

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038340.D
 Acq On : 12 Dec 2025 06:02
 Operator : RC/JU
 Sample : Q3788-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TA-BR-05-465-120525

Quant Time: Dec 12 07:09:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

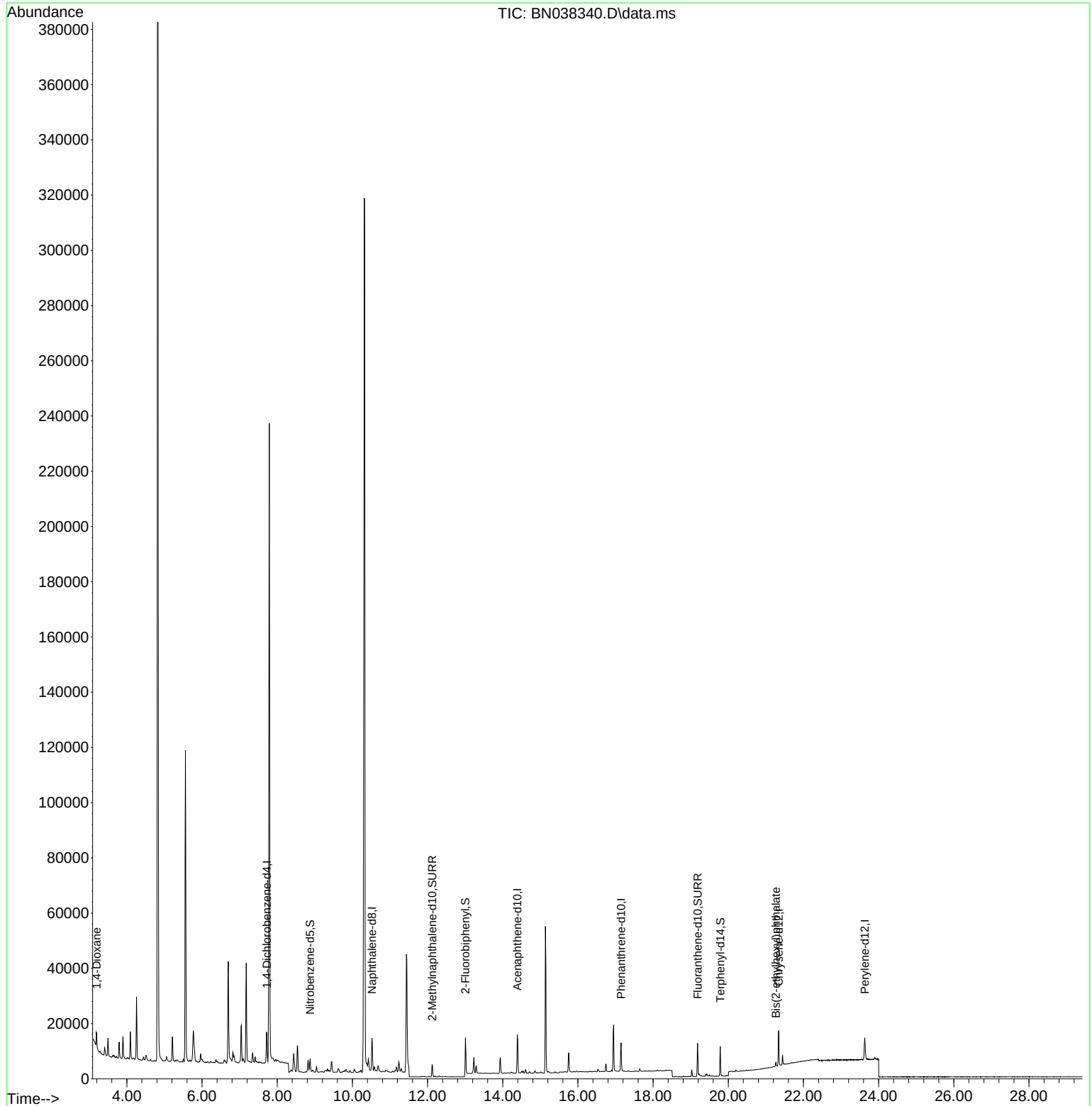
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5725	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	15596	0.400	ng	#-0.01
13) Acenaphthene-d10	14.387	164	7934	0.400	ng	-0.01
19) Phenanthrene-d10	17.148	188	14347	0.400	ng	0.00
29) Chrysene-d12	21.339	240	11335	0.400	ng	0.00
35) Perylene-d12	23.630	264	11188	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.269	112	16	0.001	ng	-0.02
5) Phenol-d6	6.894	99	37	0.002	ng	0.00
8) Nitrobenzene-d5	8.875	82	3498	0.266	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	6033	0.274	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	8	0.002	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	11656	0.305	ng	0.00
27) Fluoranthene-d10	19.183	212	12667	0.357	ng	0.00
31) Terphenyl-d14	19.787	244	9824	0.388	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.196	88	2326	0.354	ng	# 39
34) Bis(2-ethylhexyl)phtha...	21.268	149	1365	0.057	ng	# 95

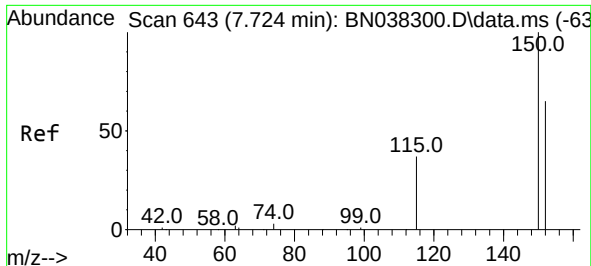
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038340.D
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Sample : Q3788-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
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TA-BR-05-465-120525

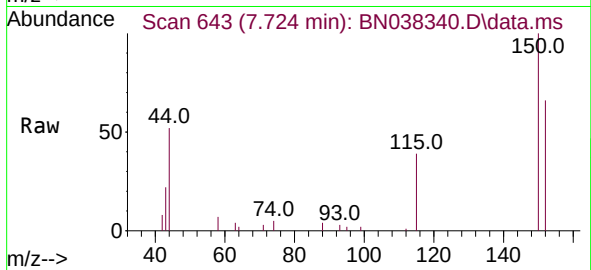
Quant Time: Dec 12 07:09:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
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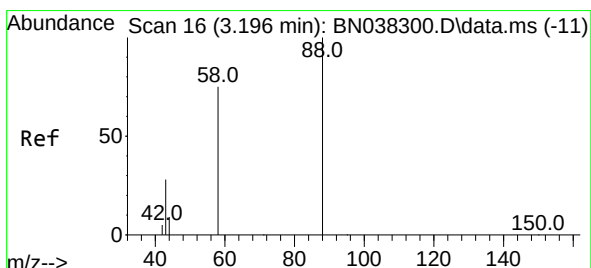
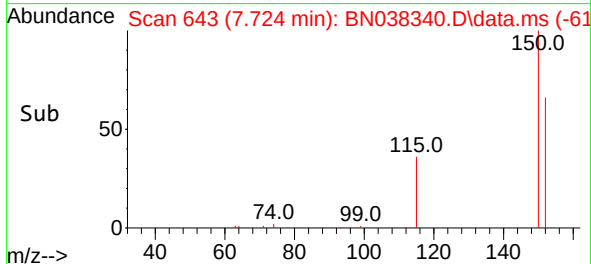
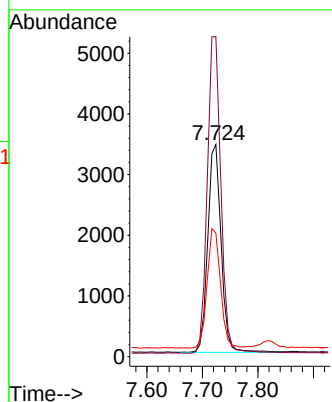
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 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN038340.D
 Acq: 12 Dec 2025 06:02

Instrument :
 BNA_N
 ClientSampleId :
 TA-BR-05-465-120525



Tgt Ion: 152 Resp: 5725

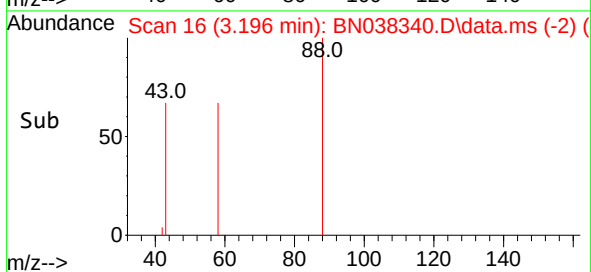
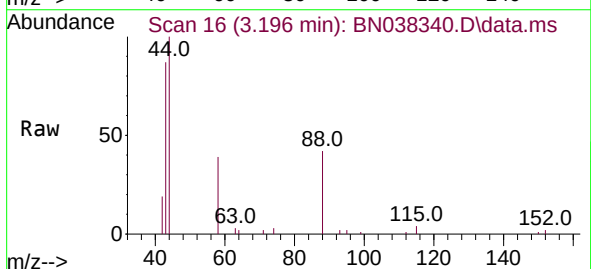
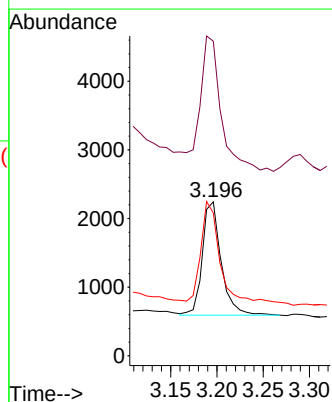
Ion	Ratio	Lower	Upper
152	100		
150	150.8	122.4	183.6
115	58.2	47.3	70.9

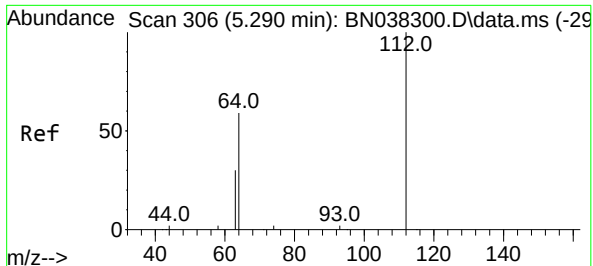


#2
 1,4-Dioxane
 Concen: 0.354 ng
 RT: 3.196 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: BN038340.D
 Acq: 12 Dec 2025 06:02

Tgt Ion: 88 Resp: 2326

Ion	Ratio	Lower	Upper
88	100		
43	132.2	24.9	37.3
58	86.8	61.4	92.0

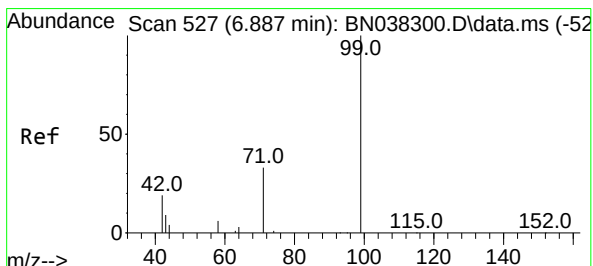
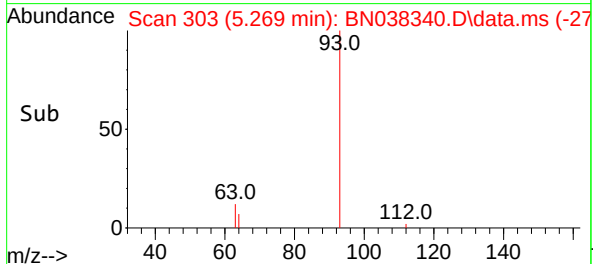
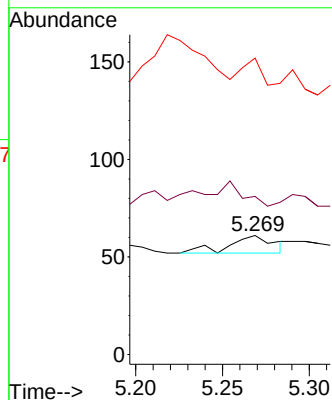
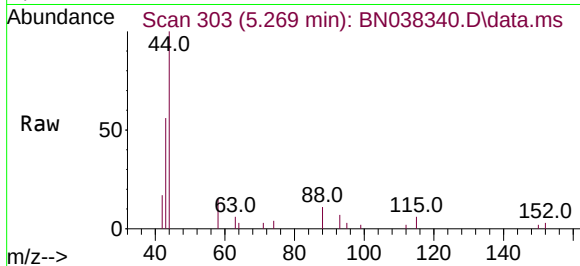




#4
2-Fluorophenol
Concen: 0.001 ng
RT: 5.269 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

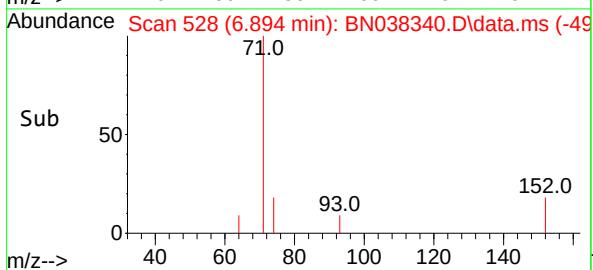
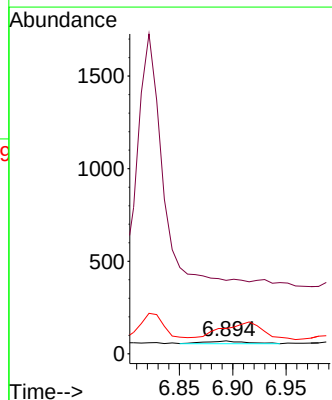
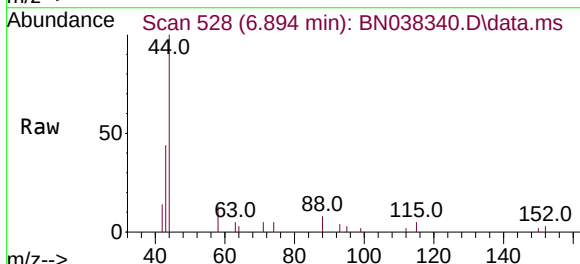
Instrument :
BNA_N
ClientSampleId :
TA-BR-05-465-120525

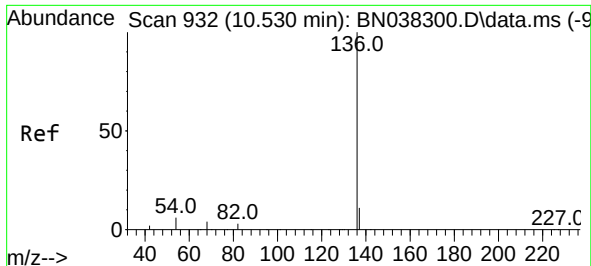
Tgt Ion:112 Resp: 16
Ion Ratio Lower Upper
112 100
64 193.8 44.4 66.6#
63 143.8 23.4 35.0#



#5
Phenol-d6
Concen: 0.002 ng
RT: 6.894 min Scan# 528
Delta R.T. 0.007 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

Tgt Ion: 99 Resp: 37
Ion Ratio Lower Upper
99 100
42 0.0 16.5 24.7#
71 0.0 24.9 37.3#

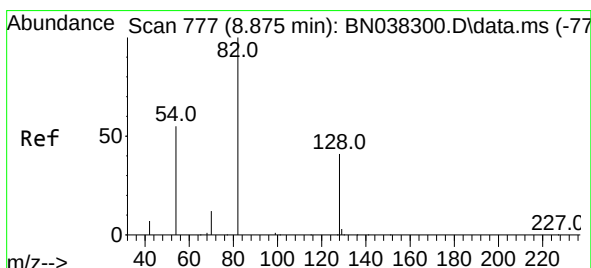
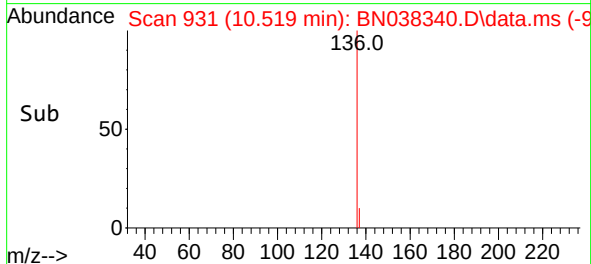
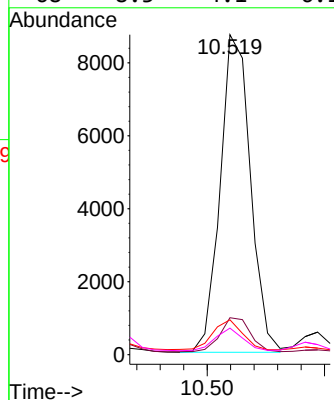
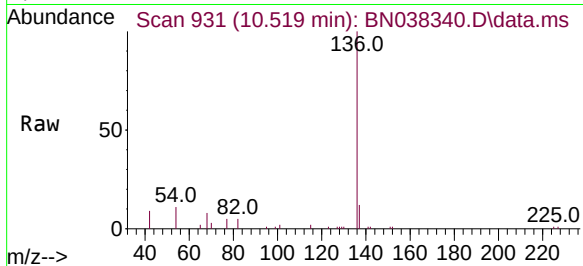




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

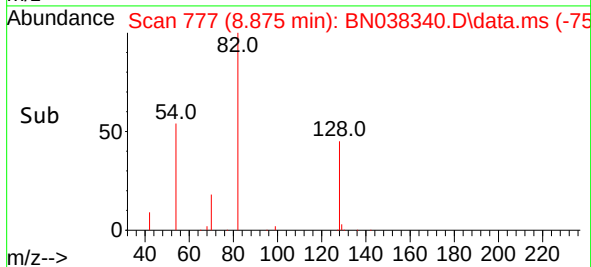
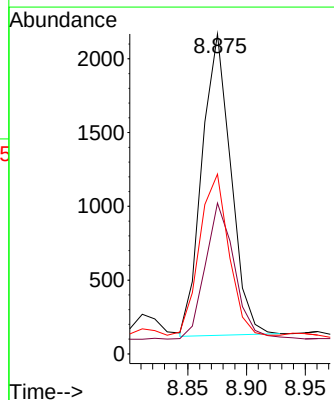
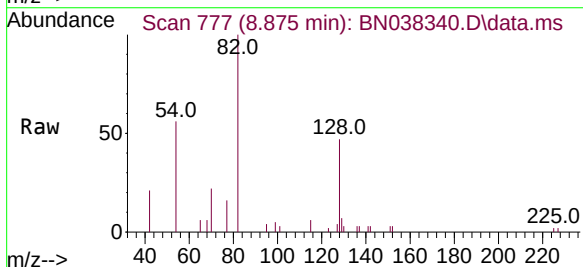
Instrument :
BNA_N
ClientSampleId :
TA-BR-05-465-120525

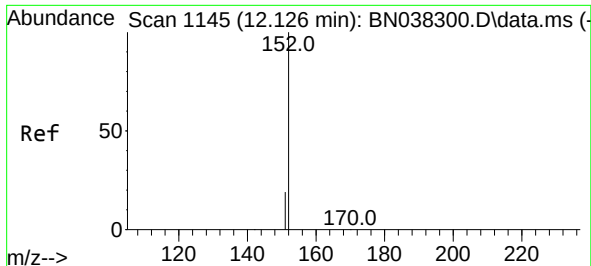
Tgt Ion:	136	Resp:	15596
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.9	5.2	7.8#
68	8.3	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

Tgt Ion:	82	Resp:	3498
Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	56.2	44.4	66.6

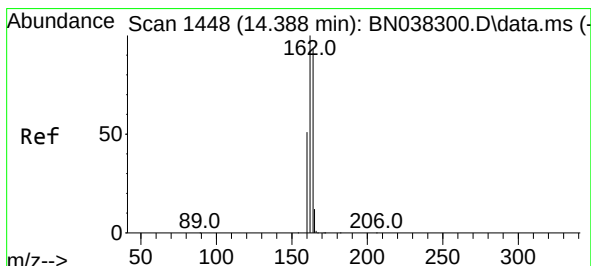
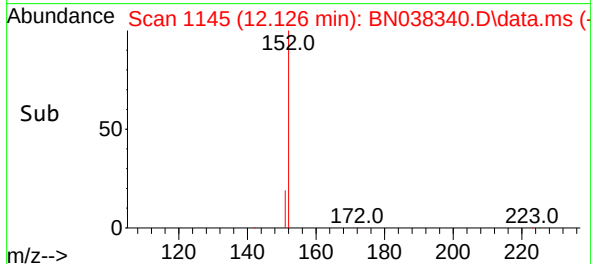
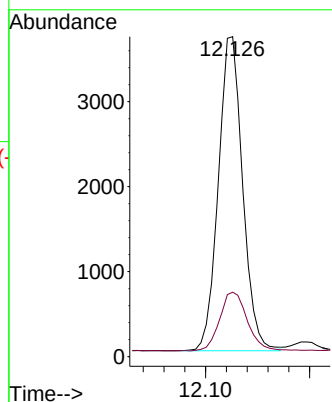
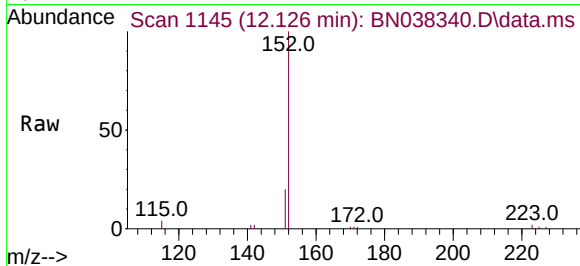




#11
2-Methylnaphthalene-d10
Concen: 0.274 ng
RT: 12.126 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

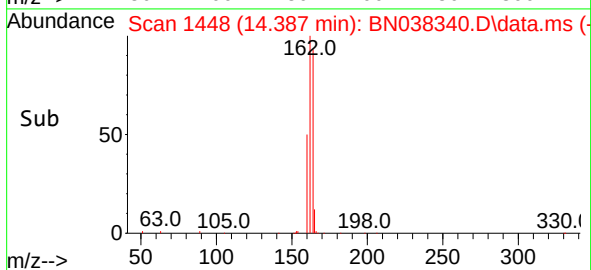
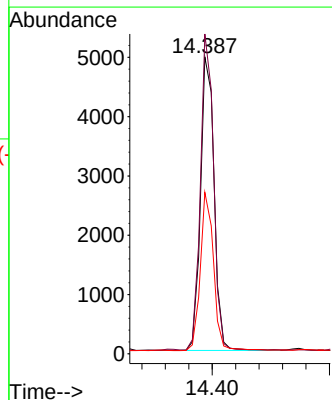
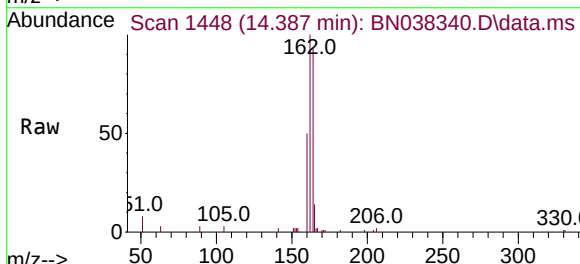
Instrument :
BNA_N
ClientSampleId :
TA-BR-05-465-120525

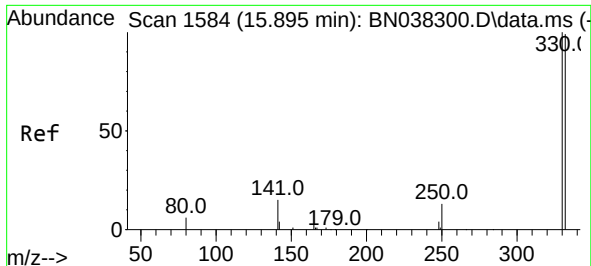
Tgt Ion:152 Resp: 6033
Ion Ratio Lower Upper
152 100
151 21.4 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

Tgt Ion:164 Resp: 7934
Ion Ratio Lower Upper
164 100
162 107.8 86.2 129.4
160 54.4 44.6 67.0

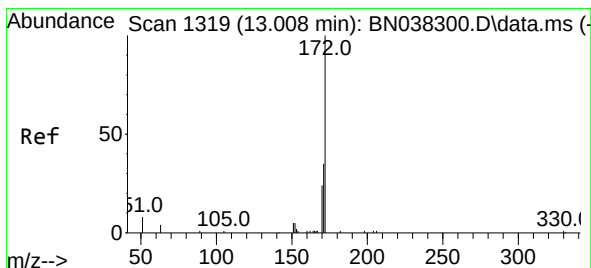
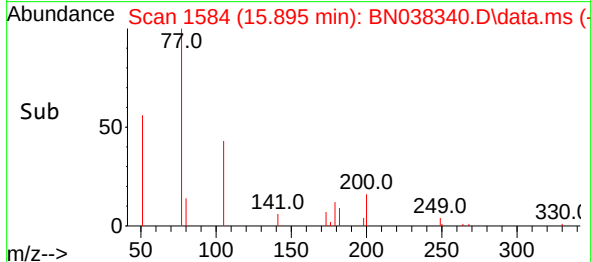
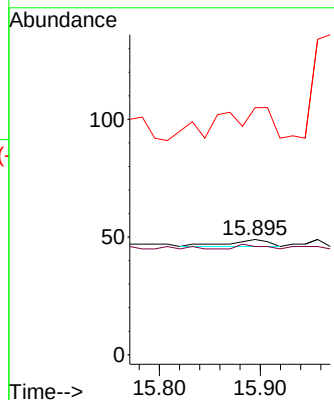
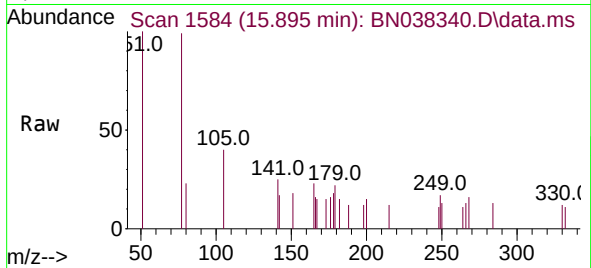




#14
 2,4,6-Tribromophenol
 Concen: 0.002 ng
 RT: 15.895 min Scan# 1584
 Delta R.T. -0.000 min
 Lab File: BN038340.D
 Acq: 12 Dec 2025 06:02

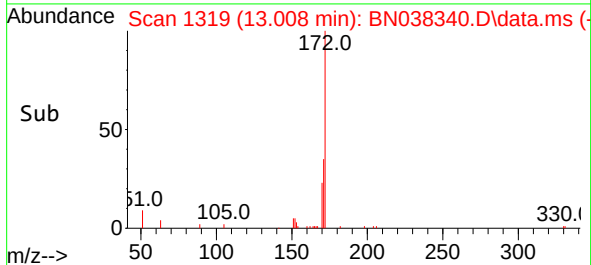
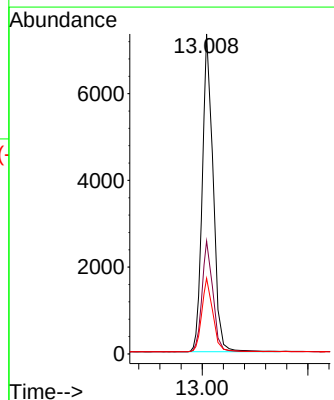
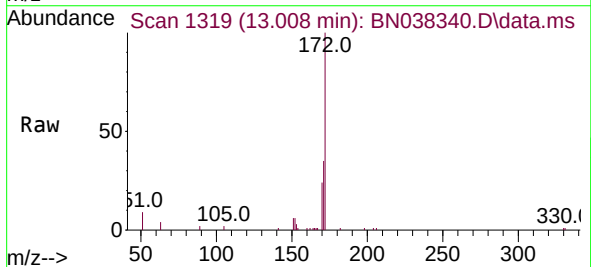
Instrument :
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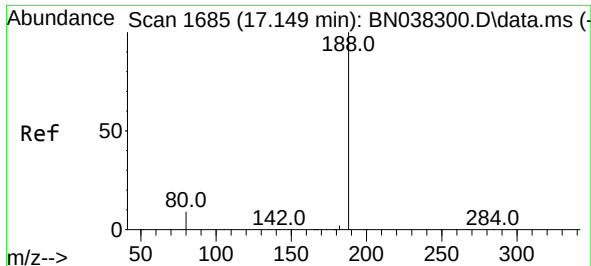
Tgt Ion:	330	Resp:	8
Ion Ratio	Lower	Upper	
330	100		
332	37.5	75.8	113.6#
141	0.0	31.8	47.8#



#15
 2-Fluorobiphenyl
 Concen: 0.305 ng
 RT: 13.008 min Scan# 1319
 Delta R.T. -0.000 min
 Lab File: BN038340.D
 Acq: 12 Dec 2025 06:02

Tgt Ion:	172	Resp:	11656
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.6	42.8
170	23.6	19.3	28.9

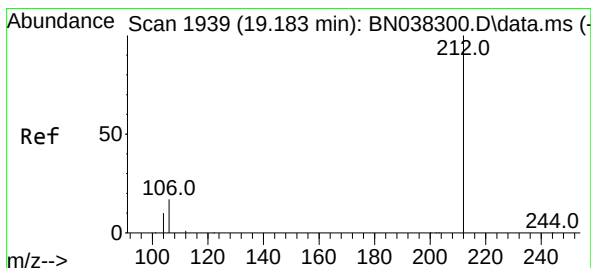
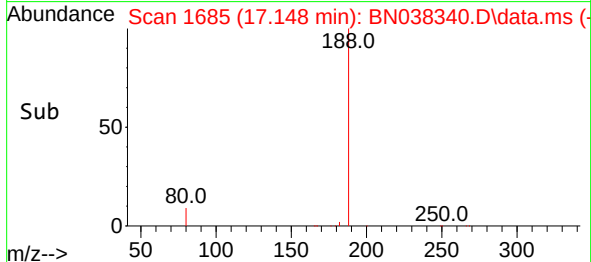
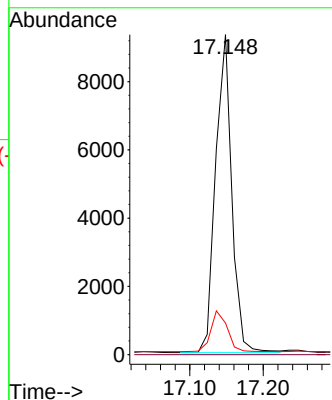
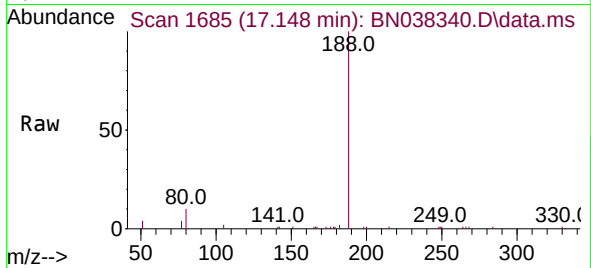




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

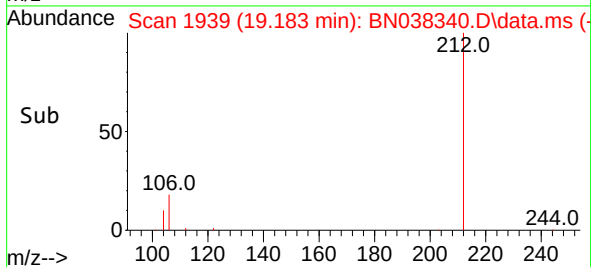
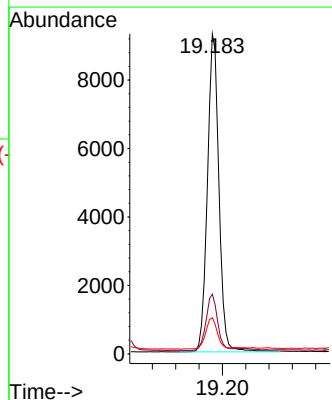
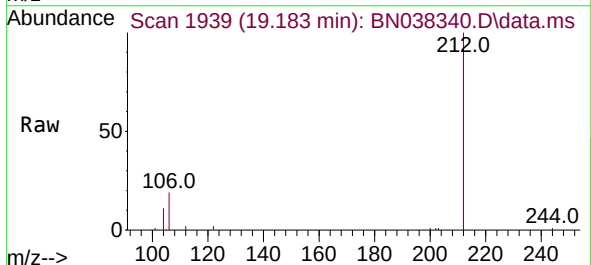
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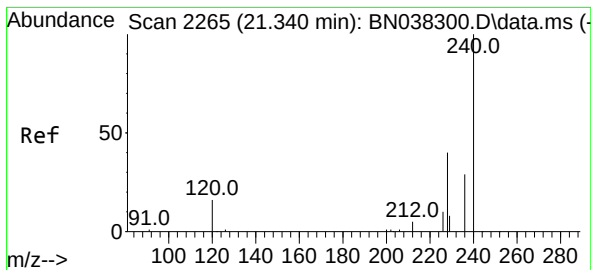
Tgt Ion:188 Resp: 14347
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 7.4 11.0



#27
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.183 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

Tgt Ion:212 Resp: 12667
Ion Ratio Lower Upper
212 100
106 17.8 13.7 20.5
104 10.0 7.8 11.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.339 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN038340.D

Acq: 12 Dec 2025 06:02

Instrument :

BNA_N

ClientSampleId :

TA-BR-05-465-120525

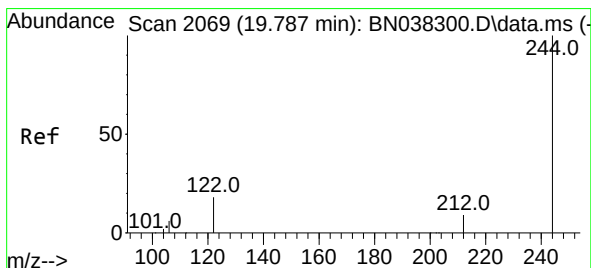
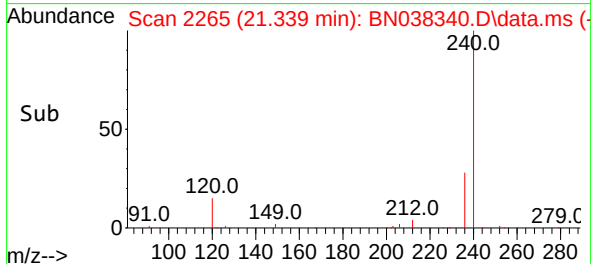
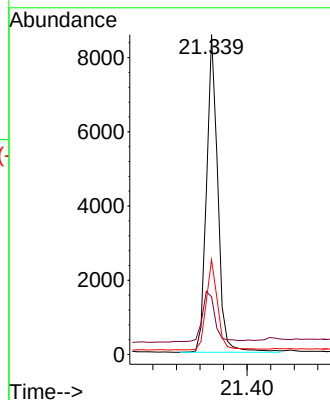
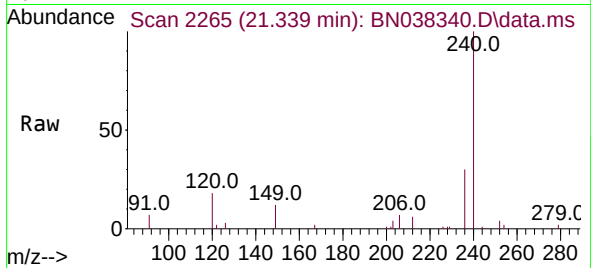
Tgt Ion:240 Resp: 11335

Ion Ratio Lower Upper

240 100

120 18.1 15.4 23.2

236 29.6 23.9 35.9



#31

Terphenyl-d14

Concen: 0.388 ng

RT: 19.787 min Scan# 2069

Delta R.T. -0.005 min

Lab File: BN038340.D

Acq: 12 Dec 2025 06:02

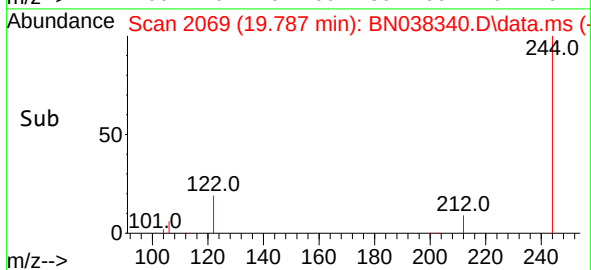
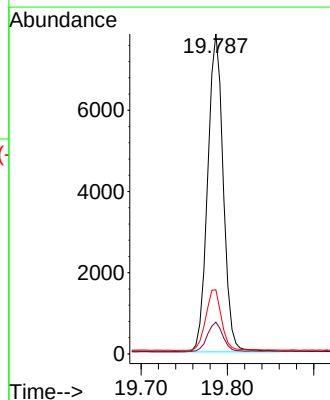
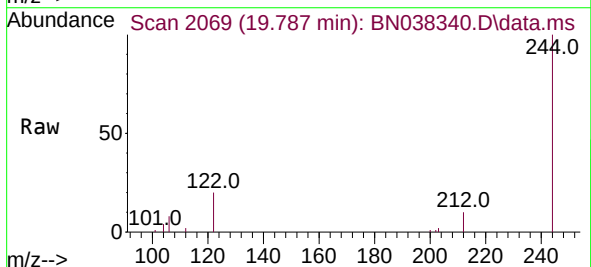
Tgt Ion:244 Resp: 9824

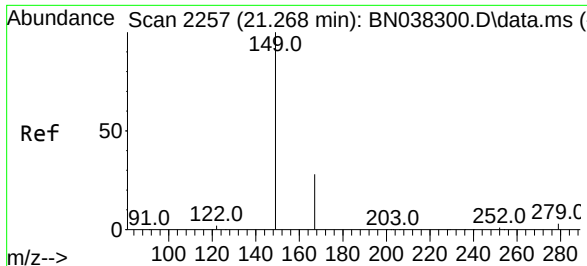
Ion Ratio Lower Upper

244 100

212 9.9 7.9 11.9

122 20.0 15.0 22.6

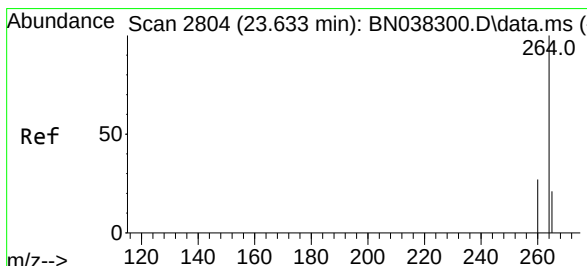
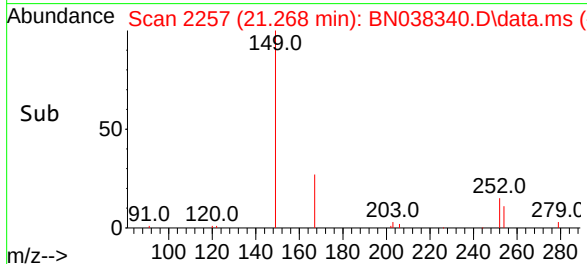
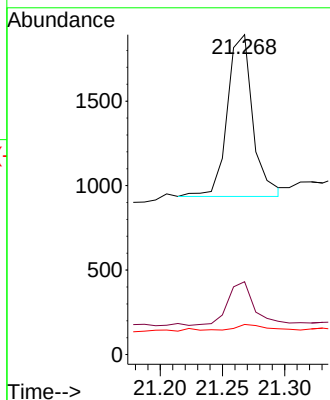
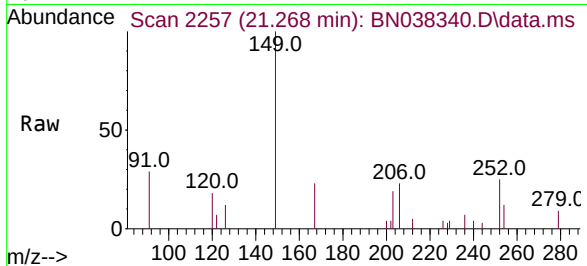




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.057 ng
RT: 21.268 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

Instrument :
BNA_N
ClientSampleId :
TA-BR-05-465-120525

Tgt Ion:149 Resp: 1365
Ion Ratio Lower Upper
149 100
167 29.5 21.4 32.0
279 4.3 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.630 min Scan# 2803
Delta R.T. -0.003 min
Lab File: BN038340.D
Acq: 12 Dec 2025 06:02

Tgt Ion:264 Resp: 11188
Ion Ratio Lower Upper
264 100
260 27.5 22.2 33.2
265 102.7 80.2 120.2

