

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
 Data File : BN038313.D
 Acq On : 11 Dec 2025 12:25
 Operator : RC/JU
 Sample : Q3757-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-490-120325

Quant Time: Dec 11 12:52:53 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)

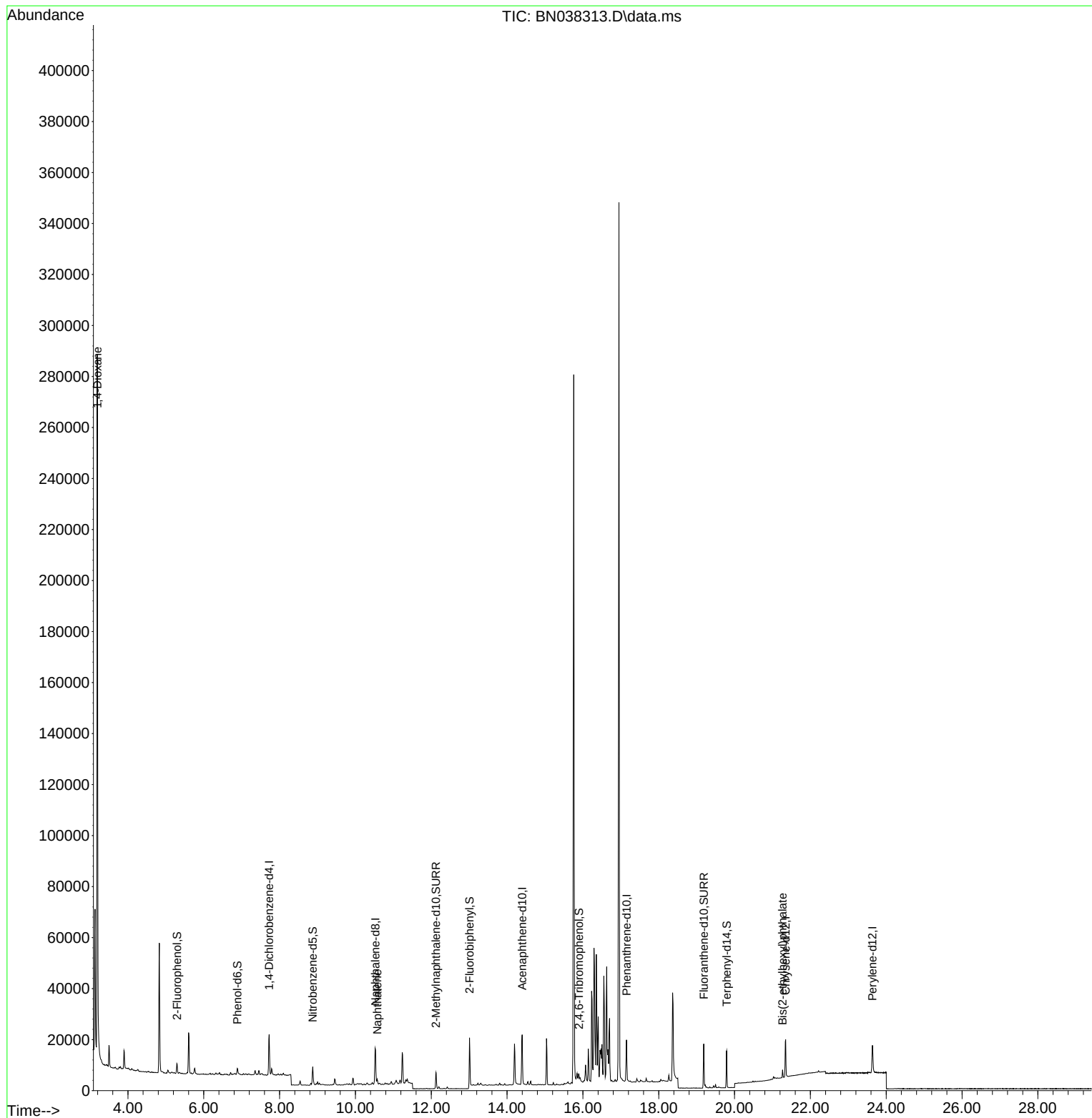
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	7415	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	20111	0.400	ng	0.00
13) Acenaphthene-d10	14.398	164	10732	0.400	ng	0.00
19) Phenanthrene-d10	17.148	188	19954	0.400	ng	# 0.00
29) Chrysene-d12	21.348	240	14276	0.400	ng	# 0.00
35) Perylene-d12	23.636	264	14578	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	3082	0.167	ng	0.00
5) Phenol-d6	6.886	99	2265	0.103	ng	0.00
8) Nitrobenzene-d5	8.875	82	5813	0.343	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	8721	0.307	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1828	0.384	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	16951	0.328	ng	0.00
27) Fluoranthene-d10	19.187	212	18094	0.367	ng	0.00
31) Terphenyl-d14	19.791	244	13649	0.428	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.196	88	160554	18.884	ng	99
9) Naphthalene	10.573	128	2469	0.042	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.268	149	2816	0.093	ng	# 99

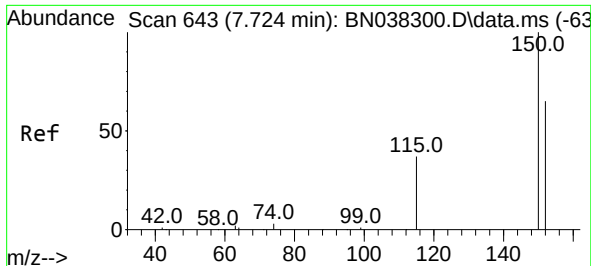
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038313.D
Acq On : 11 Dec 2025 12:25
Operator : RC/JU
Sample : Q3757-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325

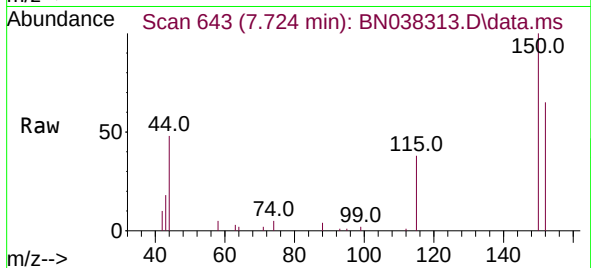
Quant Time: Dec 11 12:52:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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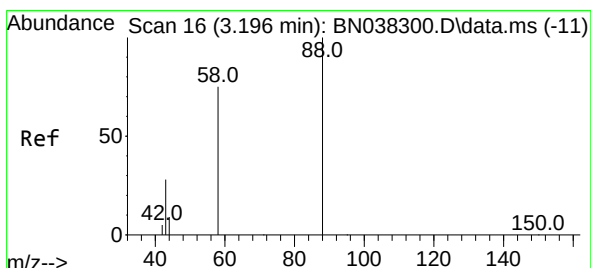
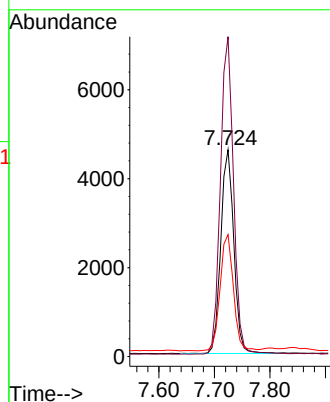
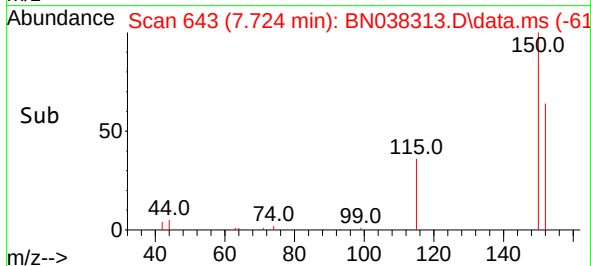


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN038313.D
 Acq: 11 Dec 2025 12:25

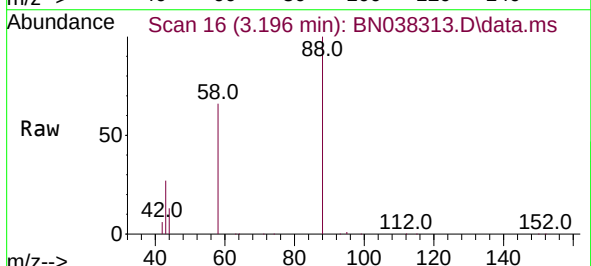
Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-490-120325



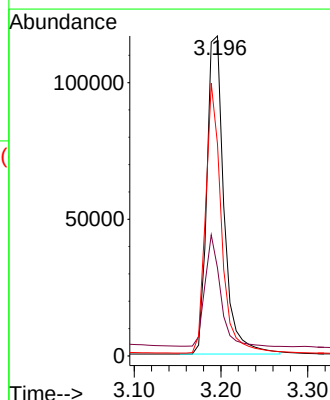
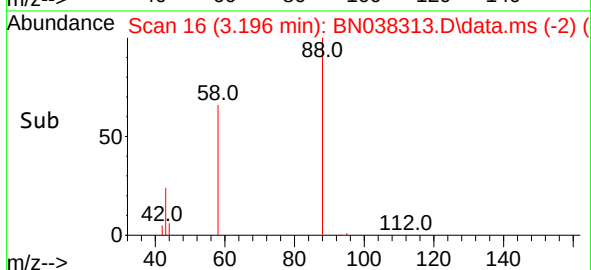
Tgt Ion:152 Resp: 7415
 Ion Ratio Lower Upper
 152 100
 150 154.8 122.4 183.6
 115 59.0 47.3 70.9

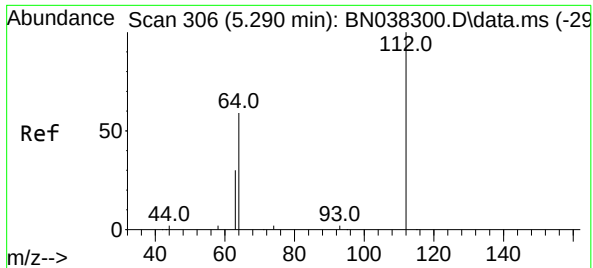


#2
 1,4-Dioxane
 Concen: 18.884 ng
 RT: 3.196 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: BN038313.D
 Acq: 11 Dec 2025 12:25



Tgt Ion: 88 Resp: 160554
 Ion Ratio Lower Upper
 88 100
 43 31.2 24.9 37.3
 58 77.5 61.4 92.0

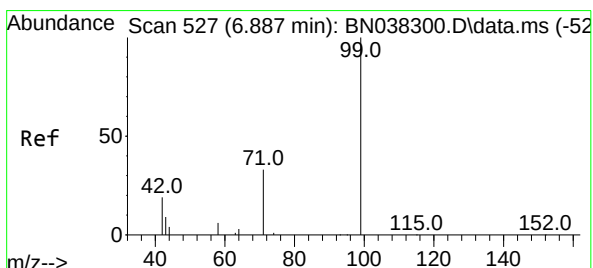
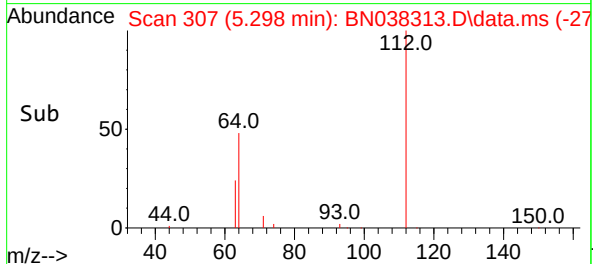
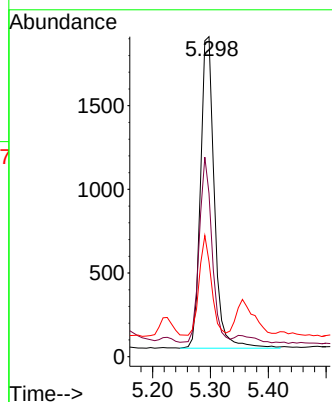
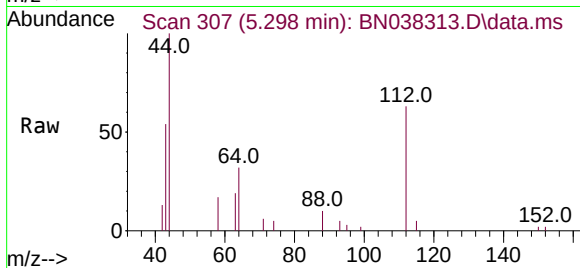




#4
2-Fluorophenol
Concen: 0.167 ng
RT: 5.298 min Scan# 306
Delta R.T. 0.007 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

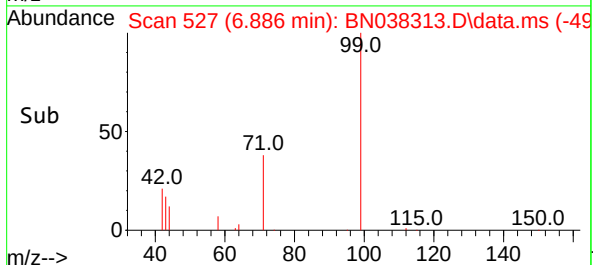
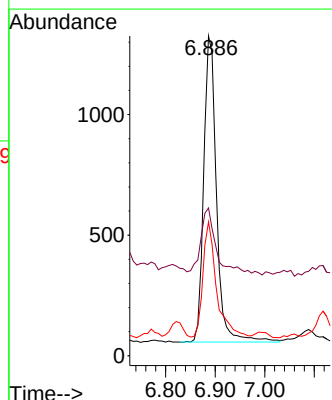
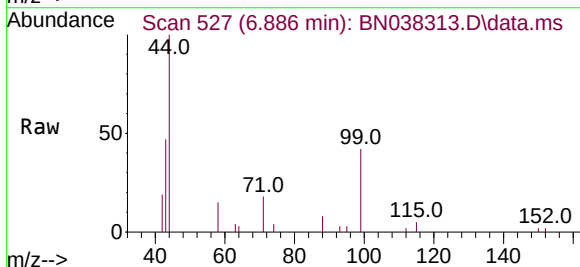
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325

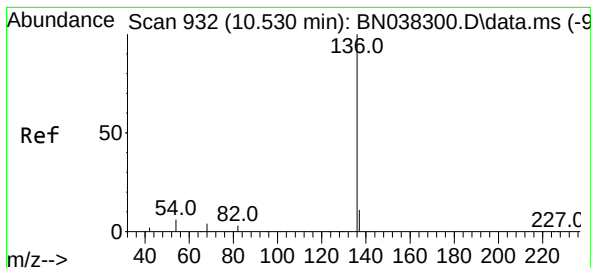
Tgt Ion:	112	Resp:	3082
Ion	Ratio	Lower	Upper
112	100		
64	55.2	44.4	66.6
63	28.4	23.4	35.0



#5
Phenol-d6
Concen: 0.103 ng
RT: 6.886 min Scan# 527
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

Tgt Ion:	99	Resp:	2265
Ion	Ratio	Lower	Upper
99	100		
42	27.9	16.5	24.7#
71	40.7	24.9	37.3#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.530 min Scan# 932

Delta R.T. -0.000 min

Lab File: BN038313.D

Acq: 11 Dec 2025 12:25

Instrument :

BNA_N

ClientSampleId :

BR-03D-490-120325

Tgt Ion:136 Resp: 20111

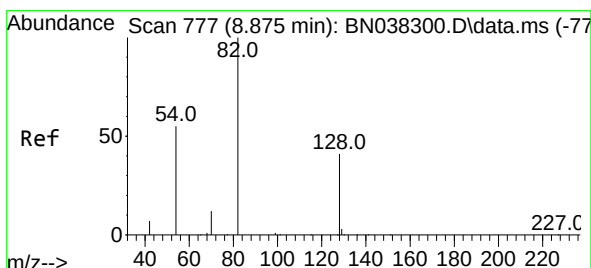
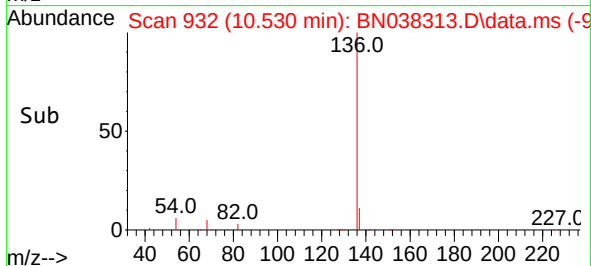
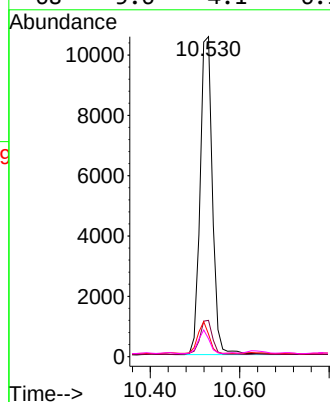
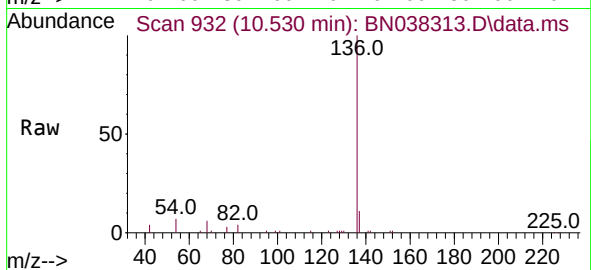
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.0 5.2 7.8

68 5.6 4.1 6.1



#8

Nitrobenzene-d5

Concen: 0.343 ng

RT: 8.875 min Scan# 777

Delta R.T. -0.000 min

Lab File: BN038313.D

Acq: 11 Dec 2025 12:25

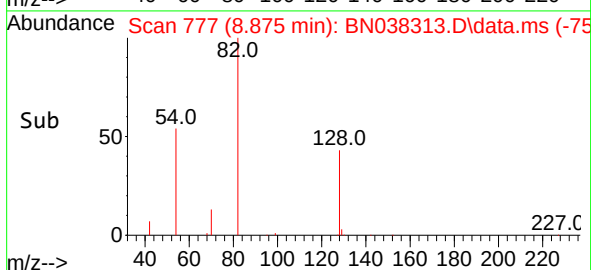
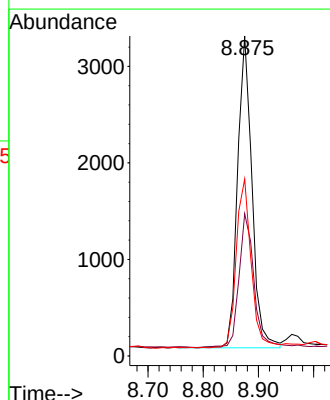
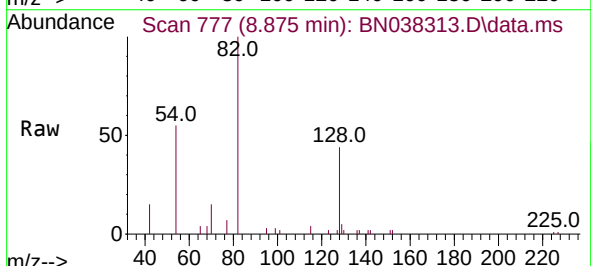
Tgt Ion: 82 Resp: 5813

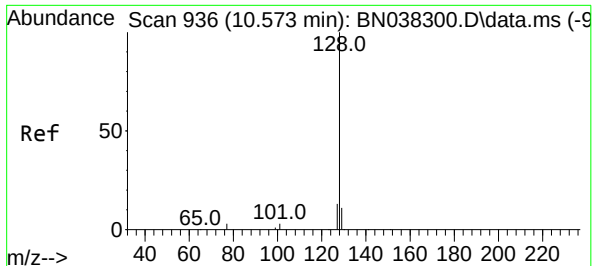
Ion Ratio Lower Upper

82 100

128 44.5 34.0 51.0

54 55.3 44.4 66.6

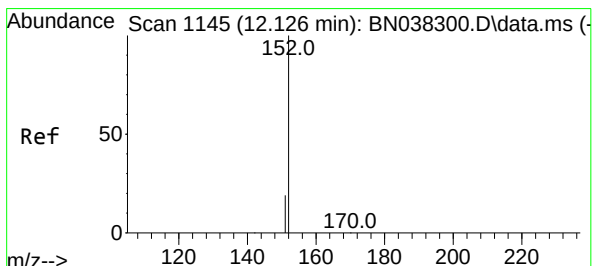
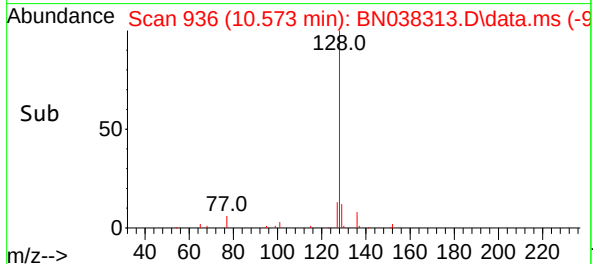
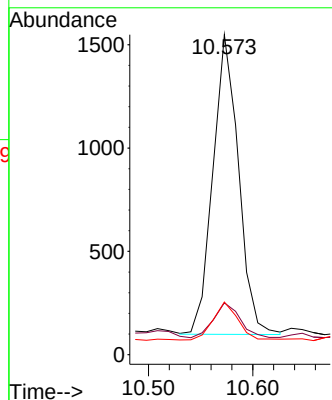
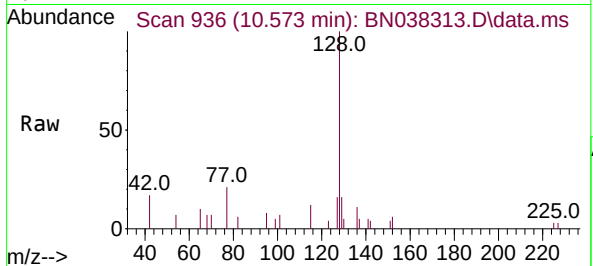




#9
Naphthalene
Concen: 0.042 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

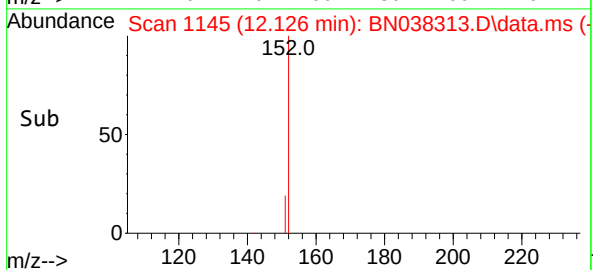
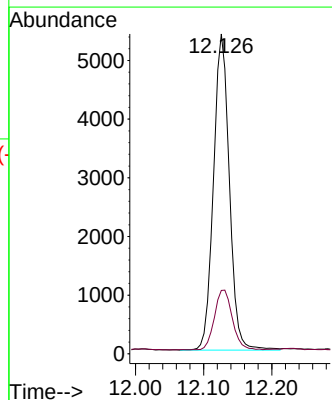
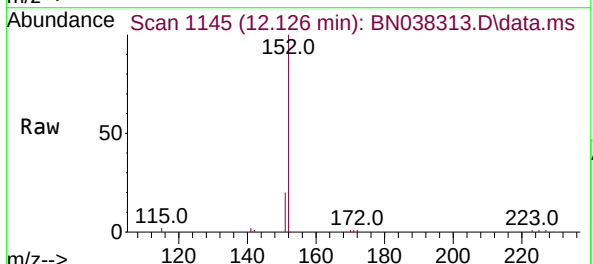
Instrument :
BNA_N
ClientSampleId :
BR-03D-490-120325

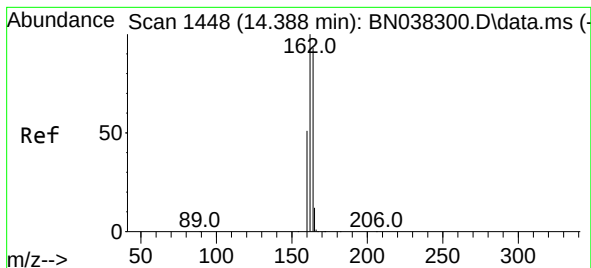
Tgt Ion:128 Resp: 2469
Ion Ratio Lower Upper
128 100
129 16.2 9.1 13.7#
127 16.5 10.9 16.3#



#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 12.126 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

Tgt Ion:152 Resp: 8721
Ion Ratio Lower Upper
152 100
151 21.4 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.398 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BN038313.D

Acq: 11 Dec 2025 12:25

Instrument :

BNA_N

ClientSampleId :

BR-03D-490-120325

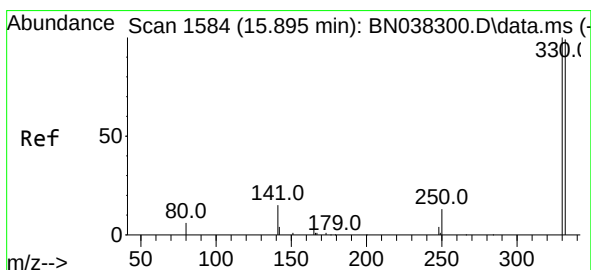
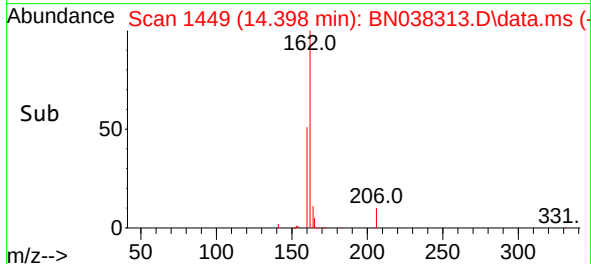
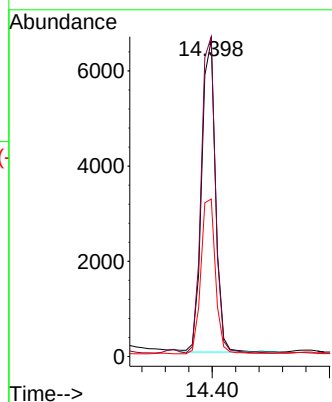
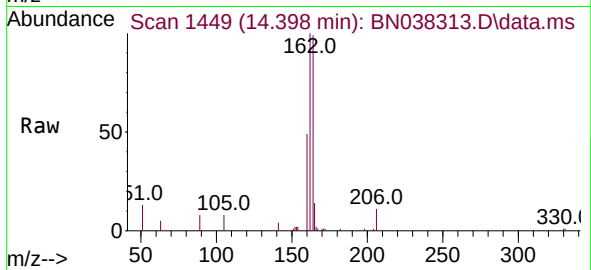
Tgt Ion:164 Resp: 10732

Ion Ratio Lower Upper

164 100

162 101.1 86.2 129.4

160 49.8 44.6 67.0



#14

2,4,6-Tribromophenol

Concen: 0.384 ng

RT: 15.895 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BN038313.D

Acq: 11 Dec 2025 12:25

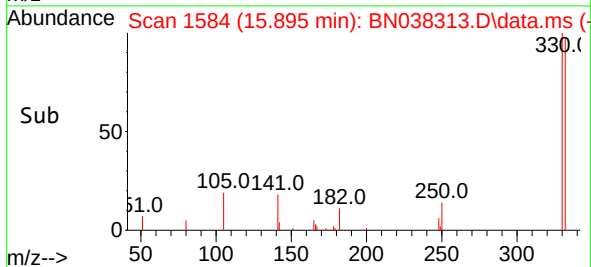
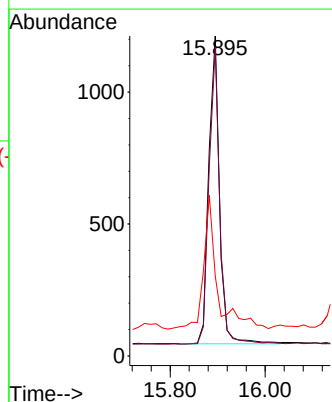
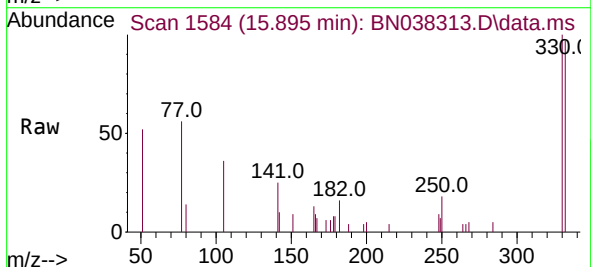
Tgt Ion:330 Resp: 1828

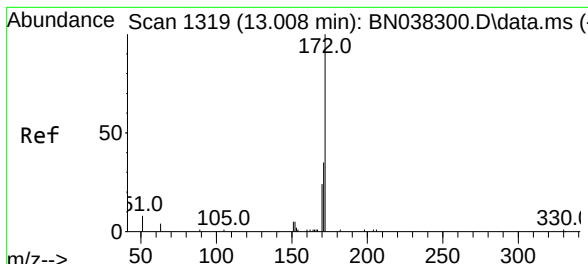
Ion Ratio Lower Upper

330 100

332 95.7 75.8 113.6

141 45.1 31.8 47.8

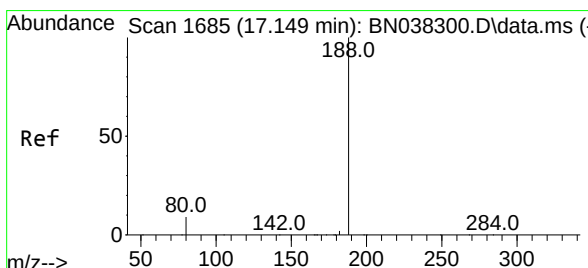
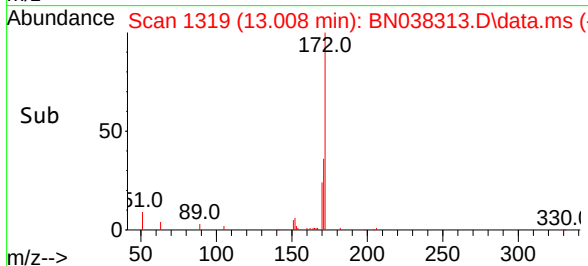
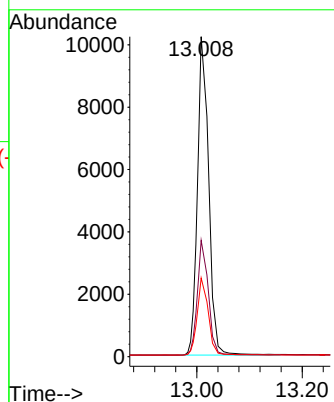
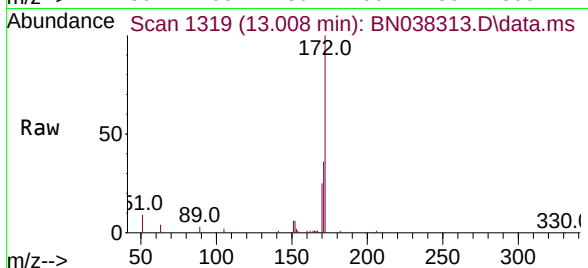




#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 13.008 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

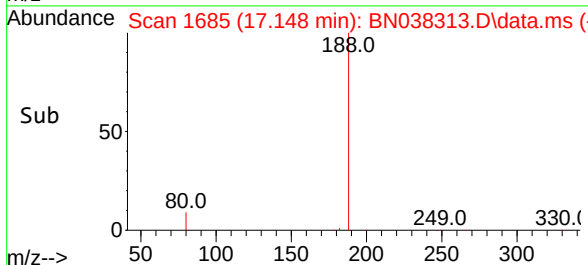
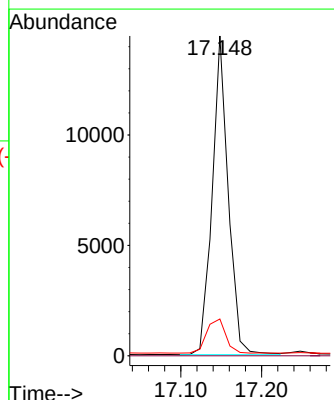
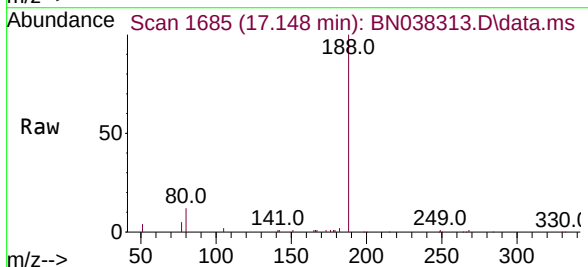
Instrument :
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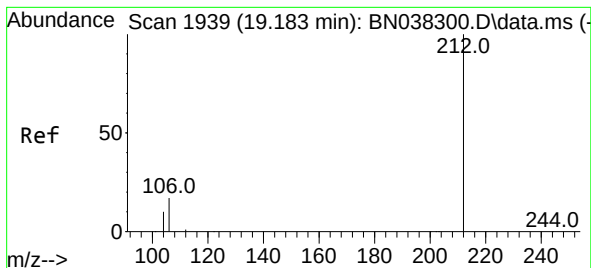
Tgt Ion:	172	Resp:	16951
Ion Ratio	Lower	Upper	
172	100		
171	36.3	28.6	42.8
170	24.6	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BN038313.D
Acq: 11 Dec 2025 12:25

Tgt Ion:	188	Resp:	19954
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.5	7.4	11.0





#27

Fluoranthene-d10

Concen: 0.367 ng

RT: 19.187 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BN038313.D

Acq: 11 Dec 2025 12:25

Instrument :

BNA_N

ClientSampleId :

BR-03D-490-120325

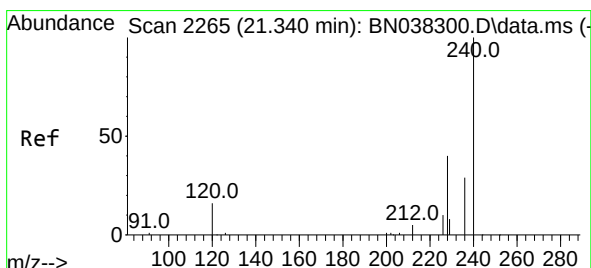
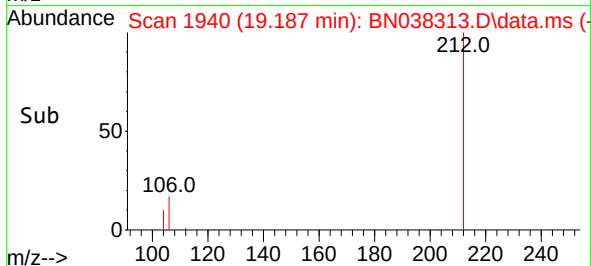
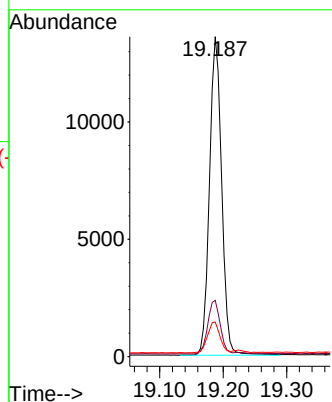
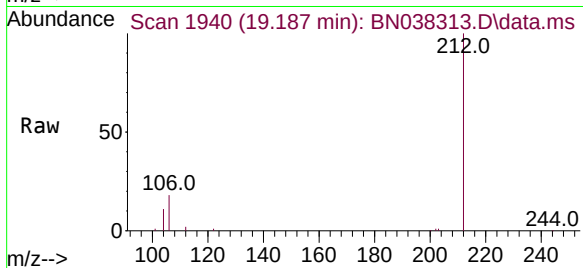
Tgt Ion:212 Resp: 18094

Ion Ratio Lower Upper

212 100

106 17.2 13.7 20.5

104 9.9 7.8 11.8



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.348 min Scan# 2266

Delta R.T. 0.009 min

Lab File: BN038313.D

Acq: 11 Dec 2025 12:25

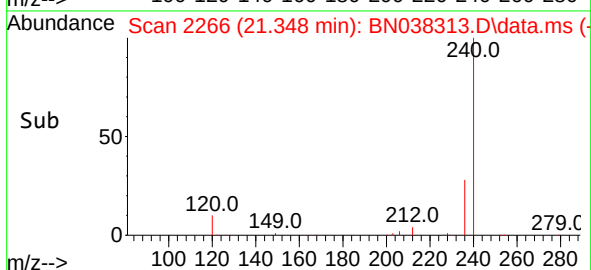
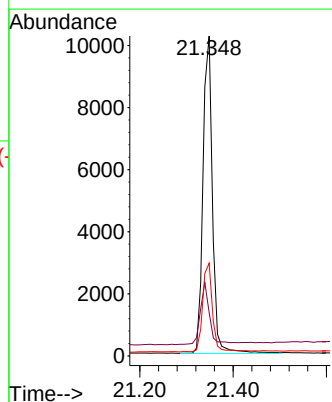
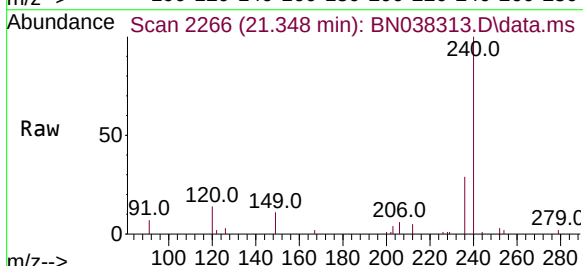
Tgt Ion:240 Resp: 14276

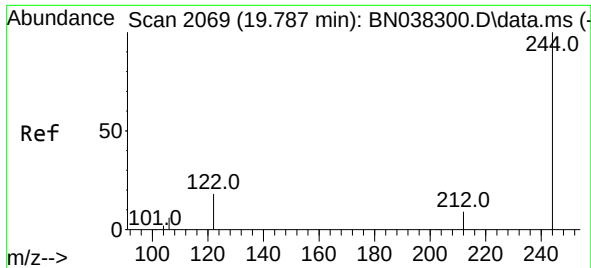
Ion Ratio Lower Upper

240 100

120 13.5 15.4 23.2#

236 29.0 23.9 35.9

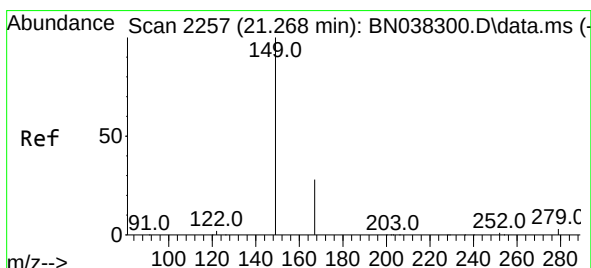
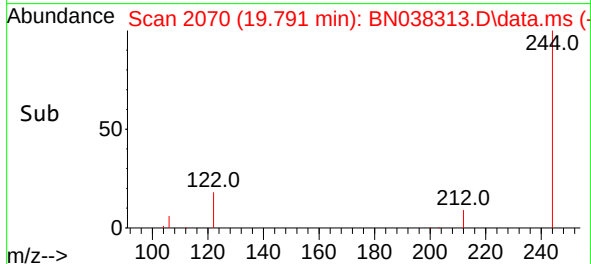
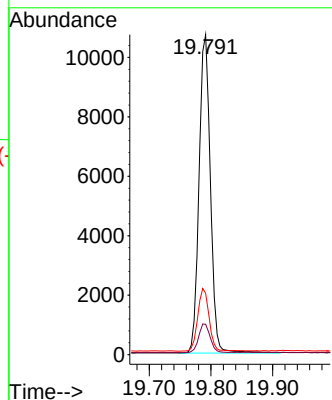
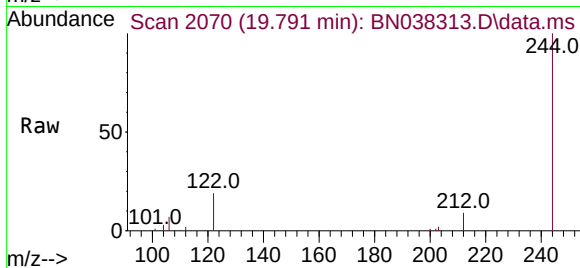




#31
 Terphenyl-d14
 Concen: 0.428 ng
 RT: 19.791 min Scan# 2069
 Delta R.T. -0.000 min
 Lab File: BN038313.D
 Acq: 11 Dec 2025 12:25

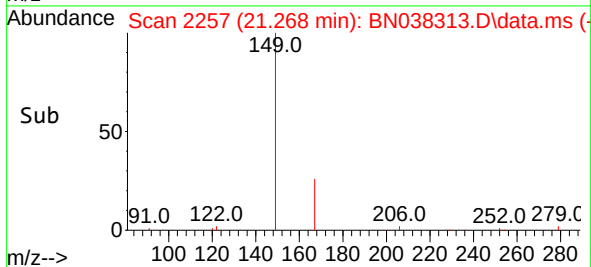
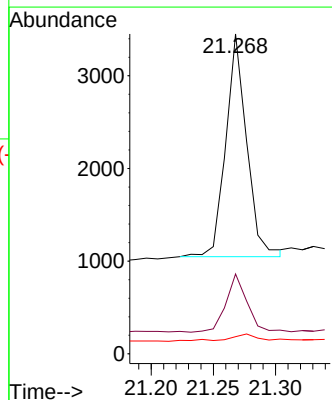
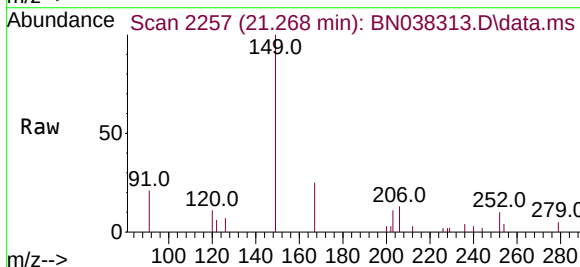
Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-490-120325

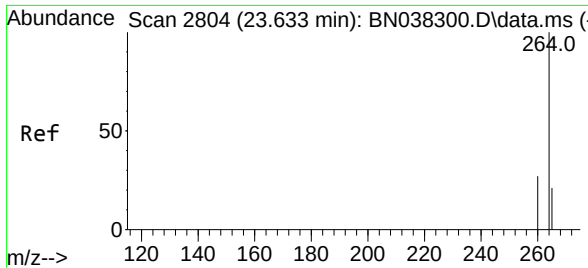
Tgt Ion:244 Resp: 13649
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.9 11.9
 122 19.1 15.0 22.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.093 ng
 RT: 21.268 min Scan# 2257
 Delta R.T. -0.000 min
 Lab File: BN038313.D
 Acq: 11 Dec 2025 12:25

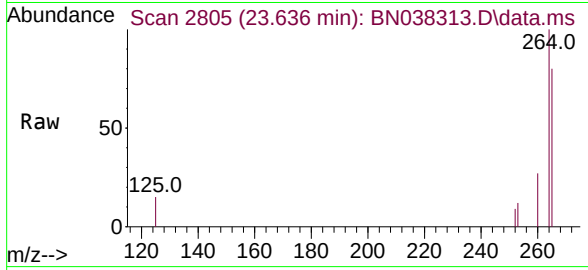
Tgt Ion:149 Resp: 2816
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.4 32.0
 279 3.7 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.636 min Scan# 2805
 Delta R.T. 0.003 min
 Lab File: BN038313.D
 Acq: 11 Dec 2025 12:25

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-490-120325



Tgt Ion: 264 Resp: 14578

Ion	Ratio	Lower	Upper
264	100		
260	27.5	22.2	33.2
265	80.2	80.2	120.2

