

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037841.D
 Acq On : 20 Sep 2025 08:02
 Operator : RC/JU
 Sample : Q3127-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20250916

Quant Time: Sep 22 00:36:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

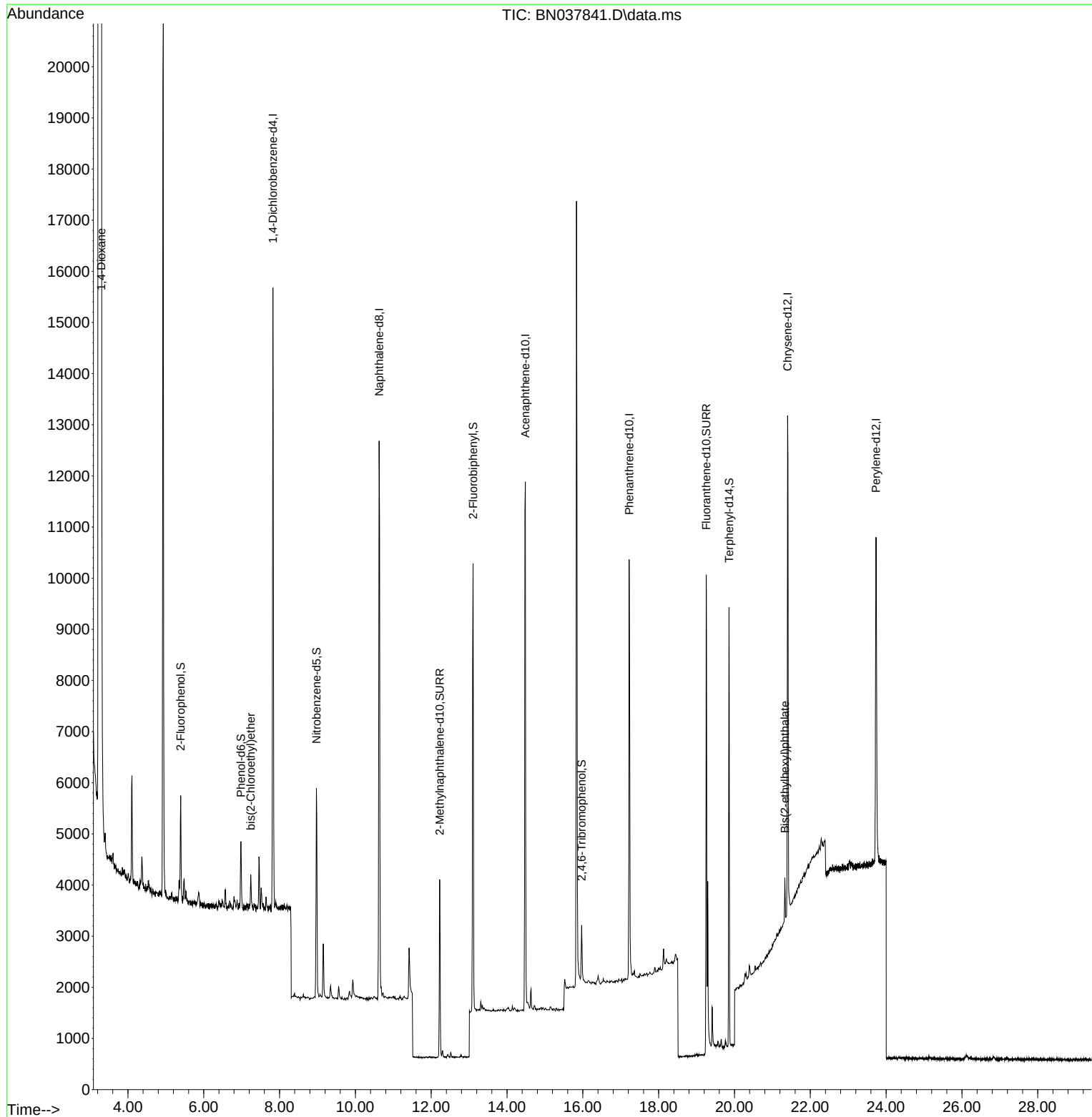
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.825	152	5705	0.400 ng	-0.01
7) Naphthalene-d8	10.626	136	14784	0.400 ng	#-0.02
13) Acenaphthene-d10	14.484	164	6252	0.400 ng	-0.01
19) Phenanthrene-d10	17.223	188	10893	0.400 ng	-0.01
29) Chrysene-d12	21.402	240	9428	0.400 ng	#-0.02
35) Perylene-d12	23.736	264	9043	0.400 ng	#-0.02
System Monitoring Compounds					
4) 2-Fluorophenol	5.392	112	1552	0.119 ng	0.00
5) Phenol-d6	6.980	99	1144	0.067 ng	0.00
8) Nitrobenzene-d5	8.971	82	3302	0.305 ng	-0.02
11) 2-Methylnaphthalene-d10	12.222	152	4817	0.246 ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	665	0.408 ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	7767	0.297 ng	-0.01
27) Fluoranthene-d10	19.257	212	10187	0.372 ng	-0.01
31) Terphenyl-d14	19.856	244	7832	0.409 ng	-0.01
Target Compounds					
2) 1,4-Dioxane	3.297	88	17124	2.882 ng	Qvalue 96
6) bis(2-Chloroethyl)ether	7.240	93	456	0.030 ng	90
34) Bis(2-ethylhexyl)phtha...	21.331	149	877	0.090 ng	# 94

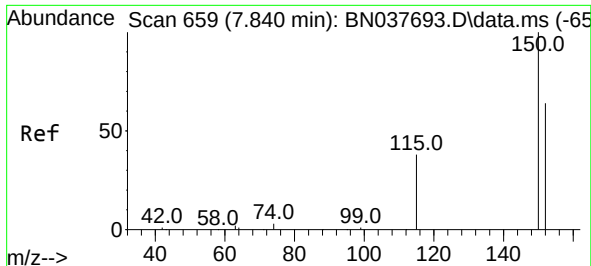
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
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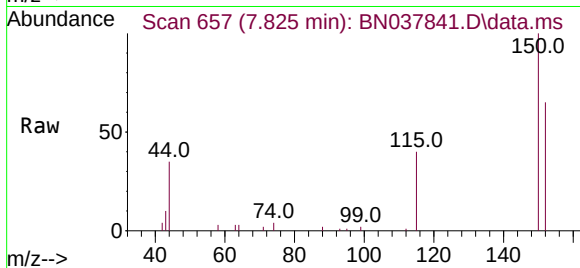
Quant Time: Sep 22 00:36:33 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



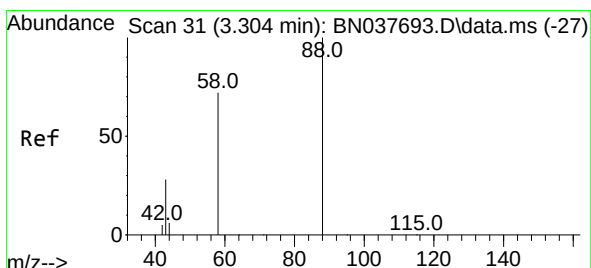
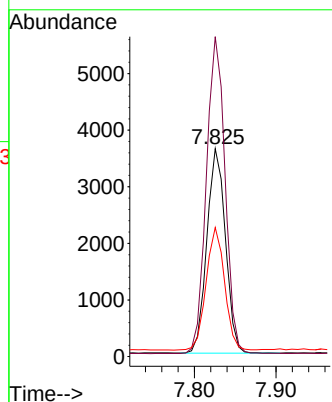
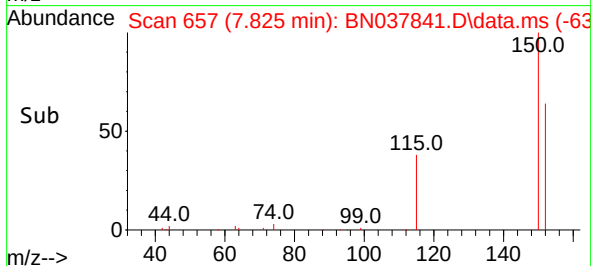


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN037841.D
 Acq: 20 Sep 2025 08:02

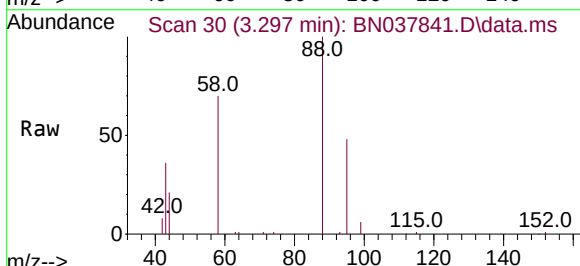
Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20250916



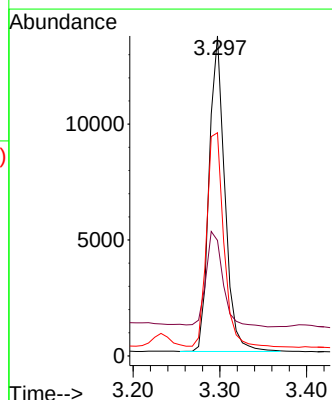
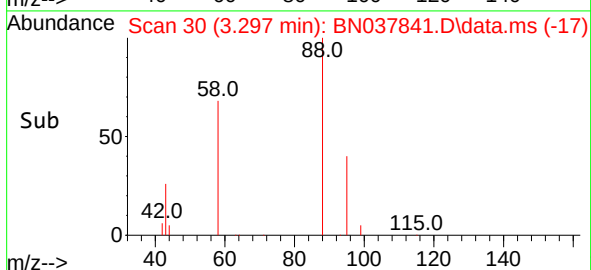
Tgt Ion:152 Resp: 5705
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.5 186.7
 115 62.0 49.2 73.8

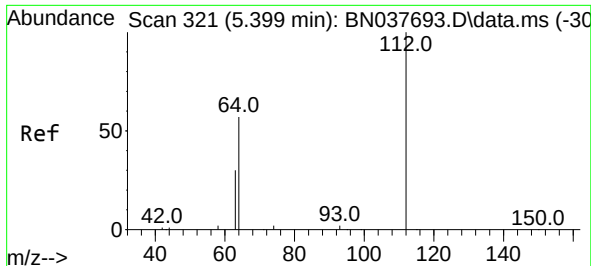


#2
 1,4-Dioxane
 Concen: 2.882 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037841.D
 Acq: 20 Sep 2025 08:02



Tgt Ion: 88 Resp: 17124
 Ion Ratio Lower Upper
 88 100
 43 32.4 26.8 40.2
 58 73.7 61.9 92.9

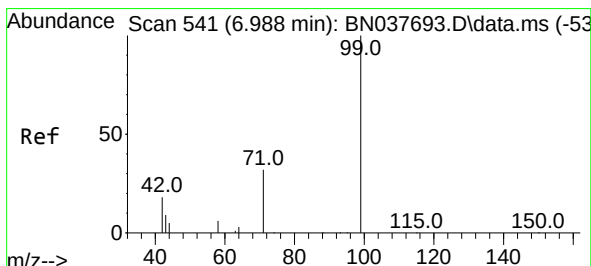
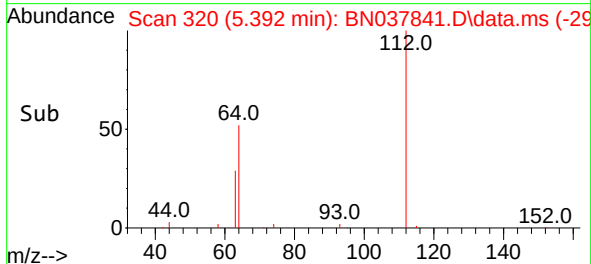
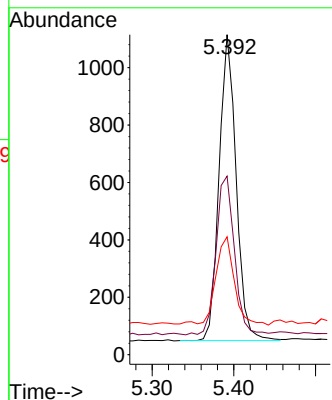
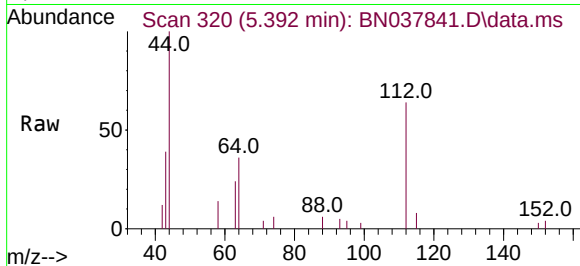




#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037841.D
Acq: 20 Sep 2025 08:02

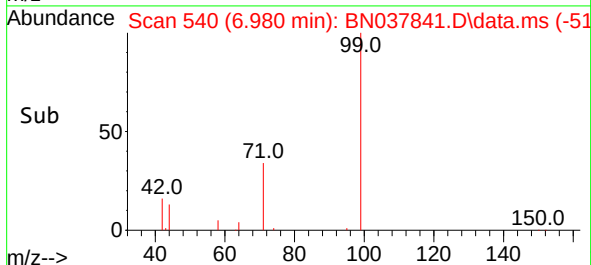
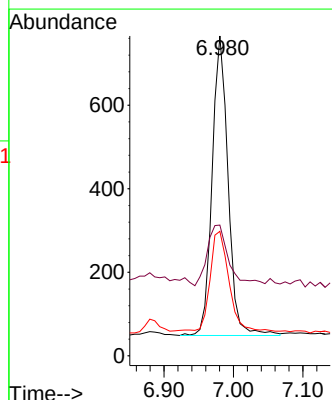
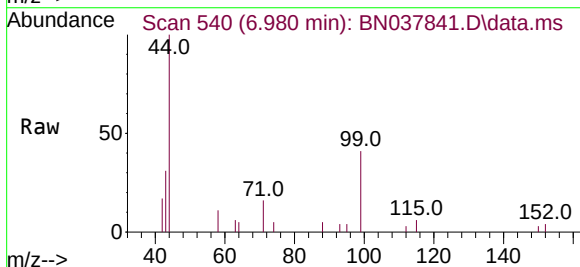
Instrument :
BNA_N
ClientSampleId :
RE132D7-20250916

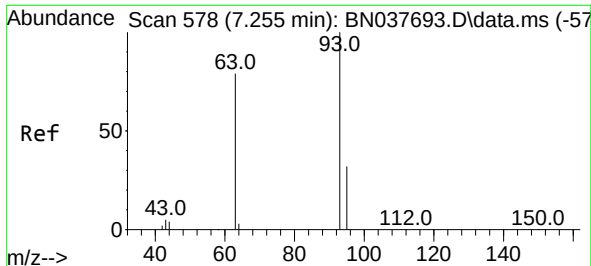
Tgt Ion:112 Resp: 1552
Ion Ratio Lower Upper
112 100
64 56.0 44.9 67.3
63 31.8 24.7 37.1



#5
Phenol-d6
Concen: 0.067 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037841.D
Acq: 20 Sep 2025 08:02

Tgt Ion: 99 Resp: 1144
Ion Ratio Lower Upper
99 100
42 27.1 16.6 24.8#
71 39.9 26.7 40.1

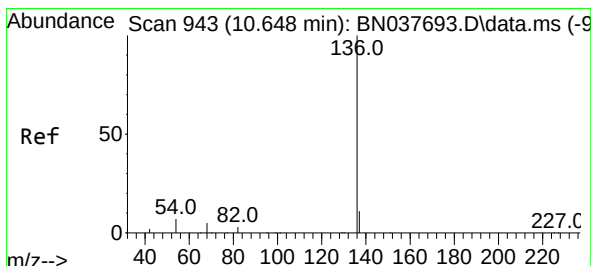
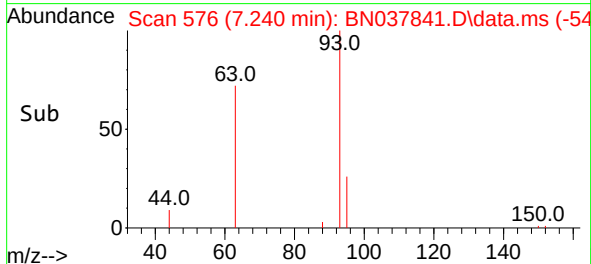
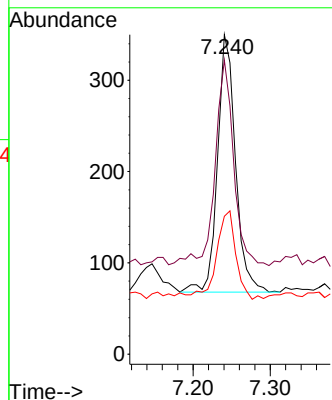
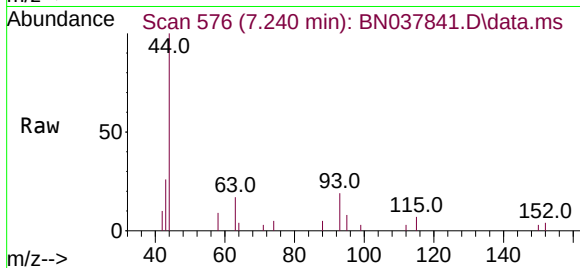




#6
bis(2-Chloroethyl)ether
Concen: 0.030 ng
RT: 7.240 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN037841.D
Acq: 20 Sep 2025 08:02

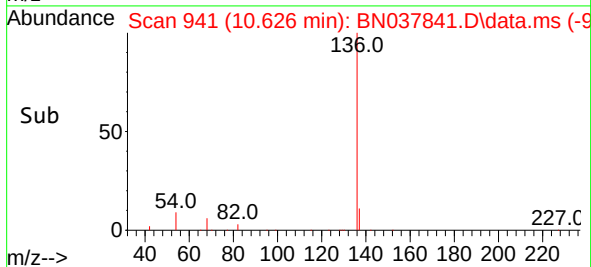
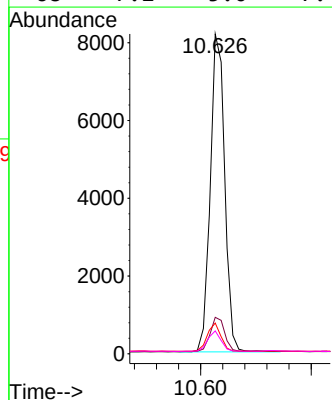
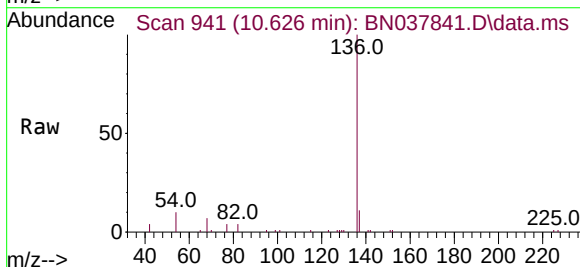
Instrument :
BNA_N
ClientSampleId :
RE132D7-20250916

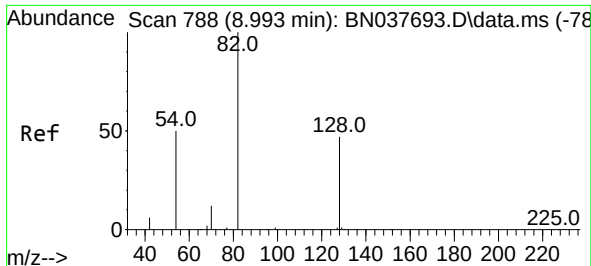
Tgt Ion: 93 Resp: 456
Ion Ratio Lower Upper
93 100
63 85.5 60.6 90.8
95 36.0 26.0 39.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.021 min
Lab File: BN037841.D
Acq: 20 Sep 2025 08:02

Tgt Ion: 136 Resp: 14784
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 9.6 6.3 9.5#
68 7.2 5.0 7.4

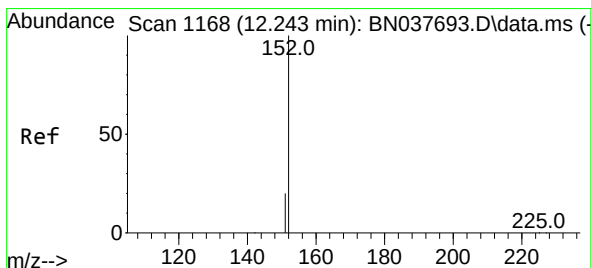
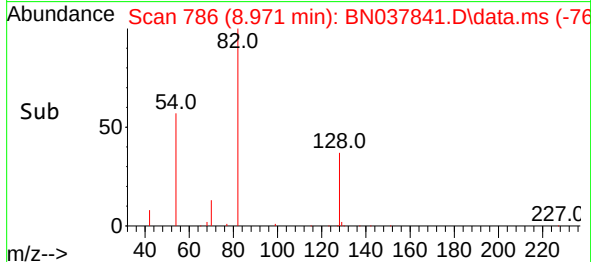
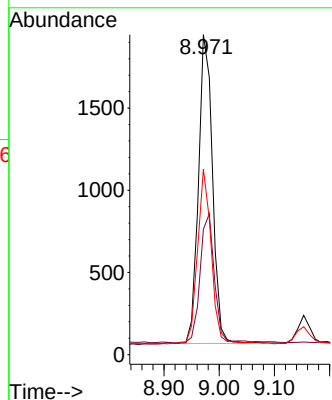
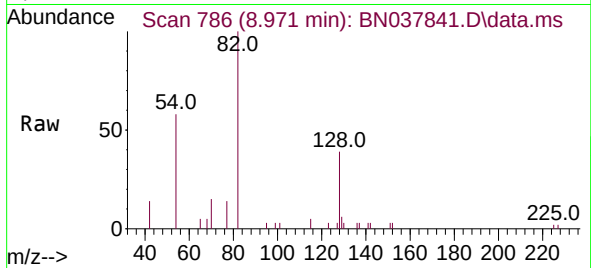




#8
 Nitrobenzene-d5
 Concen: 0.305 ng
 RT: 8.971 min Scan# 788
 Delta R.T. -0.021 min
 Lab File: BN037841.D
 Acq: 20 Sep 2025 08:02

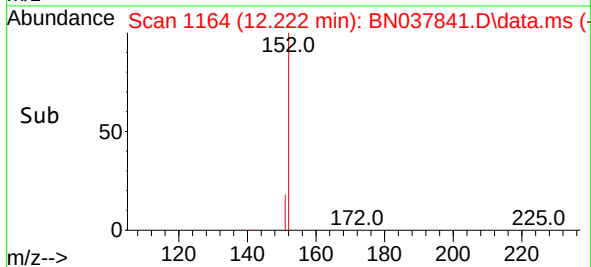
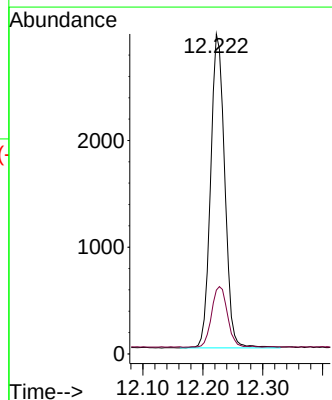
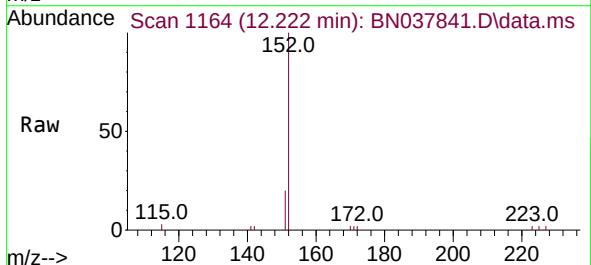
Instrument :
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 ClientSampleId :
 RE132D7-20250916

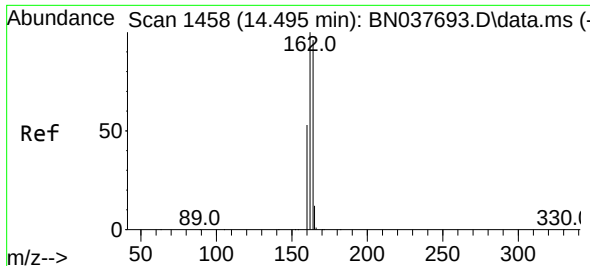
Tgt Ion: 82 Resp: 3302
 Ion Ratio Lower Upper
 82 100
 128 39.2 38.3 57.5
 54 58.0 41.4 62.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.246 ng
 RT: 12.222 min Scan# 1164
 Delta R.T. -0.020 min
 Lab File: BN037841.D
 Acq: 20 Sep 2025 08:02

Tgt Ion: 152 Resp: 4817
 Ion Ratio Lower Upper
 152 100
 151 21.7 17.0 25.6

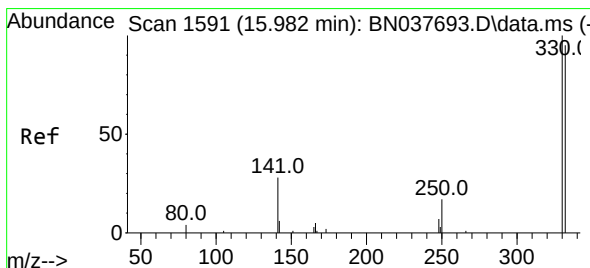
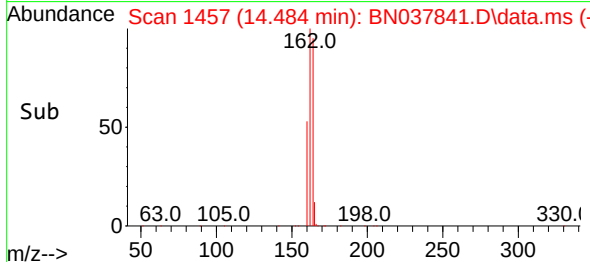
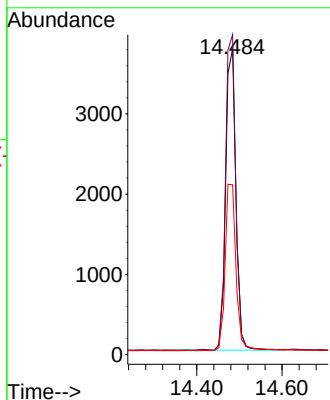
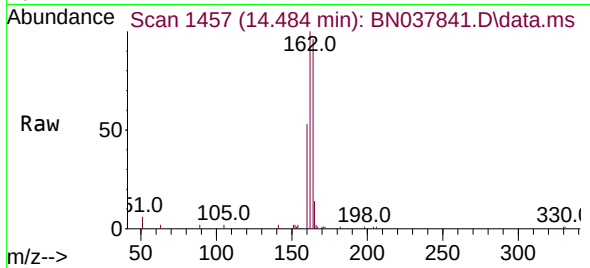




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037841.D
Acq: 20 Sep 2025 08:02

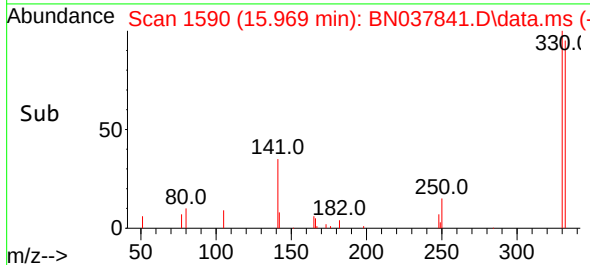
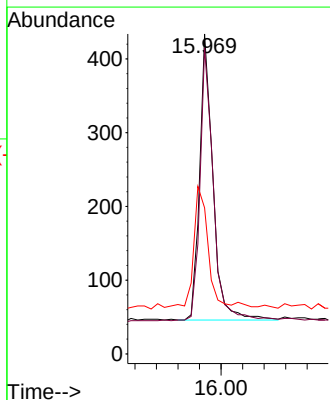
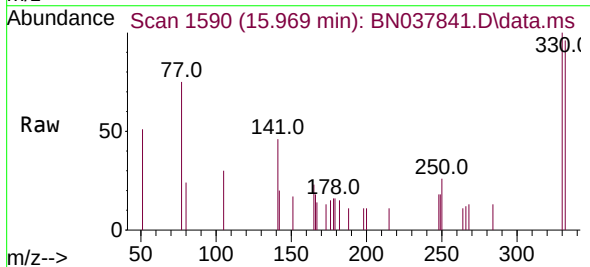
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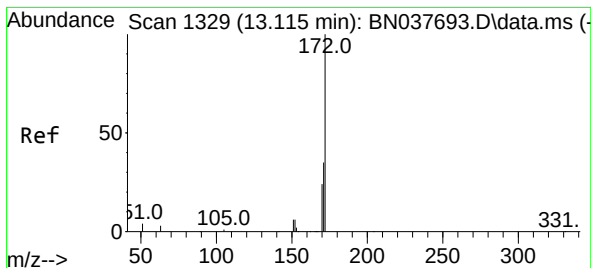
Tgt Ion:164 Resp: 6252
Ion Ratio Lower Upper
164 100
162 104.7 83.1 124.7
160 55.6 44.3 66.5



#14
2,4,6-Tribromophenol
Concen: 0.408 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037841.D
Acq: 20 Sep 2025 08:02

Tgt Ion:330 Resp: 665
Ion Ratio Lower Upper
330 100
332 95.9 75.3 112.9
141 42.6 35.0 52.4

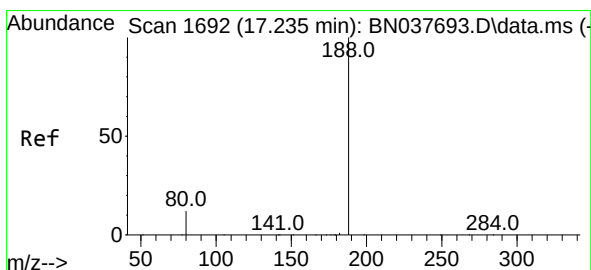
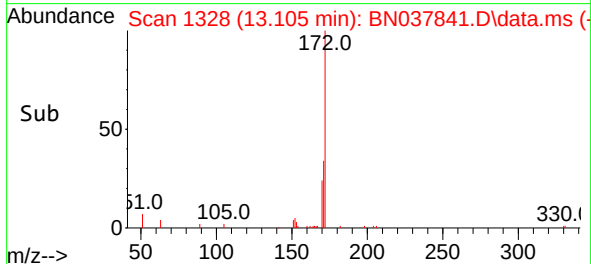
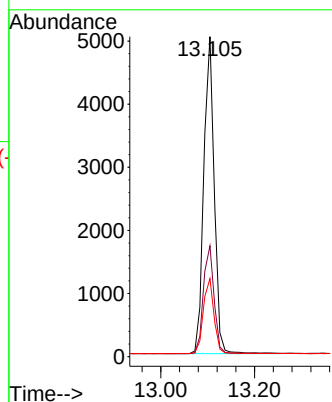
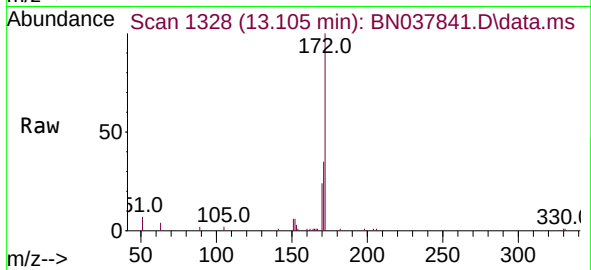




#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037841.D
Acq: 20 Sep 2025 08:02

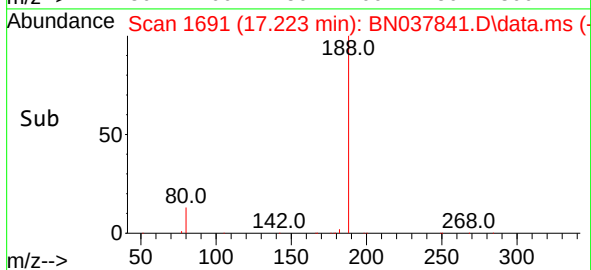
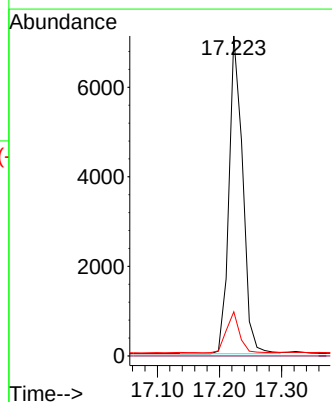
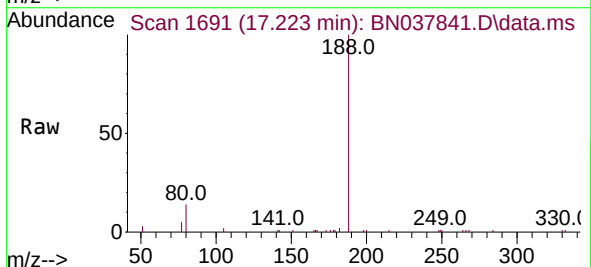
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RE132D7-20250916

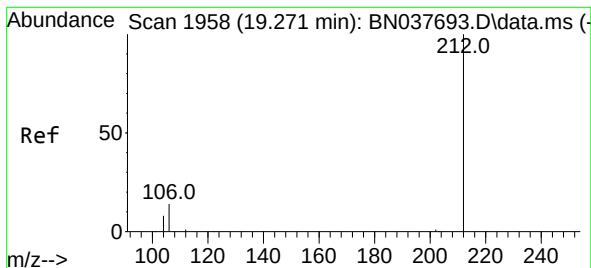
Tgt Ion:172 Resp: 7767
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 24.4 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN037841.D
Acq: 20 Sep 2025 08:02

Tgt Ion:188 Resp: 10893
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 10.6 15.8





#27

Fluoranthene-d10

Concen: 0.372 ng

RT: 19.257 min Scan# 19

Delta R.T. -0.014 min

Lab File: BN037841.D

Acq: 20 Sep 2025 08:02

Instrument :

BNA_N

ClientSampleId :

RE132D7-20250916

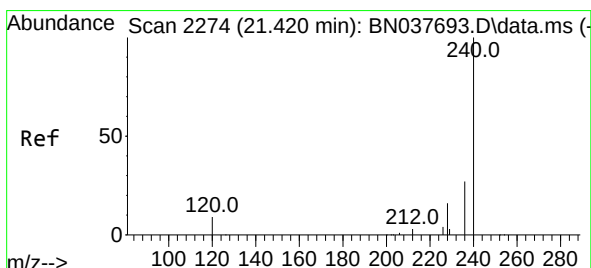
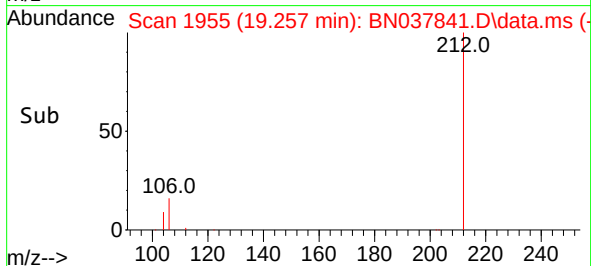
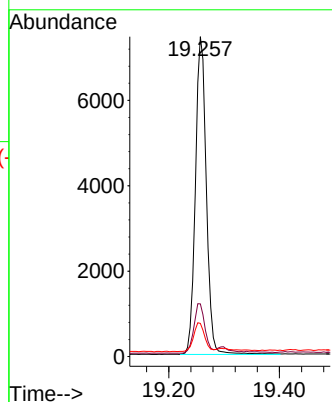
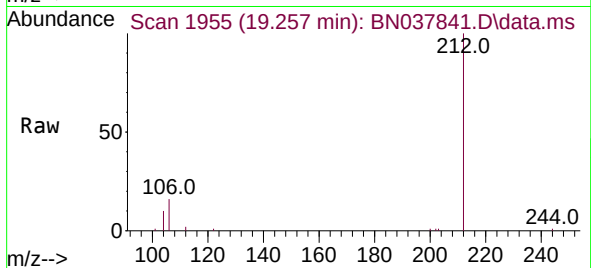
Tgt Ion:212 Resp: 10187

Ion Ratio Lower Upper

212 100

106 15.7 12.2 18.2

104 9.2 6.9 10.3



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.402 min Scan# 2272

Delta R.T. -0.018 min

Lab File: BN037841.D

Acq: 20 Sep 2025 08:02

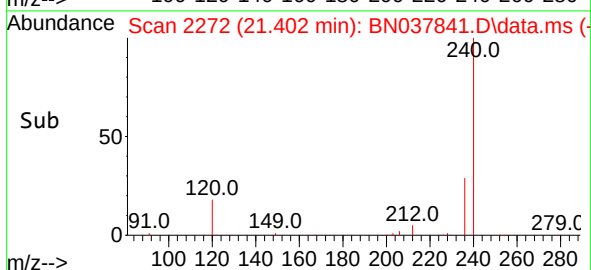
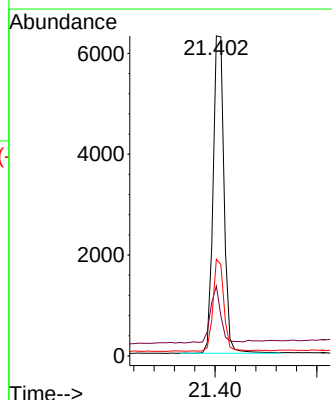
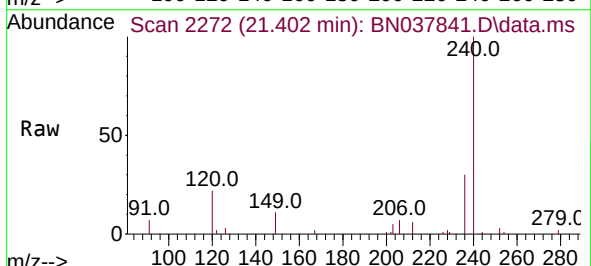
Tgt Ion:240 Resp: 9428

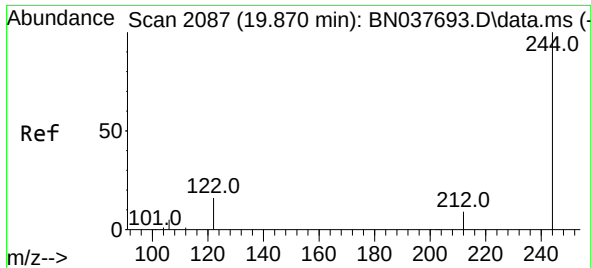
Ion Ratio Lower Upper

240 100

120 21.8 9.2 13.8#

236 30.2 22.6 33.8

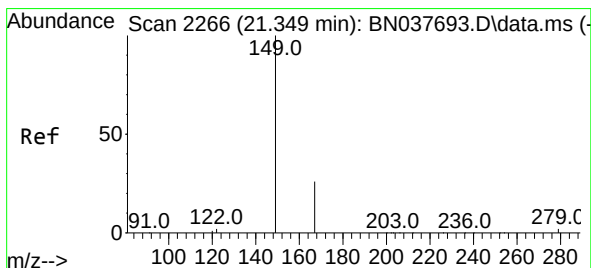
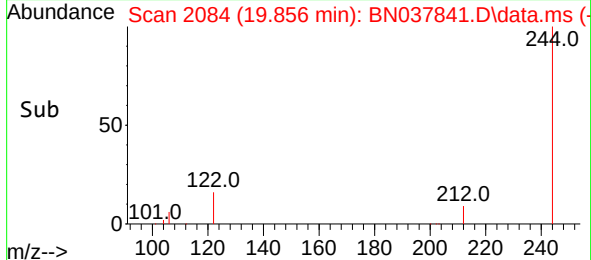
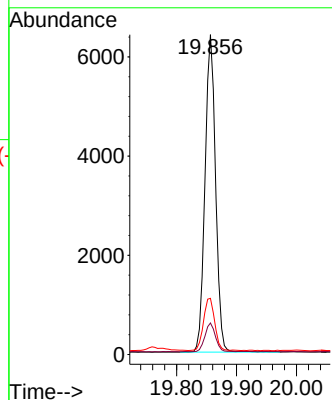
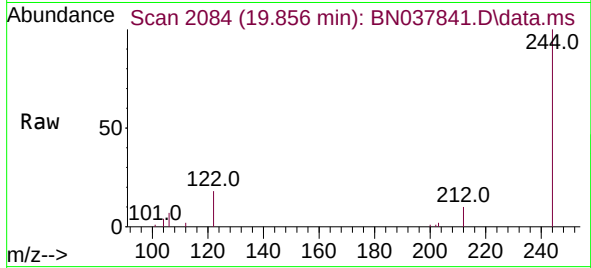




#31
 Terphenyl-d14
 Concen: 0.409 ng
 RT: 19.856 min Scan# 2084
 Delta R.T. -0.014 min
 Lab File: BN037841.D
 Acq: 20 Sep 2025 08:02

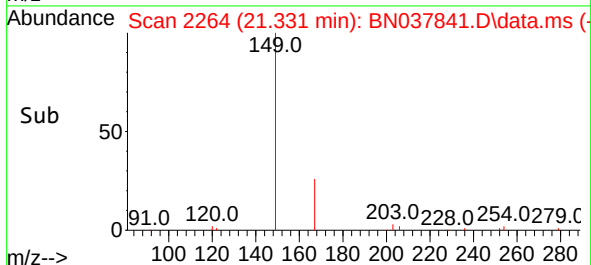
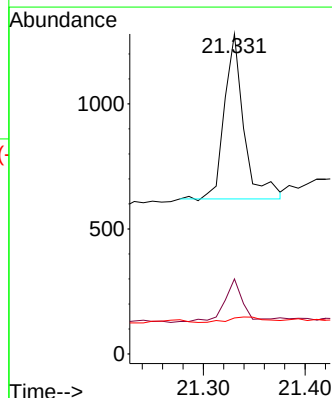
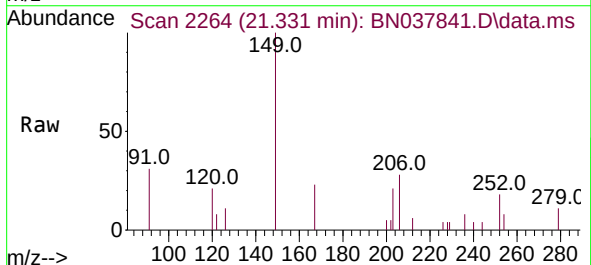
Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20250916

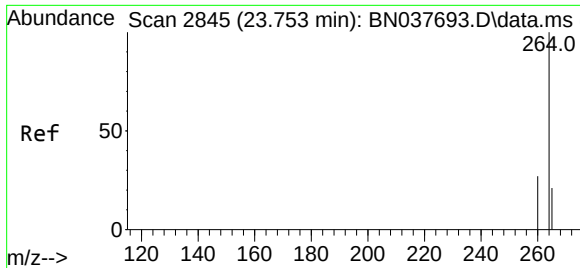
Tgt Ion:244 Resp: 7832
 Ion Ratio Lower Upper
 244 100
 212 9.9 7.5 11.3
 122 17.6 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.090 ng
 RT: 21.331 min Scan# 2264
 Delta R.T. -0.018 min
 Lab File: BN037841.D
 Acq: 20 Sep 2025 08:02

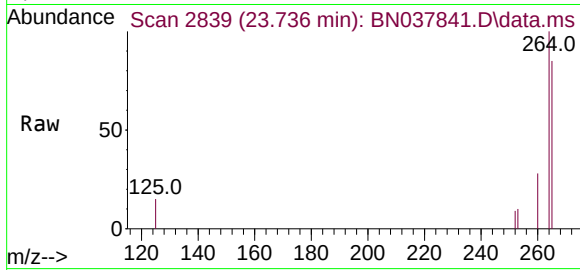
Tgt Ion:149 Resp: 877
 Ion Ratio Lower Upper
 149 100
 167 23.1 20.8 31.2
 279 6.3 3.3 4.9#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.736 min Scan# 2845
Delta R.T. -0.018 min
Lab File: BN037841.D
Acq: 20 Sep 2025 08:02

Instrument :
BNA_N
ClientSampleId :
RE132D7-20250916



Tgt Ion:264 Resp: 9043

Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.8	32.8
265	84.9	39.4	59.2

