

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037781.D
 Acq On : 18 Sep 2025 17:36
 Operator : RC/JU
 Sample : Q3097-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D3-20250911

Quant Time: Sep 18 18:05:25 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)

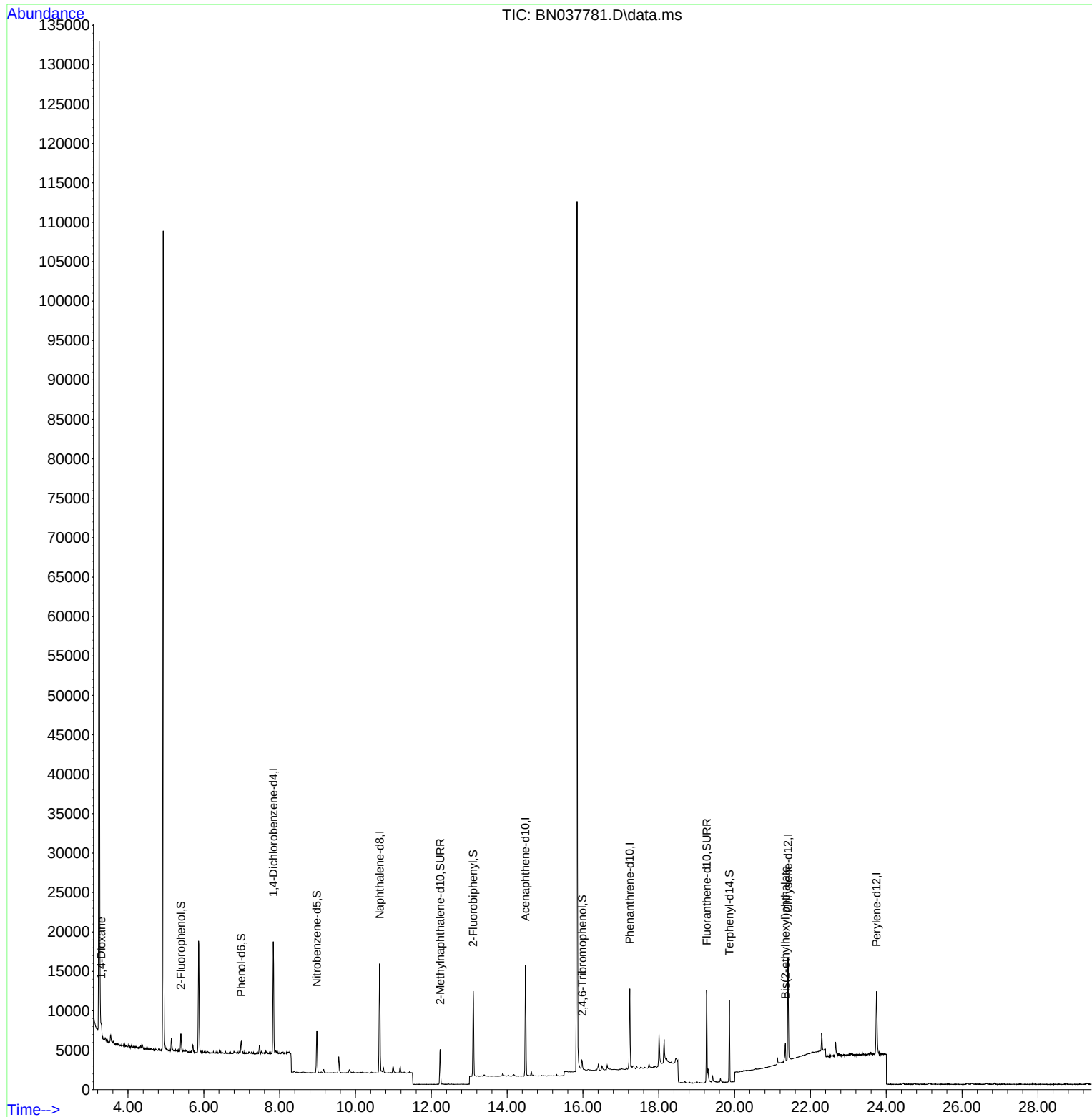
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	6672	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	17743	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	7701	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	13778	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	11339	0.400	ng	# 0.00
35) Perylene-d12	23.744	264	11507	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1893	0.124	ng	0.00
5) Phenol-d6	6.988	99	1438	0.072	ng	0.00
8) Nitrobenzene-d5	8.982	82	4078	0.314	ng	-0.01
11) 2-Methylnaphthalene-d10	12.232	152	5959	0.254	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	793	0.395	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	9525	0.296	ng	-0.01
27) Fluoranthene-d10	19.262	212	12721	0.368	ng	0.00
31) Terphenyl-d14	19.861	244	9276	0.403	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	717	0.103	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.339	149	2861	0.244	ng	98

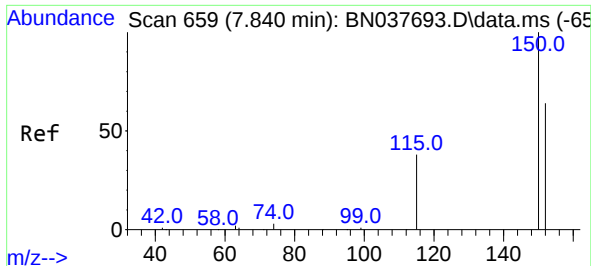
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
Data File : BN037781.D
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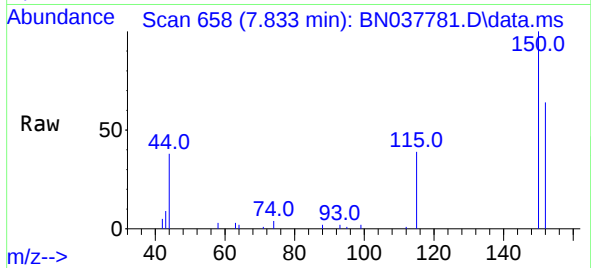
Quant Time: Sep 18 18:05:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration





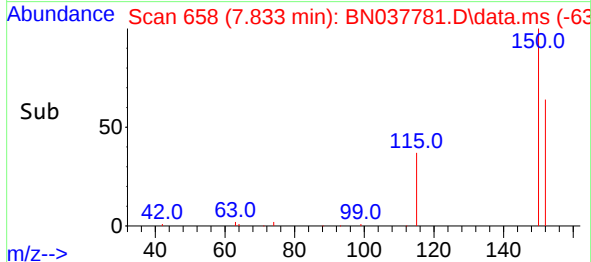
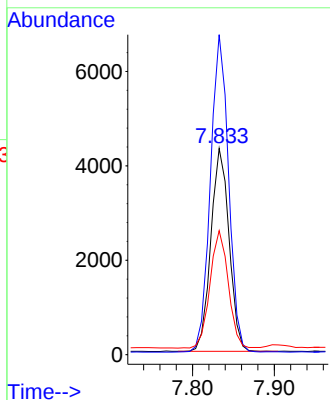
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 6
 Delta R.T. -0.007 min
 Lab File: BN037781.D
 Acq: 18 Sep 2025 17:36

Instrument :
 BNA_N
 ClientSampleId :
 RE103D3-20250911



Tgt Ion:152 Resp: 6672

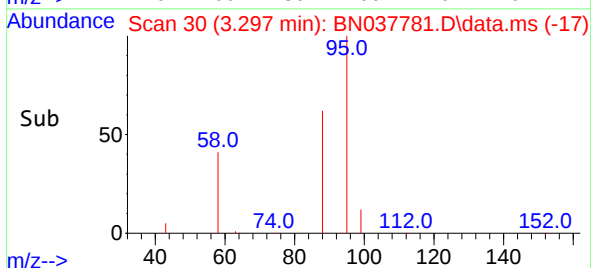
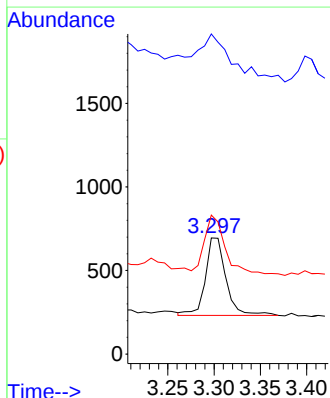
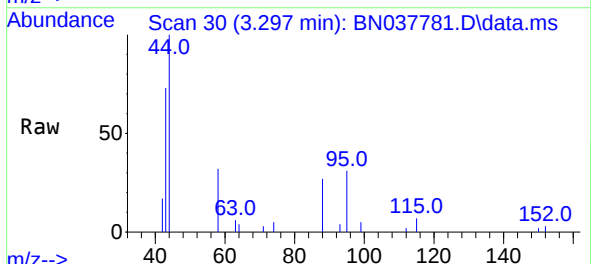
Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.5	186.7
115	60.1	49.2	73.8



#2
 1,4-Dioxane
 Concen: 0.103 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037781.D
 Acq: 18 Sep 2025 17:36

Tgt Ion: 88 Resp: 717

Ion	Ratio	Lower	Upper
88	100		
43	80.6	26.8	40.2#
58	74.3	61.9	92.9

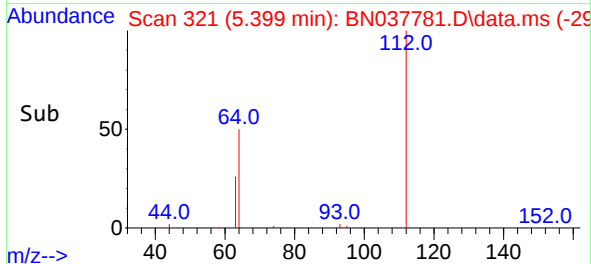
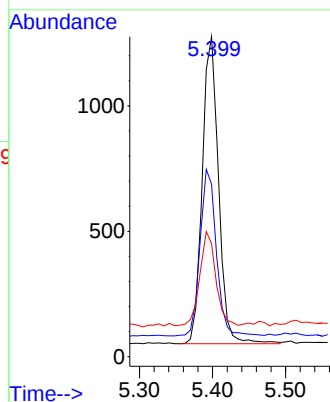
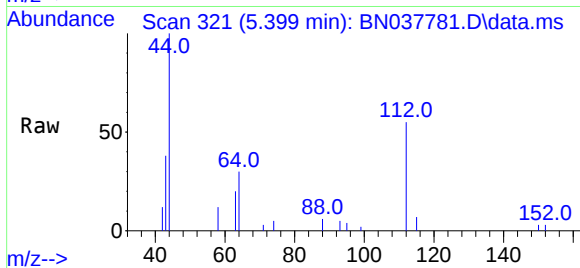




#4
2-Fluorophenol
Concen: 0.124 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037781.D
Acq: 18 Sep 2025 17:36

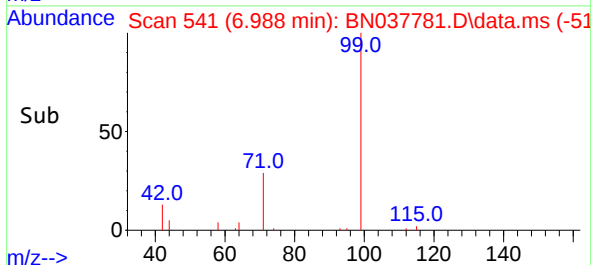
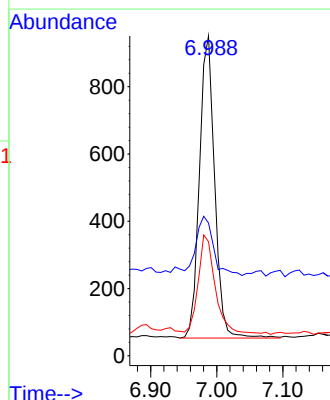
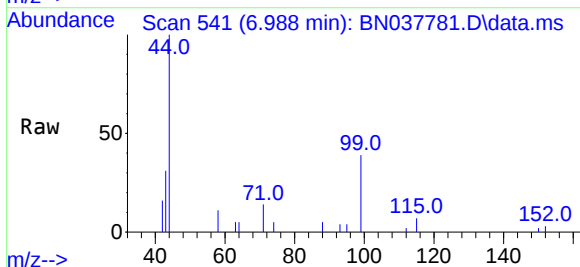
Instrument :
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ClientSampleId :
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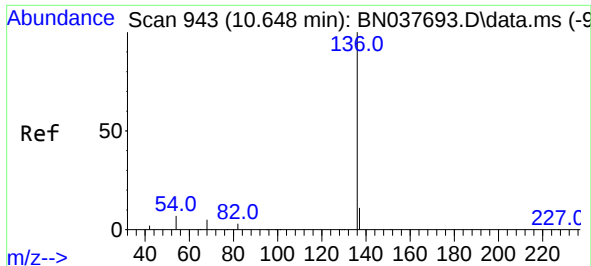
Tgt Ion:112 Resp: 1893
Ion Ratio Lower Upper
112 100
64 54.5 44.9 67.3
63 30.4 24.7 37.1



#5
Phenol-d6
Concen: 0.072 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037781.D
Acq: 18 Sep 2025 17:36

Tgt Ion: 99 Resp: 1438
Ion Ratio Lower Upper
99 100
42 24.4 16.6 24.8
71 37.3 26.7 40.1

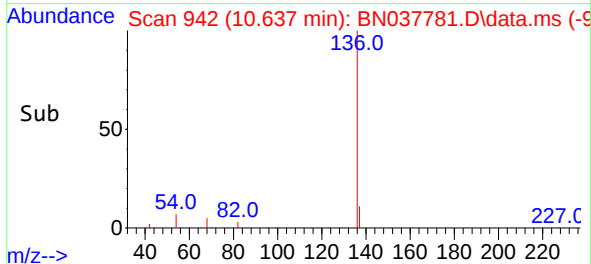
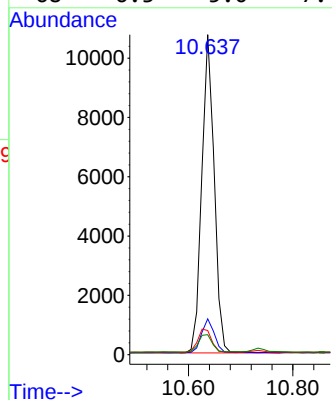
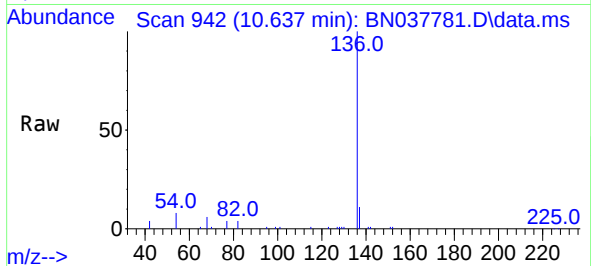




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037781.D
Acq: 18 Sep 2025 17:36

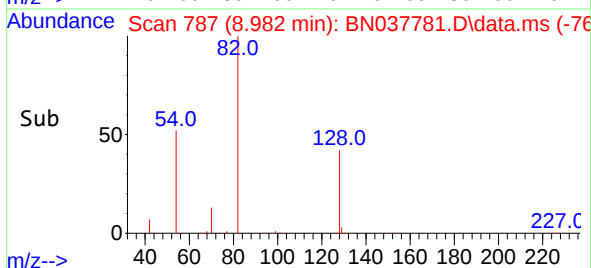
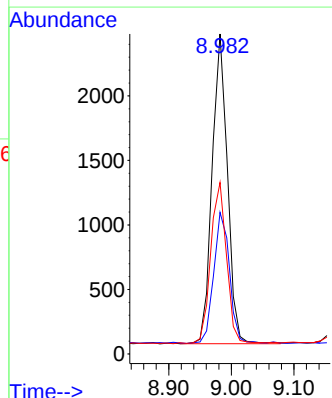
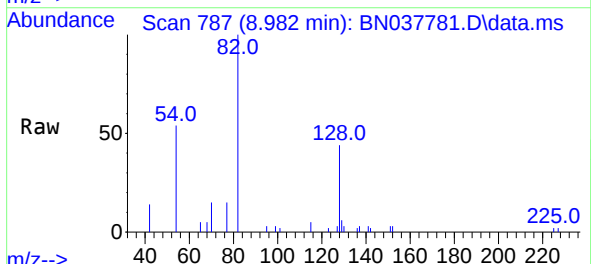
Instrument :
BNA_N
ClientSampleId :
RE103D3-20250911

Tgt Ion:136	Resp:	17743
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.1 13.7
54	7.6	6.3 9.5
68	6.3	5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037781.D
Acq: 18 Sep 2025 17:36

Tgt Ion: 82	Resp:	4078
Ion Ratio	Lower	Upper
82	100	
128	44.3	38.3 57.5
54	53.6	41.4 62.2

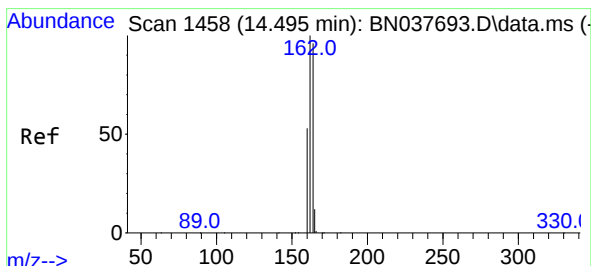
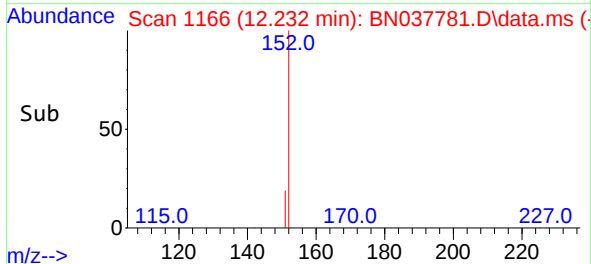
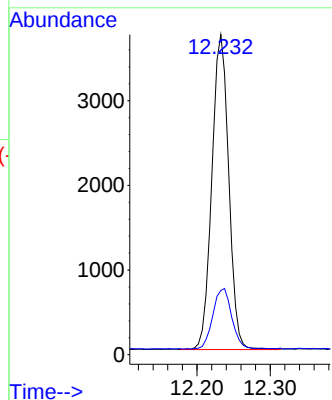
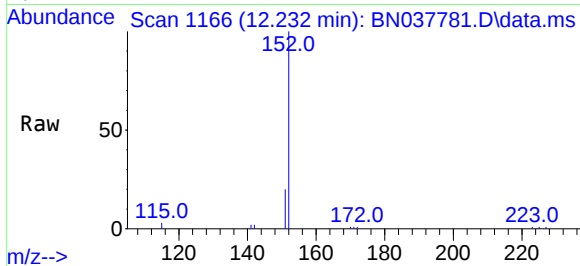




#11
2-Methylnaphthalene-d10
Concen: 0.254 ng
RT: 12.232 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037781.D
Acq: 18 Sep 2025 17:36

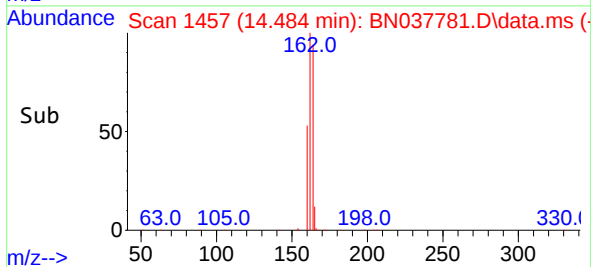
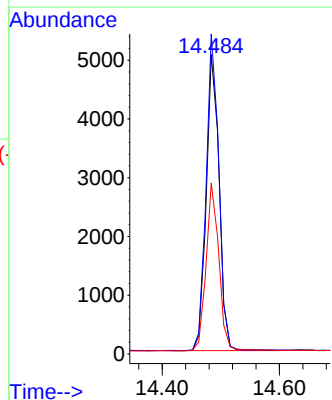
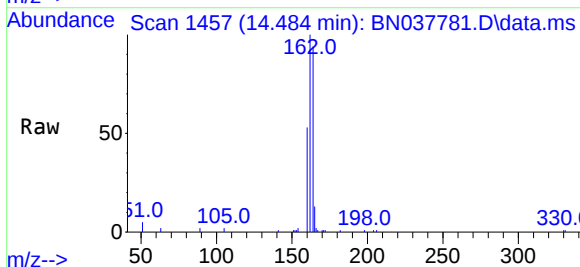
Instrument :
BNA_N
ClientSampleId :
RE103D3-20250911

Tgt Ion:152 Resp: 5959
Ion Ratio Lower Upper
152 100
151 21.6 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: BN037781.D
Acq: 18 Sep 2025 17:36

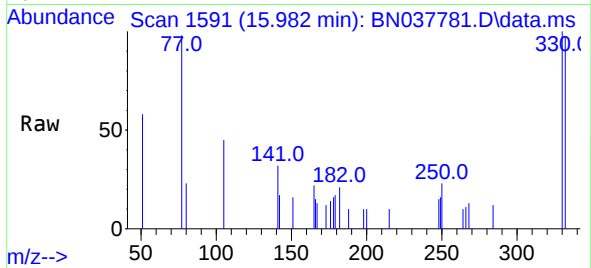
Tgt Ion:164 Resp: 7701
Ion Ratio Lower Upper
164 100
162 106.9 83.1 124.7
160 57.1 44.3 66.5



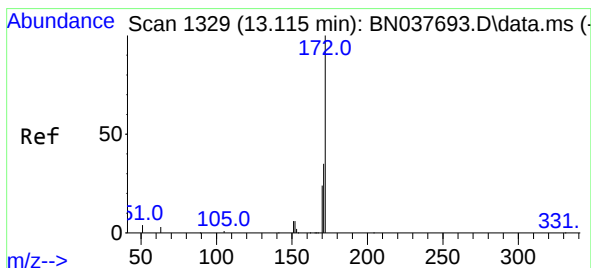
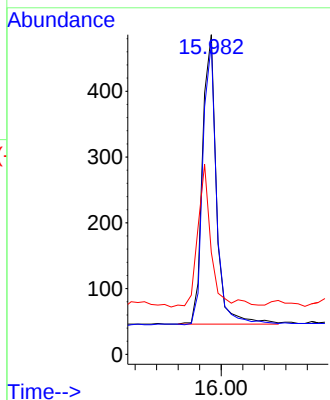
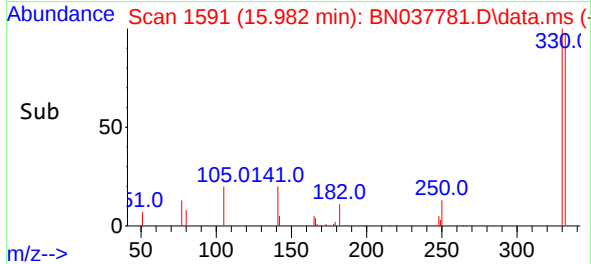


#14
2,4,6-Tribromophenol
Concen: 0.395 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037781.D
Acq: 18 Sep 2025 17:36

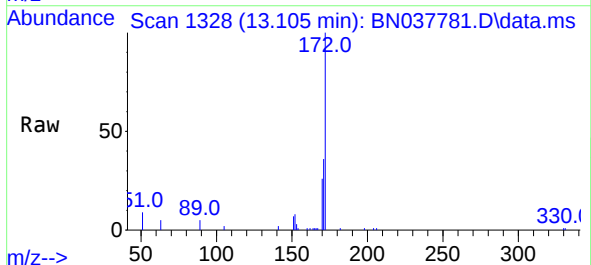
Instrument :
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ClientSampleId :
RE103D3-20250911



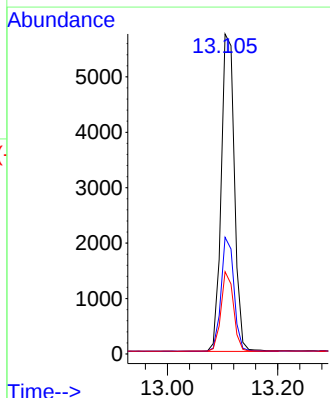
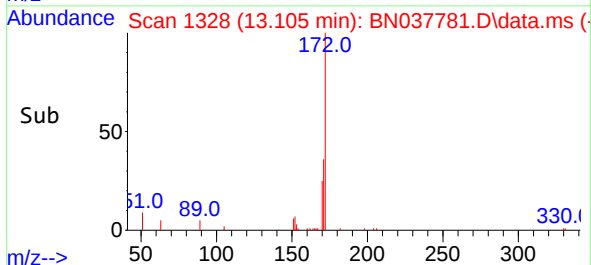
Tgt Ion:330 Resp: 793
Ion Ratio Lower Upper
330 100
332 95.6 75.3 112.9
141 48.0 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037781.D
Acq: 18 Sep 2025 17:36



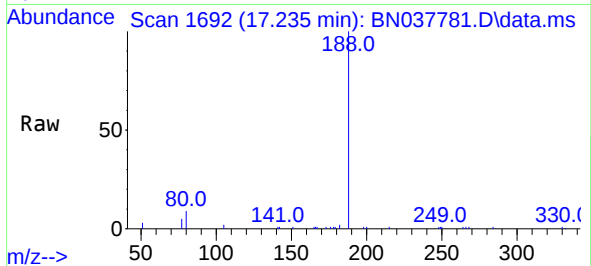
Tgt Ion:172 Resp: 9525
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 25.7 19.8 29.8



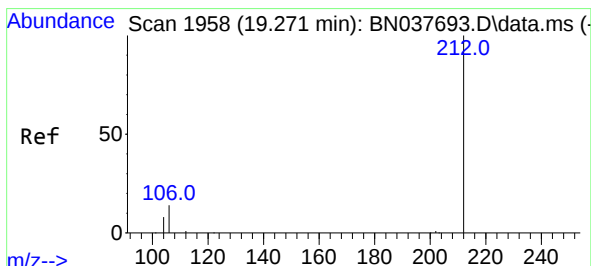
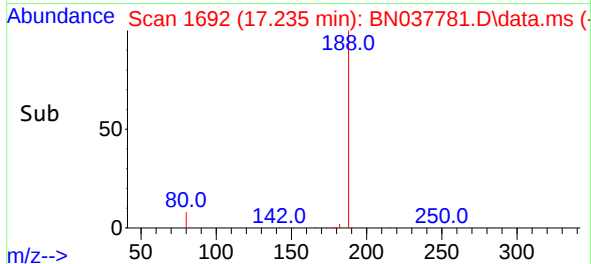
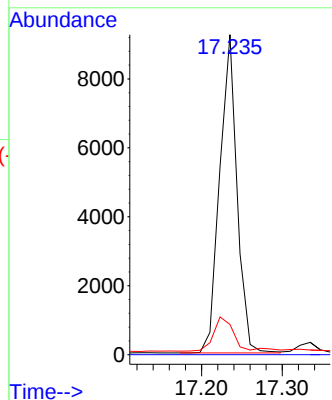


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037781.D
Acq: 18 Sep 2025 17:36

Instrument :
BNA_N
ClientSampleId :
RE103D3-20250911

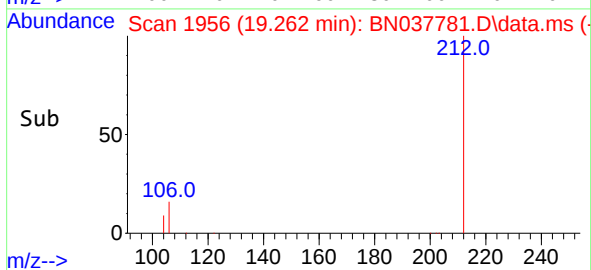
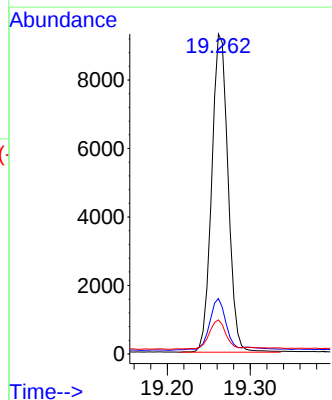
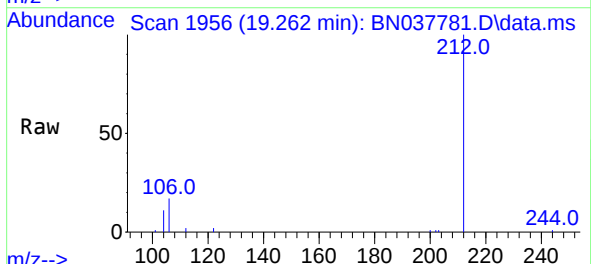


Tgt Ion:188 Resp: 13778
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.010 min
Lab File: BN037781.D
Acq: 18 Sep 2025 17:36

Tgt Ion:212 Resp: 12721
Ion Ratio Lower Upper
212 100
106 16.4 12.2 18.2
104 9.7 6.9 10.3

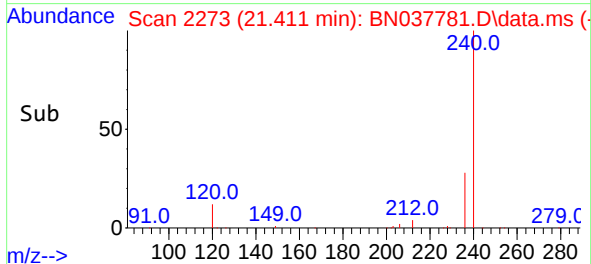
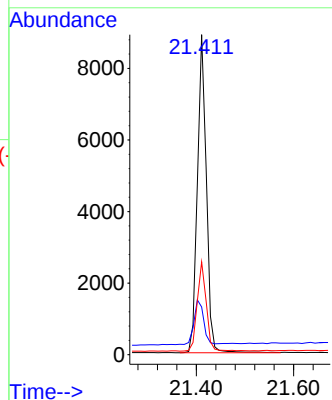
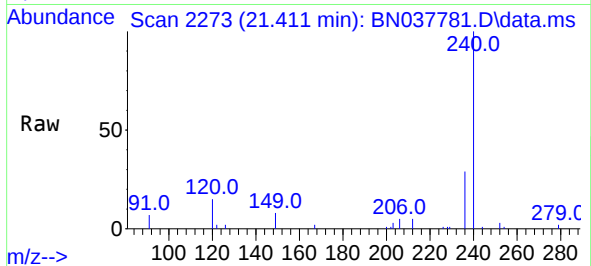




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037781.D
Acq: 18 Sep 2025 17:36

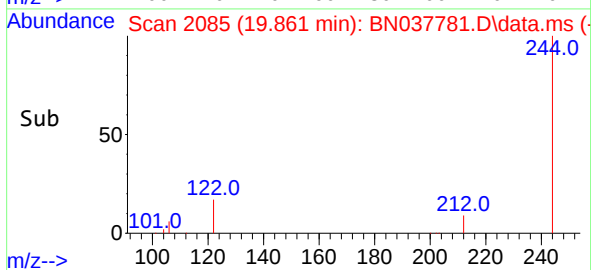
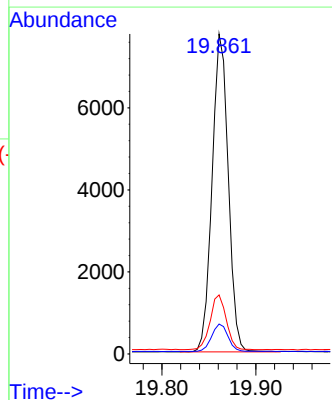
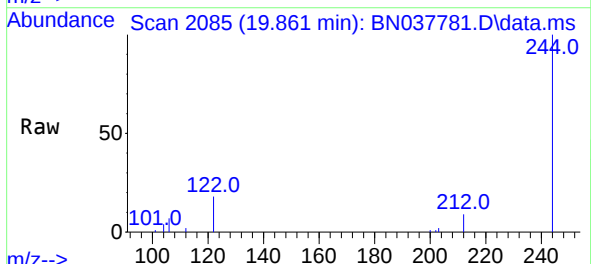
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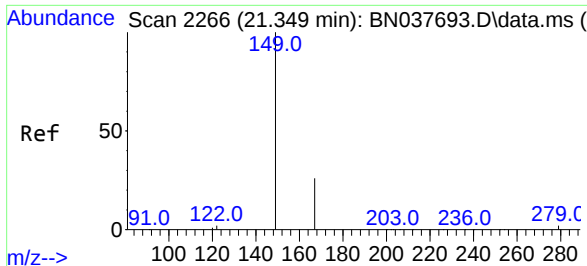
Tgt Ion:240 Resp: 11339
Ion Ratio Lower Upper
240 100
120 14.9 9.2 13.8#
236 29.0 22.6 33.8



#31
Terphenyl-d14
Concen: 0.403 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.010 min
Lab File: BN037781.D
Acq: 18 Sep 2025 17:36

Tgt Ion:244 Resp: 9276
Ion Ratio Lower Upper
244 100
212 9.4 7.5 11.3
122 18.4 13.2 19.8

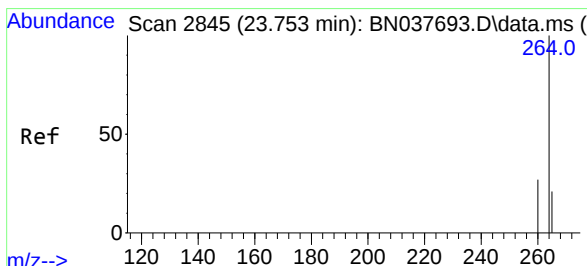
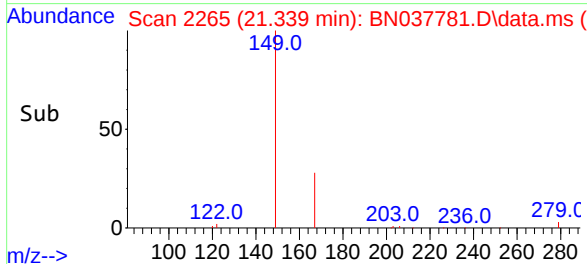
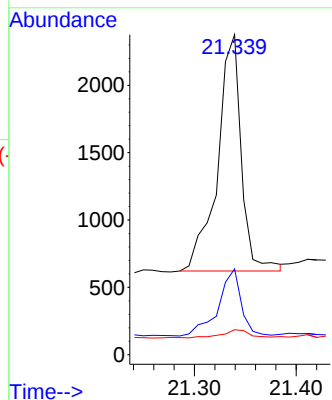
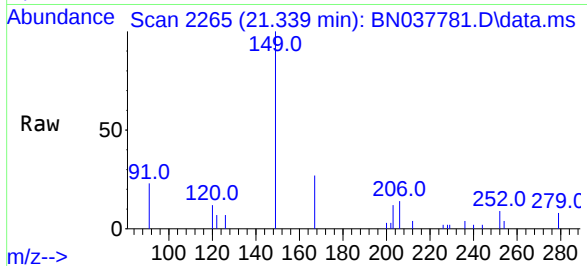




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.244 ng
RT: 21.339 min Scan# 21339
Delta R.T. -0.009 min
Lab File: BN037781.D
Acq: 18 Sep 2025 17:36

Instrument :
BNA_N
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Tgt Ion:149 Resp: 2861
Ion Ratio Lower Upper
149 100
167 27.3 20.8 31.2
279 3.9 3.3 4.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.744 min Scan# 2842
Delta R.T. -0.009 min
Lab File: BN037781.D
Acq: 18 Sep 2025 17:36

Tgt Ion:264 Resp: 11507
Ion Ratio Lower Upper
264 100
260 27.4 21.8 32.8
265 73.8 39.4 59.2#

