

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038027.D
 Acq On : 07 Oct 2025 02:33
 Operator : RC/JU
 Sample : Q3194-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB01-20250924

Quant Time: Oct 07 04:16:53 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)

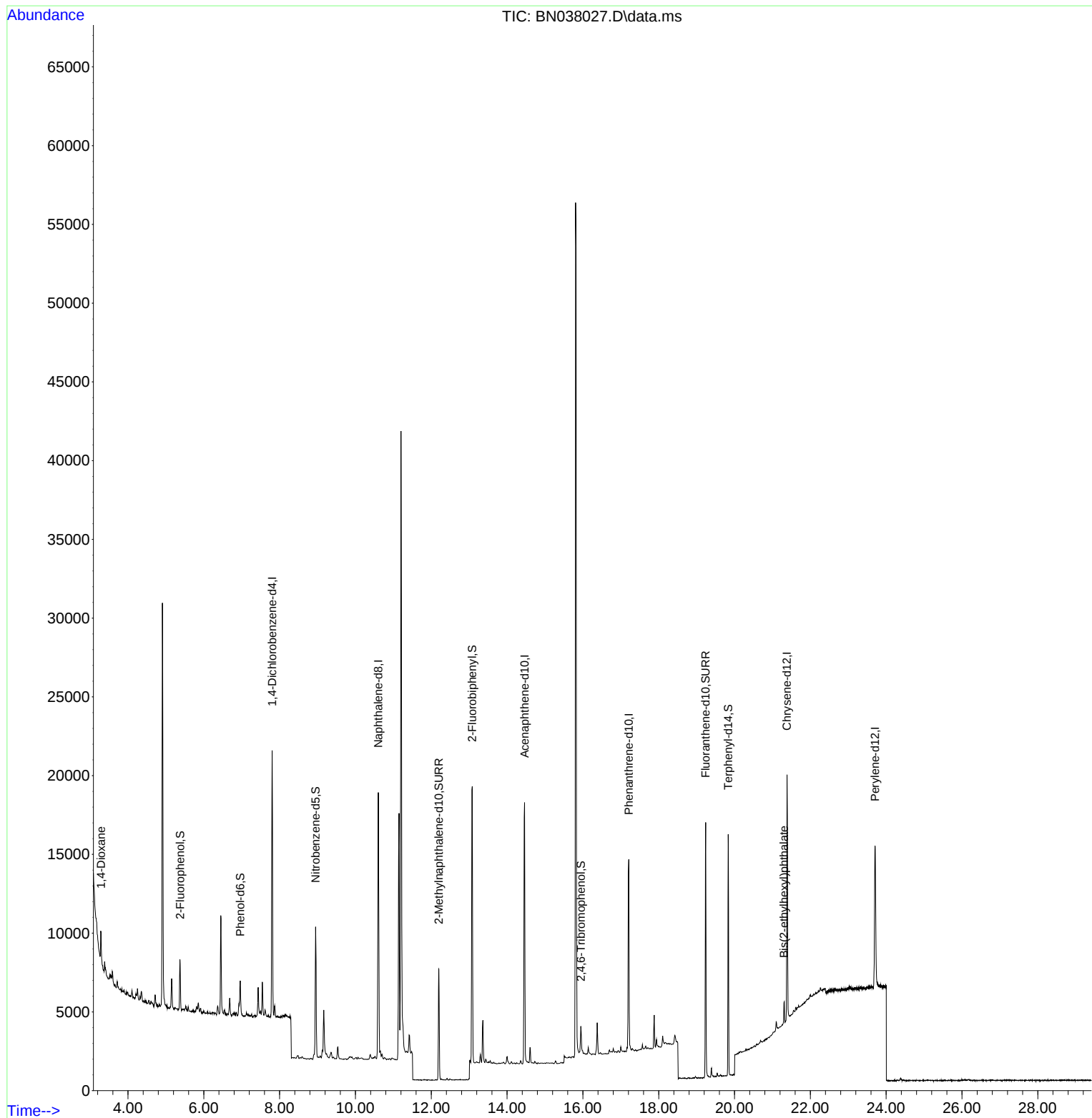
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	7999	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	21641	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	9946	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	18322	0.400	ng	-0.01
29) Chrysene-d12	21.384	240	14348	0.400	ng	#-0.02
35) Perylene-d12	23.706	264	13560	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2539	0.139	ng	0.00
5) Phenol-d6	6.959	99	1806	0.075	ng	-0.01
8) Nitrobenzene-d5	8.950	82	6413	0.389	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	9621	0.320	ng	-0.02
14) 2,4,6-Tribromophenol	15.945	330	1068	0.283	ng	-0.02
15) 2-Fluorobiphenyl	13.083	172	16672	0.409	ng	-0.01
27) Fluoranthene-d10	19.239	212	16839	0.365	ng	-0.01
31) Terphenyl-d14	19.833	244	14078	0.493	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	1008	0.124	ng	# 27
34) Bis(2-ethylhexyl)phtha...	21.304	149	1429	0.072	ng	# 97

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

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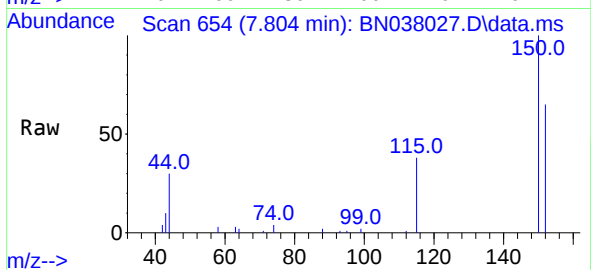
Quant Time: Oct 07 04:16:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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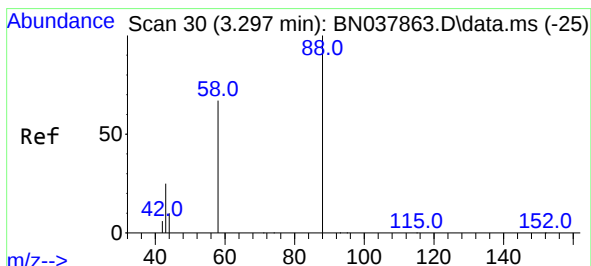
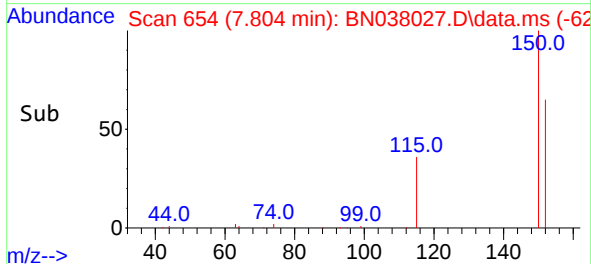
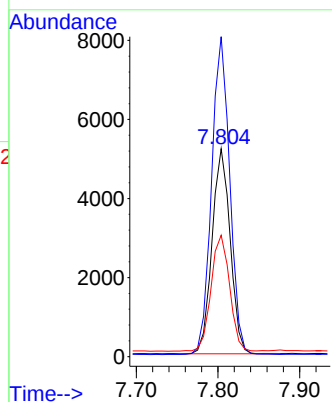


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Instrument :
BNA_N
ClientSampleId :
FB01-20250924

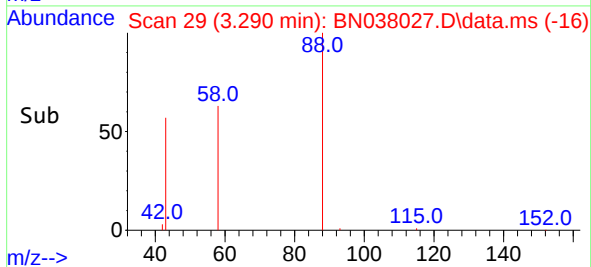
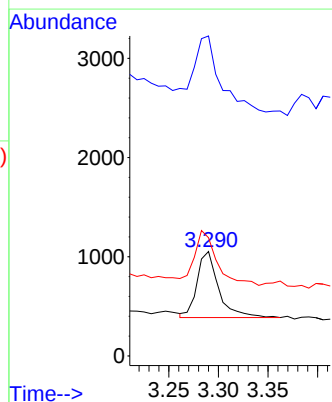
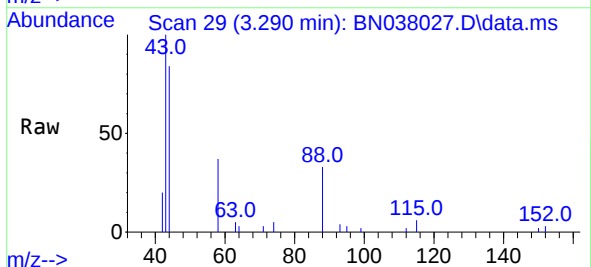


Tgt Ion:152 Resp: 7999
Ion Ratio Lower Upper
152 100
150 153.8 121.0 181.4
115 58.3 47.4 71.0

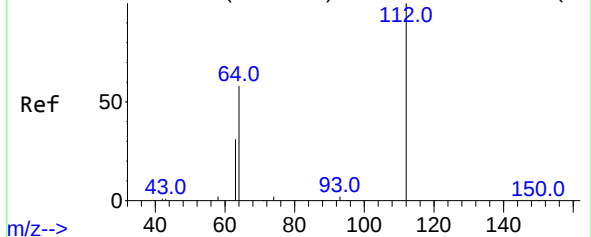


#2
1,4-Dioxane
Concen: 0.124 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Tgt Ion: 88 Resp: 1008
Ion Ratio Lower Upper
88 100
43 147.6 26.6 39.8#
58 86.4 58.9 88.3



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



#4

2-Fluorophenol

Concen: 0.139 ng

RT: 5.377 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN038027.D

Acq: 07 Oct 2025 02:33

Instrument :

BNA_N

ClientSampleId :

FB01-20250924

Tgt Ion:112 Resp: 2539

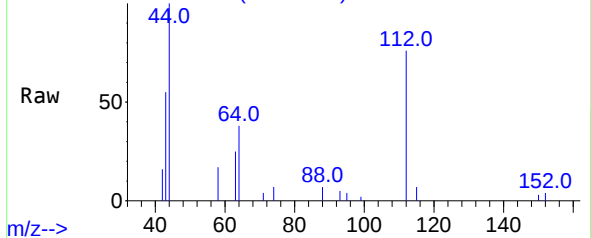
Ion Ratio Lower Upper

112 100

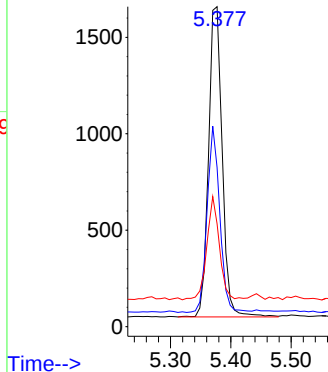
64 55.5 44.6 66.8

63 30.7 24.9 37.3

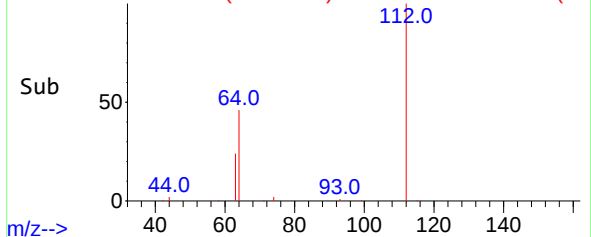
Abundance Scan 318 (5.377 min): BN038027.D\data.ms



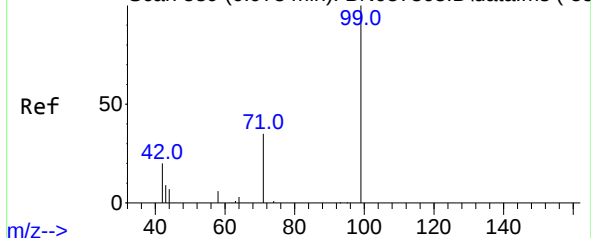
Abundance



Abundance Scan 318 (5.377 min): BN038027.D\data.ms (-29



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



#5

Phenol-d6

Concen: 0.075 ng

RT: 6.959 min Scan# 537

Delta R.T. -0.014 min

Lab File: BN038027.D

Acq: 07 Oct 2025 02:33

Tgt Ion: 99 Resp: 1806

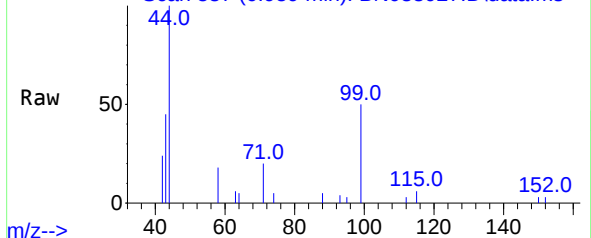
Ion Ratio Lower Upper

99 100

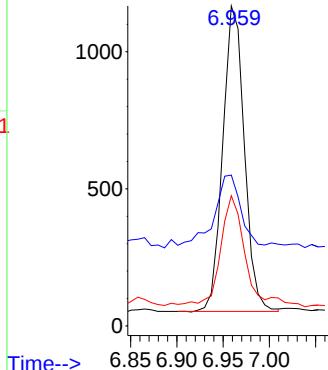
42 30.9 17.2 25.8#

71 42.8 27.3 40.9#

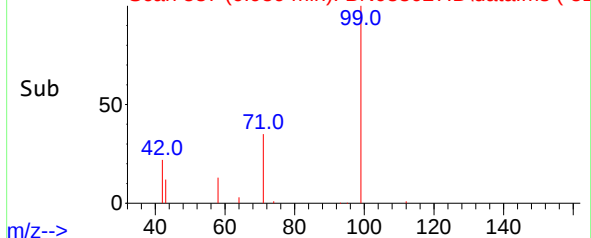
Abundance Scan 537 (6.959 min): BN038027.D\data.ms

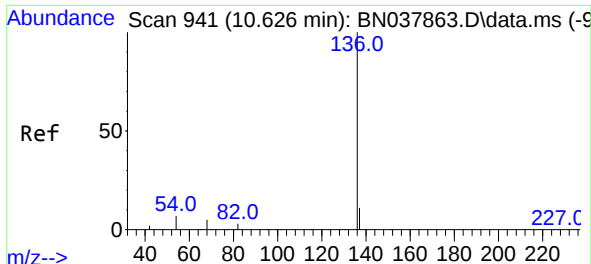


Abundance



Abundance Scan 537 (6.959 min): BN038027.D\data.ms (-51

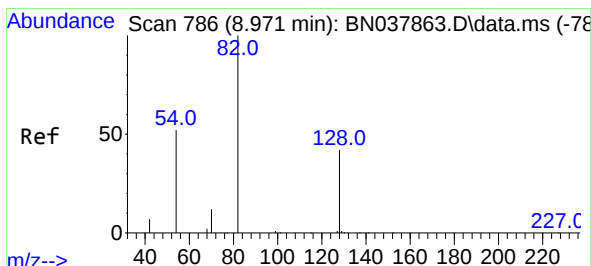
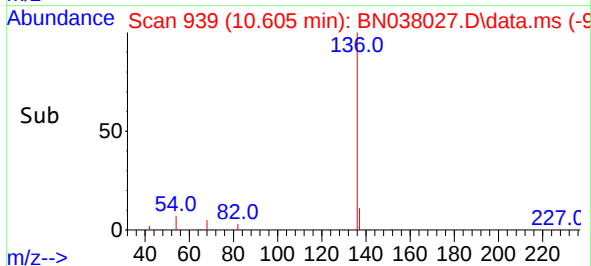
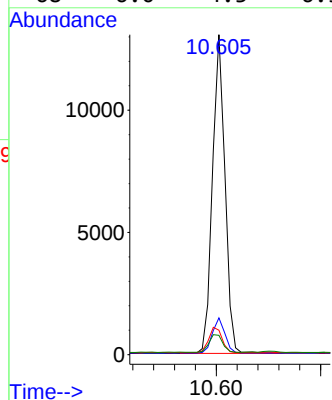
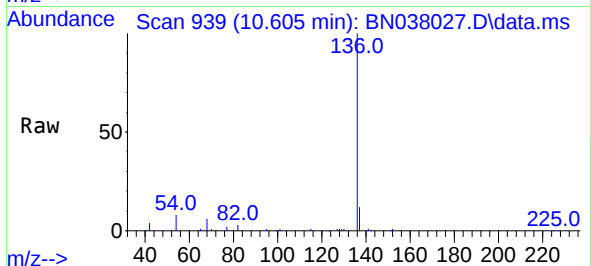




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

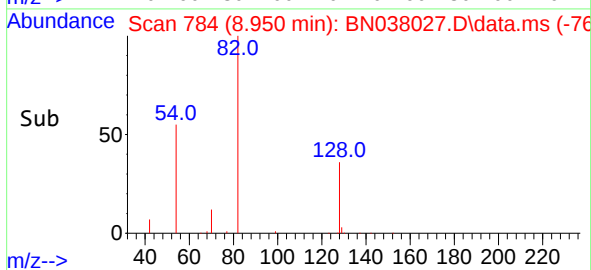
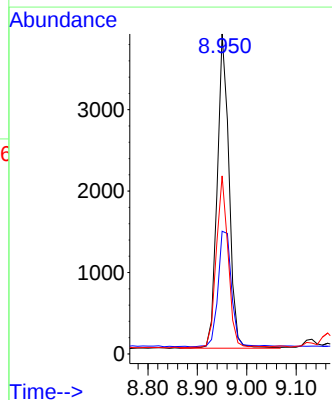
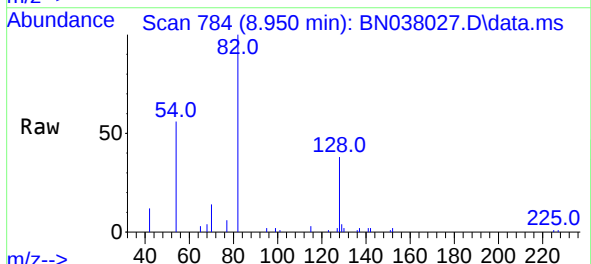
Instrument :
BNA_N
ClientSampleId :
FB01-20250924

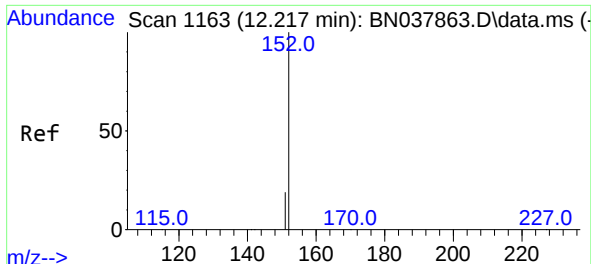
Tgt Ion:	136	Resp:	21641
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.4
54	7.6	5.8	8.8
68	6.0	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.389 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Tgt Ion:	82	Resp:	6413
Ion Ratio	Lower	Upper	
82	100		
128	38.3	34.8	52.2
54	55.7	42.2	63.2

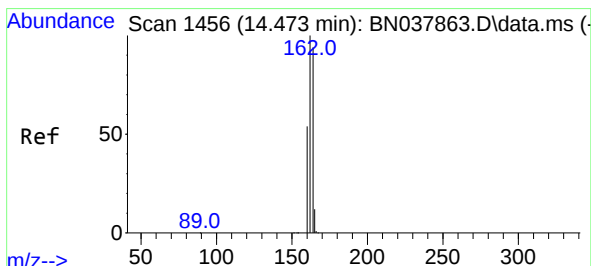
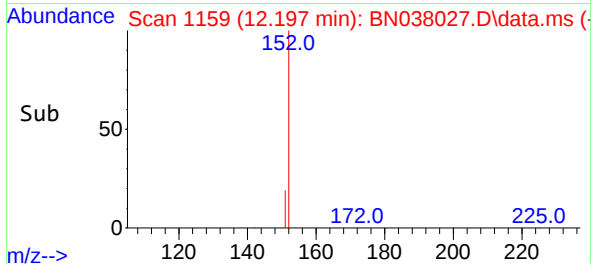
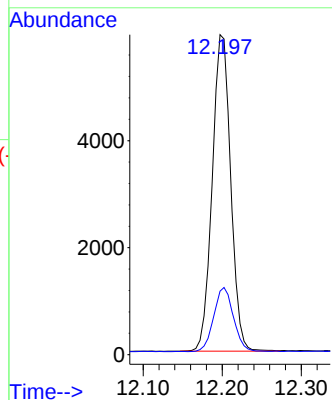
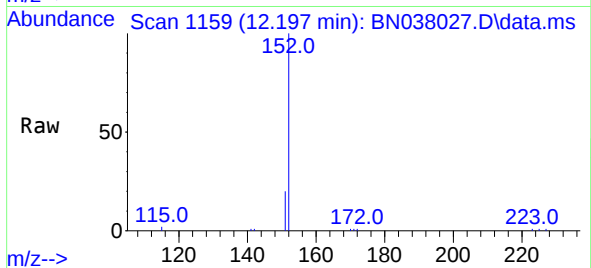




#11
2-Methylnaphthalene-d10
Concen: 0.320 ng
RT: 12.197 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

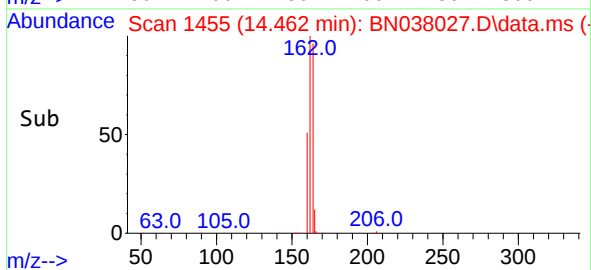
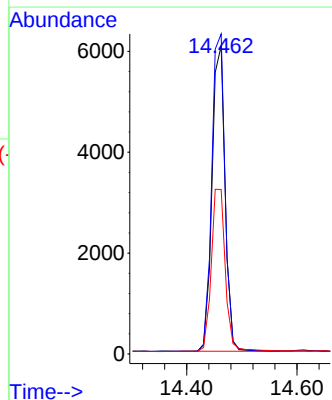
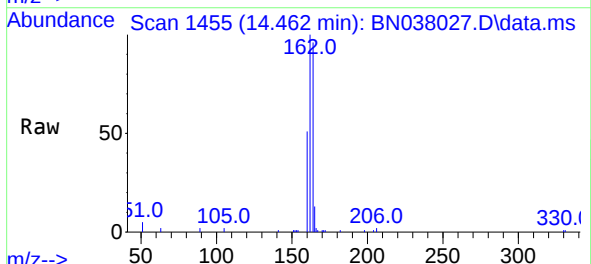
Instrument :
BNA_N
ClientSampleId :
FB01-20250924

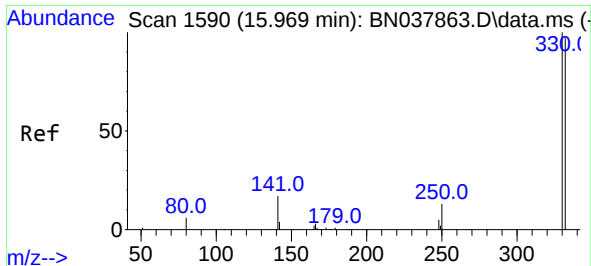
Tgt Ion:152 Resp: 9621
Ion Ratio Lower Upper
152 100
151 21.7 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

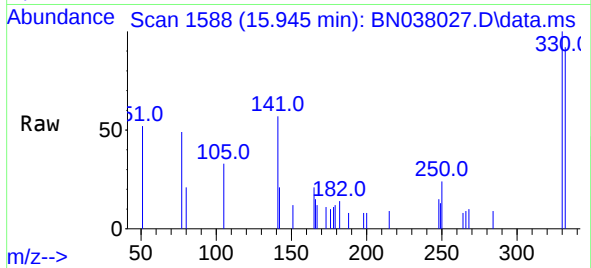
Tgt Ion:164 Resp: 9946
Ion Ratio Lower Upper
164 100
162 103.8 84.8 127.2
160 53.4 46.1 69.1



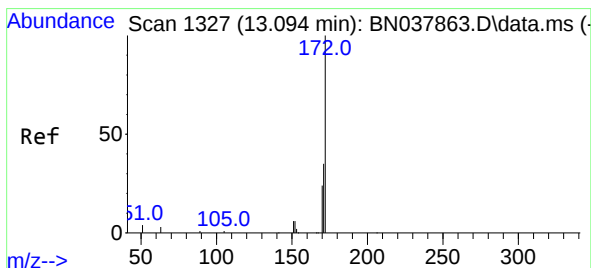
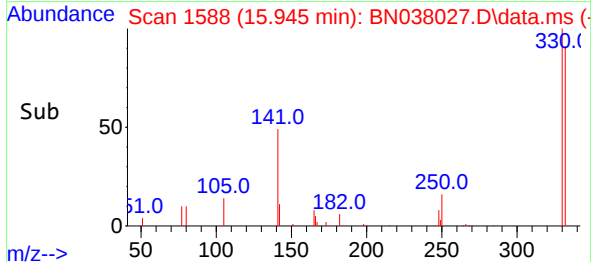
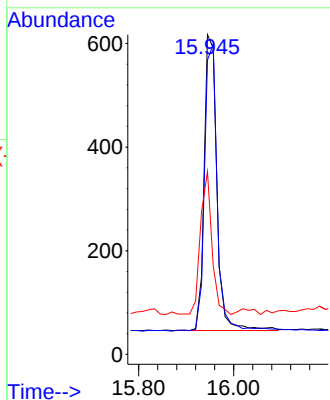


#14
2,4,6-Tribromophenol
Concen: 0.283 ng
RT: 15.945 min Scan# 1588
Delta R.T. -0.024 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Instrument :
BNA_N
ClientSampleId :
FB01-20250924

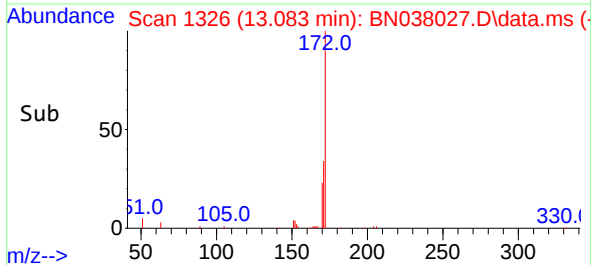
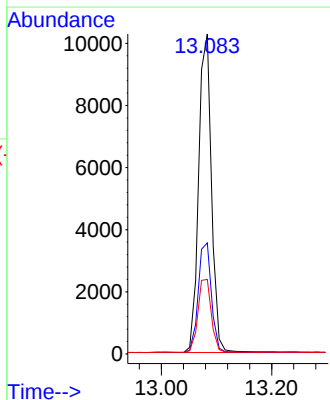
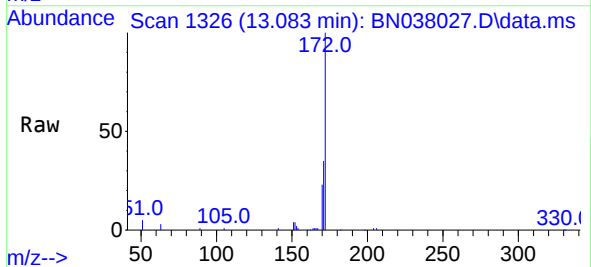


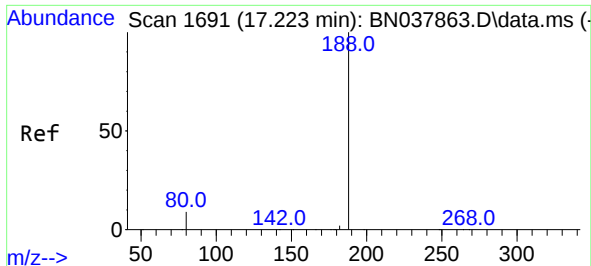
Tgt Ion:330 Resp: 1068
Ion Ratio Lower Upper
330 100
332 97.4 77.2 115.8
141 43.4 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Tgt Ion:172 Resp: 16672
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 23.3 19.7 29.5

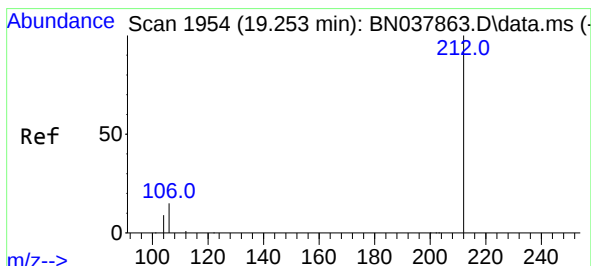
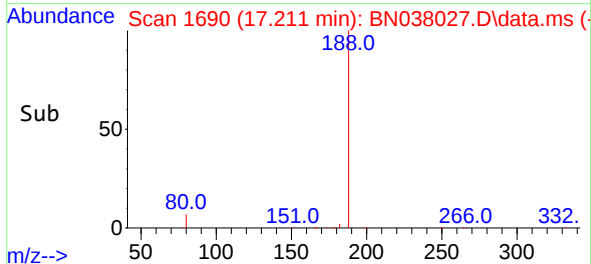
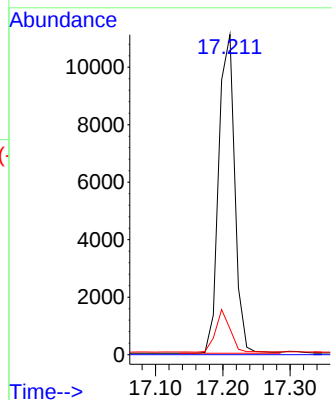
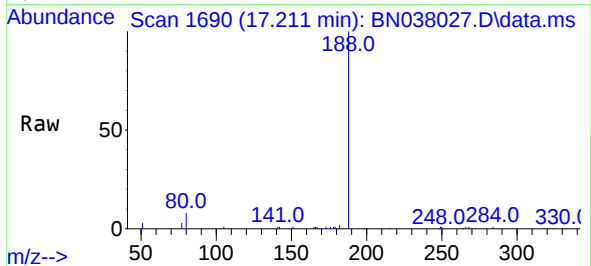




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

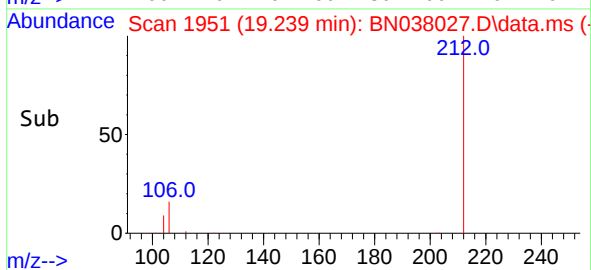
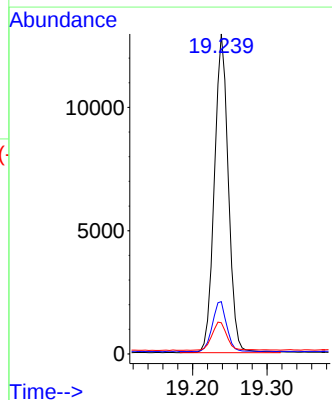
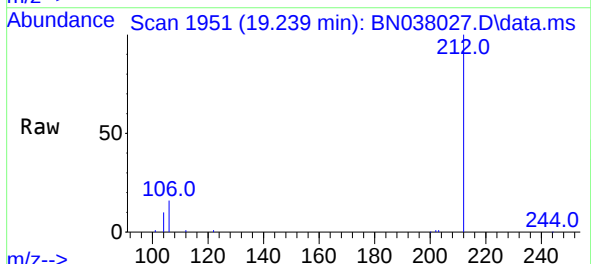
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BNA_N
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FB01-20250924

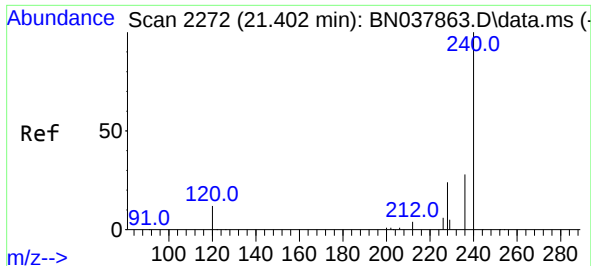
Tgt Ion:188 Resp: 18322
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 7.6 11.4



#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Tgt Ion:212 Resp: 16839
Ion Ratio Lower Upper
212 100
106 16.1 12.6 19.0
104 9.6 7.4 11.0

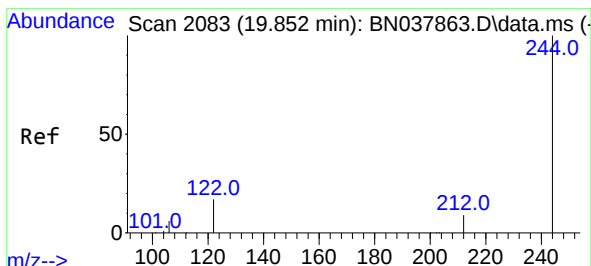
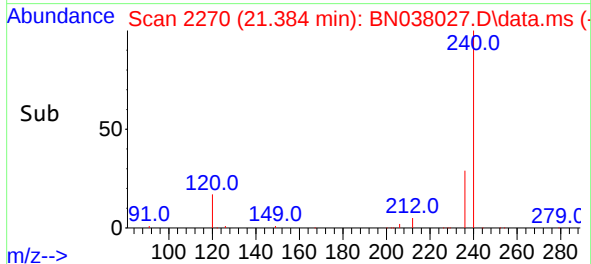
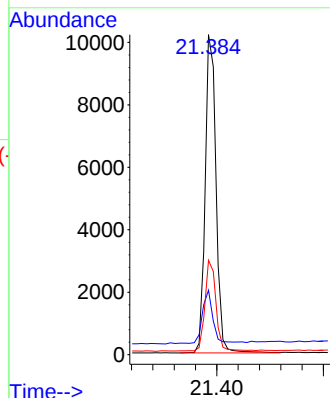
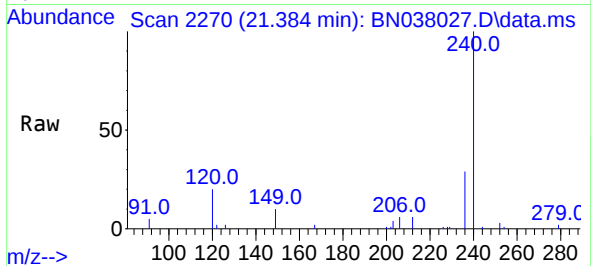




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

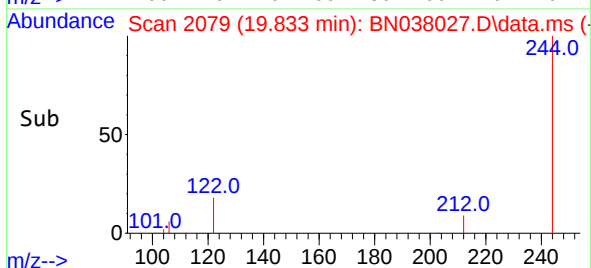
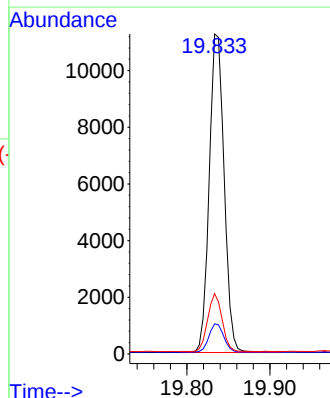
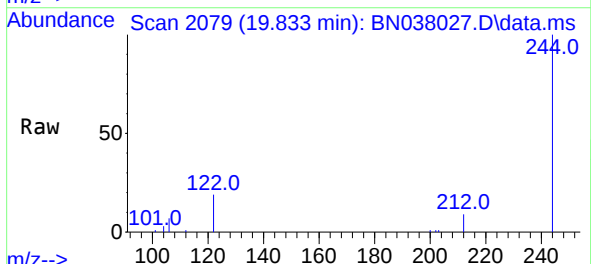
Instrument :
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FB01-20250924

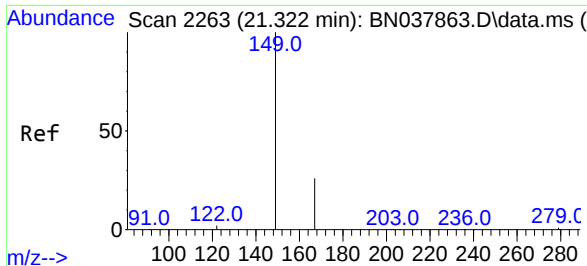
Tgt Ion:	240	Resp:	14348
Ion	Ratio	Lower	Upper
240	100		
120	20.2	11.4	17.2#
236	29.5	23.0	34.6



#31
Terphenyl-d14
Concen: 0.493 ng
RT: 19.833 min Scan# 2079
Delta R.T. -0.019 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Tgt Ion:	244	Resp:	14078
Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.6	11.4
122	18.9	13.9	20.9

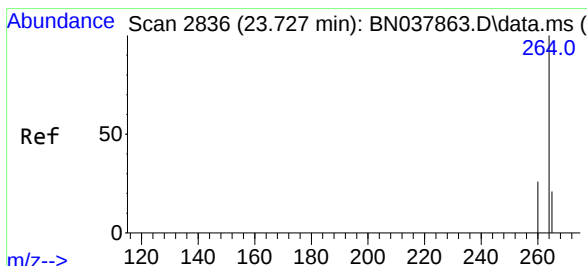
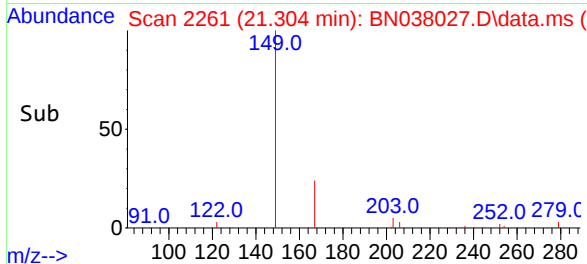
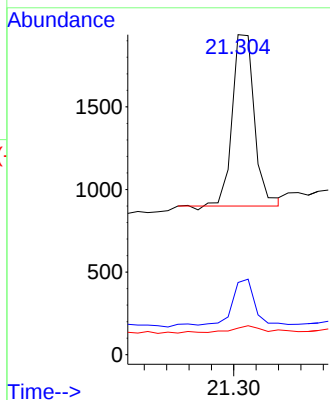
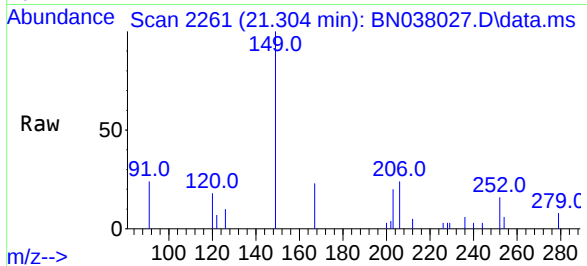




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.072 ng
RT: 21.304 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Instrument :
BNA_N
ClientSampleId :
FB01-20250924

Tgt Ion:149 Resp: 1429
Ion Ratio Lower Upper
149 100
167 26.2 20.4 30.6
279 7.4 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.706 min Scan# 2829
Delta R.T. -0.020 min
Lab File: BN038027.D
Acq: 07 Oct 2025 02:33

Tgt Ion:264 Resp: 13560
Ion Ratio Lower Upper
264 100
260 26.7 21.5 32.3
265 90.0 53.8 80.6#

