

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037837.D
 Acq On : 20 Sep 2025 05:37
 Operator : RC/JU
 Sample : Q3127-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20250916

Quant Time: Sep 22 00:35:34 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

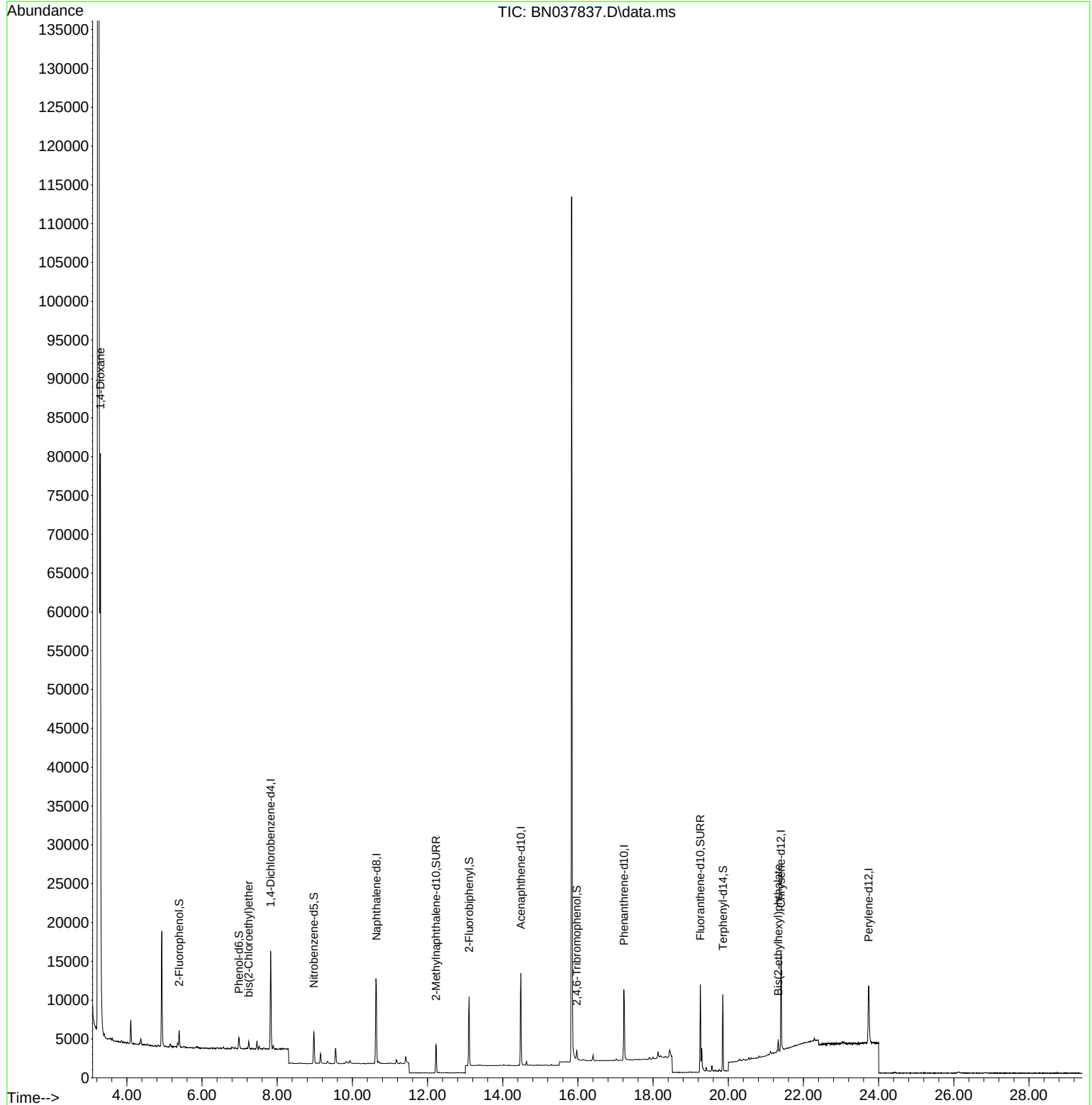
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.826	152	5840	0.400 ng	-0.01
7) Naphthalene-d8	10.637	136	15290	0.400 ng	#-0.01
13) Acenaphthene-d10	14.484	164	6642	0.400 ng	-0.01
19) Phenanthrene-d10	17.223	188	12889	0.400 ng	-0.01
29) Chrysene-d12	21.402	240	11537	0.400 ng	#-0.02
35) Perylene-d12	23.736	264	10995	0.400 ng	#-0.02
System Monitoring Compounds					
4) 2-Fluorophenol	5.392	112	1694	0.126 ng	0.00
5) Phenol-d6	6.981	99	1292	0.074 ng	0.00
8) Nitrobenzene-d5	8.971	82	3446	0.308 ng	-0.02
11) 2-Methylnaphthalene-d10	12.228	152	4916	0.243 ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	760	0.439 ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	7511	0.270 ng	-0.01
27) Fluoranthene-d10	19.257	212	12217	0.378 ng	-0.01
31) Terphenyl-d14	19.857	244	9144	0.390 ng	-0.01
Target Compounds					
2) 1,4-Dioxane	3.297	88	32669	5.371 ng	Qvalue 95
6) bis(2-Chloroethyl)ether	7.241	93	654	0.042 ng	96
34) Bis(2-ethylhexyl)phtha...	21.331	149	1707	0.143 ng	# 98

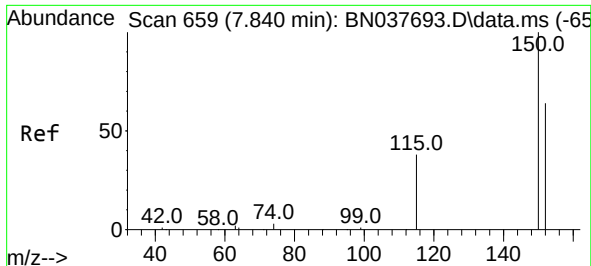
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
Data File : BN037837.D
Acq On : 20 Sep 2025 05:37
Operator : RC/JU
Sample : Q3127-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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RE132D6-20250916

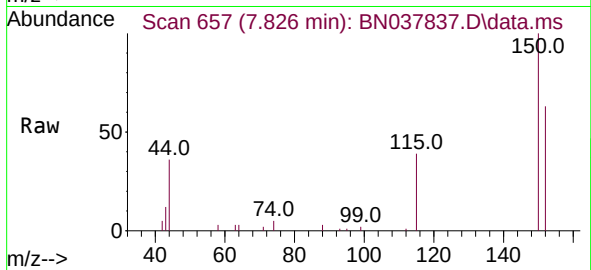
Quant Time: Sep 22 00:35:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



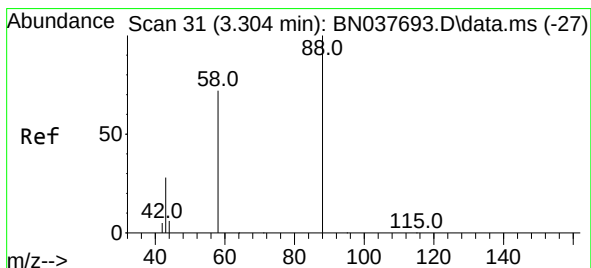
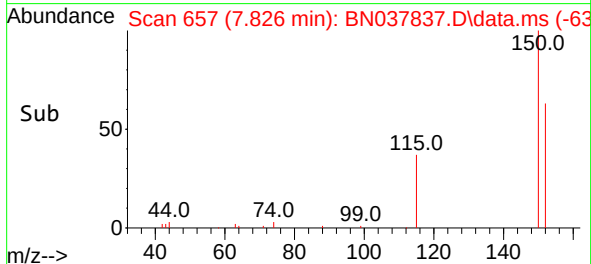
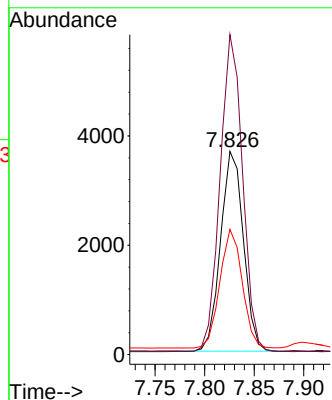


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.826 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037837.D
 Acq: 20 Sep 2025 05:37

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20250916

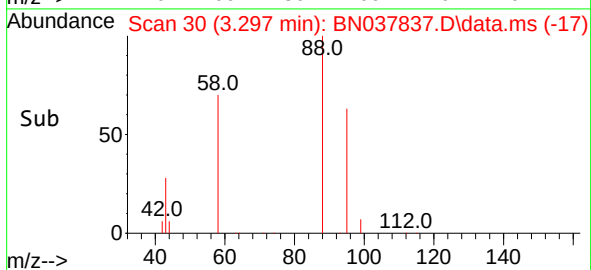
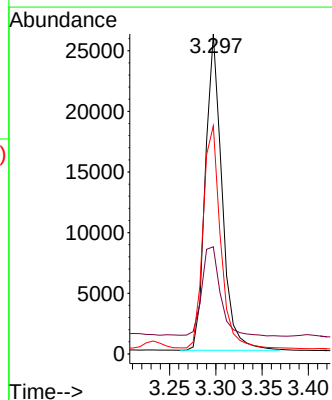
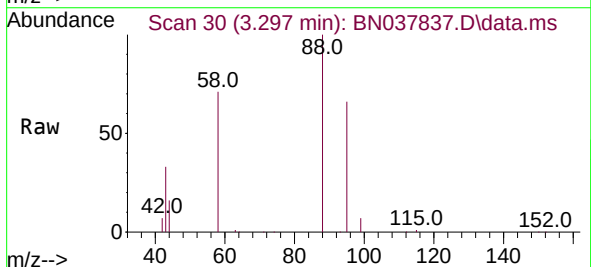


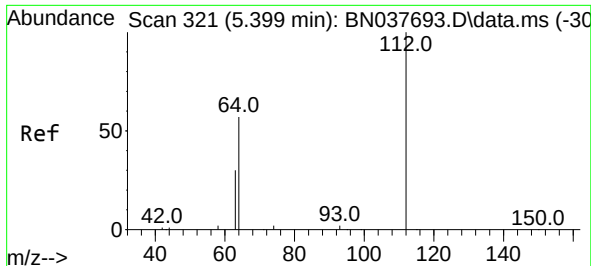
Tgt Ion:152 Resp: 5840
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.5 186.7
 115 61.6 49.2 73.8



#2
 1,4-Dioxane
 Concen: 5.371 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037837.D
 Acq: 20 Sep 2025 05:37

Tgt Ion: 88 Resp: 32669
 Ion Ratio Lower Upper
 88 100
 43 31.4 26.8 40.2
 58 73.1 61.9 92.9

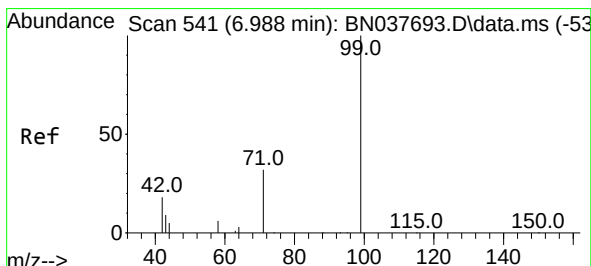
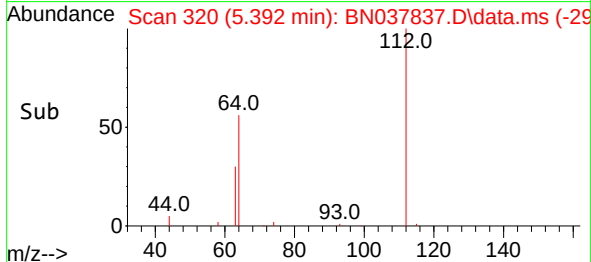
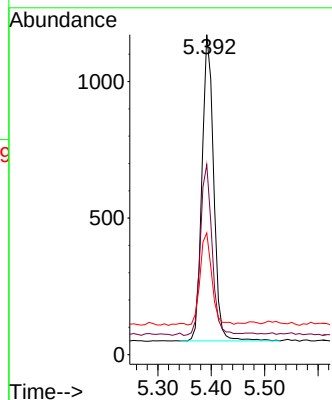
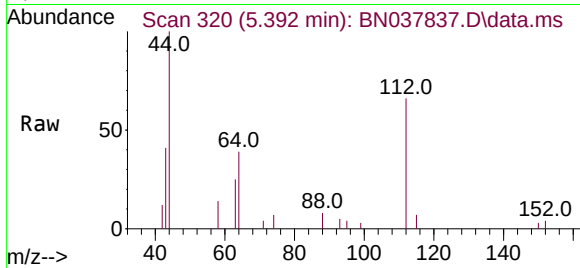




#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037837.D
Acq: 20 Sep 2025 05:37

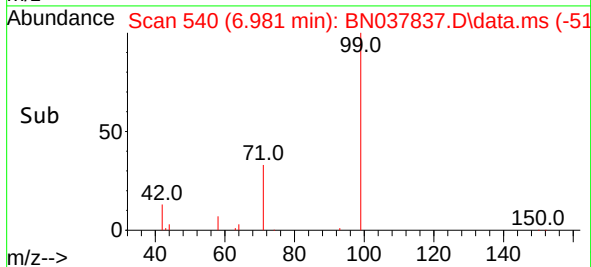
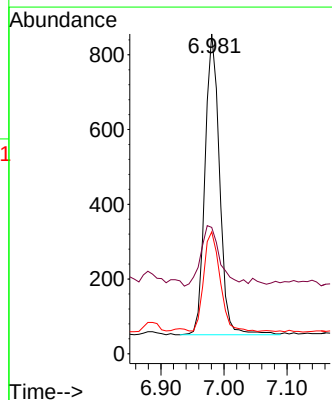
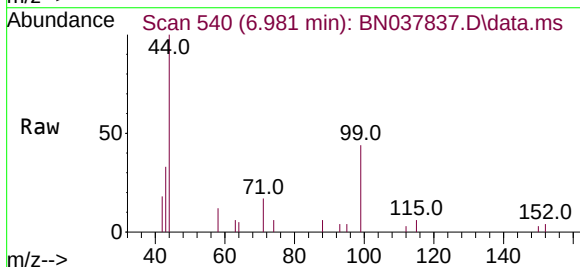
Instrument :
BNA_N
ClientSampleId :
RE132D6-20250916

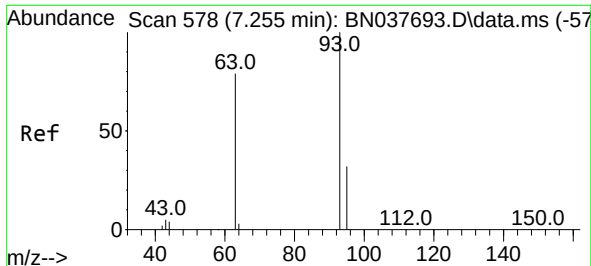
Tgt Ion:112 Resp: 1694
Ion Ratio Lower Upper
112 100
64 56.2 44.9 67.3
63 30.1 24.7 37.1



#5
Phenol-d6
Concen: 0.074 ng
RT: 6.981 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037837.D
Acq: 20 Sep 2025 05:37

Tgt Ion: 99 Resp: 1292
Ion Ratio Lower Upper
99 100
42 26.0 16.6 24.8#
71 36.8 26.7 40.1

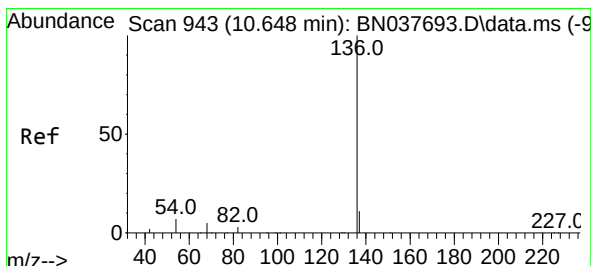
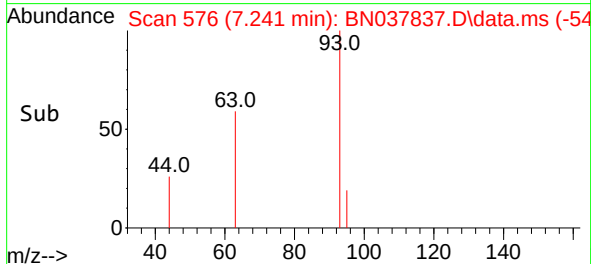
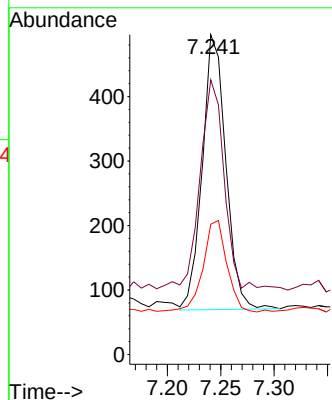
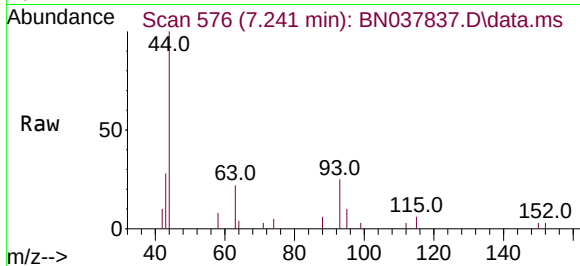




#6
bis(2-Chloroethyl)ether
Concen: 0.042 ng
RT: 7.241 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN037837.D
Acq: 20 Sep 2025 05:37

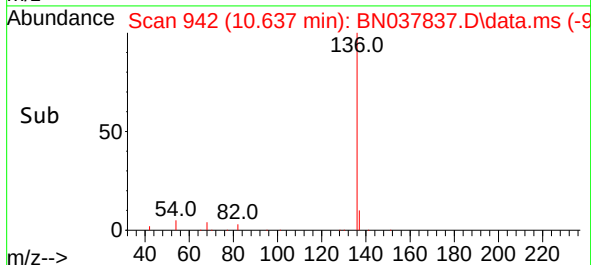
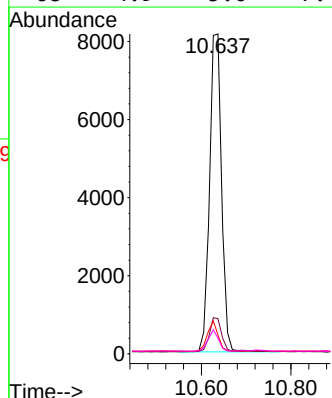
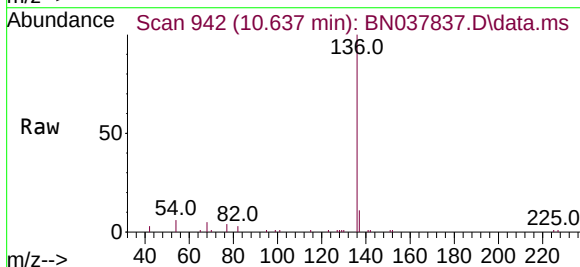
Instrument :
BNA_N
ClientSampleId :
RE132D6-20250916

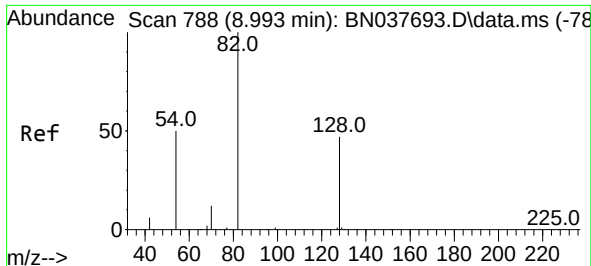
Tgt Ion:	93	Resp:	654
Ion	Ratio	Lower	Upper
93	100		
63	79.7	60.6	90.8
95	33.8	26.0	39.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037837.D
Acq: 20 Sep 2025 05:37

Tgt Ion:	136	Resp:	15290
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	5.9	6.3	9.5#
68	4.9	5.0	7.4#

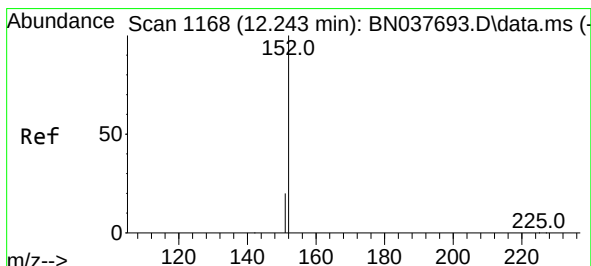
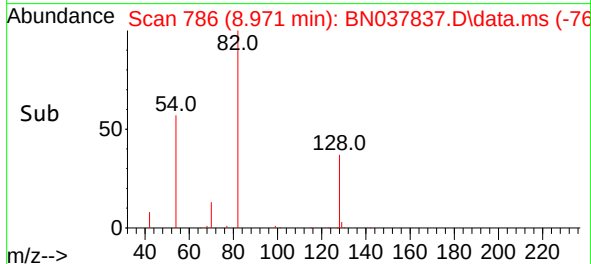
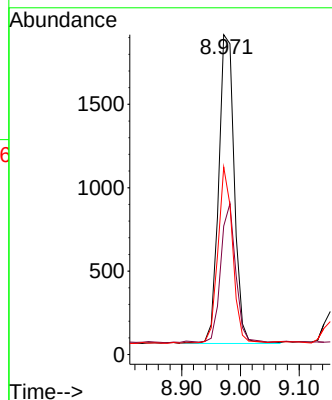
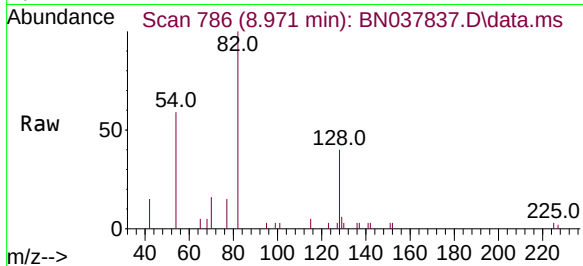




#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 8.971 min Scan# 788
Delta R.T. -0.021 min
Lab File: BN037837.D
Acq: 20 Sep 2025 05:37

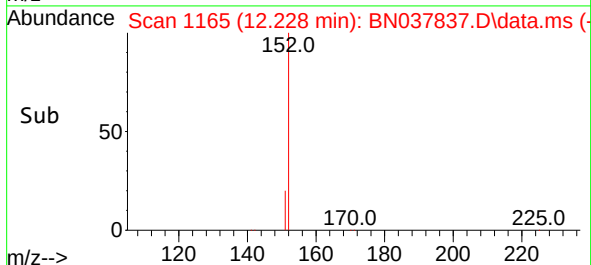
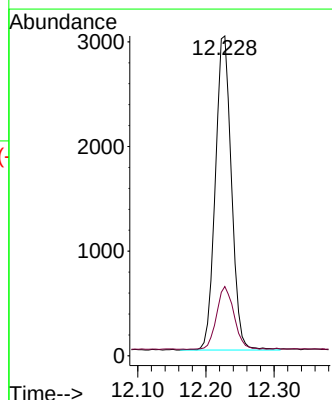
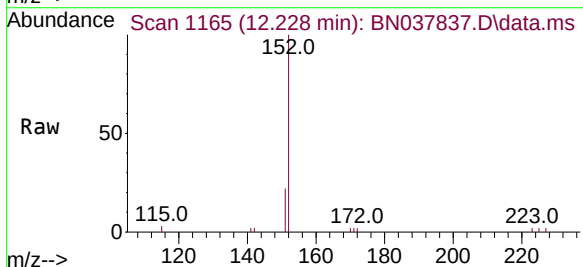
Instrument :
BNA_N
ClientSampleId :
RE132D6-20250916

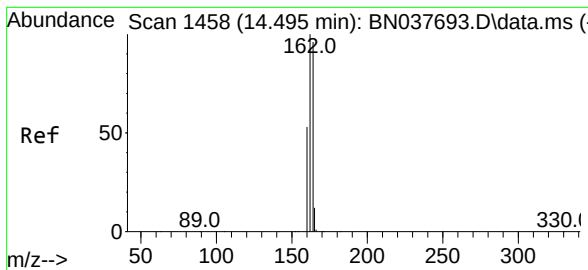
Tgt Ion: 82 Resp: 3446
Ion Ratio Lower Upper
82 100
128 40.1 38.3 57.5
54 58.6 41.4 62.2



#11
2-Methylnaphthalene-d10
Concen: 0.243 ng
RT: 12.228 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037837.D
Acq: 20 Sep 2025 05:37

Tgt Ion: 152 Resp: 4916
Ion Ratio Lower Upper
152 100
151 22.0 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.484 min Scan# 1457

Delta R.T. -0.011 min

Lab File: BN037837.D

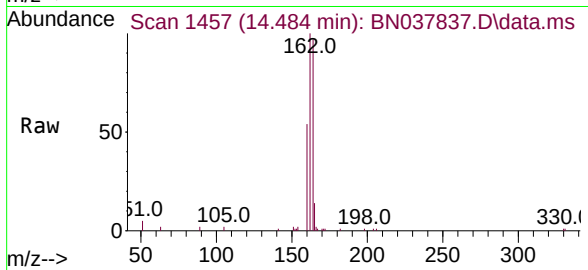
Acq: 20 Sep 2025 05:37

Instrument :

BNA_N

ClientSampleId :

RE132D6-20250916



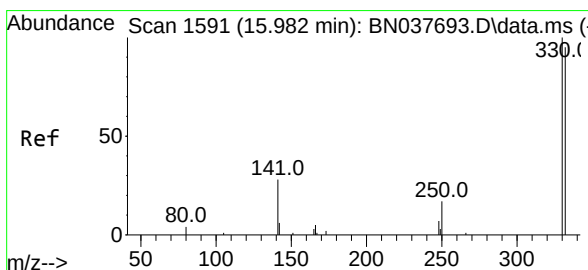
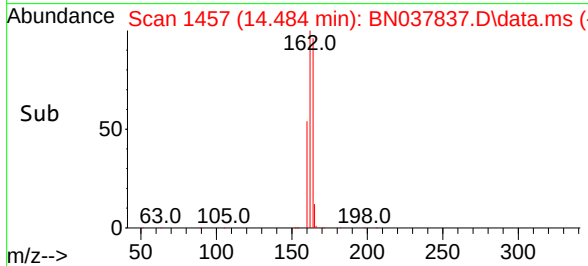
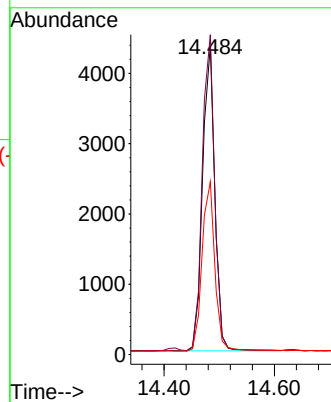
Tgt Ion:164 Resp: 6642

Ion Ratio Lower Upper

164 100

162 103.6 83.1 124.7

160 55.9 44.3 66.5



#14

2,4,6-Tribromophenol

Concen: 0.439 ng

RT: 15.969 min Scan# 1590

Delta R.T. -0.013 min

Lab File: BN037837.D

Acq: 20 Sep 2025 05:37

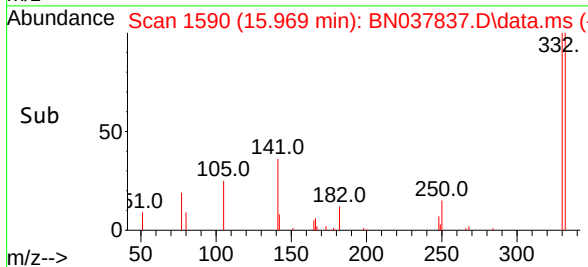
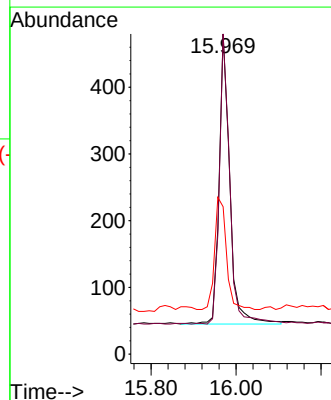
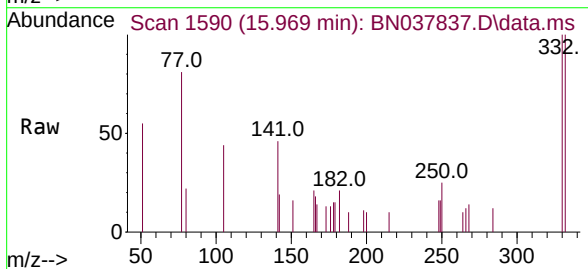
Tgt Ion:330 Resp: 760

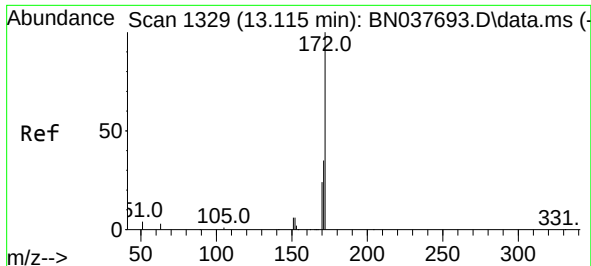
Ion Ratio Lower Upper

330 100

332 97.5 75.3 112.9

141 43.7 35.0 52.4

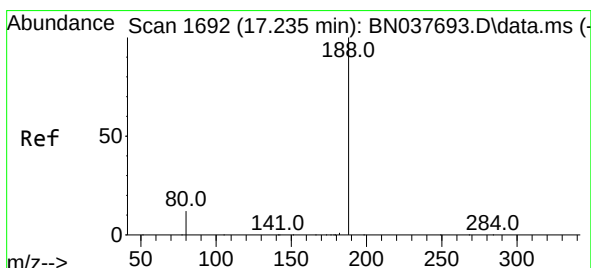
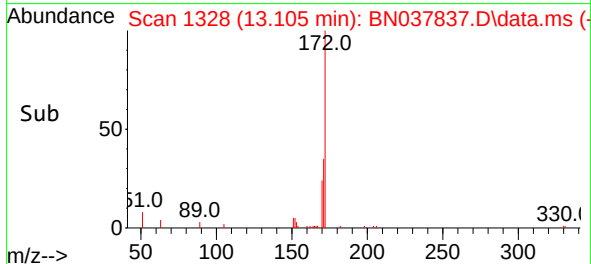
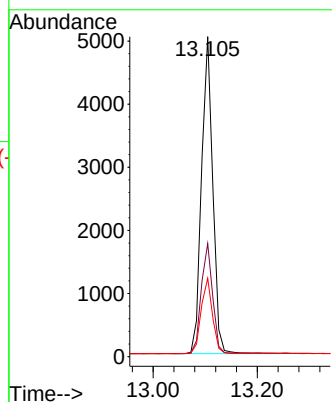
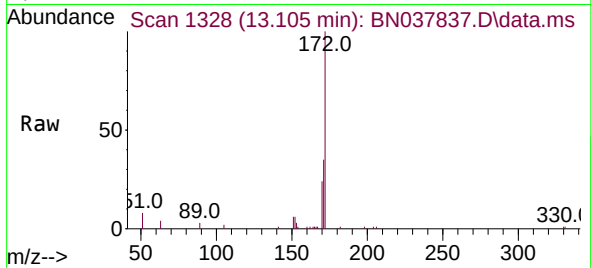




#15
2-Fluorobiphenyl
Concen: 0.270 ng
RT: 13.105 min Scan# 1329
Delta R.T. -0.011 min
Lab File: BN037837.D
Acq: 20 Sep 2025 05:37

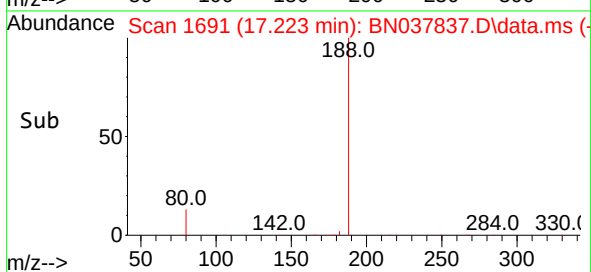
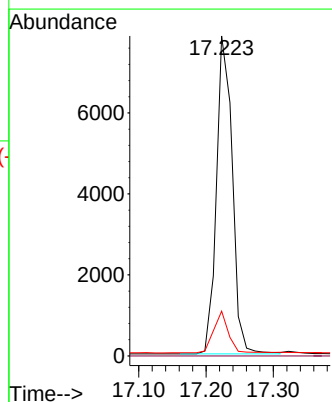
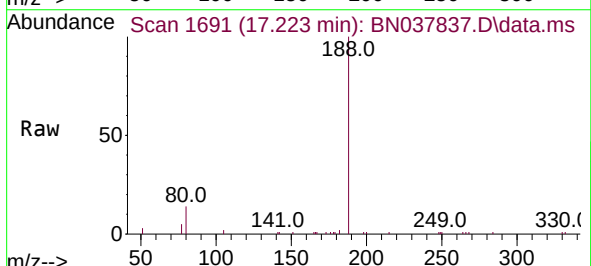
Instrument :
BNA_N
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RE132D6-20250916

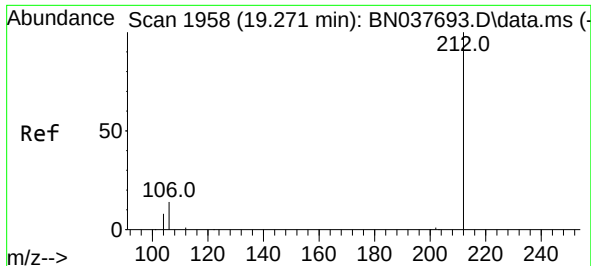
Tgt Ion:172 Resp: 7511
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.5 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN037837.D
Acq: 20 Sep 2025 05:37

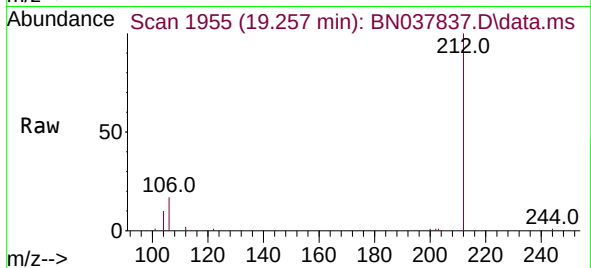
Tgt Ion:188 Resp: 12889
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 10.6 15.8



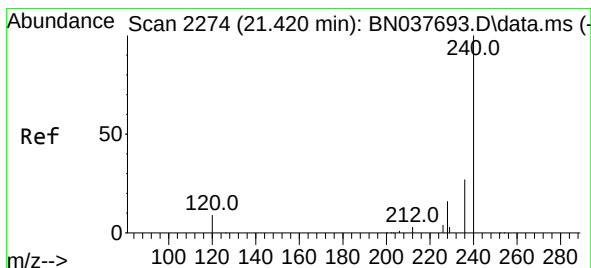
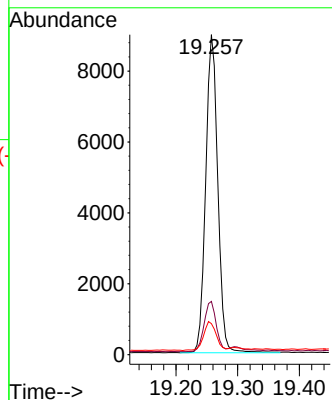


#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037837.D
Acq: 20 Sep 2025 05:37

Instrument :
BNA_N
ClientSampleId :
RE132D6-20250916

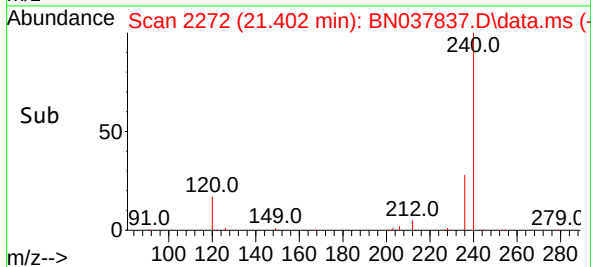
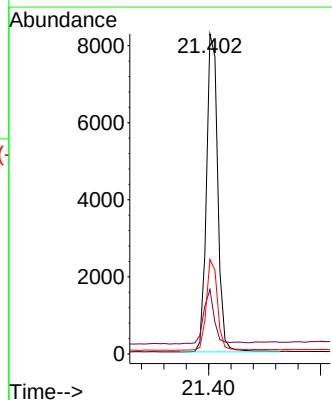
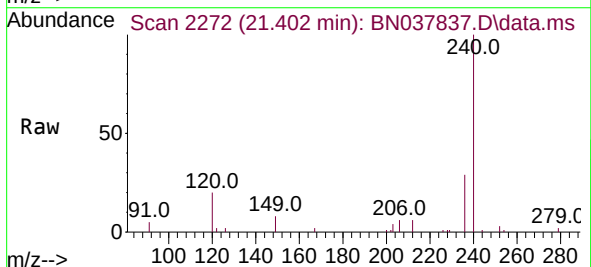


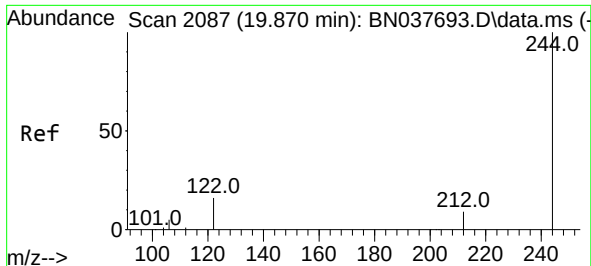
Tgt Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.2	18.2
104	9.4	6.9	10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.018 min
Lab File: BN037837.D
Acq: 20 Sep 2025 05:37

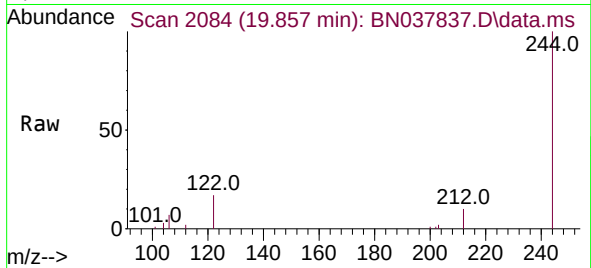
Tgt Ion	Ratio	Lower	Upper
240	100		
120	20.1	9.2	13.8
236	29.5	22.6	33.8



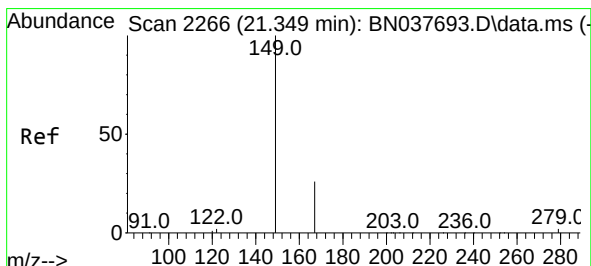
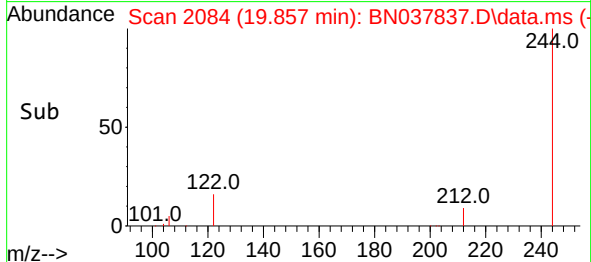
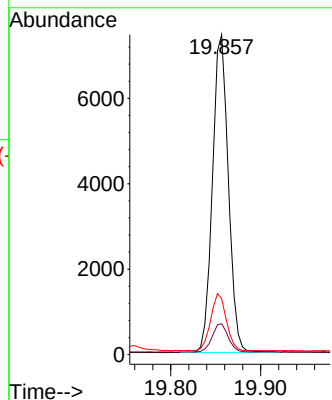


#31
 Terphenyl-d14
 Concen: 0.390 ng
 RT: 19.857 min Scan# 2084
 Delta R.T. -0.014 min
 Lab File: BN037837.D
 Acq: 20 Sep 2025 05:37

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20250916

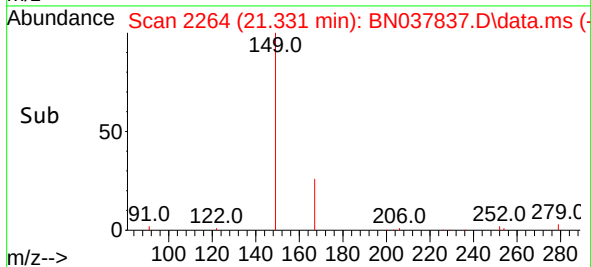
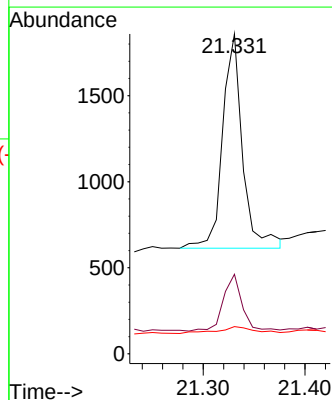
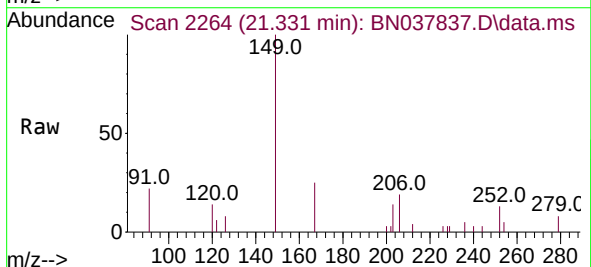


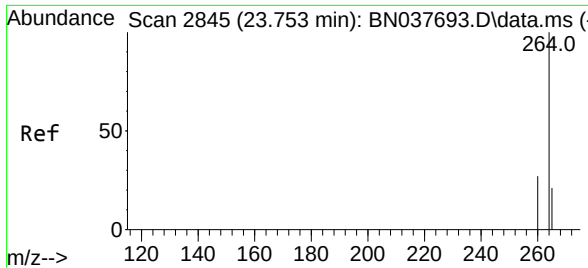
Tgt Ion:244 Resp: 9144
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.5 11.3
 122 17.4 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.143 ng
 RT: 21.331 min Scan# 2264
 Delta R.T. -0.018 min
 Lab File: BN037837.D
 Acq: 20 Sep 2025 05:37

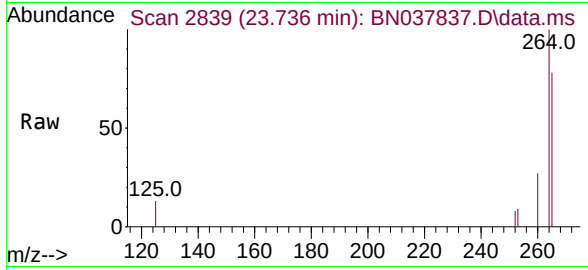
Tgt Ion:149 Resp: 1707
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.8 31.2
 279 6.0 3.3 4.9#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.736 min Scan# 2845
 Delta R.T. -0.018 min
 Lab File: BN037837.D
 Acq: 20 Sep 2025 05:37

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20250916



Tgt Ion:264 Resp: 10995

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.8	32.8
265	78.1	39.4	59.2

