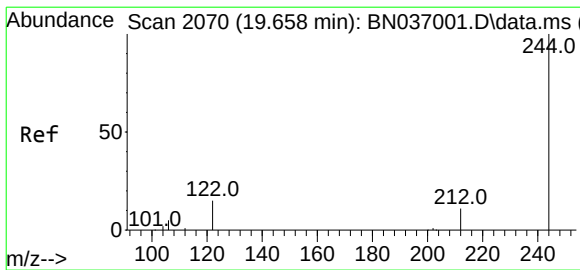
Delta R.T. -0.000 min

Lab File: BN037047.D

Acq: 19 May 2025 16:15

Tgt Ion:	240	Resp:	5247
Ion	Ratio	Lower	Upper
240	100		
120	12.8	15.1	22.7#
236	28.6	24.0	36.0





#31

Terphenyl-d14

Concen: 0.519 ng

RT: 19.653 min Scan# 2070

Delta R.T. -0.005 min

Lab File: BN037047.D

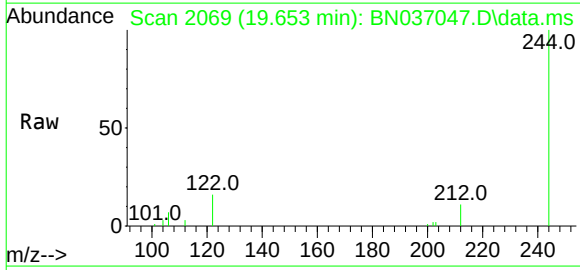
Acq: 19 May 2025 16:15

Instrument :

BNA_N

ClientSampleId :

RW8-SP303-90-20250514



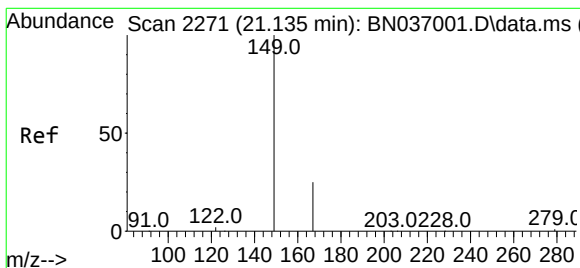
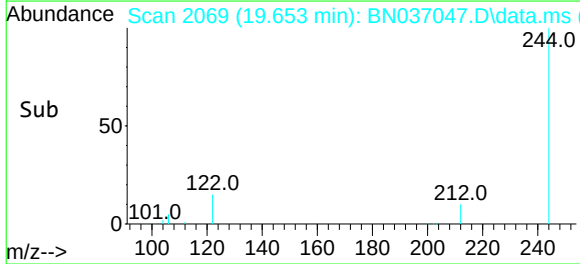
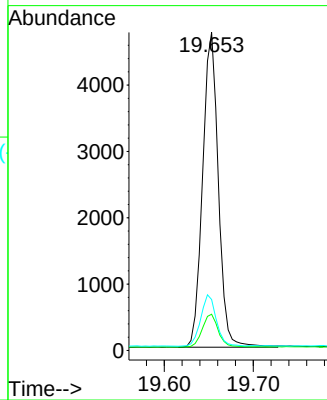
Tgt Ion:244 Resp: 5829

Ion Ratio Lower Upper

244 100

212 11.4 9.7 14.5

122 16.0 13.4 20.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.164 ng

RT: 21.135 min Scan# 2271

Delta R.T. -0.000 min

Lab File: BN037047.D

Acq: 19 May 2025 16:15

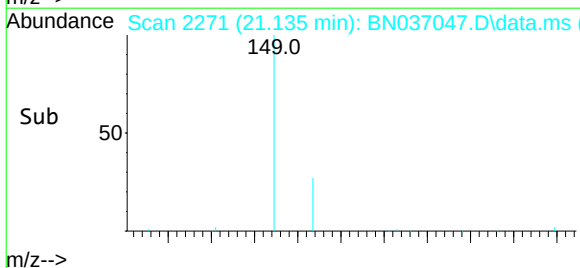
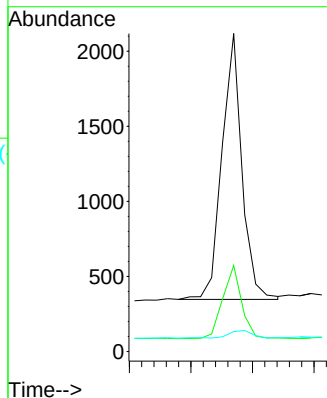
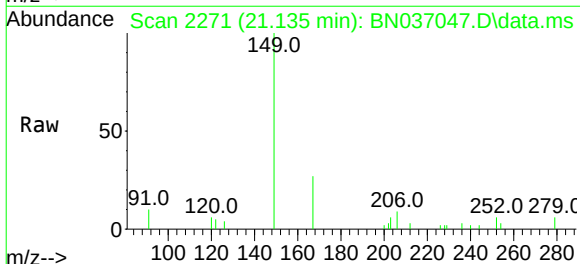
Tgt Ion:149 Resp: 1996

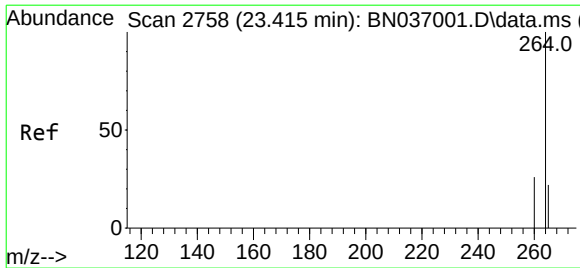
Ion Ratio Lower Upper

149 100

167 26.1 20.6 30.8

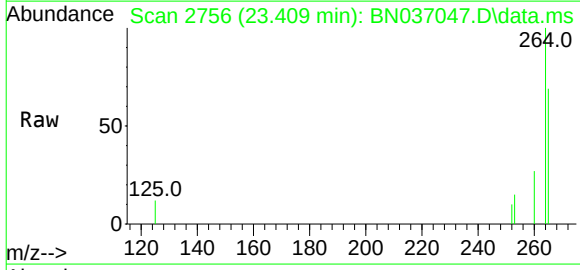
279 3.6 2.6 3.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.409 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN037047.D
Acq: 19 May 2025 16:15

Instrument :
BNA_N
ClientSampleId :
RW8-SP303-90-20250514



Tgt Ion:	264	Resp:	4400
Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.9	32.9
265	69.0	51.6	77.4

