

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037762.D
 Acq On : 18 Sep 2025 04:34
 Operator : RC/JU
 Sample : Q3095-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20250909

Quant Time: Sep 18 05:29:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

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

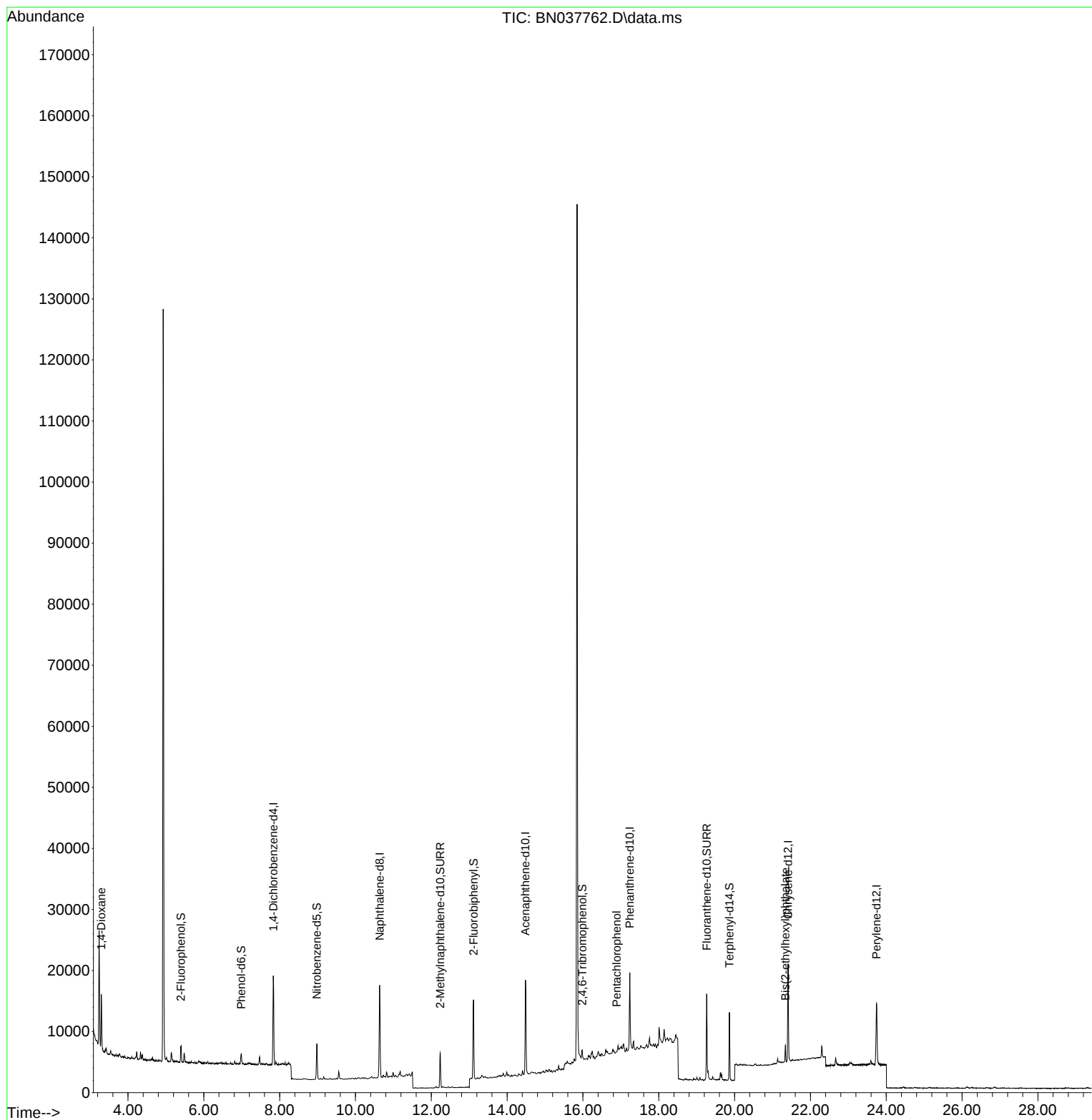
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	6993	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	18780	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	8989	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	16581	0.400	ng	0.00
29) Chrysene-d12	21.411	240	13960	0.400	ng	# 0.00
35) Perylene-d12	23.744	264	14258	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2224	0.139	ng	0.00
5) Phenol-d6	6.988	99	1599	0.077	ng	0.00
8) Nitrobenzene-d5	8.982	82	4348	0.317	ng	-0.01
11) 2-Methylnaphthalene-d10	12.232	152	7421	0.298	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	878	0.374	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	11793	0.314	ng	0.00
27) Fluoranthene-d10	19.266	212	15400	0.370	ng	0.00
31) Terphenyl-d14	19.861	244	10486	0.370	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.297	88	5205	0.715	ng	95
24) Pentachlorophenol	16.888	266	124	0.034	ng	# 78
34) Bis(2-ethylhexyl)phtha...	21.339	149	2706	0.187	ng	99

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

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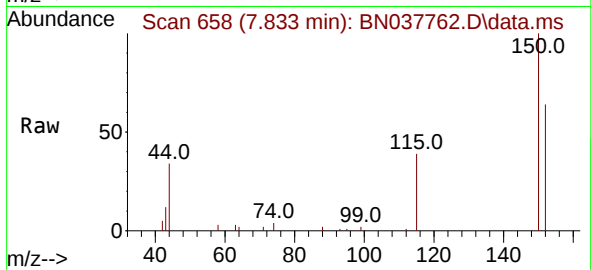
Quant Time: Sep 18 05:29:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



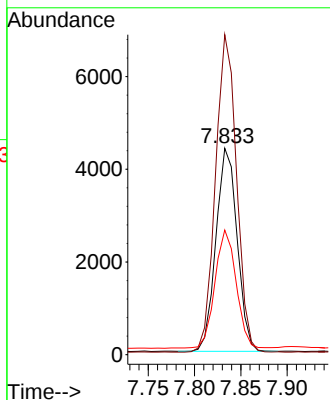
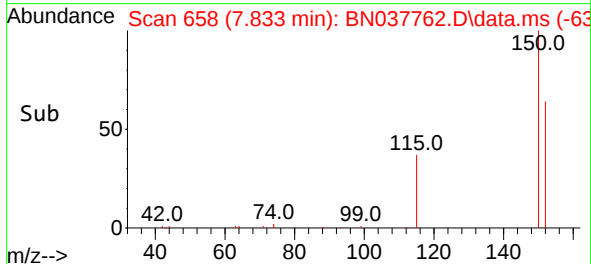


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037762.D
 Acq: 18 Sep 2025 04:34

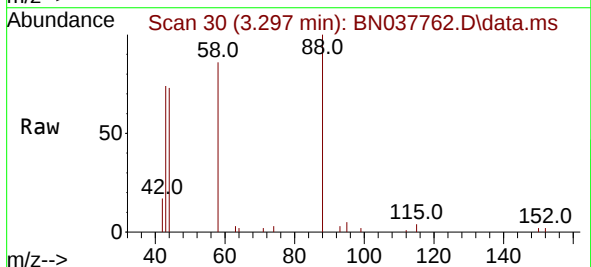
Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20250909



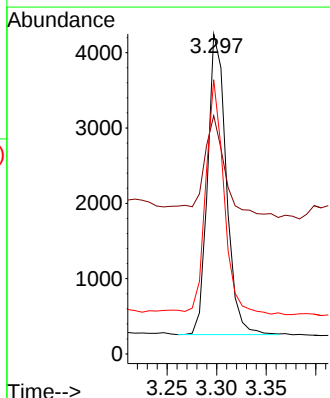
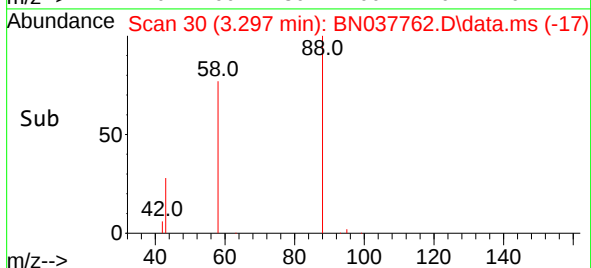
Tgt Ion:152 Resp: 6993
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.5 186.7
 115 60.4 49.2 73.8



#2
 1,4-Dioxane
 Concen: 0.715 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037762.D
 Acq: 18 Sep 2025 04:34



Tgt Ion: 88 Resp: 5205
 Ion Ratio Lower Upper
 88 100
 43 39.3 26.8 40.2
 58 79.2 61.9 92.9

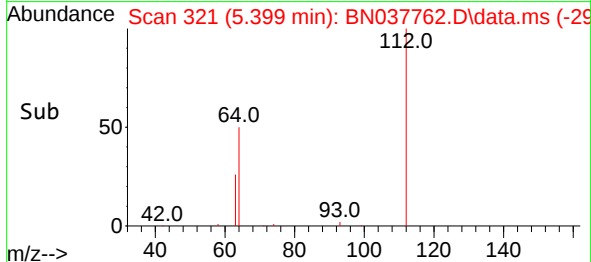
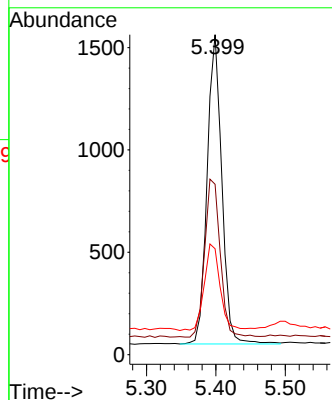
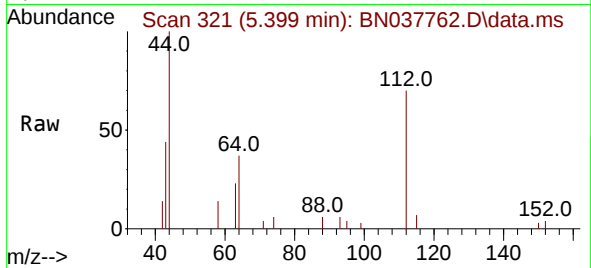




#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037762.D
Acq: 18 Sep 2025 04:34

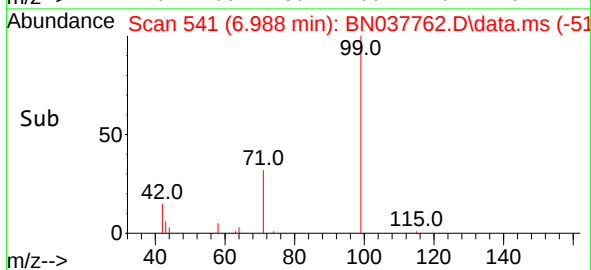
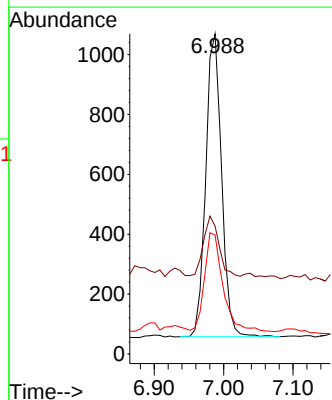
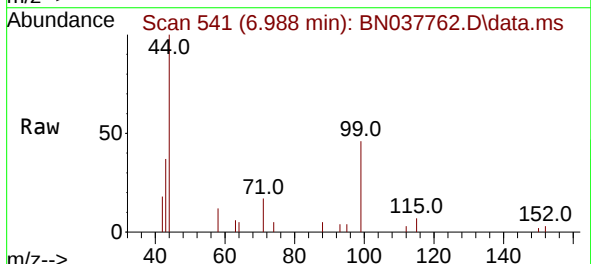
Instrument :
BNA_N
ClientSampleId :
RE123D1-20250909

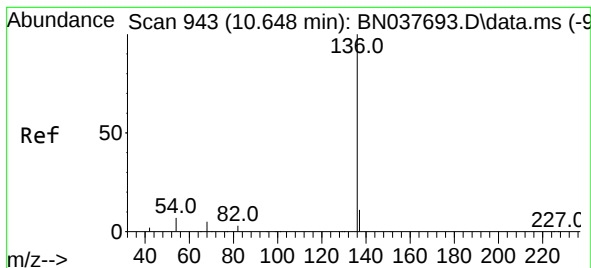
Tgt Ion:112 Resp: 2224
Ion Ratio Lower Upper
112 100
64 54.1 44.9 67.3
63 30.1 24.7 37.1



#5
Phenol-d6
Concen: 0.077 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037762.D
Acq: 18 Sep 2025 04:34

Tgt Ion: 99 Resp: 1599
Ion Ratio Lower Upper
99 100
42 18.9 16.6 24.8
71 39.8 26.7 40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.637 min Scan# 94

Delta R.T. -0.011 min

Lab File: BN037762.D

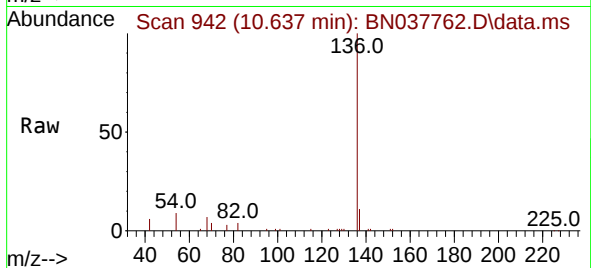
Acq: 18 Sep 2025 04:34

Instrument :

BNA_N

ClientSampleId :

RE123D1-20250909



Tgt Ion:136 Resp: 18780

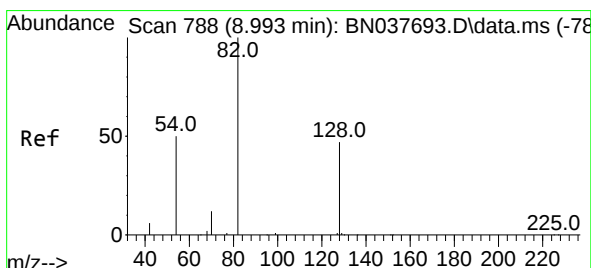
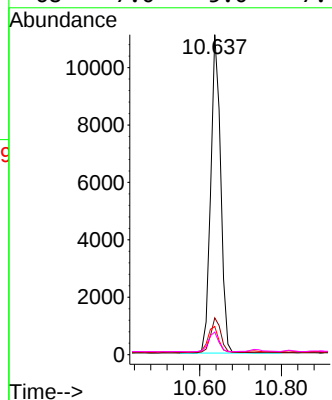
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 8.8 6.3 9.5

68 7.0 5.0 7.4



#8

Nitrobenzene-d5

Concen: 0.317 ng

RT: 8.982 min Scan# 787

Delta R.T. -0.011 min

Lab File: BN037762.D

Acq: 18 Sep 2025 04:34

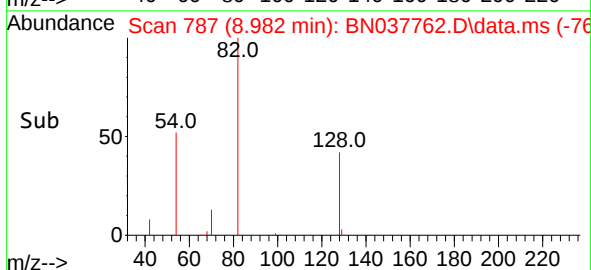
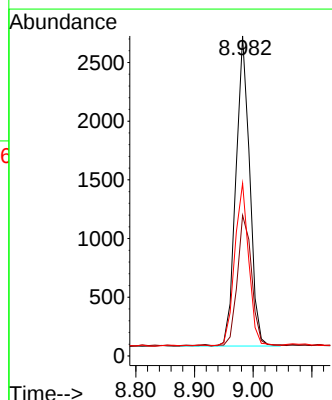
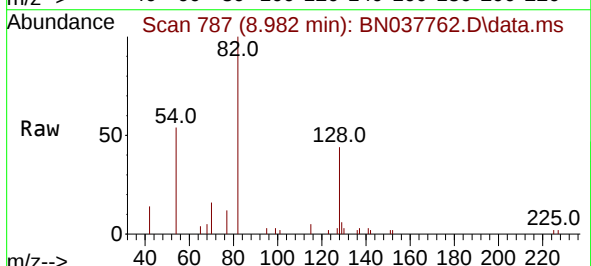
Tgt Ion: 82 Resp: 4348

Ion Ratio Lower Upper

82 100

128 43.9 38.3 57.5

54 54.0 41.4 62.2

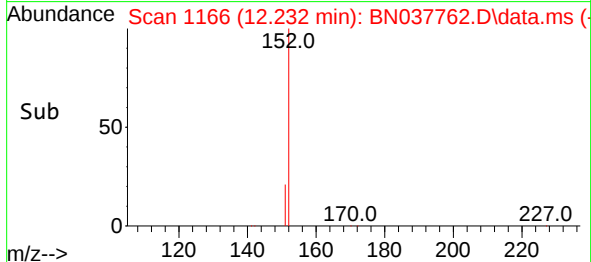
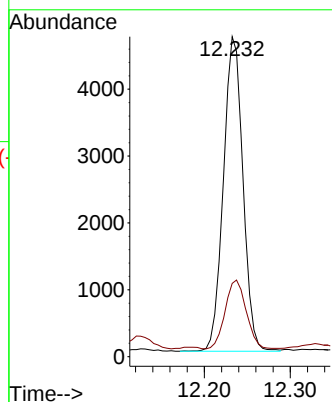
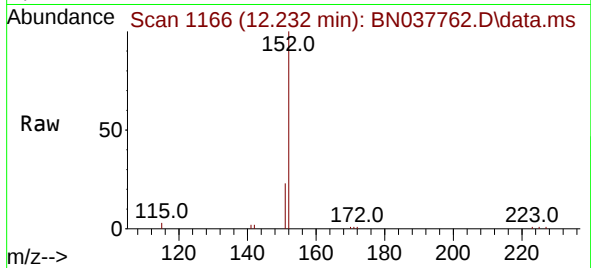




#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.232 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037762.D
Acq: 18 Sep 2025 04:34

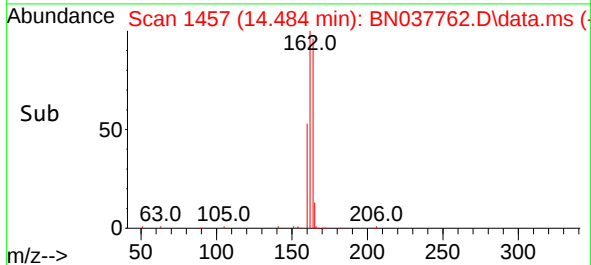
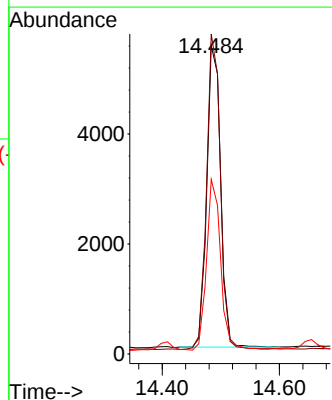
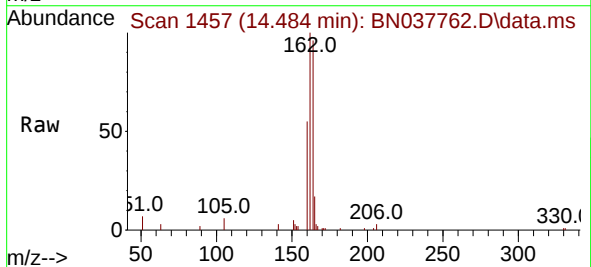
Instrument :
BNA_N
ClientSampleId :
RE123D1-20250909

Tgt Ion:152 Resp: 7421
Ion Ratio Lower Upper
152 100
151 23.7 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037762.D
Acq: 18 Sep 2025 04:34

Tgt Ion:164 Resp: 8989
Ion Ratio Lower Upper
164 100
162 103.8 83.1 124.7
160 56.6 44.3 66.5

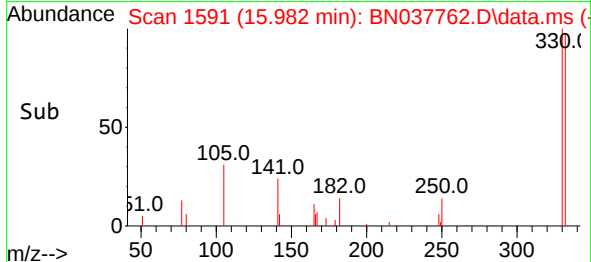
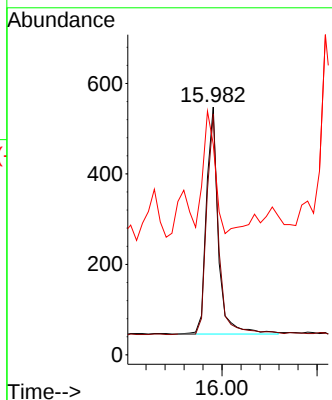
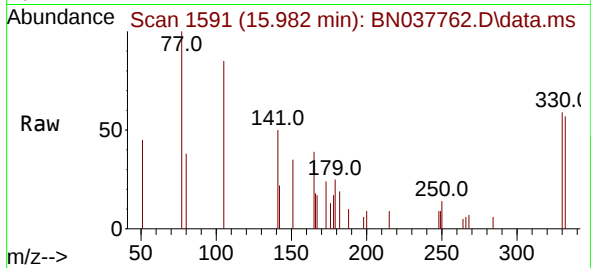




#14
2,4,6-Tribromophenol
Concen: 0.374 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037762.D
Acq: 18 Sep 2025 04:34

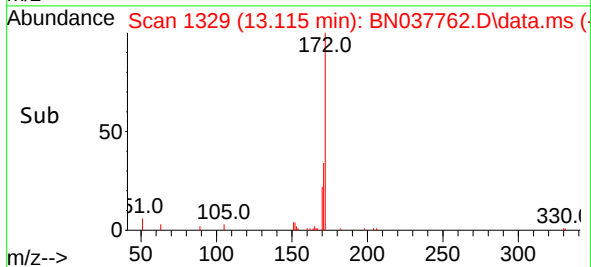
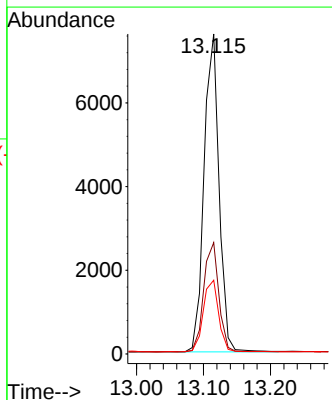
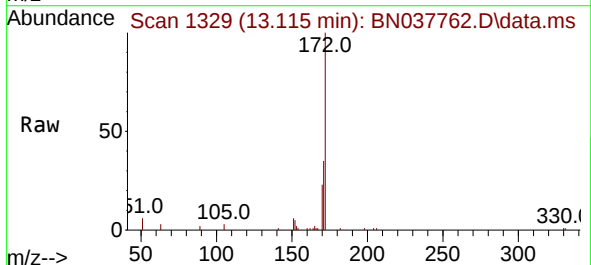
Instrument :
BNA_N
ClientSampleId :
RE123D1-20250909

Tgt Ion:330 Resp: 878
Ion Ratio Lower Upper
330 100
332 98.3 75.3 112.9
141 48.7 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 13.115 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BN037762.D
Acq: 18 Sep 2025 04:34

Tgt Ion:172 Resp: 11793
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 23.1 19.8 29.8

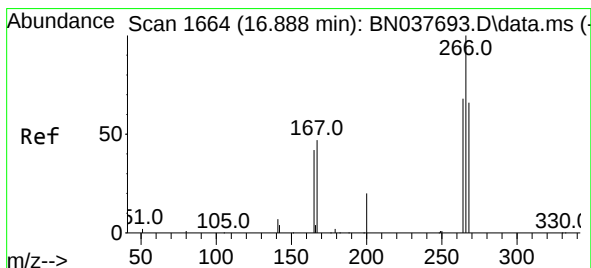
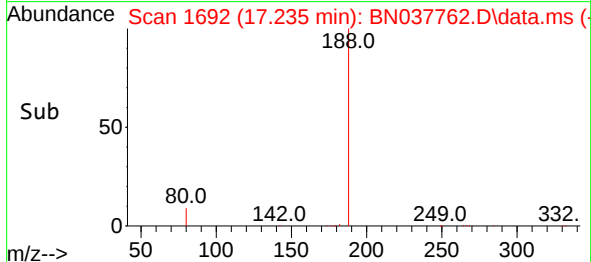
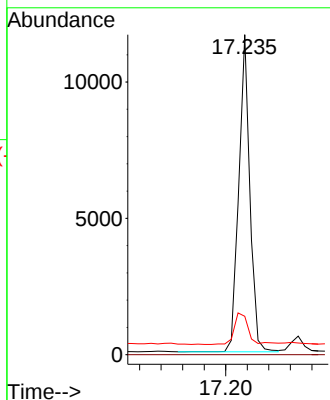
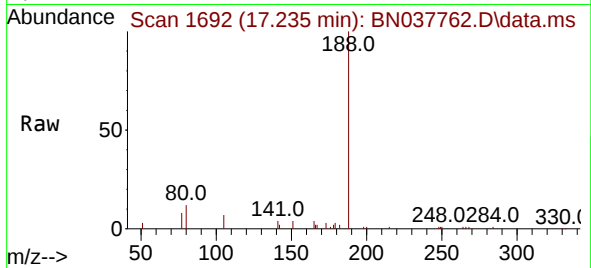




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037762.D
Acq: 18 Sep 2025 04:34

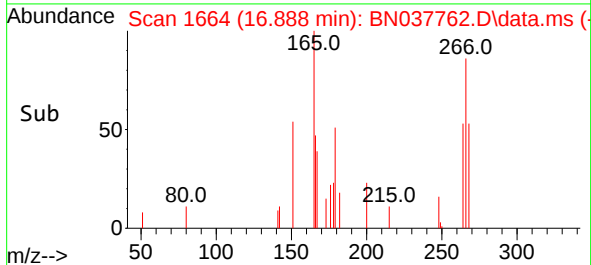
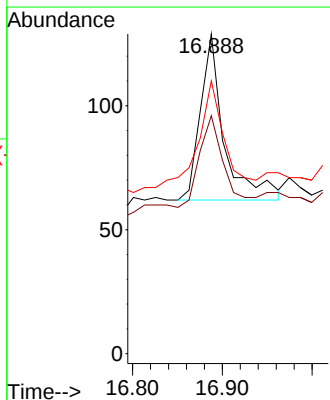
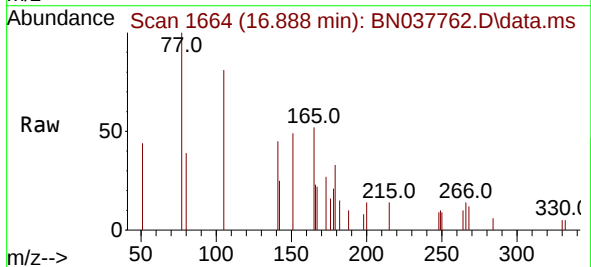
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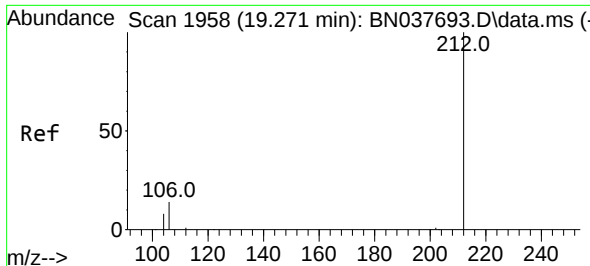
Tgt Ion:188 Resp: 16581
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 10.6 15.8



#24
Pentachlorophenol
Concen: 0.034 ng
RT: 16.888 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN037762.D
Acq: 18 Sep 2025 04:34

Tgt Ion:266 Resp: 124
Ion Ratio Lower Upper
266 100
264 83.9 51.6 77.4#
268 81.5 53.2 79.8#

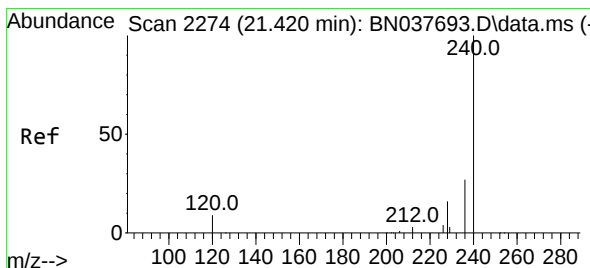
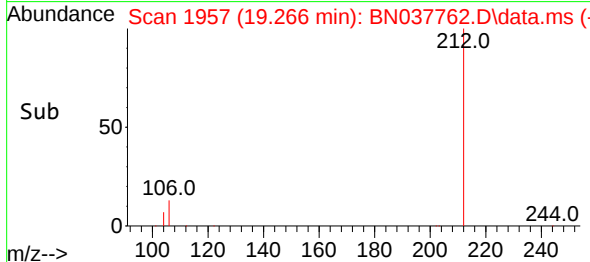
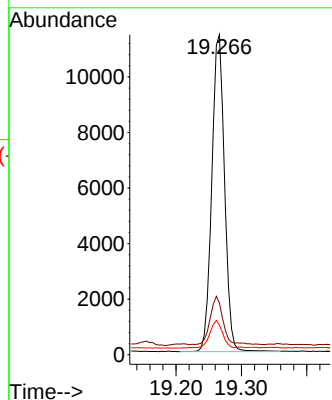
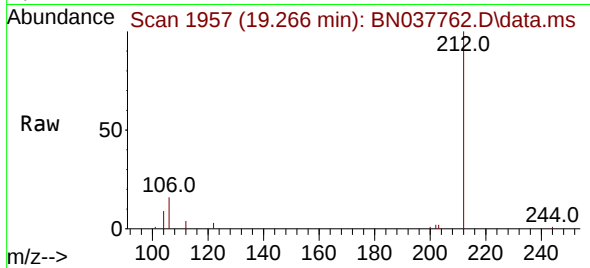




#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.266 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN037762.D
Acq: 18 Sep 2025 04:34

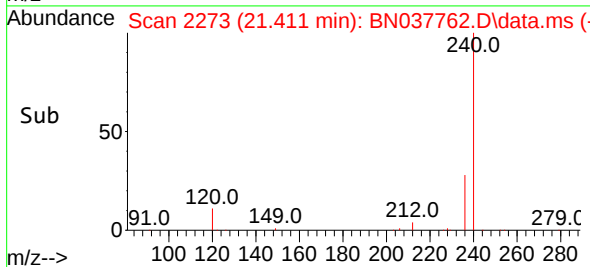
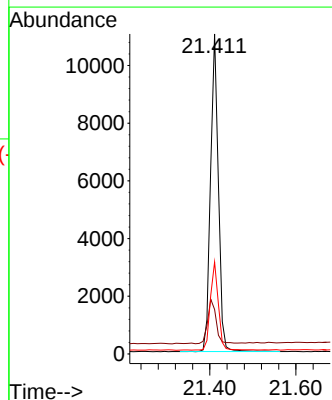
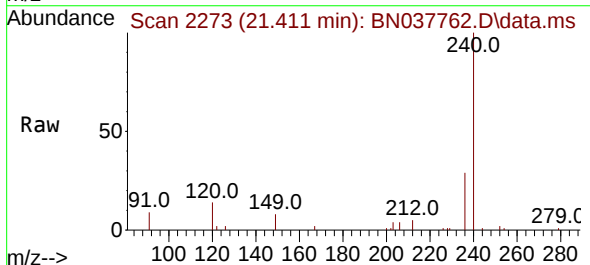
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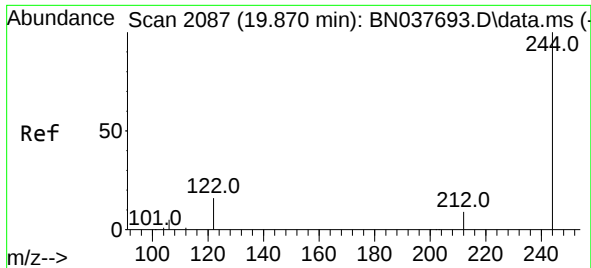
Tgt Ion:212 Resp: 15400
Ion Ratio Lower Upper
212 100
106 15.6 12.2 18.2
104 8.8 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037762.D
Acq: 18 Sep 2025 04:34

Tgt Ion:240 Resp: 13960
Ion Ratio Lower Upper
240 100
120 13.9 9.2 13.8#
236 28.7 22.6 33.8

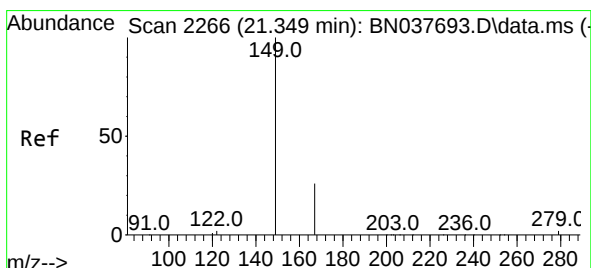
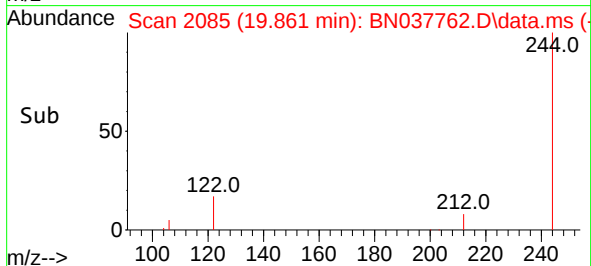
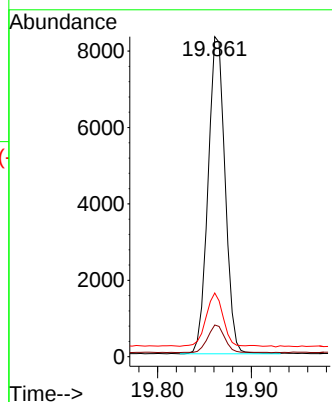
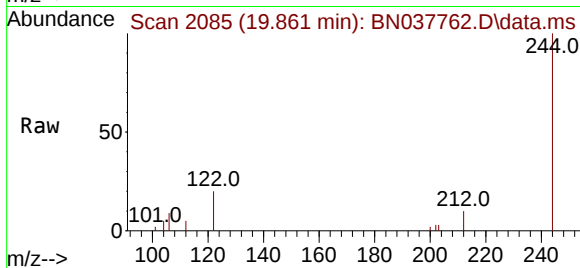




#31
 Terphenyl-d14
 Concen: 0.370 ng
 RT: 19.861 min Scan# 2087
 Delta R.T. -0.010 min
 Lab File: BN037762.D
 Acq: 18 Sep 2025 04:34

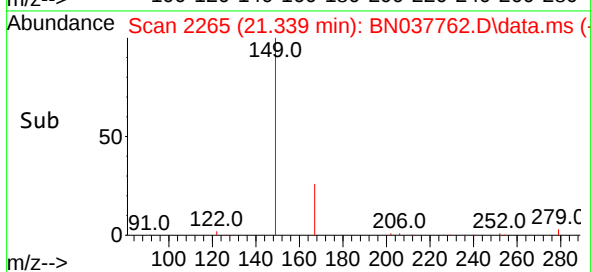
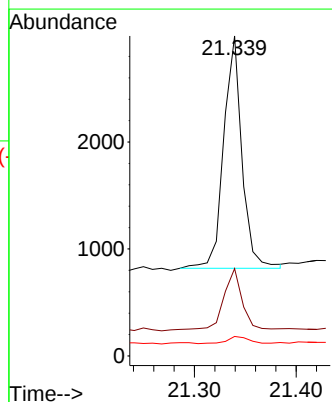
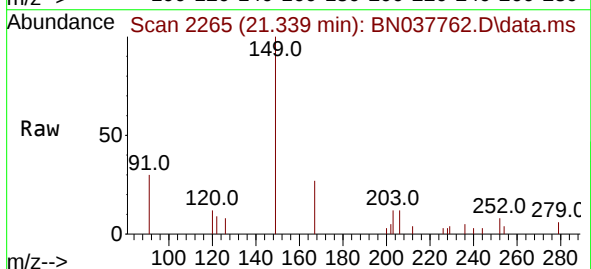
Instrument :
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 RE123D1-20250909

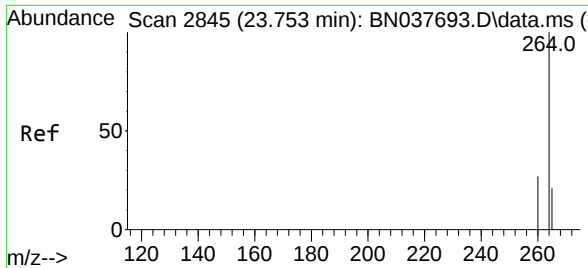
Tgt Ion:244 Resp: 10486
 Ion Ratio Lower Upper
 244 100
 212 9.9 7.5 11.3
 122 19.9 13.2 19.8#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.187 ng
 RT: 21.339 min Scan# 2265
 Delta R.T. -0.009 min
 Lab File: BN037762.D
 Acq: 18 Sep 2025 04:34

Tgt Ion:149 Resp: 2706
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.8 31.2
 279 3.7 3.3 4.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.744 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037762.D
Acq: 18 Sep 2025 04:34

Instrument :
BNA_N
ClientSampleId :
RE123D1-20250909

Tgt Ion:264	Resp:	14258
Ion	Ratio	Lower Upper
264	100	
260	27.0	21.8 32.8
265	61.5	39.4 59.2#

