

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037045.D
 Acq On : 19 May 2025 15:03
 Operator : RC/JU
 Sample : Q2064-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP201-90-20250514

Quant Time: May 19 15:44:27 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)

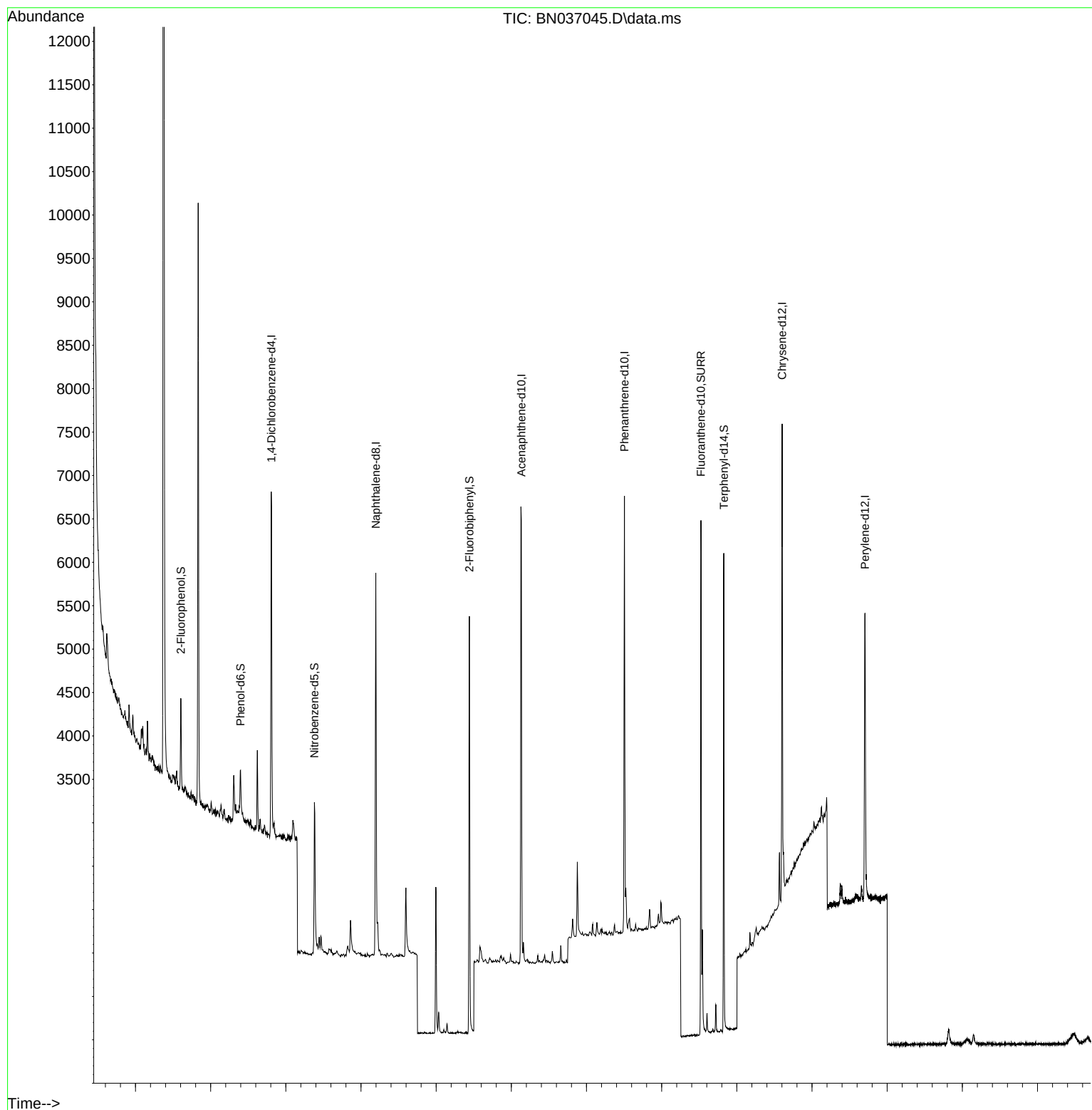
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	2089	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5673	0.400	ng	#-0.01
13) Acenaphthene-d10	14.267	164	3262	0.400	ng	0.00
19) Phenanthrene-d10	17.009	188	6500	0.400	ng	# 0.00
29) Chrysene-d12	21.207	240	5189	0.400	ng	# 0.00
35) Perylene-d12	23.410	264	4615	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	736	0.134	ng	0.00
5) Phenol-d6	6.795	99	522	0.076	ng	0.00
8) Nitrobenzene-d5	8.760	82	1767	0.286	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2447	0.306	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	465	0.325	ng	-0.01
15) 2-Fluorobiphenyl	12.884	172	5046	0.338	ng	0.00
27) Fluoranthene-d10	19.045	212	6621	0.371	ng	0.00
31) Terphenyl-d14	19.653	244	5225	0.471	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.447	128	413	0.025	ng	# 63
25) Phenanthrene	17.046	178	432	0.020	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.135	149	594	0.049	ng	# 99

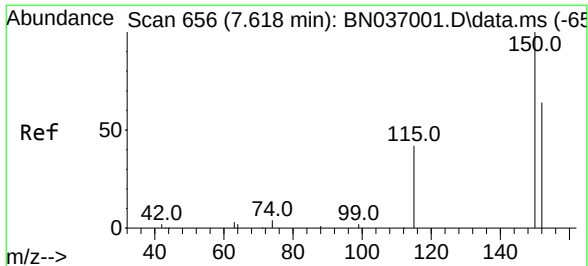
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
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RW8-SP201-90-20250514

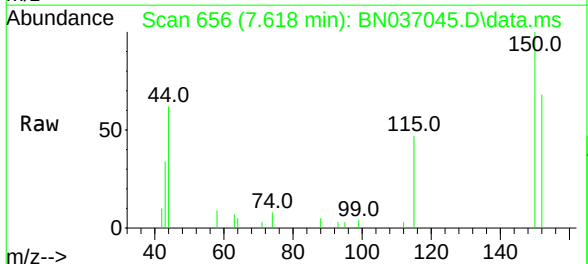
Quant Time: May 19 15:44:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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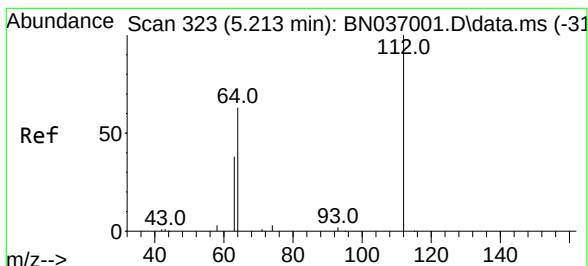
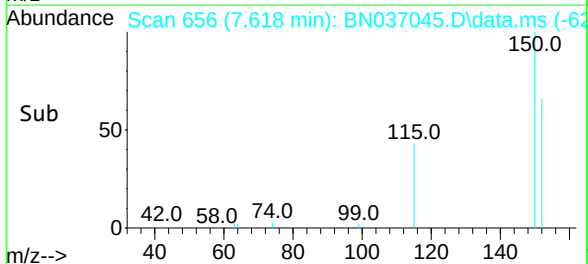
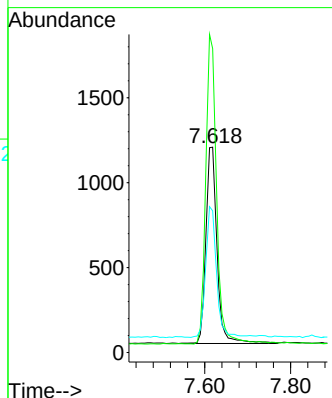


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.618 min Scan# 65
 Delta R.T. 0.000 min
 Lab File: BN037045.D
 Acq: 19 May 2025 15:03

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP201-90-20250514

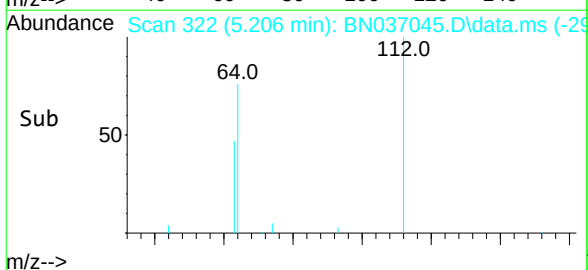
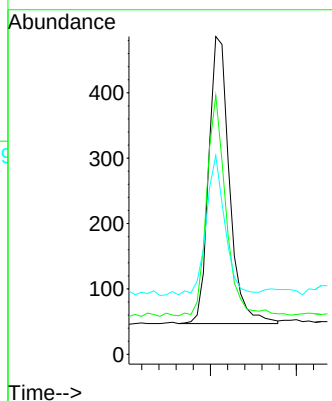
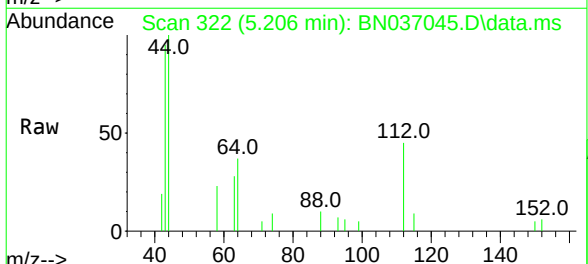


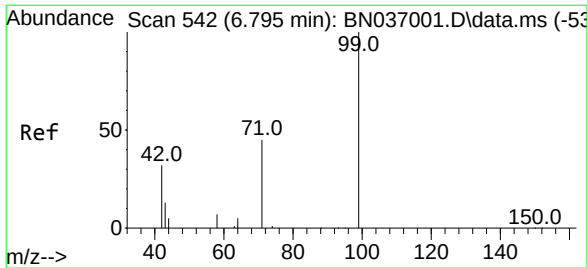
Tgt Ion:	152	Resp:	2089
Ion	Ratio	Lower	Upper
152	100		
150	148.0	123.9	185.9
115	69.0	55.8	83.8



#4
 2-Fluorophenol
 Concen: 0.134 ng
 RT: 5.206 min Scan# 322
 Delta R.T. -0.007 min
 Lab File: BN037045.D
 Acq: 19 May 2025 15:03

Tgt Ion:	112	Resp:	736
Ion	Ratio	Lower	Upper
112	100		
64	70.9	55.7	83.5
63	43.8	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: BN037045.D

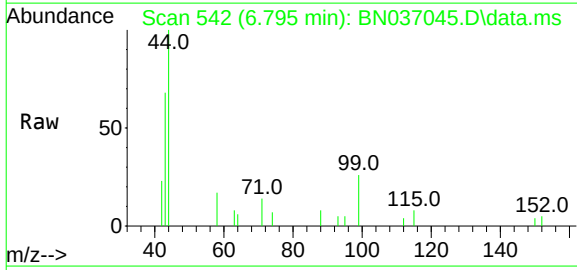
Acq: 19 May 2025 15:03

Instrument :

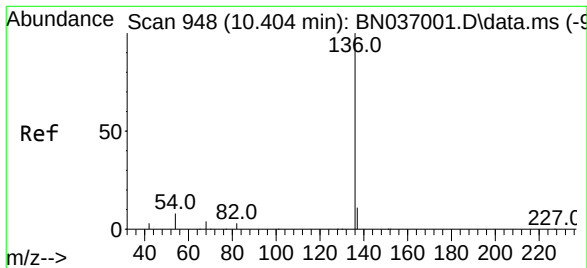
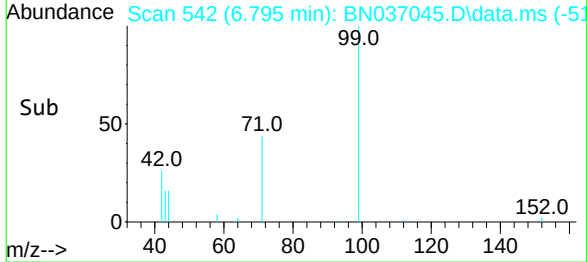
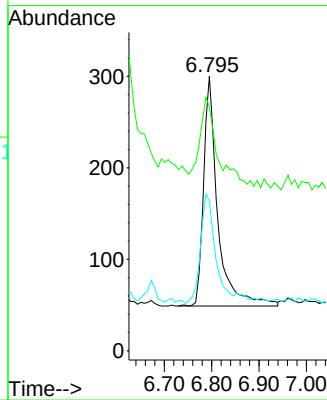
BNA_N

ClientSampleId :

RW8-SP201-90-20250514



Tgt Ion	Ratio	Lower	Upper
99	100		
42	45.2	29.3	43.9#
71	49.4	35.7	53.5



#7

Naphthalene-d8

Concen: 0.400 ng

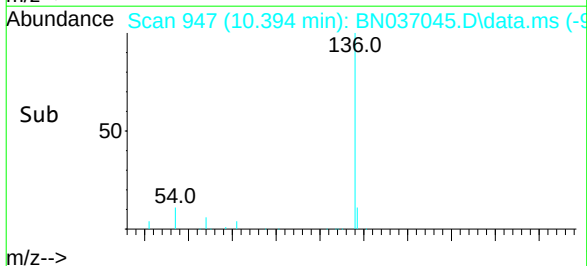
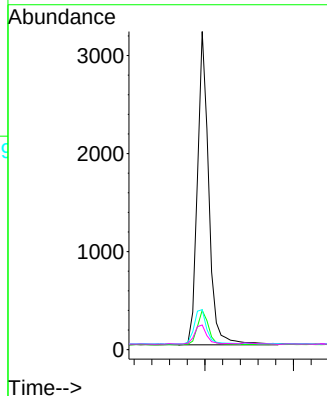
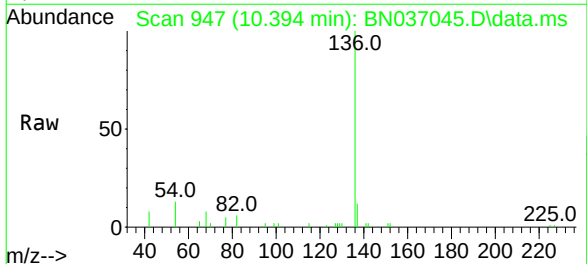
RT: 10.394 min Scan# 947

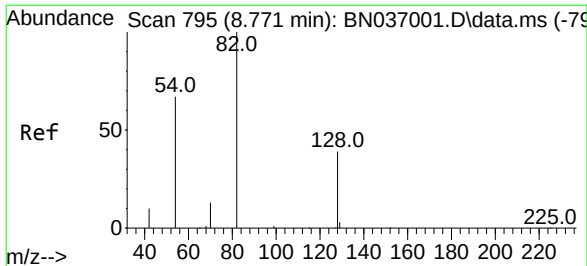
Delta R.T. -0.010 min

Lab File: BN037045.D

Acq: 19 May 2025 15:03

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.4	15.6
54	12.6	8.5	12.7
68	7.7	5.1	7.7#

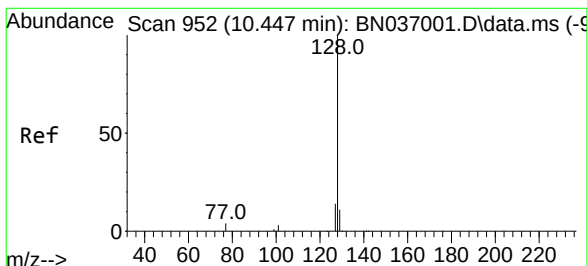
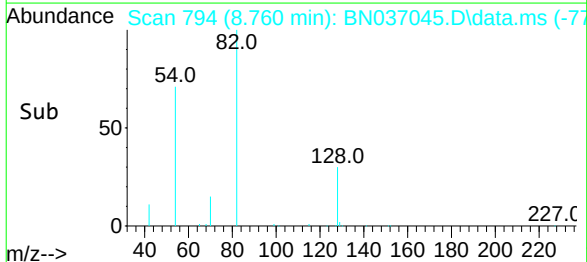
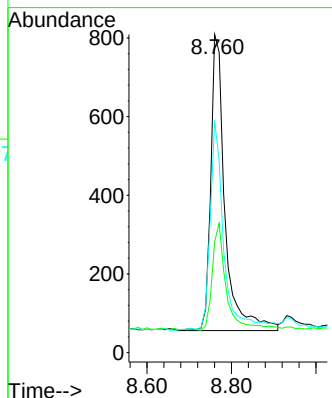
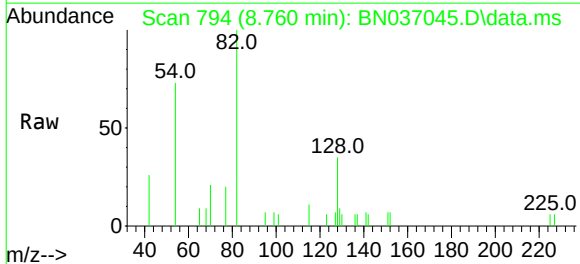




#8
 Nitrobenzene-d5
 Concen: 0.286 ng
 RT: 8.760 min Scan# 795
 Delta R.T. -0.010 min
 Lab File: BN037045.D
 Acq: 19 May 2025 15:03

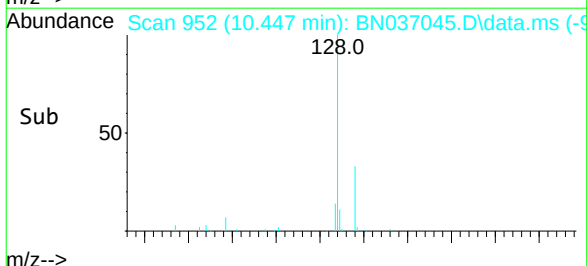
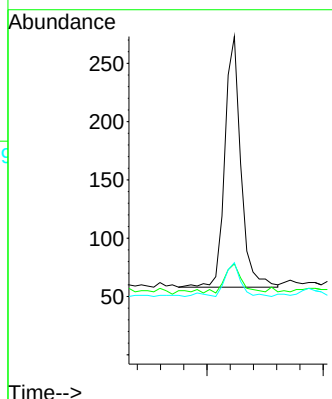
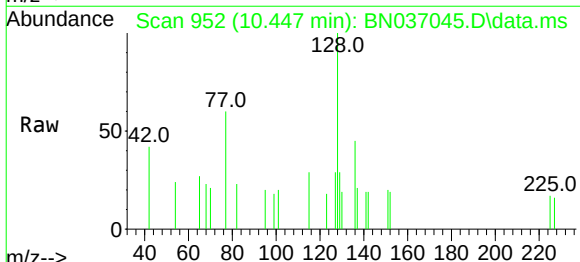
Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP201-90-20250514

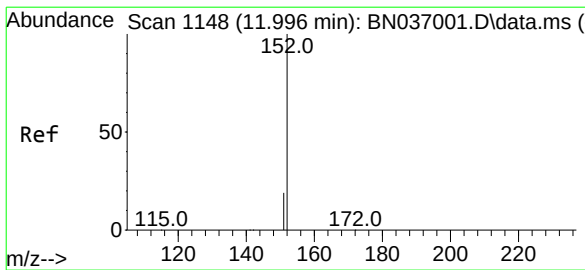
Tgt Ion:	82	Resp:	1767
Ion	Ratio	Lower	Upper
82	100		
128	34.9	34.0	51.0
54	72.9	55.0	82.4



#9
 Naphthalene
 Concen: 0.025 ng
 RT: 10.447 min Scan# 952
 Delta R.T. 0.000 min
 Lab File: BN037045.D
 Acq: 19 May 2025 15:03

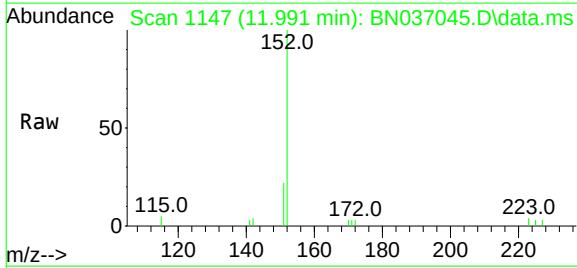
Tgt Ion:	128	Resp:	413
Ion	Ratio	Lower	Upper
128	100		
129	28.6	9.7	14.5#
127	28.9	12.4	18.6#



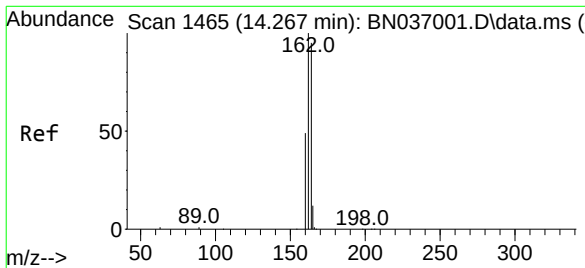
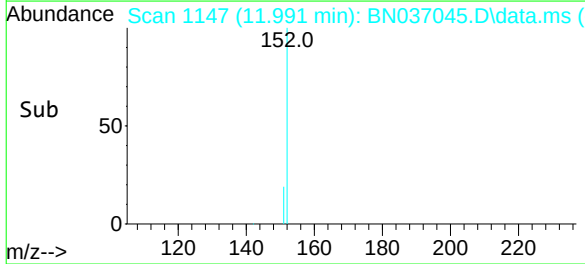
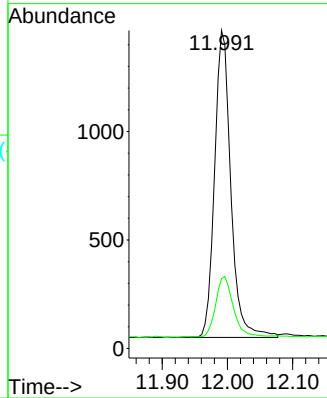


#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 11.991 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN037045.D
Acq: 19 May 2025 15:03

Instrument :
BNA_N
ClientSampleId :
RW8-SP201-90-20250514

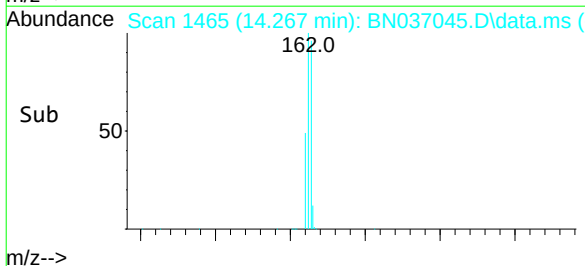
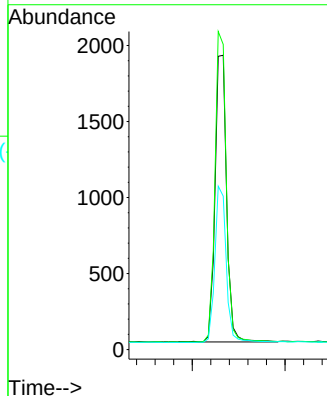
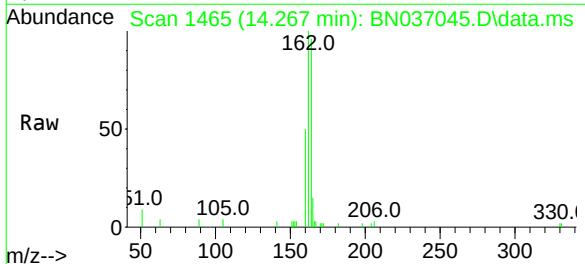


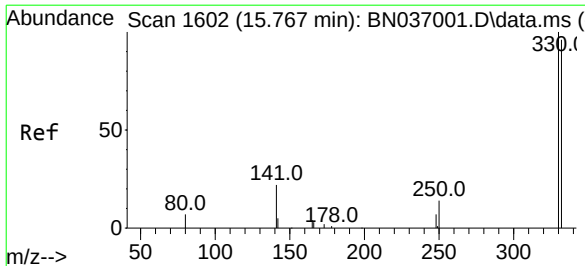
Tgt Ion:152 Resp: 2447
Ion Ratio Lower Upper
152 100
151 21.3 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.267 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN037045.D
Acq: 19 May 2025 15:03

Tgt Ion:164 Resp: 3262
Ion Ratio Lower Upper
164 100
162 103.7 84.2 126.4
160 52.1 42.6 63.8





#14

2,4,6-Tribromophenol

Concen: 0.325 ng

RT: 15.755 min Scan# 16

Delta R.T. -0.012 min

Lab File: BN037045.D

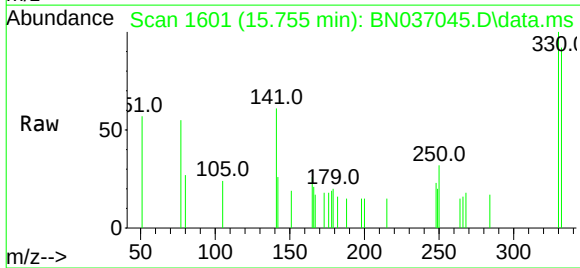
Acq: 19 May 2025 15:03

Instrument :

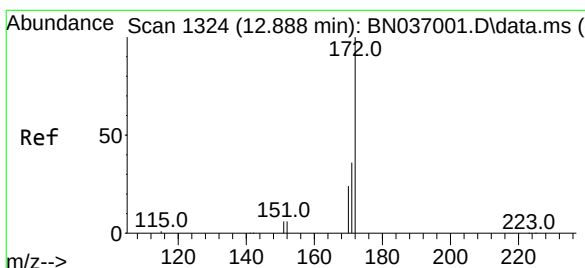
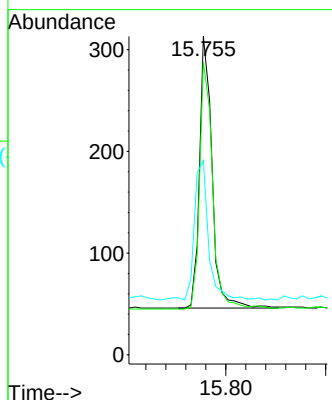
BNA_N

ClientSampleId :

RW8-SP201-90-20250514



Tgt Ion:	330	Resp:	465
Ion	Ratio	Lower	Upper
330	100		
332	94.4	73.8	110.8
141	57.6	43.9	65.9



#15

2-Fluorobiphenyl

Concen: 0.338 ng

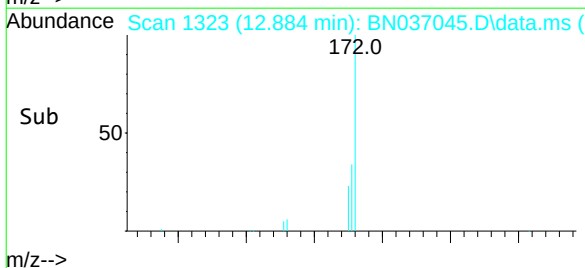
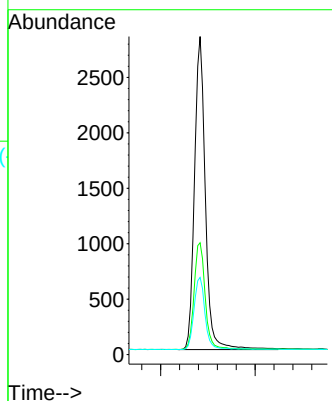
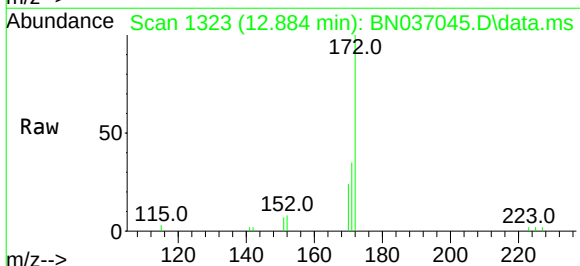
RT: 12.884 min Scan# 1323

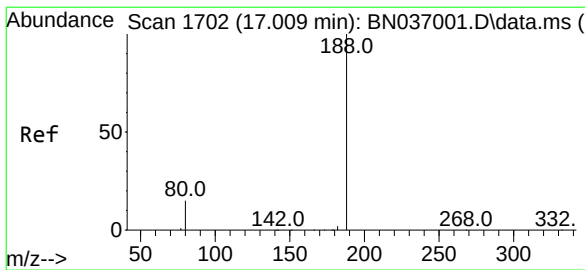
Delta R.T. -0.005 min

Lab File: BN037045.D

Acq: 19 May 2025 15:03

Tgt Ion:	172	Resp:	5046
Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.2	43.8
170	24.3	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: BN037045.D

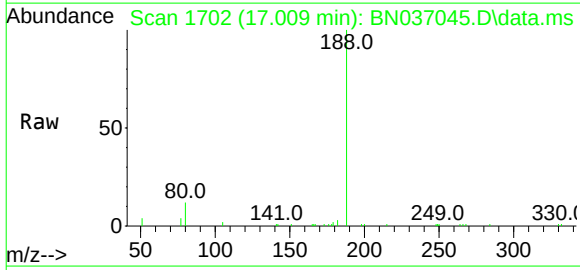
Acq: 19 May 2025 15:03

Instrument :

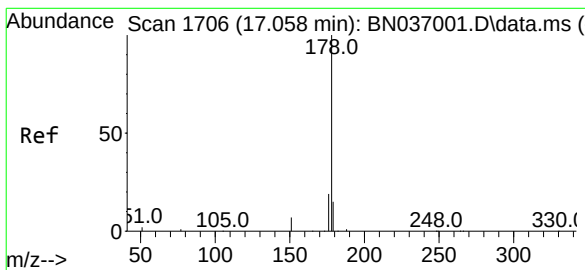
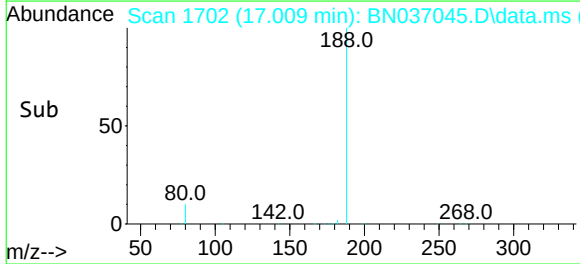
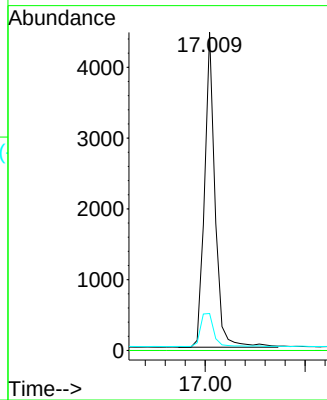
BNA_N

ClientSampleId :

RW8-SP201-90-20250514



Tgt Ion:	188	Resp:	6500
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.6	13.4	20.0



#25

Phenanthrene

Concen: 0.020 ng

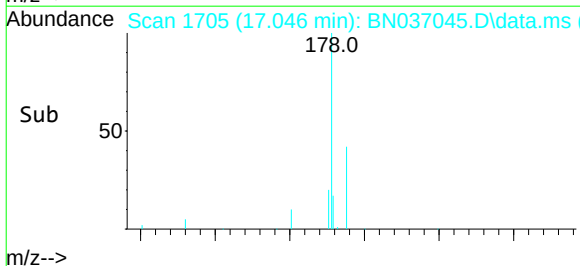
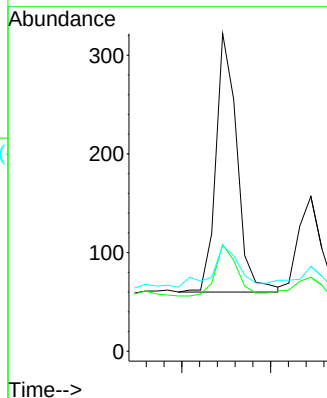
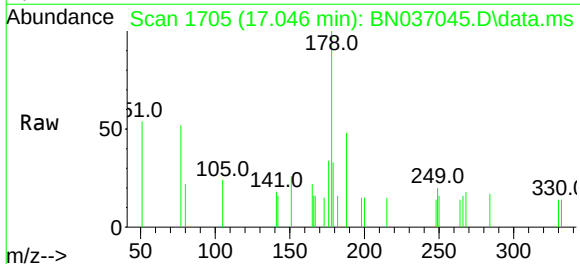
RT: 17.046 min Scan# 1705

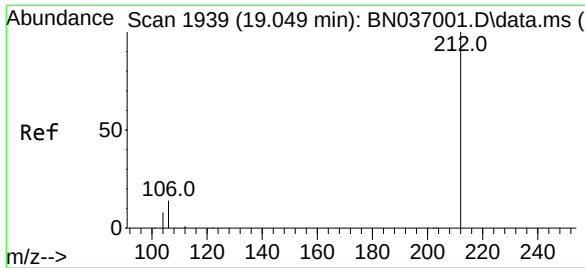
Delta R.T. -0.012 min

Lab File: BN037045.D

Acq: 19 May 2025 15:03

Tgt Ion:	178	Resp:	432
Ion Ratio	Lower	Upper	
178	100		
176	20.6	15.7	23.5
179	19.2	12.2	18.2

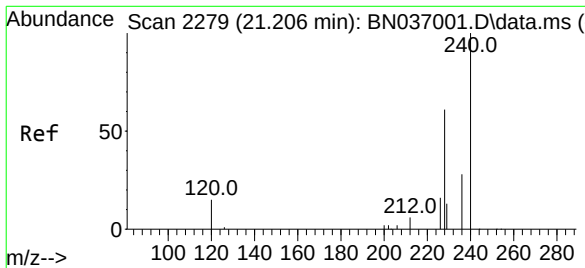
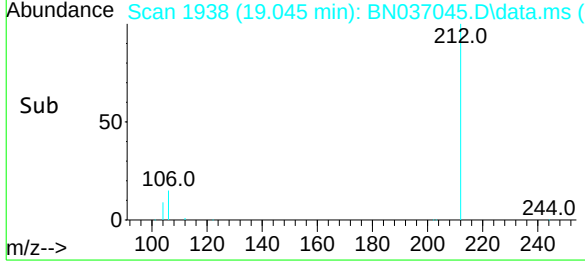
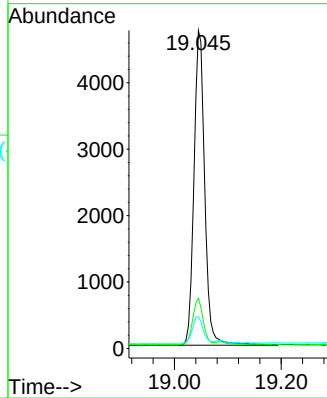
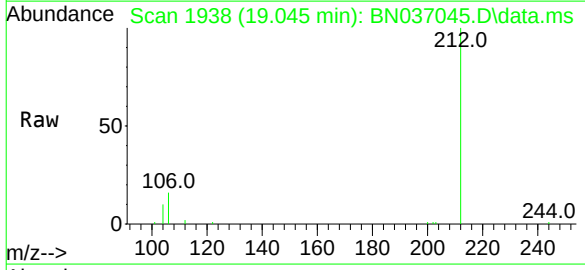




#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.045 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BN037045.D
Acq: 19 May 2025 15:03

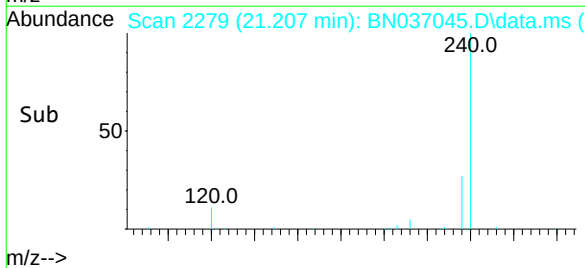
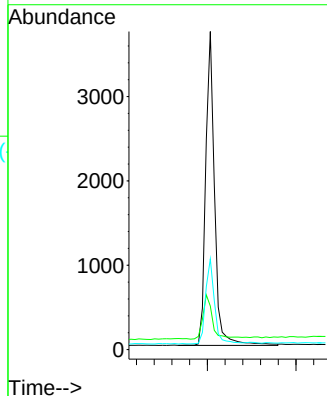
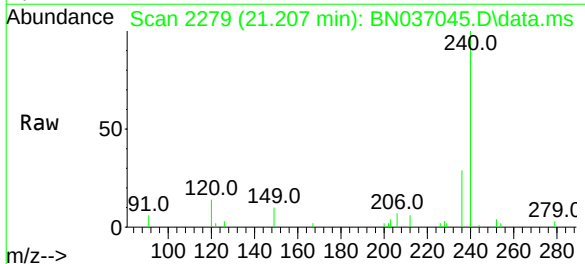
Instrument :
BNA_N
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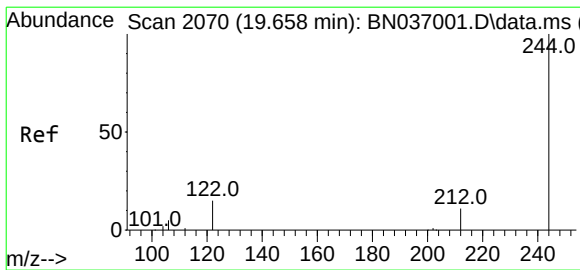
Tgt Ion:	212	Resp:	6621
Ion	Ratio	Lower	Upper
212	100		
106	14.2	11.3	16.9
104	8.5	6.7	10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.207 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BN037045.D
Acq: 19 May 2025 15:03

Tgt Ion:	240	Resp:	5189
Ion	Ratio	Lower	Upper
240	100		
120	13.7	15.1	22.7#
236	28.5	24.0	36.0





#31

Terphenyl-d14

Concen: 0.471 ng

RT: 19.653 min Scan# 2070

Delta R.T. -0.004 min

Lab File: BN037045.D

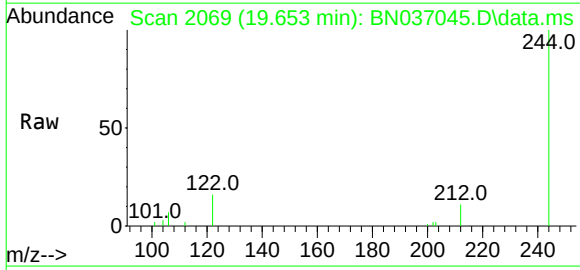
Acq: 19 May 2025 15:03

Instrument :

BNA_N

ClientSampleId :

RW8-SP201-90-20250514



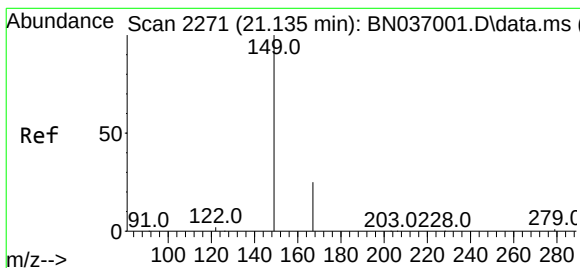
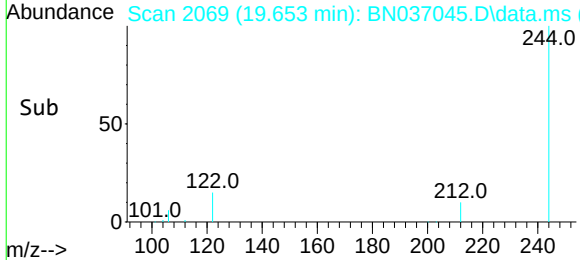
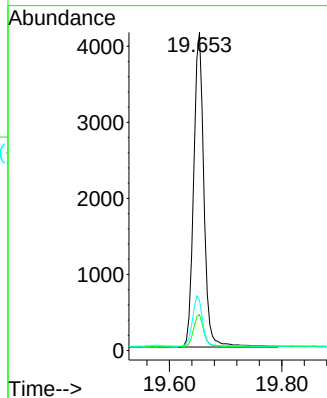
Tgt Ion:244 Resp: 5225

Ion Ratio Lower Upper

244 100

212 11.3 9.7 14.5

122 15.8 13.4 20.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.049 ng

RT: 21.135 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BN037045.D

Acq: 19 May 2025 15:03

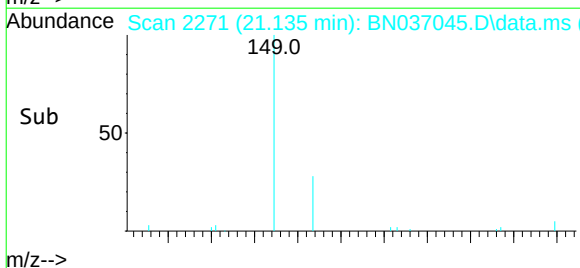
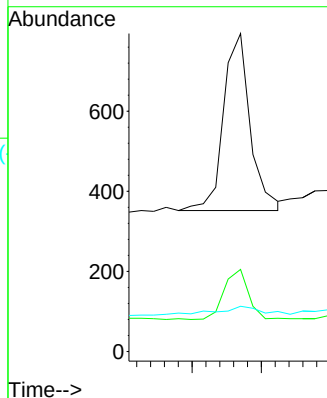
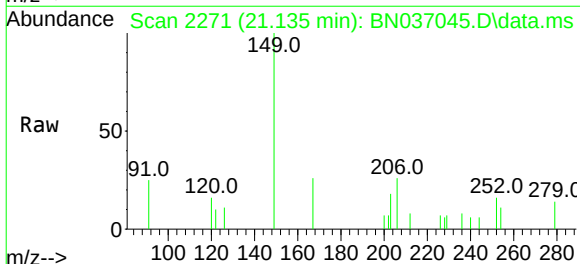
Tgt Ion:149 Resp: 594

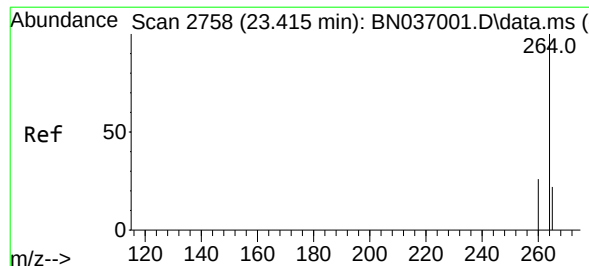
Ion Ratio Lower Upper

149 100

167 25.9 20.6 30.8

279 6.4 2.6 3.8#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.410 min Scan# 27

Delta R.T. -0.006 min

Lab File: BN037045.D

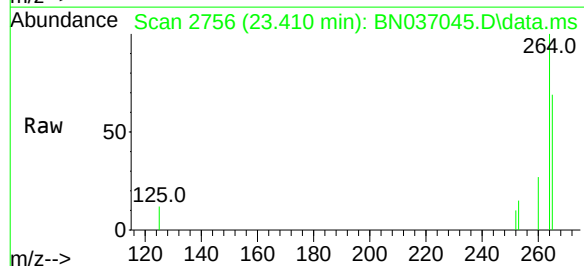
Acq: 19 May 2025 15:03

Instrument :

BNA_N

ClientSampleId :

RW8-SP201-90-20250514



Tgt Ion:	264	Resp:	4615
Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.9	32.9
265	69.5	51.6	77.4

