

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037804.D
 Acq On : 19 Sep 2025 08:13
 Operator : RC/JU
 Sample : Q3097-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20250911

Quant Time: Sep 19 11:08:12 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)

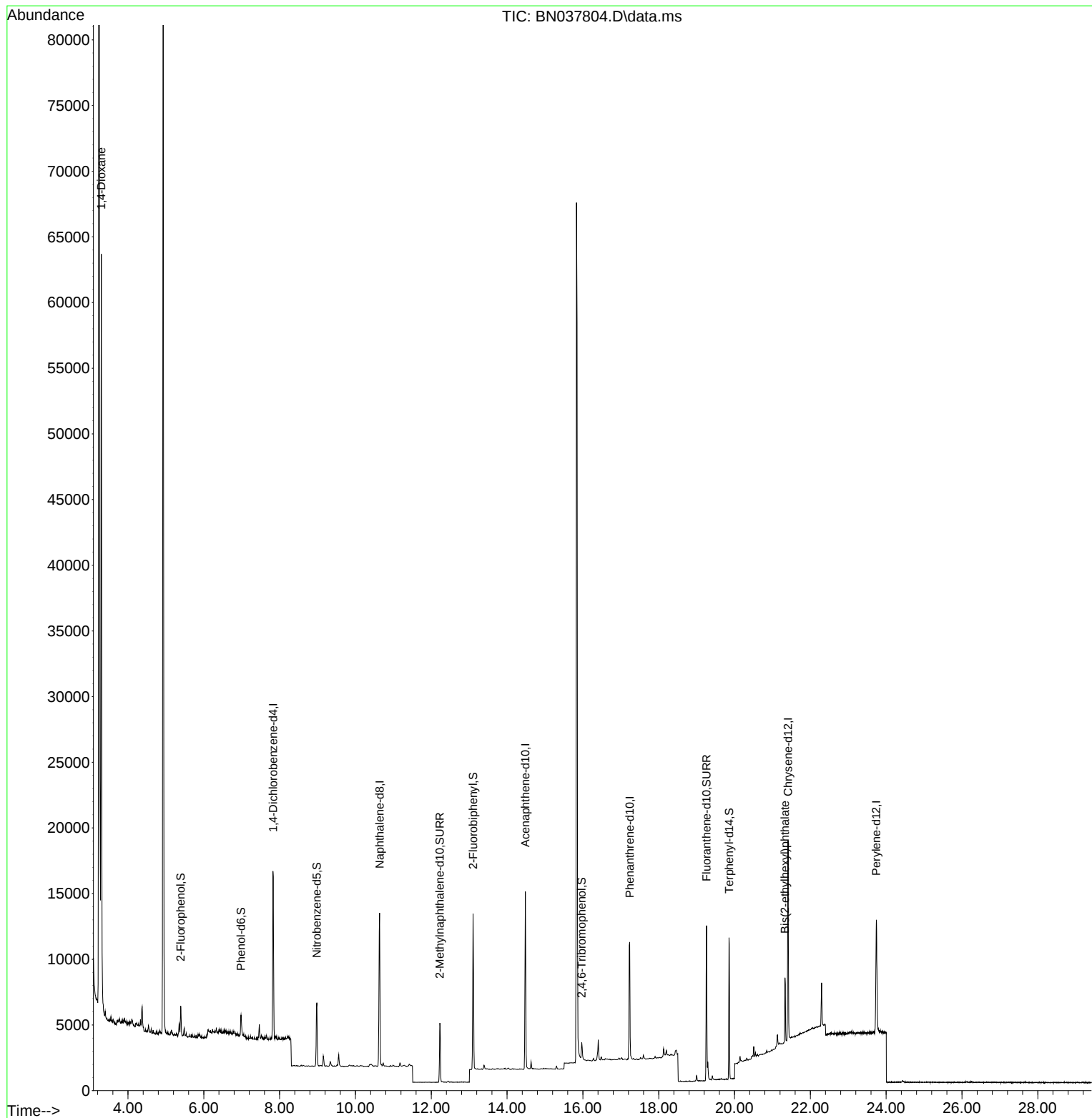
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	5966	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	15958	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	7282	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	14121	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	13292	0.400	ng	0.00
35) Perylene-d12	23.742	264	12196	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1813	0.132	ng	0.00
5) Phenol-d6	6.981	99	1408	0.079	ng	0.00
8) Nitrobenzene-d5	8.982	82	3995	0.342	ng	-0.01
11) 2-Methylnaphthalene-d10	12.228	152	6164	0.292	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	788	0.415	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	9741	0.320	ng	-0.01
27) Fluoranthene-d10	19.262	212	13091	0.369	ng	0.00
31) Terphenyl-d14	19.857	244	9801	0.363	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.297	88	32500	5.230	ng	95
34) Bis(2-ethylhexyl)phtha...	21.331	149	4973	0.362	ng	100

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

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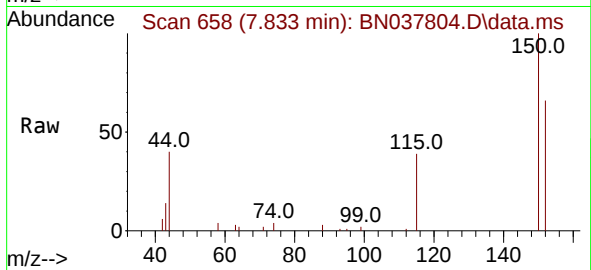
Quant Time: Sep 19 11:08:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



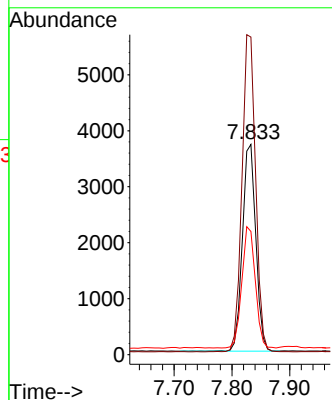
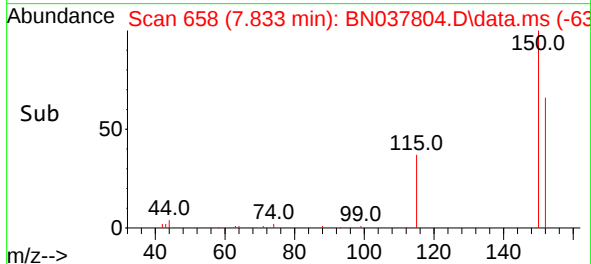


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037804.D
 Acq: 19 Sep 2025 08:13

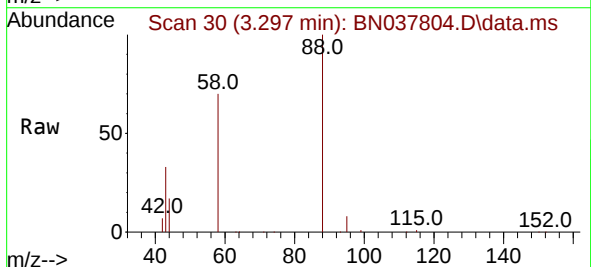
Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20250911



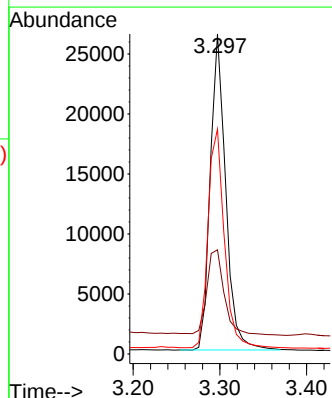
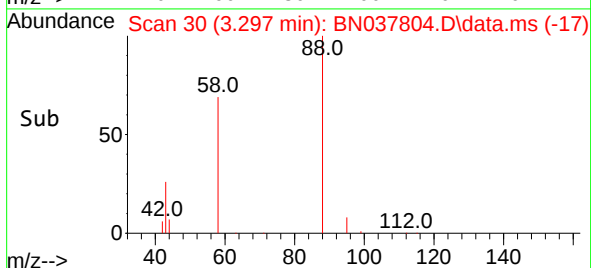
Tgt Ion:152 Resp: 5966
 Ion Ratio Lower Upper
 152 100
 150 151.0 124.5 186.7
 115 58.6 49.2 73.8



#2
 1,4-Dioxane
 Concen: 5.230 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037804.D
 Acq: 19 Sep 2025 08:13



Tgt Ion: 88 Resp: 32500
 Ion Ratio Lower Upper
 88 100
 43 30.8 26.8 40.2
 58 73.2 61.9 92.9

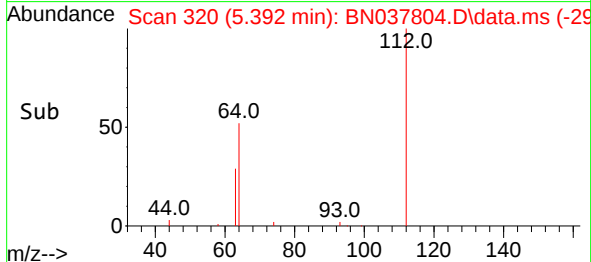
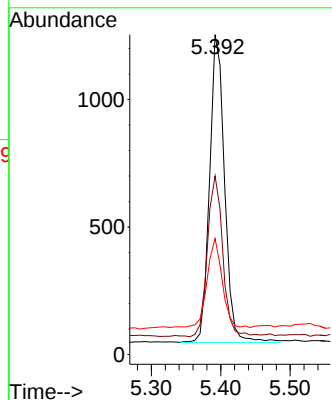
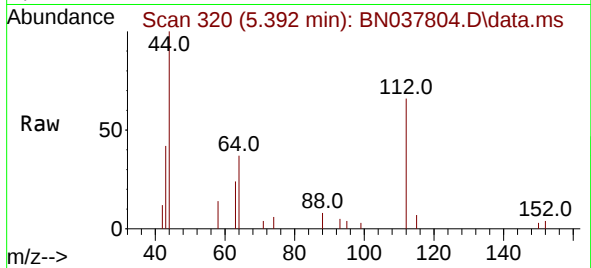




#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037804.D
Acq: 19 Sep 2025 08:13

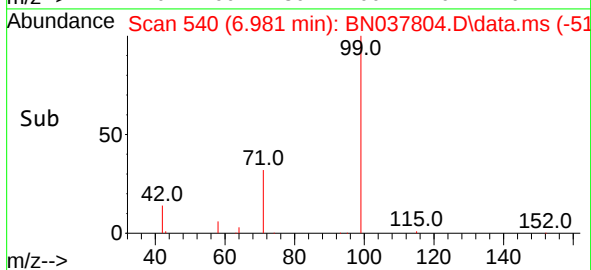
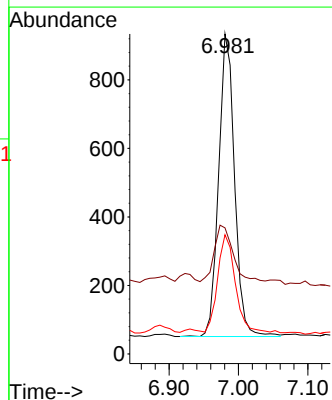
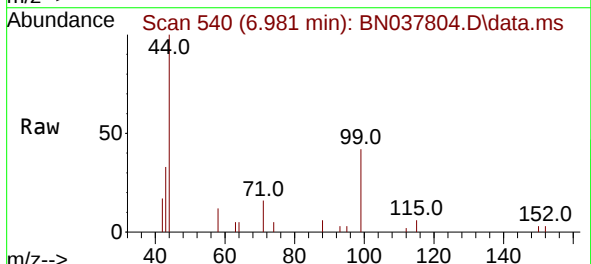
Instrument :
BNA_N
ClientSampleId :
DUP05-20250911

Tgt Ion:112 Resp: 1813
Ion Ratio Lower Upper
112 100
64 53.6 44.9 67.3
63 30.3 24.7 37.1



#5
Phenol-d6
Concen: 0.079 ng
RT: 6.981 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037804.D
Acq: 19 Sep 2025 08:13

Tgt Ion: 99 Resp: 1408
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 37.4 26.7 40.1

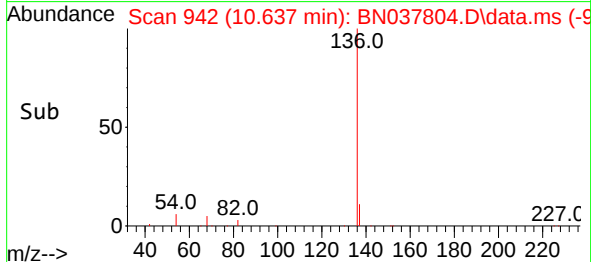
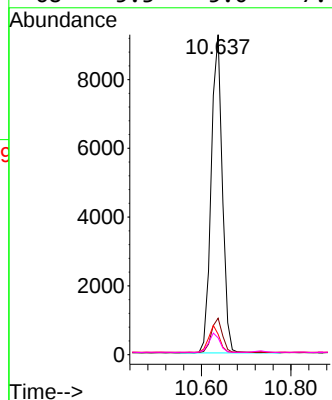
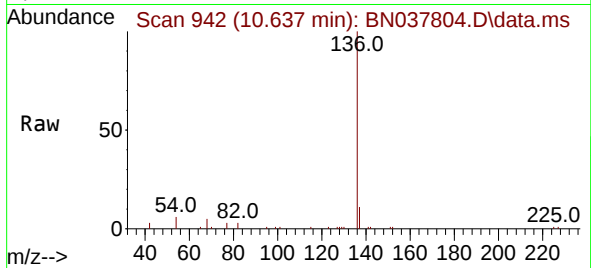




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037804.D
Acq: 19 Sep 2025 08:13

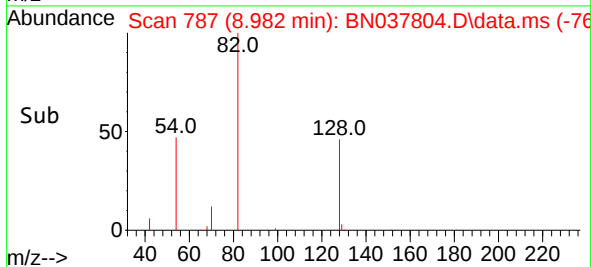
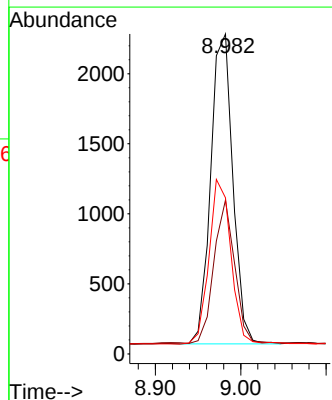
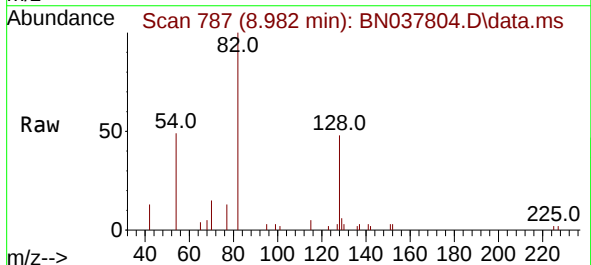
Instrument :
BNA_N
ClientSampleId :
DUP05-20250911

Tgt Ion:	136	Resp:	15958
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.4	6.3	9.5
68	5.3	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037804.D
Acq: 19 Sep 2025 08:13

Tgt Ion:	82	Resp:	3995
Ion	Ratio	Lower	Upper
82	100		
128	48.1	38.3	57.5
54	48.8	41.4	62.2

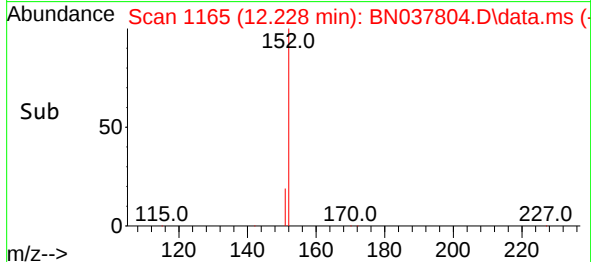
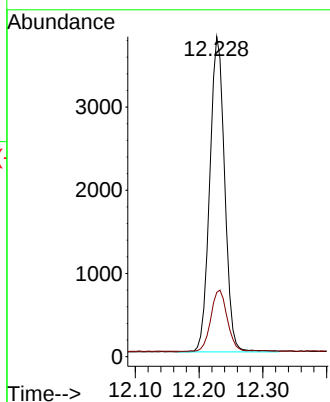
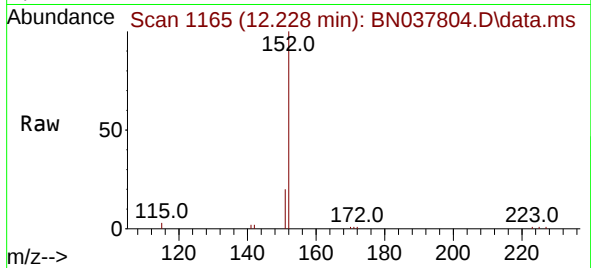




#11
2-Methylnaphthalene-d10
Concen: 0.292 ng
RT: 12.228 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037804.D
Acq: 19 Sep 2025 08:13

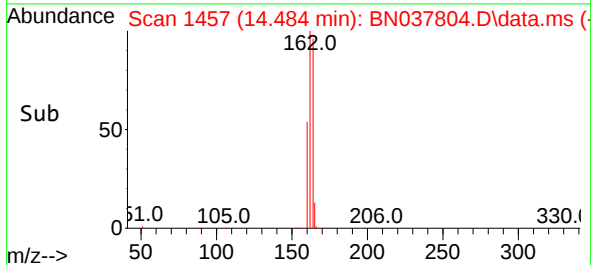
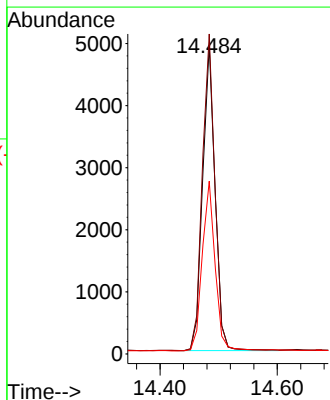
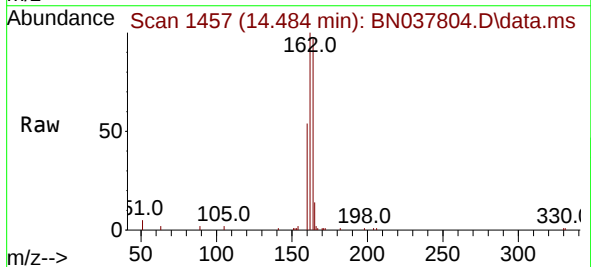
Instrument :
BNA_N
ClientSampleId :
DUP05-20250911

Tgt Ion:152 Resp: 6164
Ion Ratio Lower Upper
152 100
151 21.4 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: BN037804.D
Acq: 19 Sep 2025 08:13

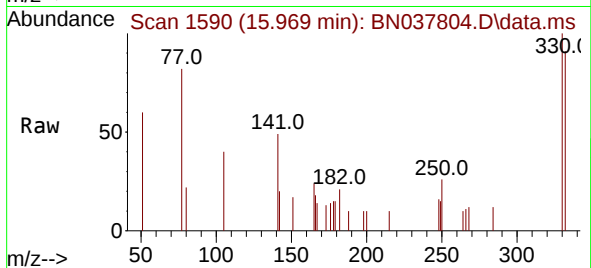
Tgt Ion:164 Resp: 7282
Ion Ratio Lower Upper
164 100
162 103.6 83.1 124.7
160 56.0 44.3 66.5



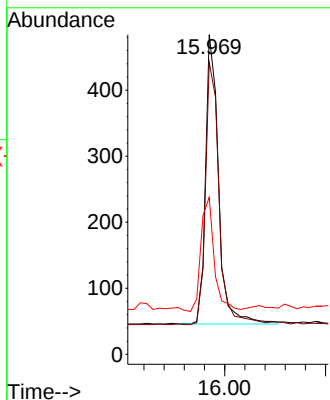
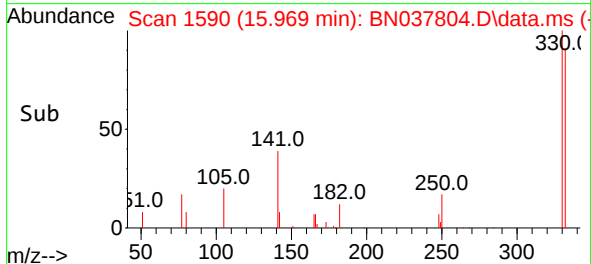


#14
2,4,6-Tribromophenol
Concen: 0.415 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037804.D
Acq: 19 Sep 2025 08:13

Instrument :
BNA_N
ClientSampleId :
DUP05-20250911

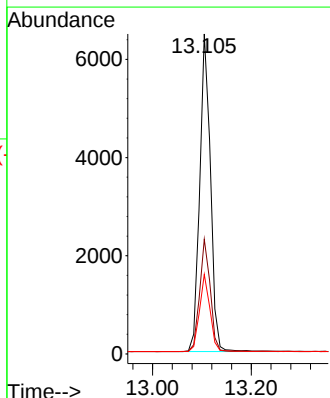
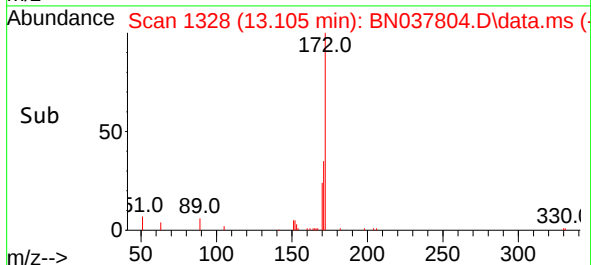
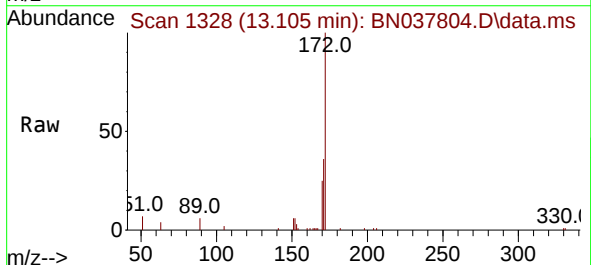


Tgt Ion:330 Resp: 788
Ion Ratio Lower Upper
330 100
332 94.9 75.3 112.9
141 40.2 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037804.D
Acq: 19 Sep 2025 08:13

Tgt Ion:172 Resp: 9741
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.9 19.8 29.8

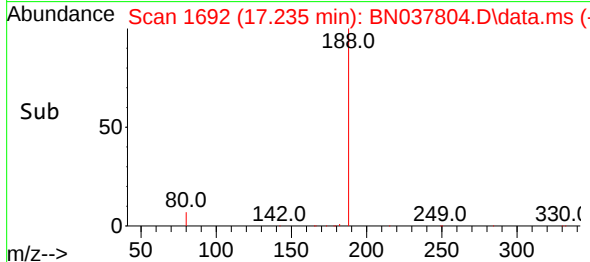
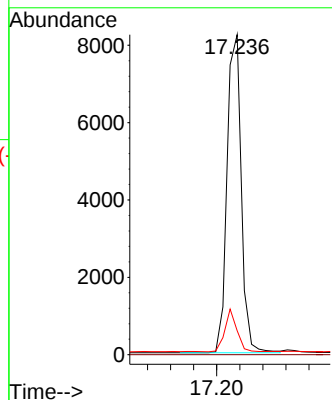
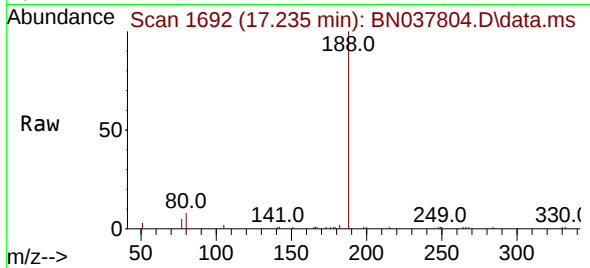




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN037804.D
Acq: 19 Sep 2025 08:13

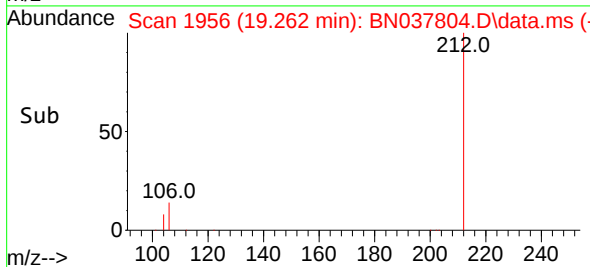
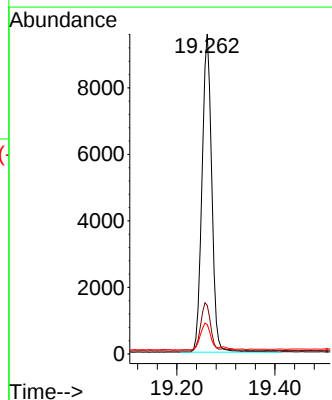
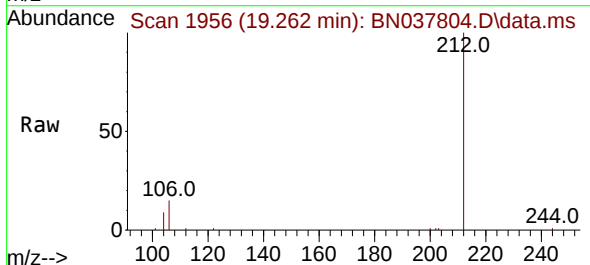
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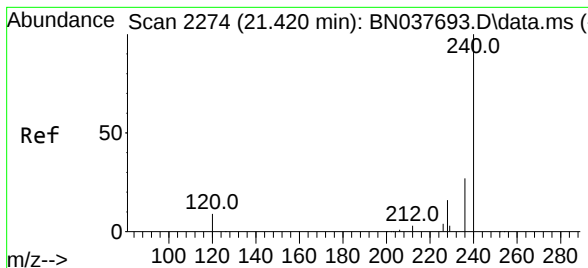
Tgt Ion:188 Resp: 14121
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037804.D
Acq: 19 Sep 2025 08:13

Tgt Ion:212 Resp: 13091
Ion Ratio Lower Upper
212 100
106 15.5 12.2 18.2
104 8.7 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: BN037804.D

Acq: 19 Sep 2025 08:13

Instrument :

BNA_N

ClientSampleId :

DUP05-20250911

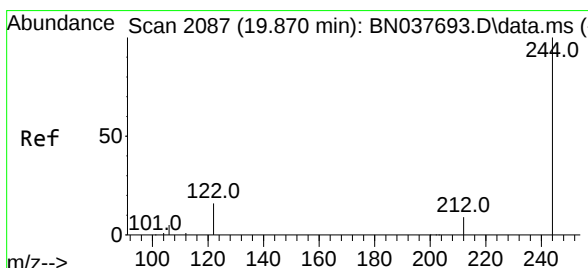
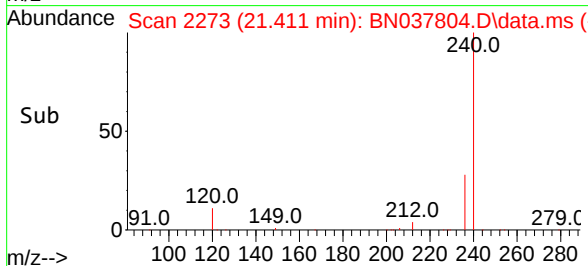
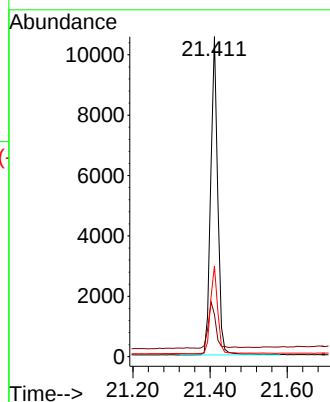
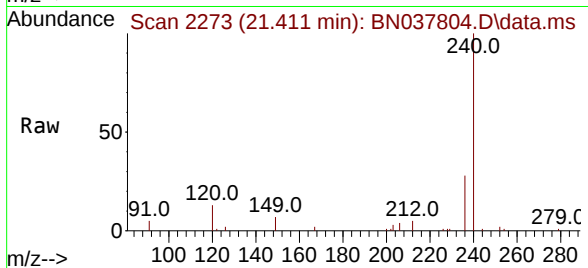
Tgt Ion:240 Resp: 13292

Ion Ratio Lower Upper

240 100

120 13.2 9.2 13.8

236 28.3 22.6 33.8



#31

Terphenyl-d14

Concen: 0.363 ng

RT: 19.857 min Scan# 2084

Delta R.T. -0.014 min

Lab File: BN037804.D

Acq: 19 Sep 2025 08:13

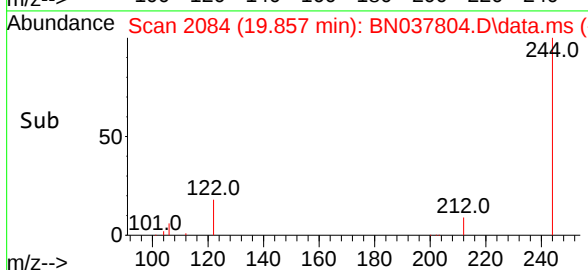
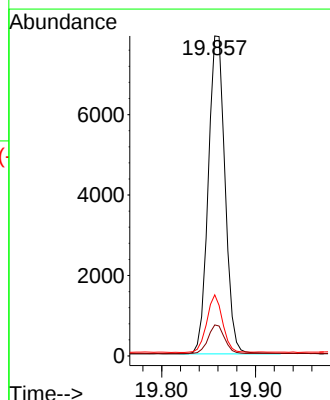
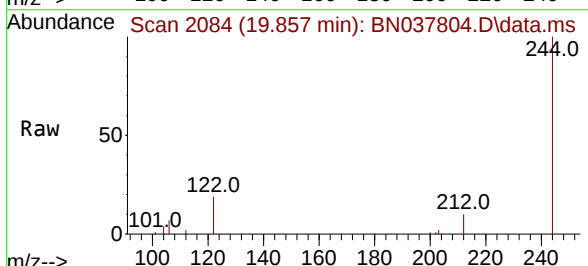
Tgt Ion:244 Resp: 9801

Ion Ratio Lower Upper

244 100

212 9.7 7.5 11.3

122 19.1 13.2 19.8

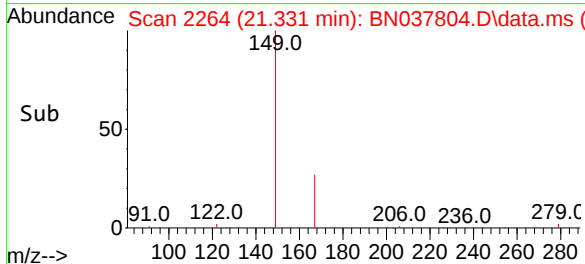
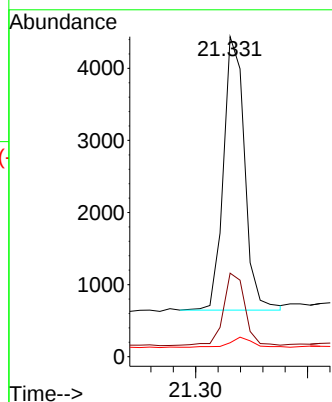
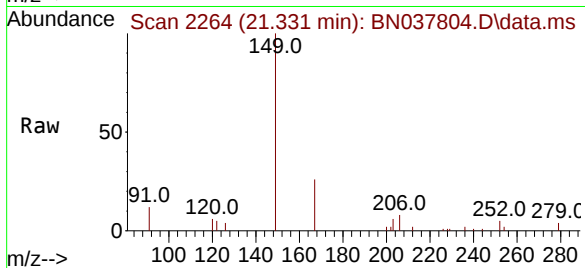




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.362 ng
 RT: 21.331 min Scan# 2131
 Delta R.T. -0.018 min
 Lab File: BN037804.D
 Acq: 19 Sep 2025 08:13

Instrument :
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 DUP05-20250911

Tgt Ion:149 Resp: 4973
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.8 31.2
 279 3.8 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.742 min Scan# 2841
 Delta R.T. -0.012 min
 Lab File: BN037804.D
 Acq: 19 Sep 2025 08:13

Tgt Ion:264 Resp: 12196
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.8 32.8
 265 69.3 39.4 59.2#

