

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038015.D
 Acq On : 06 Oct 2025 18:35
 Operator : RC/JU
 Sample : Q3194-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT192D1-20250922

Quant Time: Oct 06 19:00:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

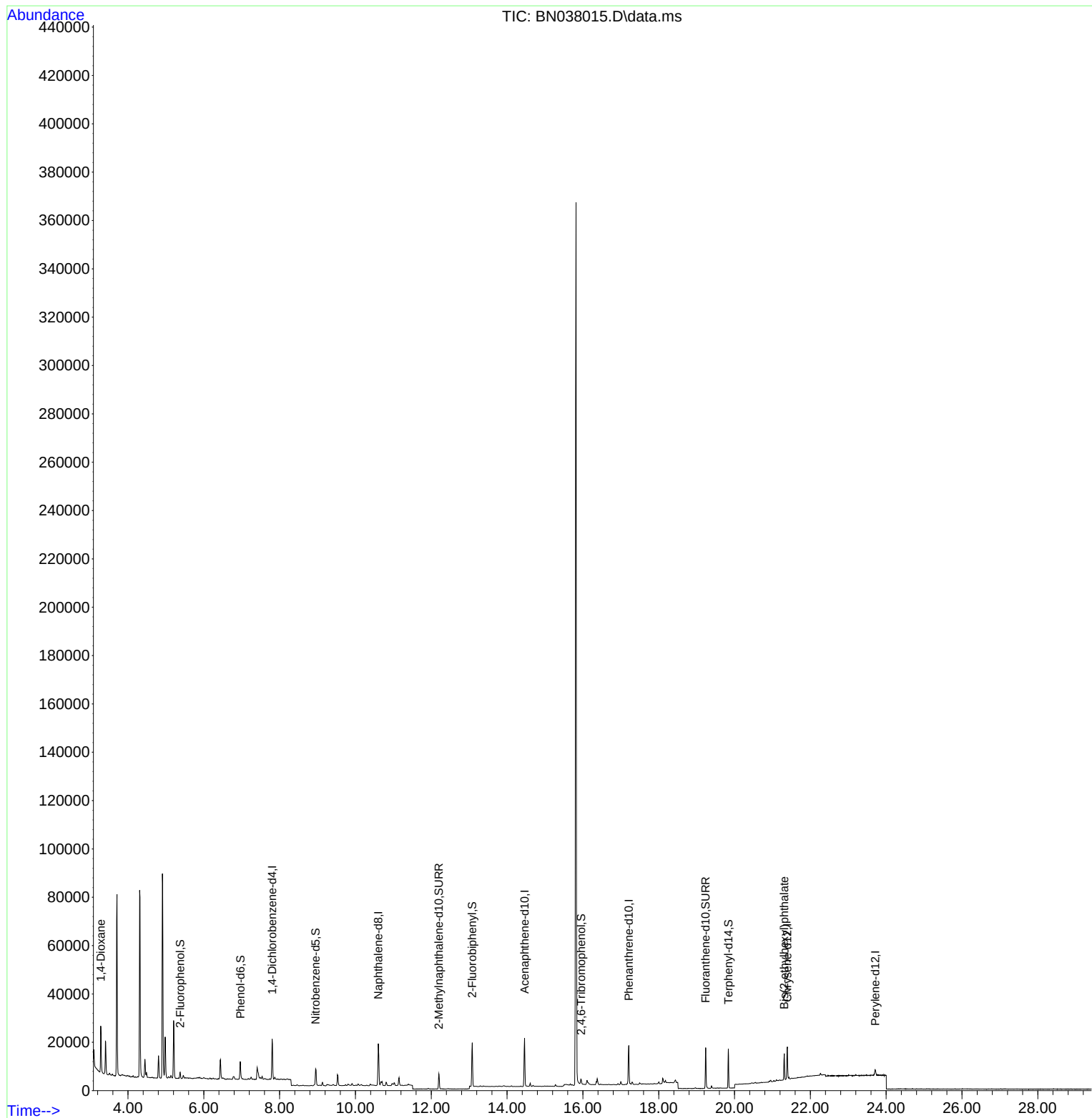
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	7823	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	22788	0.400	ng	#-0.02
13) Acenaphthene-d10	14.462	164	10971	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	22305	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	12979	0.400	ng	0.00
35) Perylene-d12	23.712	264	3373	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2103	0.118	ng	0.00
5) Phenol-d6	6.966	99	1731	0.074	ng	0.00
8) Nitrobenzene-d5	8.950	82	5784	0.333	ng	-0.02
11) 2-Methylnaphthalene-d10	12.202	152	8565	0.271	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	1234	0.297	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	15762	0.351	ng	-0.01
27) Fluoranthene-d10	19.239	212	17648	0.315	ng	-0.01
31) Terphenyl-d14	19.838	244	14563	0.563	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.283	88	11798	1.486	ng	99
34) Bis(2-ethylhexyl)phtha...	21.313	149	10214	0.569	ng	100

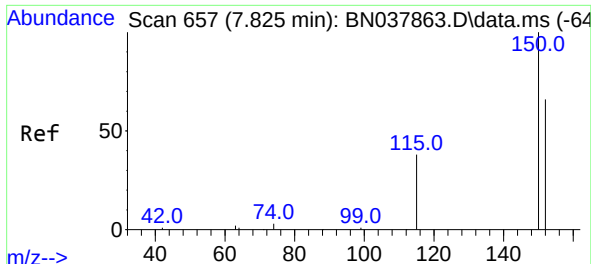
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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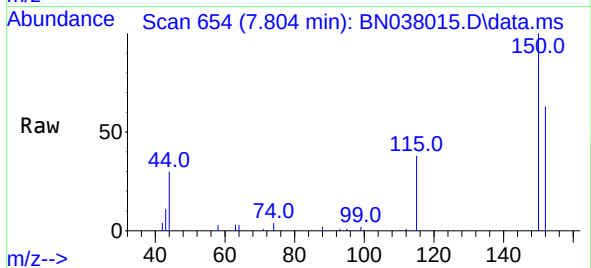
Quant Time: Oct 06 19:00:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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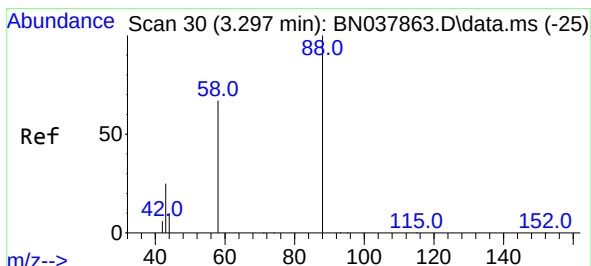
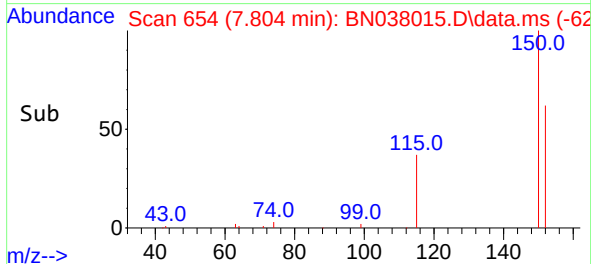
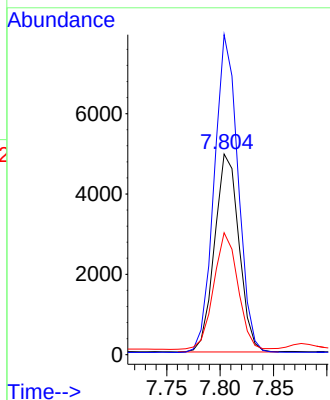


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038015.D
Acq: 06 Oct 2025 18:35

Instrument :
BNA_N
ClientSampleId :
TT192D1-20250922

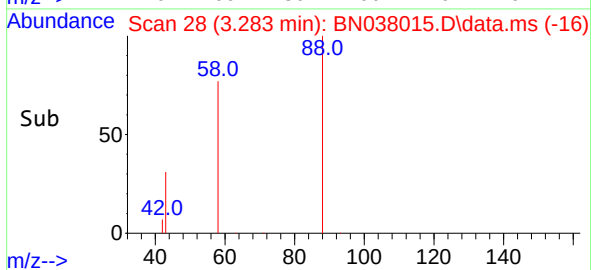
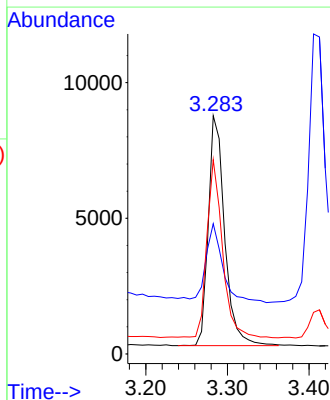
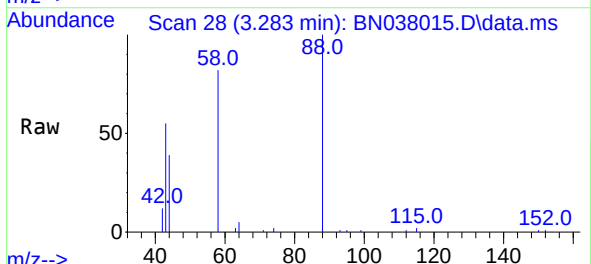


Tgt Ion:152 Resp: 7823
Ion Ratio Lower Upper
152 100
150 159.4 121.0 181.4
115 60.7 47.4 71.0

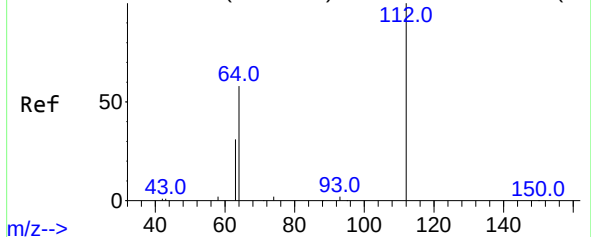


#2
1,4-Dioxane
Concen: 1.486 ng
RT: 3.283 min Scan# 28
Delta R.T. -0.014 min
Lab File: BN038015.D
Acq: 06 Oct 2025 18:35

Tgt Ion: 88 Resp: 11798
Ion Ratio Lower Upper
88 100
43 34.6 26.6 39.8
58 74.0 58.9 88.3

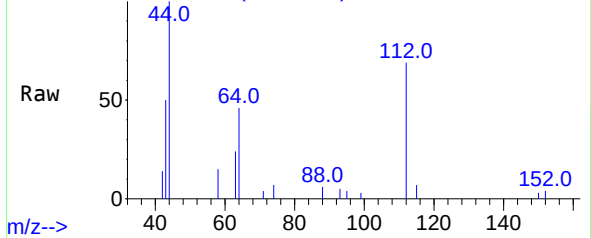


Abundance Scan 319 (5.384 min): BN037863.D\data.ms (-31



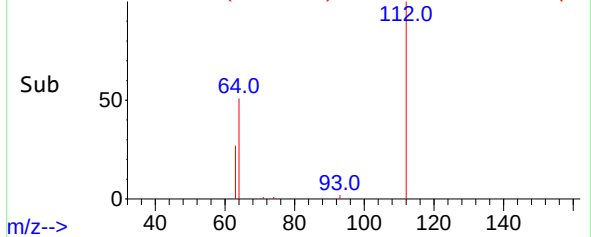
m/z-->

Abundance Scan 318 (5.377 min): BN038015.D\data.ms



m/z-->

Abundance Scan 318 (5.377 min): BN038015.D\data.ms (-29



m/z-->

#4

2-Fluorophenol

Concen: 0.118 ng

RT: 5.377 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN038015.D

Acq: 06 Oct 2025 18:35

Instrument :

BNA_N

ClientSampleId :

TT192D1-20250922

Tgt Ion:112 Resp: 2103

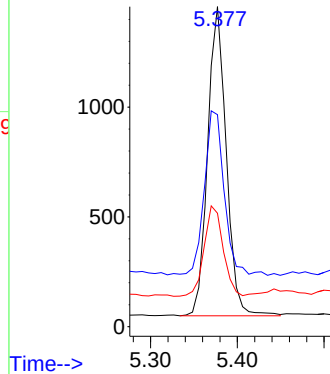
Ion Ratio Lower Upper

112 100

64 56.8 44.6 66.8

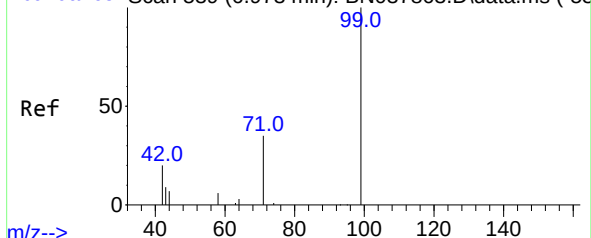
63 29.8 24.9 37.3

Abundance



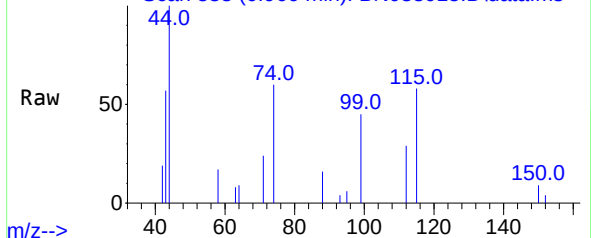
Time-->

Abundance Scan 539 (6.973 min): BN037863.D\data.ms (-53



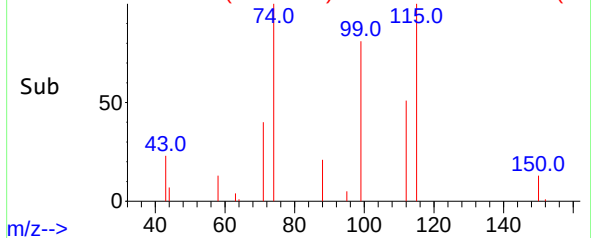
m/z-->

Abundance Scan 538 (6.966 min): BN038015.D\data.ms



m/z-->

Abundance Scan 538 (6.966 min): BN038015.D\data.ms (-51



m/z-->

#5

Phenol-d6

Concen: 0.074 ng

RT: 6.966 min Scan# 538

Delta R.T. -0.007 min

Lab File: BN038015.D

Acq: 06 Oct 2025 18:35

Tgt Ion: 99 Resp: 1731

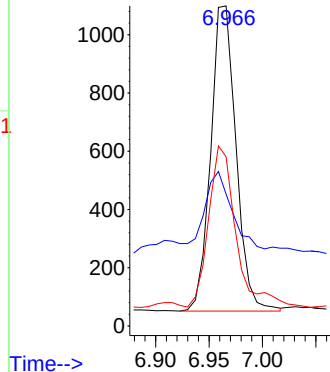
Ion Ratio Lower Upper

99 100

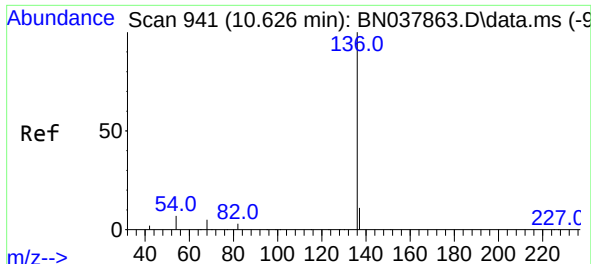
42 27.0 17.2 25.8#

71 57.1 27.3 40.9#

Abundance



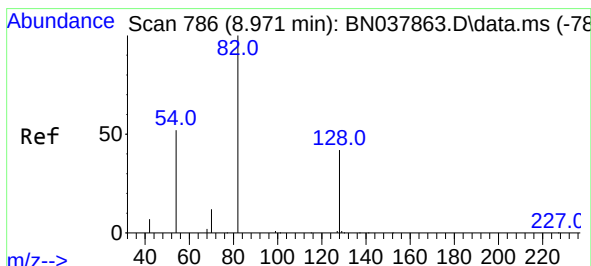
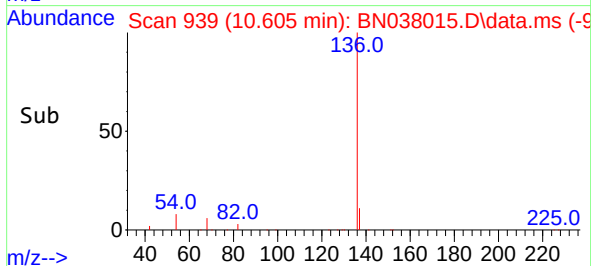
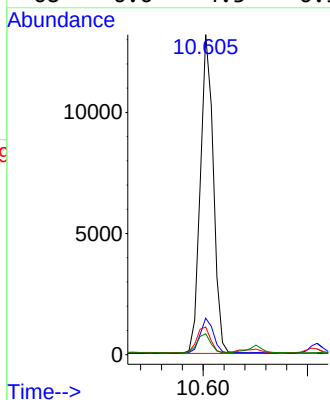
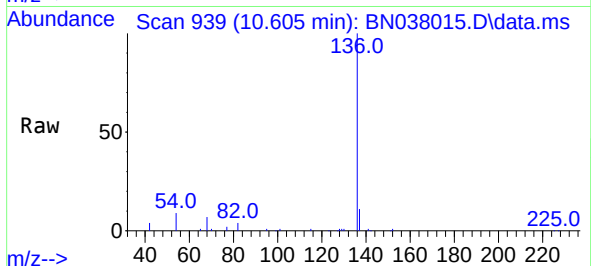
Time-->



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038015.D
Acq: 06 Oct 2025 18:35

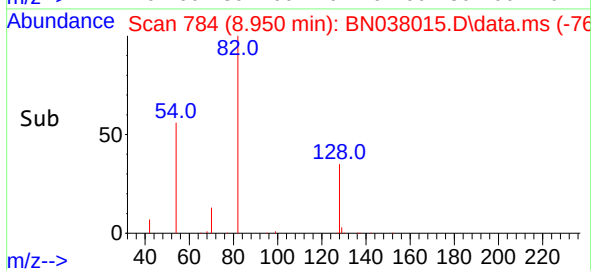
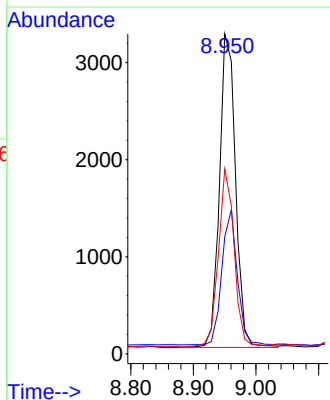
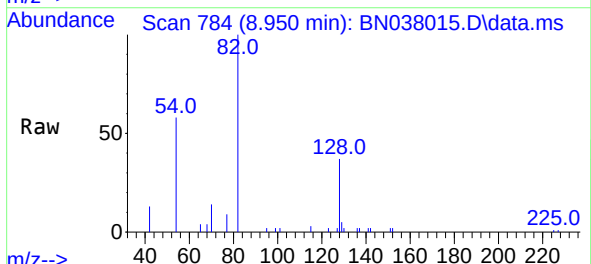
Instrument :
BNA_N
ClientSampleId :
TT192D1-20250922

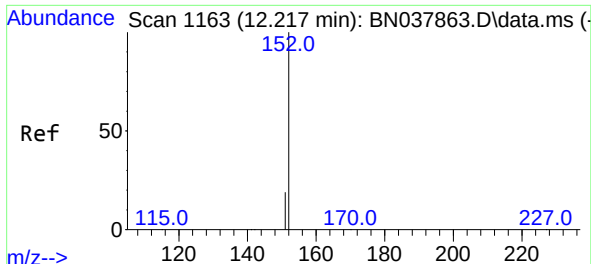
Tgt Ion:	136	Resp:	22788
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	8.6	5.8	8.8
68	6.6	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.333 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038015.D
Acq: 06 Oct 2025 18:35

Tgt Ion:	82	Resp:	5784
Ion	Ratio	Lower	Upper
82	100		
128	36.6	34.8	52.2
54	57.8	42.2	63.2

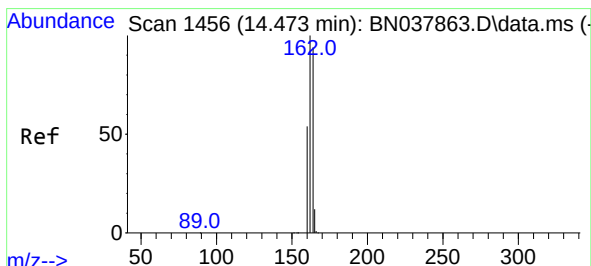
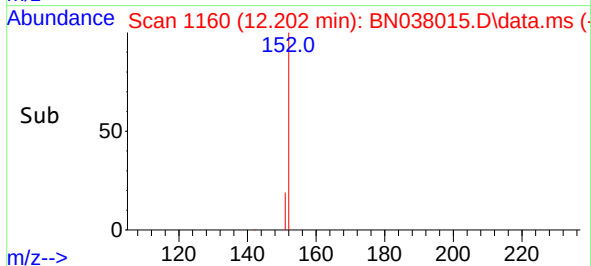
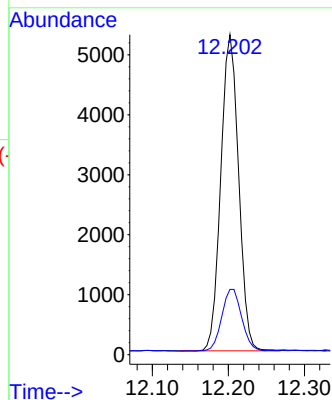
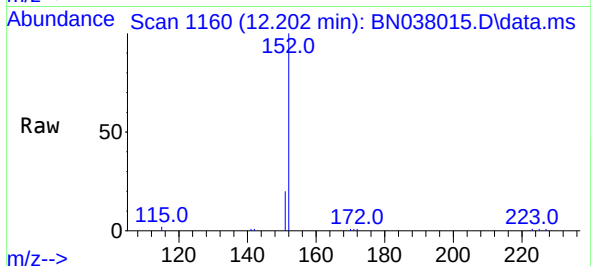




#11
2-Methylnaphthalene-d10
Concen: 0.271 ng
RT: 12.202 min Scan# 1160
Delta R.T. -0.015 min
Lab File: BN038015.D
Acq: 06 Oct 2025 18:35

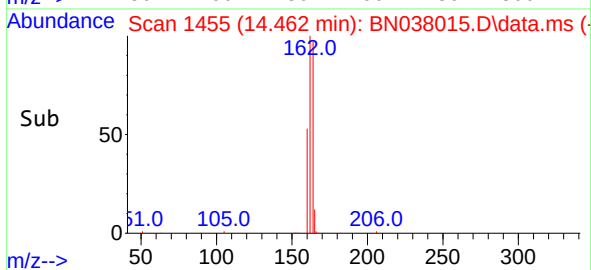
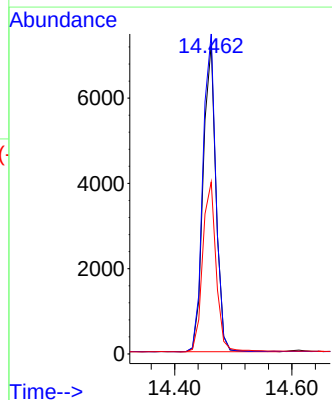
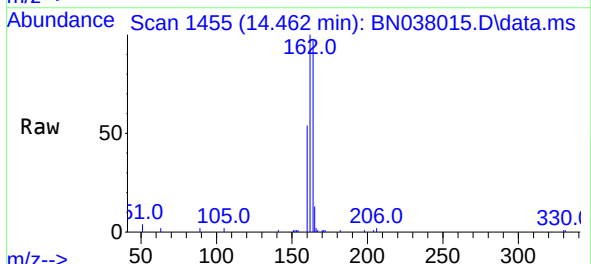
Instrument :
BNA_N
ClientSampleId :
TT192D1-20250922

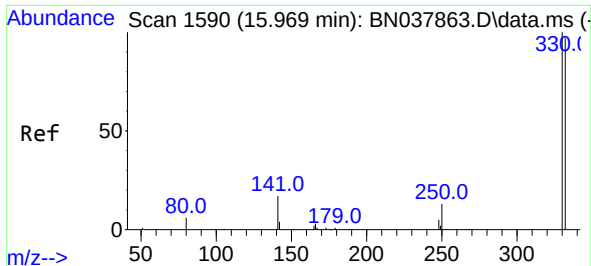
Tgt Ion:152 Resp: 8565
Ion Ratio Lower Upper
152 100
151 21.9 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN038015.D
Acq: 06 Oct 2025 18:35

Tgt Ion:164 Resp: 10971
Ion Ratio Lower Upper
164 100
162 103.2 84.8 127.2
160 55.5 46.1 69.1

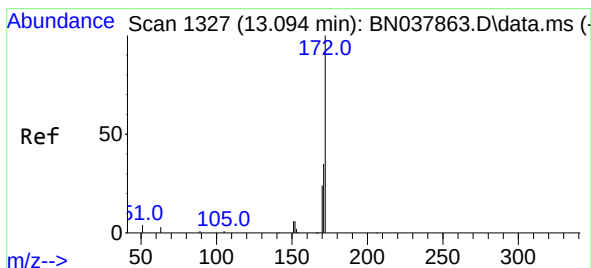
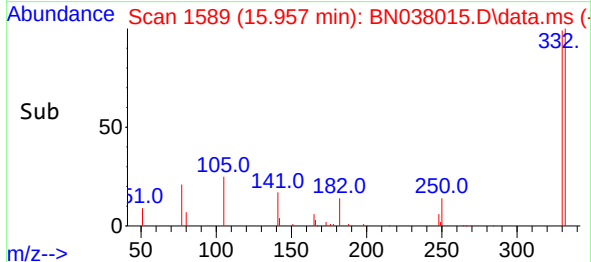
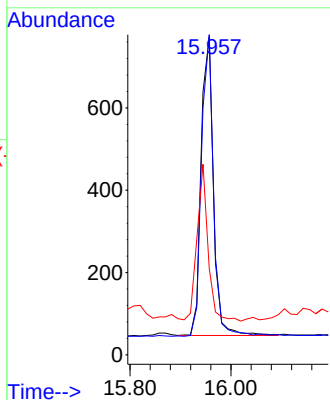
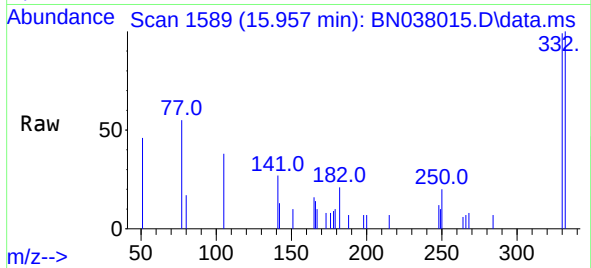




#14
2,4,6-Tribromophenol
Concen: 0.297 ng
RT: 15.957 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN038015.D
Acq: 06 Oct 2025 18:35

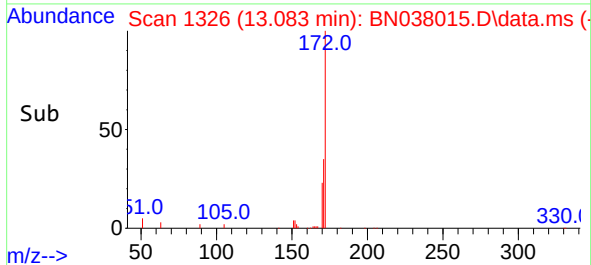
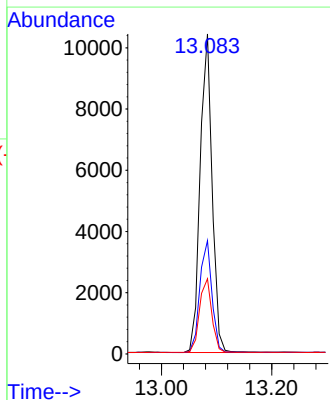
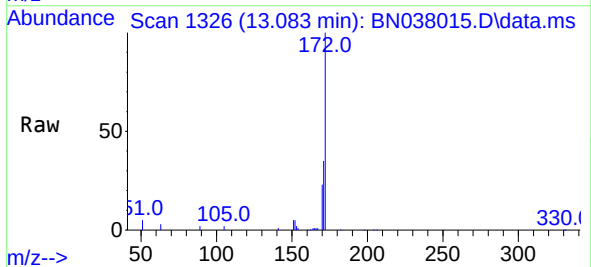
Instrument :
BNA_N
ClientSampleId :
TT192D1-20250922

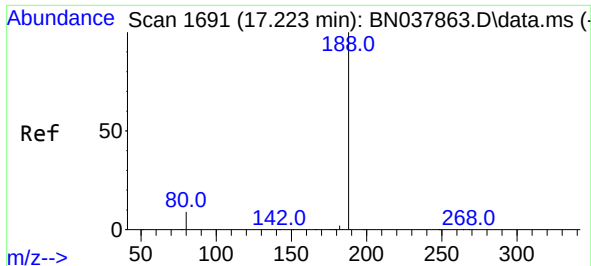
Tgt Ion:	330	Resp:	1234
Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.2	115.8
141	46.5	37.2	55.8



#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN038015.D
Acq: 06 Oct 2025 18:35

Tgt Ion:	172	Resp:	15762
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.5	19.7	29.5

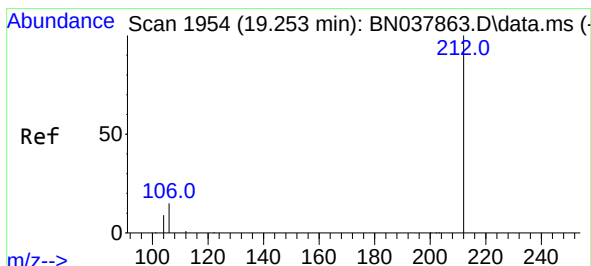
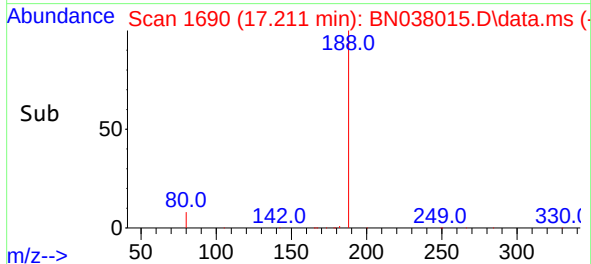
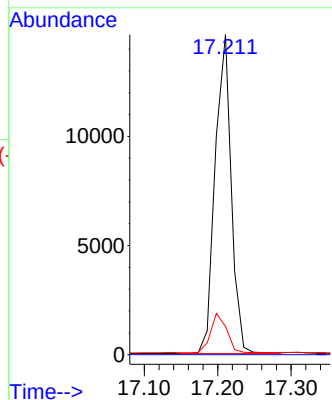
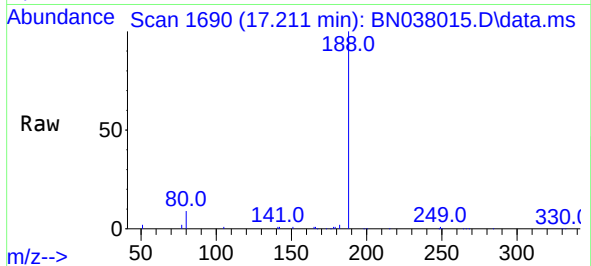




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN038015.D
Acq: 06 Oct 2025 18:35

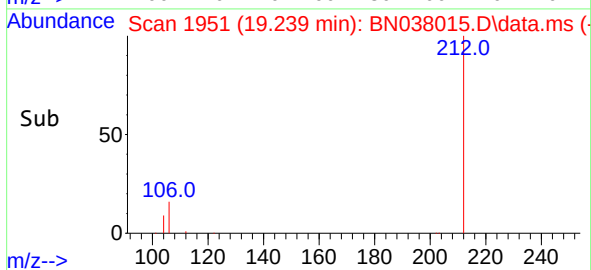
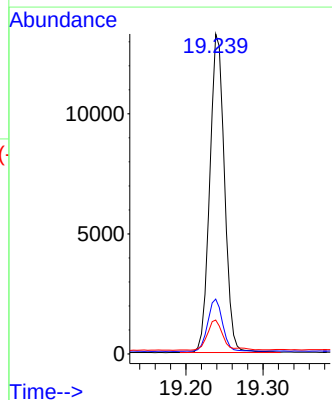
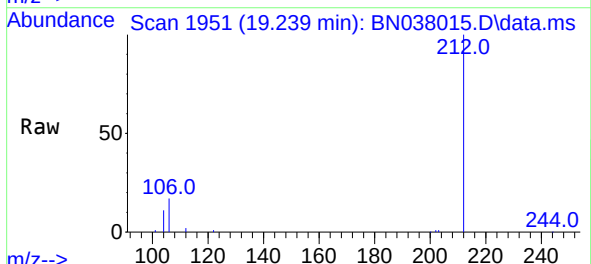
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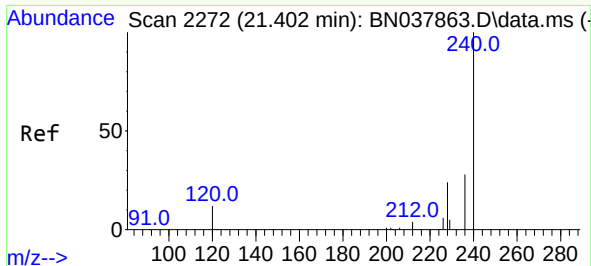
Tgt Ion:188 Resp: 22305
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 7.6 11.4



#27
Fluoranthene-d10
Concen: 0.315 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038015.D
Acq: 06 Oct 2025 18:35

Tgt Ion:212 Resp: 17648
Ion Ratio Lower Upper
212 100
106 16.6 12.6 19.0
104 9.5 7.4 11.0

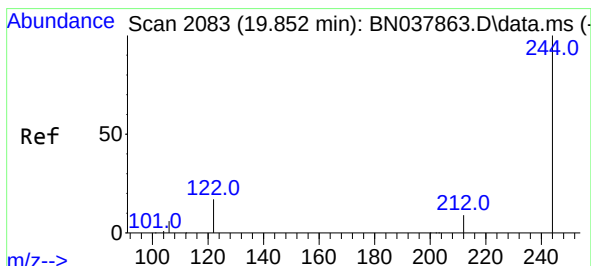
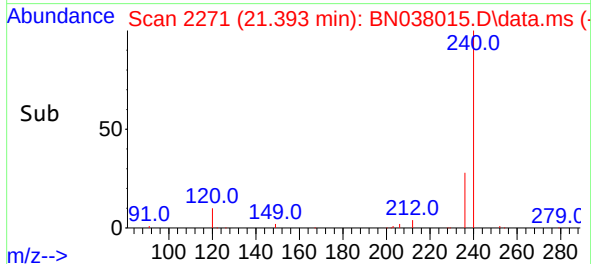
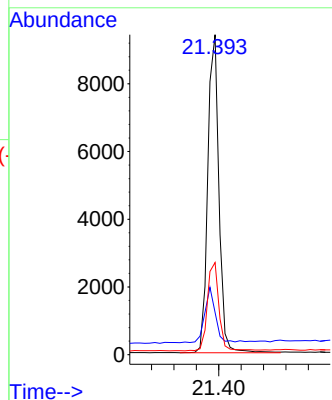
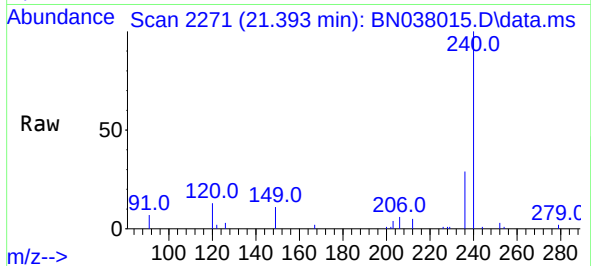




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038015.D
Acq: 06 Oct 2025 18:35

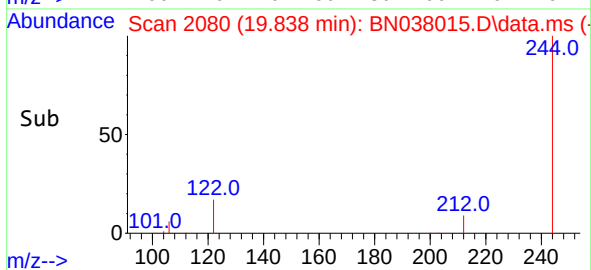
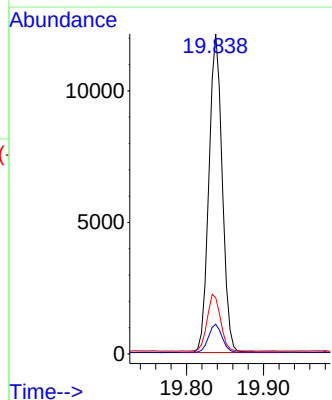
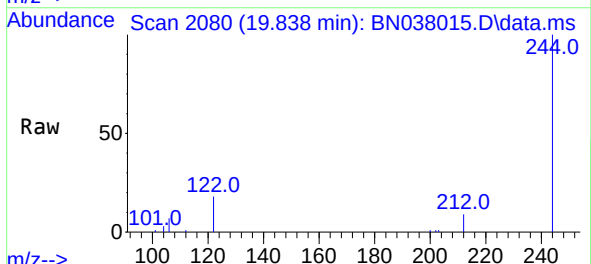
Instrument :
BNA_N
ClientSampleId :
TT192D1-20250922

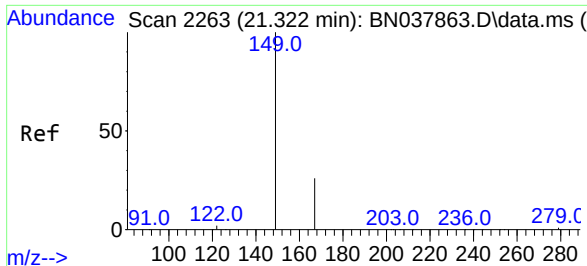
Tgt Ion:240 Resp: 12979
Ion Ratio Lower Upper
240 100
120 13.2 11.4 17.2
236 28.8 23.0 34.6



#31
Terphenyl-d14
Concen: 0.563 ng
RT: 19.838 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038015.D
Acq: 06 Oct 2025 18:35

Tgt Ion:244 Resp: 14563
Ion Ratio Lower Upper
244 100
212 9.3 7.6 11.4
122 17.6 13.9 20.9

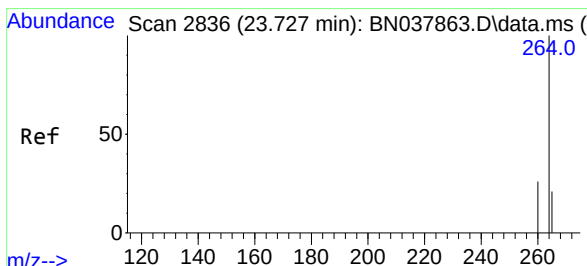
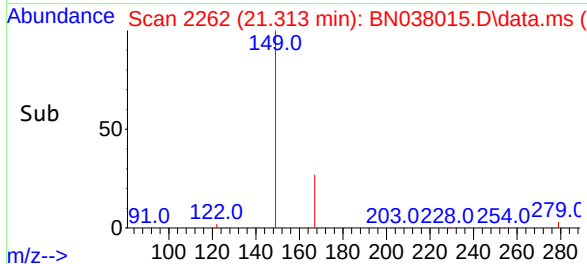
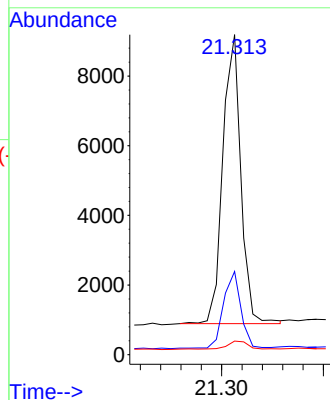
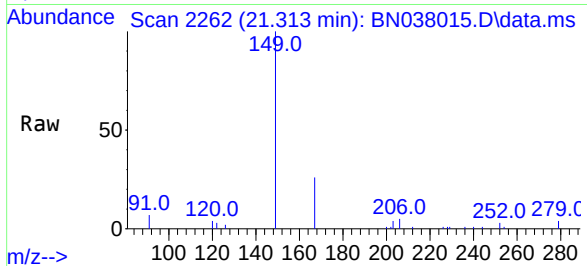




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.569 ng
RT: 21.313 min Scan# 2131
Delta R.T. -0.009 min
Lab File: BN038015.D
Acq: 06 Oct 2025 18:35

Instrument :
BNA_N
ClientSampleId :
TT192D1-20250922

Tgt Ion:149 Resp: 10214
Ion Ratio Lower Upper
149 100
167 25.4 20.4 30.6
279 3.1 2.4 3.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.712 min Scan# 2831
Delta R.T. -0.015 min
Lab File: BN038015.D
Acq: 06 Oct 2025 18:35

Tgt Ion:264 Resp: 3373
Ion Ratio Lower Upper
264 100
260 32.7 21.5 32.3#
265 262.3 53.8 80.6#

