

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100725\
 Data File : BN038045.D
 Acq On : 07 Oct 2025 14:28
 Operator : RC/JU
 Sample : Q3248-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-600-602

Quant Time: Oct 07 14:53:28 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)

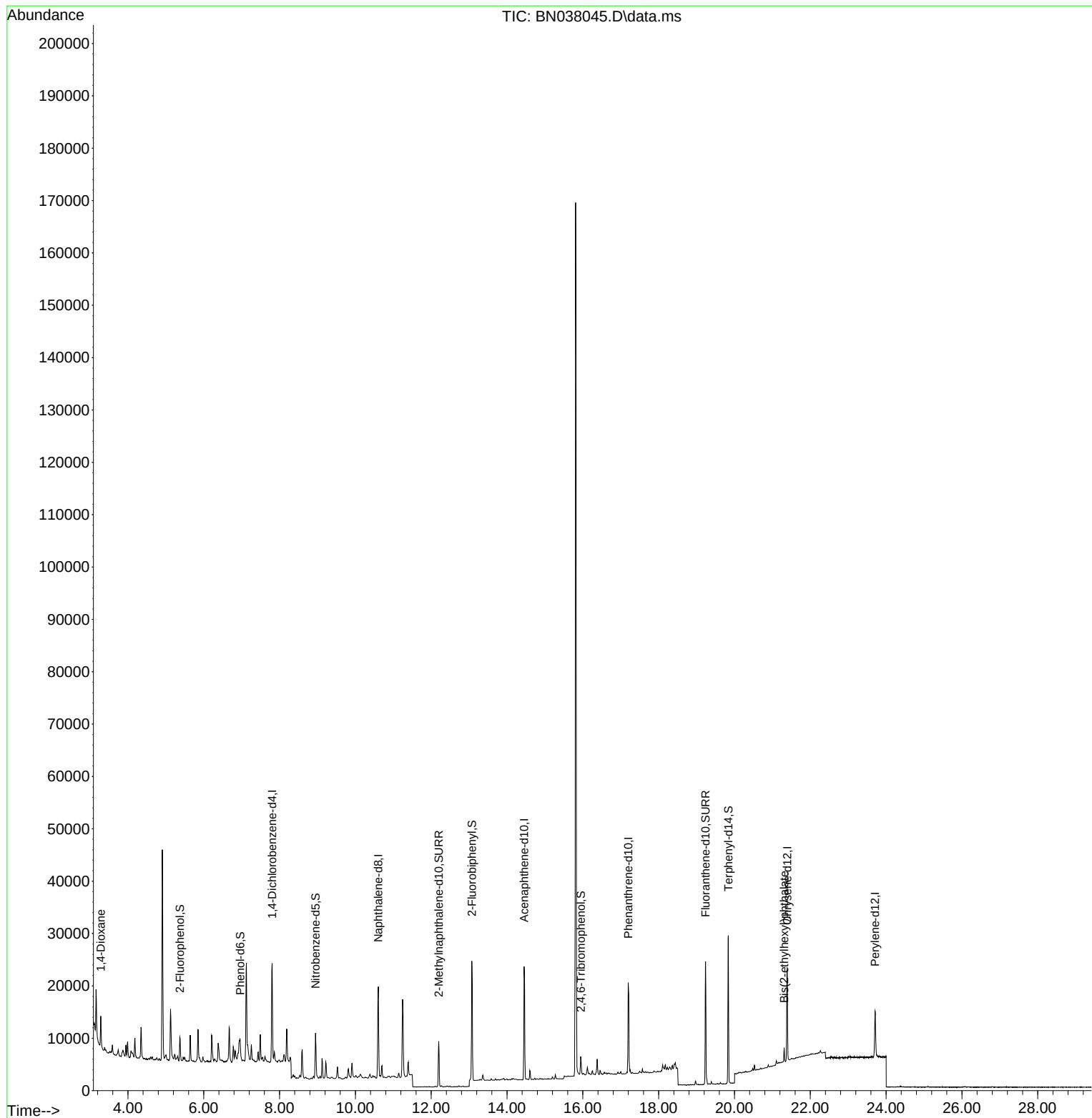
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	7966	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	23022	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	12487	0.400	ng	-0.02
19) Phenanthrene-d10	17.198	188	25250	0.400	ng	#-0.02
29) Chrysene-d12	21.393	240	17199	0.400	ng	0.00
35) Perylene-d12	23.709	264	12217	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	3408	0.187	ng	-0.01
5) Phenol-d6	6.959	99	3024	0.127	ng	-0.01
8) Nitrobenzene-d5	8.950	82	6393	0.364	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	11622	0.363	ng	-0.02
14) 2,4,6-Tribromophenol	15.945	330	1832	0.387	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	18523	0.362	ng	-0.02
27) Fluoranthene-d10	19.239	212	25053	0.394	ng	-0.01
31) Terphenyl-d14	19.838	244	25960	0.758	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	3771	0.466	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.313	149	2704	0.114	ng	# 99

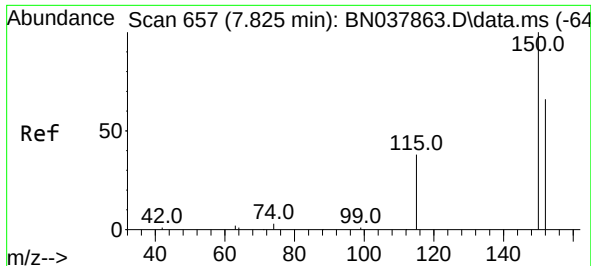
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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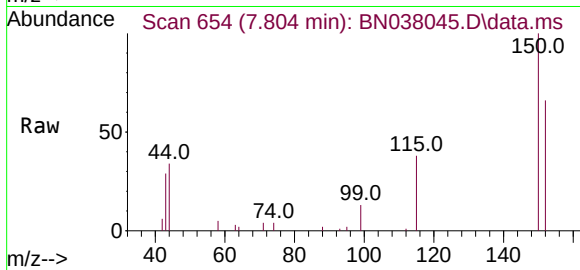
Quant Time: Oct 07 14:53:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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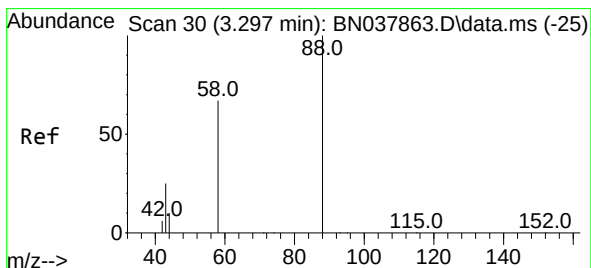
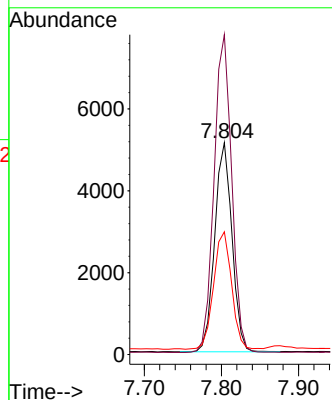
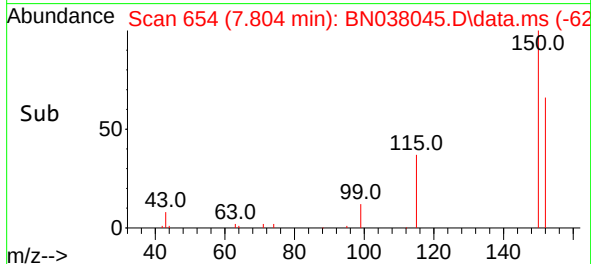


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.021 min
 Lab File: BN038045.D
 Acq: 07 Oct 2025 14:28

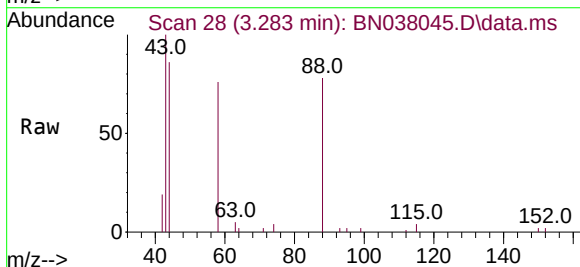
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-600-602



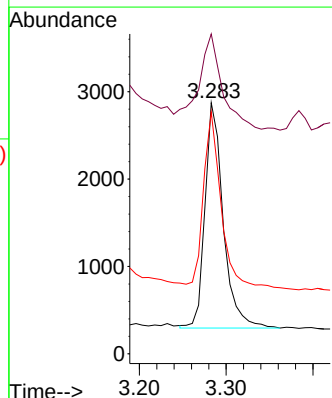
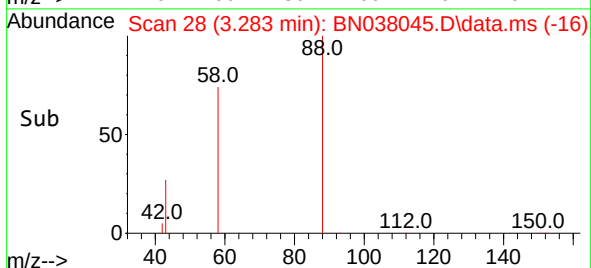
Tgt Ion: 152 Resp: 7966
 Ion Ratio Lower Upper
 152 100
 150 151.0 121.0 181.4
 115 58.0 47.4 71.0

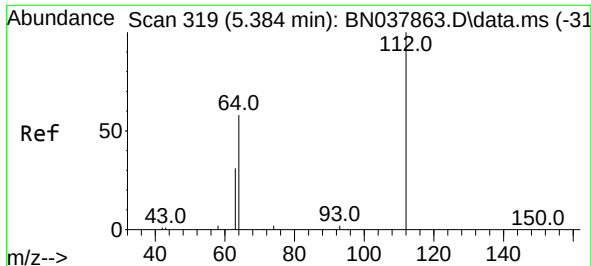


#2
 1,4-Dioxane
 Concen: 0.466 ng
 RT: 3.283 min Scan# 28
 Delta R.T. -0.014 min
 Lab File: BN038045.D
 Acq: 07 Oct 2025 14:28



Tgt Ion: 88 Resp: 3771
 Ion Ratio Lower Upper
 88 100
 43 59.1 26.6 39.8
 58 74.4 58.9 88.3

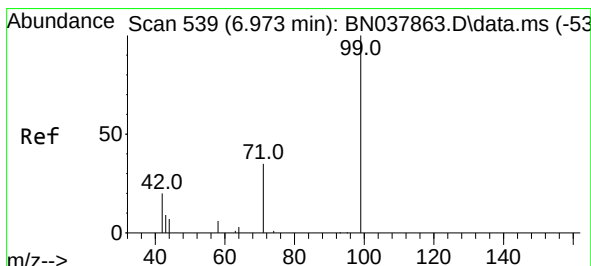
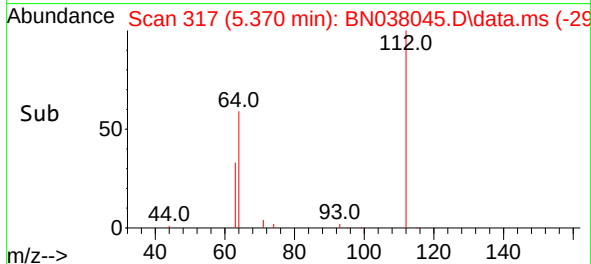
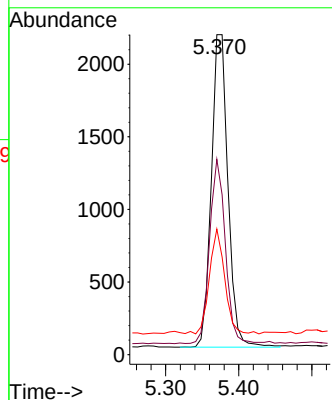
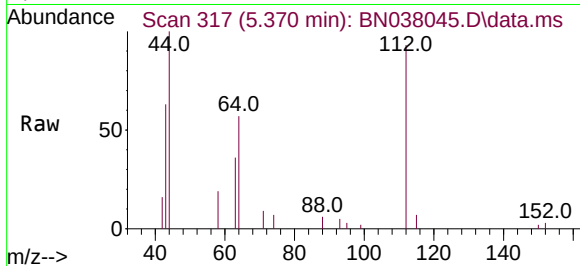




#4
2-Fluorophenol
Concen: 0.187 ng
RT: 5.370 min Scan# 317
Delta R.T. -0.014 min
Lab File: BN038045.D
Acq: 07 Oct 2025 14:28

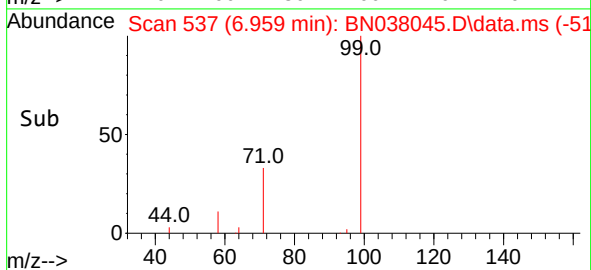
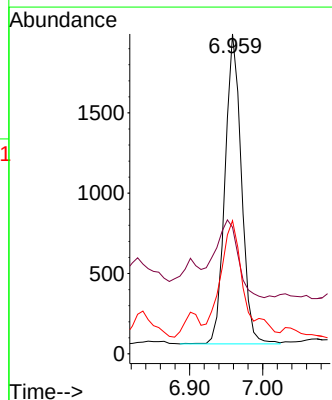
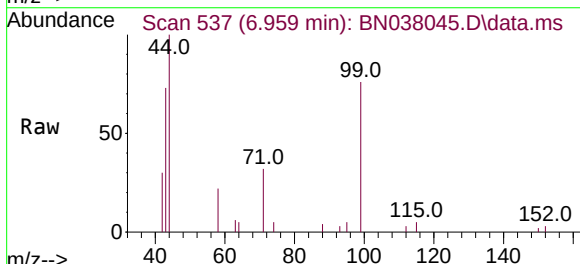
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-600-602

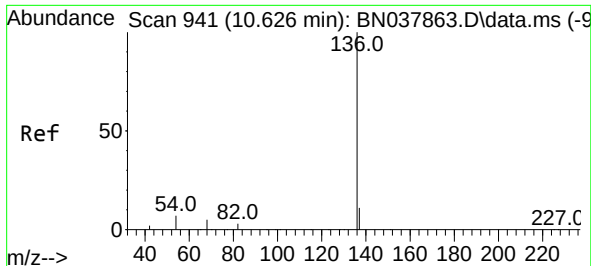
Tgt Ion:112 Resp: 3408
Ion Ratio Lower Upper
112 100
64 55.9 44.6 66.8
63 30.3 24.9 37.3



#5
Phenol-d6
Concen: 0.127 ng
RT: 6.959 min Scan# 537
Delta R.T. -0.014 min
Lab File: BN038045.D
Acq: 07 Oct 2025 14:28

Tgt Ion: 99 Resp: 3024
Ion Ratio Lower Upper
99 100
42 36.4 17.2 25.8#
71 52.4 27.3 40.9#

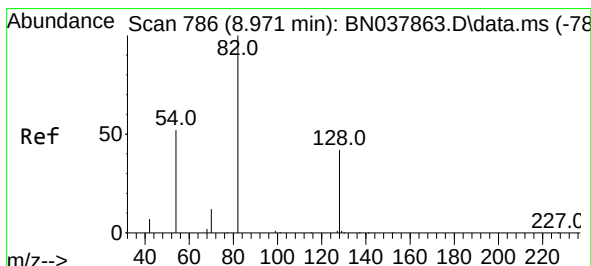
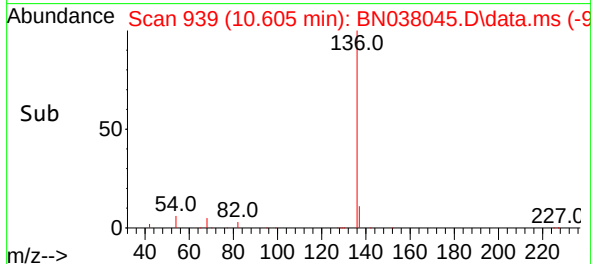
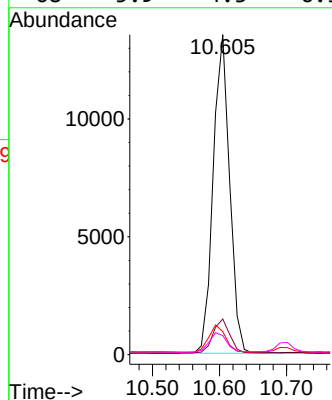
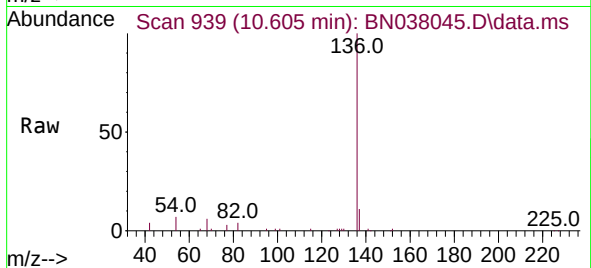




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 941
Delta R.T. -0.021 min
Lab File: BN038045.D
Acq: 07 Oct 2025 14:28

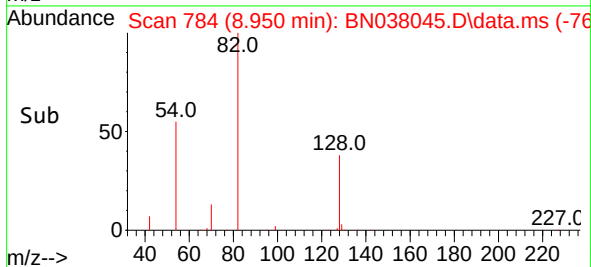
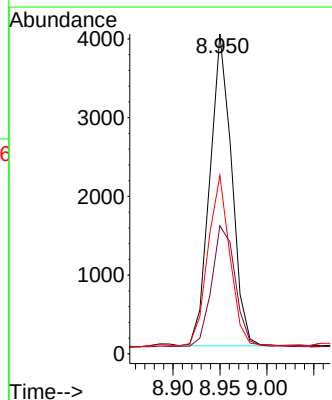
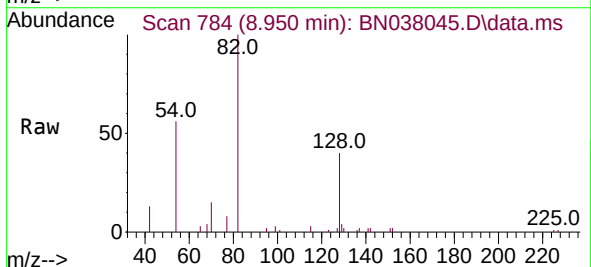
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-600-602

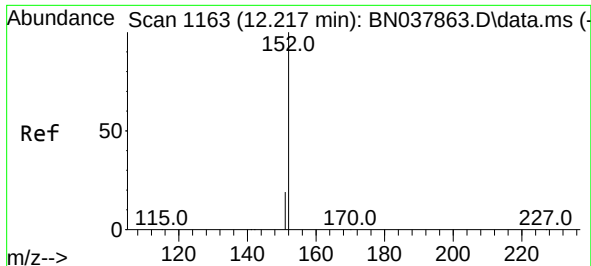
Tgt Ion:	136	Resp:	23022
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	7.2	5.8	8.8
68	5.9	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038045.D
Acq: 07 Oct 2025 14:28

Tgt Ion:	82	Resp:	6393
Ion Ratio	Lower	Upper	
82	100		
128	40.0	34.8	52.2
54	55.7	42.2	63.2

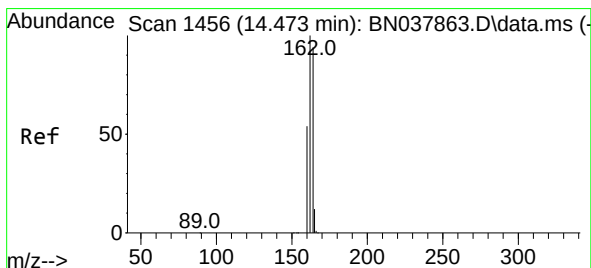
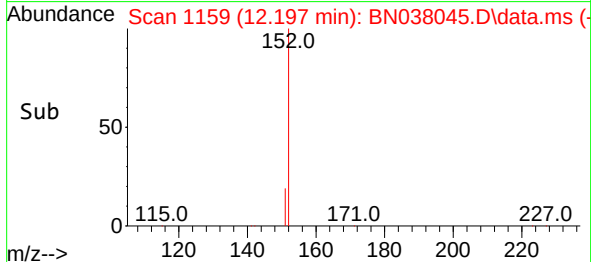
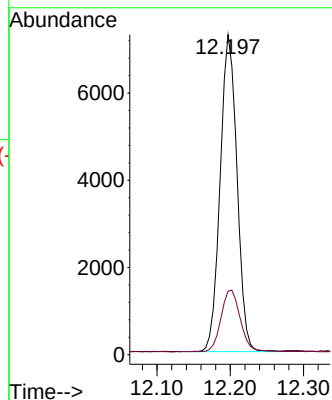
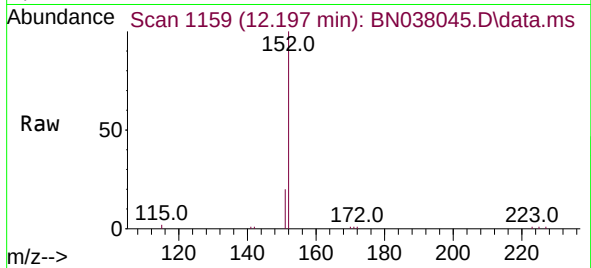




#11
2-Methylnaphthalene-d10
Concen: 0.363 ng
RT: 12.197 min Scan# 1163
Delta R.T. -0.020 min
Lab File: BN038045.D
Acq: 07 Oct 2025 14:28

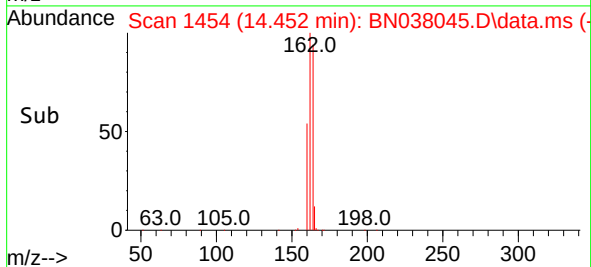
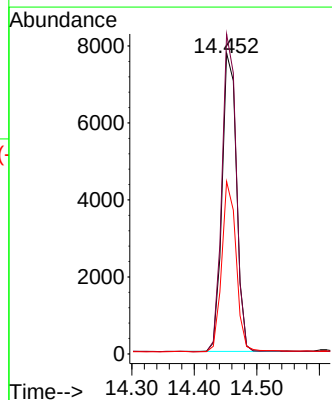
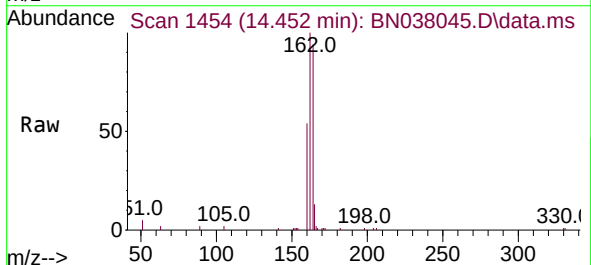
Instrument :
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ClientSampleId :
BP-VPB-184-GW-600-602

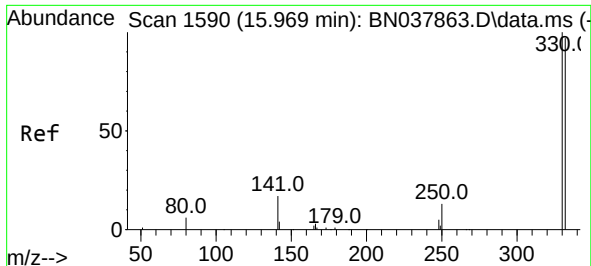
Tgt Ion:152 Resp: 11622
Ion Ratio Lower Upper
152 100
151 22.2 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 1454
Delta R.T. -0.021 min
Lab File: BN038045.D
Acq: 07 Oct 2025 14:28

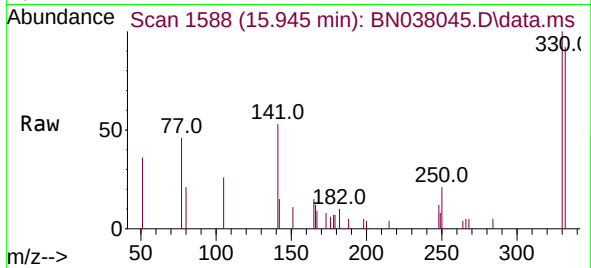
Tgt Ion:164 Resp: 12487
Ion Ratio Lower Upper
164 100
162 106.4 84.8 127.2
160 57.4 46.1 69.1



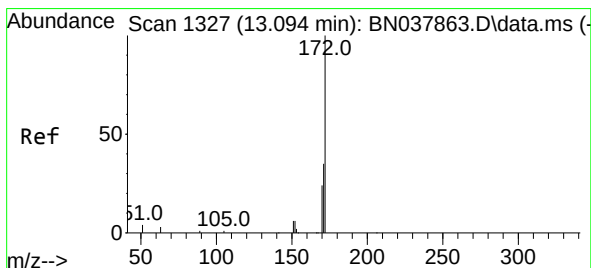
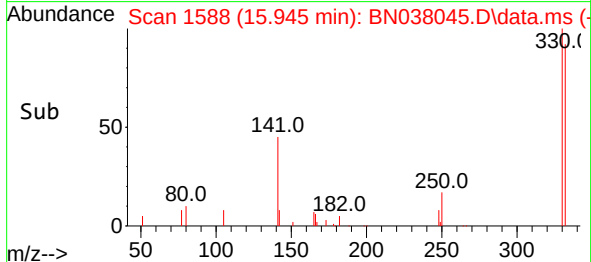
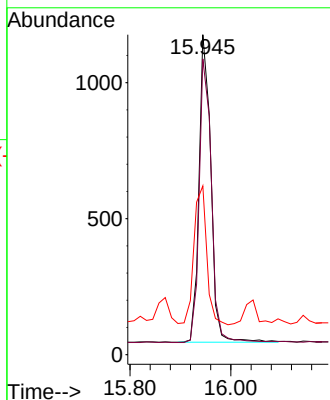


#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.945 min Scan# 1588
Delta R.T. -0.024 min
Lab File: BN038045.D
Acq: 07 Oct 2025 14:28

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-600-602

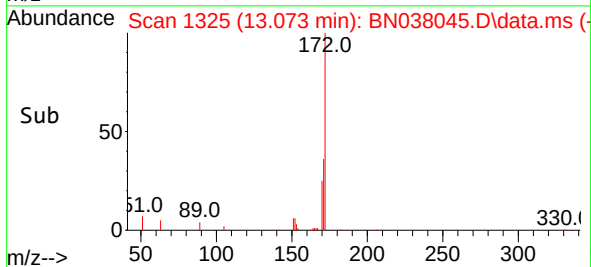
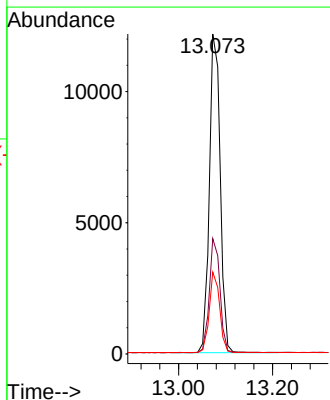
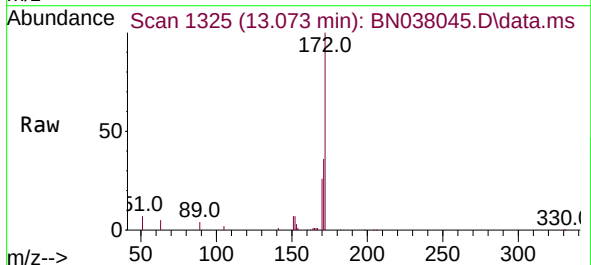


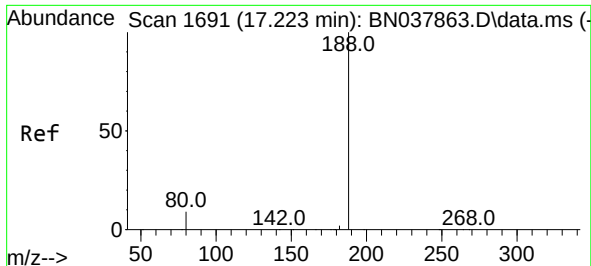
Tgt Ion:330 Resp: 1832
Ion Ratio Lower Upper
330 100
332 95.3 77.2 115.8
141 48.9 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.073 min Scan# 1325
Delta R.T. -0.021 min
Lab File: BN038045.D
Acq: 07 Oct 2025 14:28

Tgt Ion:172 Resp: 18523
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 25.6 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.198 min Scan# 1689

Delta R.T. -0.025 min

Lab File: BN038045.D

Acq: 07 Oct 2025 14:28

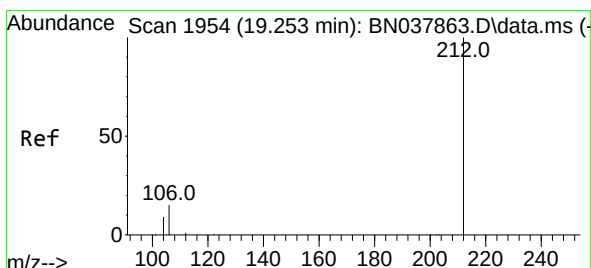
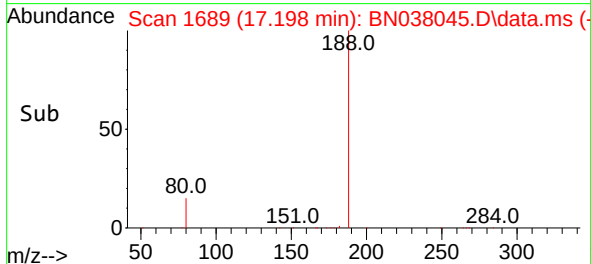
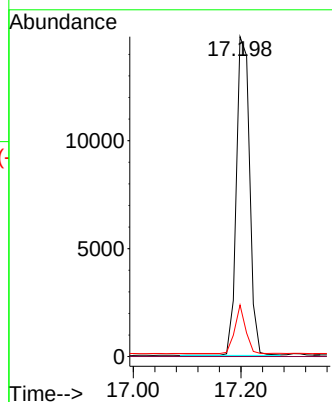
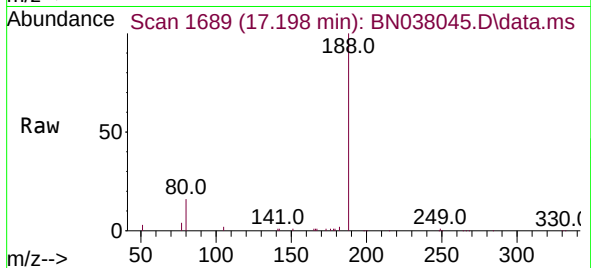
Instrument :

BNA_N

ClientSampleId :

BP-VPB-184-GW-600-602

Tgt Ion:188	Resp:	25250
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	16.1	7.6



#27

Fluoranthene-d10

Concen: 0.394 ng

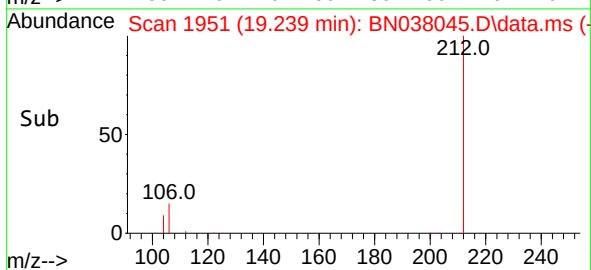
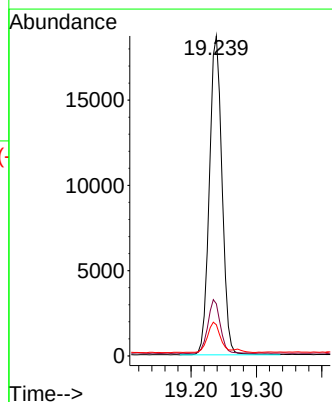
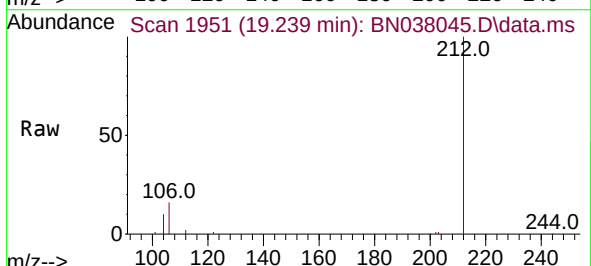
RT: 19.239 min Scan# 1951

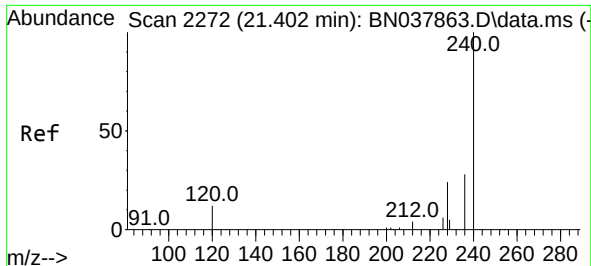
Delta R.T. -0.014 min

Lab File: BN038045.D

Acq: 07 Oct 2025 14:28

Tgt Ion:212	Resp:	25053
Ion Ratio	Lower	Upper
212	100	
106	16.7	12.6
104	9.6	7.4

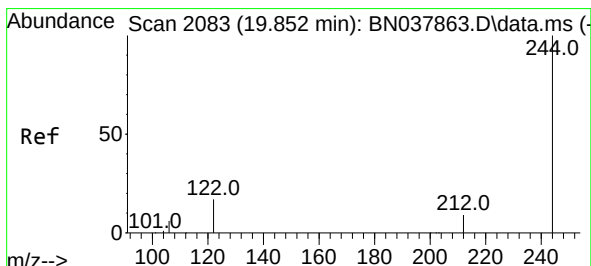
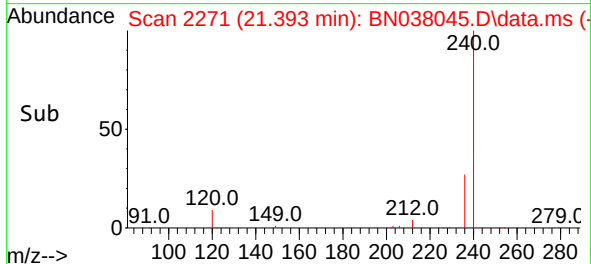
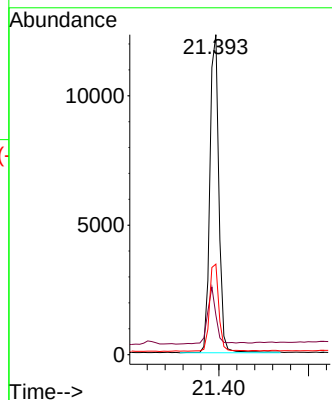
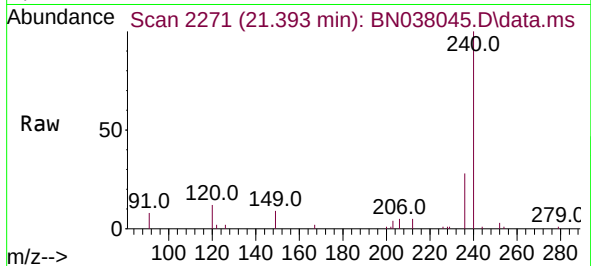




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038045.D
Acq: 07 Oct 2025 14:28

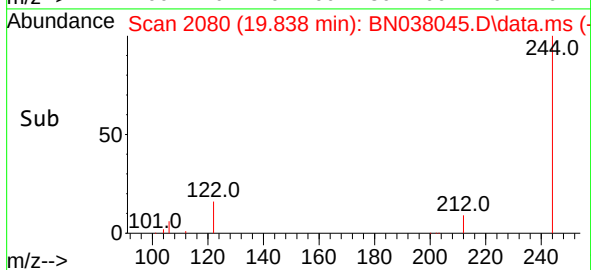
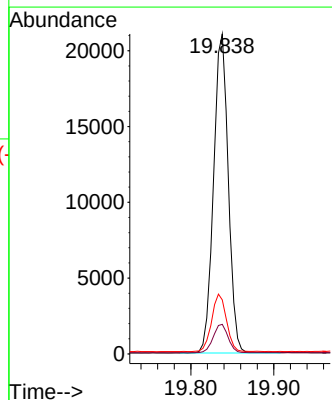
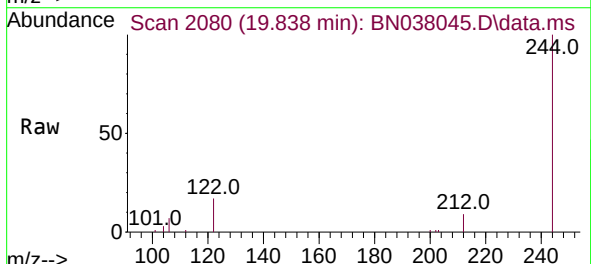
Instrument :
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BP-VPB-184-GW-600-602

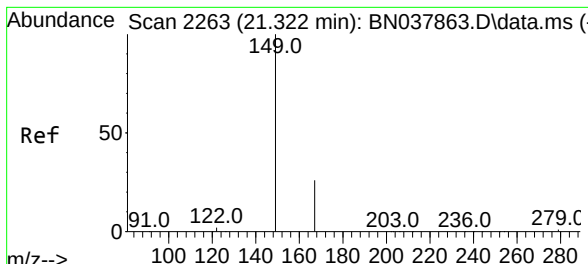
Tgt Ion:240 Resp: 17199
Ion Ratio Lower Upper
240 100
120 12.4 11.4 17.2
236 28.3 23.0 34.6



#31
Terphenyl-d14
Concen: 0.758 ng
RT: 19.838 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038045.D
Acq: 07 Oct 2025 14:28

Tgt Ion:244 Resp: 25960
Ion Ratio Lower Upper
244 100
212 9.2 7.6 11.4
122 16.9 13.9 20.9



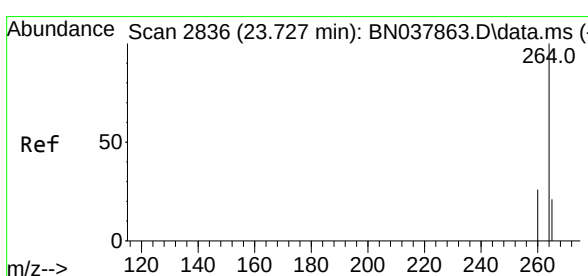
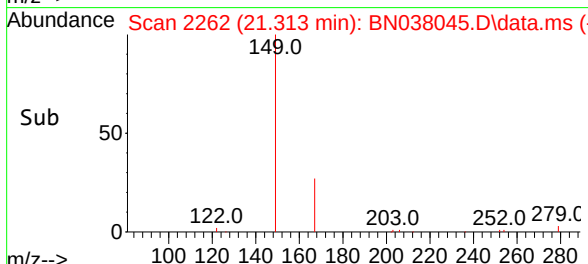
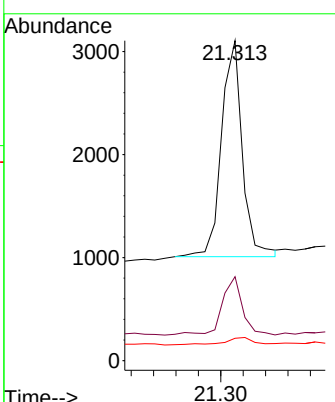
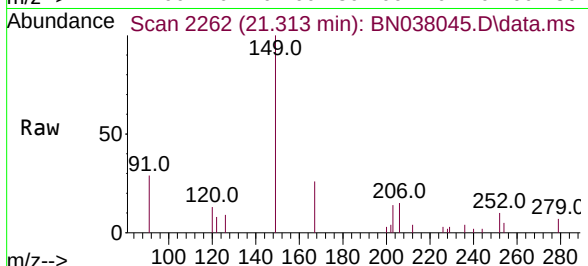


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.114 ng
 RT: 21.313 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN038045.D
 Acq: 07 Oct 2025 14:28

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-600-602

Tgt Ion:149 Resp: 2704

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.4	30.6
279	4.4	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: BN038045.D
 Acq: 07 Oct 2025 14:28

Tgt Ion:264 Resp: 12217

Ion	Ratio	Lower	Upper
264	100		
260	27.7	21.5	32.3
265	89.5	53.8	80.6

