

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092625\
 Data File : BN037927.D
 Acq On : 26 Sep 2025 16:09
 Operator : RC/JU
 Sample : Q3165-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 16:46:33 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)

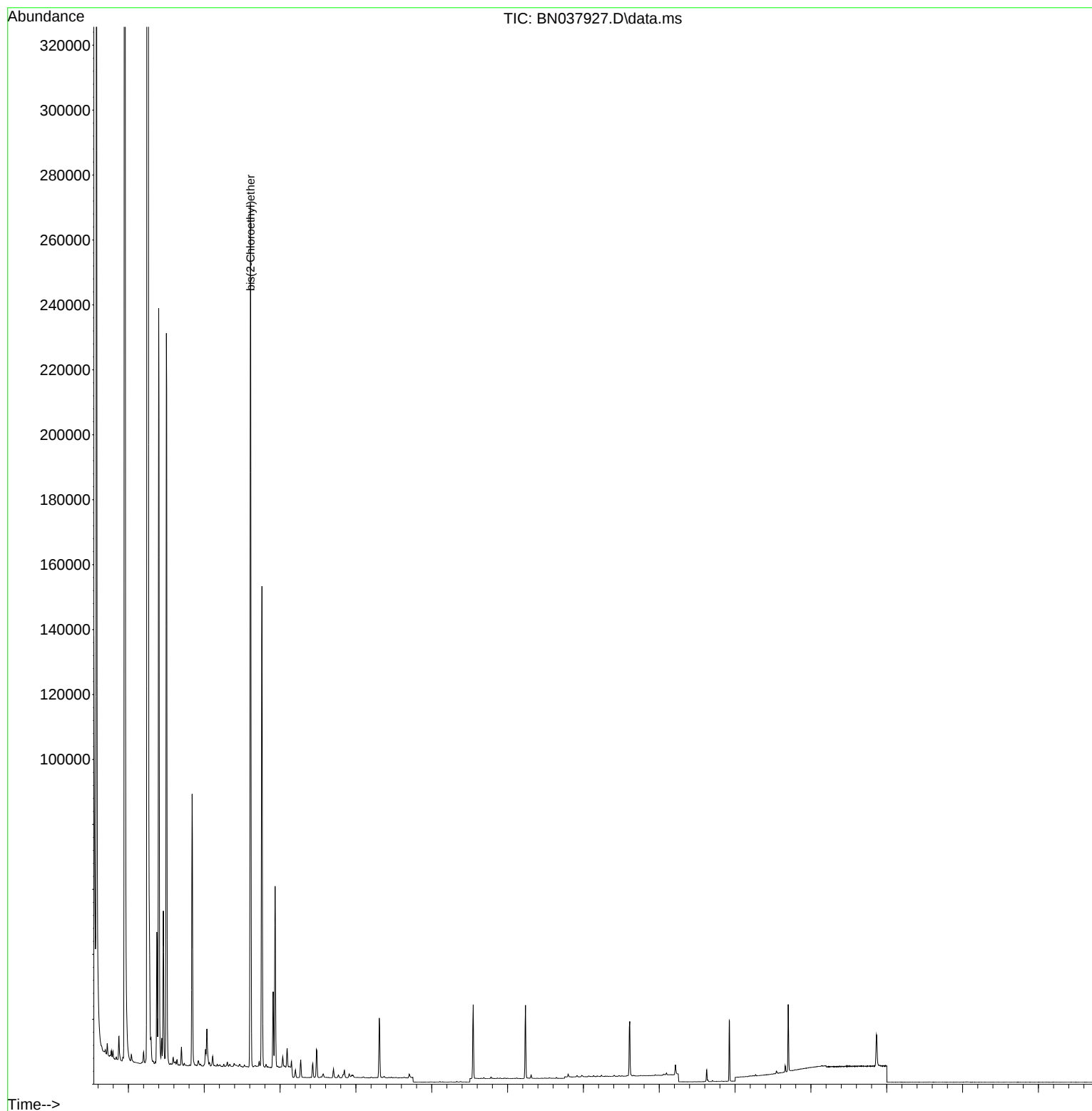
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	8660	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	24721	0.400	ng	#-0.01
13) Acenaphthene-d10	14.473	164	12324	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	24827	0.400	ng	0.00
29) Chrysene-d12	21.402	240	17855	0.400	ng	0.00
35) Perylene-d12	23.730	264	14138	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	83	0.004	ng	0.00
5) Phenol-d6	6.980	99	13	0.001	ng	0.00
8) Nitrobenzene-d5	8.961	82	7169	0.380	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	239	0.007	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	244	0.052	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	19256	0.382	ng	0.00
27) Fluoranthene-d10	19.253	212	3906	0.063	ng	0.00
31) Terphenyl-d14	19.852	244	17294	0.486	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	416	0.047	ng	# 50
3) n-Nitrosodimethylamine	3.550	42	2539	0.217	ng	# 7
6) bis(2-Chloroethyl)ether	7.219	93	174290	7.231	ng	# 44
20) 4,6-Dinitro-2-methylph...	15.572	198	21	0.074	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.322	149	2048	0.083	ng	# 97

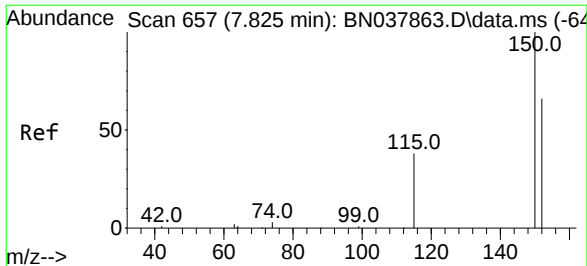
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092625\
Data File : BN037927.D
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ALS Vial : 6 Sample Multiplier: 1

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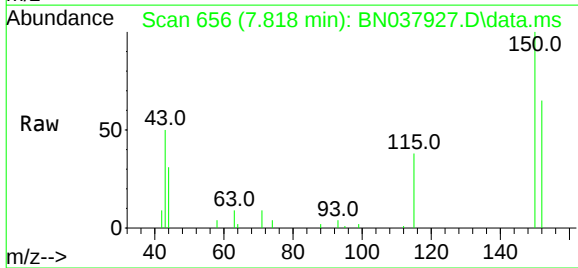
Quant Time: Sep 26 16:46:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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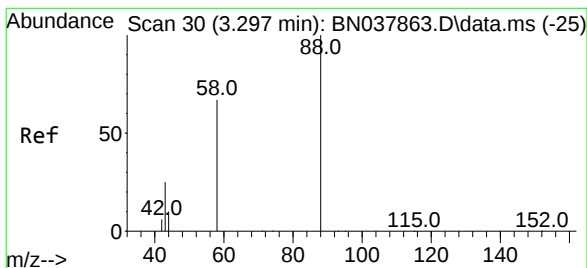
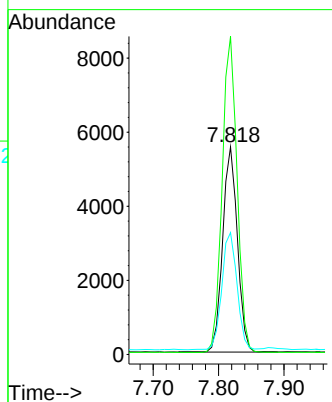
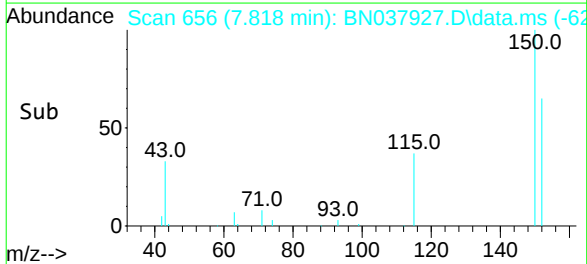


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 65
 Delta R.T. -0.007 min
 Lab File: BN037927.D
 Acq: 26 Sep 2025 16:09

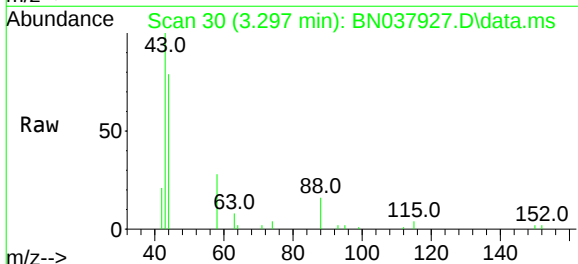
Instrument :
 BNA_N
 ClientSampleId :



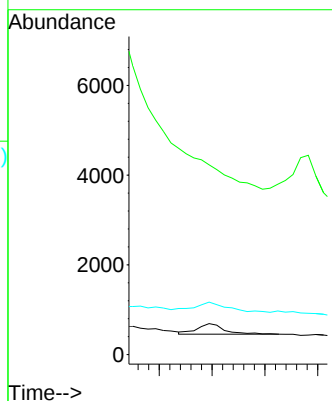
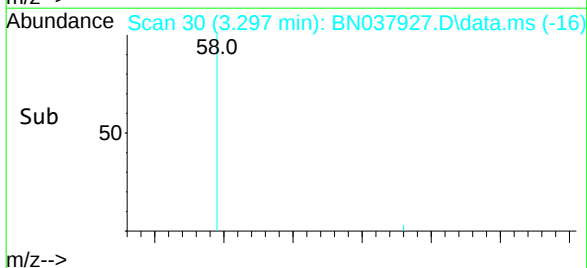
Tgt Ion: 152 Resp: 8660
 Ion Ratio Lower Upper
 152 100
 150 153.2 121.0 181.4
 115 58.7 47.4 71.0

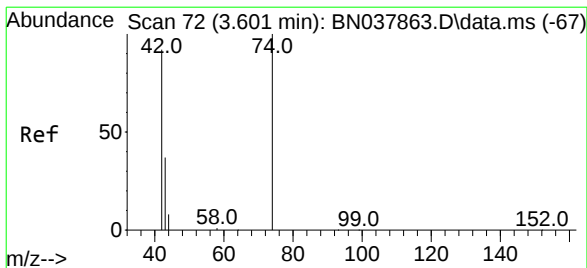


#2
 1,4-Dioxane
 Concen: 0.047 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN037927.D
 Acq: 26 Sep 2025 16:09



Tgt Ion: 88 Resp: 416
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.6 39.8#
 58 113.0 58.9 88.3#





#3

n-Nitrosodimethylamine

Concen: 0.217 ng

RT: 3.550 min Scan# 65

Delta R.T. -0.051 min

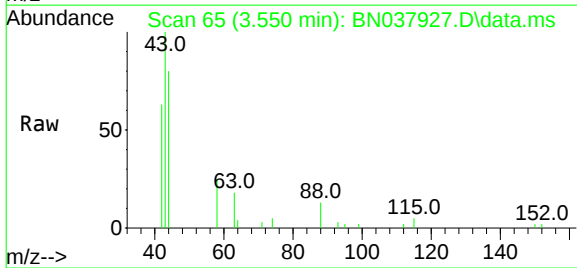
Lab File: BN037927.D

Acq: 26 Sep 2025 16:09

Instrument :

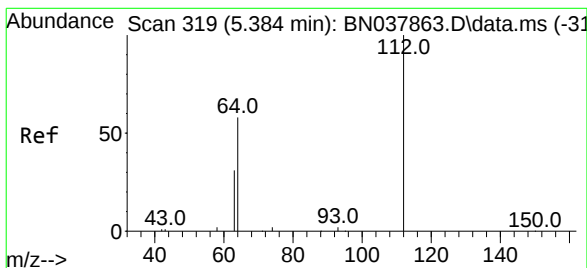
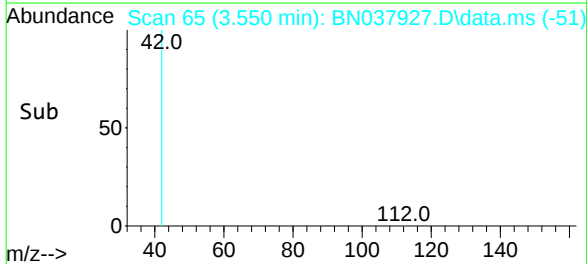
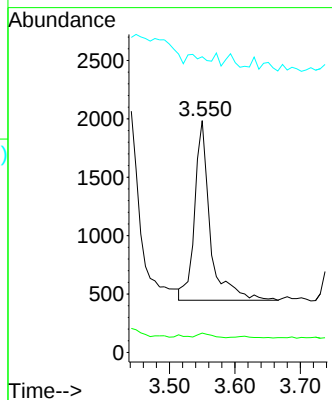
BNA_N

ClientSampleId :



Tgt Ion: 42 Resp: 2539

Ion	Ratio	Lower	Upper
42	100		
74	2.2	93.4	140.0#
44	6.1	22.2	33.4#



#4

2-Fluorophenol

Concen: 0.004 ng

RT: 5.384 min Scan# 319

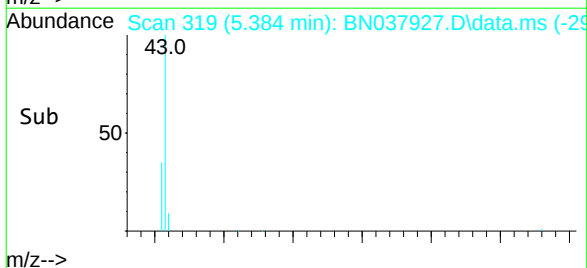
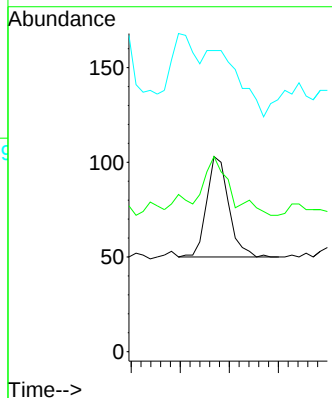
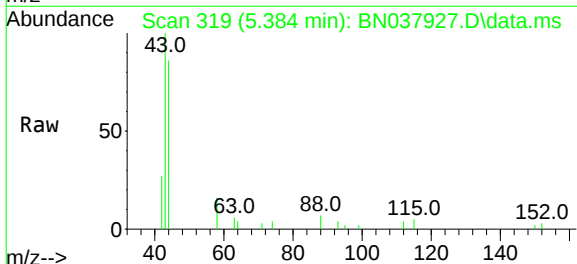
Delta R.T. -0.000 min

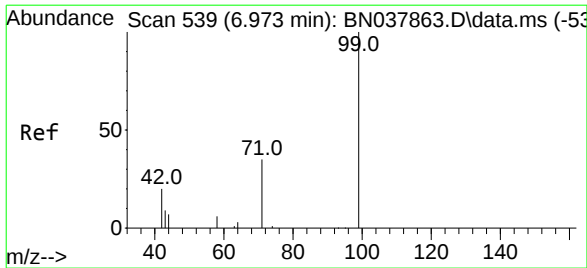
Lab File: BN037927.D

Acq: 26 Sep 2025 16:09

Tgt Ion: 112 Resp: 83

Ion	Ratio	Lower	Upper
112	100		
64	68.7	44.6	66.8#
63	0.0	24.9	37.3#

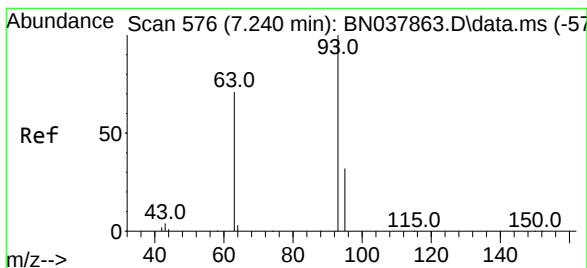
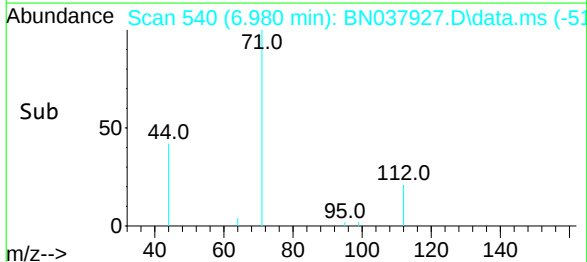
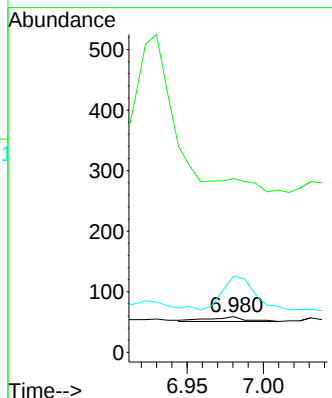
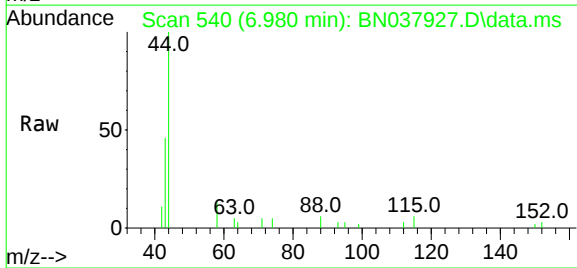




#5
Phenol-d6
Concen: 0.001 ng
RT: 6.980 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN037927.D
Acq: 26 Sep 2025 16:09

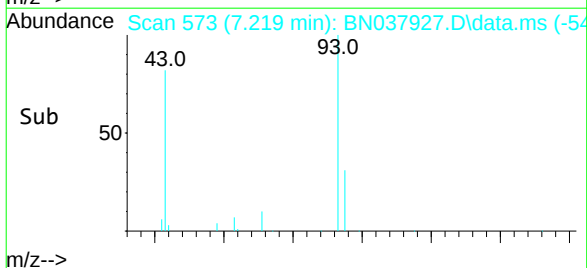
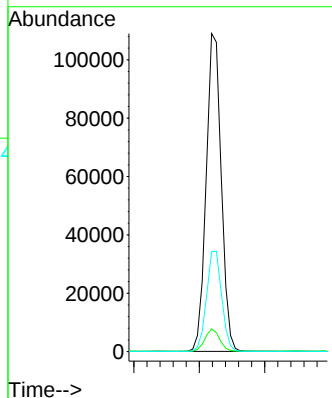
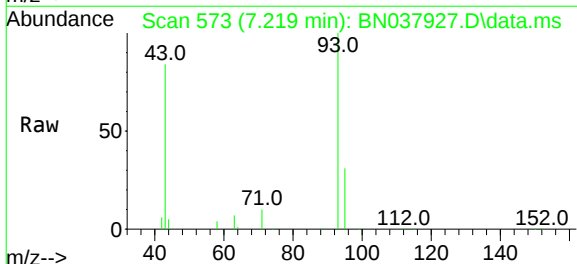
Instrument :
BNA_N
ClientSampleId :

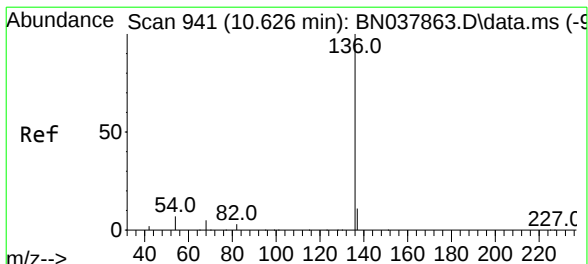
Tgt Ion:	99	Resp:	13
Ion	Ratio	Lower	Upper
99	100		
42	0.0	17.2	25.8#
71	623.1	27.3	40.9#



#6
bis(2-Chloroethyl)ether
Concen: 7.231 ng
RT: 7.219 min Scan# 573
Delta R.T. -0.022 min
Lab File: BN037927.D
Acq: 26 Sep 2025 16:09

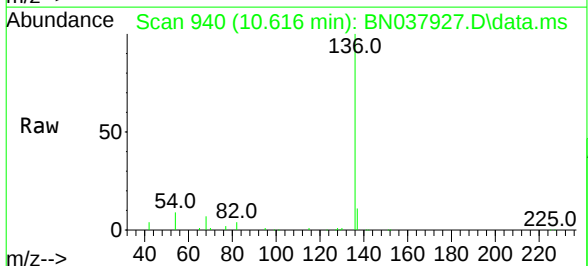
Tgt Ion:	93	Resp:	174290
Ion	Ratio	Lower	Upper
93	100		
63	6.8	60.1	90.1#
95	31.9	25.4	38.2



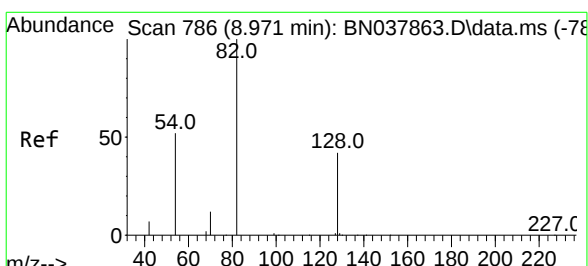
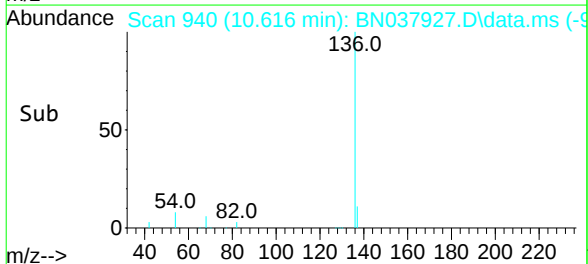
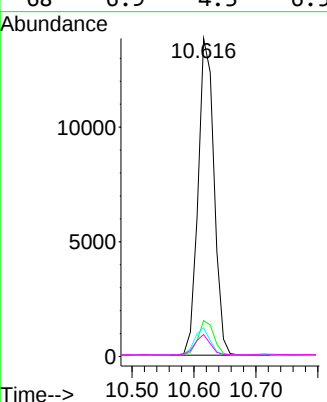


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037927.D
Acq: 26 Sep 2025 16:09

Instrument :
BNA_N
ClientSampleId :

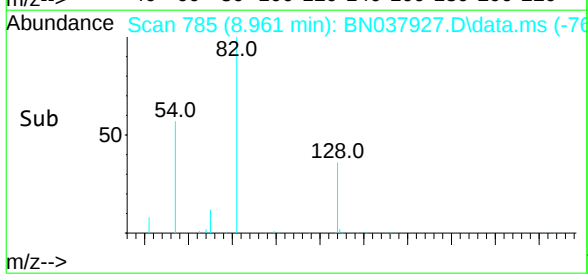
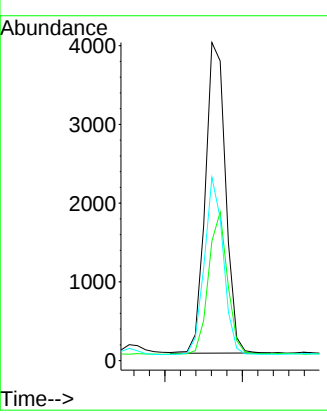
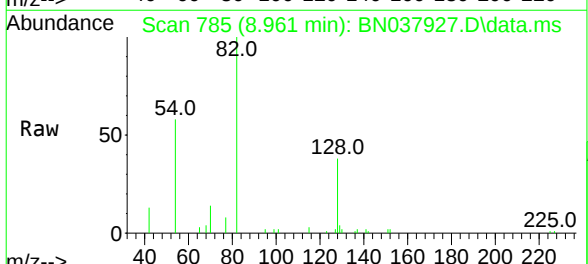


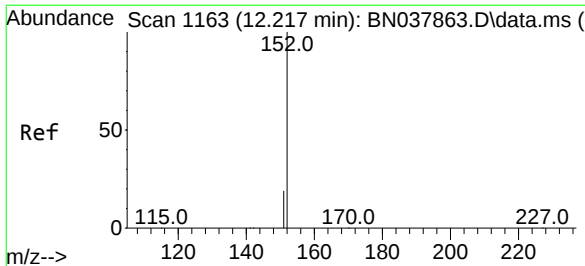
Tgt Ion:	136	Resp:	24721
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.0	5.8	8.8#
68	6.9	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.380 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037927.D
Acq: 26 Sep 2025 16:09

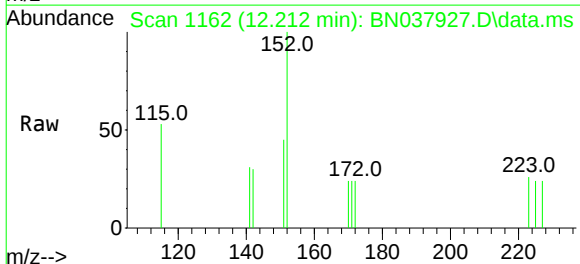
Tgt Ion:	82	Resp:	7169
Ion	Ratio	Lower	Upper
82	100		
128	37.6	34.8	52.2
54	57.6	42.2	63.2



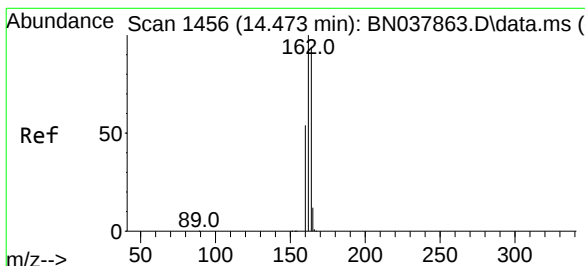
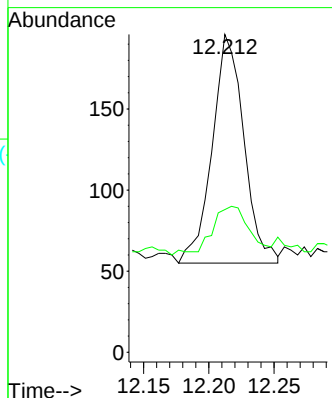
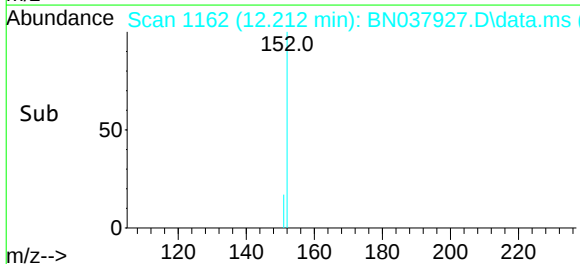


#11
2-Methylnaphthalene-d10
Concen: 0.007 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037927.D
Acq: 26 Sep 2025 16:09

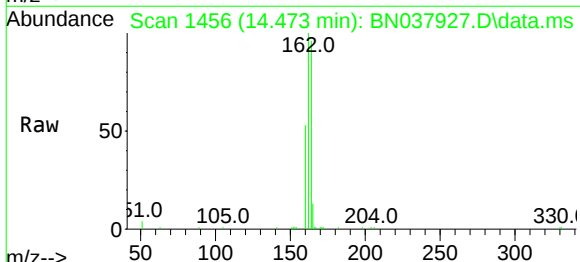
Instrument :
BNA_N
ClientSampleId :



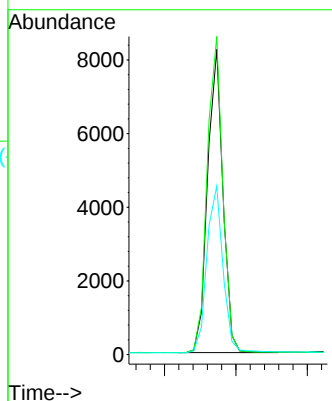
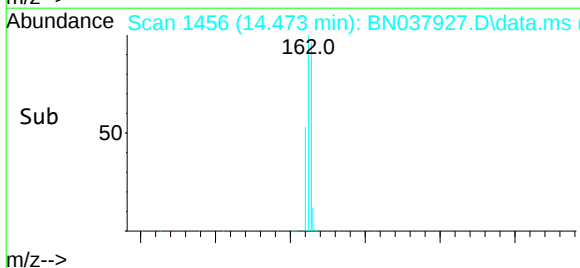
Tgt Ion:152 Resp: 239
Ion Ratio Lower Upper
152 100
151 25.1 17.4 26.2

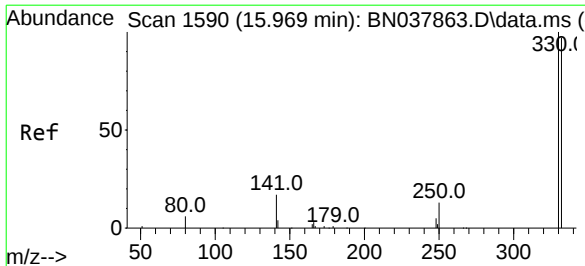


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037927.D
Acq: 26 Sep 2025 16:09



Tgt Ion:164 Resp: 12324
Ion Ratio Lower Upper
164 100
162 104.2 84.8 127.2
160 55.2 46.1 69.1





#14

2,4,6-Tribromophenol

Concen: 0.052 ng

RT: 15.957 min Scan# 15

Delta R.T. -0.012 min

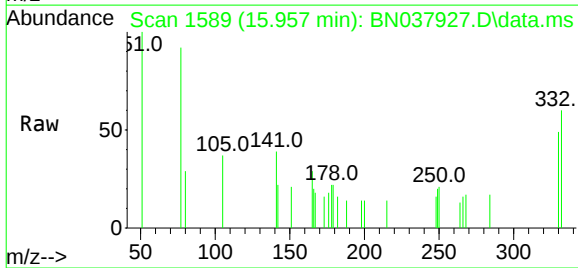
Lab File: BN037927.D

Acq: 26 Sep 2025 16:09

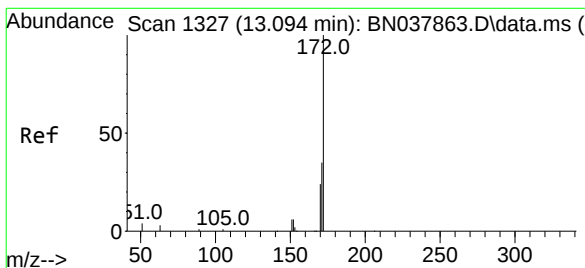
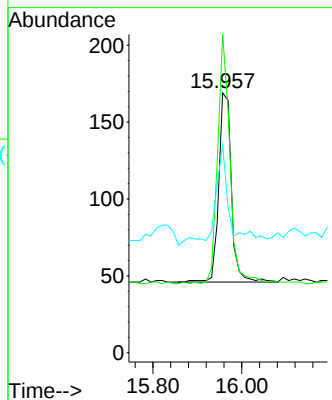
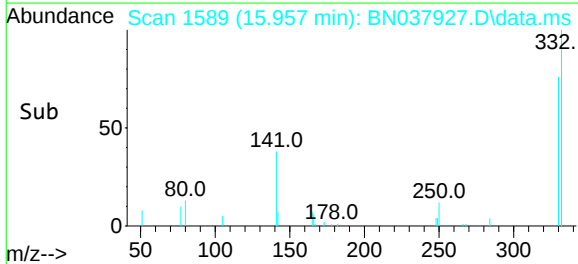
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	330	Resp:	244
Ion	Ratio	Lower	Upper
330	100		
332	128.3	77.2	115.8#
141	41.8	37.2	55.8



#15

2-Fluorobiphenyl

Concen: 0.382 ng

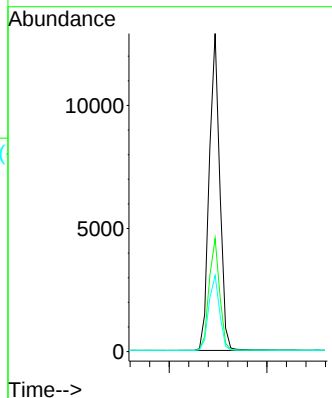
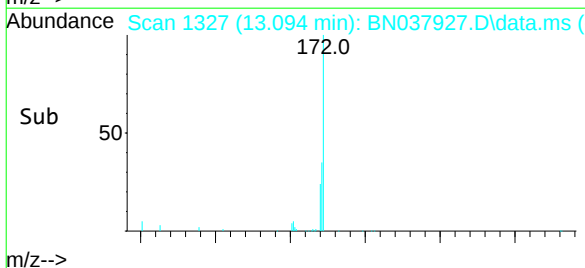
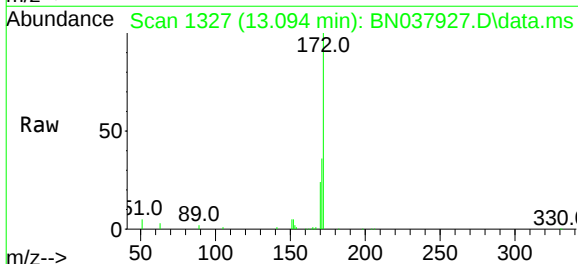
RT: 13.094 min Scan# 1327

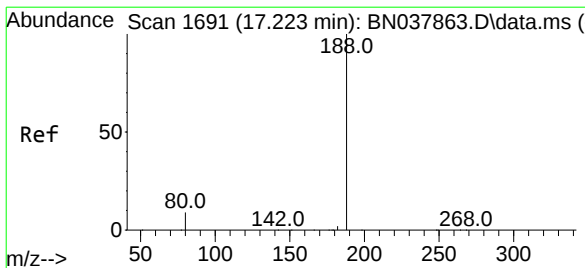
Delta R.T. -0.000 min

Lab File: BN037927.D

Acq: 26 Sep 2025 16:09

Tgt Ion:	172	Resp:	19256
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	24.0	19.7	29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.223 min Scan# 16

Delta R.T. -0.000 min

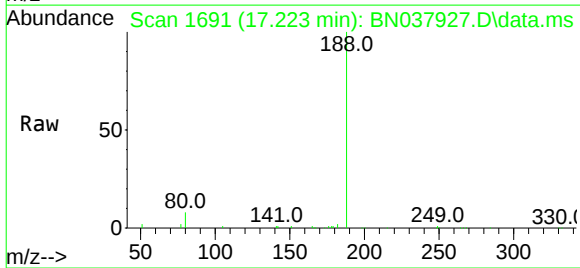
Lab File: BN037927.D

Acq: 26 Sep 2025 16:09

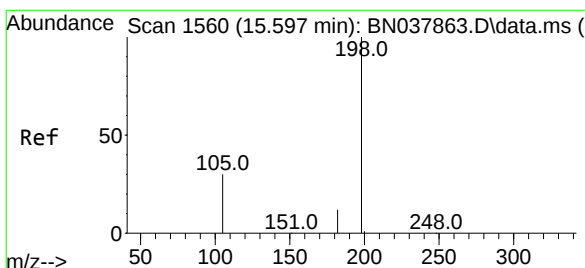
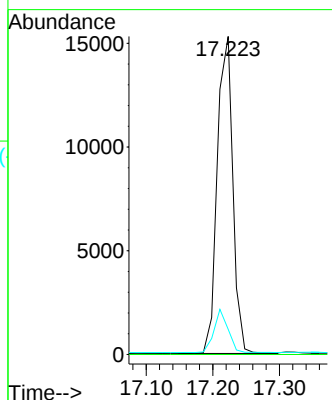
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	188	Resp:	24827
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: 0.074 ng

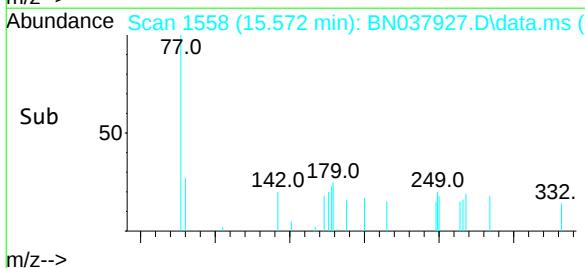
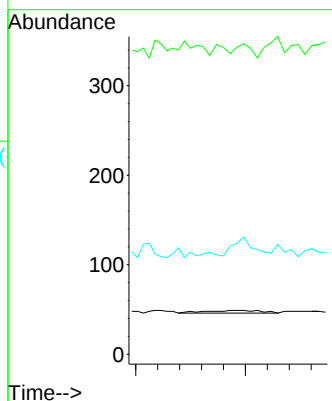
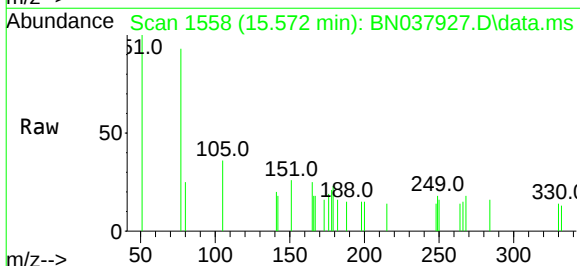
RT: 15.572 min Scan# 1558

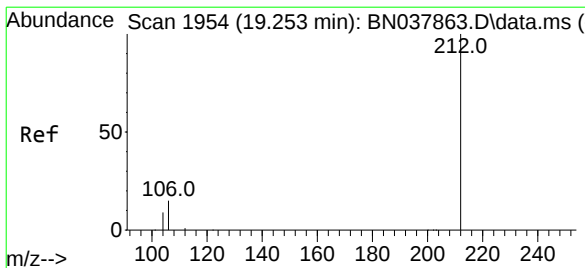
Delta R.T. -0.025 min

Lab File: BN037927.D

Acq: 26 Sep 2025 16:09

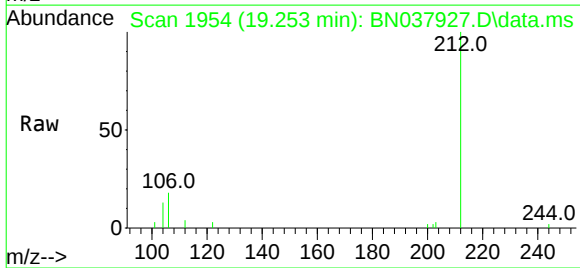
Tgt Ion:	198	Resp:	21
Ion Ratio	Lower	Upper	
198	100		
51	685.7	59.1	88.7#
105	246.9	41.3	61.9#



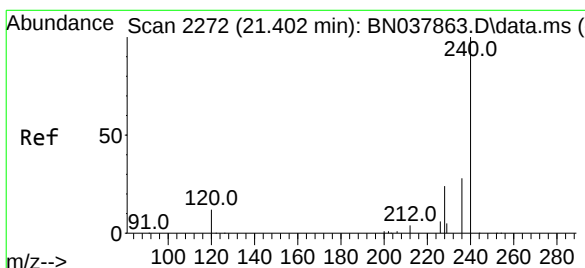
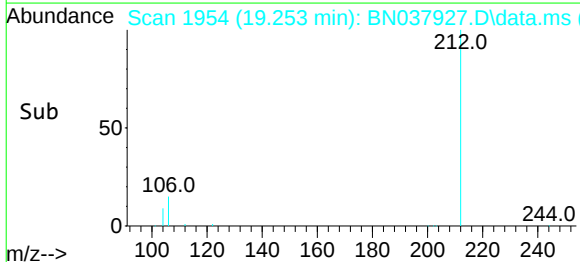
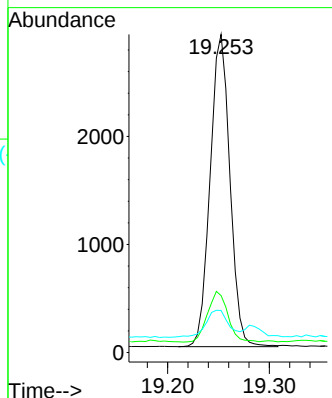


#27
Fluoranthene-d10
Concen: 0.063 ng
RT: 19.253 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037927.D
Acq: 26 Sep 2025 16:09

Instrument :
BNA_N
ClientSampleId :

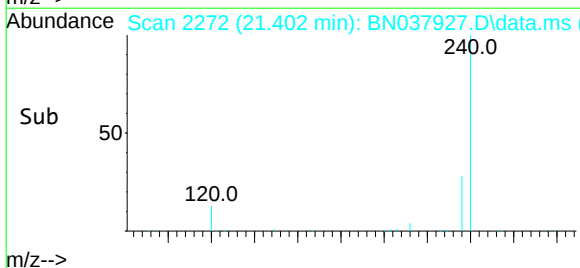
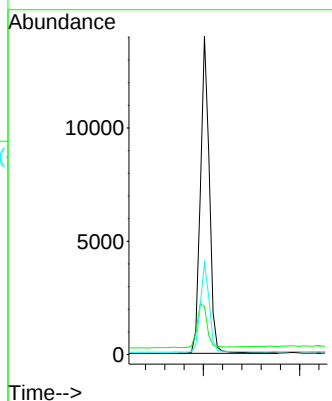
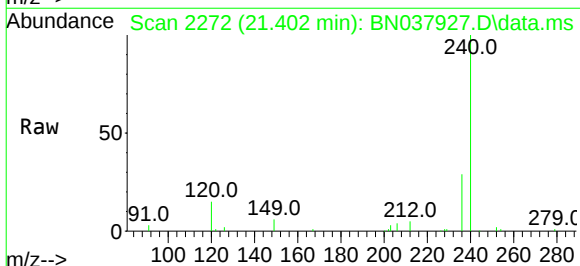


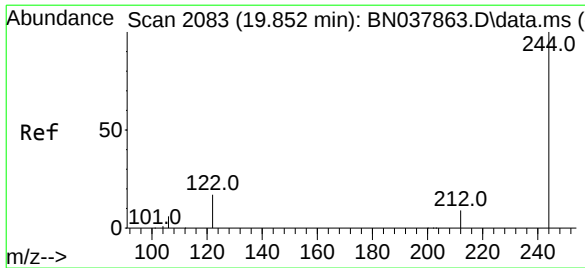
Tgt Ion	Ratio	Lower	Upper
212	100		
106	16.6	12.6	19.0
104	10.0	7.4	11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN037927.D
Acq: 26 Sep 2025 16:09

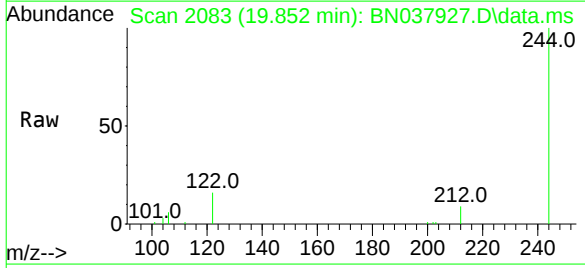
Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.1	11.4	17.2
236	28.9	23.0	34.6



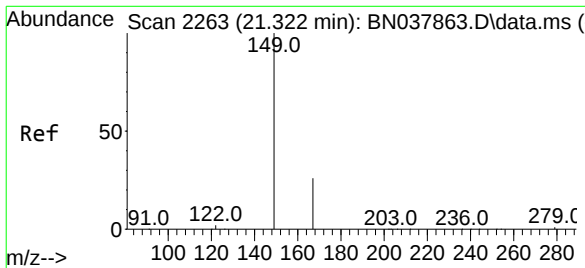
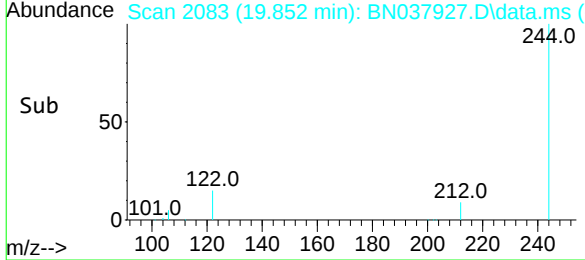
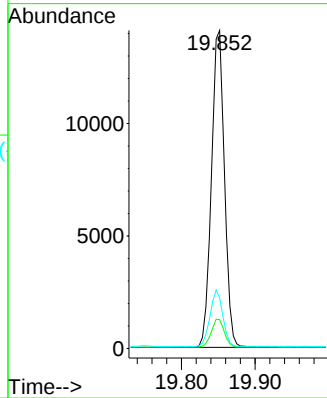


#31
Terphenyl-d14
Concen: 0.486 ng
RT: 19.852 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BN037927.D
Acq: 26 Sep 2025 16:09

Instrument :
BNA_N
ClientSampleId :

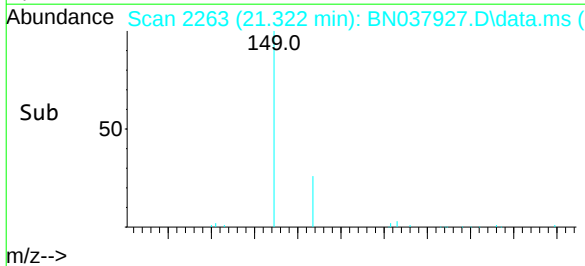
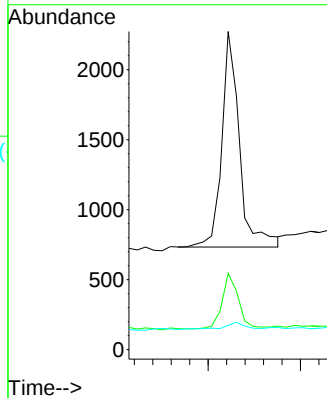
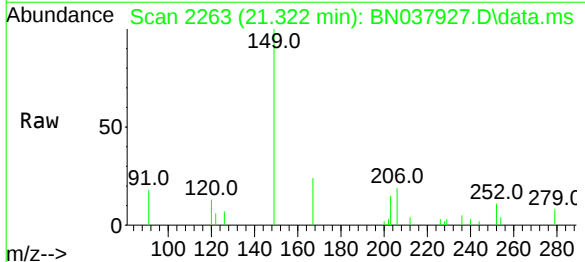


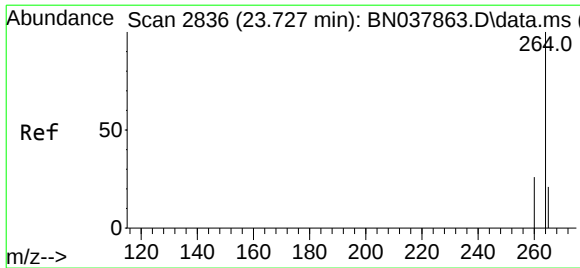
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.6	11.4
122	16.0	13.9	20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.083 ng
RT: 21.322 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BN037927.D
Acq: 26 Sep 2025 16:09

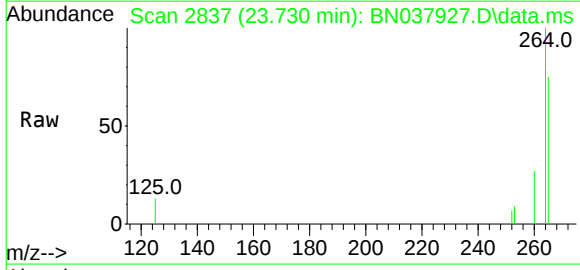
Tgt Ion	Ratio	Lower	Upper
149	100		
167	23.8	20.4	30.6
279	4.0	2.4	3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.730 min Scan# 28
Delta R.T. 0.003 min
Lab File: BN037927.D
Acq: 26 Sep 2025 16:09

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264	Resp:	14138
Ion Ratio	Lower	Upper
264	100	
260	26.7	21.5 32.3
265	74.7	53.8 80.6

