

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038014.D
 Acq On : 06 Oct 2025 17:59
 Operator : RC/JU
 Sample : Q3194-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT192D2-20250922

Quant Time: Oct 06 18:30:20 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)

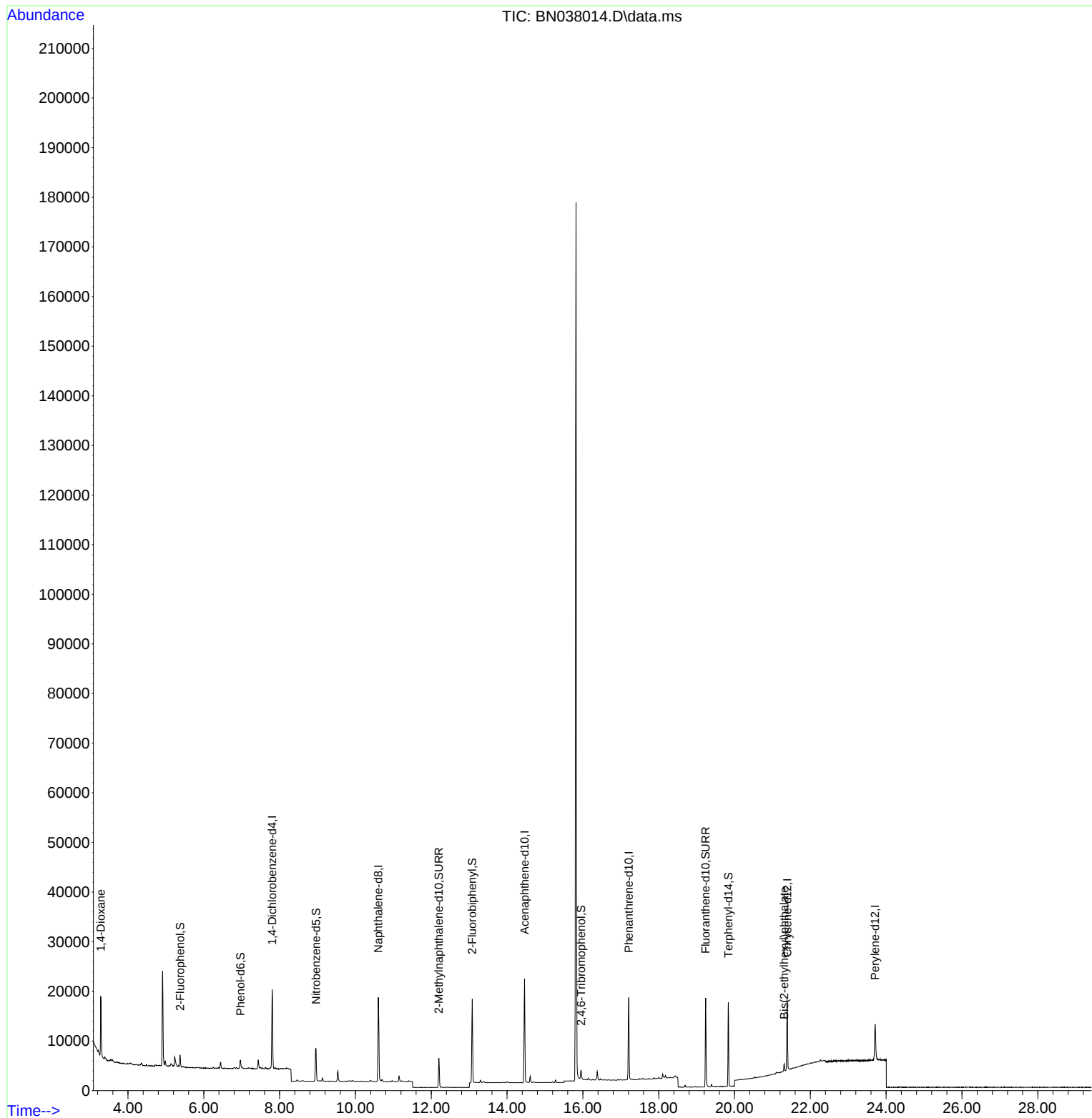
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	7711	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	21865	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	11194	0.400	ng	-0.01
19) Phenanthrene-d10	17.210	188	22381	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	14037	0.400	ng	0.00
35) Perylene-d12	23.709	264	10467	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	1964	0.112	ng	0.00
5) Phenol-d6	6.966	99	1509	0.065	ng	0.00
8) Nitrobenzene-d5	8.961	82	5662	0.339	ng	-0.01
11) 2-Methylnaphthalene-d10	12.202	152	7801	0.257	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	1119	0.264	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	14465	0.316	ng	-0.01
27) Fluoranthene-d10	19.238	212	19093	0.339	ng	-0.01
31) Terphenyl-d14	19.838	244	15788	0.565	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.283	88	7352	0.939	ng	96
34) Bis(2-ethylhexyl)phtha...	21.313	149	1659	0.085	ng	# 94

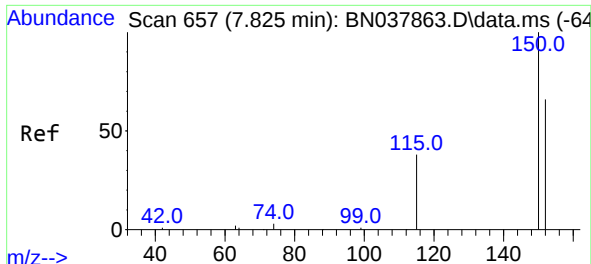
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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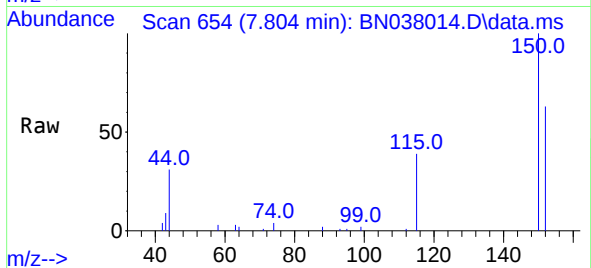
Quant Time: Oct 06 18:30:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



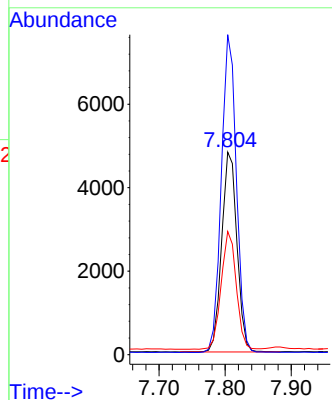
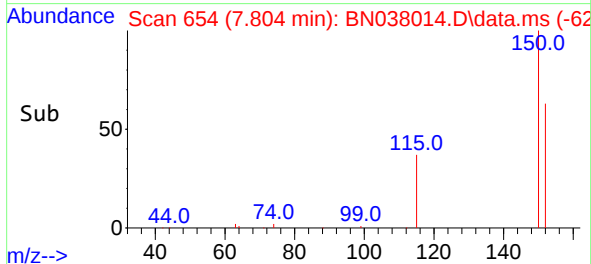


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

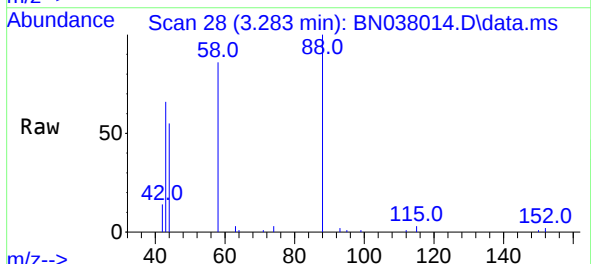
Instrument :
BNA_N
ClientSampleId :
TT192D2-20250922



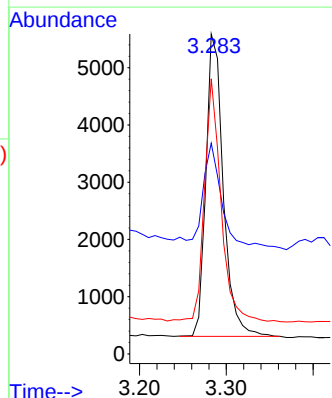
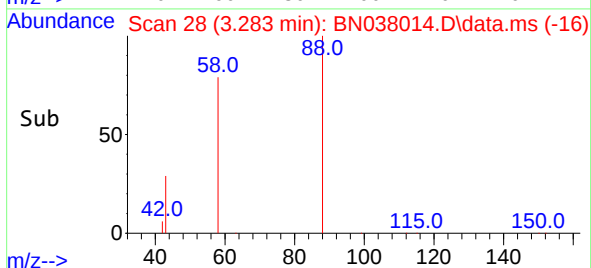
Tgt Ion:152 Resp: 7711
Ion Ratio Lower Upper
152 100
150 157.9 121.0 181.4
115 60.8 47.4 71.0



#2
1,4-Dioxane
Concen: 0.939 ng
RT: 3.283 min Scan# 28
Delta R.T. -0.015 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59



Tgt Ion: 88 Resp: 7352
Ion Ratio Lower Upper
88 100
43 36.7 26.6 39.8
58 76.4 58.9 88.3

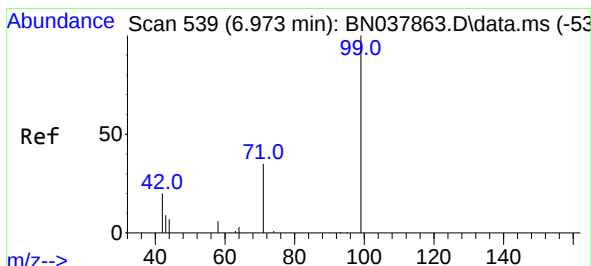
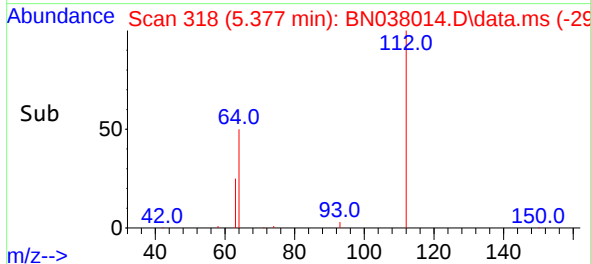
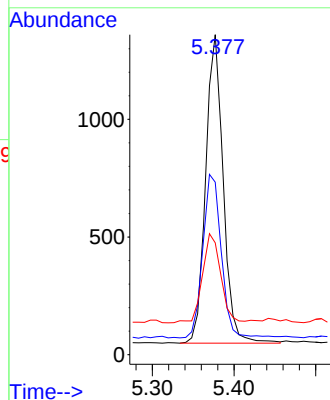
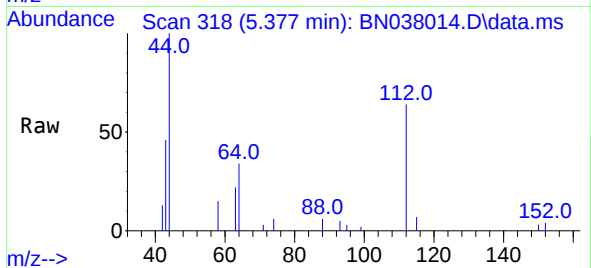




#4
2-Fluorophenol
Concen: 0.112 ng
RT: 5.377 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

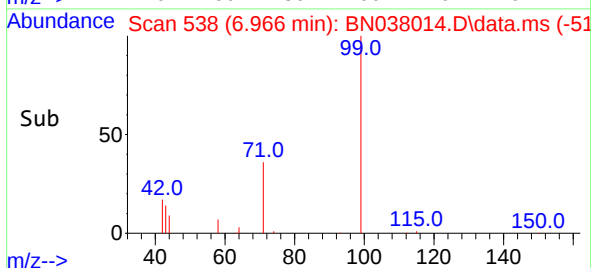
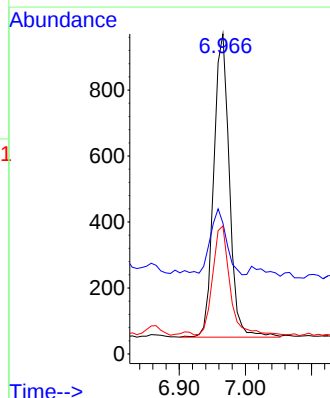
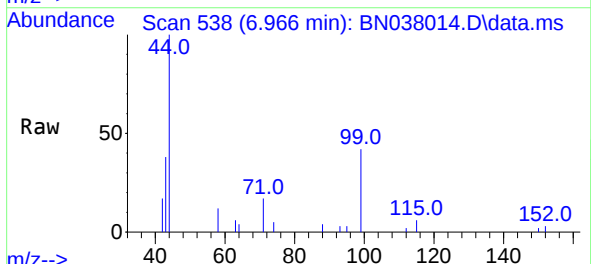
Instrument :
BNA_N
ClientSampleId :
TT192D2-20250922

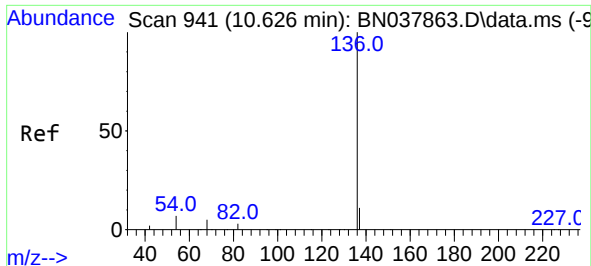
Tgt Ion:112 Resp: 1964
Ion Ratio Lower Upper
112 100
64 56.5 44.6 66.8
63 30.0 24.9 37.3



#5
Phenol-d6
Concen: 0.065 ng
RT: 6.966 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Tgt Ion: 99 Resp: 1509
Ion Ratio Lower Upper
99 100
42 21.9 17.2 25.8
71 40.5 27.3 40.9

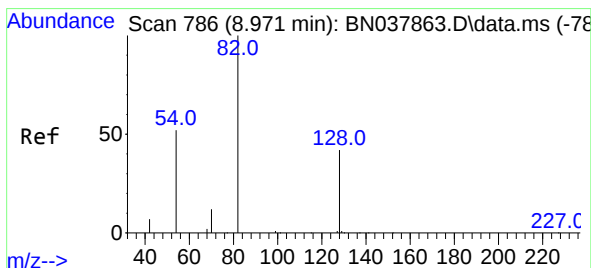
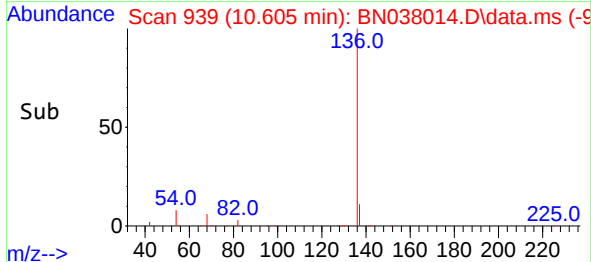
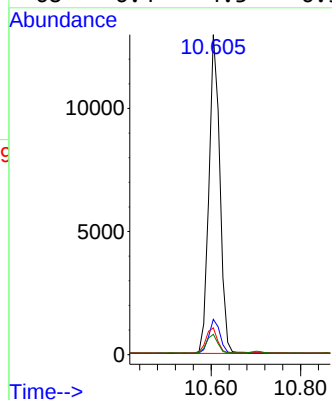
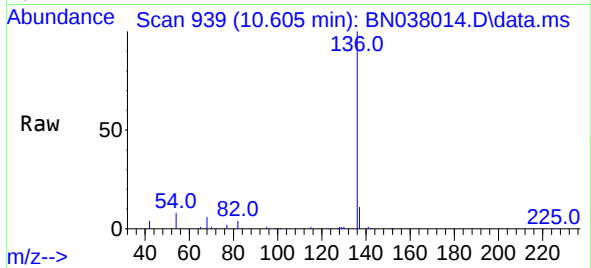




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

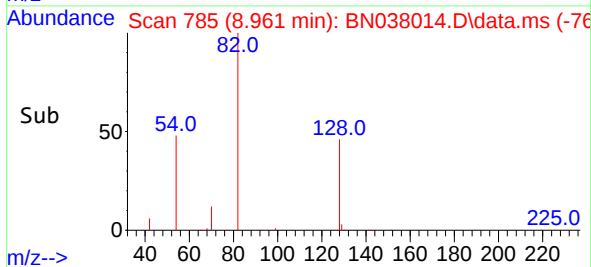
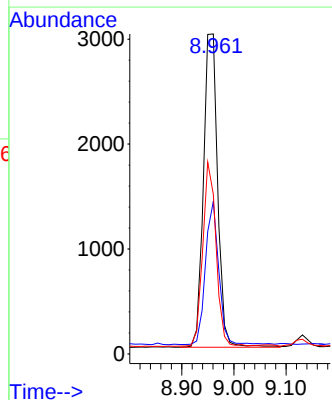
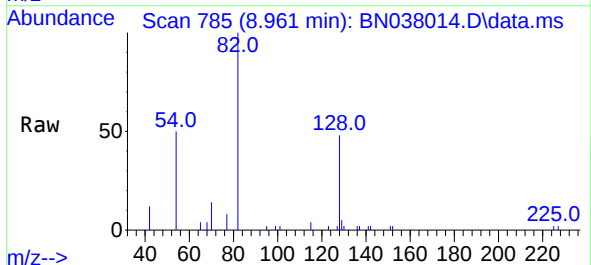
Instrument :
BNA_N
ClientSampleId :
TT192D2-20250922

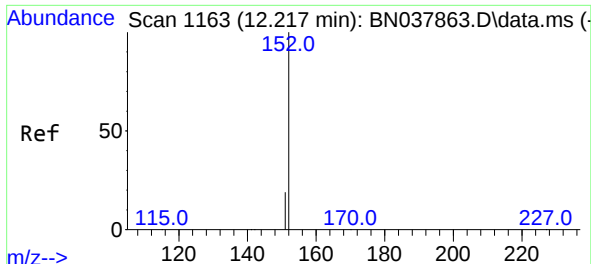
Tgt Ion:	136	Resp:	21865
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.4	5.8	8.8
68	6.4	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Tgt Ion:	82	Resp:	5662
Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.8	52.2
54	49.9	42.2	63.2

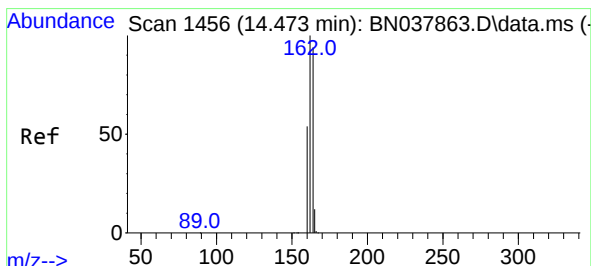
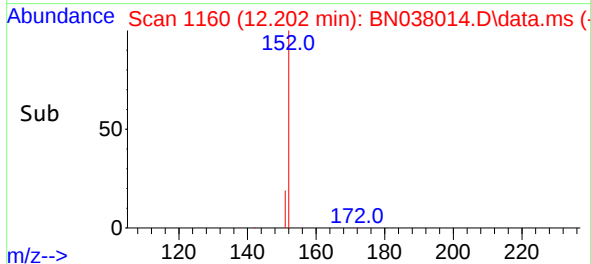
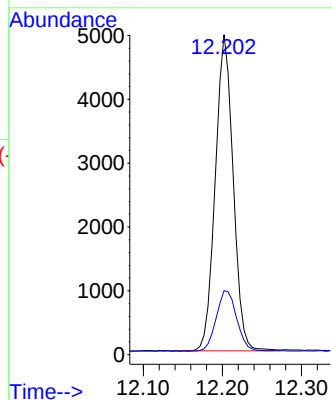
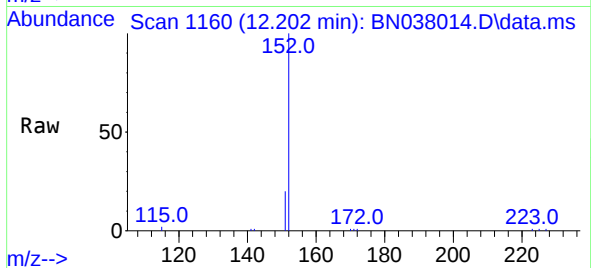




#11
2-Methylnaphthalene-d10
Concen: 0.257 ng
RT: 12.202 min Scan# 1160
Delta R.T. -0.015 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

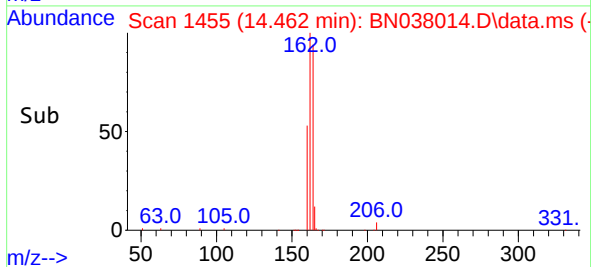
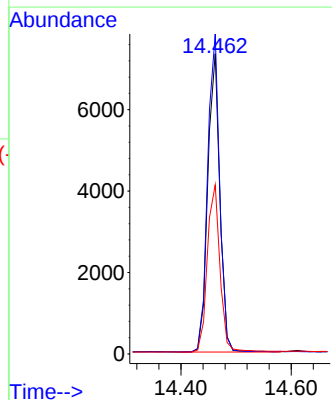
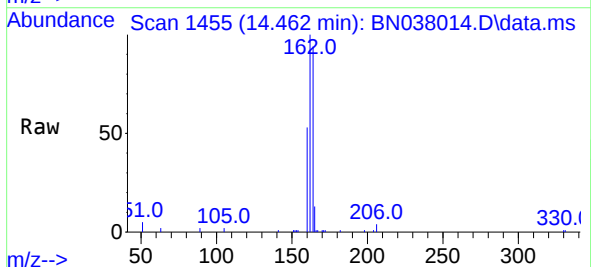
Instrument :
BNA_N
ClientSampleId :
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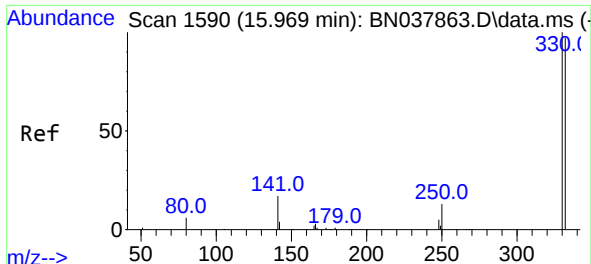
Tgt Ion:152 Resp: 7801
Ion Ratio Lower Upper
152 100
151 22.1 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Tgt Ion:164 Resp: 11194
Ion Ratio Lower Upper
164 100
162 106.5 84.8 127.2
160 56.3 46.1 69.1

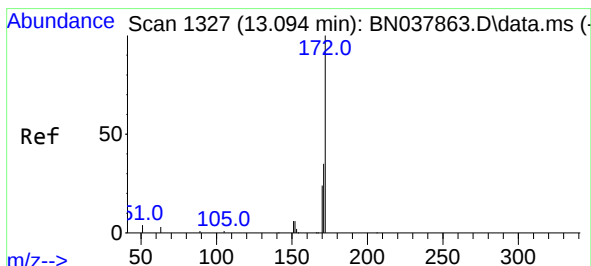
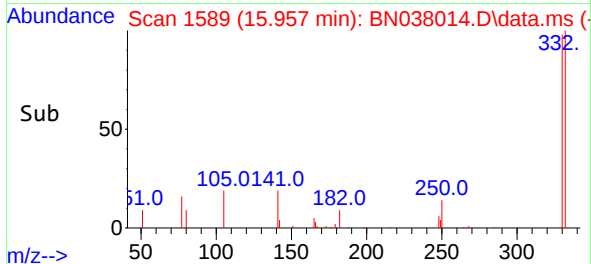
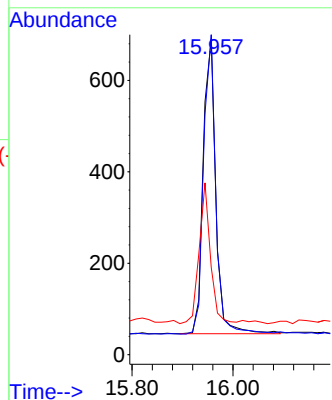
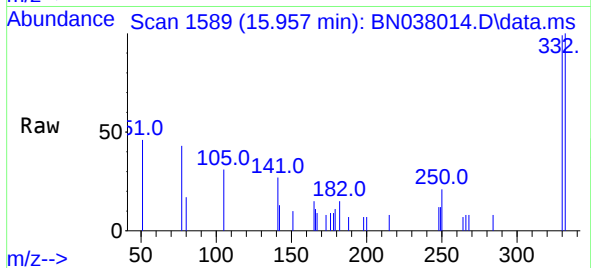




#14
2,4,6-Tribromophenol
Concen: 0.264 ng
RT: 15.957 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

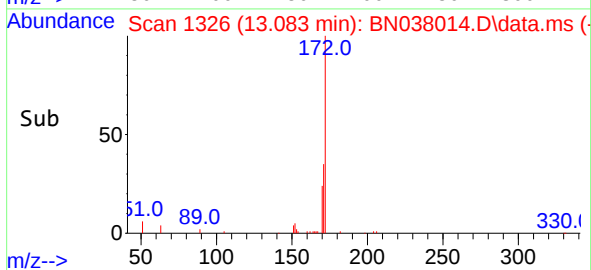
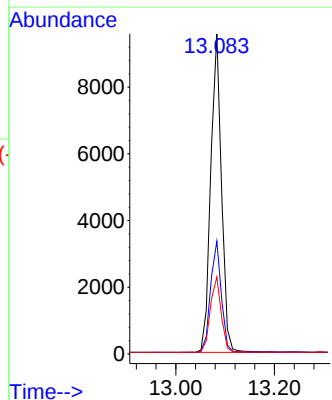
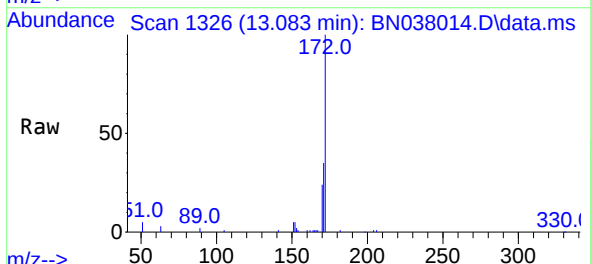
Instrument :
BNA_N
ClientSampleId :
TT192D2-20250922

Tgt Ion:	330	Resp:	1119
Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.2	115.8
141	42.7	37.2	55.8



#15
2-Fluorobiphenyl
Concen: 0.316 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

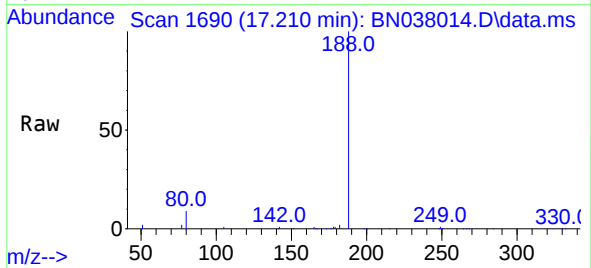
Tgt Ion:	172	Resp:	14465
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	24.1	19.7	29.5



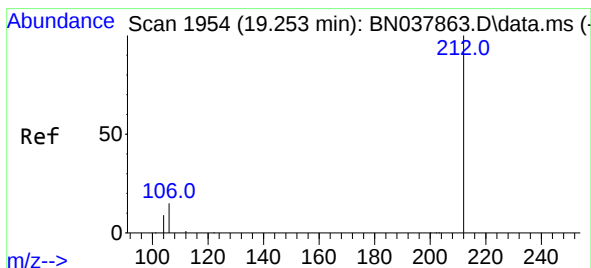
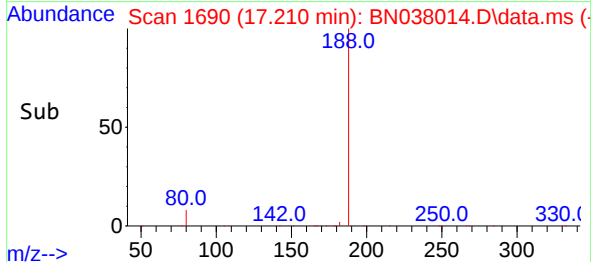
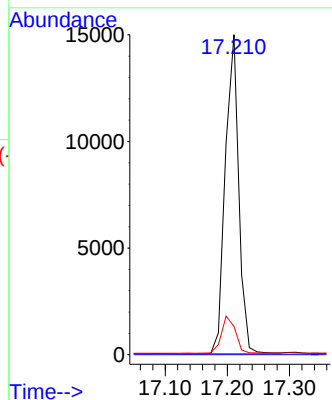


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Instrument :
BNA_N
ClientSampleId :
TT192D2-20250922

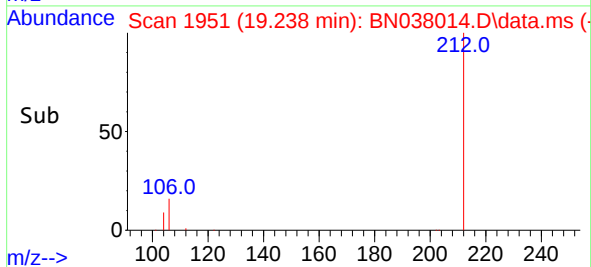
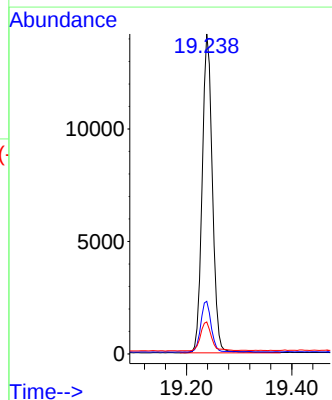
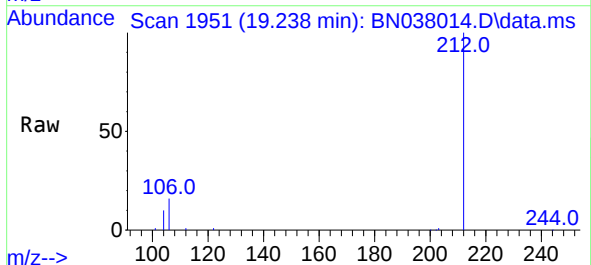


Tgt Ion:188 Resp: 22381
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 7.6 11.4



#27
Fluoranthene-d10
Concen: 0.339 ng
RT: 19.238 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Tgt Ion:212 Resp: 19093
Ion Ratio Lower Upper
212 100
106 16.3 12.6 19.0
104 9.8 7.4 11.0

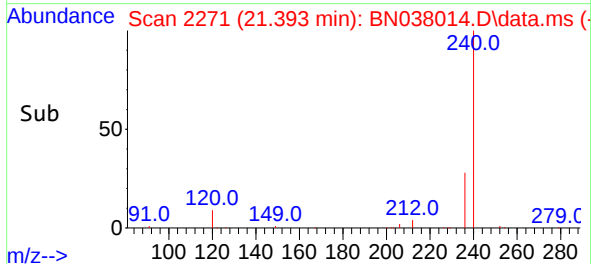
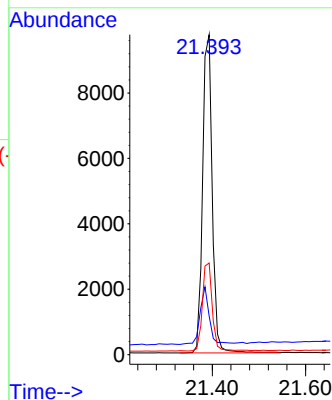
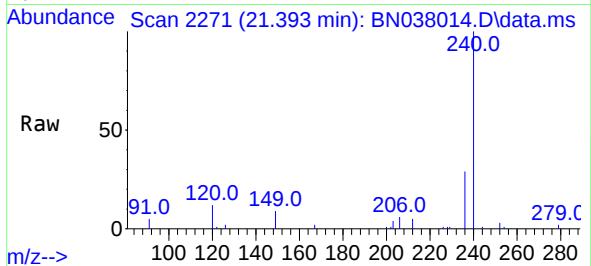




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

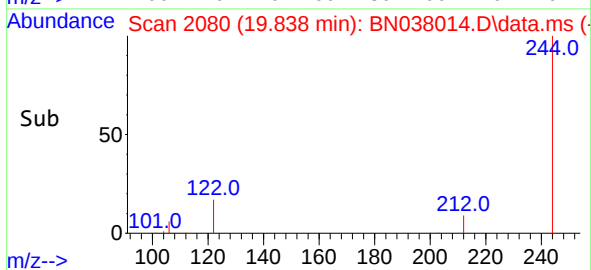
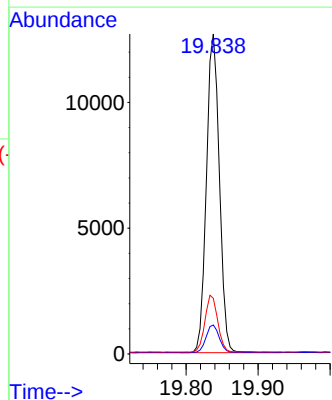
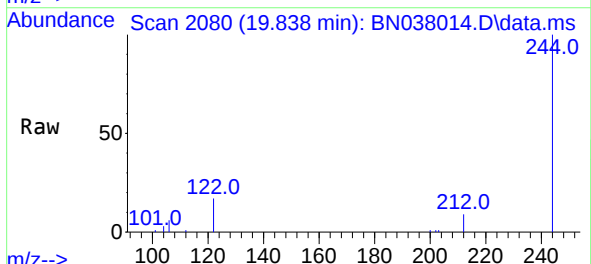
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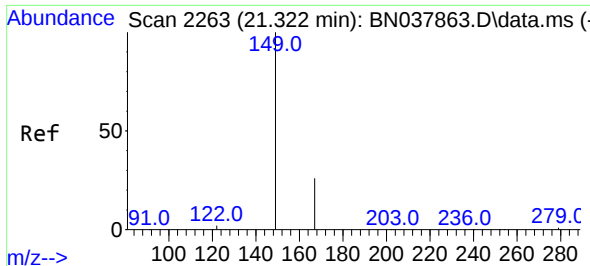
Tgt Ion:240	Resp:	14037
Ion Ratio	Lower	Upper
240	100	
120	12.1	11.4 17.2
236	28.7	23.0 34.6



#31
Terphenyl-d14
Concen: 0.565 ng
RT: 19.838 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Tgt Ion:244	Resp:	15788
Ion Ratio	Lower	Upper
244	100	
212	9.1	7.6 11.4
122	17.4	13.9 20.9

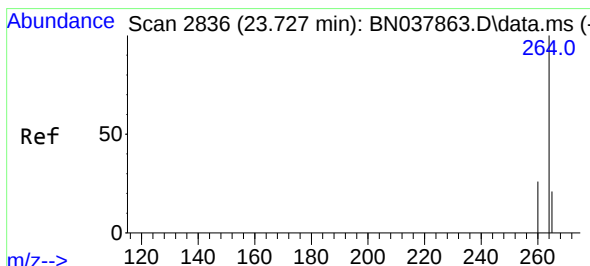
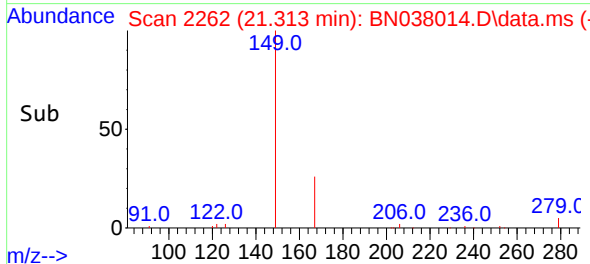
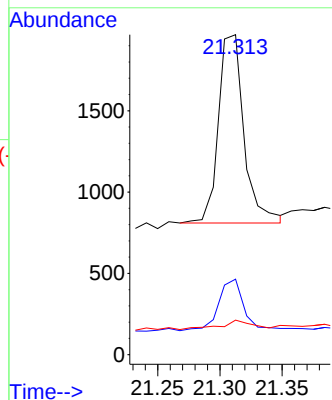
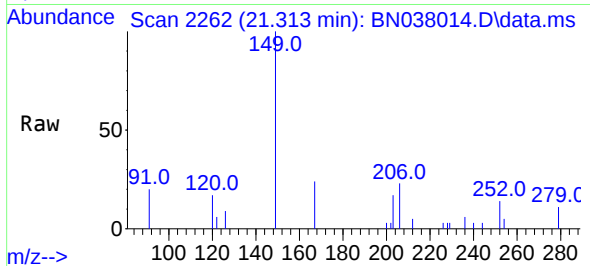




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.085 ng
RT: 21.313 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Instrument :
BNA_N
ClientSampleId :
TT192D2-20250922

Tgt Ion:149 Resp: 1659
Ion Ratio Lower Upper
149 100
167 28.1 20.4 30.6
279 6.1 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.709 min Scan# 2830
Delta R.T. -0.018 min
Lab File: BN038014.D
Acq: 06 Oct 2025 17:59

Tgt Ion:264 Resp: 10467
Ion Ratio Lower Upper
264 100
260 27.1 21.5 32.3
265 100.3 53.8 80.6#

