

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037802.D
 Acq On : 19 Sep 2025 07:01
 Operator : RC/JU
 Sample : Q3097-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20250911

Quant Time: Sep 19 07:43:37 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)

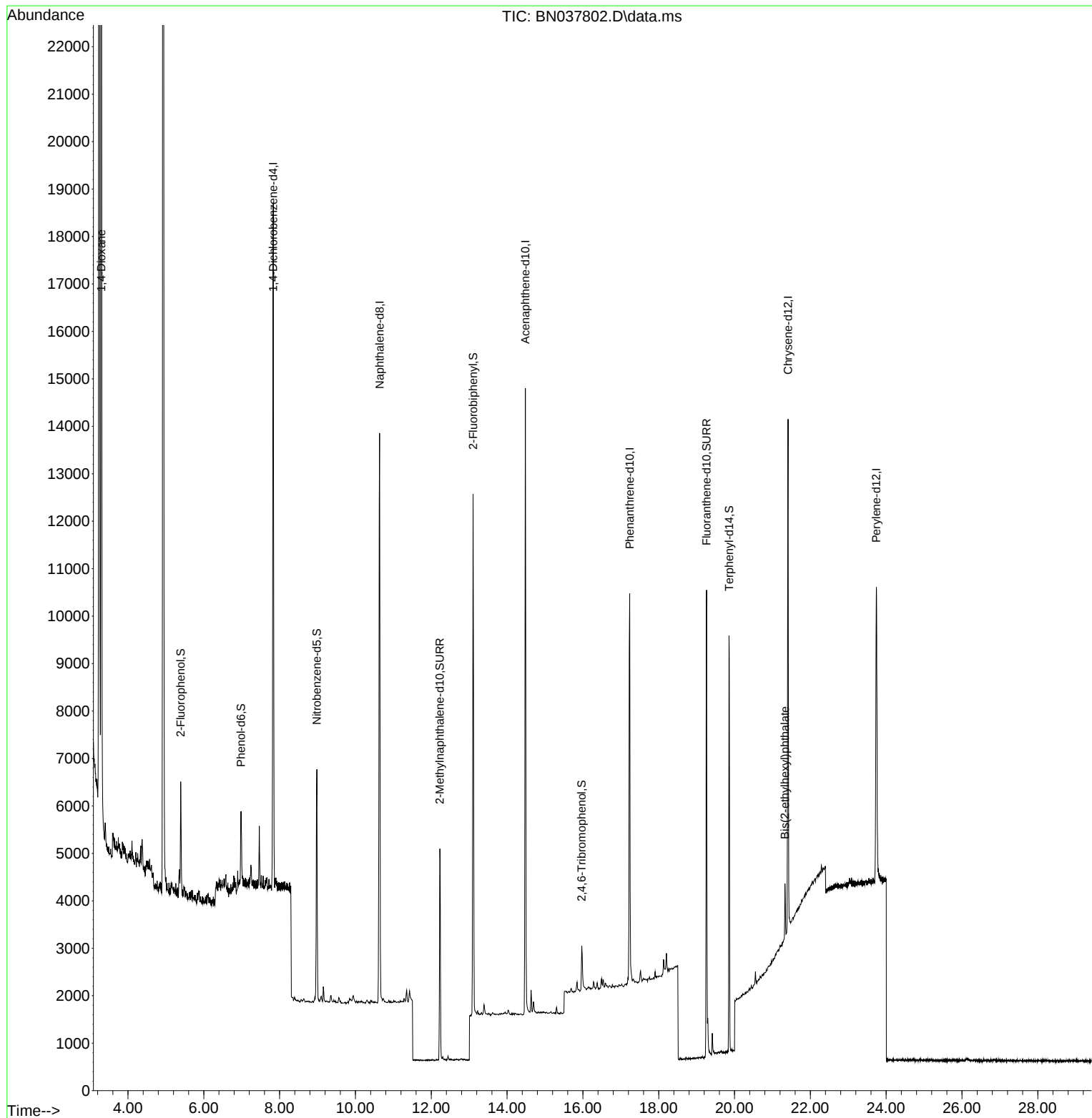
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	6841	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	16631	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	7228	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	12396	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	9967	0.400	ng	0.00
35) Perylene-d12	23.741	264	9393	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1818	0.116	ng	0.00
5) Phenol-d6	6.980	99	1463	0.072	ng	0.00
8) Nitrobenzene-d5	8.982	82	3879	0.319	ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	5955	0.270	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	643	0.341	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	9283	0.307	ng	-0.01
27) Fluoranthene-d10	19.262	212	11034	0.355	ng	0.00
31) Terphenyl-d14	19.856	244	8243	0.407	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	22600	3.172	ng	95
34) Bis(2-ethylhexyl)phtha...	21.331	149	1144	0.111	ng	98

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

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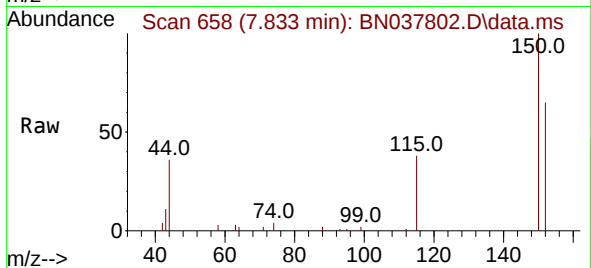
Quant Time: Sep 19 07:43:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



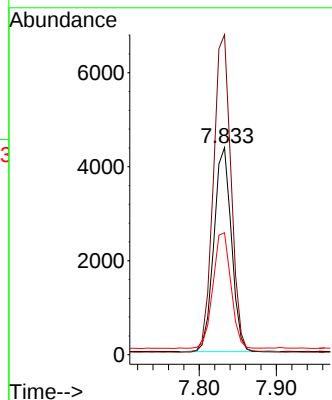
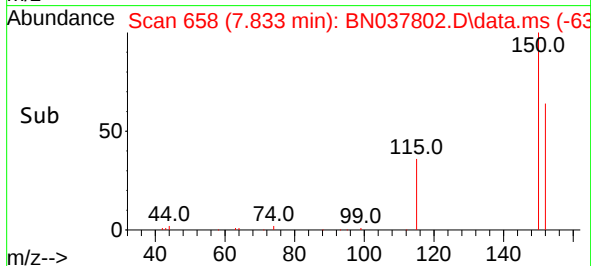


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 6
 Delta R.T. -0.007 min
 Lab File: BN037802.D
 Acq: 19 Sep 2025 07:01

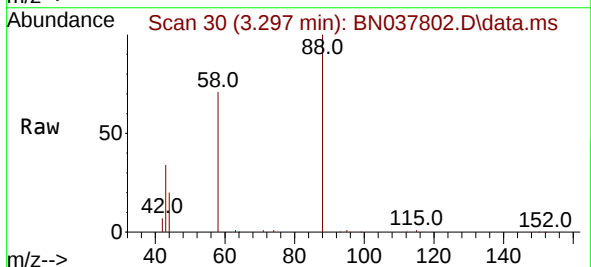
Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20250911



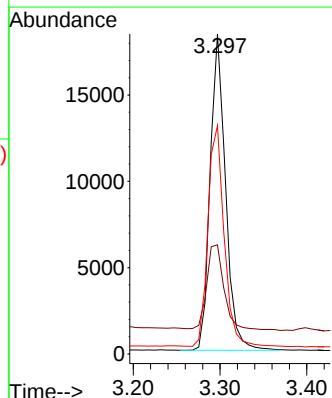
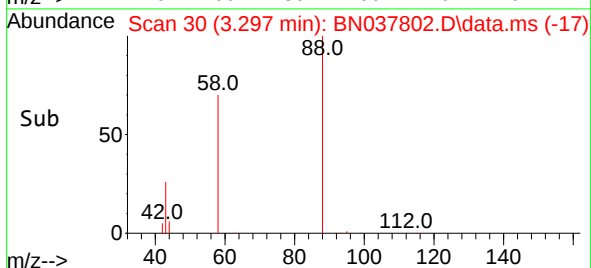
Tgt Ion:152 Resp: 6841
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.5 186.7
 115 58.9 49.2 73.8



#2
 1,4-Dioxane
 Concen: 3.172 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037802.D
 Acq: 19 Sep 2025 07:01



Tgt Ion: 88 Resp: 22600
 Ion Ratio Lower Upper
 88 100
 43 31.0 26.8 40.2
 58 73.0 61.9 92.9

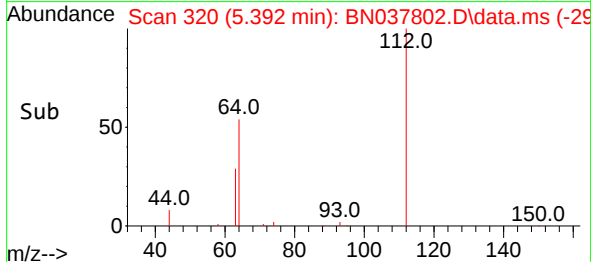
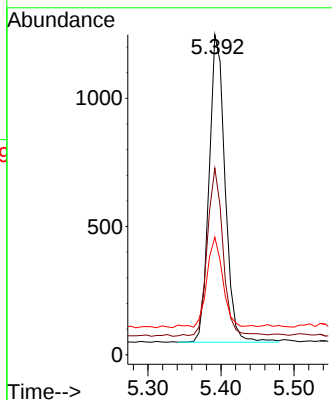
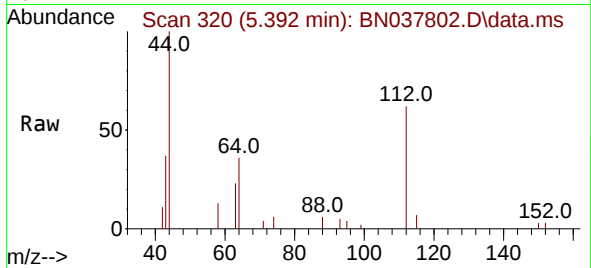




#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037802.D
Acq: 19 Sep 2025 07:01

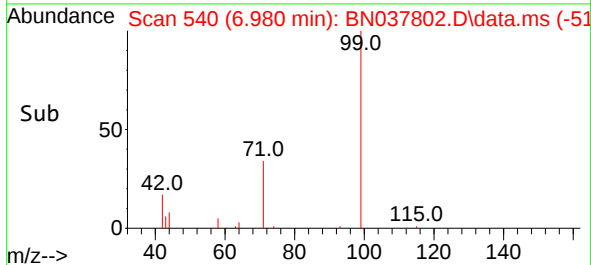
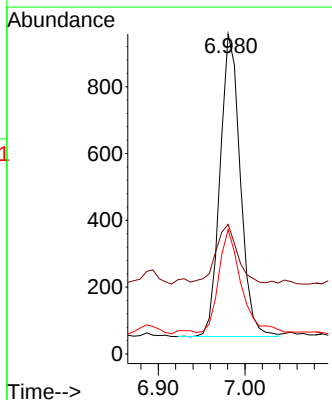
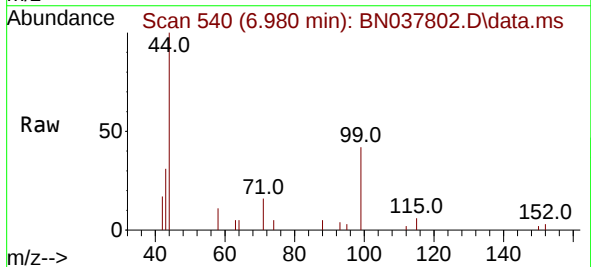
Instrument :
BNA_N
ClientSampleId :
RE105D1-20250911

Tgt Ion:112 Resp: 1818
Ion Ratio Lower Upper
112 100
64 54.5 44.9 67.3
63 29.8 24.7 37.1



#5
Phenol-d6
Concen: 0.072 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037802.D
Acq: 19 Sep 2025 07:01

Tgt Ion: 99 Resp: 1463
Ion Ratio Lower Upper
99 100
42 20.0 16.6 24.8
71 37.8 26.7 40.1

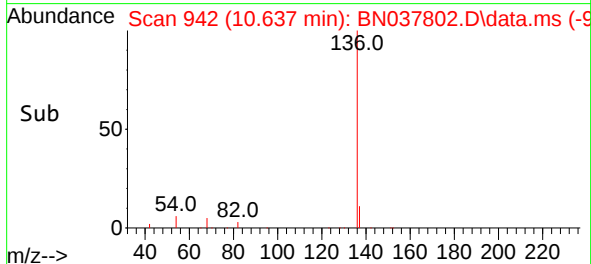
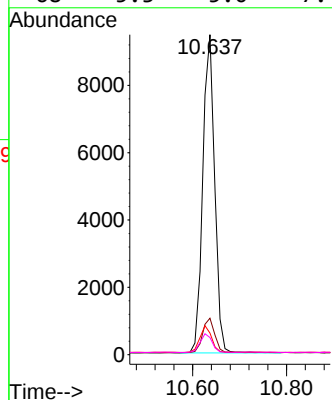
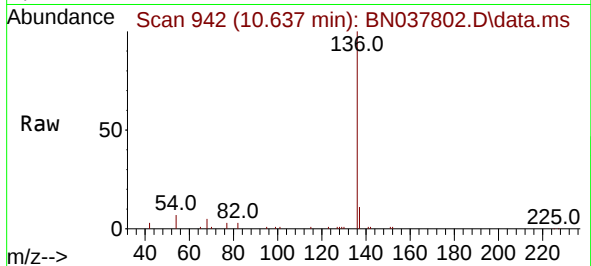




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037802.D
Acq: 19 Sep 2025 07:01

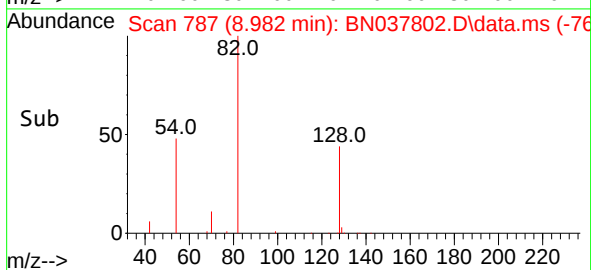
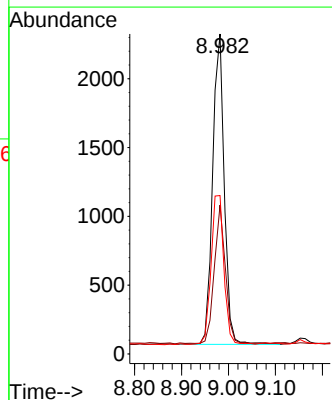
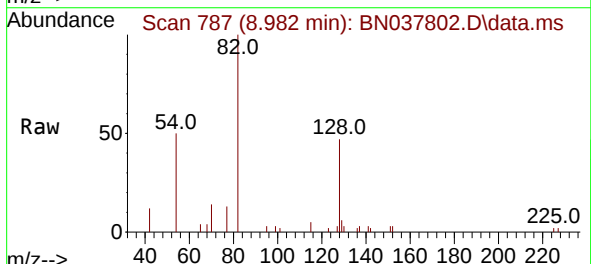
Instrument :
BNA_N
ClientSampleId :
RE105D1-20250911

Tgt Ion:	136	Resp:	16631
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.8	6.3	9.5
68	5.3	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037802.D
Acq: 19 Sep 2025 07:01

Tgt Ion:	82	Resp:	3879
Ion	Ratio	Lower	Upper
82	100		
128	46.5	38.3	57.5
54	49.5	41.4	62.2

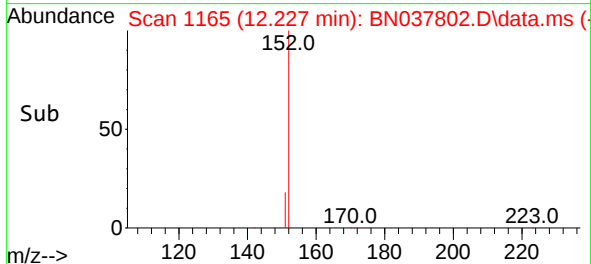
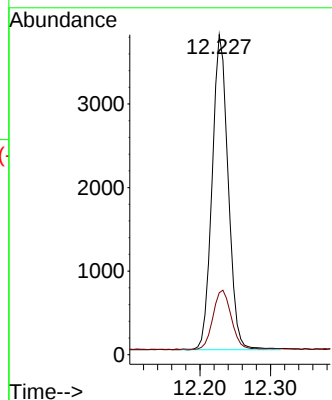
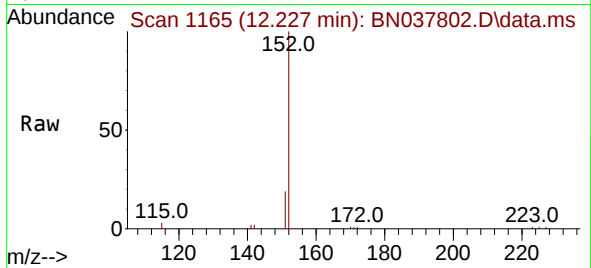




#11
2-Methylnaphthalene-d10
Concen: 0.270 ng
RT: 12.227 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037802.D
Acq: 19 Sep 2025 07:01

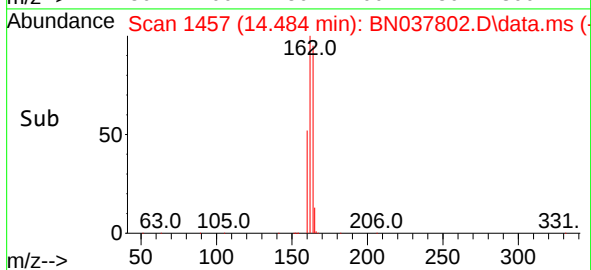
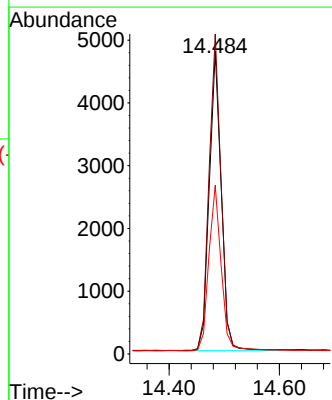
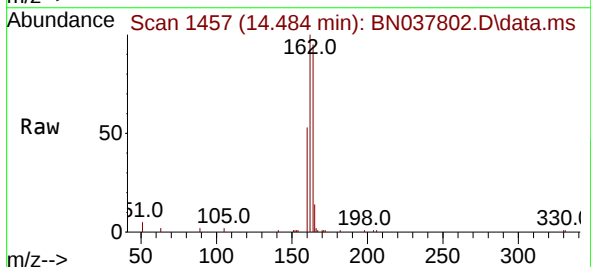
Instrument :
BNA_N
ClientSampleId :
RE105D1-20250911

Tgt Ion:152 Resp: 5955
Ion Ratio Lower Upper
152 100
151 21.2 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: BN037802.D
Acq: 19 Sep 2025 07:01

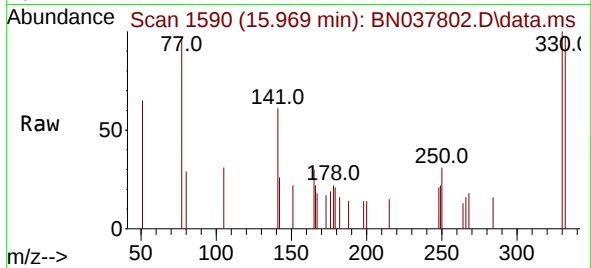
Tgt Ion:164 Resp: 7228
Ion Ratio Lower Upper
164 100
162 105.7 83.1 124.7
160 55.7 44.3 66.5



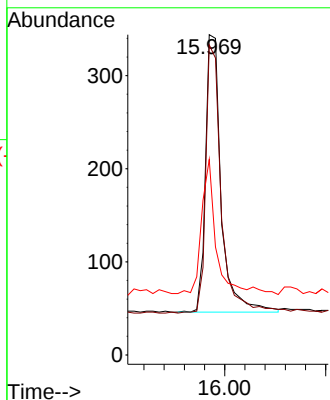
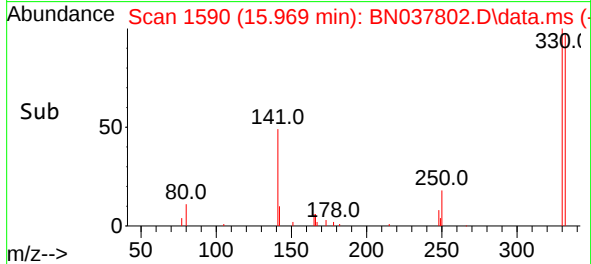


#14
2,4,6-Tribromophenol
Concen: 0.341 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037802.D
Acq: 19 Sep 2025 07:01

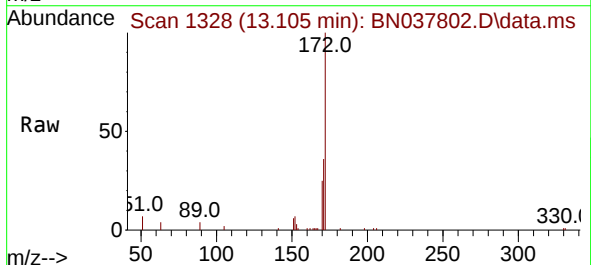
Instrument :
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ClientSampleId :
RE105D1-20250911



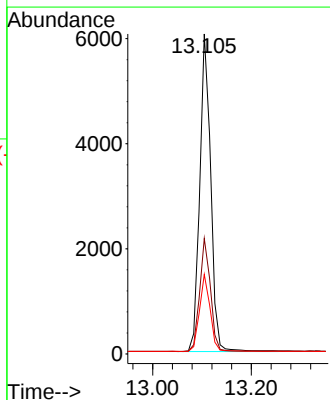
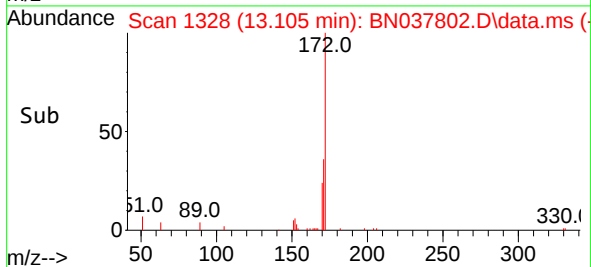
Tgt Ion:330 Resp: 643
Ion Ratio Lower Upper
330 100
332 95.5 75.3 112.9
141 46.8 35.0 52.4

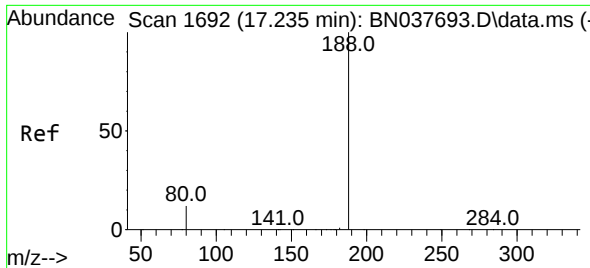


#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037802.D
Acq: 19 Sep 2025 07:01



Tgt Ion:172 Resp: 9283
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.8 19.8 29.8

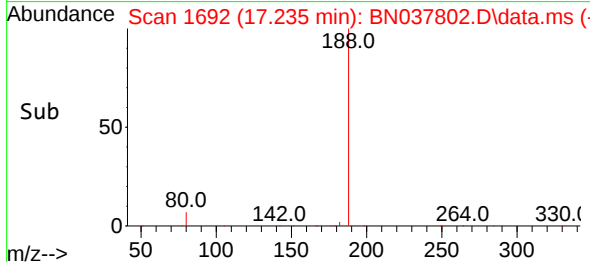
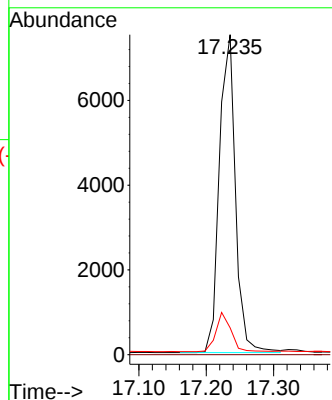
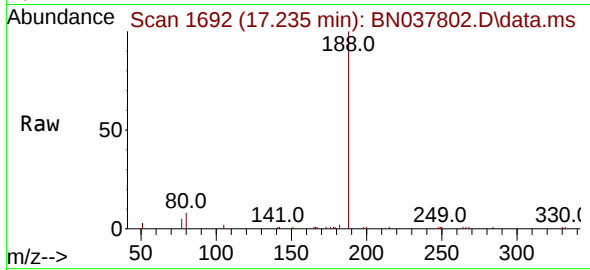




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037802.D
Acq: 19 Sep 2025 07:01

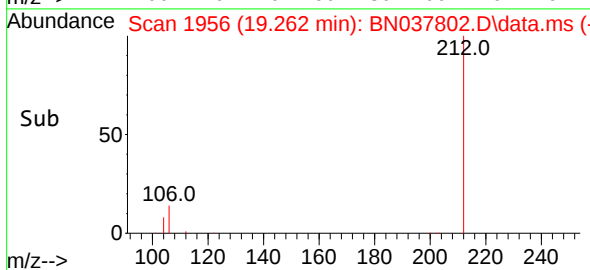
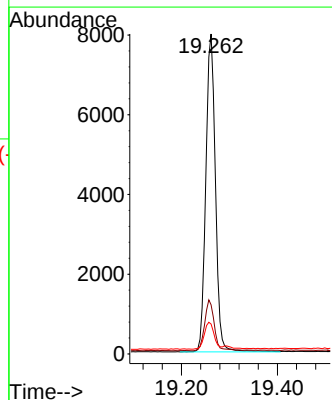
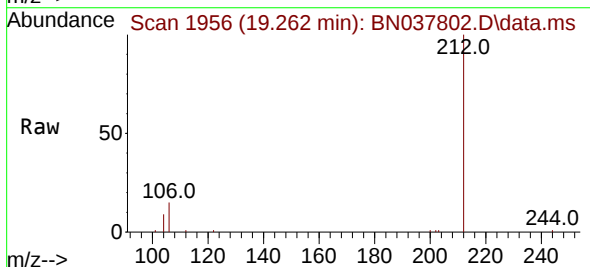
Instrument :
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Tgt Ion:188 Resp: 12396
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037802.D
Acq: 19 Sep 2025 07:01

Tgt Ion:212 Resp: 11034
Ion Ratio Lower Upper
212 100
106 16.0 12.2 18.2
104 8.6 6.9 10.3

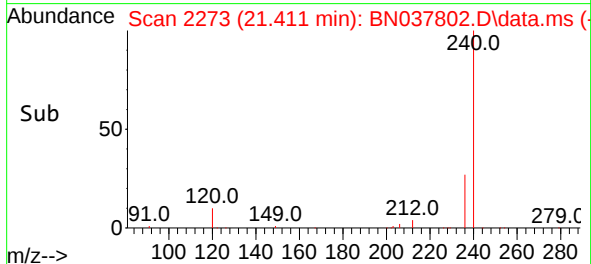
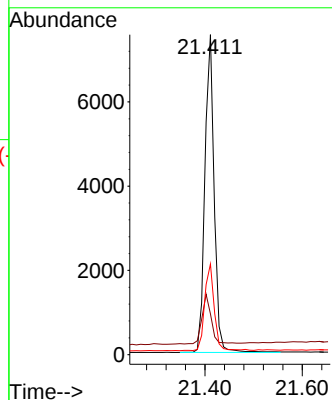
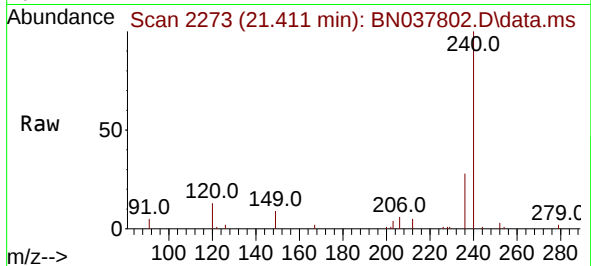




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037802.D
Acq: 19 Sep 2025 07:01

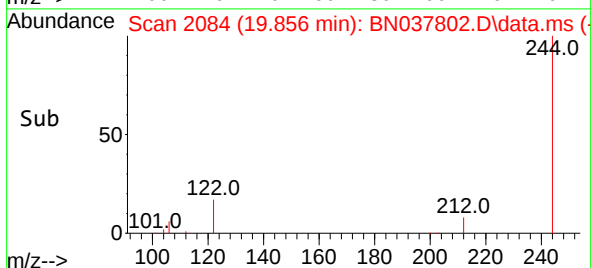
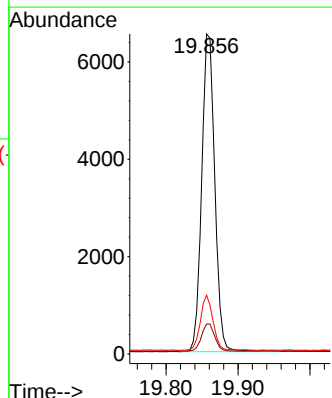
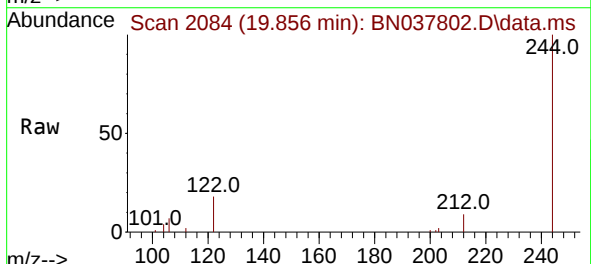
Instrument :
BNA_N
ClientSampleId :
RE105D1-20250911

Tgt Ion:240 Resp: 9967
Ion Ratio Lower Upper
240 100
120 12.7 9.2 13.8
236 28.4 22.6 33.8



#31
Terphenyl-d14
Concen: 0.407 ng
RT: 19.856 min Scan# 2084
Delta R.T. -0.014 min
Lab File: BN037802.D
Acq: 19 Sep 2025 07:01

Tgt Ion:244 Resp: 8243
Ion Ratio Lower Upper
244 100
212 9.3 7.5 11.3
122 18.4 13.2 19.8

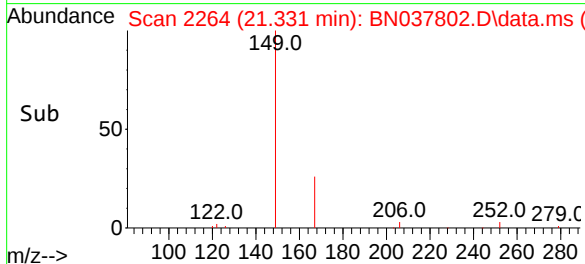
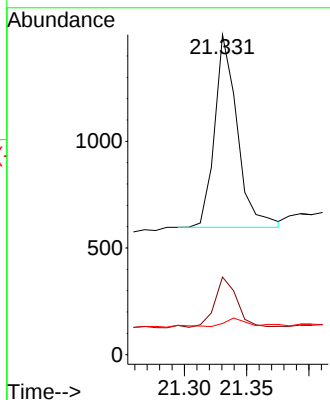
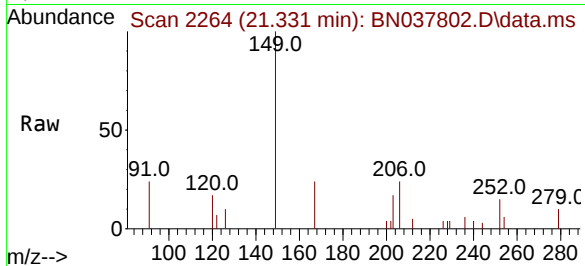




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.111 ng
 RT: 21.331 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN037802.D
 Acq: 19 Sep 2025 07:01

Instrument :
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 ClientSampleId :
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Tgt Ion:149 Resp: 1144
 Ion Ratio Lower Upper
 149 100
 167 27.0 20.8 31.2
 279 4.2 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.741 min Scan# 2841
 Delta R.T. -0.012 min
 Lab File: BN037802.D
 Acq: 19 Sep 2025 07:01

Tgt Ion:264 Resp: 9393
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.8 32.8
 265 86.4 39.4 59.2#

