

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037914.D
 Acq On : 26 Sep 2025 07:06
 Operator : RC/JU
 Sample : Q3156-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D1-20250919

Quant Time: Sep 26 07:49:06 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)

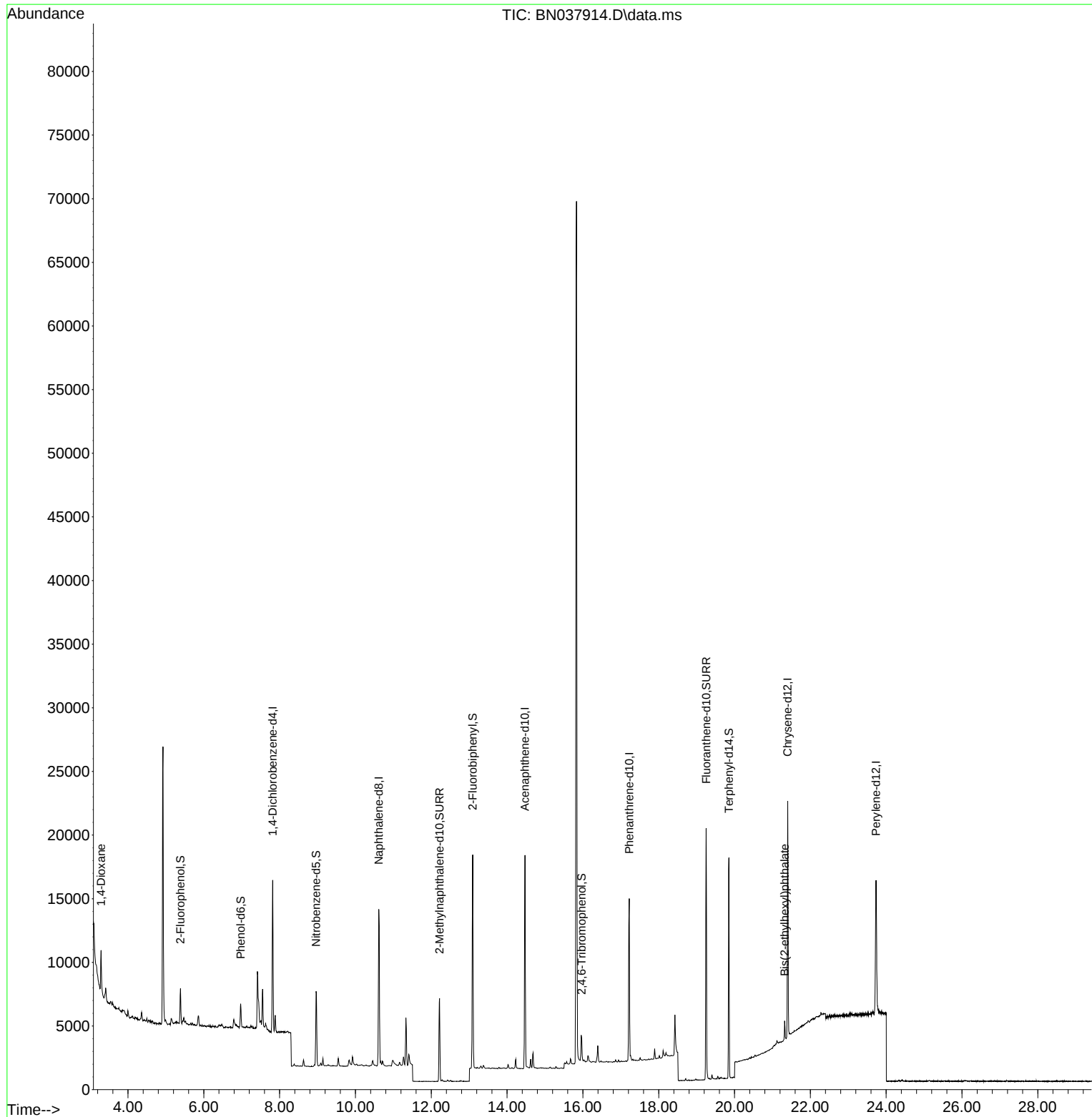
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	5754	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	16872	0.400	ng	#-0.01
13) Acenaphthene-d10	14.473	164	8712	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	18412	0.400	ng	0.00
29) Chrysene-d12	21.402	240	15939	0.400	ng	0.00
35) Perylene-d12	23.733	264	15338	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2158	0.164	ng	0.00
5) Phenol-d6	6.973	99	1636	0.095	ng	0.00
8) Nitrobenzene-d5	8.961	82	4997	0.388	ng	-0.01
11) 2-Methylnaphthalene-d10	12.217	152	8790	0.375	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1297	0.393	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	14220	0.399	ng	0.00
27) Fluoranthene-d10	19.252	212	21531	0.465	ng	0.00
31) Terphenyl-d14	19.852	244	15976	0.503	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	2110	0.361	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.322	149	1562	0.071	ng	# 99

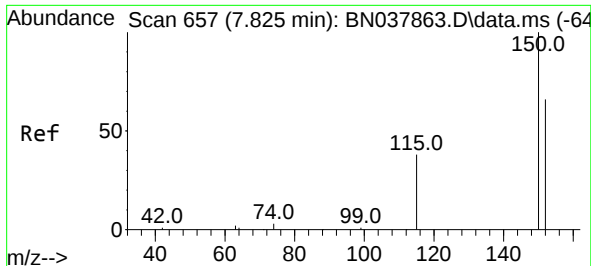
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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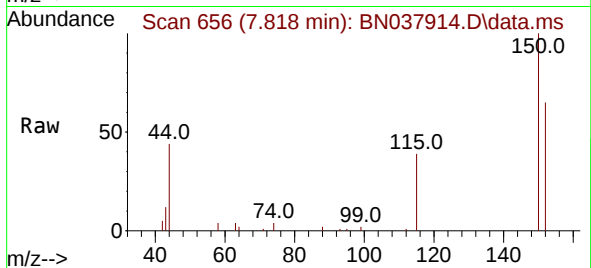
Quant Time: Sep 26 07:49:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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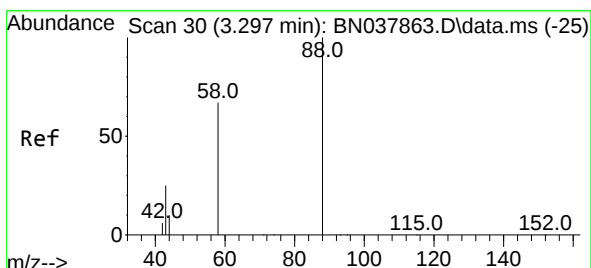
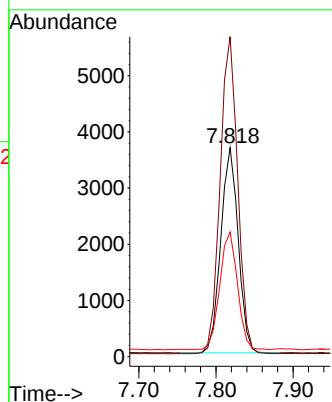
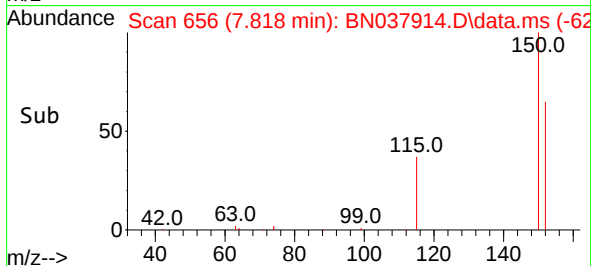


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037914.D
 Acq: 26 Sep 2025 07:06

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D1-20250919

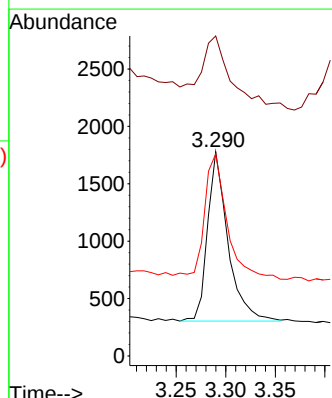
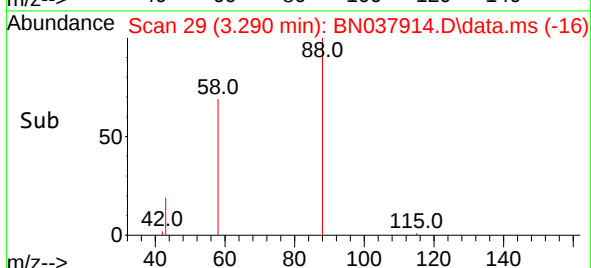
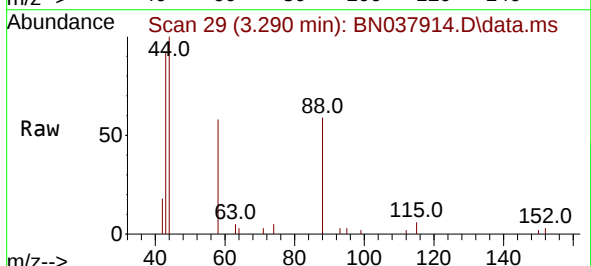


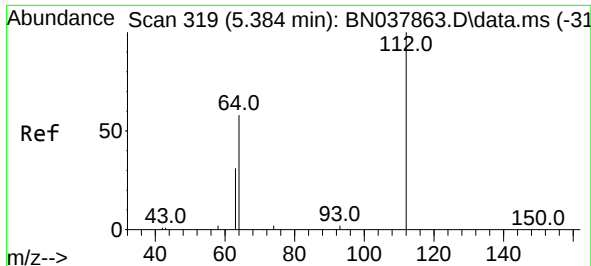
Tgt Ion:152 Resp: 5754
 Ion Ratio Lower Upper
 152 100
 150 153.1 121.0 181.4
 115 59.6 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.361 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037914.D
 Acq: 26 Sep 2025 07:06

Tgt Ion: 88 Resp: 2110
 Ion Ratio Lower Upper
 88 100
 43 58.1 26.6 39.8#
 58 80.8 58.9 88.3

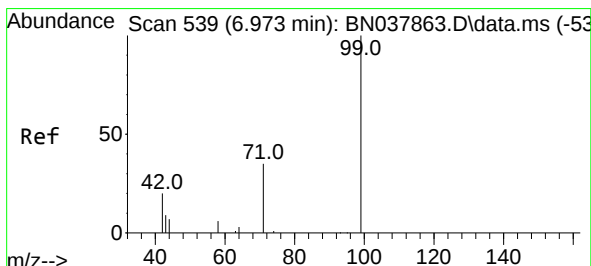
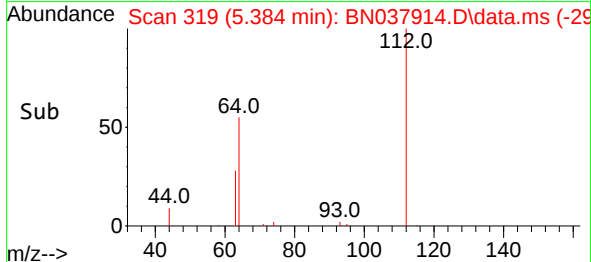
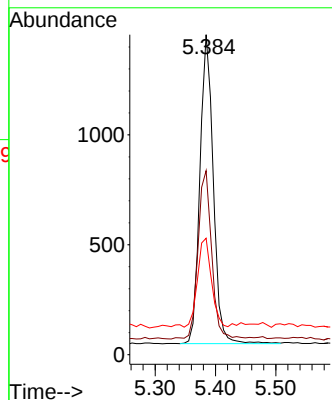
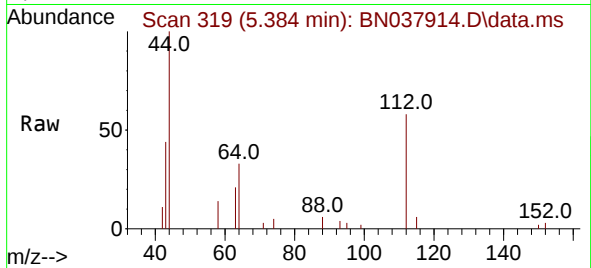




#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037914.D
Acq: 26 Sep 2025 07:06

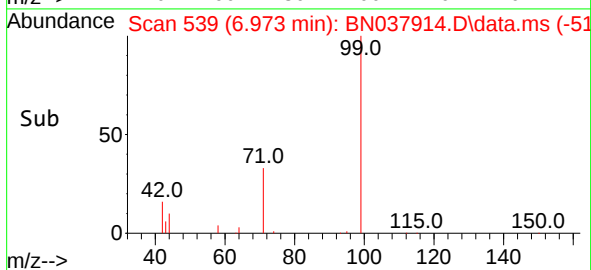
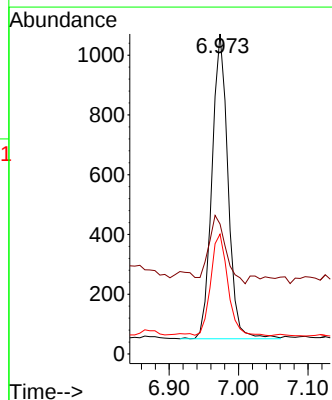
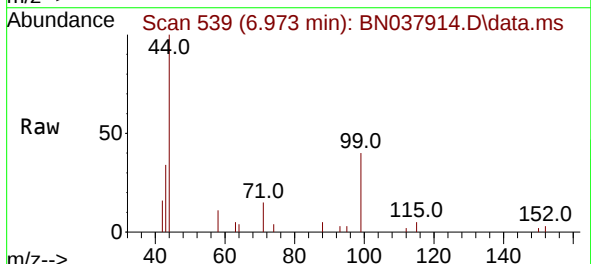
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D1-20250919

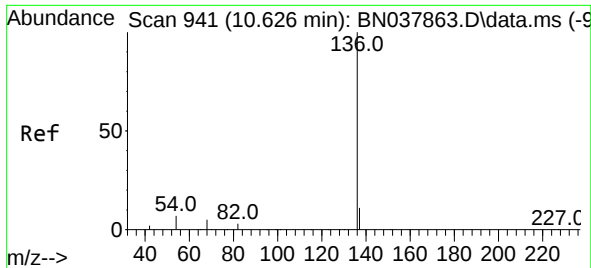
Tgt Ion:112 Resp: 2158
Ion Ratio Lower Upper
112 100
64 55.5 44.6 66.8
63 29.8 24.9 37.3



#5
Phenol-d6
Concen: 0.095 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037914.D
Acq: 26 Sep 2025 07:06

Tgt Ion: 99 Resp: 1636
Ion Ratio Lower Upper
99 100
42 23.3 17.2 25.8
71 35.7 27.3 40.9

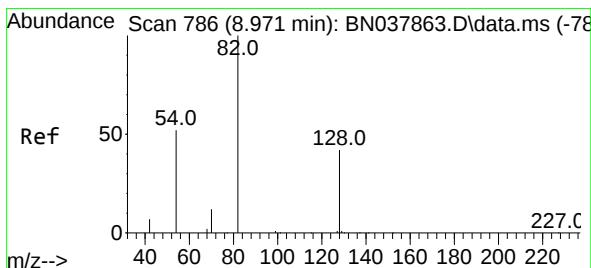
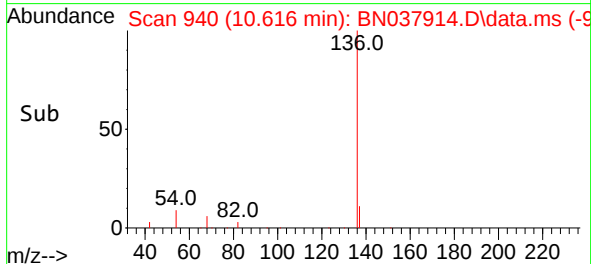
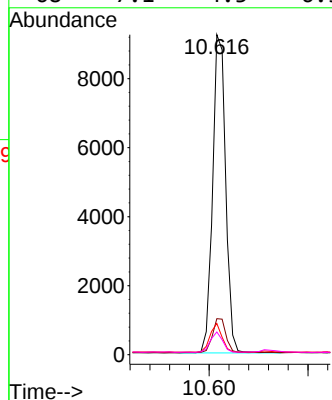
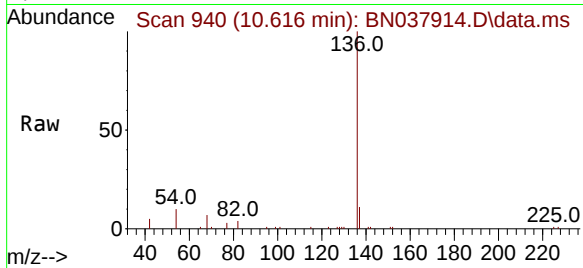




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037914.D
Acq: 26 Sep 2025 07:06

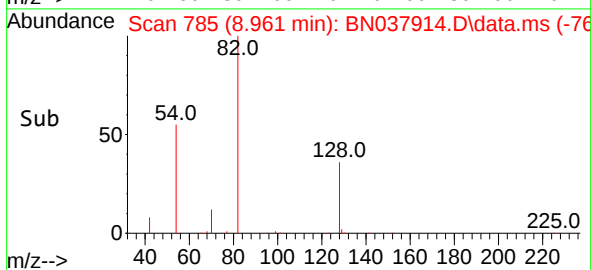
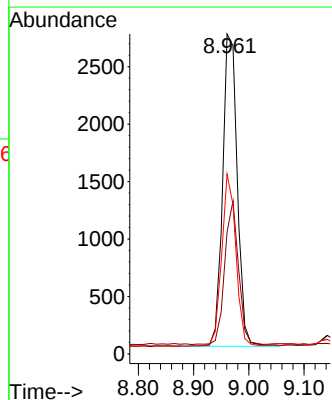
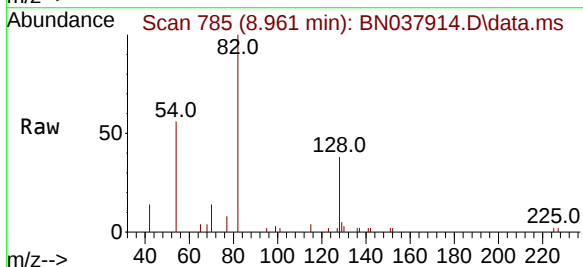
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D1-20250919

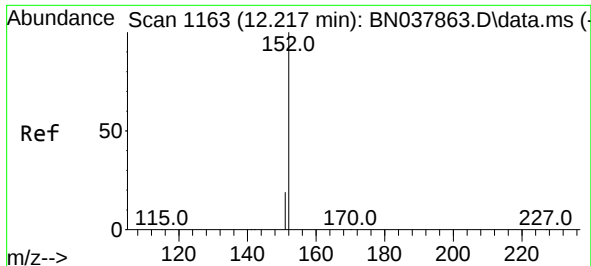
Tgt Ion:	136	Resp:	16872
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	9.7	5.8	8.8#
68	7.1	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.388 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037914.D
Acq: 26 Sep 2025 07:06

Tgt Ion:	82	Resp:	4997
Ion	Ratio	Lower	Upper
82	100		
128	38.1	34.8	52.2
54	56.2	42.2	63.2

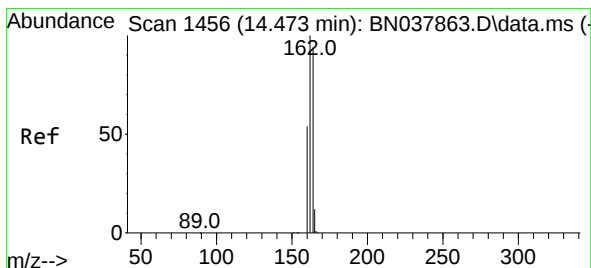
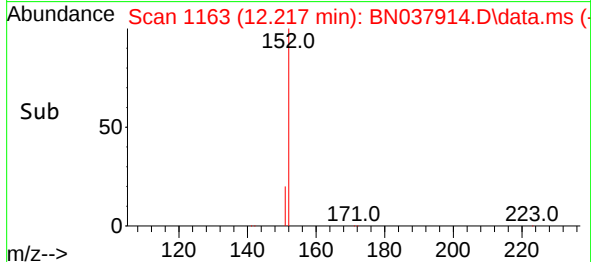
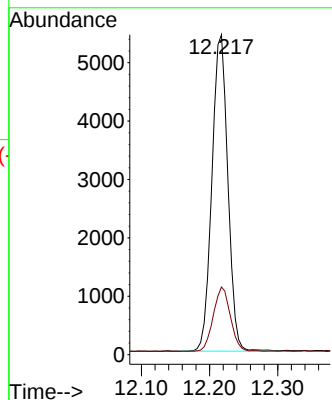
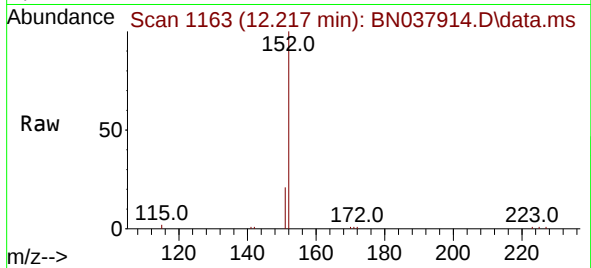




#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.217 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN037914.D
Acq: 26 Sep 2025 07:06

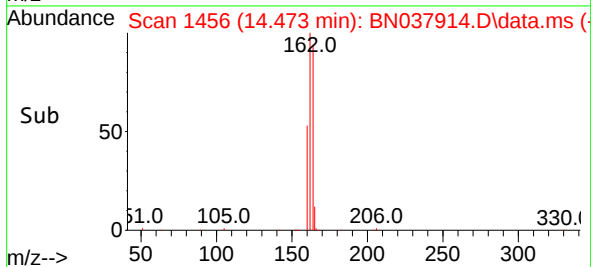
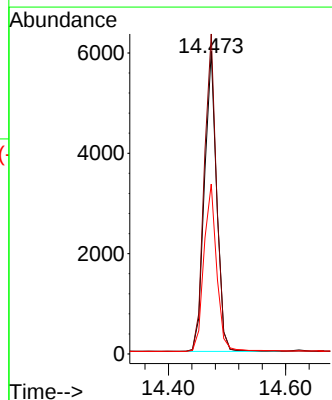
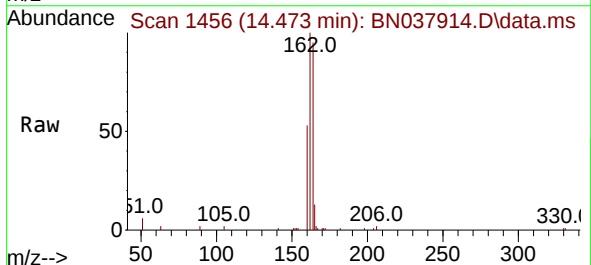
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D1-20250919

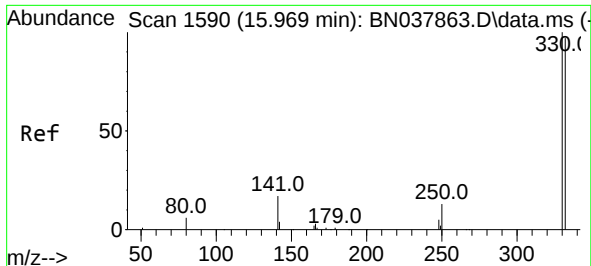
Tgt Ion:152 Resp: 8790
Ion Ratio Lower Upper
152 100
151 21.9 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037914.D
Acq: 26 Sep 2025 07:06

Tgt Ion:164 Resp: 8712
Ion Ratio Lower Upper
164 100
162 105.7 84.8 127.2
160 56.2 46.1 69.1

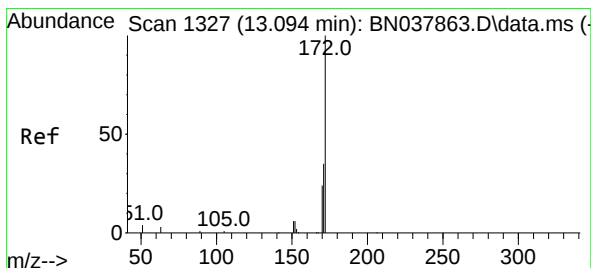
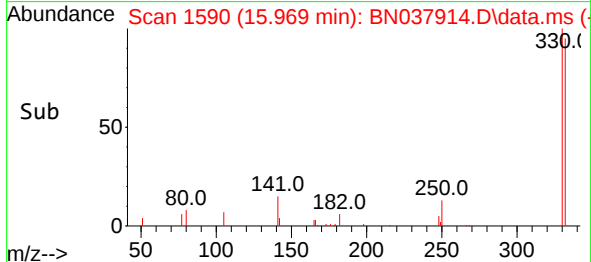
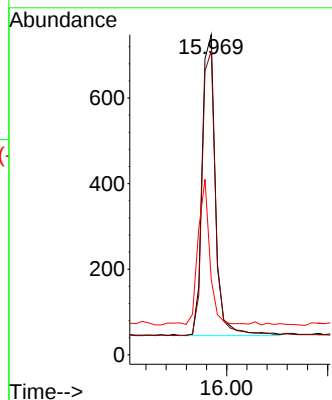
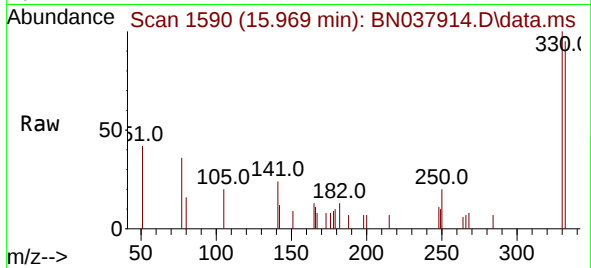




#14
2,4,6-Tribromophenol
Concen: 0.393 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN037914.D
Acq: 26 Sep 2025 07:06

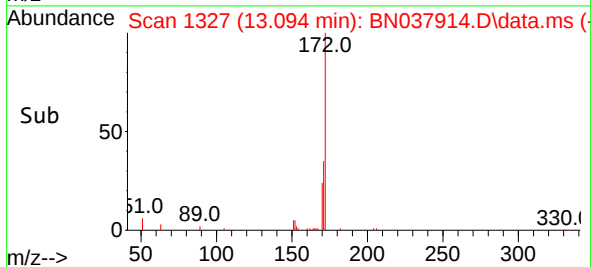
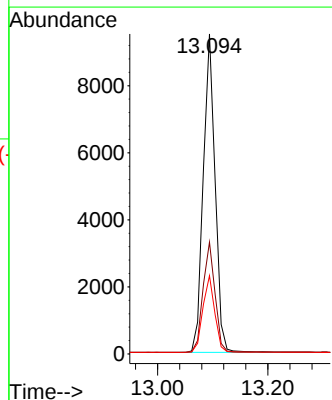
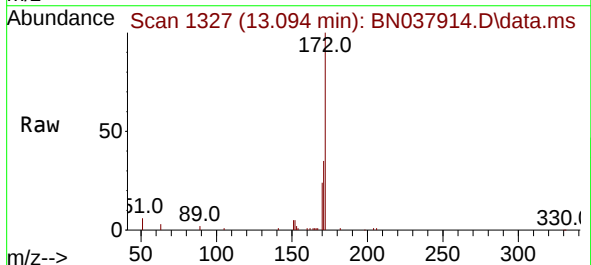
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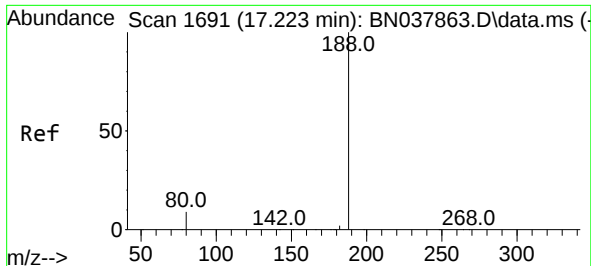
Tgt Ion:330 Resp: 1297
Ion Ratio Lower Upper
330 100
332 95.1 77.2 115.8
141 42.9 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037914.D
Acq: 26 Sep 2025 07:06

Tgt Ion:172 Resp: 14220
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 24.4 19.7 29.5

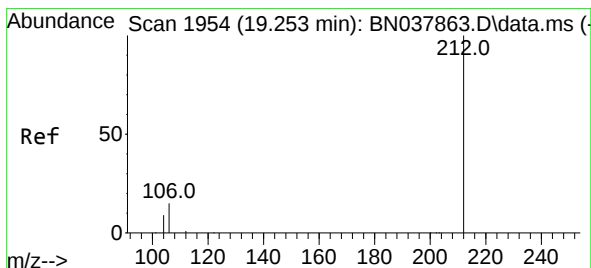
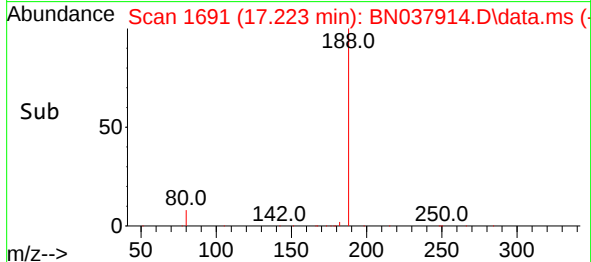
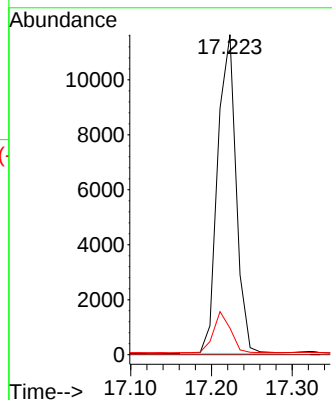
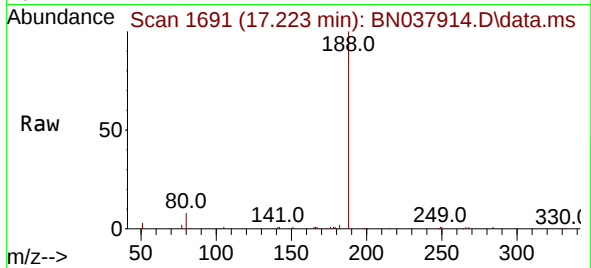




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037914.D
Acq: 26 Sep 2025 07:06

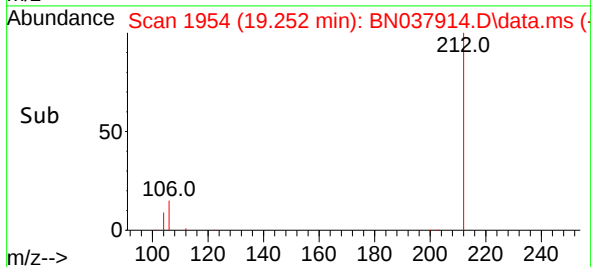
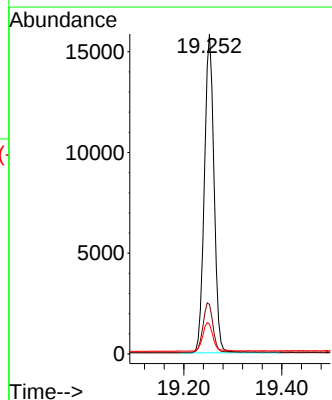
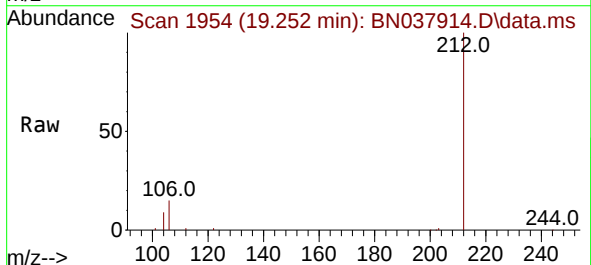
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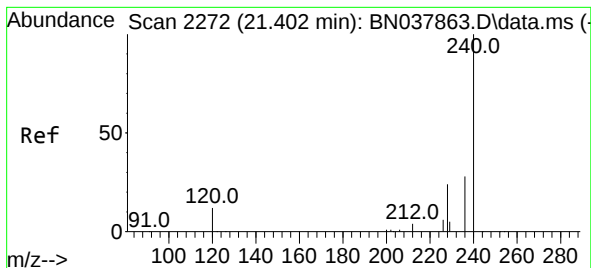
Tgt Ion:188 Resp: 18412
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 7.6 11.4



#27
Fluoranthene-d10
Concen: 0.465 ng
RT: 19.252 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037914.D
Acq: 26 Sep 2025 07:06

Tgt Ion:212 Resp: 21531
Ion Ratio Lower Upper
212 100
106 15.9 12.6 19.0
104 9.5 7.4 11.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.402 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037914.D

Acq: 26 Sep 2025 07:06

Instrument :

BNA_N

ClientSampleId :

RW9-MW01D1-20250919

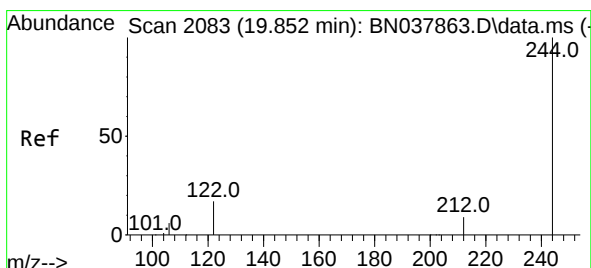
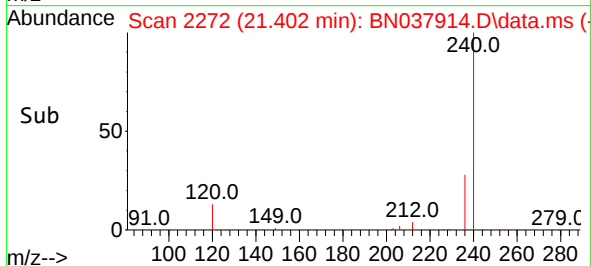
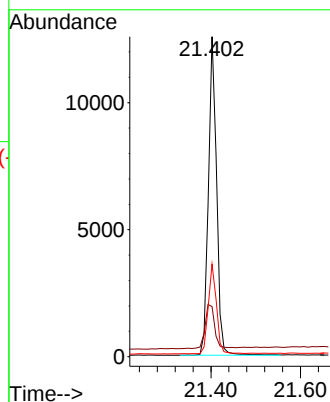
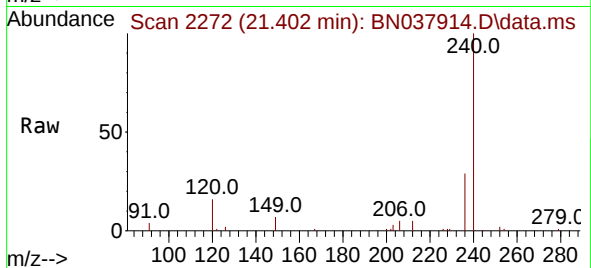
Tgt Ion:240 Resp: 15939

Ion Ratio Lower Upper

240 100

120 15.6 11.4 17.2

236 28.9 23.0 34.6



#31

Terphenyl-d14

Concen: 0.503 ng

RT: 19.852 min Scan# 2083

Delta R.T. -0.000 min

Lab File: BN037914.D

Acq: 26 Sep 2025 07:06

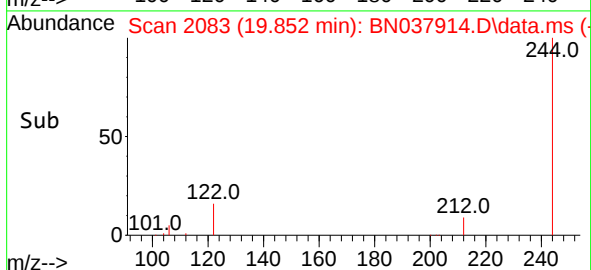
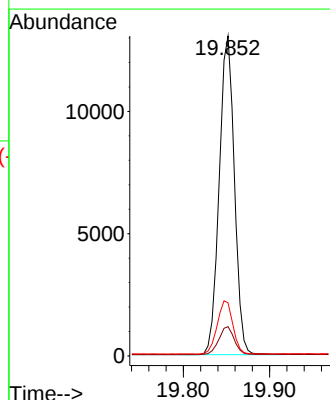
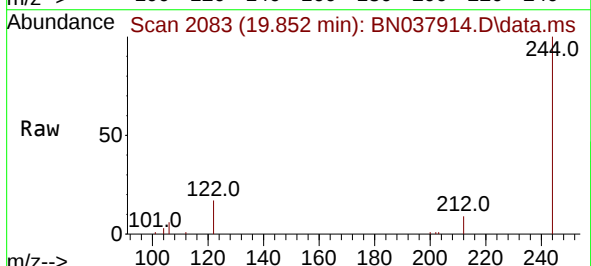
Tgt Ion:244 Resp: 15976

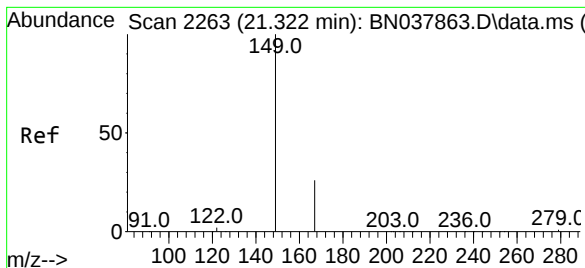
Ion Ratio Lower Upper

244 100

212 9.2 7.6 11.4

122 16.6 13.9 20.9





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.071 ng

RT: 21.322 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037914.D

Acq: 26 Sep 2025 07:06

Instrument :

BNA_N

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RW9-MW01D1-20250919

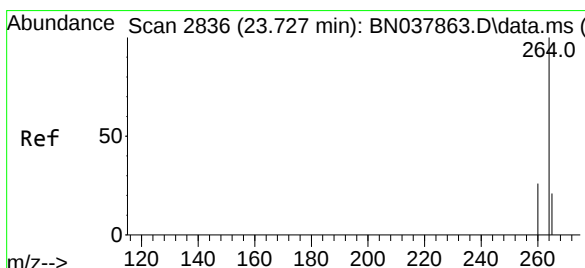
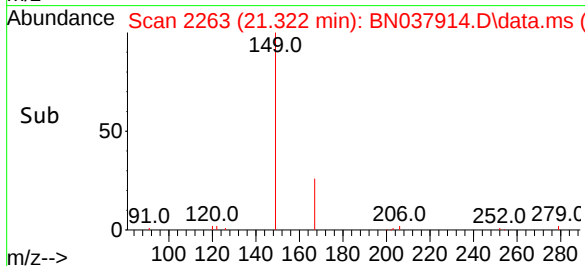
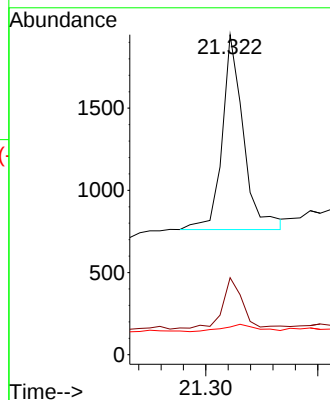
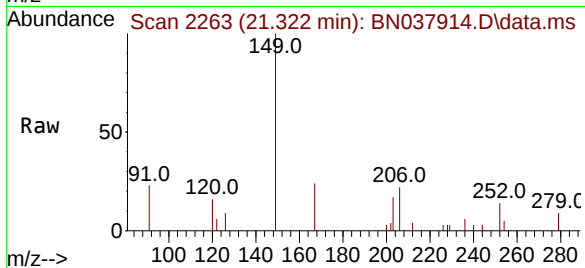
Tgt Ion:149 Resp: 1562

Ion Ratio Lower Upper

149 100

167 25.4 20.4 30.6

279 5.8 2.4 3.6#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.733 min Scan# 2838

Delta R.T. 0.006 min

Lab File: BN037914.D

Acq: 26 Sep 2025 07:06

Tgt Ion:264 Resp: 15338

Ion Ratio Lower Upper

264 100

260 27.2 21.5 32.3

265 75.8 53.8 80.6

