

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037971.D
 Acq On : 01 Oct 2025 07:13
 Operator : RC/JU
 Sample : Q3193-20
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT17411-20250924

Quant Time: Oct 01 10:36:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

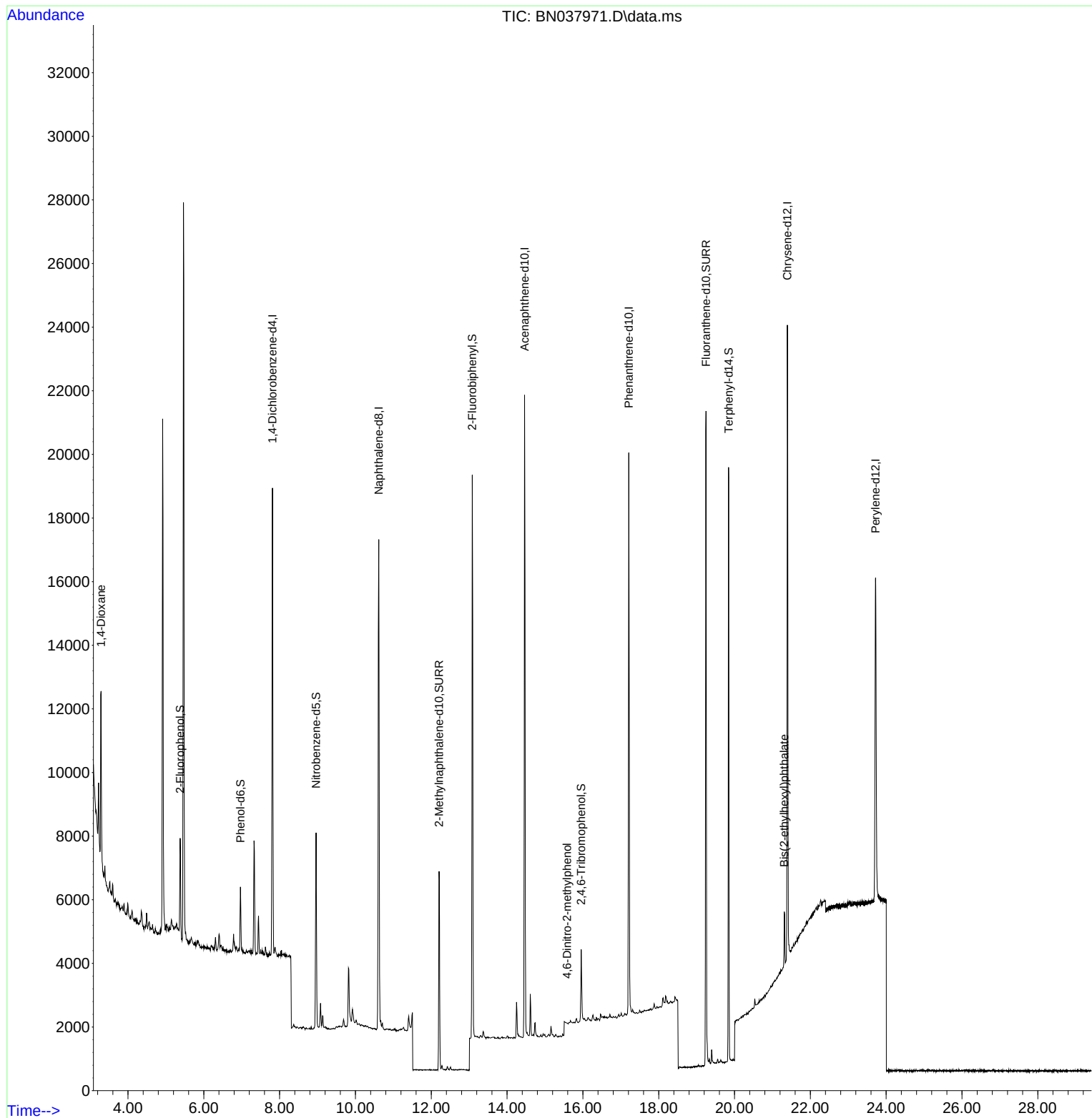
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	7086	0.400	ng	-0.01
7) Naphthalene-d8	10.616	136	20607	0.400	ng	-0.01
13) Acenaphthene-d10	14.463	164	11008	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	22531	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	18077	0.400	ng	# 0.00
35) Perylene-d12	23.721	264	14968	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2309	0.143	ng	0.00
5) Phenol-d6	6.966	99	1833	0.086	ng	0.00
8) Nitrobenzene-d5	8.961	82	4750	0.302	ng	-0.01
11) 2-Methylnaphthalene-d10	12.207	152	8479	0.296	ng	-0.01
14) 2,4,6-Tribromophenol	15.957	330	1288	0.309	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	15131	0.336	ng	-0.01
27) Fluoranthene-d10	19.248	212	22343	0.394	ng	0.00
31) Terphenyl-d14	19.847	244	16961	0.471	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	3650	0.507	ng	# 95
20) 4,6-Dinitro-2-methylph...	15.585	198	6	0.070	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.313	149	1966	0.079	ng	# 98

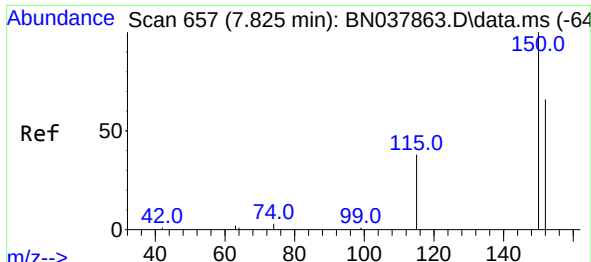
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
Data File : BN037971.D
Acq On : 01 Oct 2025 07:13
Operator : RC/JU
Sample : Q3193-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT17411-20250924

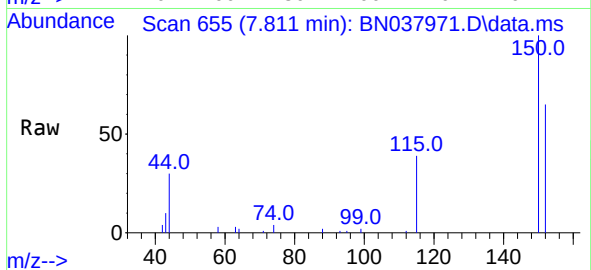
Quant Time: Oct 01 10:36:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration



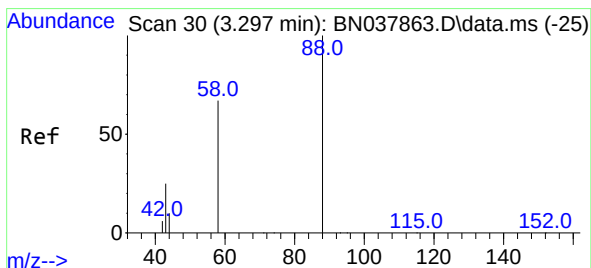
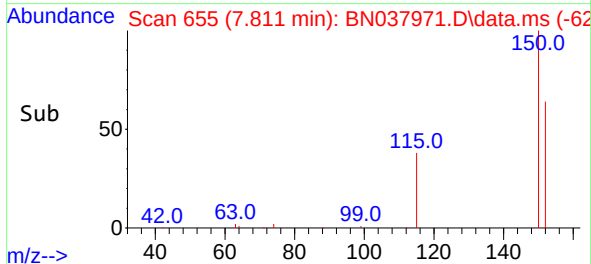
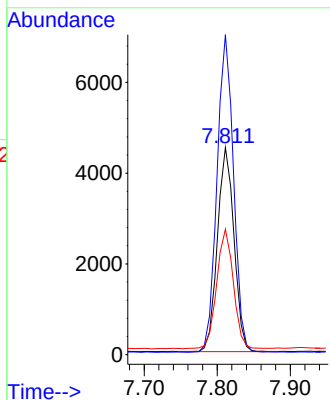


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.811 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN037971.D
Acq: 01 Oct 2025 07:13

Instrument :
BNA_N
ClientSampleId :
TT17411-20250924

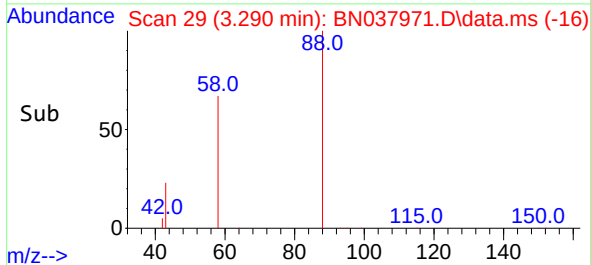
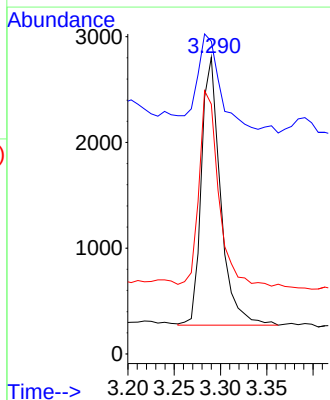
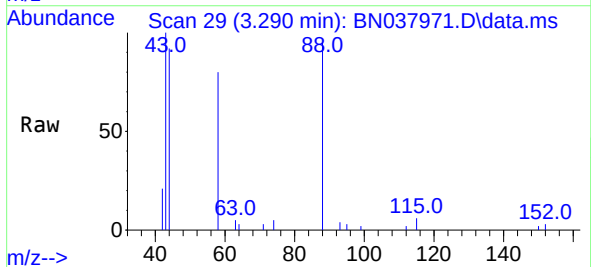


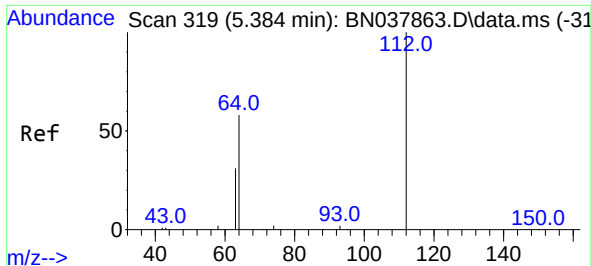
Tgt Ion:152 Resp: 7086
Ion Ratio Lower Upper
152 100
150 154.5 121.0 181.4
115 60.6 47.4 71.0



#2
1,4-Dioxane
Concen: 0.507 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037971.D
Acq: 01 Oct 2025 07:13

Tgt Ion: 88 Resp: 3650
Ion Ratio Lower Upper
88 100
43 40.5 26.6 39.8#
58 74.5 58.9 88.3

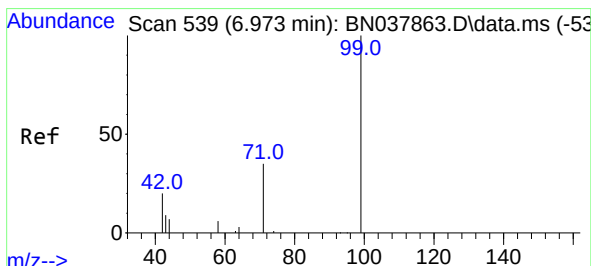
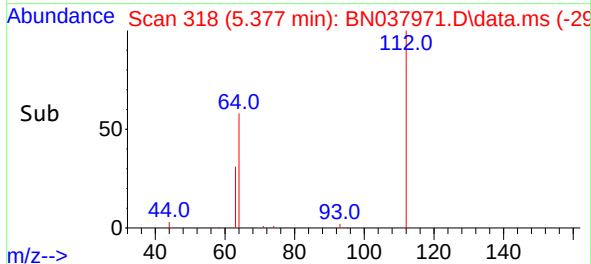
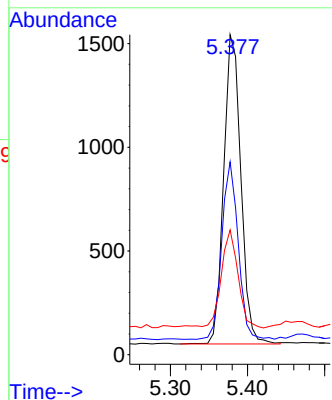
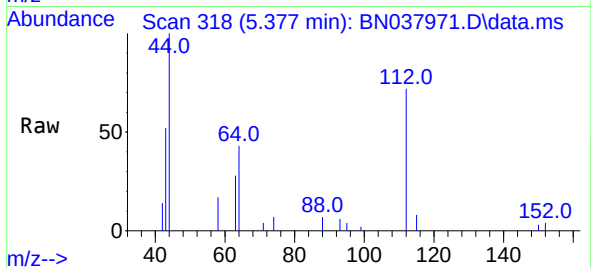




#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.377 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037971.D
Acq: 01 Oct 2025 07:13

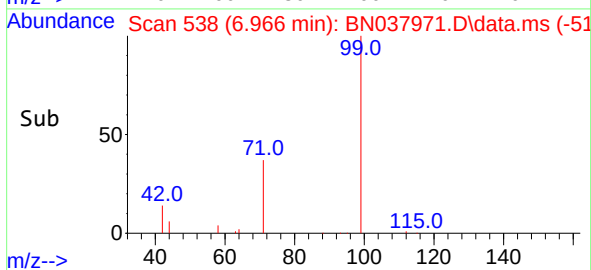
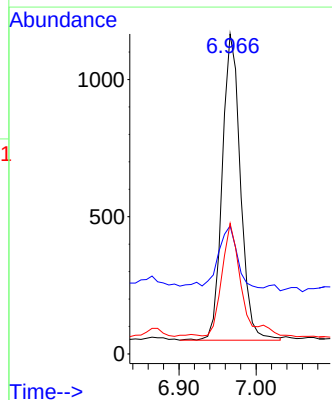
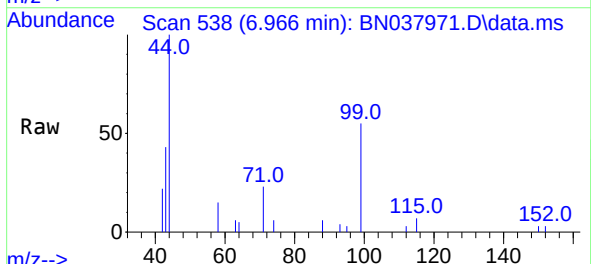
Instrument :
BNA_N
ClientSampleId :
TT17411-20250924

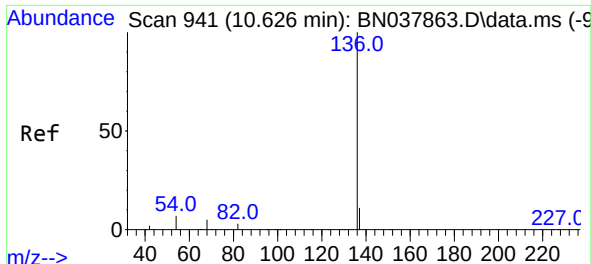
Tgt Ion:112 Resp: 2309
Ion Ratio Lower Upper
112 100
64 54.9 44.6 66.8
63 30.8 24.9 37.3



#5
Phenol-d6
Concen: 0.086 ng
RT: 6.966 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN037971.D
Acq: 01 Oct 2025 07:13

Tgt Ion: 99 Resp: 1833
Ion Ratio Lower Upper
99 100
42 21.2 17.2 25.8
71 39.0 27.3 40.9

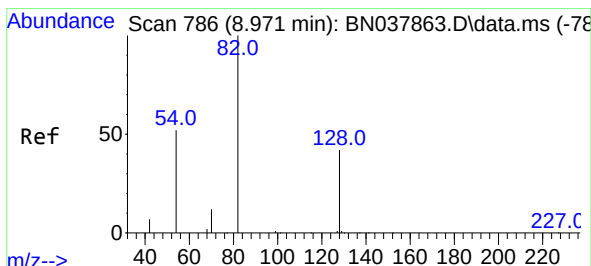
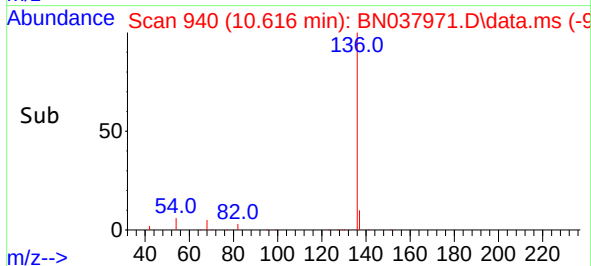
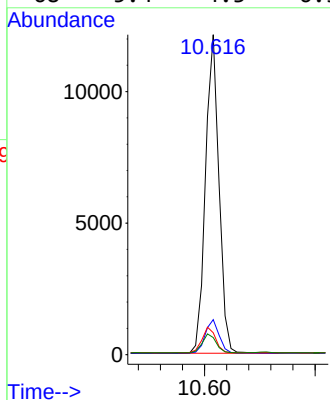
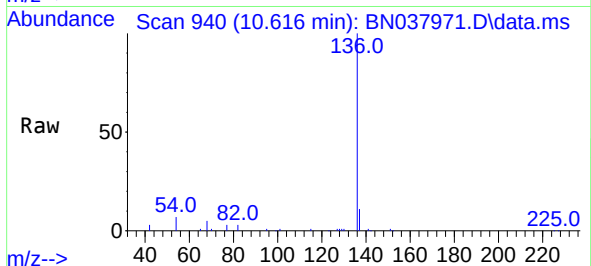




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037971.D
Acq: 01 Oct 2025 07:13

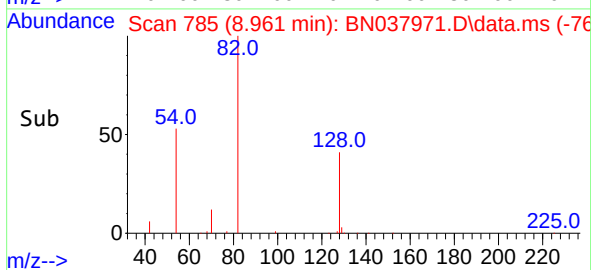
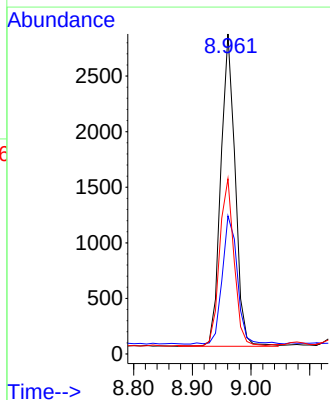
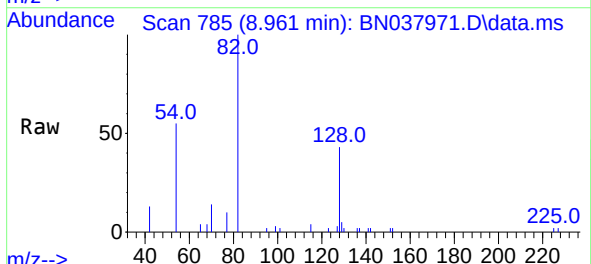
Instrument :
BNA_N
ClientSampleId :
TT17411-20250924

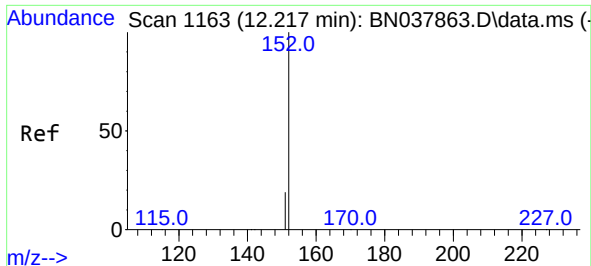
Tgt Ion:136	Resp:	20607
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	6.8	5.8 8.8
68	5.4	4.3 6.5



#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037971.D
Acq: 01 Oct 2025 07:13

Tgt Ion: 82	Resp:	4750
Ion Ratio	Lower	Upper
82	100	
128	43.1	34.8 52.2
54	54.7	42.2 63.2

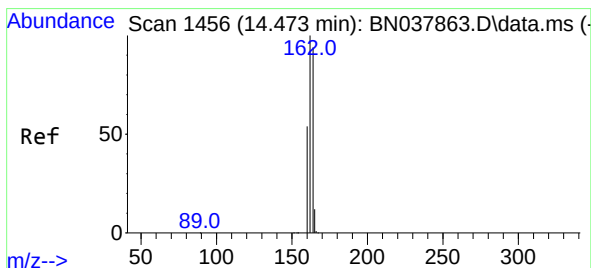
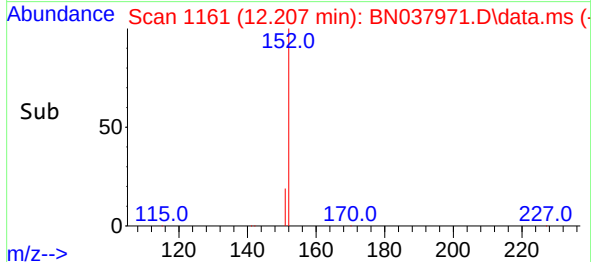
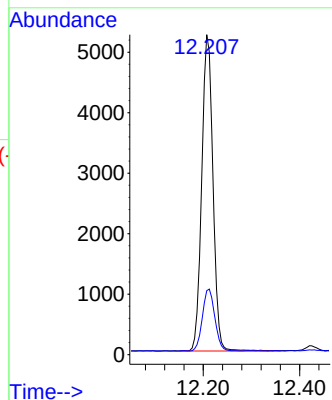
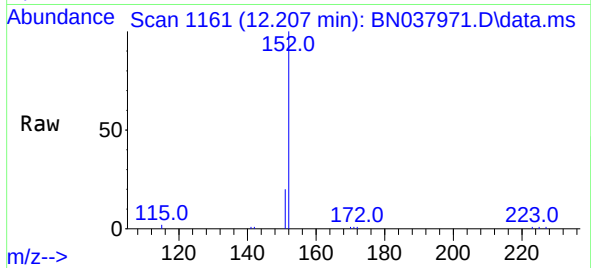




#11
2-Methylnaphthalene-d10
Concen: 0.296 ng
RT: 12.207 min Scan# 1161
Delta R.T. -0.010 min
Lab File: BN037971.D
Acq: 01 Oct 2025 07:13

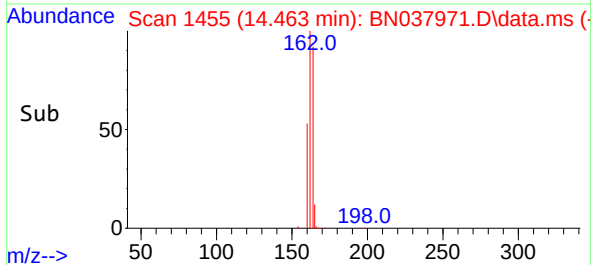
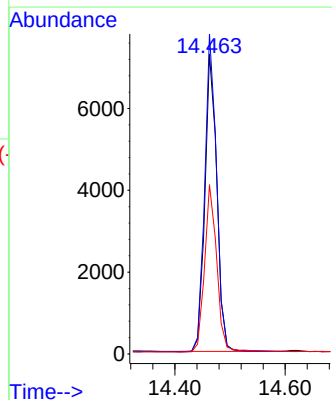
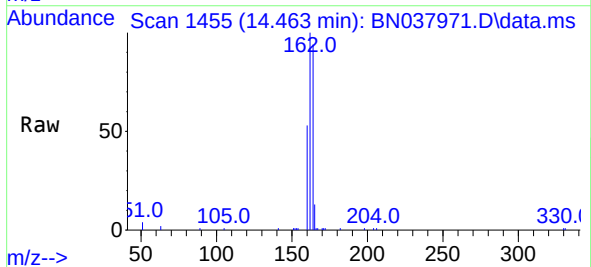
Instrument :
BNA_N
ClientSampleId :
TT17411-20250924

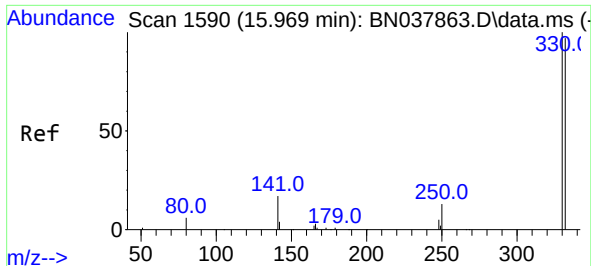
Tgt Ion:152 Resp: 8479
Ion Ratio Lower Upper
152 100
151 21.5 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN037971.D
Acq: 01 Oct 2025 07:13

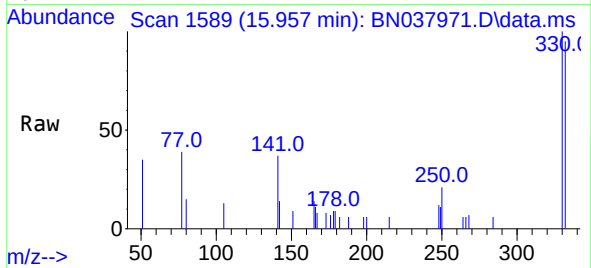
Tgt Ion:164 Resp: 11008
Ion Ratio Lower Upper
164 100
162 106.7 84.8 127.2
160 56.4 46.1 69.1



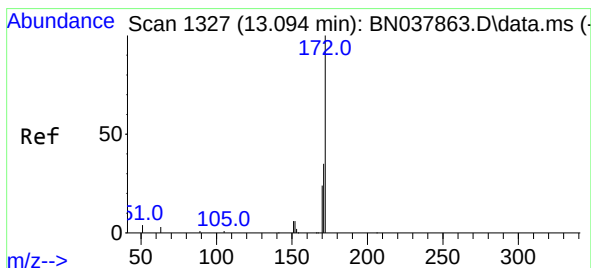
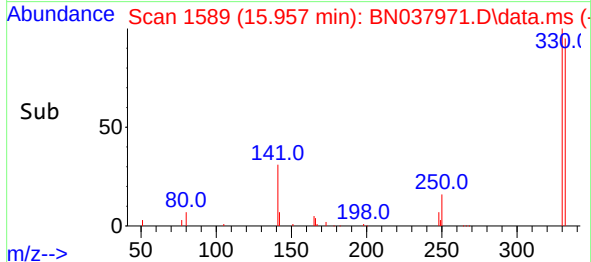
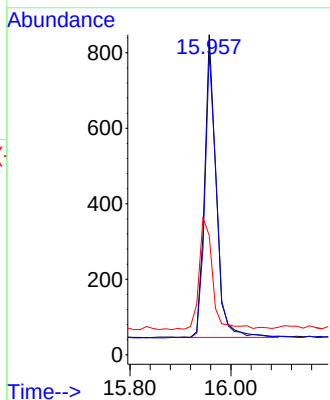


#14
2,4,6-Tribromophenol
Concen: 0.309 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037971.D
Acq: 01 Oct 2025 07:13

Instrument :
BNA_N
ClientSampleId :
TT17411-20250924

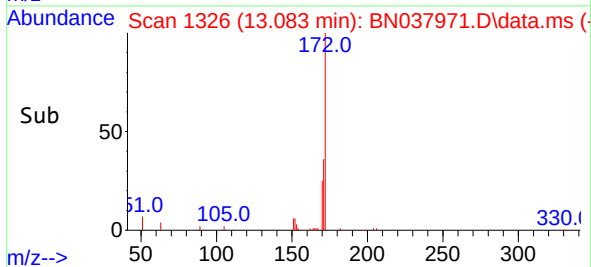
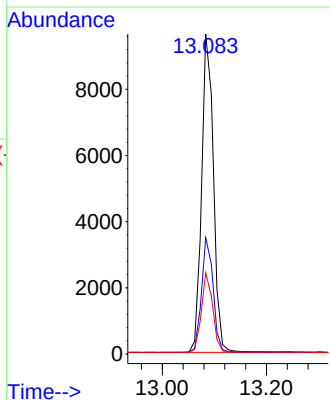
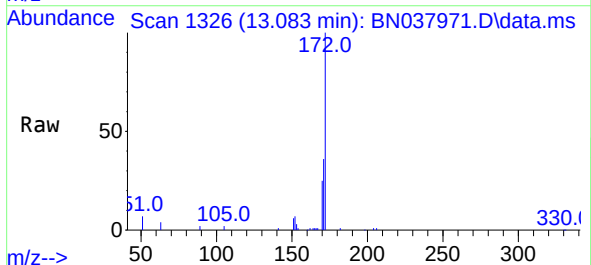


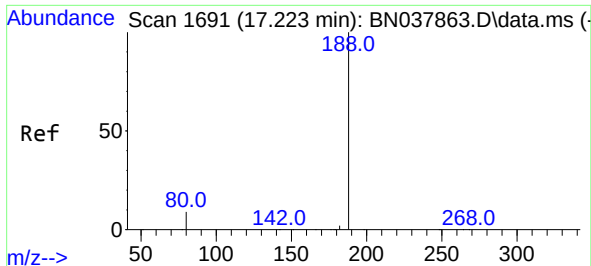
Tgt Ion:330 Resp: 1288
Ion Ratio Lower Upper
330 100
332 96.6 77.2 115.8
141 43.6 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN037971.D
Acq: 01 Oct 2025 07:13

Tgt Ion:172 Resp: 15131
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 25.4 19.7 29.5

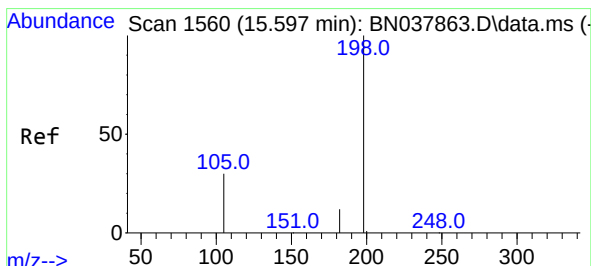
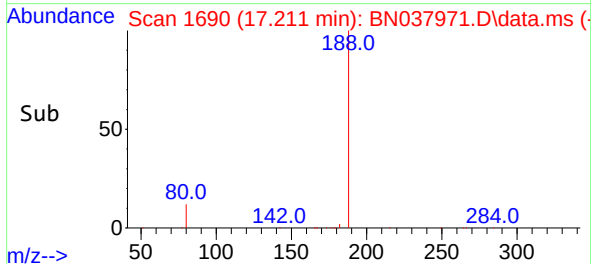
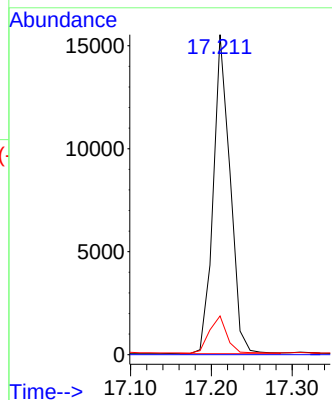
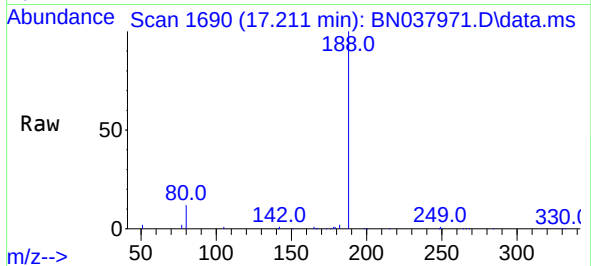




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037971.D
Acq: 01 Oct 2025 07:13

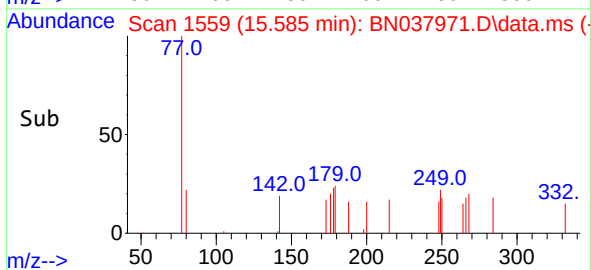
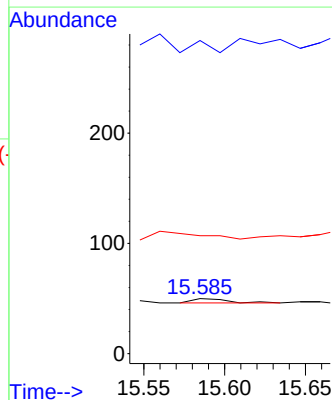
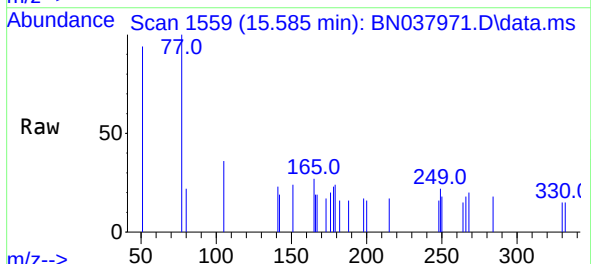
Instrument :
BNA_N
ClientSampleId :
TT17411-20250924

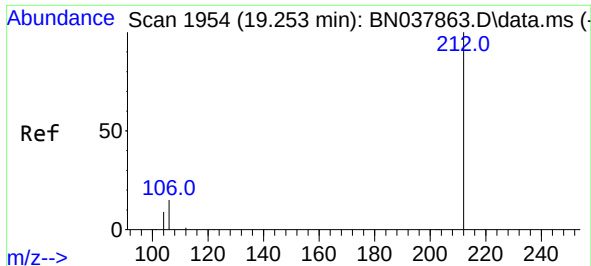
Tgt Ion:188 Resp: 22531
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 7.6 11.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.070 ng
RT: 15.585 min Scan# 1559
Delta R.T. -0.012 min
Lab File: BN037971.D
Acq: 01 Oct 2025 07:13

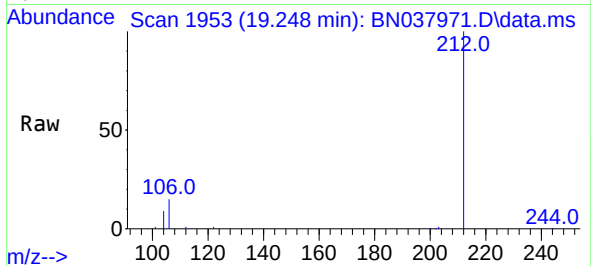
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 568.0 59.1 88.7#
105 214.0 41.3 61.9#



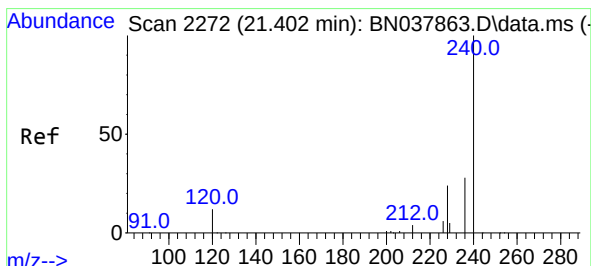
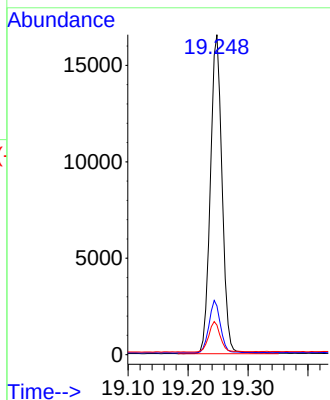


#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037971.D
Acq: 01 Oct 2025 07:13

Instrument :
BNA_N
ClientSampleId :
TT17411-20250924

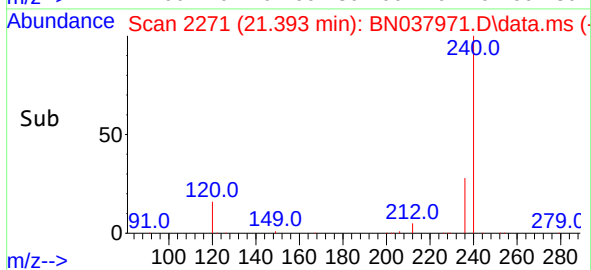
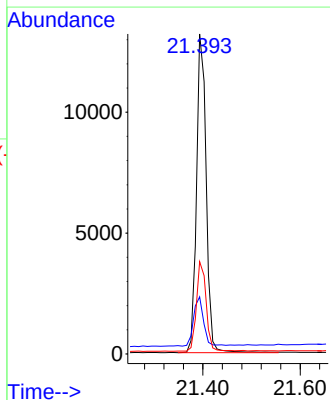
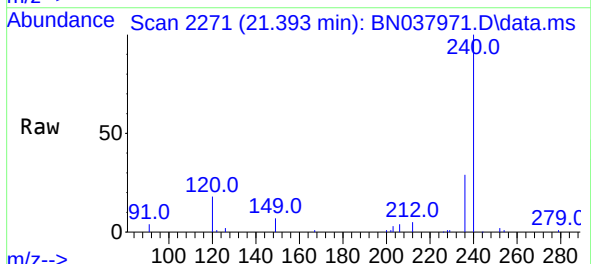


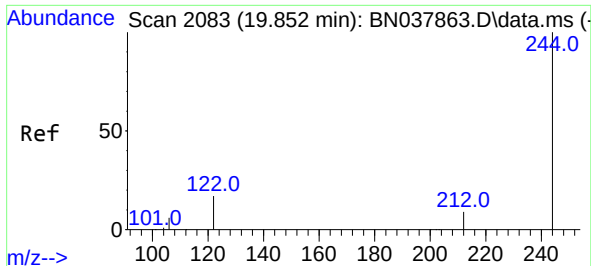
Tgt Ion:212 Resp: 22343
Ion Ratio Lower Upper
212 100
106 16.2 12.6 19.0
104 9.5 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037971.D
Acq: 01 Oct 2025 07:13

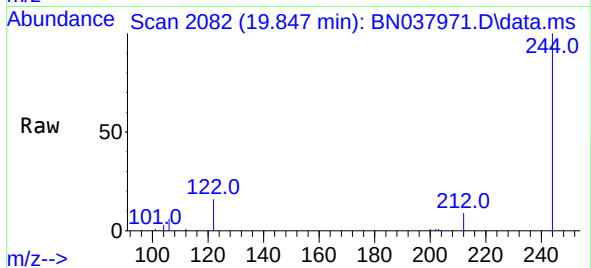
Tgt Ion:240 Resp: 18077
Ion Ratio Lower Upper
240 100
120 17.8 11.4 17.2#
236 28.9 23.0 34.6



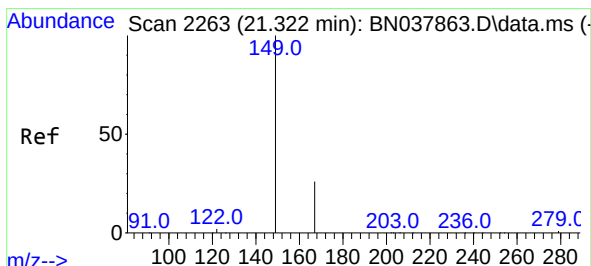
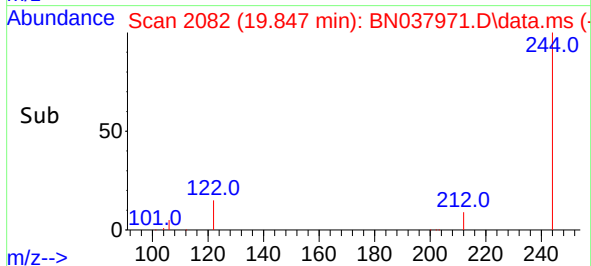
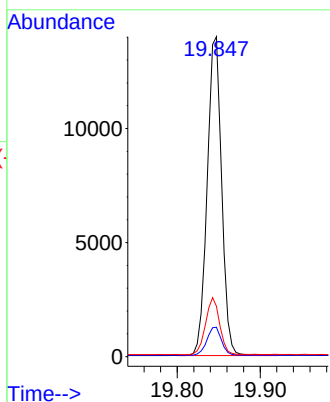


#31
Terphenyl-d14
Concen: 0.471 ng
RT: 19.847 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BN037971.D
Acq: 01 Oct 2025 07:13

Instrument :
BNA_N
ClientSampleId :
TT17411-20250924

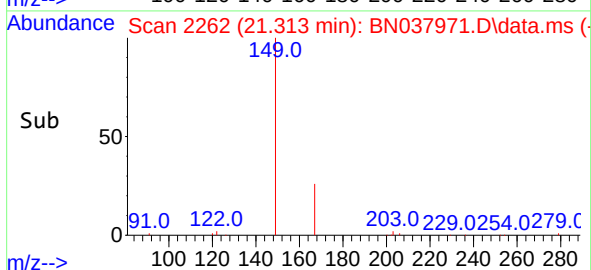
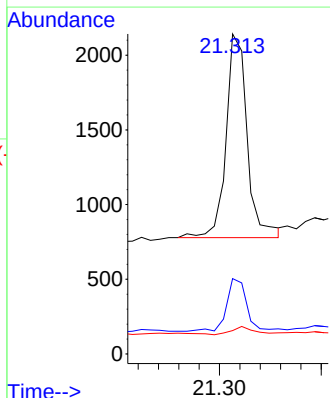
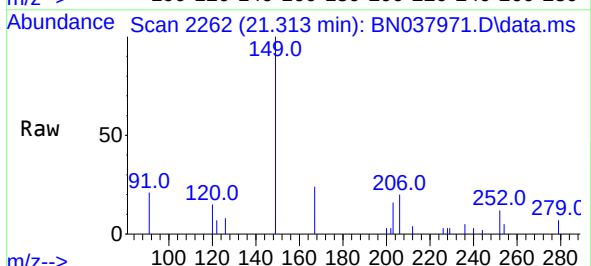


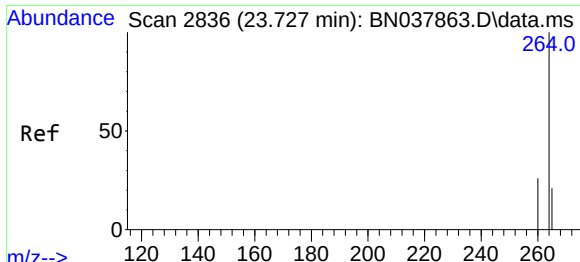
Tgt Ion:244 Resp: 16961
Ion Ratio Lower Upper
244 100
212 9.2 7.6 11.4
122 15.7 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.079 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.009 min
Lab File: BN037971.D
Acq: 01 Oct 2025 07:13

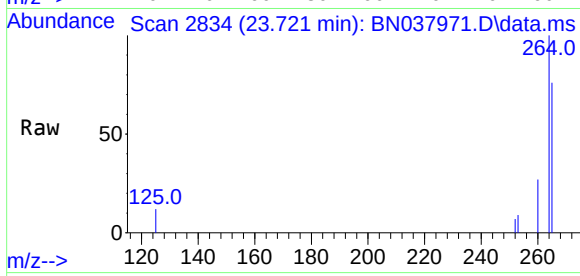
Tgt Ion:149 Resp: 1966
Ion Ratio Lower Upper
149 100
167 24.8 20.4 30.6
279 4.2 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.721 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037971.D
Acq: 01 Oct 2025 07:13

Instrument :
BNA_N
ClientSampleId :
TT17411-20250924



Tgt Ion:264 Resp: 14968

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.5	32.3
265	76.3	53.8	80.6

