

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092225\
 Data File : BN037858.D
 Acq On : 22 Sep 2025 15:45
 Operator : RC/JU
 Sample : Q3097-20DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20250912DL

Quant Time: Sep 22 17:25:54 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)

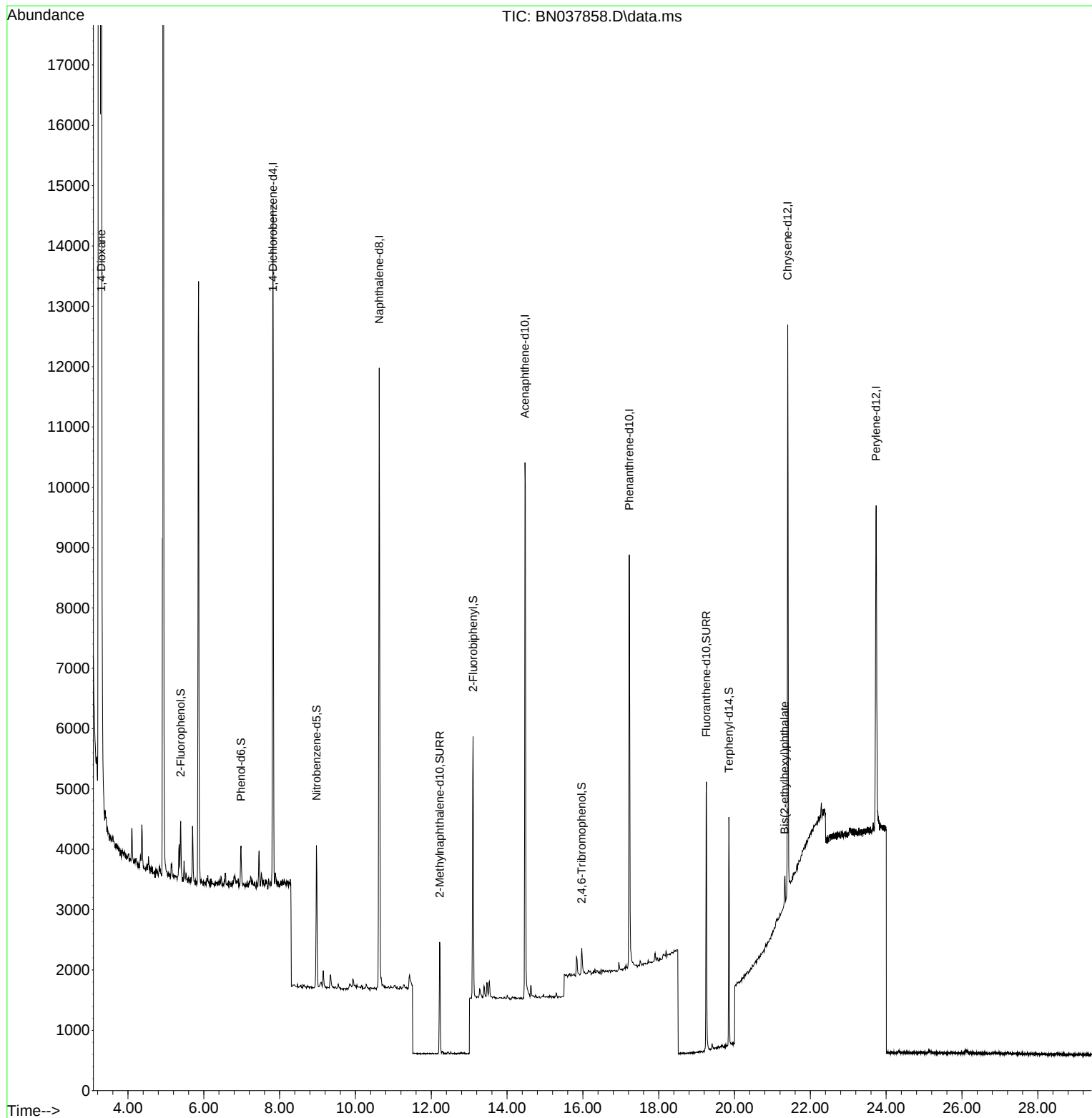
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	5114	0.400	ng	-0.01
7) Naphthalene-d8	10.626	136	13234	0.400	ng	-0.02
13) Acenaphthene-d10	14.473	164	5436	0.400	ng	-0.02
19) Phenanthrene-d10	17.223	188	9913	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	8645	0.400	ng	#-0.02
35) Perylene-d12	23.735	264	8016	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	810	0.069	ng	0.00
5) Phenol-d6	6.980	99	617	0.041	ng	0.00
8) Nitrobenzene-d5	8.971	82	1888	0.195	ng	-0.02
11) 2-Methylnaphthalene-d10	12.222	152	2540	0.145	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	303	0.214	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	4017	0.177	ng	-0.01
27) Fluoranthene-d10	19.257	212	4937	0.198	ng	-0.01
31) Terphenyl-d14	19.852	244	3674	0.209	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	20584	3.864	ng	97
34) Bis(2-ethylhexyl)phtha...	21.322	149	604	0.068	ng	# 90

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

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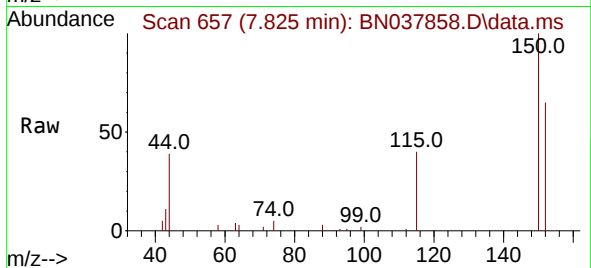
Quant Time: Sep 22 17:25:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration





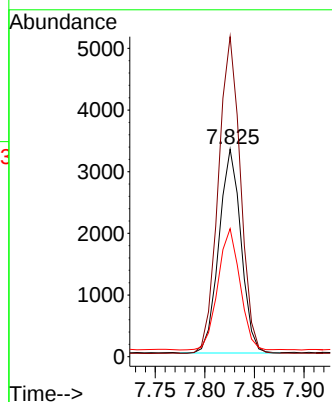
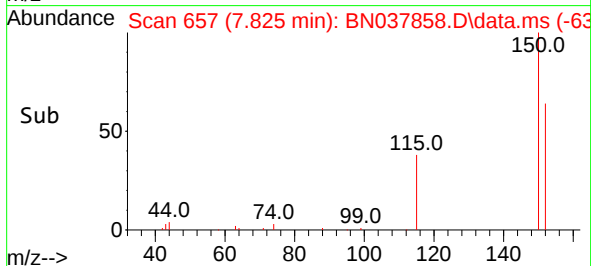
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 6
 Delta R.T. -0.015 min
 Lab File: BN037858.D
 Acq: 22 Sep 2025 15:45

Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20250912DL

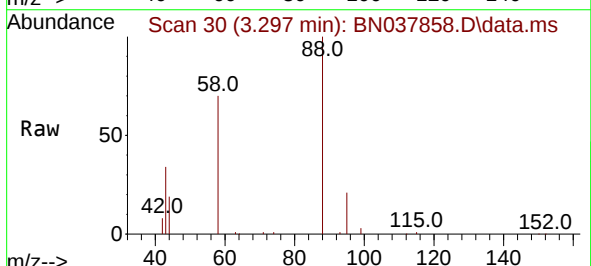


Tgt Ion:152 Resp: 5114

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.5	186.7
115	61.6	49.2	73.8

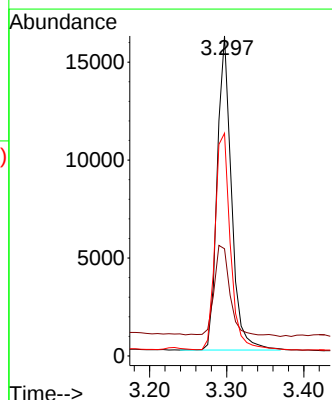
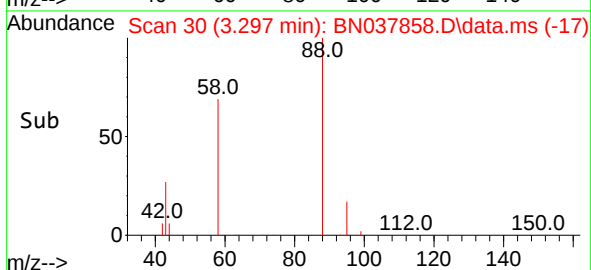


#2
 1,4-Dioxane
 Concen: 3.864 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037858.D
 Acq: 22 Sep 2025 15:45



Tgt Ion: 88 Resp: 20584

Ion	Ratio	Lower	Upper
88	100		
43	32.5	26.8	40.2
58	73.7	61.9	92.9

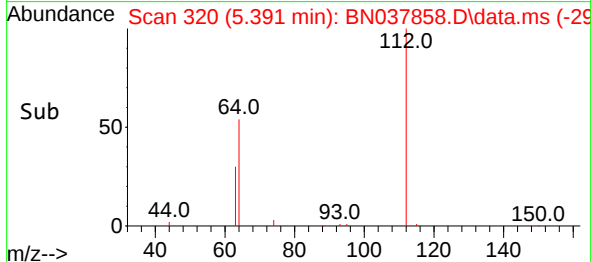
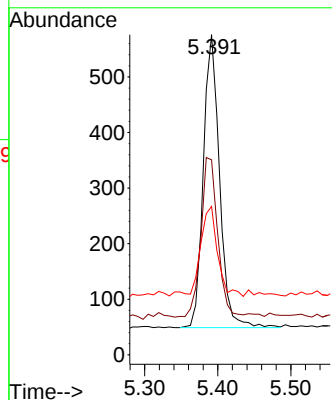
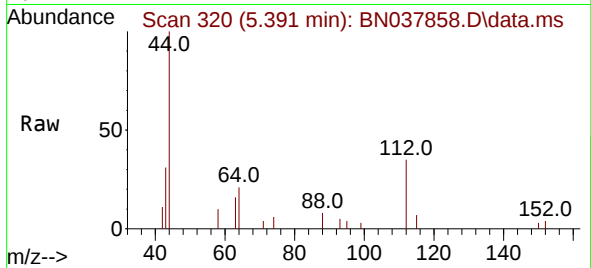




#4
2-Fluorophenol
Concen: 0.069 ng
RT: 5.391 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037858.D
Acq: 22 Sep 2025 15:45

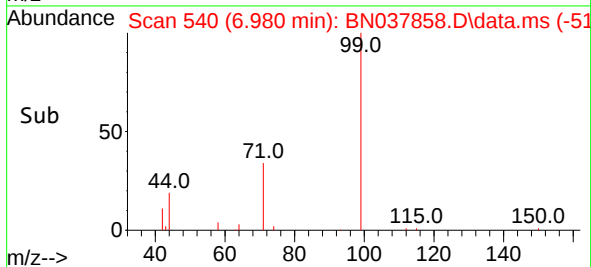
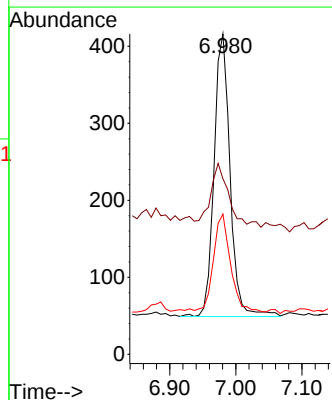
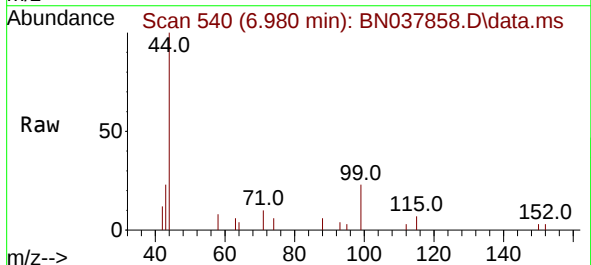
Instrument :
BNA_N
ClientSampleId :
DUP06-20250912DL

Tgt Ion:112 Resp: 810
Ion Ratio Lower Upper
112 100
64 56.8 44.9 67.3
63 33.0 24.7 37.1



#5
Phenol-d6
Concen: 0.041 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037858.D
Acq: 22 Sep 2025 15:45

Tgt Ion: 99 Resp: 617
Ion Ratio Lower Upper
99 100
42 26.3 16.6 24.8#
71 37.4 26.7 40.1

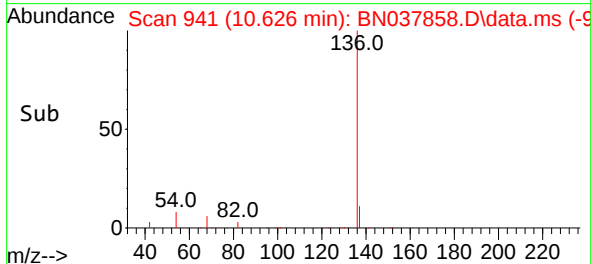
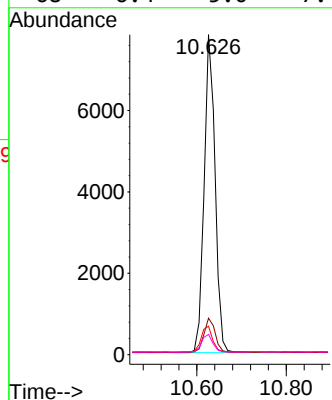
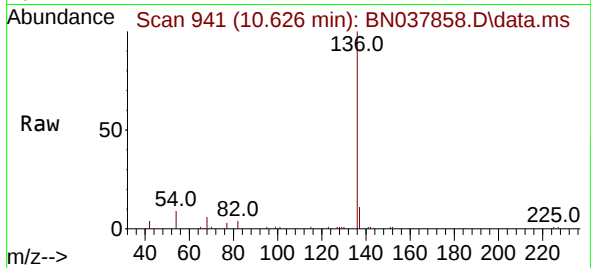




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.022 min
Lab File: BN037858.D
Acq: 22 Sep 2025 15:45

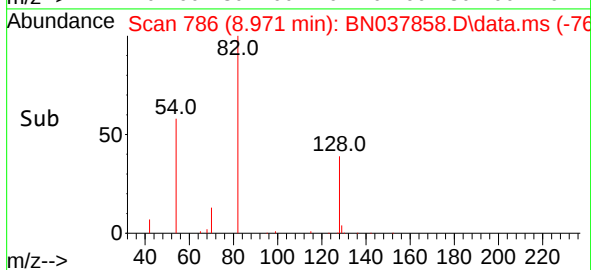
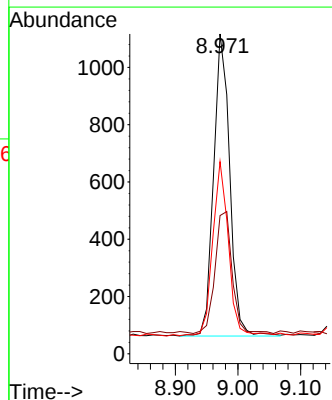
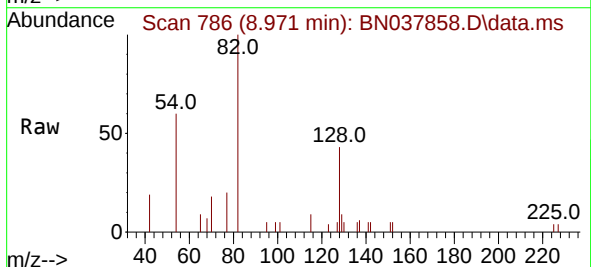
Instrument :
BNA_N
ClientSampleId :
DUP06-20250912DL

Tgt Ion:	136	Resp:	13234
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	8.9	6.3	9.5
68	6.4	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.195 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.022 min
Lab File: BN037858.D
Acq: 22 Sep 2025 15:45

Tgt Ion:	82	Resp:	1888
Ion Ratio	Lower	Upper	
82	100		
128	43.2	38.3	57.5
54	60.1	41.4	62.2

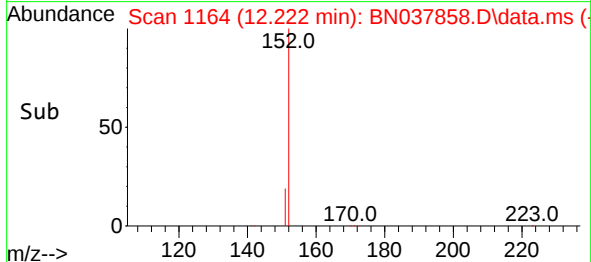
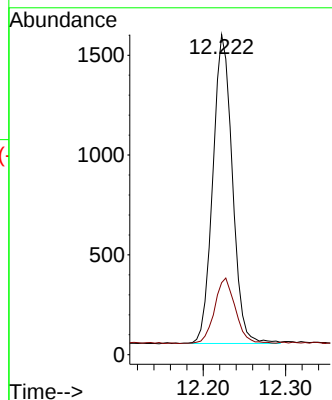
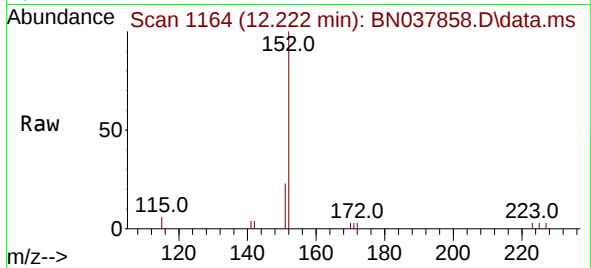




#11
2-Methylnaphthalene-d10
Concen: 0.145 ng
RT: 12.222 min Scan# 1164
Delta R.T. -0.020 min
Lab File: BN037858.D
Acq: 22 Sep 2025 15:45

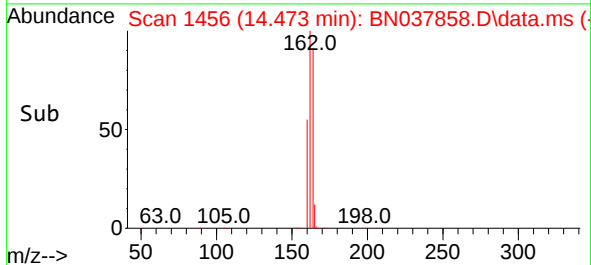
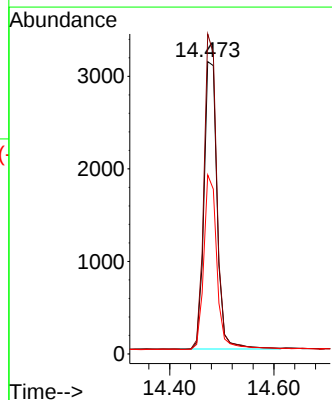
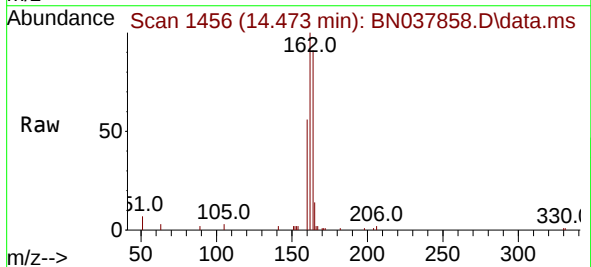
Instrument :
BNA_N
ClientSampleId :
DUP06-20250912DL

Tgt Ion:152 Resp: 2540
Ion Ratio Lower Upper
152 100
151 22.6 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.022 min
Lab File: BN037858.D
Acq: 22 Sep 2025 15:45

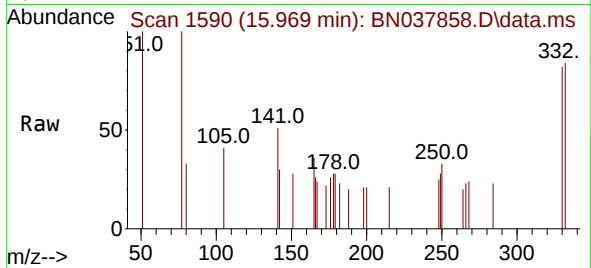
Tgt Ion:164 Resp: 5436
Ion Ratio Lower Upper
164 100
162 109.5 83.1 124.7
160 61.3 44.3 66.5



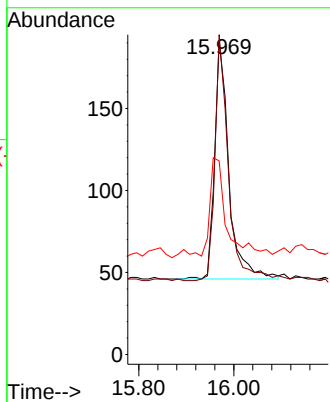
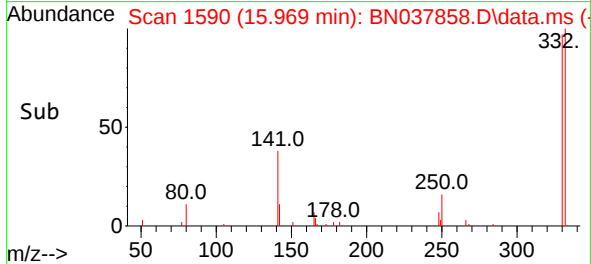


#14
2,4,6-Tribromophenol
Concen: 0.214 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037858.D
Acq: 22 Sep 2025 15:45

Instrument :
BNA_N
ClientSampleId :
DUP06-20250912DL

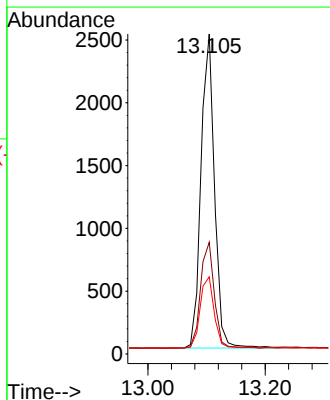
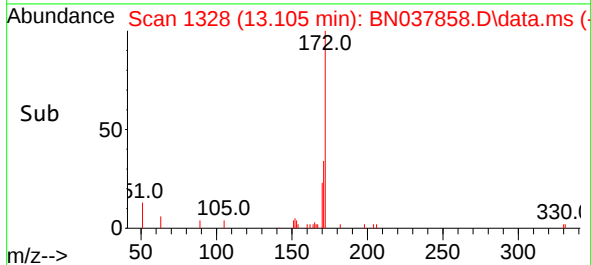
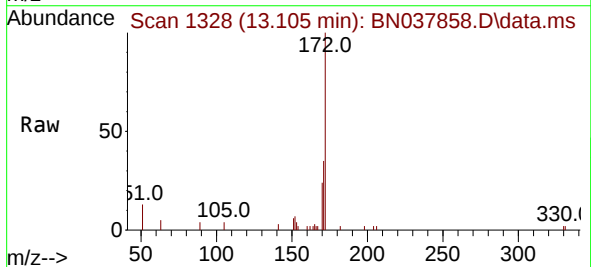


Tgt Ion:330 Resp: 303
Ion Ratio Lower Upper
330 100
332 97.7 75.3 112.9
141 45.9 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.177 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037858.D
Acq: 22 Sep 2025 15:45

Tgt Ion:172 Resp: 4017
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 24.1 19.8 29.8

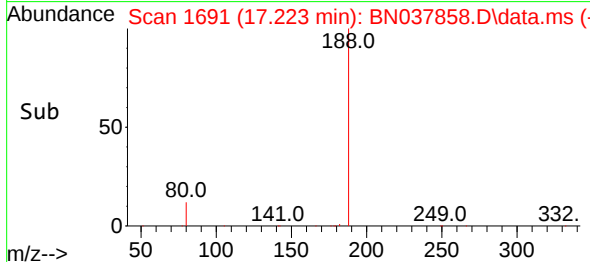
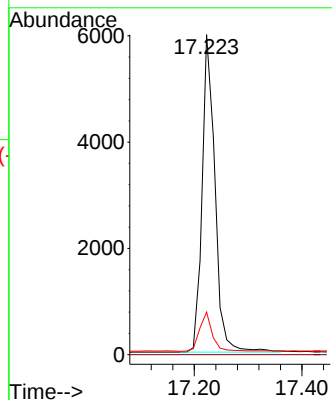
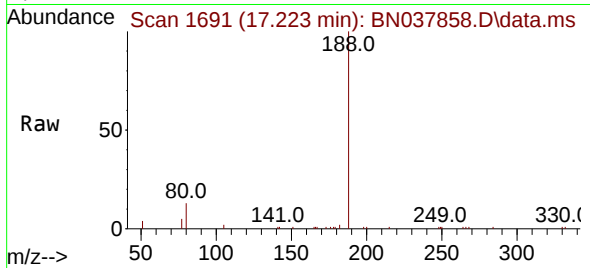




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.013 min
Lab File: BN037858.D
Acq: 22 Sep 2025 15:45

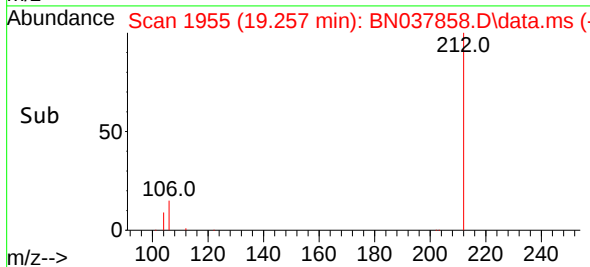
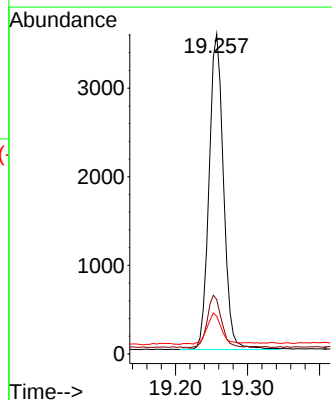
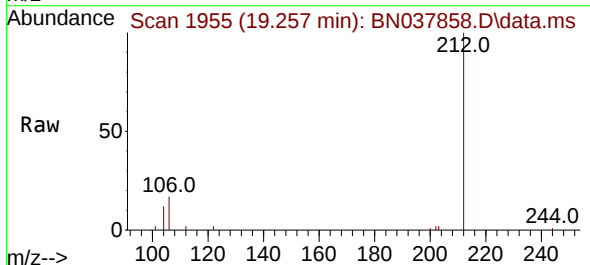
Instrument :
BNA_N
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DUP06-20250912DL

Tgt Ion:188 Resp: 9913
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 10.6 15.8



#27
Fluoranthene-d10
Concen: 0.198 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037858.D
Acq: 22 Sep 2025 15:45

Tgt Ion:212 Resp: 4937
Ion Ratio Lower Upper
212 100
106 16.3 12.2 18.2
104 10.0 6.9 10.3

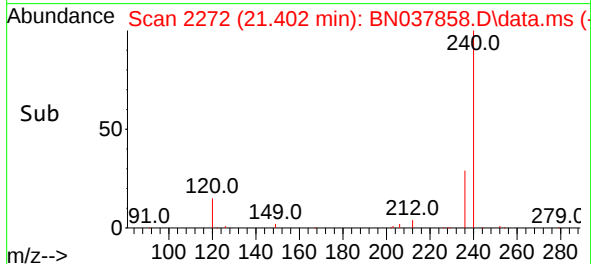
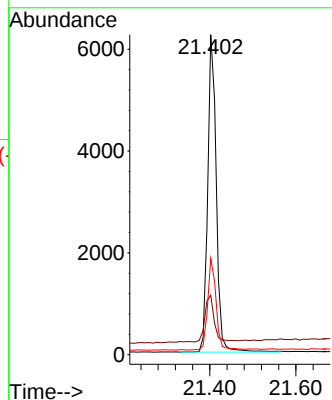
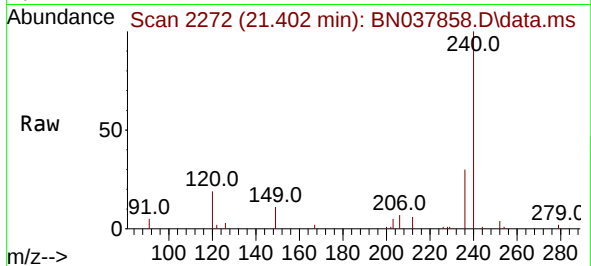




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN037858.D
Acq: 22 Sep 2025 15:45

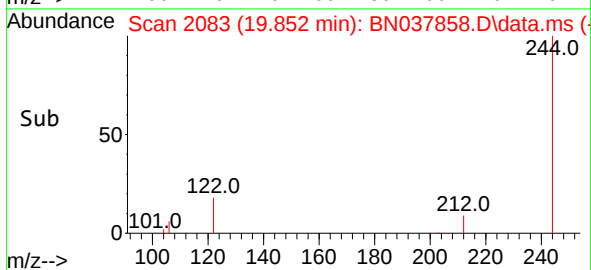
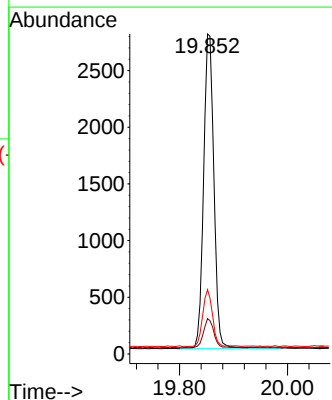
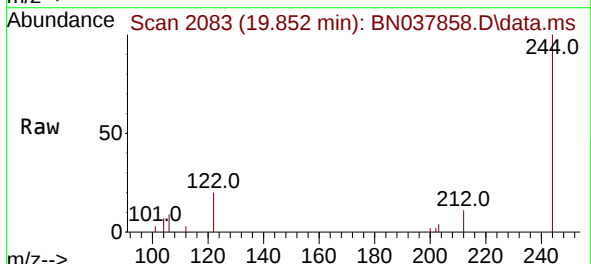
Instrument :
BNA_N
ClientSampleId :
DUP06-20250912DL

Tgt Ion:240 Resp: 8645
Ion Ratio Lower Upper
240 100
120 18.5 9.2 13.8#
236 30.0 22.6 33.8



#31
Terphenyl-d14
Concen: 0.209 ng
RT: 19.852 min Scan# 2083
Delta R.T. -0.019 min
Lab File: BN037858.D
Acq: 22 Sep 2025 15:45

Tgt Ion:244 Resp: 3674
Ion Ratio Lower Upper
244 100
212 11.1 7.5 11.3
122 20.1 13.2 19.8#

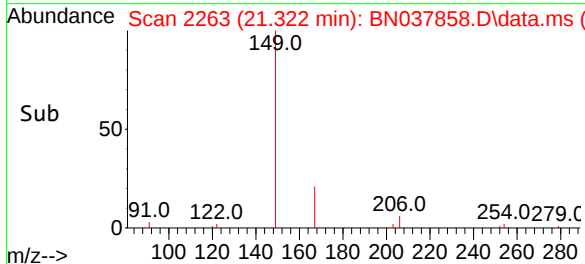
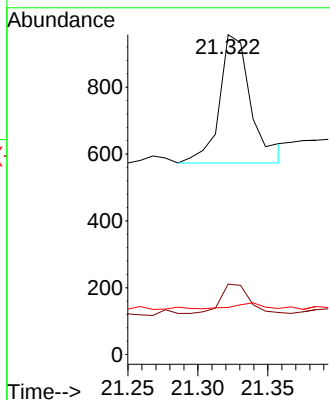
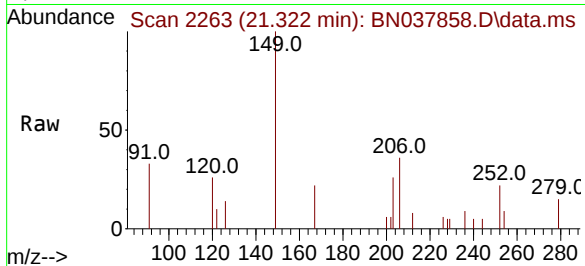




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.068 ng
RT: 21.322 min Scan# 21322
Delta R.T. -0.027 min
Lab File: BN037858.D
Acq: 22 Sep 2025 15:45

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:149 Resp: 604
Ion Ratio Lower Upper
149 100
167 20.4 20.8 31.2#
279 3.8 3.3 4.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.735 min Scan# 2839
Delta R.T. -0.018 min
Lab File: BN037858.D
Acq: 22 Sep 2025 15:45

Tgt Ion:264 Resp: 8016
Ion Ratio Lower Upper
264 100
260 27.0 21.8 32.8
265 97.0 39.4 59.2#

