

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100725\
 Data File : BN038053.D
 Acq On : 07 Oct 2025 19:20
 Operator : RC/JU
 Sample : Q3237-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250926

Quant Time: Oct 08 01:47:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

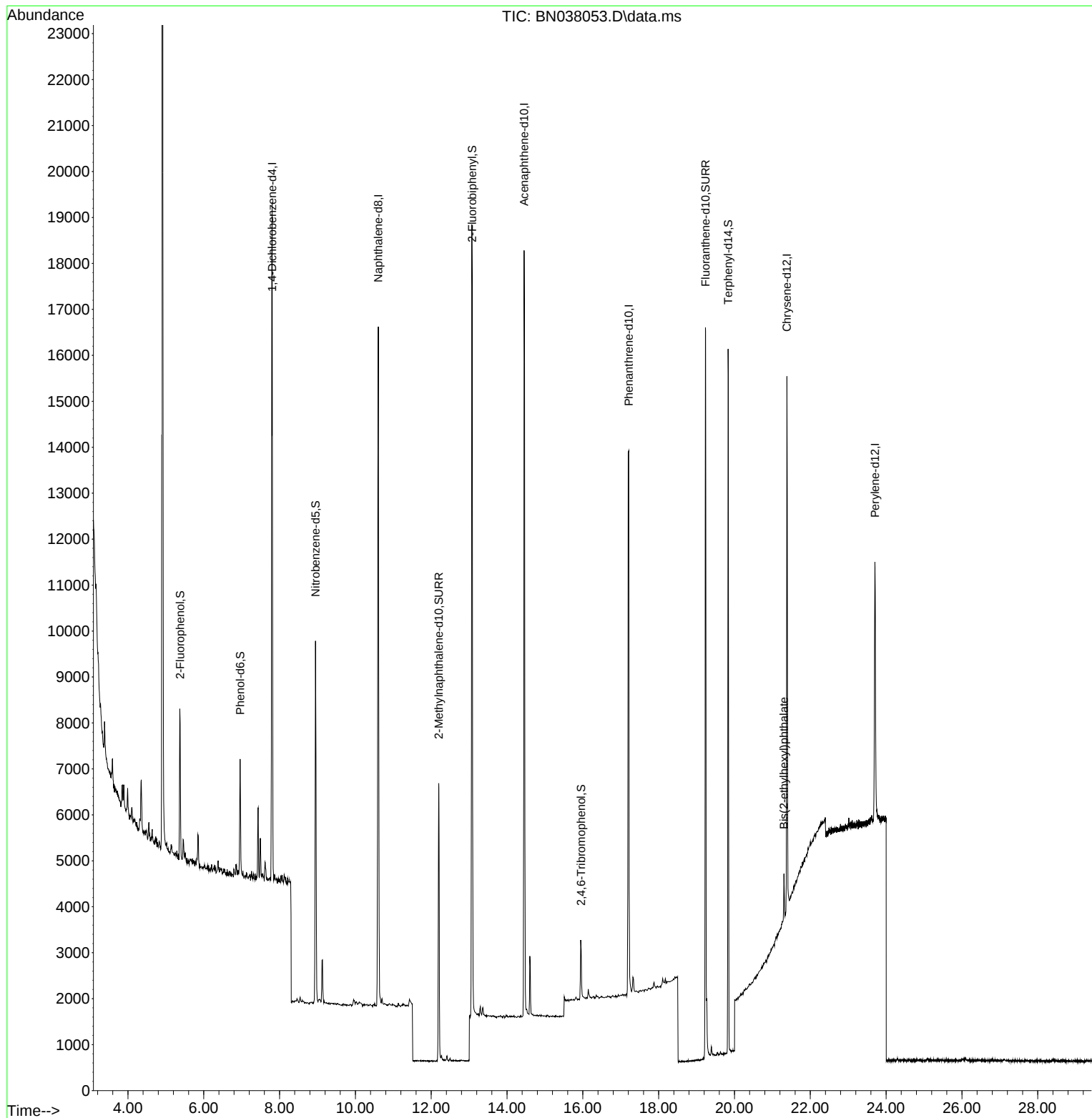
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	7178	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	19583	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	9675	0.400	ng	-0.02
19) Phenanthrene-d10	17.211	188	18567	0.400	ng	-0.01
29) Chrysene-d12	21.384	240	10333	0.400	ng	#-0.02
35) Perylene-d12	23.703	264	8163	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2518	0.154	ng	0.00
5) Phenol-d6	6.959	99	2202	0.102	ng	-0.01
8) Nitrobenzene-d5	8.950	82	6037	0.404	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	8410	0.309	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	817	0.223	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	16463	0.416	ng	-0.01
27) Fluoranthene-d10	19.239	212	17381	0.372	ng	-0.01
31) Terphenyl-d14	19.833	244	14055	0.683	ng	-0.02
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.304	149	1187	0.083	ng	Qvalue # 87

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

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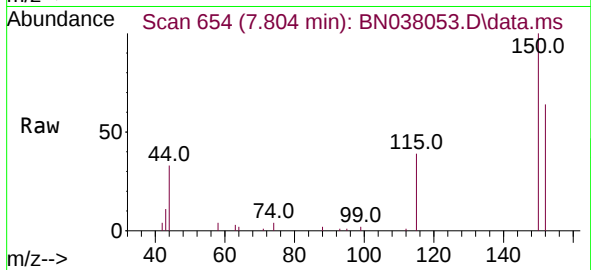
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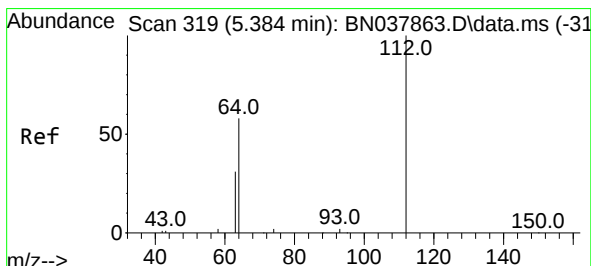
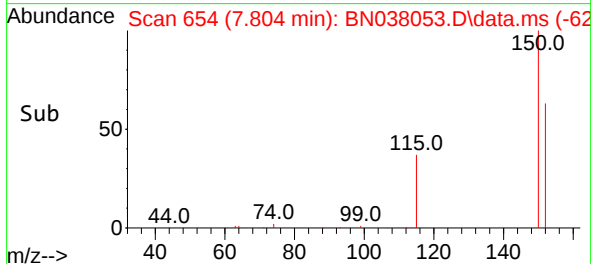
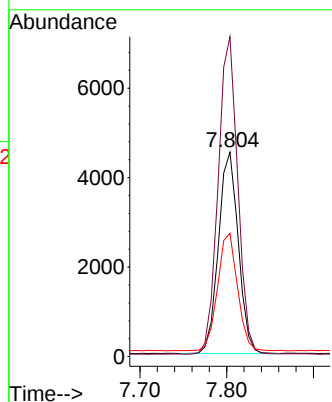


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038053.D
Acq: 07 Oct 2025 19:20

Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250926

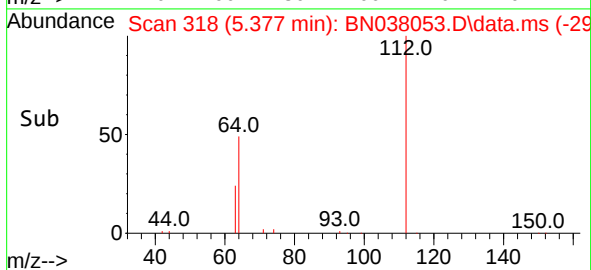
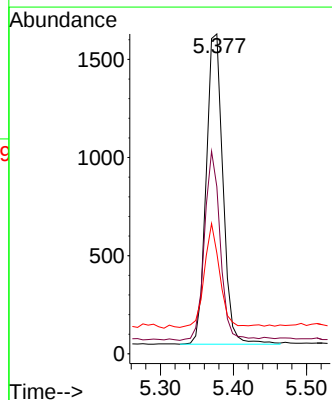
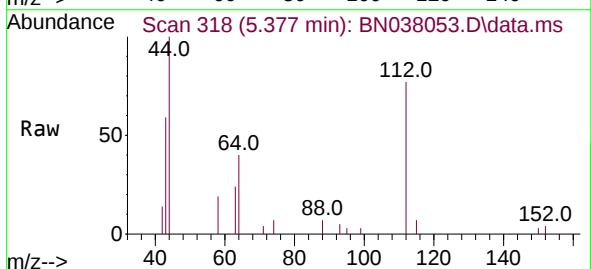


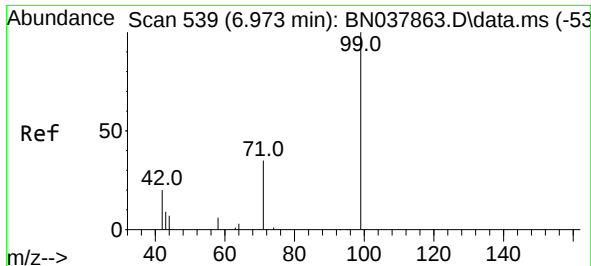
Tgt Ion:152 Resp: 7178
Ion Ratio Lower Upper
152 100
150 156.5 121.0 181.4
115 60.3 47.4 71.0



#4
2-Fluorophenol
Concen: 0.154 ng
RT: 5.377 min Scan# 318
Delta R.T. -0.007 min
Lab File: BN038053.D
Acq: 07 Oct 2025 19:20

Tgt Ion:112 Resp: 2518
Ion Ratio Lower Upper
112 100
64 57.2 44.6 66.8
63 30.5 24.9 37.3

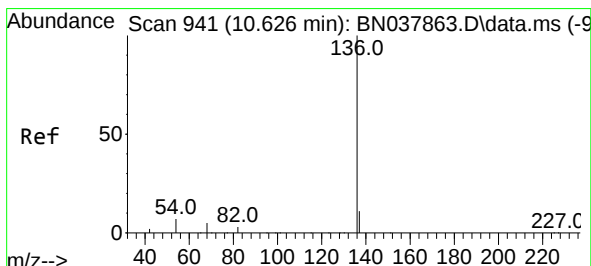
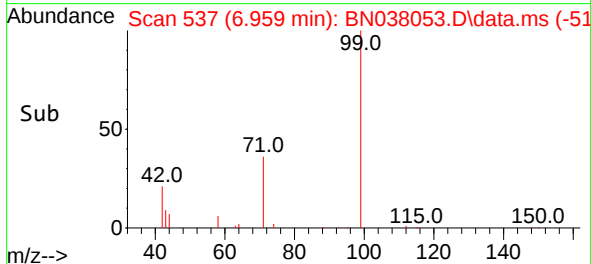
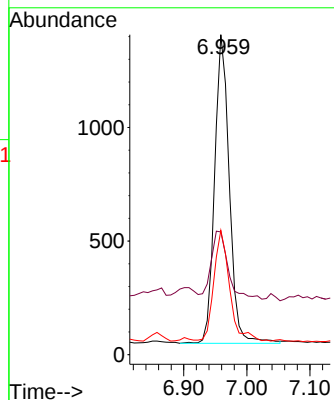
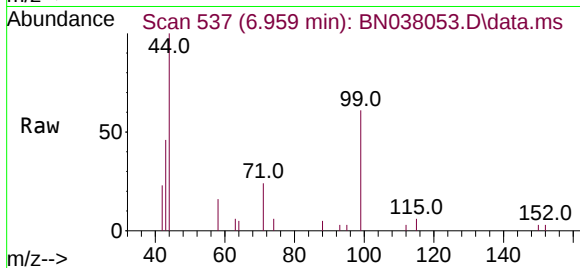




#5
Phenol-d6
Concen: 0.102 ng
RT: 6.959 min Scan# 537
Delta R.T. -0.015 min
Lab File: BN038053.D
Acq: 07 Oct 2025 19:20

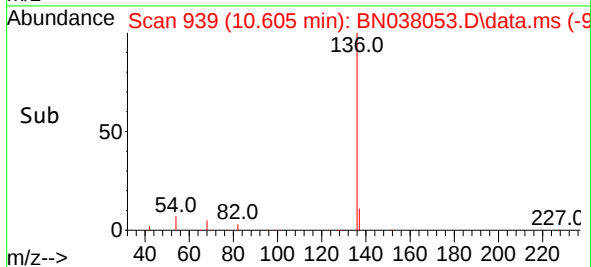
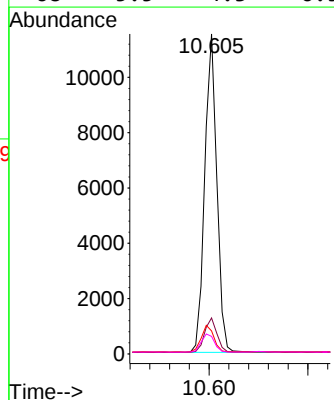
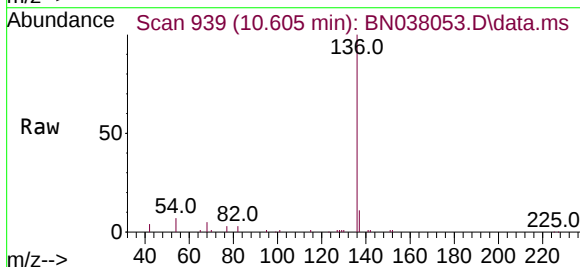
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250926

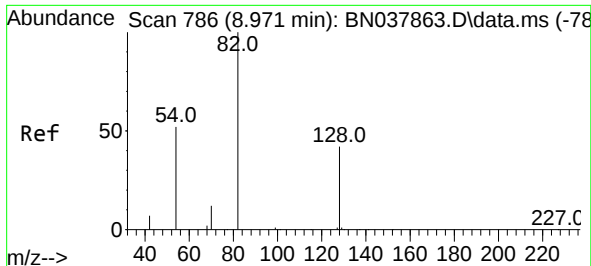
Tgt Ion:	99	Resp:	2202
Ion	Ratio	Lower	Upper
99	100		
42	25.4	17.2	25.8
71	38.3	27.3	40.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.021 min
Lab File: BN038053.D
Acq: 07 Oct 2025 19:20

Tgt Ion:	136	Resp:	19583
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.2	5.8	8.8
68	5.5	4.3	6.5

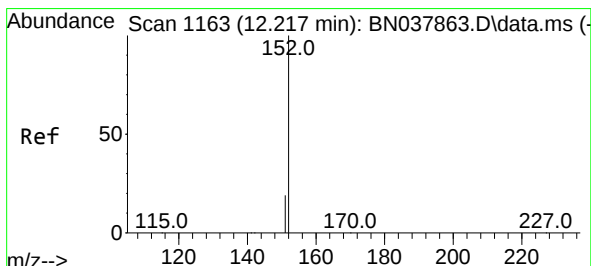
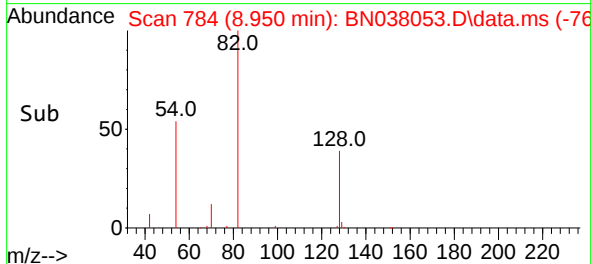
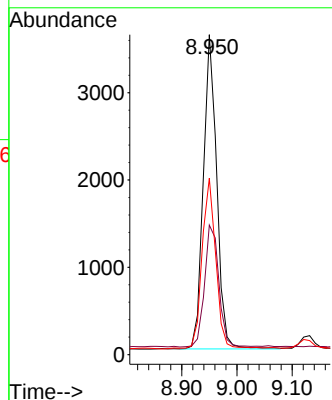
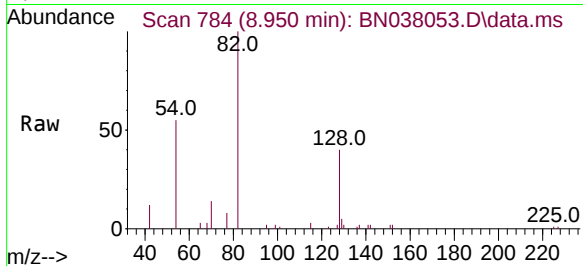




#8
Nitrobenzene-d5
Concen: 0.404 ng
RT: 8.950 min Scan# 786
Delta R.T. -0.021 min
Lab File: BN038053.D
Acq: 07 Oct 2025 19:20

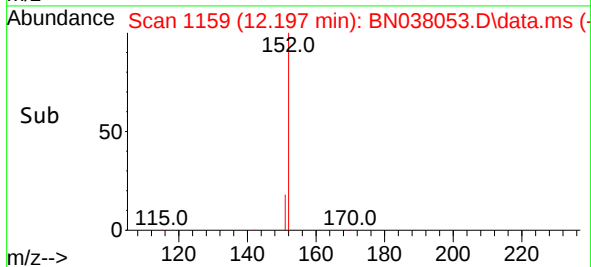
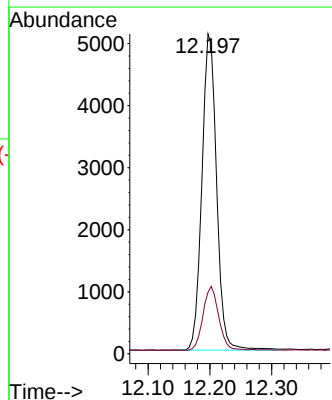
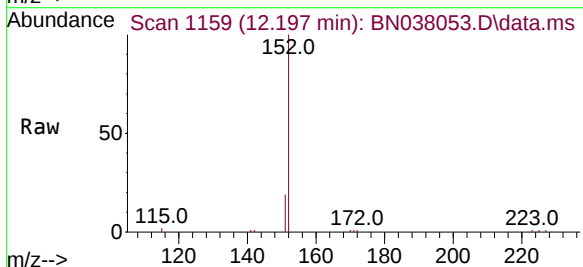
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250926

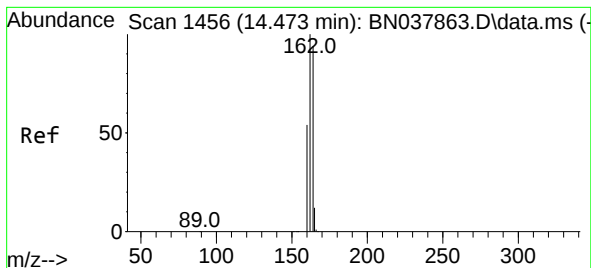
Tgt Ion: 82 Resp: 6037
Ion Ratio Lower Upper
82 100
128 40.5 34.8 52.2
54 55.1 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.020 min
Lab File: BN038053.D
Acq: 07 Oct 2025 19:20

Tgt Ion: 152 Resp: 8410
Ion Ratio Lower Upper
152 100
151 21.6 17.4 26.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.452 min Scan# 14

Delta R.T. -0.021 min

Lab File: BN038053.D

Acq: 07 Oct 2025 19:20

Instrument :

BNA_N

ClientSampleId :

RW8-SP303-20250926

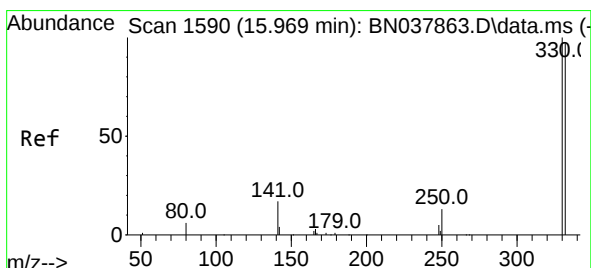
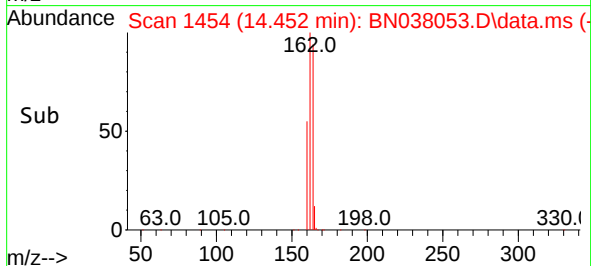
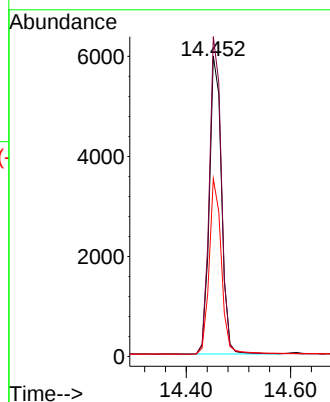
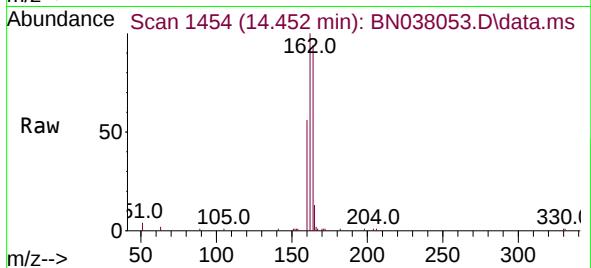
Tgt Ion:164 Resp: 9675

Ion Ratio Lower Upper

164 100

162 106.5 84.8 127.2

160 59.2 46.1 69.1



#14

2,4,6-Tribromophenol

Concen: 0.223 ng

RT: 15.957 min Scan# 1589

Delta R.T. -0.012 min

Lab File: BN038053.D

Acq: 07 Oct 2025 19:20

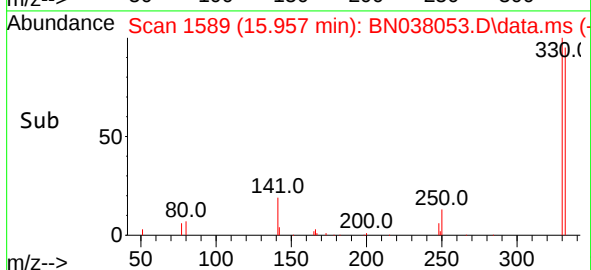
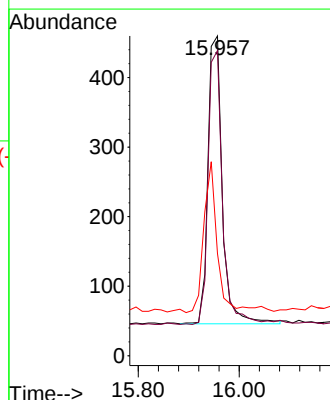
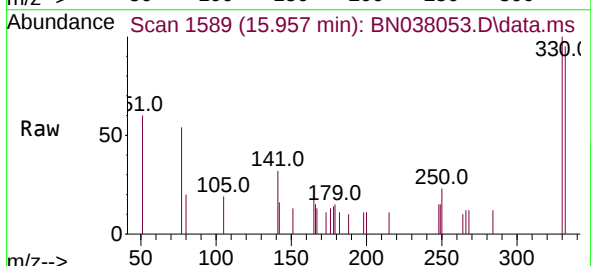
Tgt Ion:330 Resp: 817

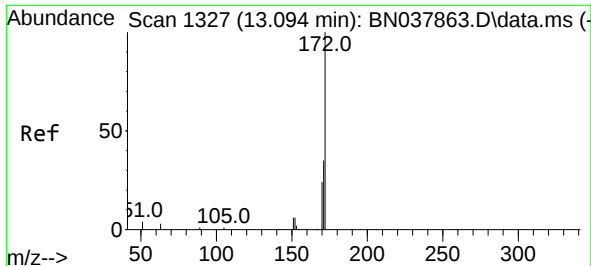
Ion Ratio Lower Upper

330 100

332 95.0 77.2 115.8

141 47.9 37.2 55.8

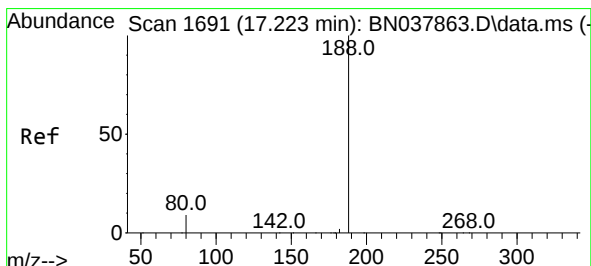
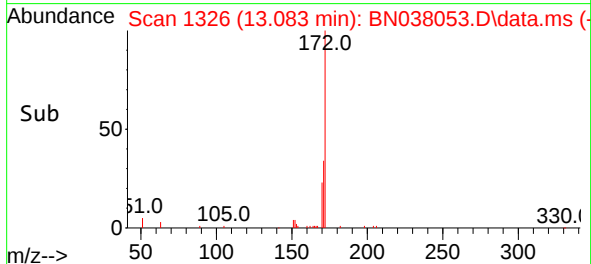
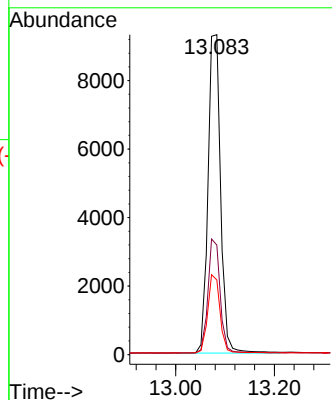
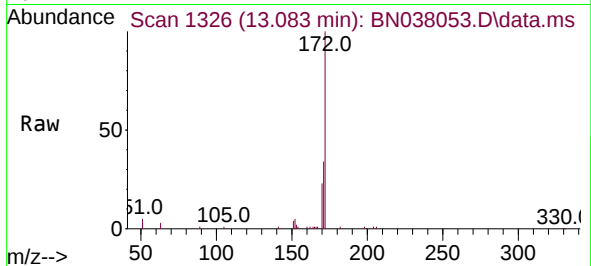




#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 13.083 min Scan# 1327
Delta R.T. -0.011 min
Lab File: BN038053.D
Acq: 07 Oct 2025 19:20

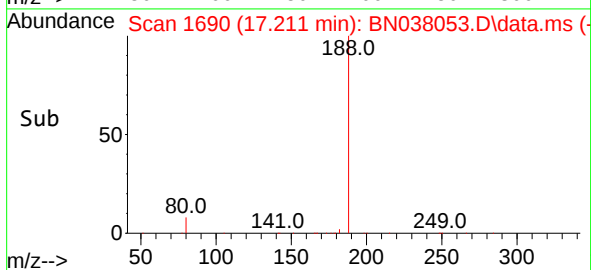
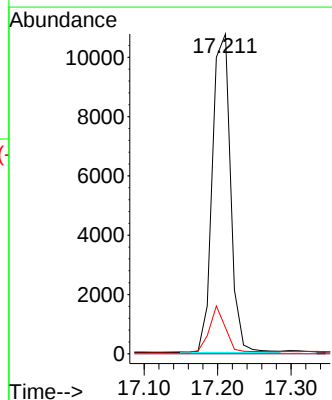
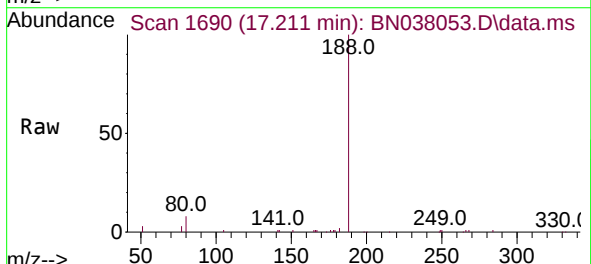
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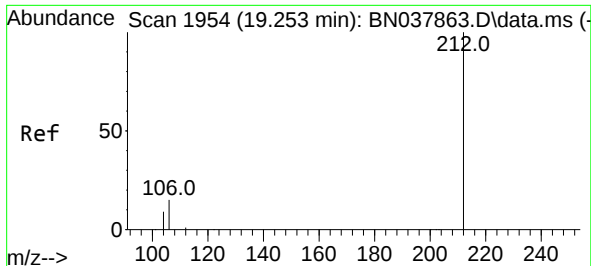
Tgt Ion:	172	Resp:	16463
Ion Ratio	Lower	Upper	
172	100		
171	34.2	28.6	43.0
170	23.3	19.7	29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN038053.D
Acq: 07 Oct 2025 19:20

Tgt Ion:	188	Resp:	18567
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.2	7.6	11.4

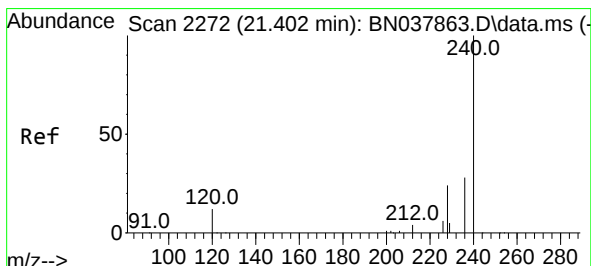
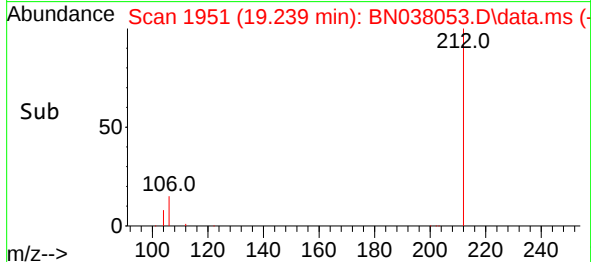
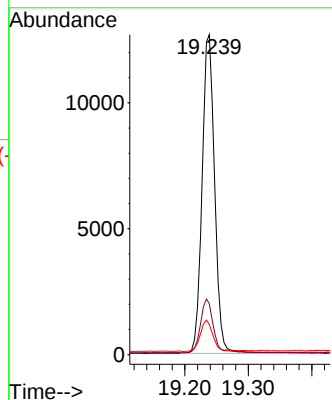
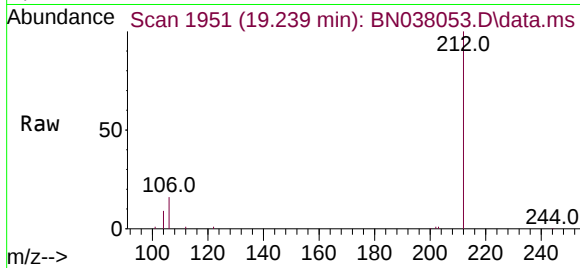




#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038053.D
Acq: 07 Oct 2025 19:20

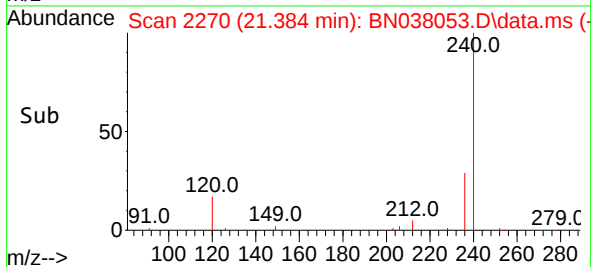
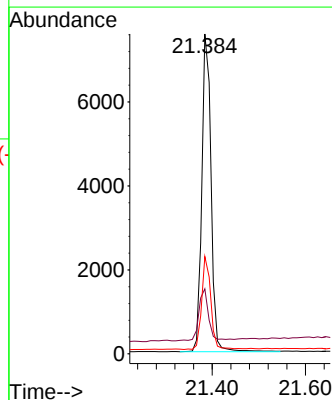
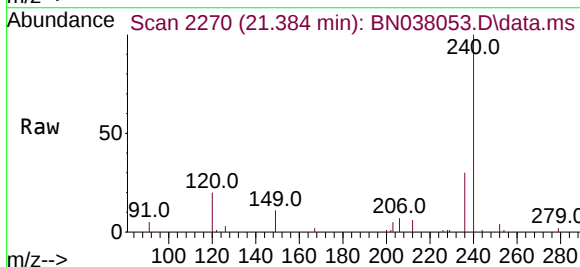
Instrument :
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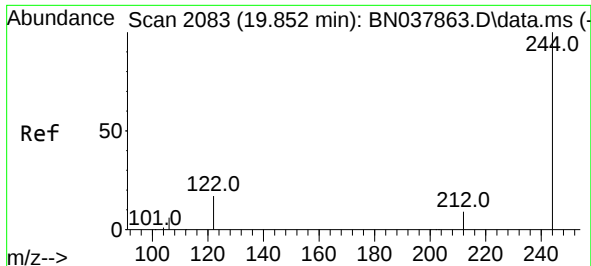
Tgt Ion:212 Resp: 17381
Ion Ratio Lower Upper
212 100
106 17.0 12.6 19.0
104 10.1 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 2270
Delta R.T. -0.018 min
Lab File: BN038053.D
Acq: 07 Oct 2025 19:20

Tgt Ion:240 Resp: 10333
Ion Ratio Lower Upper
240 100
120 20.3 11.4 17.2#
236 30.4 23.0 34.6

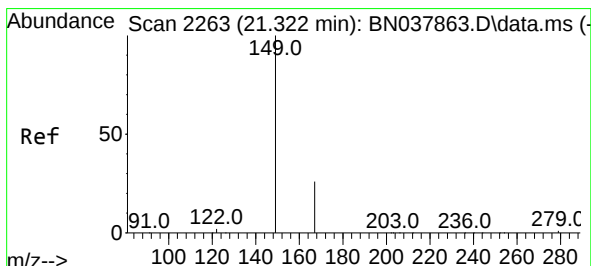
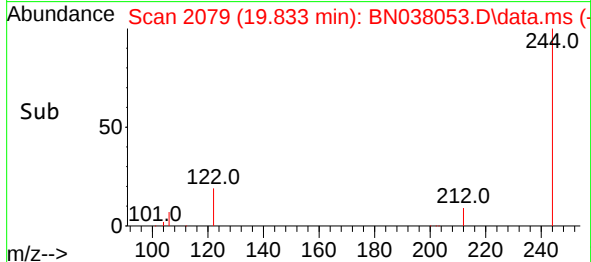
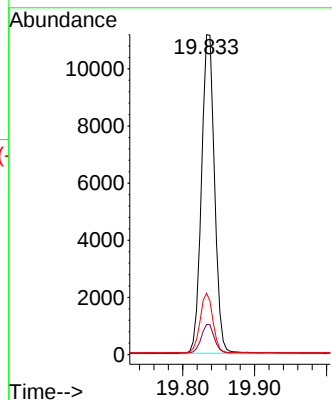
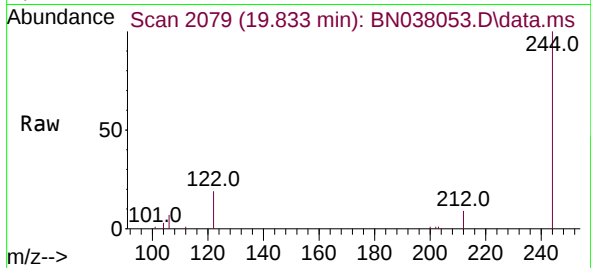




#31
 Terphenyl-d14
 Concen: 0.683 ng
 RT: 19.833 min Scan# 2083
 Delta R.T. -0.019 min
 Lab File: BN038053.D
 Acq: 07 Oct 2025 19:20

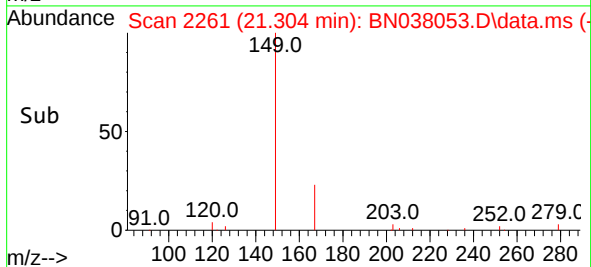
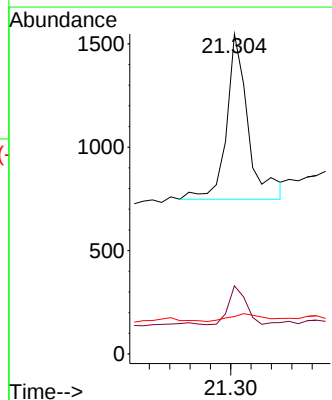
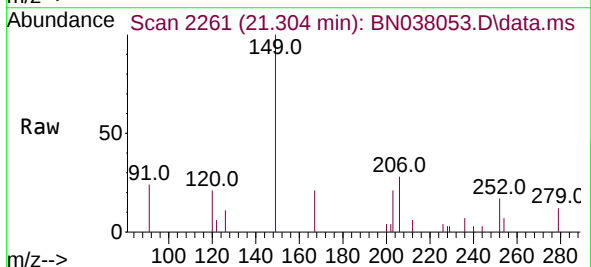
Instrument :
 BNA_N
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 RW8-SP303-20250926

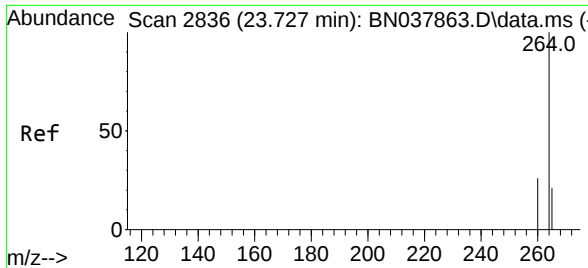
Tgt Ion:244 Resp: 14055
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.6 11.4
 122 19.2 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.083 ng
 RT: 21.304 min Scan# 2261
 Delta R.T. -0.018 min
 Lab File: BN038053.D
 Acq: 07 Oct 2025 19:20

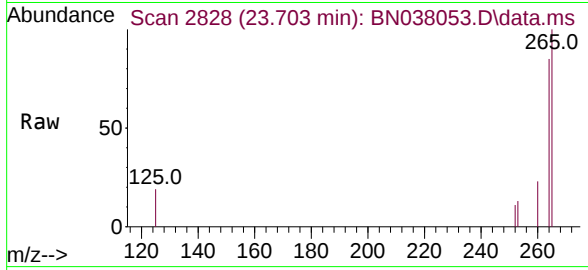
Tgt Ion:149 Resp: 1187
 Ion Ratio Lower Upper
 149 100
 167 19.0 20.4 30.6#
 279 7.5 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.703 min Scan# 28
 Delta R.T. -0.023 min
 Lab File: BN038053.D
 Acq: 07 Oct 2025 19:20

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250926



Tgt Ion:264 Resp: 8163

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.5	32.3
265	117.6	53.8	80.6#

