

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037628.D
 Acq On : 20 Aug 2025 10:13
 Operator : RC/JU
 Sample : Q2882-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20250814

Quant Time: Aug 21 04:13:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

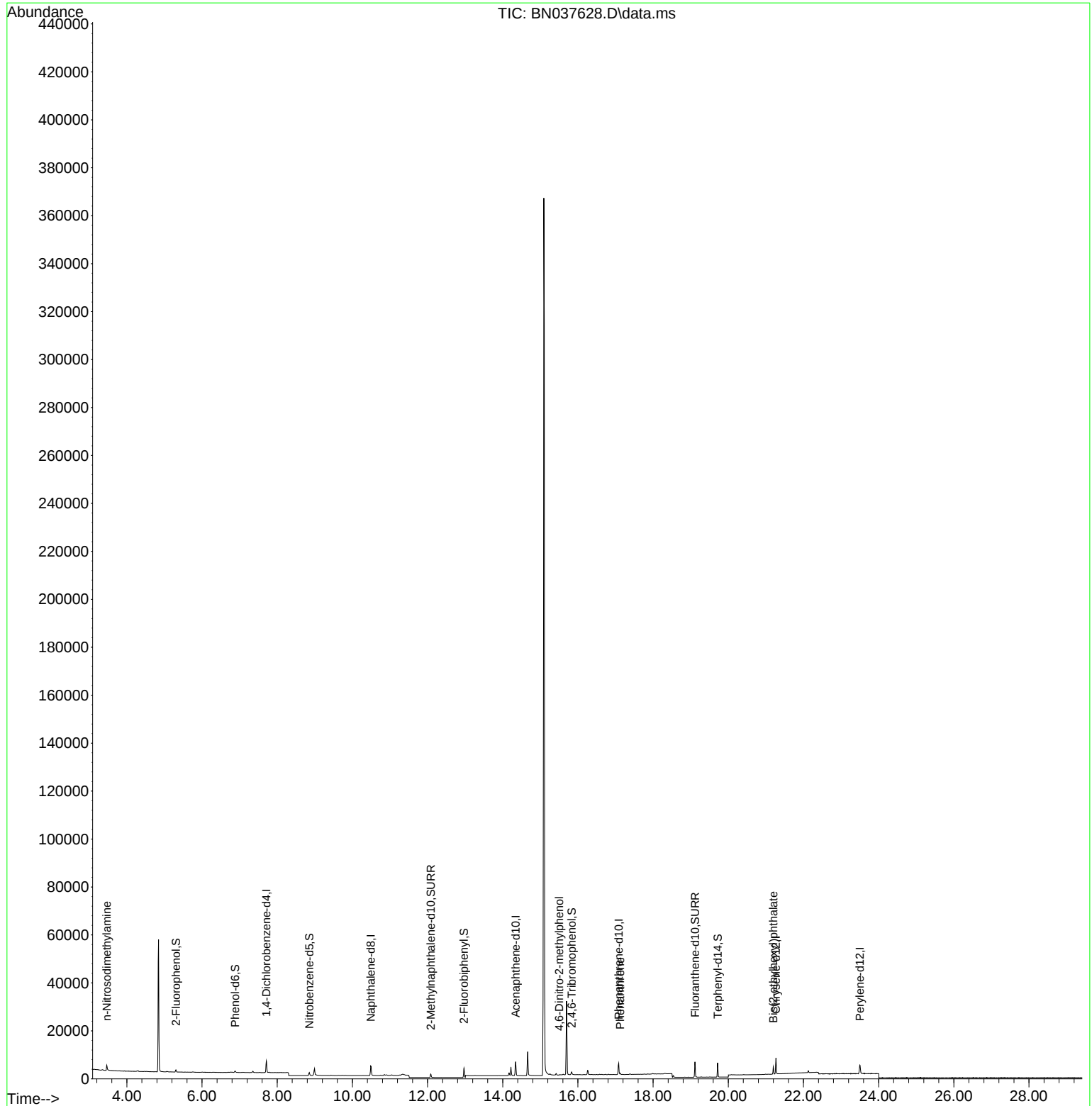
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2442	0.400	ng	0.00
7) Naphthalene-d8	10.487	136	5851	0.400	ng	#-0.01
13) Acenaphthene-d10	14.345	164	3334	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	6749	0.400	ng	# 0.00
29) Chrysene-d12	21.268	240	6000	0.400	ng	# 0.00
35) Perylene-d12	23.502	264	5055	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	749	0.135	ng	0.00
5) Phenol-d6	6.879	99	550	0.083	ng	0.00
8) Nitrobenzene-d5	8.854	82	1129	0.274	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	2096	0.264	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	580	0.398	ng	0.00
15) 2-Fluorobiphenyl	12.968	172	5209	0.270	ng	0.00
27) Fluoranthene-d10	19.113	212	6929	0.390	ng	0.00
31) Terphenyl-d14	19.717	244	5546	0.449	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.463	42	574	0.192	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.499	198	8	0.187	ng	# 1
25) Phenanthrene	17.124	178	550	0.027	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.196	149	2877	0.348	ng	100

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

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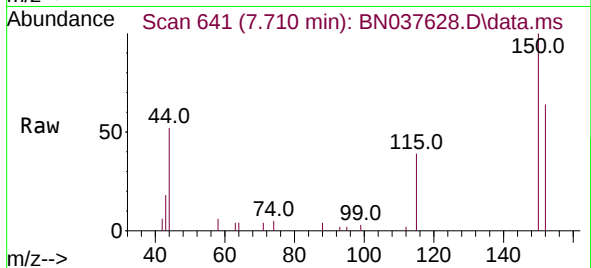
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



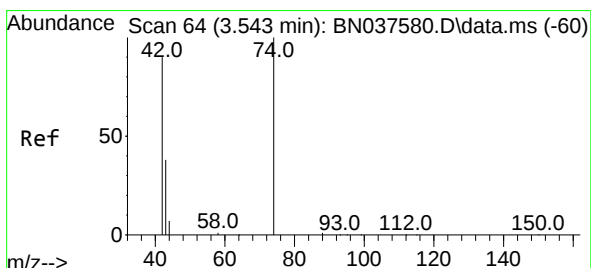
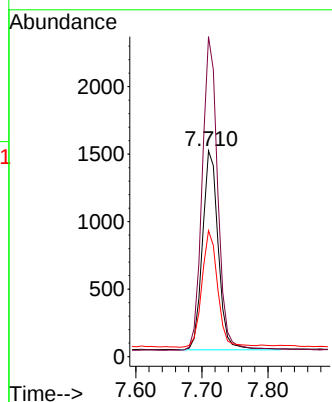
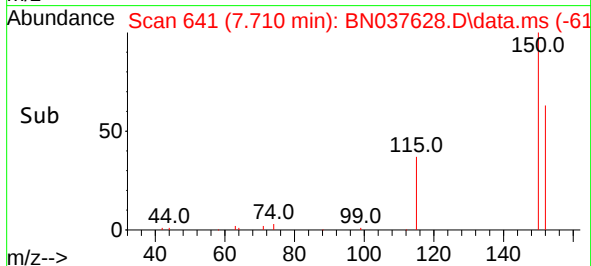


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN037628.D
Acq: 20 Aug 2025 10:13

Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250814

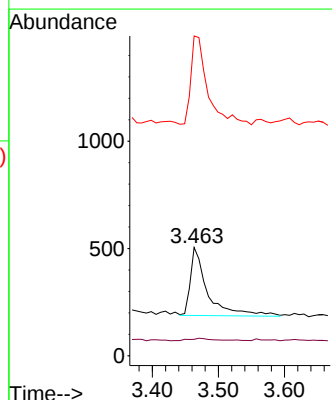
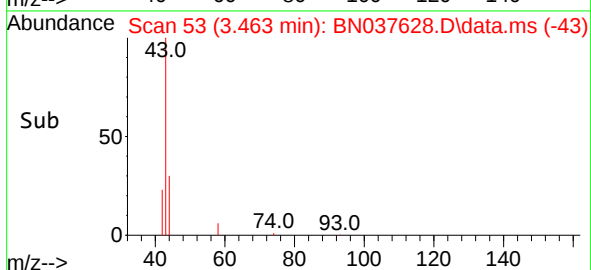
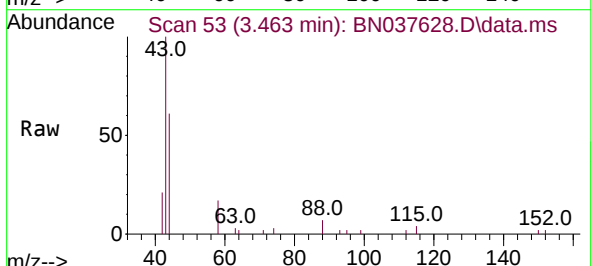


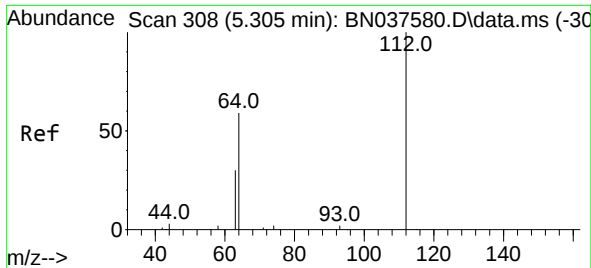
Tgt Ion:152 Resp: 2442
Ion Ratio Lower Upper
152 100
150 155.5 122.2 183.4
115 61.2 49.8 74.6



#3
n-Nitrosodimethylamine
Concen: 0.192 ng
RT: 3.463 min Scan# 53
Delta R.T. -0.079 min
Lab File: BN037628.D
Acq: 20 Aug 2025 10:13

Tgt Ion: 42 Resp: 574
Ion Ratio Lower Upper
42 100
74 4.9 82.0 123.0#
44 125.6 7.9 11.9#

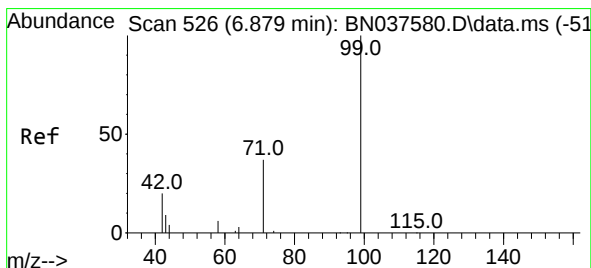
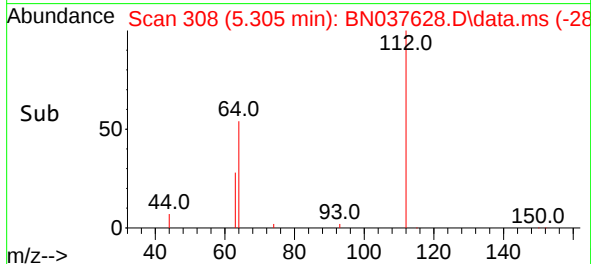
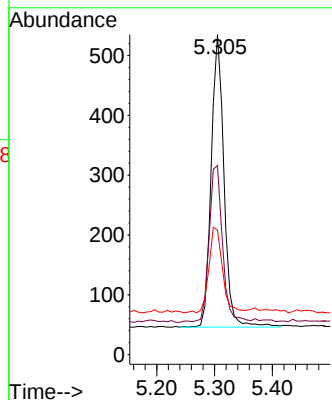
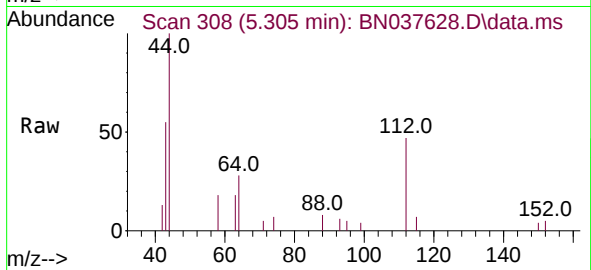




#4
2-Fluorophenol
Concen: 0.135 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037628.D
Acq: 20 Aug 2025 10:13

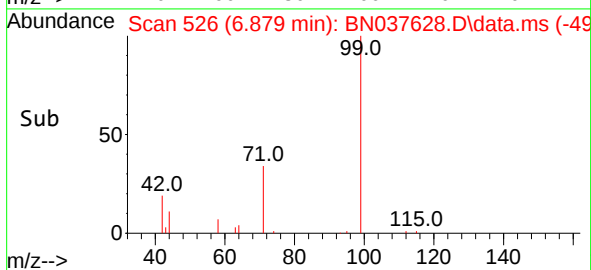
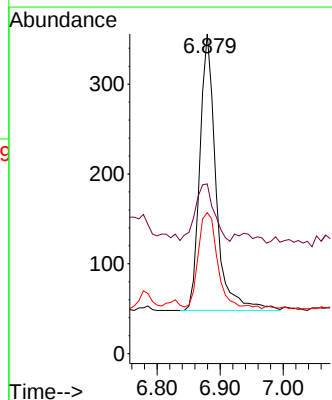
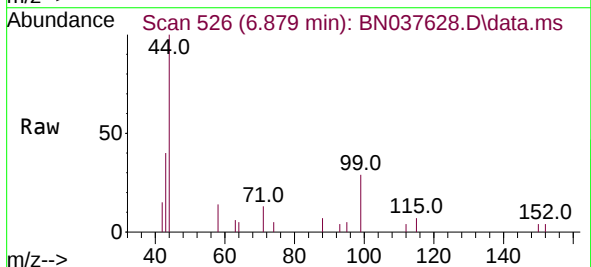
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250814

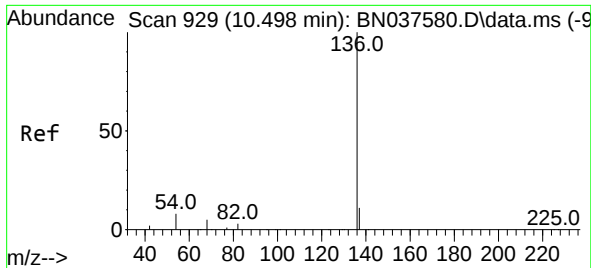
Tgt Ion:	112	Resp:	749
Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.9	67.3
63	30.8	23.4	35.2



#5
Phenol-d6
Concen: 0.083 ng
RT: 6.879 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN037628.D
Acq: 20 Aug 2025 10:13

Tgt Ion:	99	Resp:	550
Ion	Ratio	Lower	Upper
99	100		
42	23.8	18.5	27.7
71	41.5	28.6	42.8

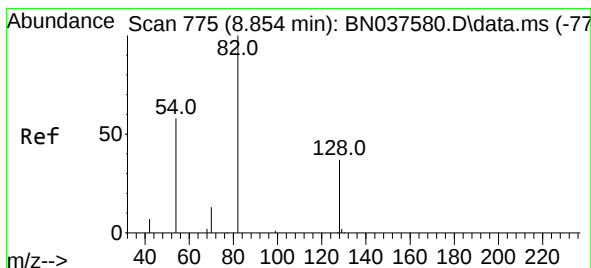
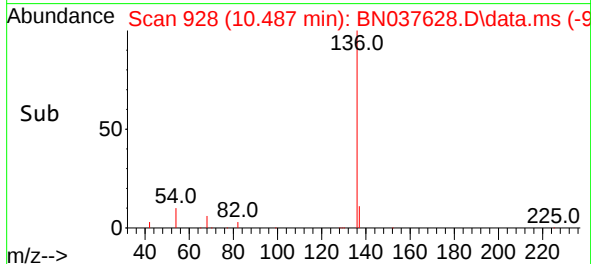
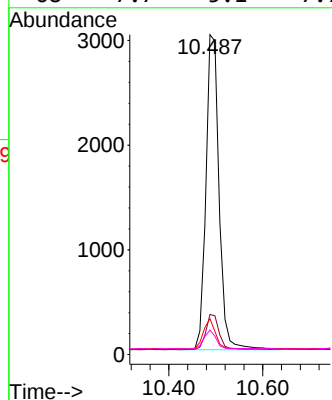
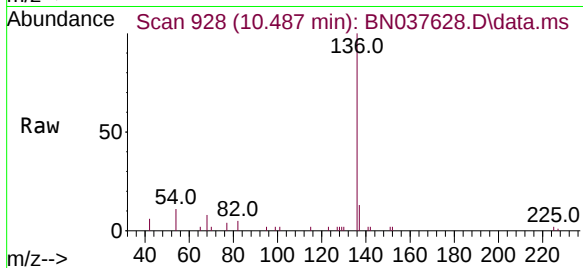




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN037628.D
Acq: 20 Aug 2025 10:13

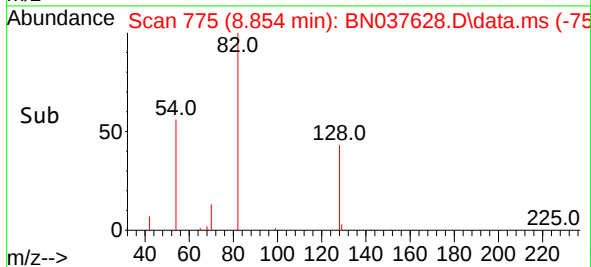
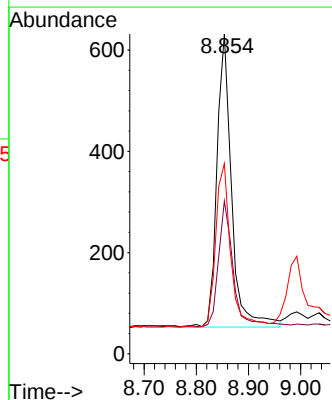
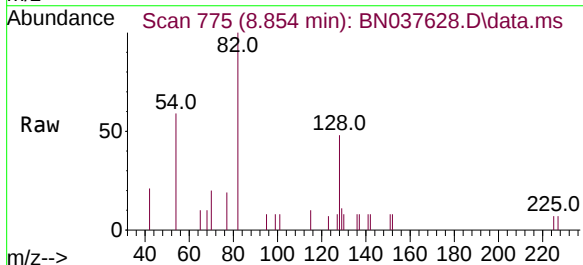
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250814

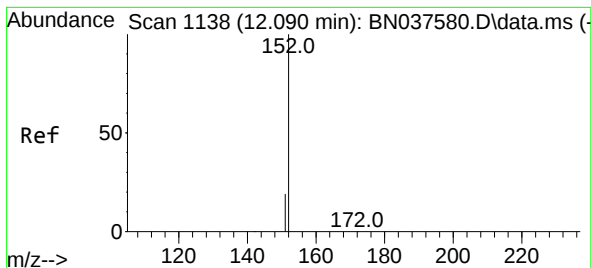
Tgt Ion:	136	Resp:	5851
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.5	14.3
54	11.2	7.3	10.9
68	7.7	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.274 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037628.D
Acq: 20 Aug 2025 10:13

Tgt Ion:	82	Resp:	1129
Ion	Ratio	Lower	Upper
82	100		
128	47.8	32.6	48.8
54	59.5	48.9	73.3

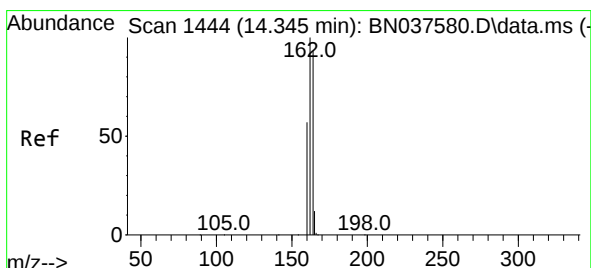
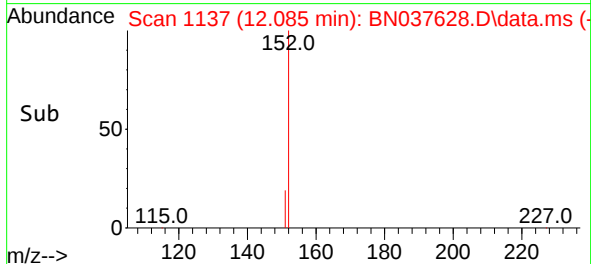
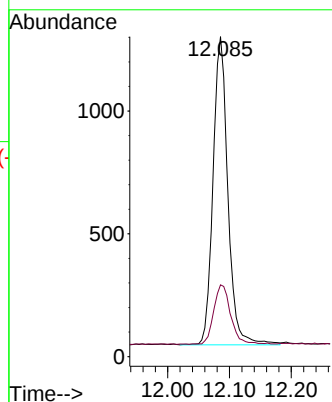
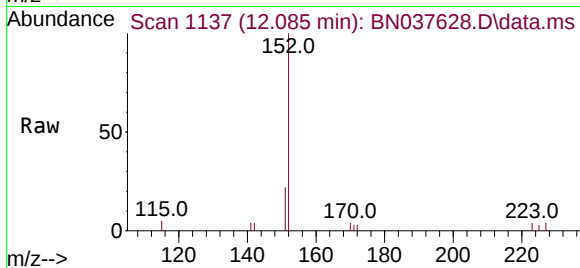




#11
2-Methylnaphthalene-d10
Concen: 0.264 ng
RT: 12.085 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BN037628.D
Acq: 20 Aug 2025 10:13

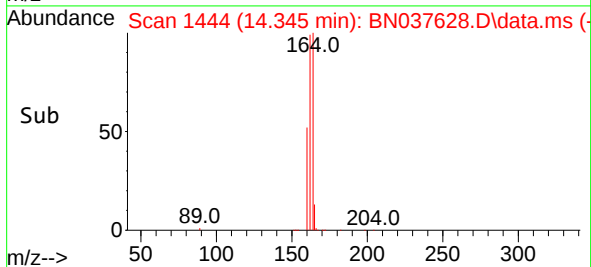
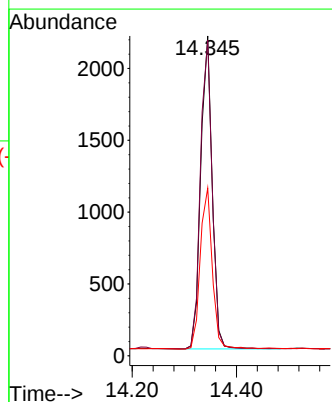
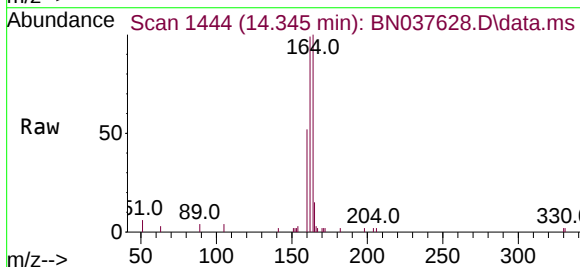
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250814

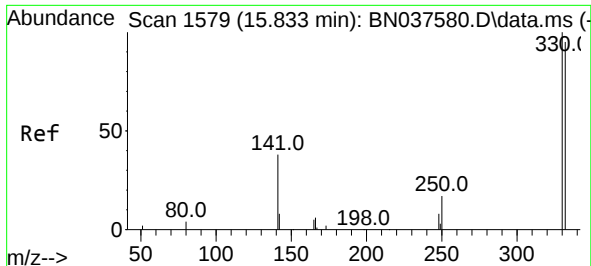
Tgt Ion:152 Resp: 2096
Ion Ratio Lower Upper
152 100
151 22.2 17.3 25.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037628.D
Acq: 20 Aug 2025 10:13

Tgt Ion:164 Resp: 3334
Ion Ratio Lower Upper
164 100
162 98.7 85.5 128.3
160 52.4 49.5 74.3

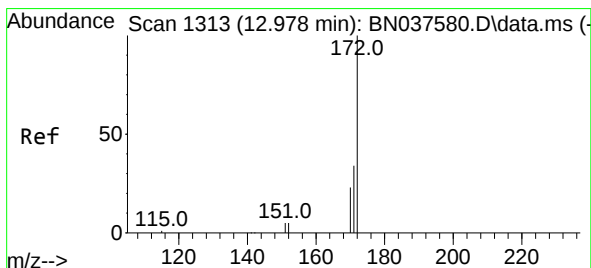
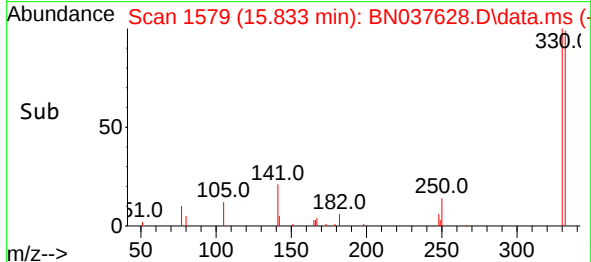
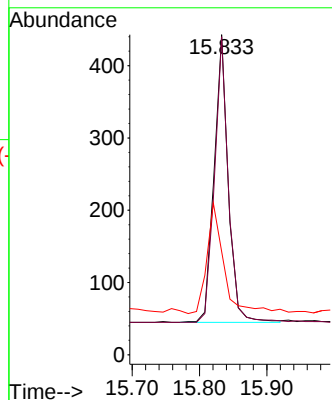
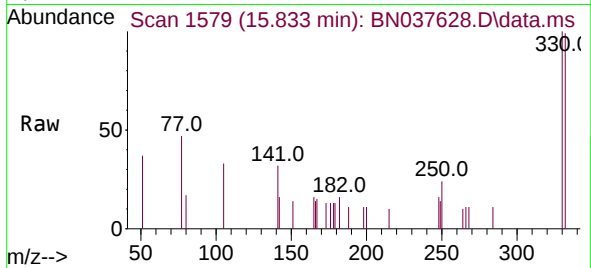




#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 15.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037628.D
Acq: 20 Aug 2025 10:13

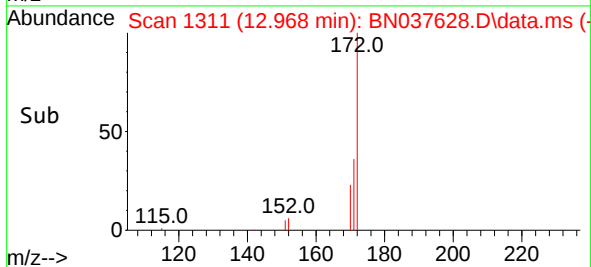
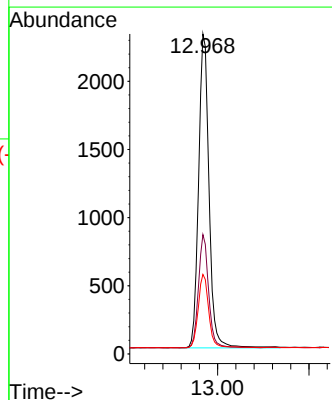
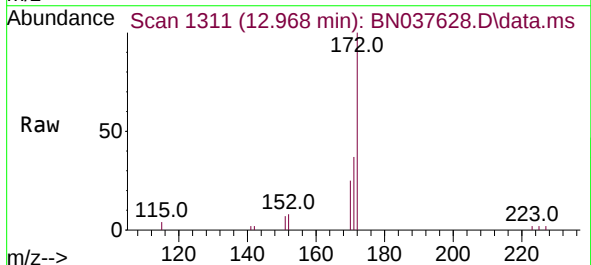
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BNA_N
ClientSampleId :
RW7-SP303-20250814

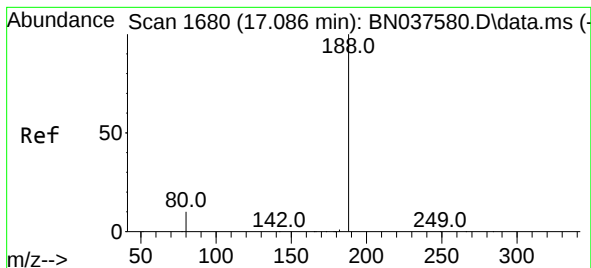
Tgt Ion:330 Resp: 580
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.0
141 47.4 30.9 46.3#



#15
2-Fluorobiphenyl
Concen: 0.270 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.010 min
Lab File: BN037628.D
Acq: 20 Aug 2025 10:13

Tgt Ion:172 Resp: 5209
Ion Ratio Lower Upper
172 100
171 37.3 28.2 42.4
170 24.8 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037628.D

Acq: 20 Aug 2025 10:13

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20250814

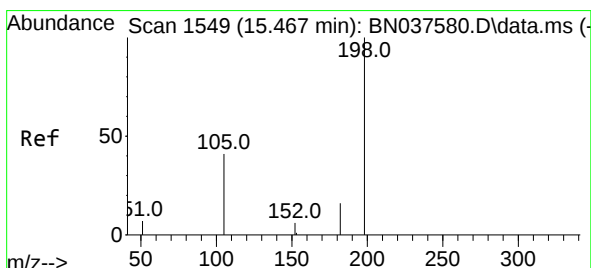
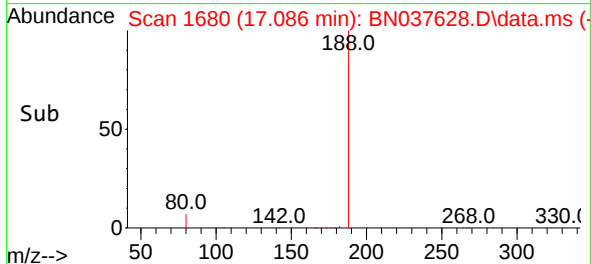
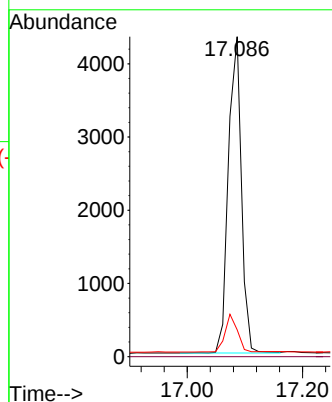
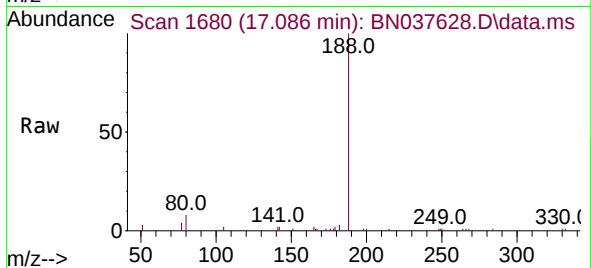
Tgt Ion:188 Resp: 6749

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.4 9.1 13.7#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.187 ng

RT: 15.499 min Scan# 1552

Delta R.T. 0.032 min

Lab File: BN037628.D

Acq: 20 Aug 2025 10:13

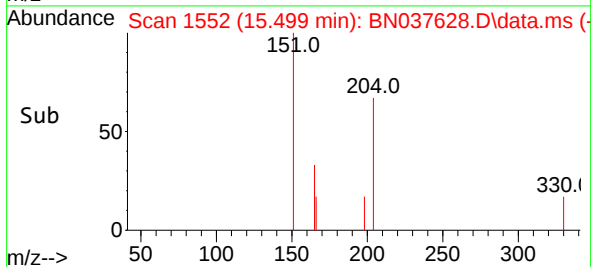
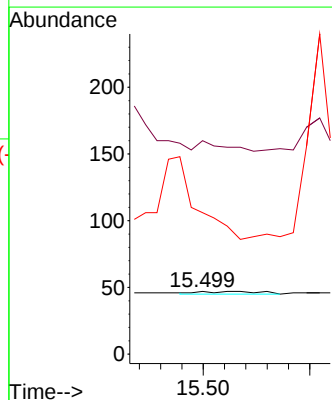
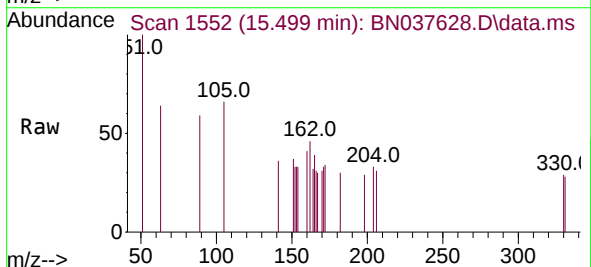
Tgt Ion:198 Resp: 8

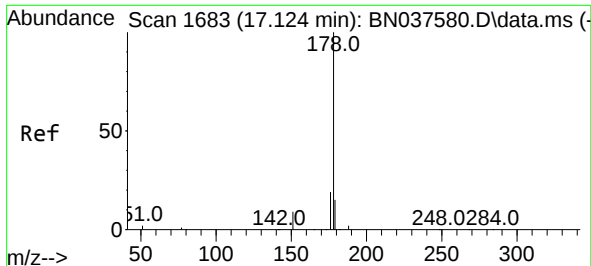
Ion Ratio Lower Upper

198 100

51 340.4 81.0 121.6#

105 225.5 52.5 78.7#

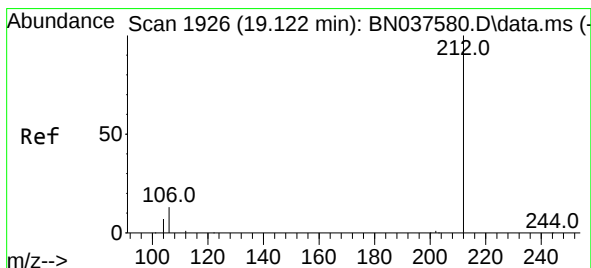
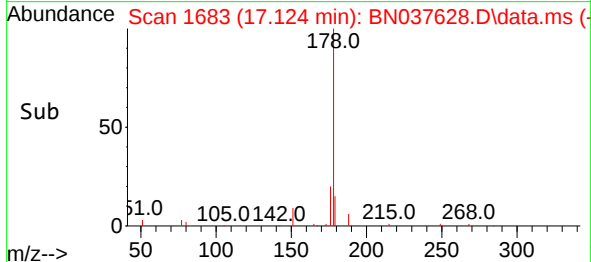
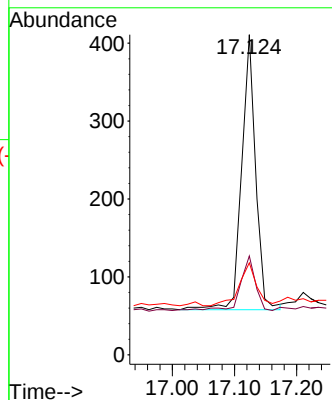
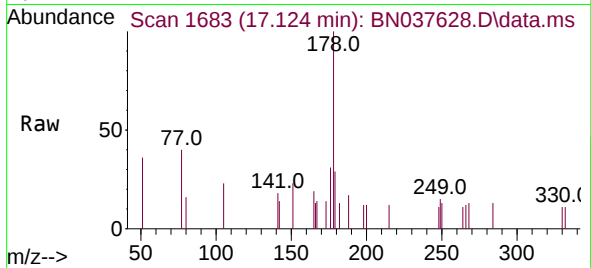




#25
Phenanthrene
Concen: 0.027 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BN037628.D
Acq: 20 Aug 2025 10:13

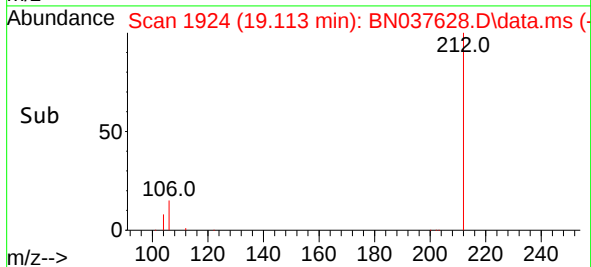
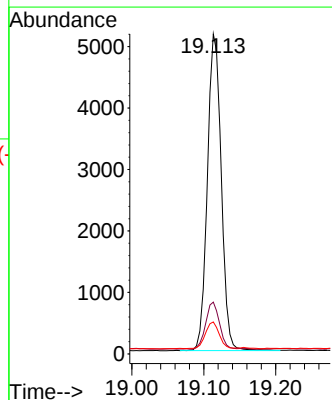
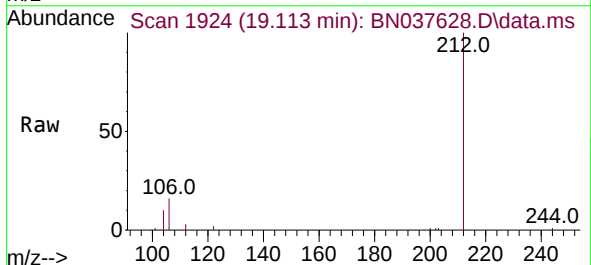
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250814

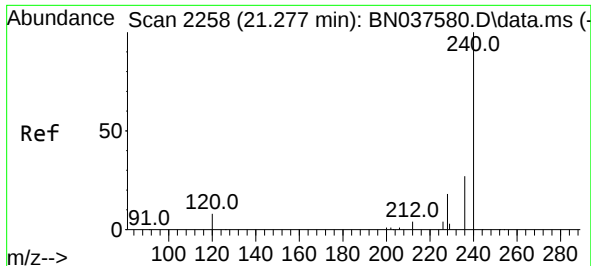
Tgt Ion:	178	Resp:	550
Ion Ratio	Lower	Upper	
178	100		
176	21.8	15.0	22.6
179	19.3	12.3	18.5



#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.113 min Scan# 1924
Delta R.T. -0.009 min
Lab File: BN037628.D
Acq: 20 Aug 2025 10:13

Tgt Ion:	212	Resp:	6929
Ion Ratio	Lower	Upper	
212	100		
106	14.7	11.5	17.3
104	8.3	6.6	9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037628.D

Acq: 20 Aug 2025 10:13

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20250814

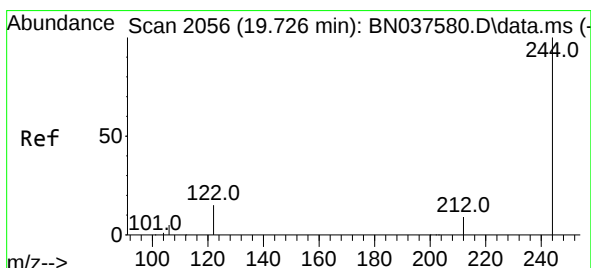
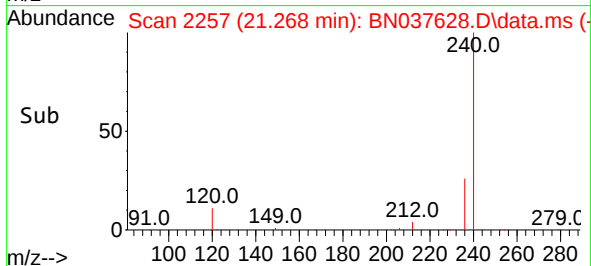
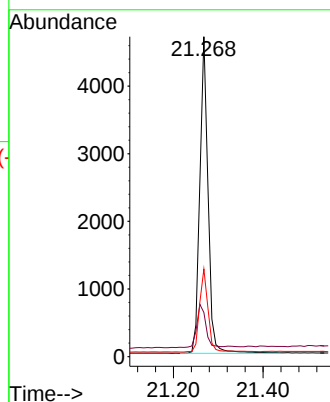
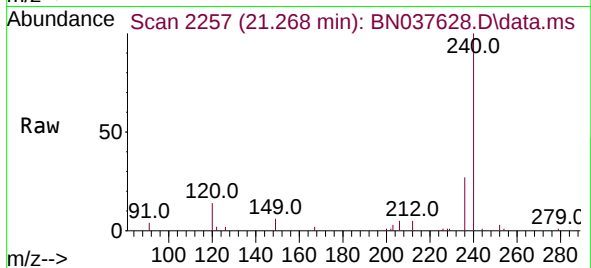
Tgt Ion:240 Resp: 6000

Ion Ratio Lower Upper

240 100

120 13.8 8.9 13.3#

236 27.4 22.6 33.8



#31

Terphenyl-d14

Concen: 0.449 ng

RT: 19.717 min Scan# 2054

Delta R.T. -0.009 min

Lab File: BN037628.D

Acq: 20 Aug 2025 10:13

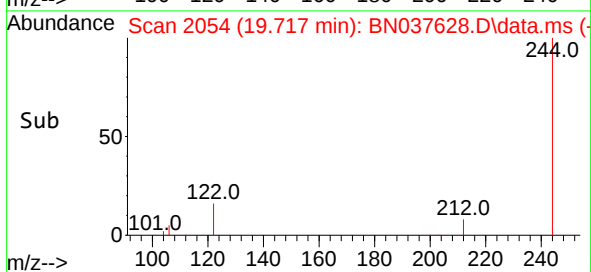
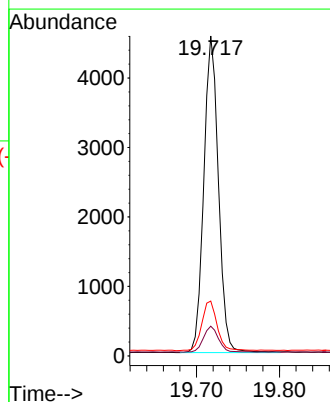
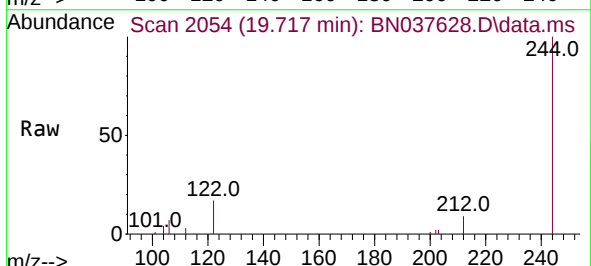
Tgt Ion:244 Resp: 5546

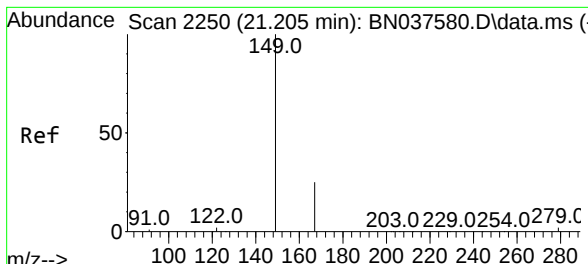
Ion Ratio Lower Upper

244 100

212 9.3 8.2 12.2

122 17.1 13.2 19.8

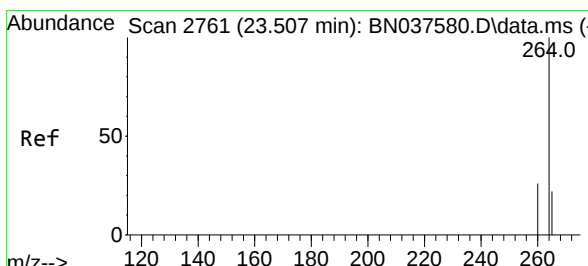
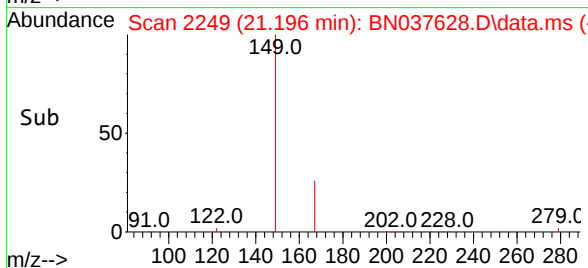
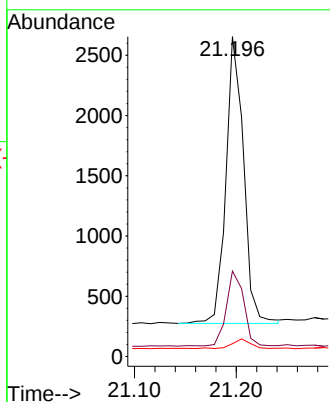
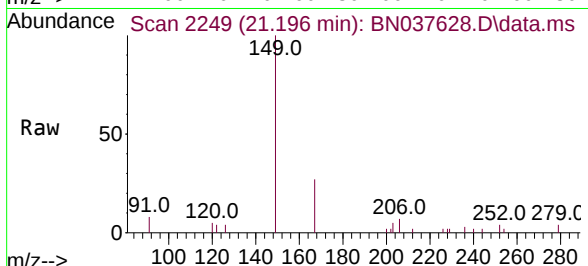




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.348 ng
 RT: 21.196 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037628.D
 Acq: 20 Aug 2025 10:13

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20250814

Tgt Ion:	149	Resp:	2877
Ion Ratio	Lower	Upper	
149	100		
167	25.8	20.5	30.7
279	3.6	2.6	4.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.502 min Scan# 2759
 Delta R.T. -0.006 min
 Lab File: BN037628.D
 Acq: 20 Aug 2025 10:13

Tgt Ion:	264	Resp:	5055
Ion Ratio	Lower	Upper	
264	100		
260	26.4	21.6	32.4
265	73.1	48.2	72.4

