

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092625\
 Data File : BN037929.D
 Acq On : 26 Sep 2025 17:22
 Operator : RC/JU
 Sample : Q3165-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 17:51:57 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)

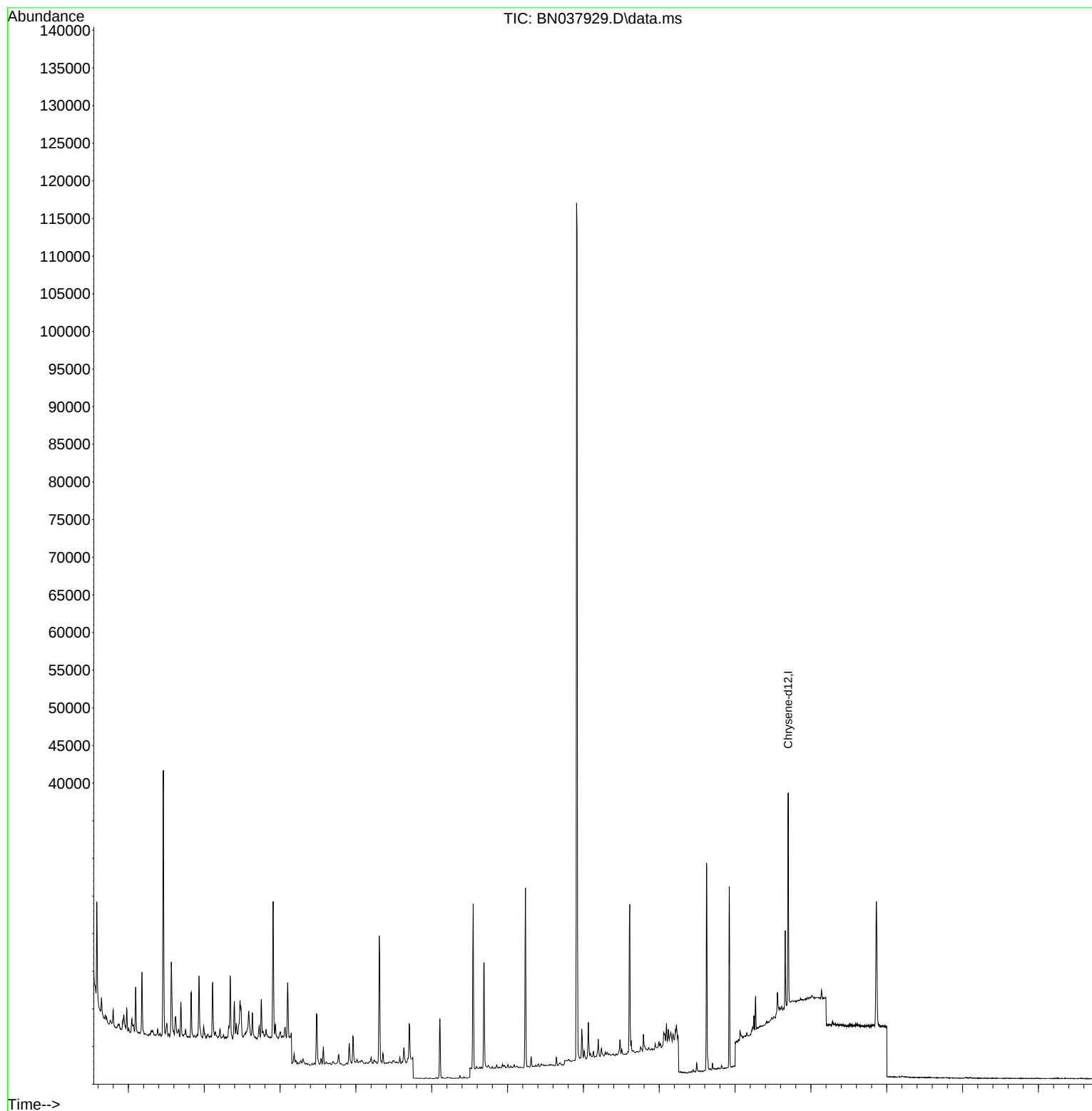
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	7560	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	22819	0.400	ng	#-0.01
13) Acenaphthene-d10	14.473	164	13207	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	28004	0.400	ng	0.00
29) Chrysene-d12	21.402	240	25380	0.400	ng	0.00
35) Perylene-d12	23.727	264	23551	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	3419	0.198	ng	0.00
5) Phenol-d6	6.973	99	3073	0.136	ng	0.00
8) Nitrobenzene-d5	8.961	82	5682	0.326	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	10619	0.335	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	2311	0.461	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	18058	0.334	ng	0.00
27) Fluoranthene-d10	19.248	212	29963	0.425	ng	0.00
31) Terphenyl-d14	19.847	244	22244	0.440	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.290	88	1404	0.183	ng	# 60
3) n-Nitrosodimethylamine	3.600	42	260	0.025	ng	# 3
20) 4,6-Dinitro-2-methylph...	15.634	198	10	0.070	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.322	149	9171	0.261	ng	98

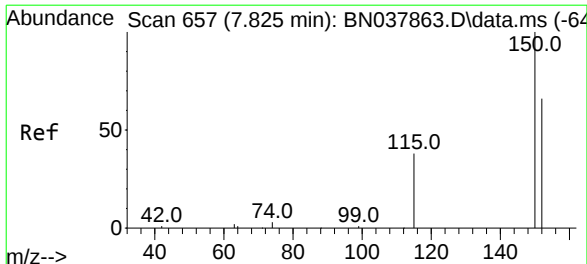
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092625\
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Misc :
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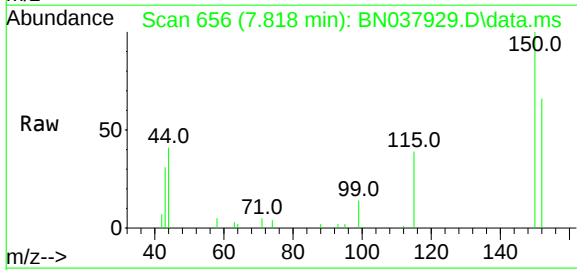
Quant Time: Sep 26 17:51:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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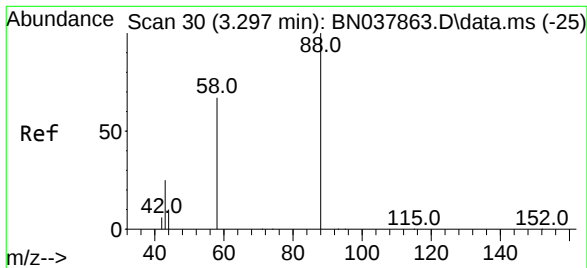
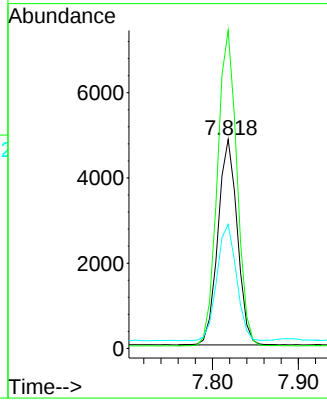
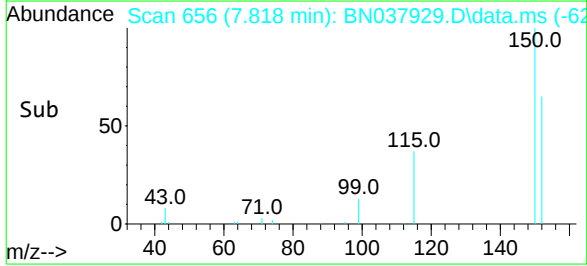


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 65
Delta R.T. -0.007 min
Lab File: BN037929.D
Acq: 26 Sep 2025 17:22

Instrument :
BNA_N
ClientSampleId :

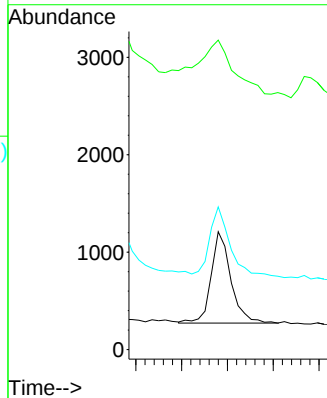
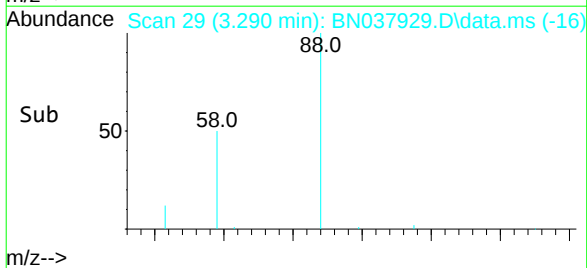
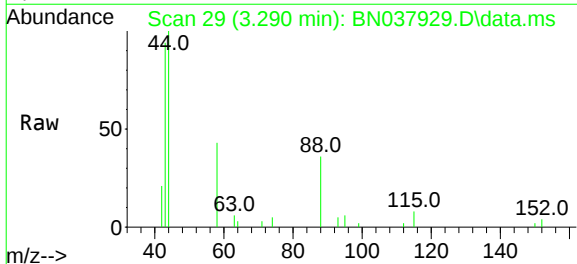


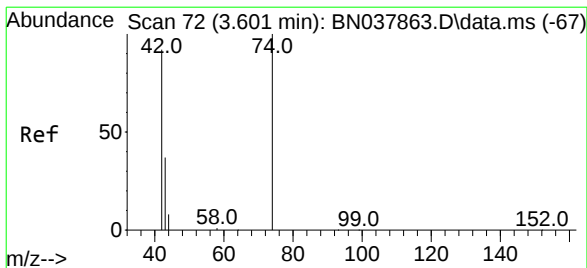
Tgt Ion: 152 Resp: 7560
Ion Ratio Lower Upper
152 100
150 152.1 121.0 181.4
115 59.3 47.4 71.0



#2
1,4-Dioxane
Concen: 0.183 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037929.D
Acq: 26 Sep 2025 17:22

Tgt Ion: 88 Resp: 1404
Ion Ratio Lower Upper
88 100
43 93.4 26.6 39.8
58 82.7 58.9 88.3





#3

n-Nitrosodimethylamine

Concen: 0.025 ng

RT: 3.600 min Scan# 72

Delta R.T. -0.000 min

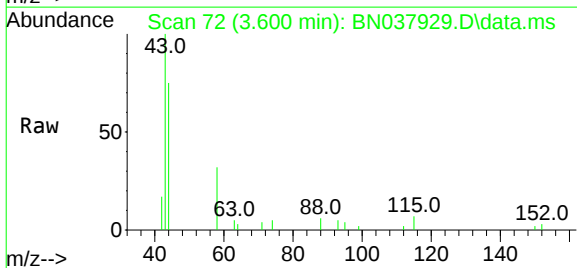
Lab File: BN037929.D

Acq: 26 Sep 2025 17:22

Instrument :

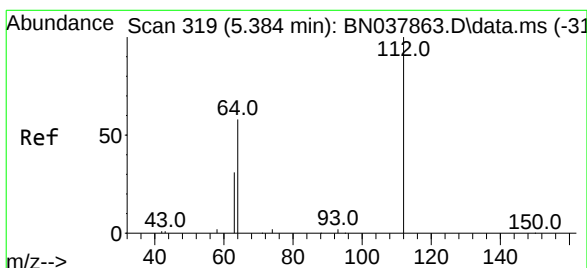
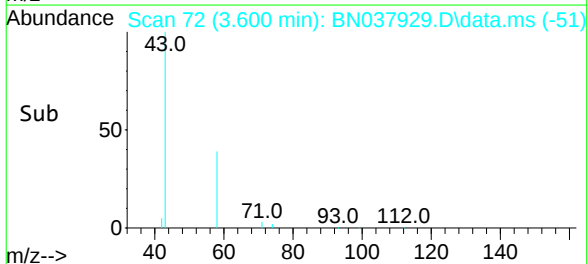
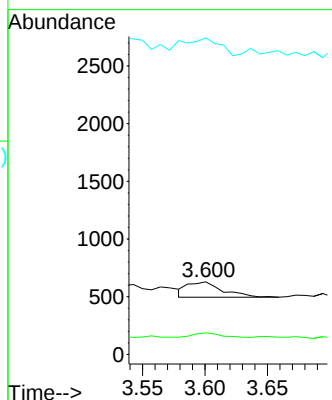
BNA_N

ClientSampleId :



Tgt Ion: 42 Resp: 260

Ion	Ratio	Lower	Upper
42	100		
74	21.5	93.4	140.0#
44	100.4	22.2	33.4#



#4

2-Fluorophenol

Concen: 0.198 ng

RT: 5.384 min Scan# 319

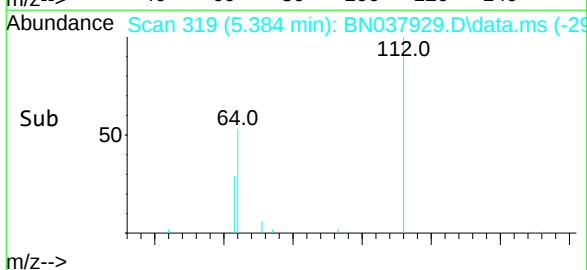
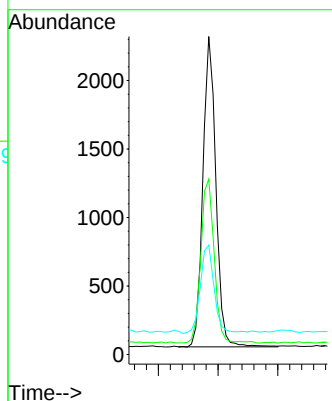
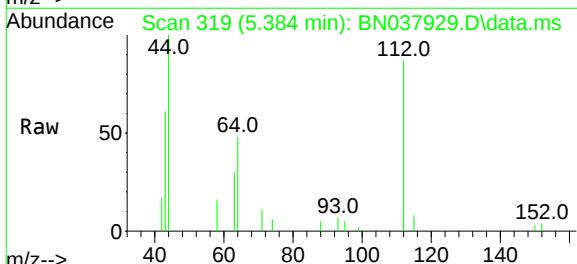
Delta R.T. -0.000 min

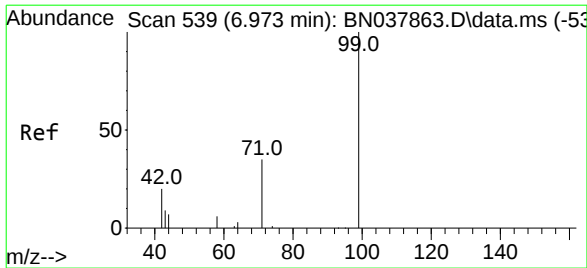
Lab File: BN037929.D

Acq: 26 Sep 2025 17:22

Tgt Ion: 112 Resp: 3419

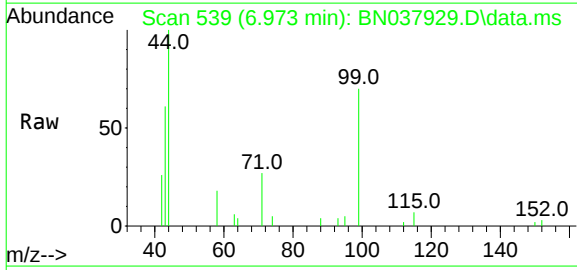
Ion	Ratio	Lower	Upper
112	100		
64	54.4	44.6	66.8
63	30.2	24.9	37.3



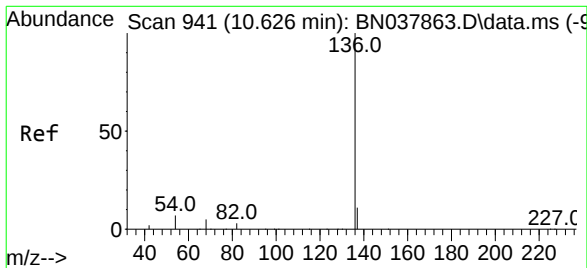
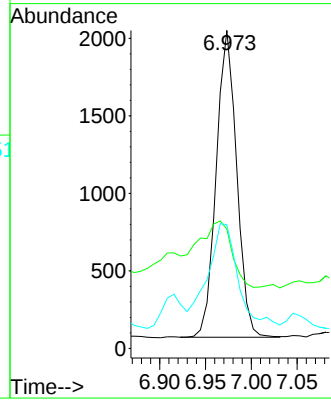
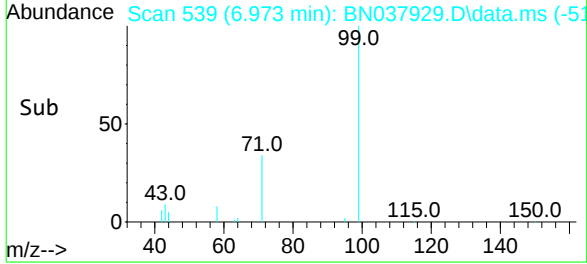


#5
Phenol-d6
Concen: 0.136 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037929.D
Acq: 26 Sep 2025 17:22

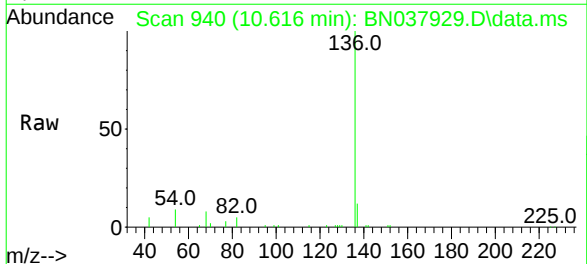
Instrument :
BNA_N
ClientSampleId :



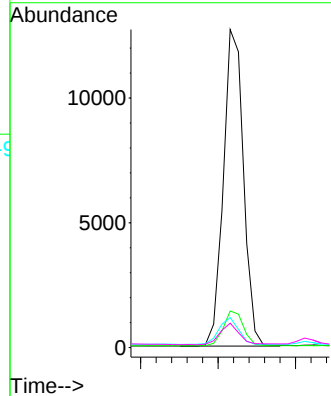
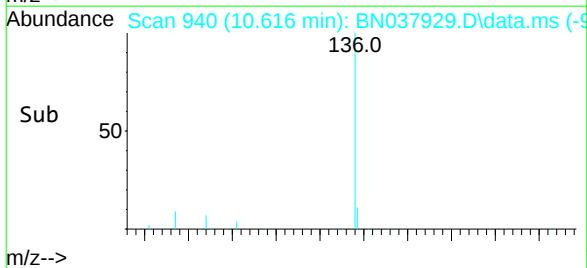
Tgt Ion	Ratio	Lower	Upper
99	100		
42	53.3	17.2	25.8#
71	49.4	27.3	40.9#

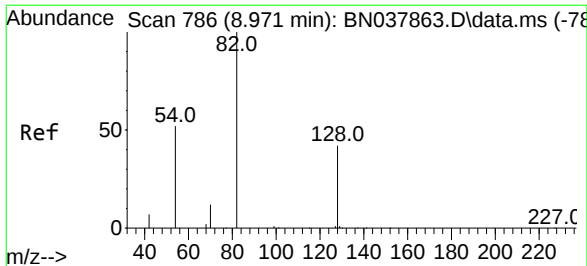


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 940
Delta R.T. -0.011 min
Lab File: BN037929.D
Acq: 26 Sep 2025 17:22



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	9.4	5.8	8.8#
68	7.7	4.3	6.5#

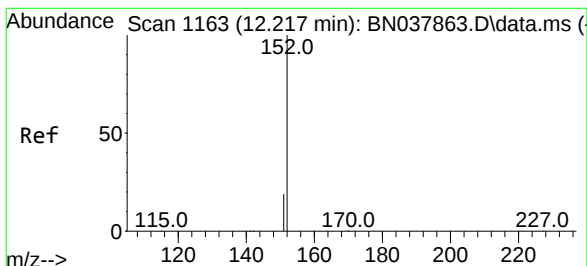
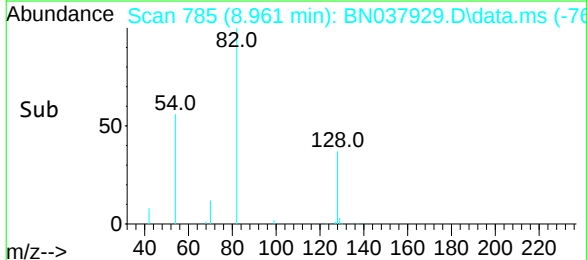
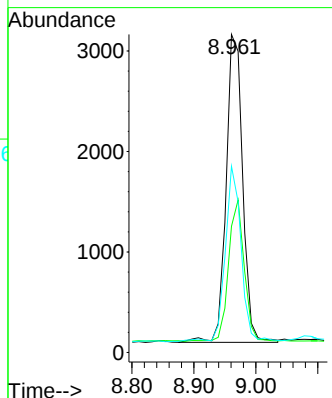
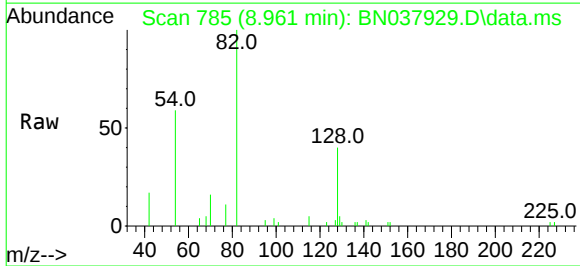




#8
 Nitrobenzene-d5
 Concen: 0.326 ng
 RT: 8.961 min Scan# 78
 Delta R.T. -0.011 min
 Lab File: BN037929.D
 Acq: 26 Sep 2025 17:22

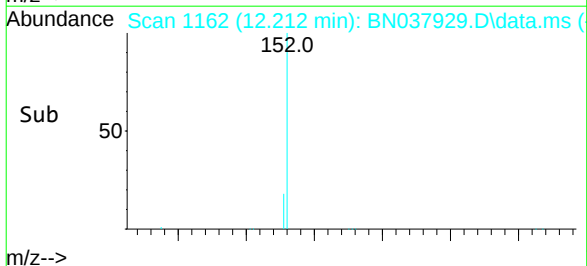
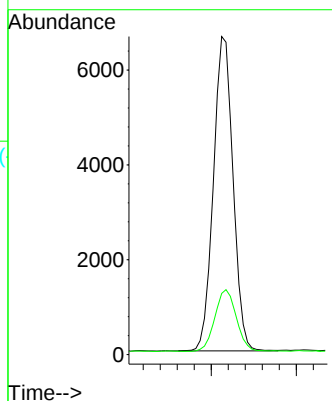
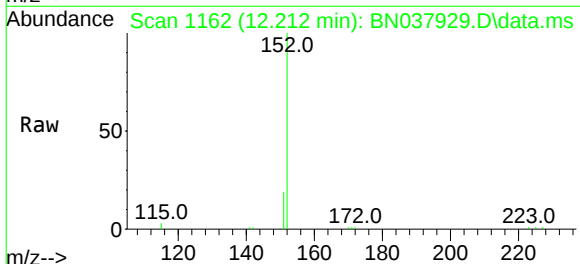
Instrument :
 BNA_N
 ClientSampleId :

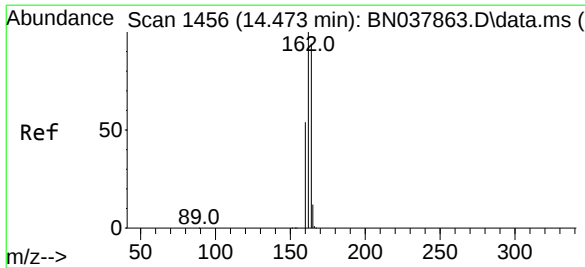
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.7	34.8	52.2
54	58.5	42.2	63.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.335 ng
 RT: 12.212 min Scan# 1162
 Delta R.T. -0.005 min
 Lab File: BN037929.D
 Acq: 26 Sep 2025 17:22

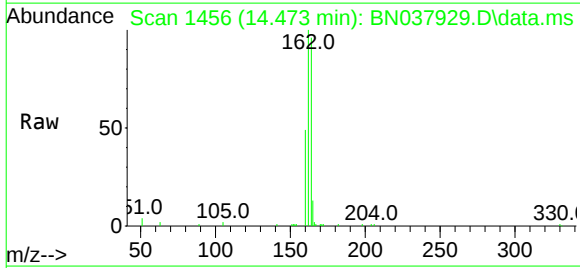
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.4	26.2



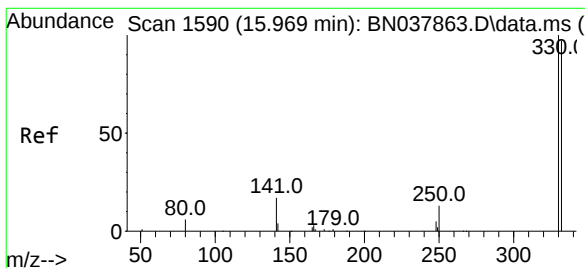
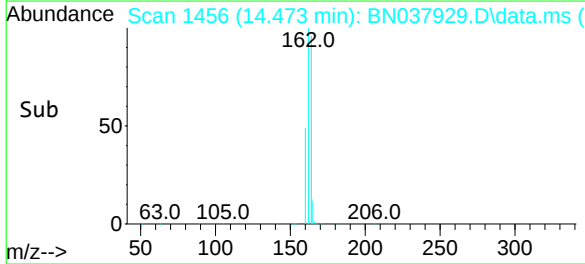
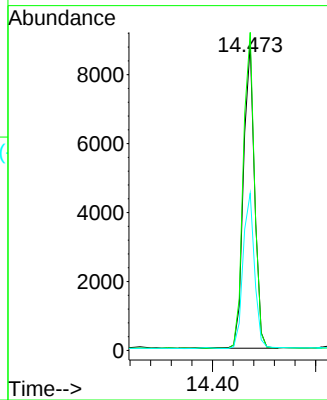


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037929.D
Acq: 26 Sep 2025 17:22

Instrument :
BNA_N
ClientSampleId :

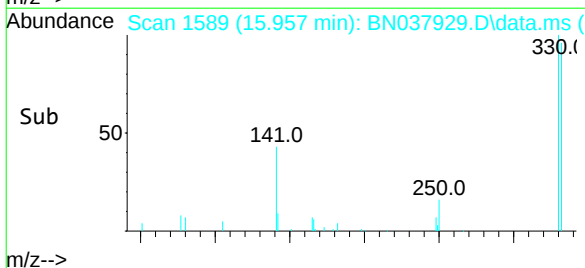
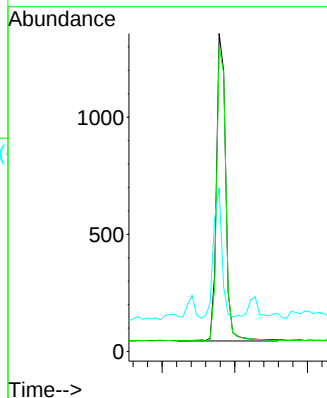
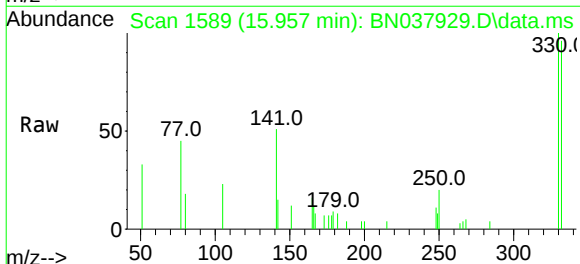


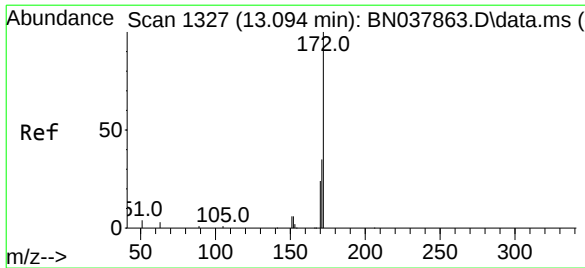
Tgt Ion:164 Resp: 13207
Ion Ratio Lower Upper
164 100
162 103.9 84.8 127.2
160 51.3 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.461 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037929.D
Acq: 26 Sep 2025 17:22

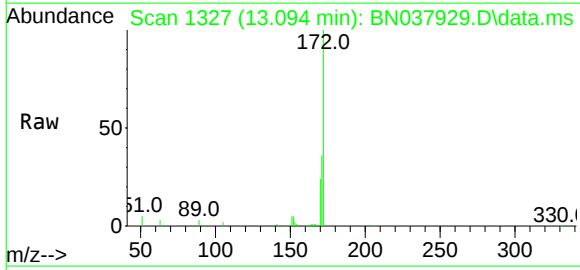
Tgt Ion:330 Resp: 2311
Ion Ratio Lower Upper
330 100
332 95.4 77.2 115.8
141 39.2 37.2 55.8



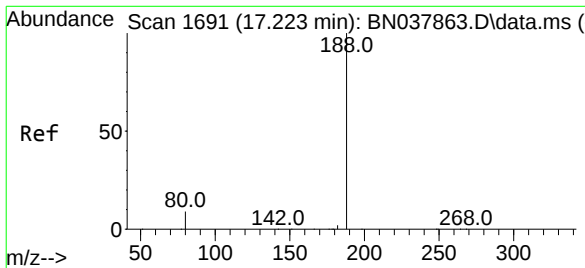
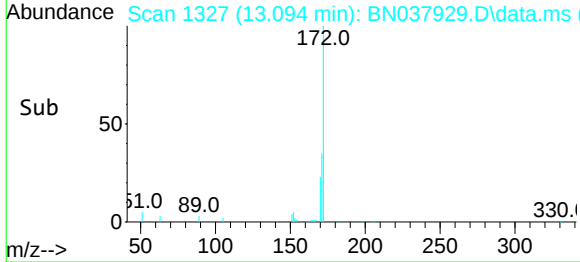
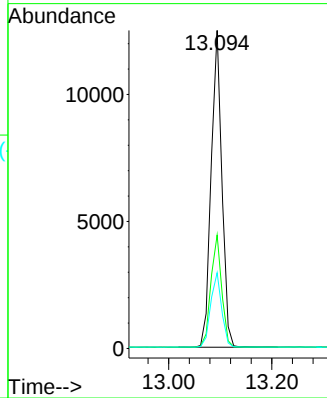


#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037929.D
Acq: 26 Sep 2025 17:22

Instrument :
BNA_N
ClientSampleId :

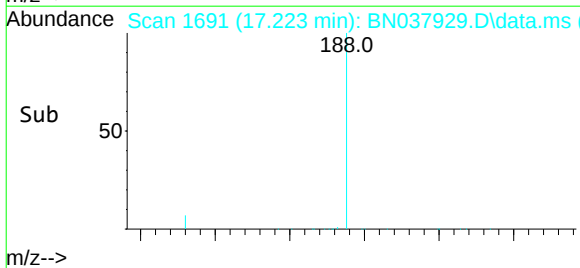
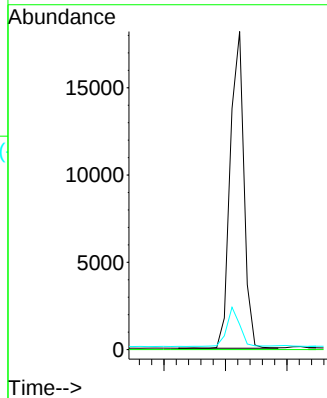
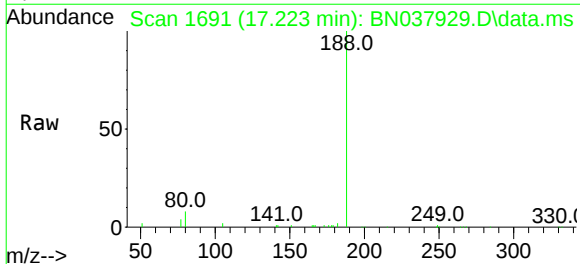


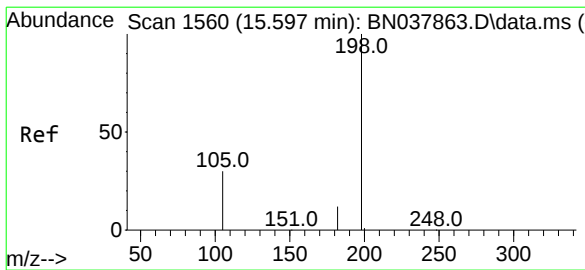
Tgt Ion:	172	Resp:	18058
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.6	43.0
170	23.8	19.7	29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037929.D
Acq: 26 Sep 2025 17:22

Tgt Ion:	188	Resp:	28004
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.9	7.6	11.4

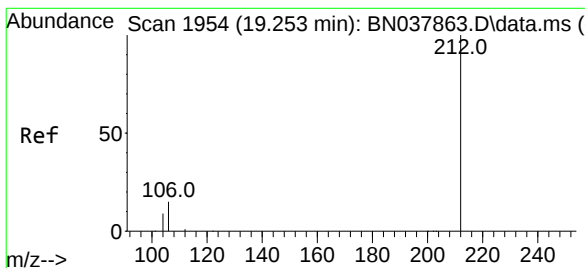
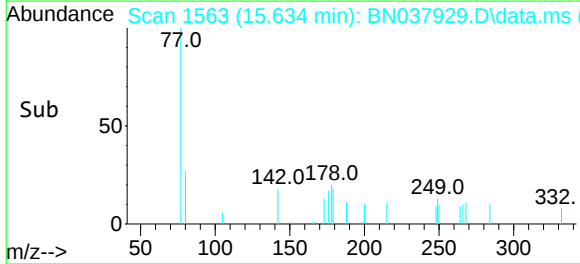
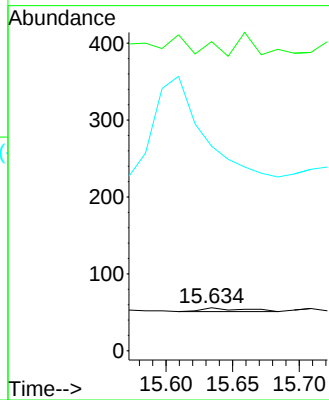
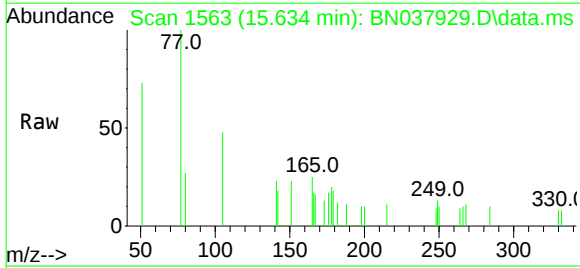




#20
4,6-Dinitro-2-methylphenol
Concen: 0.070 ng
RT: 15.634 min Scan# 15
Delta R.T. 0.037 min
Lab File: BN037929.D
Acq: 26 Sep 2025 17:22

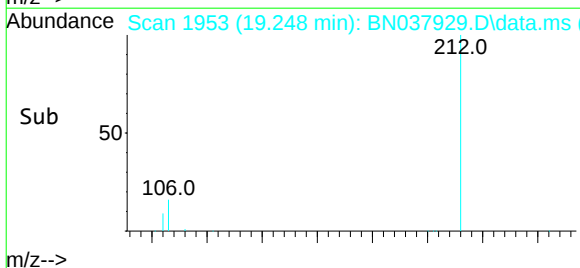
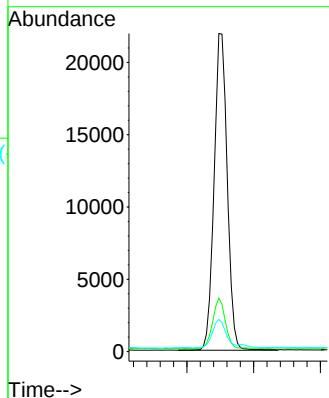
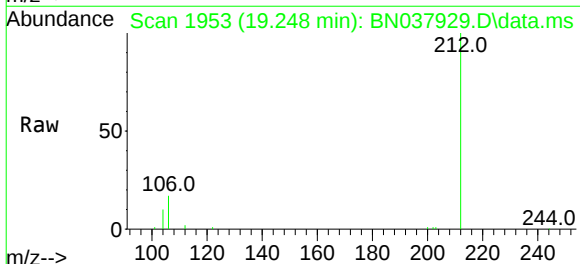
Instrument :
BNA_N
ClientSampleId :

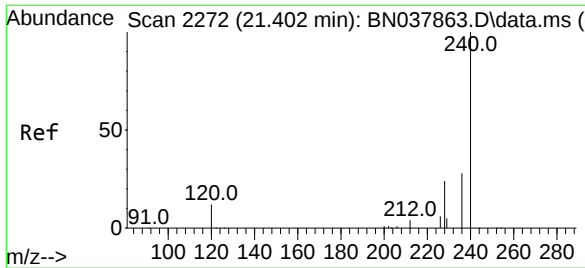
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 717.9 59.1 88.7#
105 475.0 41.3 61.9#



#27
Fluoranthene-d10
Concen: 0.425 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037929.D
Acq: 26 Sep 2025 17:22

Tgt Ion:212 Resp: 29963
Ion Ratio Lower Upper
212 100
106 15.5 12.6 19.0
104 9.2 7.4 11.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.402 min Scan# 2272

Delta R.T. -0.000 min

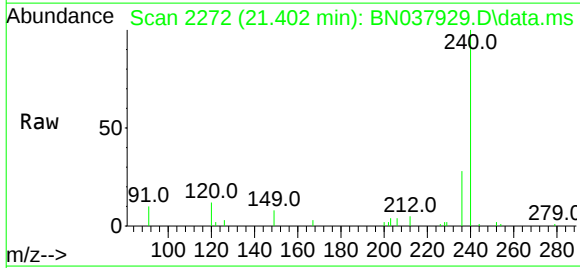
Lab File: BN037929.D

Acq: 26 Sep 2025 17:22

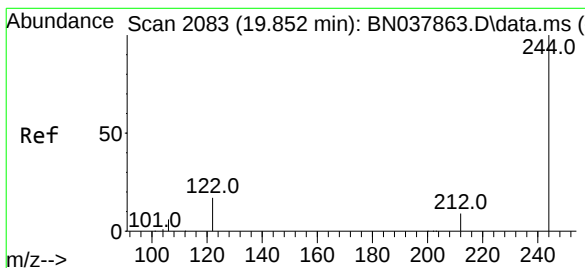
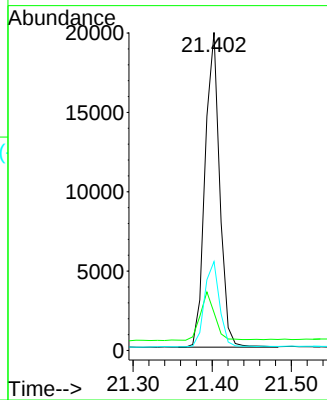
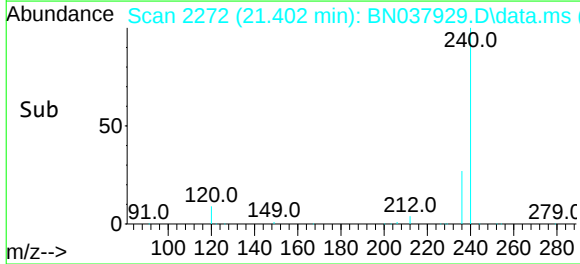
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	240	Resp:	25380
Ion Ratio	Lower	Upper	
240	100		
120	11.9	11.4	17.2
236	27.9	23.0	34.6



#31

Terphenyl-d14

Concen: 0.440 ng

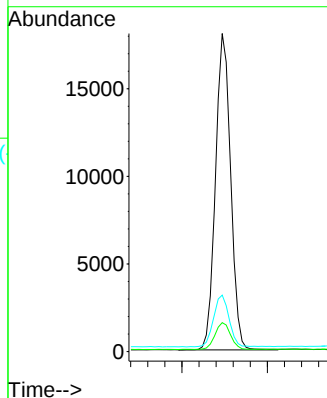
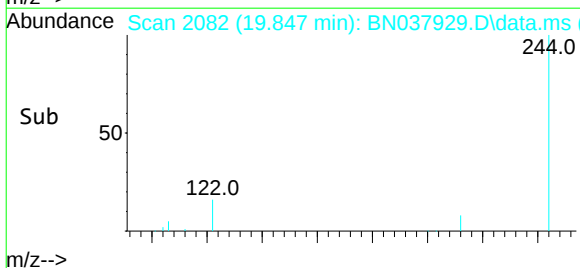
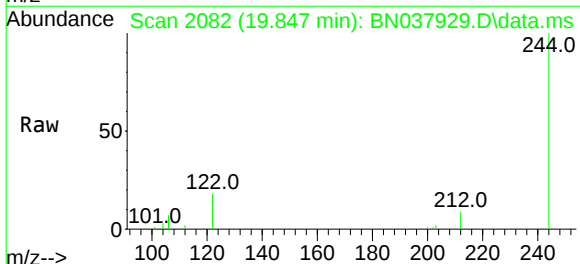
RT: 19.847 min Scan# 2082

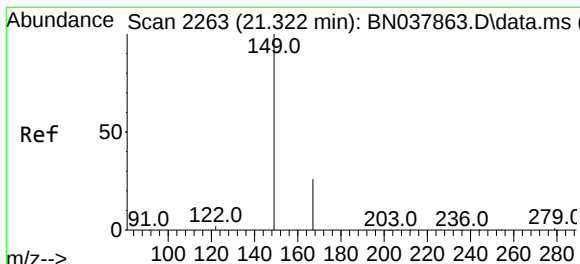
Delta R.T. -0.005 min

Lab File: BN037929.D

Acq: 26 Sep 2025 17:22

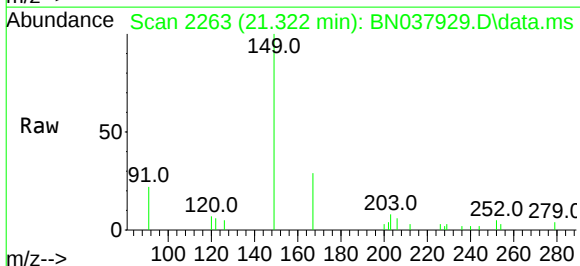
Tgt Ion:	244	Resp:	22244
Ion Ratio	Lower	Upper	
244	100		
212	9.1	7.6	11.4
122	17.8	13.9	20.9



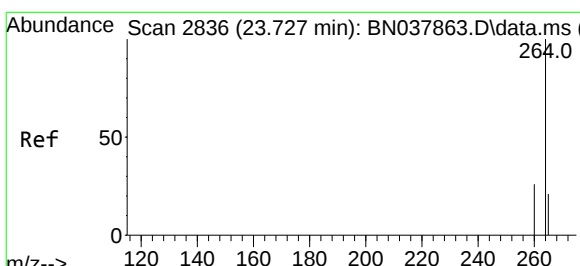
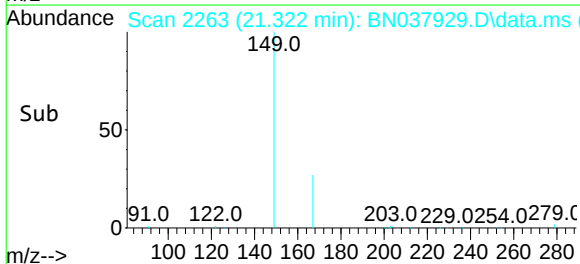
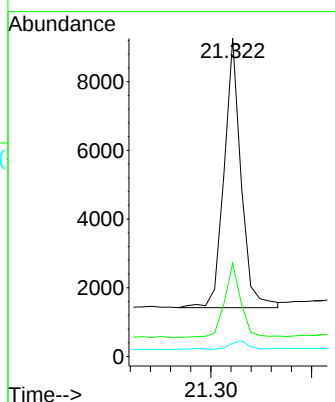


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.261 ng
 RT: 21.322 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: BN037929.D
 Acq: 26 Sep 2025 17:22

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	149	Resp:	9171
Ion Ratio	100	Lower	Upper
149	100		
167	26.6	20.4	30.6
279	3.3	2.4	3.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.727 min Scan# 2836
 Delta R.T. -0.000 min
 Lab File: BN037929.D
 Acq: 26 Sep 2025 17:22

Tgt Ion:	264	Resp:	23551
Ion Ratio	100	Lower	Upper
264	100		
260	27.0	21.5	32.3
265	63.0	53.8	80.6

