

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038017.D
 Acq On : 06 Oct 2025 19:48
 Operator : RC/JU
 Sample : Q3194-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01I-20250922

Quant Time: Oct 07 01:39:36 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)

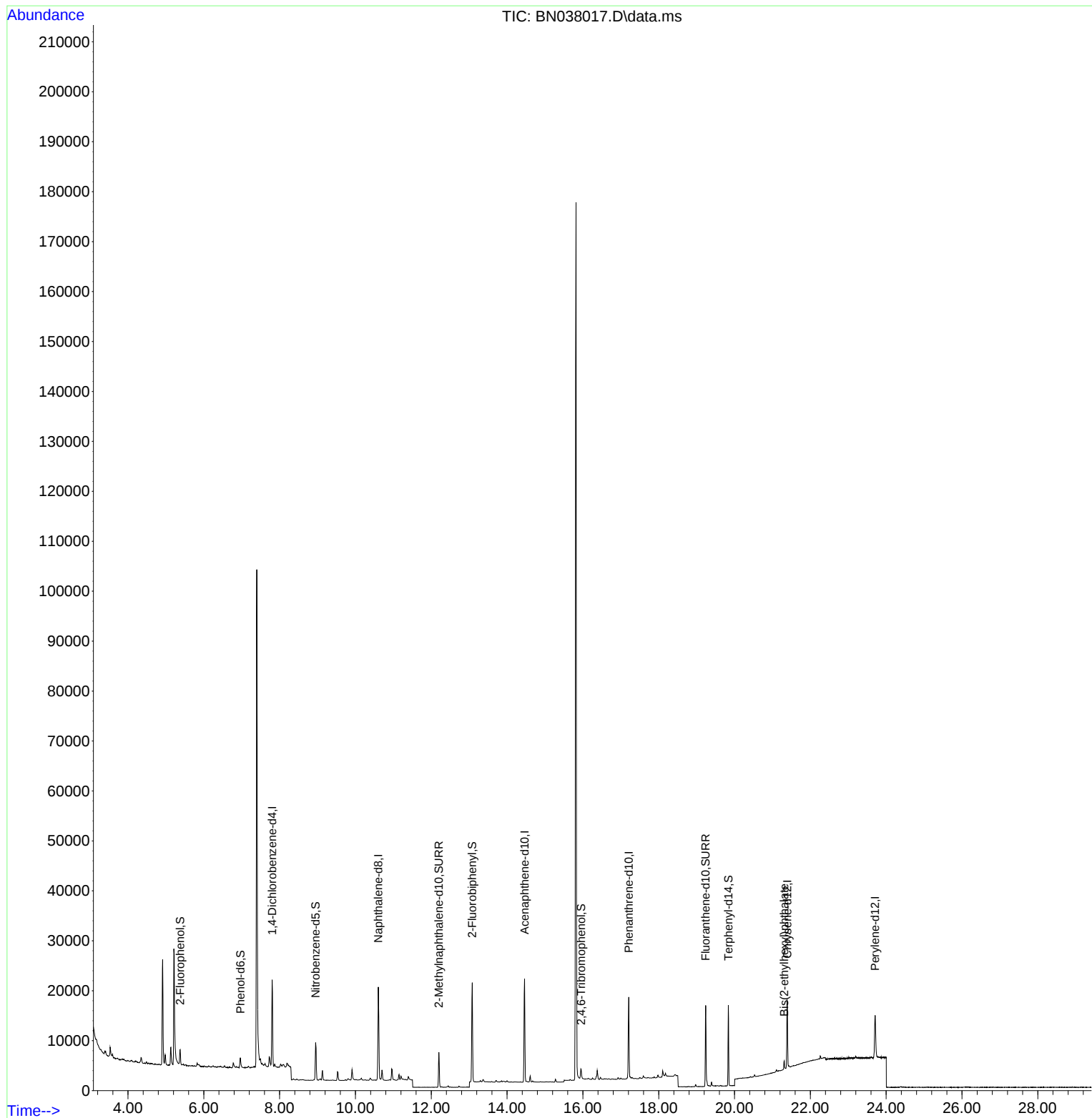
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	8350	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	23997	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	12038	0.400	ng	-0.01
19) Phenanthrene-d10	17.210	188	21770	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	13512	0.400	ng	0.00
35) Perylene-d12	23.709	264	12343	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2383	0.125	ng	0.00
5) Phenol-d6	6.966	99	1761	0.070	ng	0.00
8) Nitrobenzene-d5	8.950	82	6019	0.329	ng	-0.02
11) 2-Methylnaphthalene-d10	12.202	152	9158	0.275	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	1227	0.269	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	17179	0.349	ng	-0.01
27) Fluoranthene-d10	19.238	212	17779	0.325	ng	-0.01
31) Terphenyl-d14	19.838	244	14262	0.530	ng	-0.01
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.313	149	1964	0.105	ng	Qvalue 97

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

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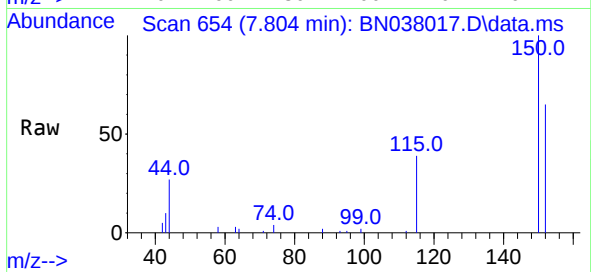
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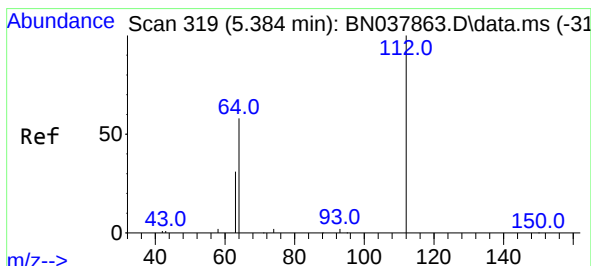
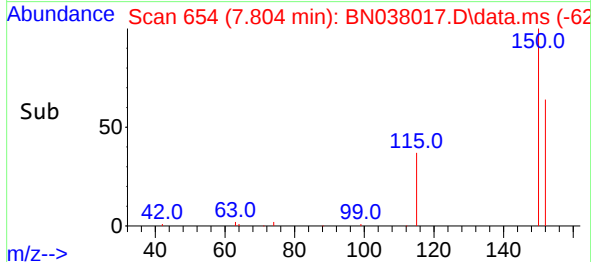
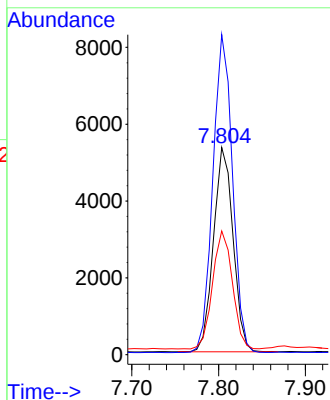


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038017.D
Acq: 06 Oct 2025 19:48

Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250922

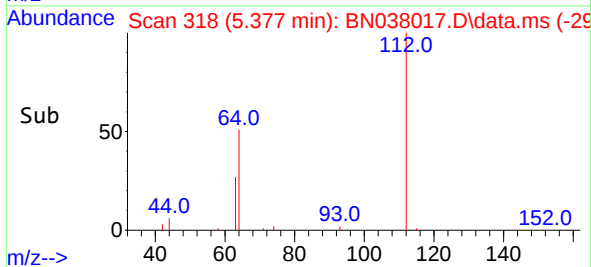
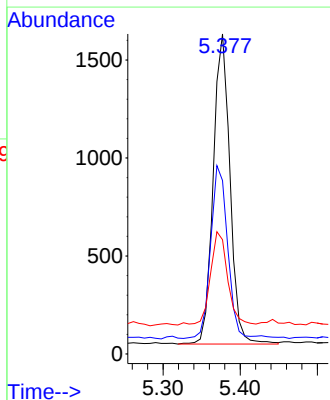
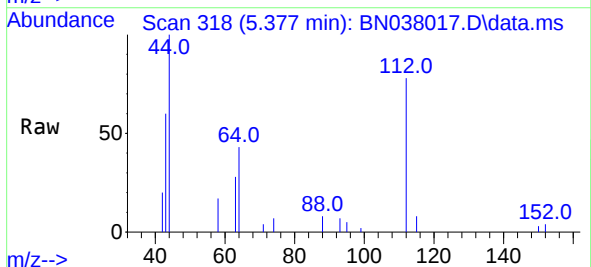


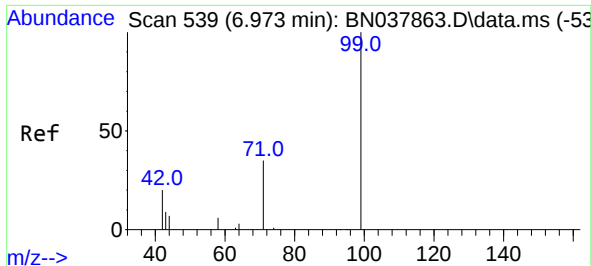
Tgt Ion:152 Resp: 8350
Ion Ratio Lower Upper
152 100
150 154.4 121.0 181.4
115 59.7 47.4 71.0



#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.377 min Scan# 318
Delta R.T. -0.007 min
Lab File: BN038017.D
Acq: 06 Oct 2025 19:48

Tgt Ion:112 Resp: 2383
Ion Ratio Lower Upper
112 100
64 56.0 44.6 66.8
63 31.0 24.9 37.3

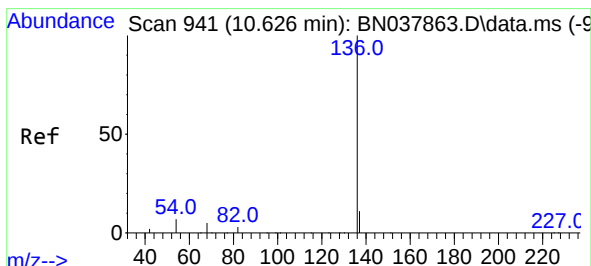
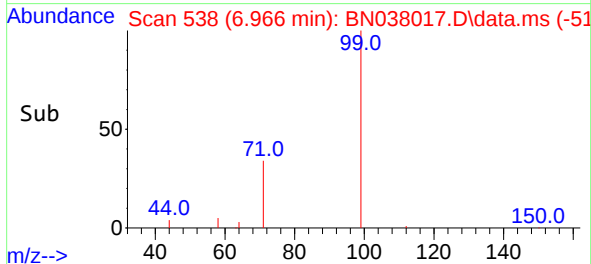
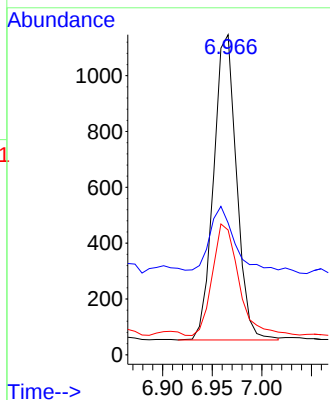
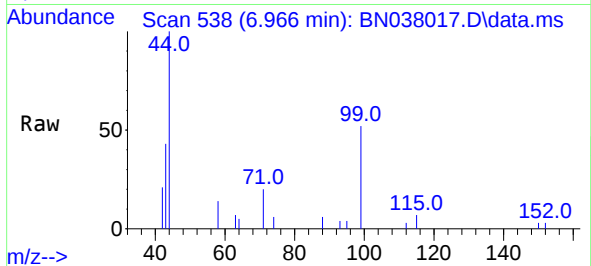




#5
Phenol-d6
Concen: 0.070 ng
RT: 6.966 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN038017.D
Acq: 06 Oct 2025 19:48

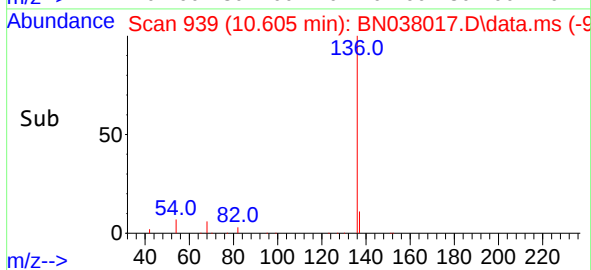
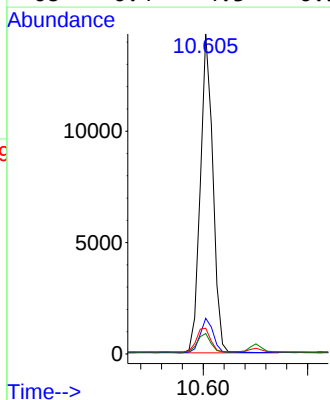
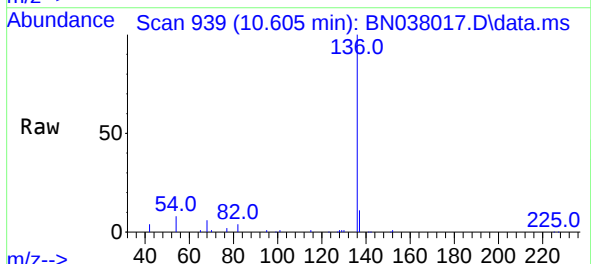
Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250922

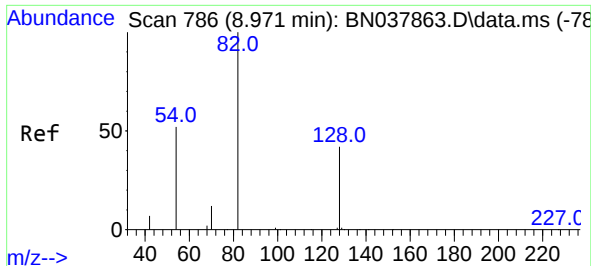
Tgt Ion: 99 Resp: 1761
Ion Ratio Lower Upper
99 100
42 26.1 17.2 25.8#
71 42.1 27.3 40.9#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.022 min
Lab File: BN038017.D
Acq: 06 Oct 2025 19:48

Tgt Ion: 136 Resp: 23997
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.1 5.8 8.8
68 6.4 4.3 6.5

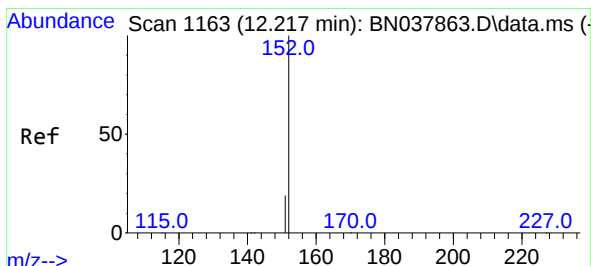
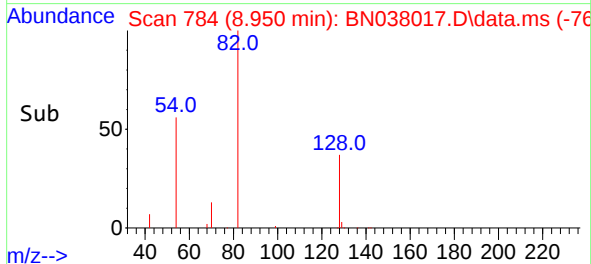
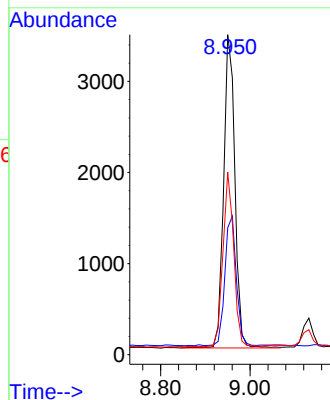
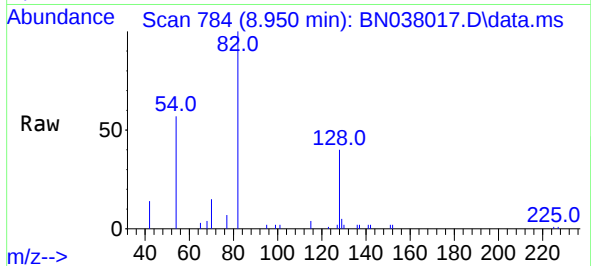




#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 8.950 min Scan# 71
Delta R.T. -0.022 min
Lab File: BN038017.D
Acq: 06 Oct 2025 19:48

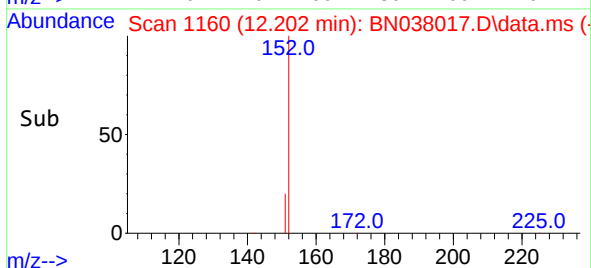
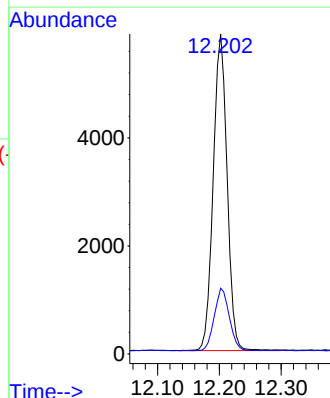
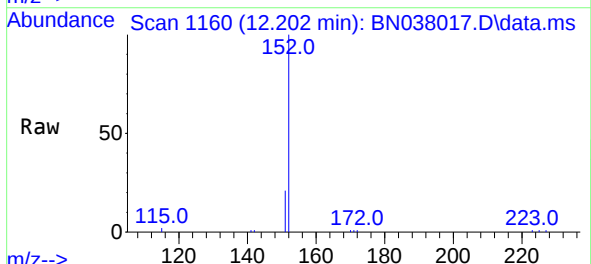
Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250922

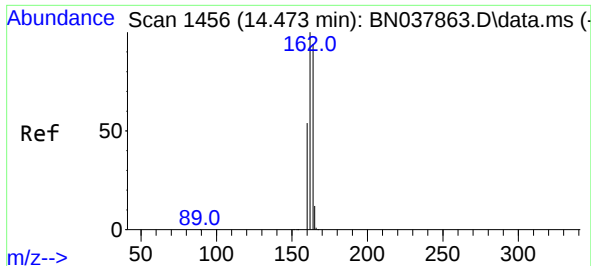
Tgt Ion: 82 Resp: 6019
Ion Ratio Lower Upper
82 100
128 39.7 34.8 52.2
54 57.0 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 12.202 min Scan# 1160
Delta R.T. -0.015 min
Lab File: BN038017.D
Acq: 06 Oct 2025 19:48

Tgt Ion: 152 Resp: 9158
Ion Ratio Lower Upper
152 100
151 21.4 17.4 26.2

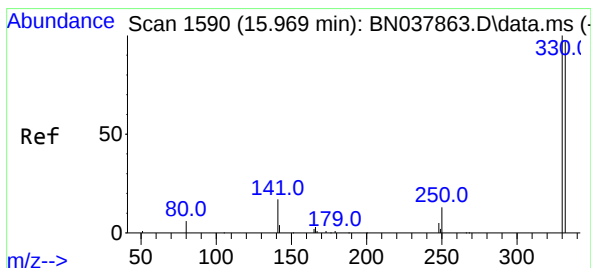
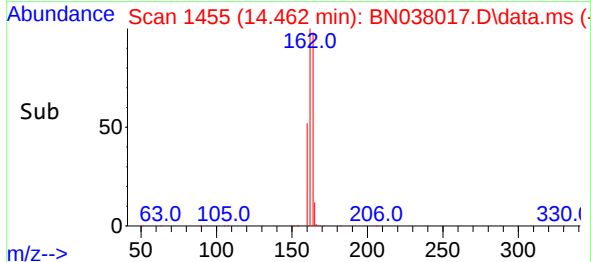
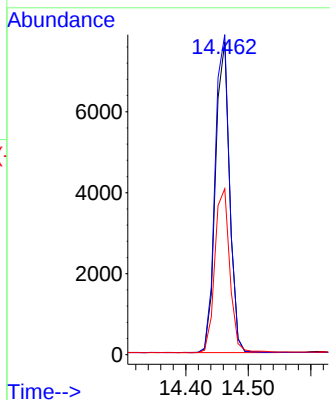
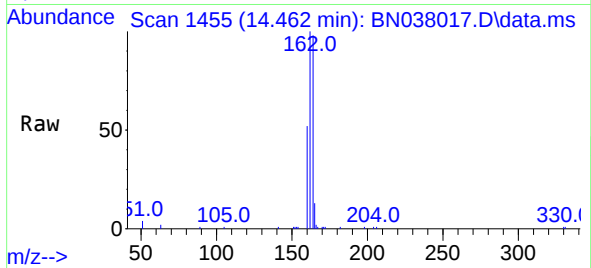




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1456
Delta R.T. -0.011 min
Lab File: BN038017.D
Acq: 06 Oct 2025 19:48

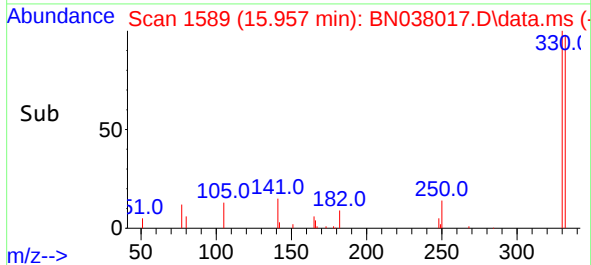
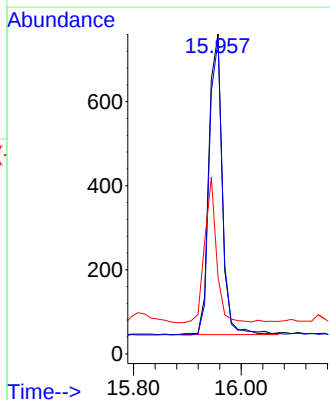
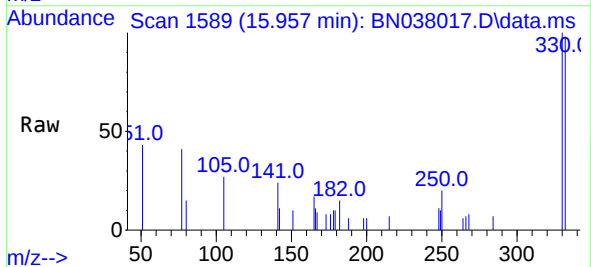
Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250922

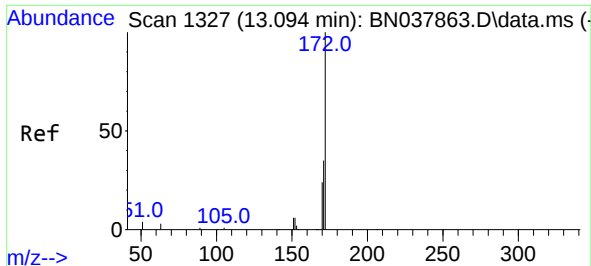
Tgt Ion:164 Resp: 12038
Ion Ratio Lower Upper
164 100
162 102.3 84.8 127.2
160 53.0 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN038017.D
Acq: 06 Oct 2025 19:48

Tgt Ion:330 Resp: 1227
Ion Ratio Lower Upper
330 100
332 96.9 77.2 115.8
141 43.1 37.2 55.8

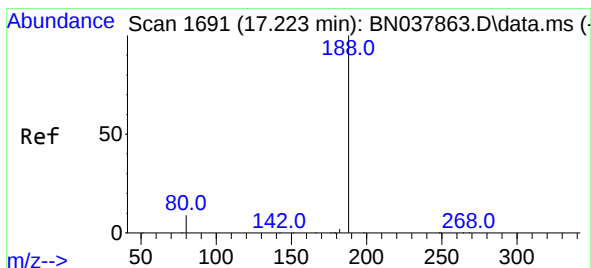
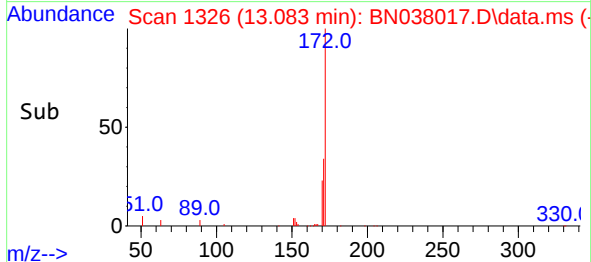
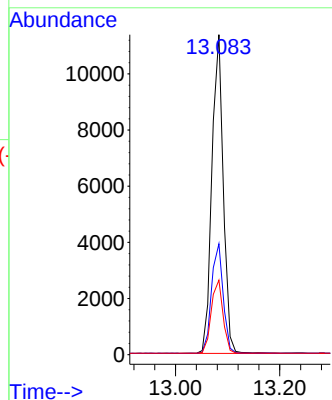
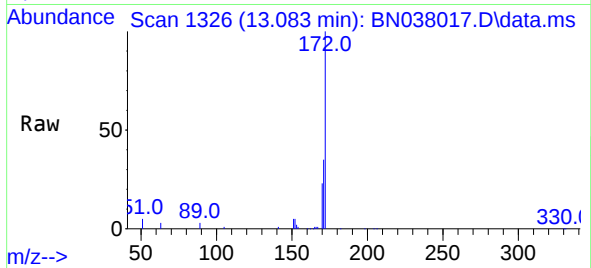




#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 13.083 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN038017.D
Acq: 06 Oct 2025 19:48

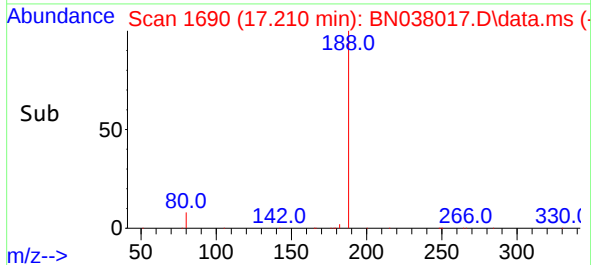
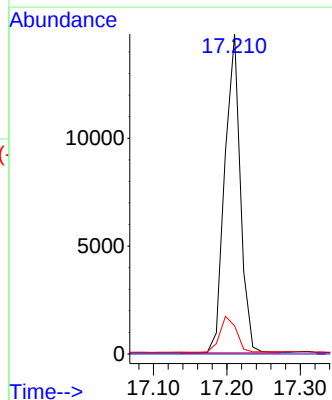
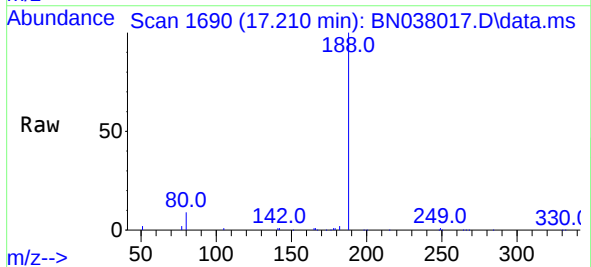
Instrument :
BNA_N
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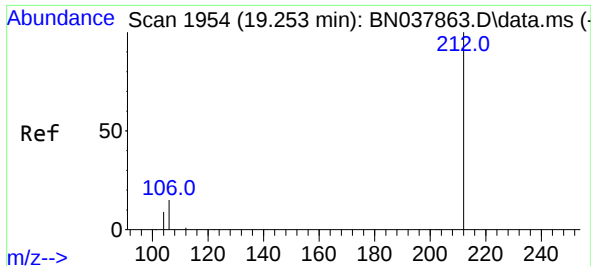
Tgt Ion:172	Resp:	17179
Ion	Ratio	Lower Upper
172	100	
171	34.7	28.6 43.0
170	23.3	19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN038017.D
Acq: 06 Oct 2025 19:48

Tgt Ion:188	Resp:	21770
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	8.8	7.6 11.4



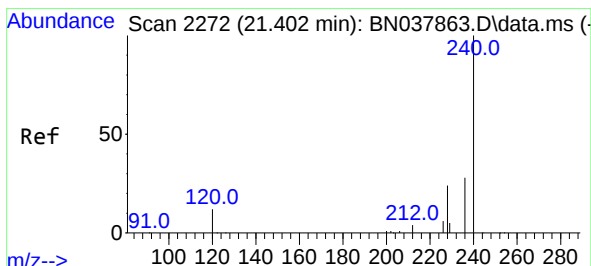
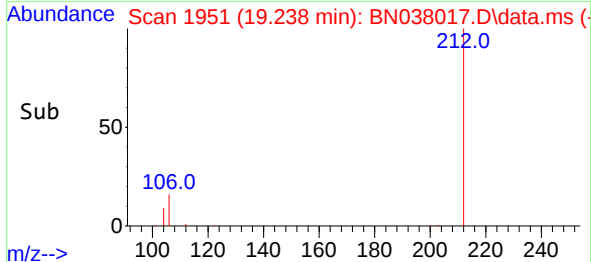
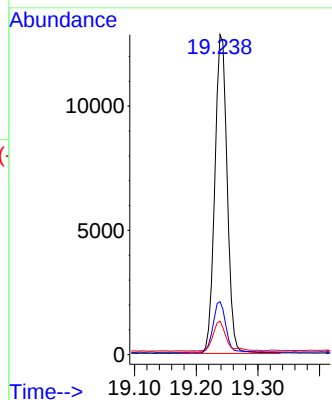
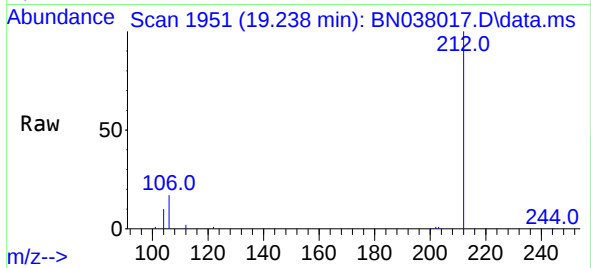


#27
Fluoranthene-d10
Concen: 0.325 ng
RT: 19.238 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038017.D
Acq: 06 Oct 2025 19:48

Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250922

Tgt Ion:212 Resp: 17779

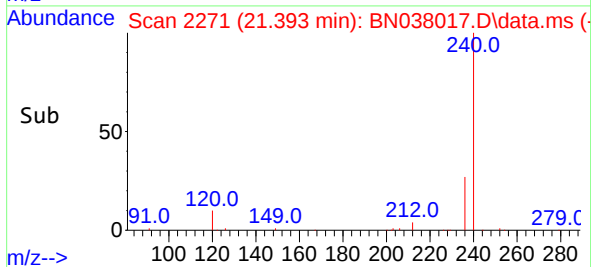
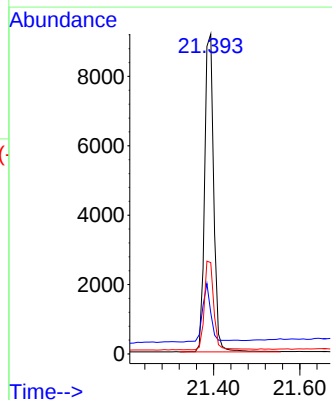
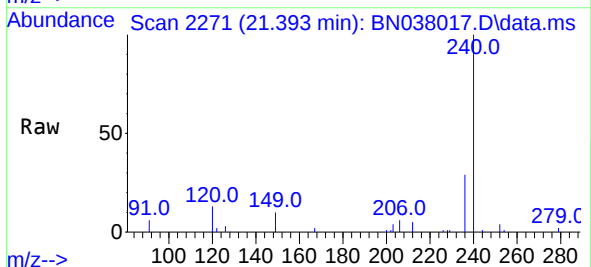
Ion	Ratio	Lower	Upper
212	100		
106	16.4	12.6	19.0
104	10.1	7.4	11.0

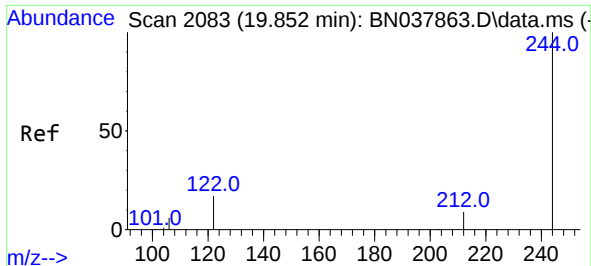


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038017.D
Acq: 06 Oct 2025 19:48

Tgt Ion:240 Resp: 13512

Ion	Ratio	Lower	Upper
240	100		
120	12.8	11.4	17.2
236	28.5	23.0	34.6

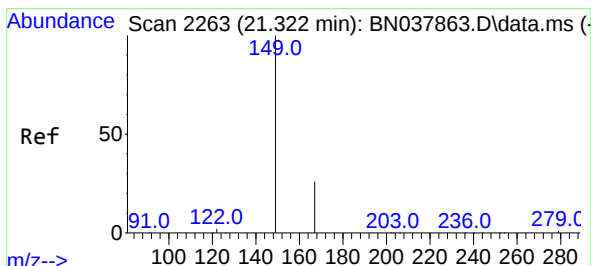
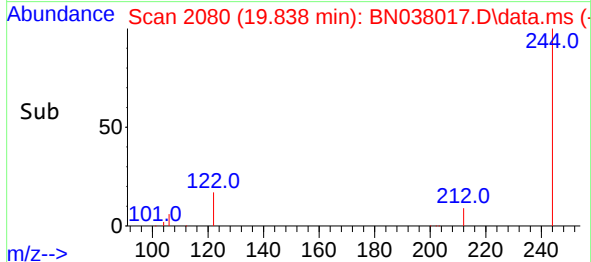
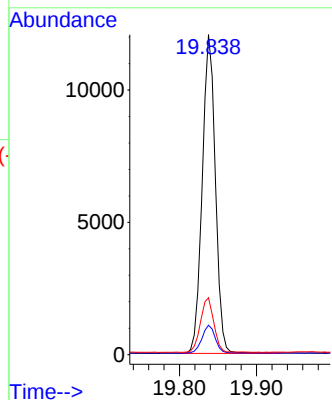
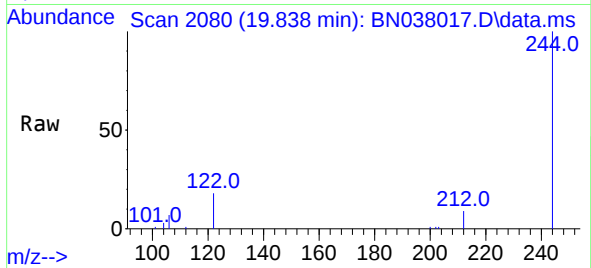




#31
Terphenyl-d14
Concen: 0.530 ng
RT: 19.838 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038017.D
Acq: 06 Oct 2025 19:48

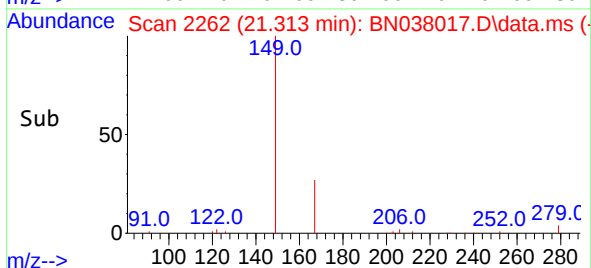
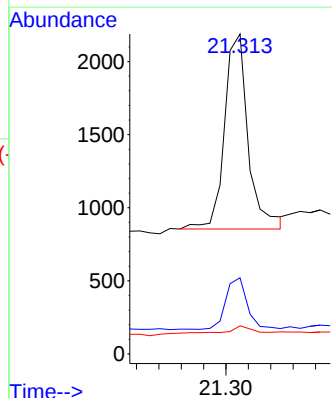
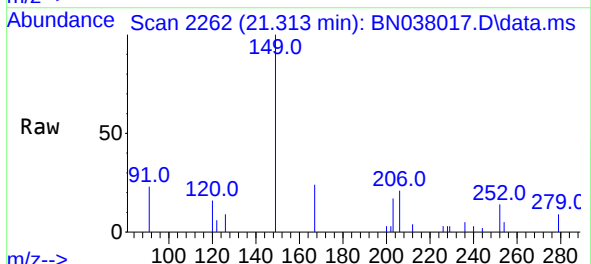
Instrument :
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RW11-MW01I-20250922

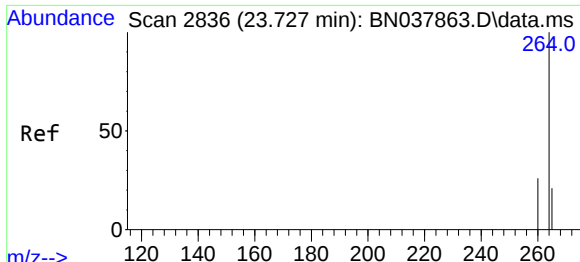
Tgt Ion:244 Resp: 14262
Ion Ratio Lower Upper
244 100
212 9.2 7.6 11.4
122 17.8 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.105 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.009 min
Lab File: BN038017.D
Acq: 06 Oct 2025 19:48

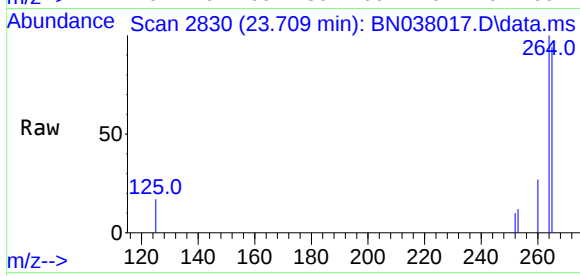
Tgt Ion:149 Resp: 1964
Ion Ratio Lower Upper
149 100
167 23.6 20.4 30.6
279 3.2 2.4 3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.709 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN038017.D
Acq: 06 Oct 2025 19:48

Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250922



Tgt Ion:264 Resp: 12343

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.5	32.3
265	94.2	53.8	80.6#

