

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092225\
 Data File : BN037856.D
 Acq On : 22 Sep 2025 14:33
 Operator : RC/JU
 Sample : Q3127-08DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20250916DL

Quant Time: Sep 22 17:25:45 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)

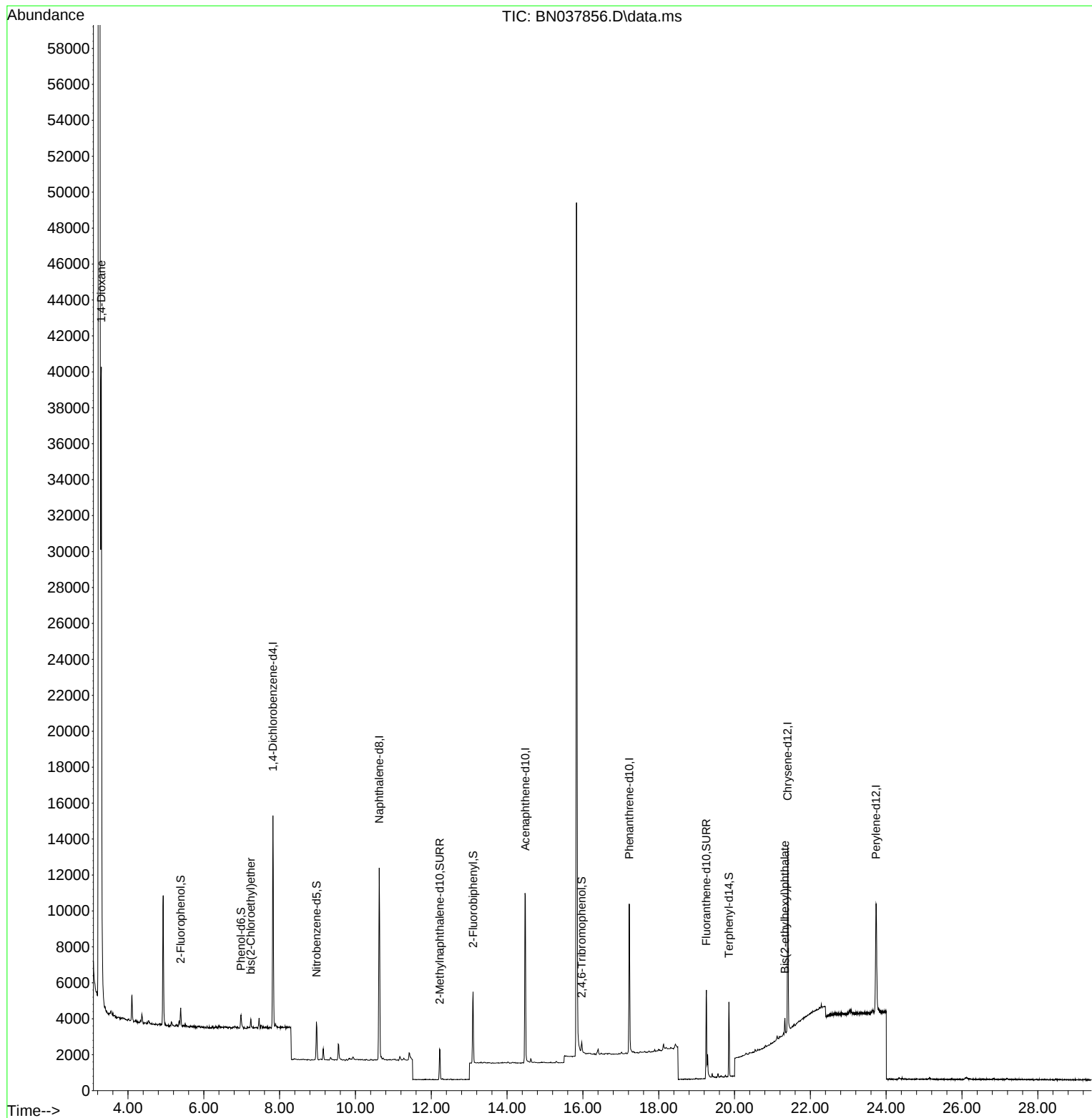
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	5456	0.400	ng	-0.01
7) Naphthalene-d8	10.626	136	14189	0.400	ng	-0.02
13) Acenaphthene-d10	14.484	164	5837	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	11015	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	9607	0.400	ng	#-0.02
35) Perylene-d12	23.733	264	9066	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	832	0.066	ng	0.00
5) Phenol-d6	6.980	99	647	0.040	ng	0.00
8) Nitrobenzene-d5	8.971	82	1721	0.166	ng	-0.02
11) 2-Methylnaphthalene-d10	12.222	152	2335	0.124	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	352	0.231	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	3548	0.145	ng	-0.01
27) Fluoranthene-d10	19.257	212	5352	0.194	ng	-0.01
31) Terphenyl-d14	19.852	244	3913	0.201	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.297	88	15763	2.774	ng	97
6) bis(2-Chloroethyl)ether	7.240	93	318	0.022	ng	88
34) Bis(2-ethylhexyl)phtha...	21.331	149	920	0.093	ng	# 99

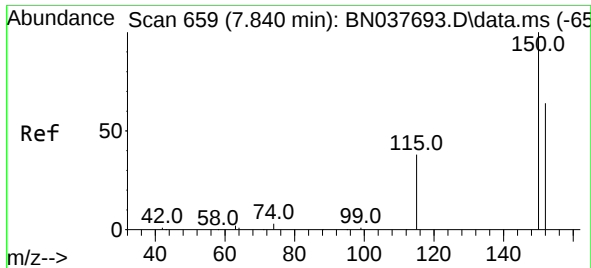
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092225\
Data File : BN037856.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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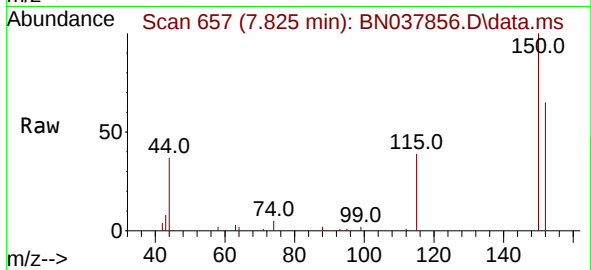
Quant Time: Sep 22 17:25:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



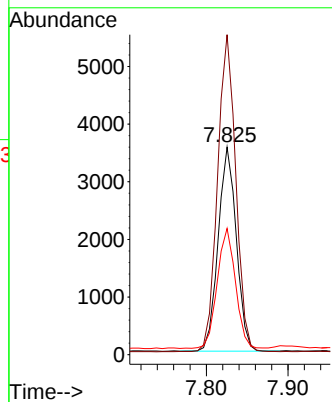
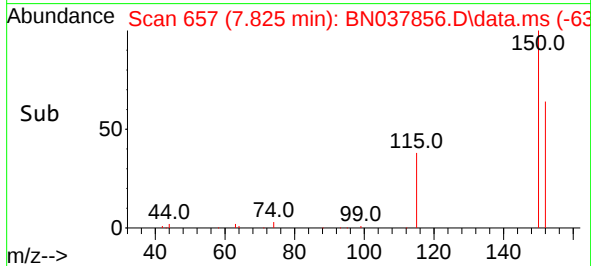


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN037856.D
 Acq: 22 Sep 2025 14:33

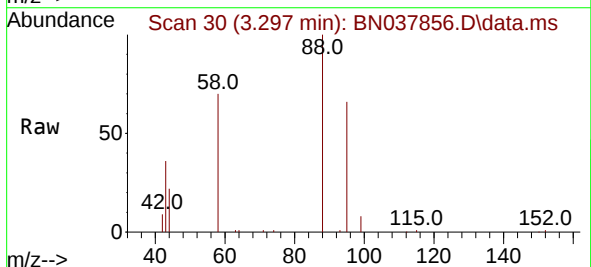
Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20250916DL



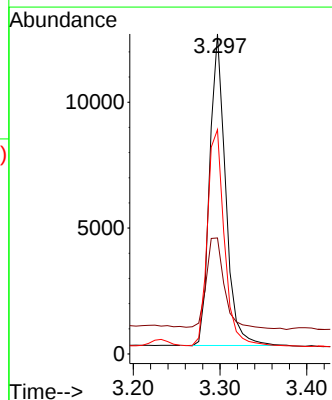
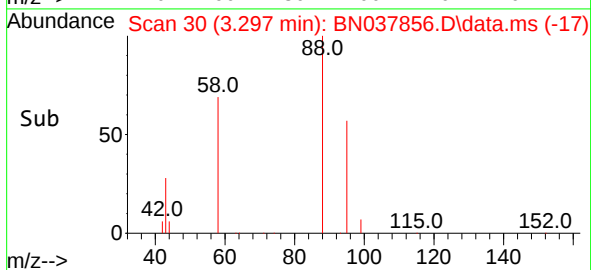
Tgt Ion:152 Resp: 5456
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.5 186.7
 115 60.9 49.2 73.8



#2
 1,4-Dioxane
 Concen: 2.774 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037856.D
 Acq: 22 Sep 2025 14:33



Tgt Ion: 88 Resp: 15763
 Ion Ratio Lower Upper
 88 100
 43 32.9 26.8 40.2
 58 73.9 61.9 92.9

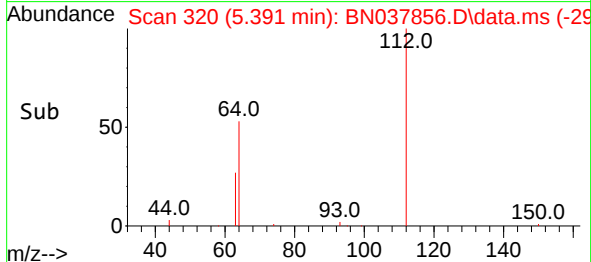
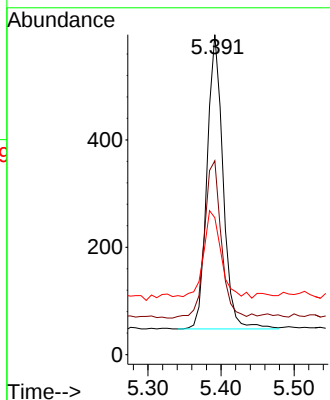
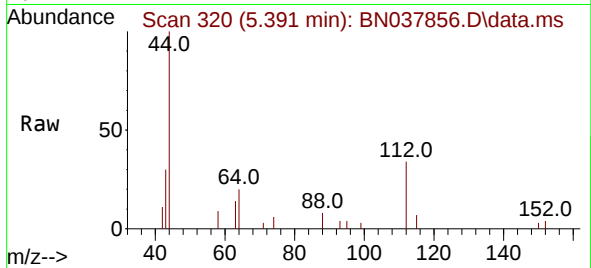




#4
2-Fluorophenol
Concen: 0.066 ng
RT: 5.391 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037856.D
Acq: 22 Sep 2025 14:33

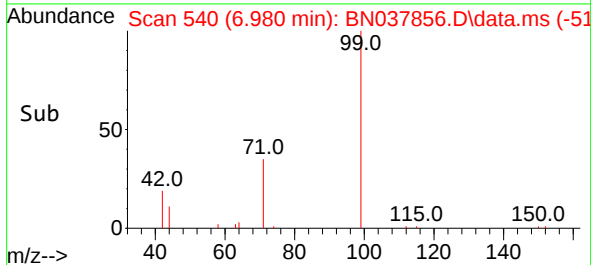
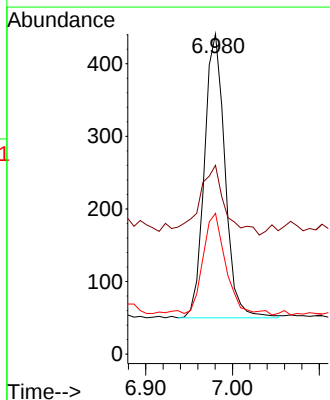
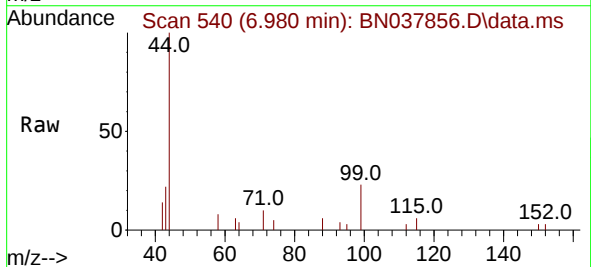
Instrument :
BNA_N
ClientSampleId :
RE132D6-20250916DL

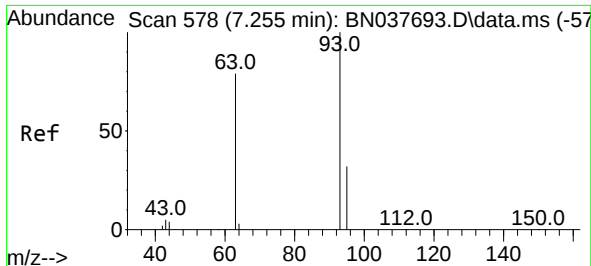
Tgt Ion:112 Resp: 832
Ion Ratio Lower Upper
112 100
64 56.3 44.9 67.3
63 33.8 24.7 37.1



#5
Phenol-d6
Concen: 0.040 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037856.D
Acq: 22 Sep 2025 14:33

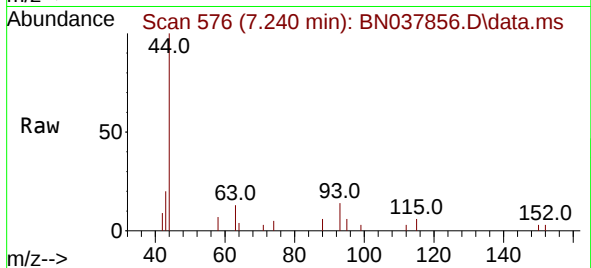
Tgt Ion: 99 Resp: 647
Ion Ratio Lower Upper
99 100
42 32.3 16.6 24.8#
71 41.1 26.7 40.1#



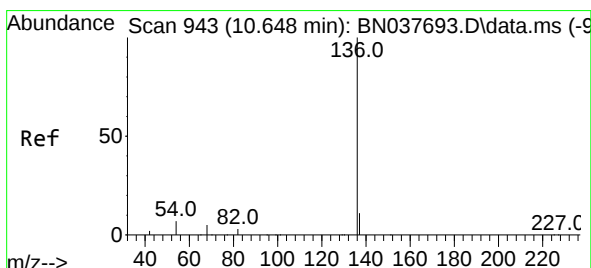
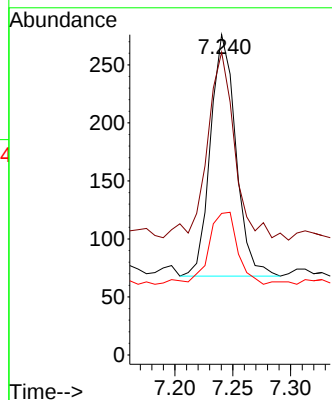
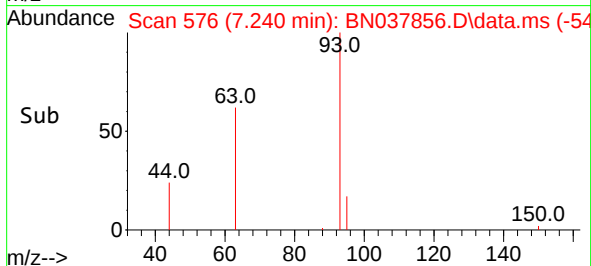


#6
bis(2-Chloroethyl)ether
Concen: 0.022 ng
RT: 7.240 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN037856.D
Acq: 22 Sep 2025 14:33

Instrument :
BNA_N
ClientSampleId :
RE132D6-20250916DL

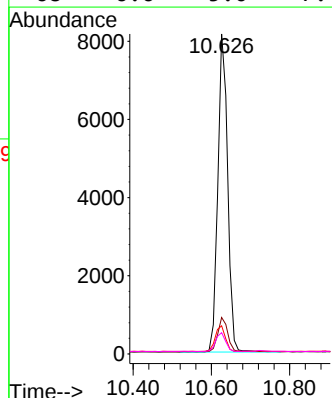
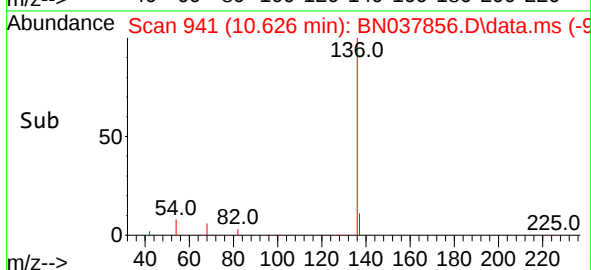
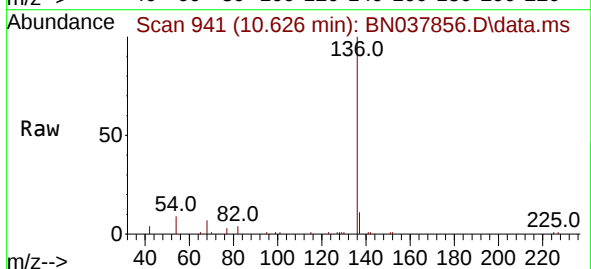


Tgt Ion: 93	Resp:	318	
Ion	Ratio	Lower	Upper
93	100		
63	87.7	60.6	90.8
95	36.5	26.0	39.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.022 min
Lab File: BN037856.D
Acq: 22 Sep 2025 14:33

Tgt	Ion:136	Resp:	14189
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.8	6.3	9.5
68	6.6	5.0	7.4

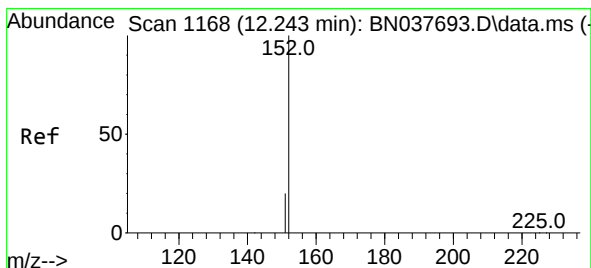
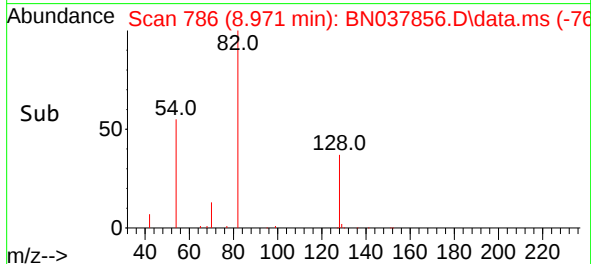
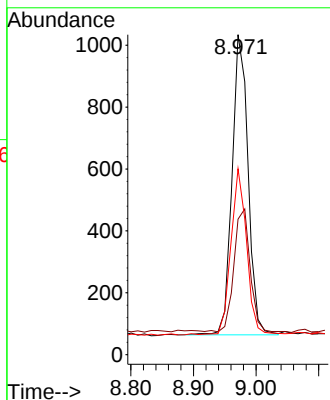
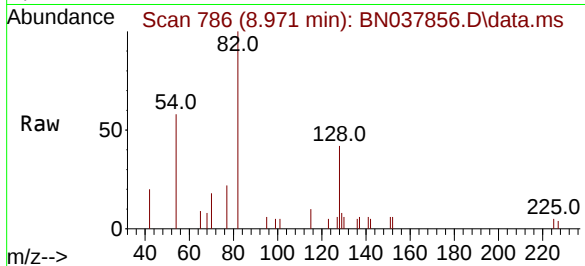




#8
 Nitrobenzene-d5
 Concen: 0.166 ng
 RT: 8.971 min Scan# 71
 Delta R.T. -0.022 min
 Lab File: BN037856.D
 Acq: 22 Sep 2025 14:33

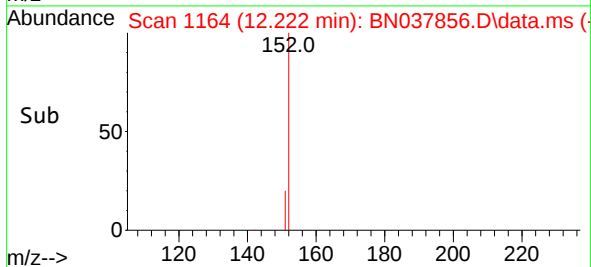
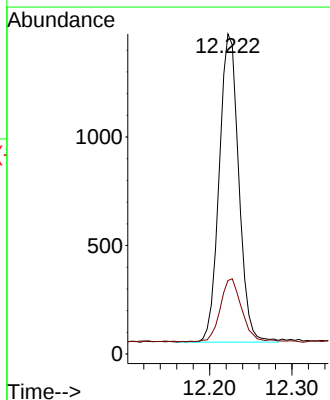
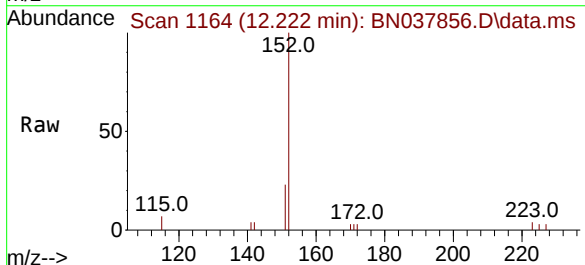
Instrument :
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 RE132D6-20250916DL

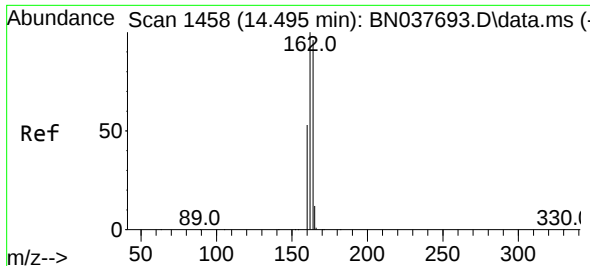
Tgt Ion: 82 Resp: 1721
 Ion Ratio Lower Upper
 82 100
 128 42.4 38.3 57.5
 54 58.1 41.4 62.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.124 ng
 RT: 12.222 min Scan# 1164
 Delta R.T. -0.020 min
 Lab File: BN037856.D
 Acq: 22 Sep 2025 14:33

Tgt Ion: 152 Resp: 2335
 Ion Ratio Lower Upper
 152 100
 151 23.5 17.0 25.6

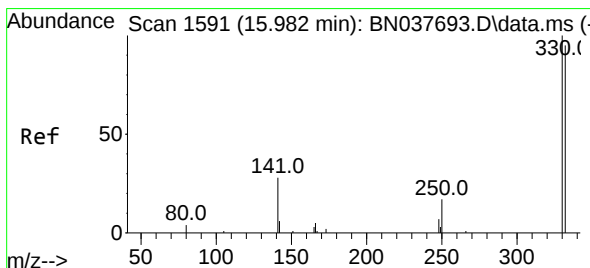
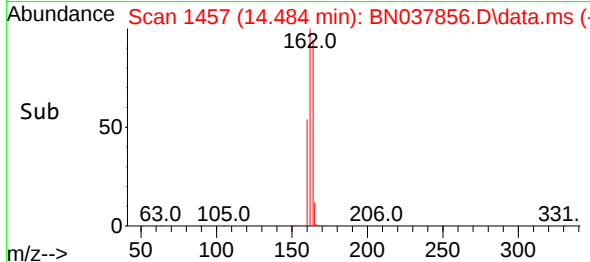
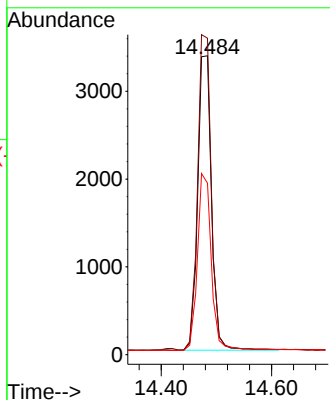
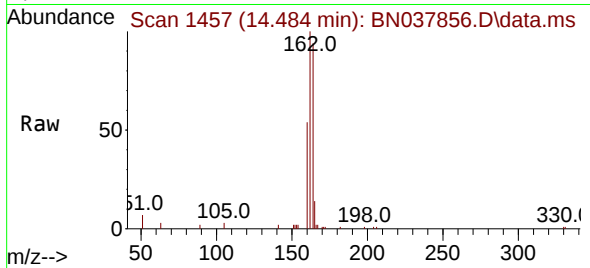




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1457
 Delta R.T. -0.011 min
 Lab File: BN037856.D
 Acq: 22 Sep 2025 14:33

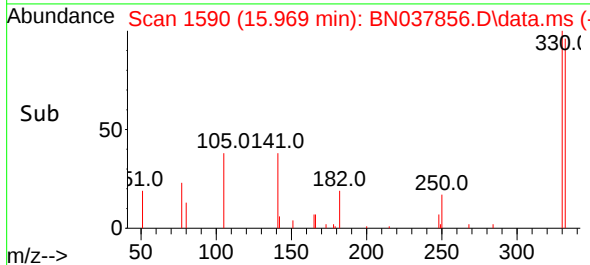
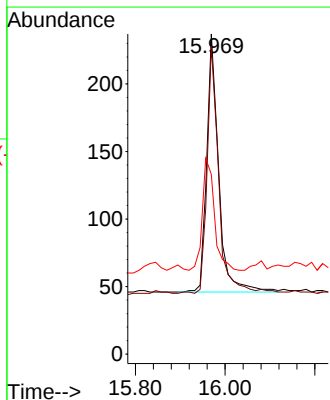
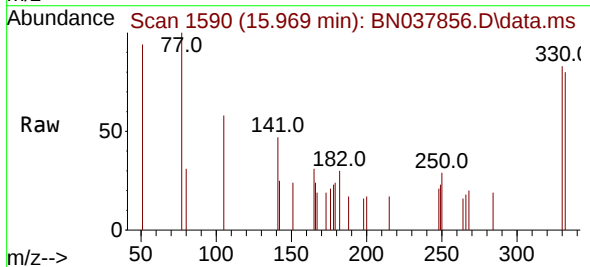
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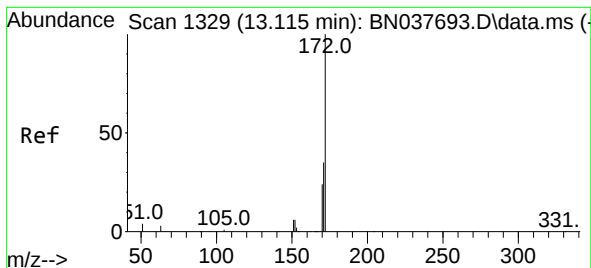
Tgt Ion:164 Resp: 5837
 Ion Ratio Lower Upper
 164 100
 162 105.9 83.1 124.7
 160 57.4 44.3 66.5



#14
 2,4,6-Tribromophenol
 Concen: 0.231 ng
 RT: 15.969 min Scan# 1590
 Delta R.T. -0.013 min
 Lab File: BN037856.D
 Acq: 22 Sep 2025 14:33

Tgt Ion:330 Resp: 352
 Ion Ratio Lower Upper
 330 100
 332 93.2 75.3 112.9
 141 43.5 35.0 52.4





#15

2-Fluorobiphenyl

Concen: 0.145 ng

RT: 13.105 min Scan# 1328

Delta R.T. -0.011 min

Lab File: BN037856.D

Acq: 22 Sep 2025 14:33

Instrument :

BNA_N

ClientSampleId :

RE132D6-20250916DL

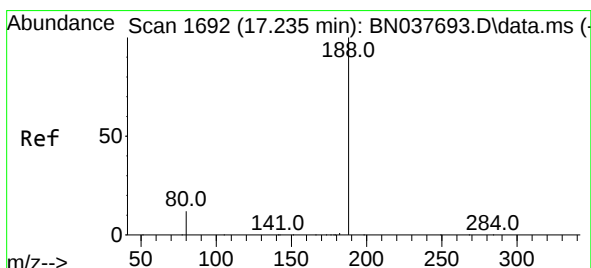
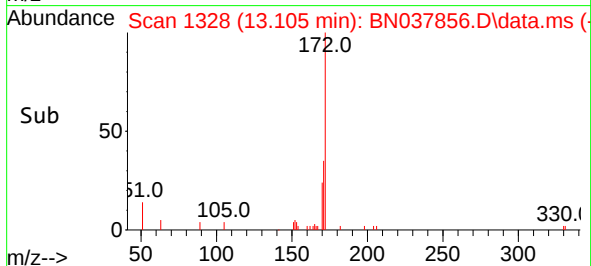
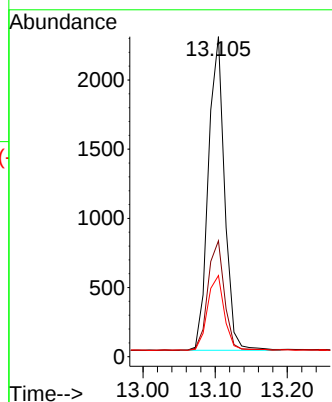
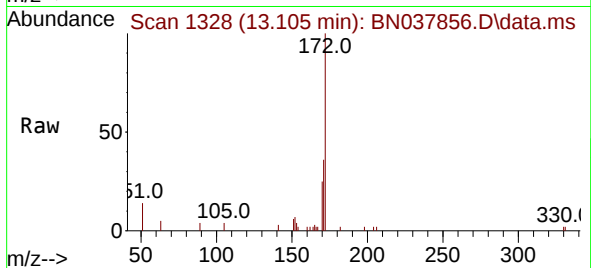
Tgt Ion:172 Resp: 3548

Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

170 25.4 19.8 29.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.223 min Scan# 1691

Delta R.T. -0.013 min

Lab File: BN037856.D

Acq: 22 Sep 2025 14:33

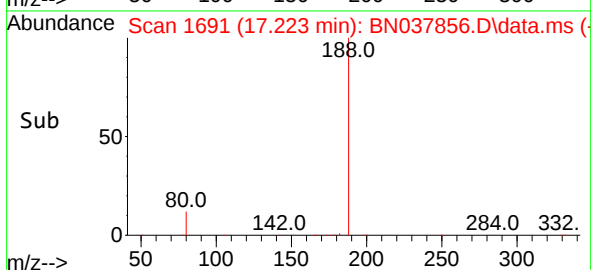
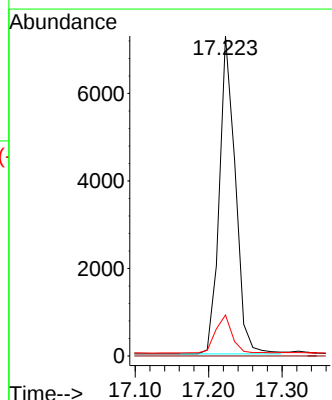
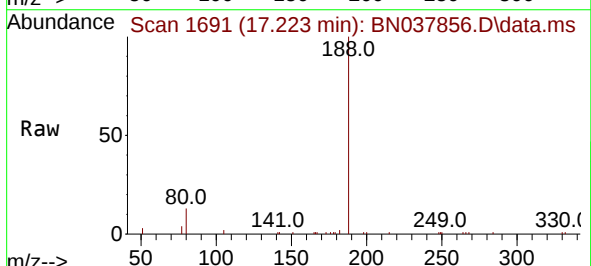
Tgt Ion:188 Resp: 11015

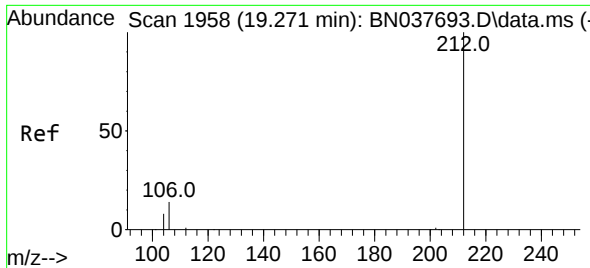
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.8 10.6 15.8

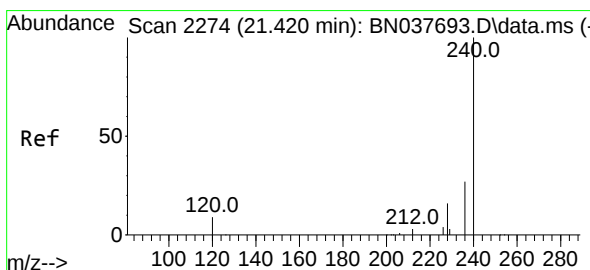
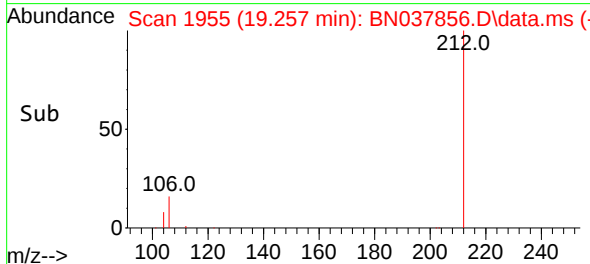
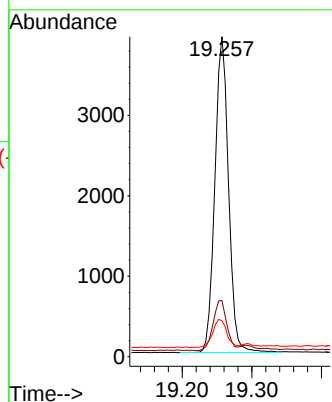
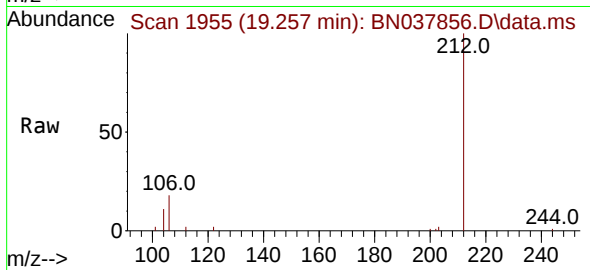




#27
Fluoranthene-d10
Concen: 0.194 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037856.D
Acq: 22 Sep 2025 14:33

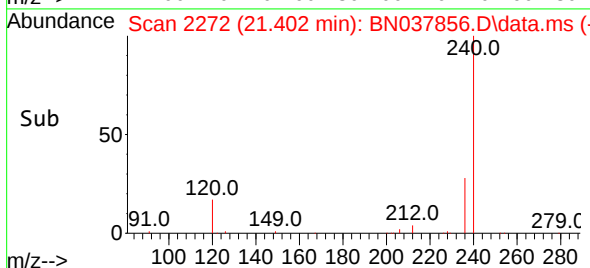
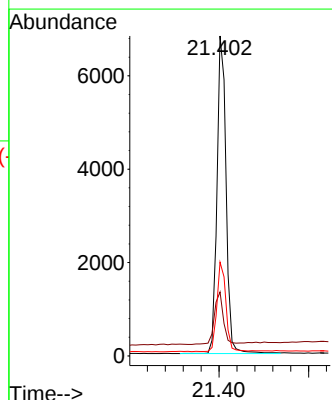
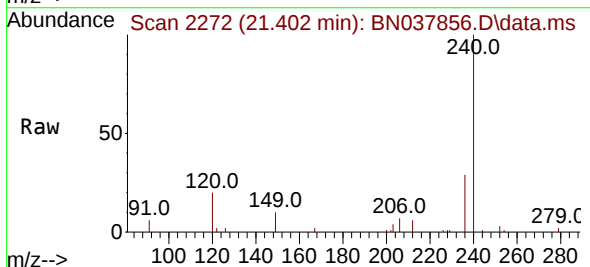
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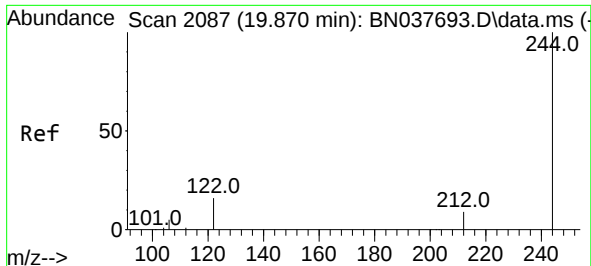
Tgt Ion:212	Resp:	5352
Ion Ratio	Lower	Upper
212	100	
106	16.0	12.2 18.2
104	9.1	6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.018 min
Lab File: BN037856.D
Acq: 22 Sep 2025 14:33

Tgt Ion:240	Resp:	9607
Ion Ratio	Lower	Upper
240	100	
120	20.0	9.2 13.8
236	29.3	22.6 33.8

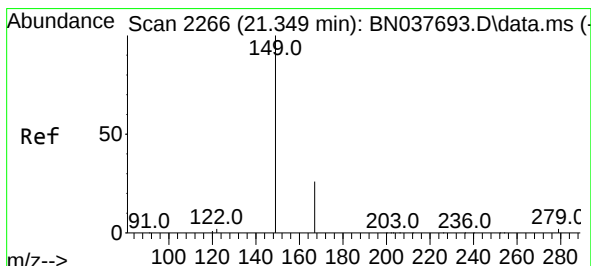
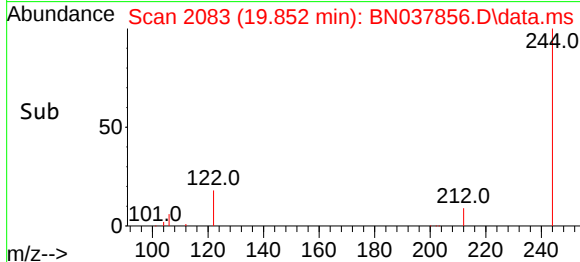
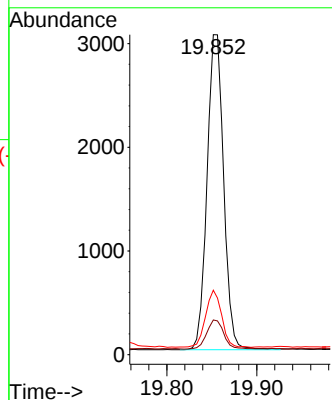
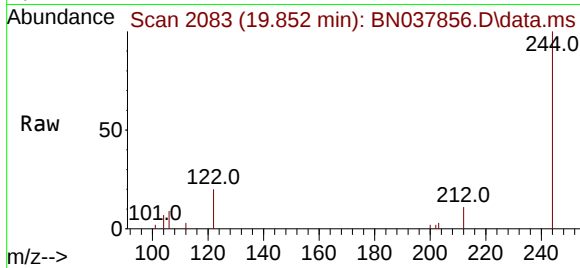




#31
 Terphenyl-d14
 Concen: 0.201 ng
 RT: 19.852 min Scan# 2087
 Delta R.T. -0.019 min
 Lab File: BN037856.D
 Acq: 22 Sep 2025 14:33

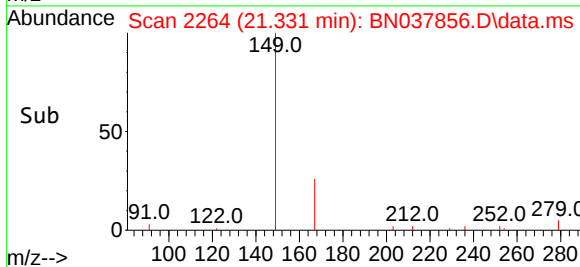
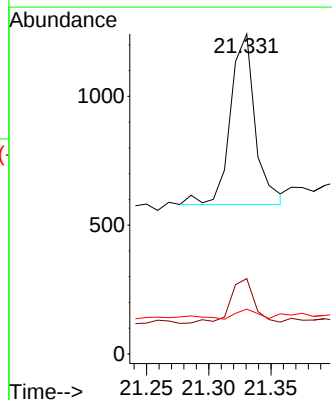
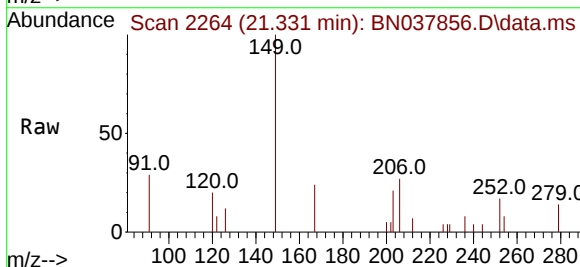
Instrument :
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 ClientSampleId :
 RE132D6-20250916DL

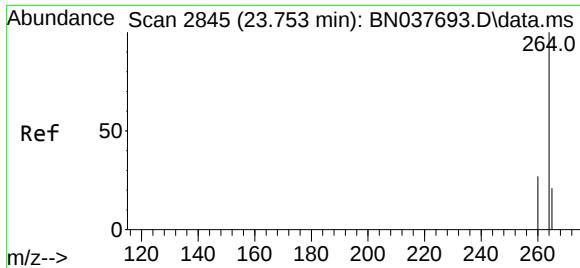
Tgt Ion:244 Resp: 3913
 Ion Ratio Lower Upper
 244 100
 212 10.9 7.5 11.3
 122 20.2 13.2 19.8#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.093 ng
 RT: 21.331 min Scan# 2264
 Delta R.T. -0.018 min
 Lab File: BN037856.D
 Acq: 22 Sep 2025 14:33

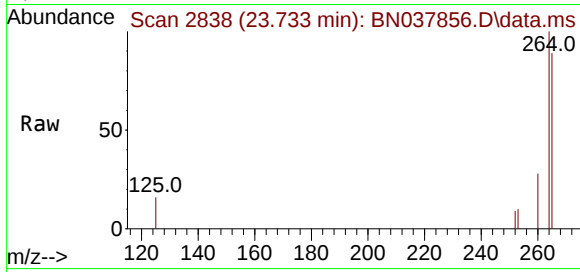
Tgt Ion:149 Resp: 920
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.8 31.2
 279 5.1 3.3 4.9#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.733 min Scan# 21
Delta R.T. -0.021 min
Lab File: BN037856.D
Acq: 22 Sep 2025 14:33

Instrument :
BNA_N
ClientSampleId :
RE132D6-20250916DL



Tgt Ion:264 Resp: 9066

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.8	32.8
265	89.3	39.4	59.2#

