

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092625\
 Data File : BN037928.D
 Acq On : 26 Sep 2025 16:46
 Operator : RC/JU
 Sample : Q3165-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 17:10:52 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)

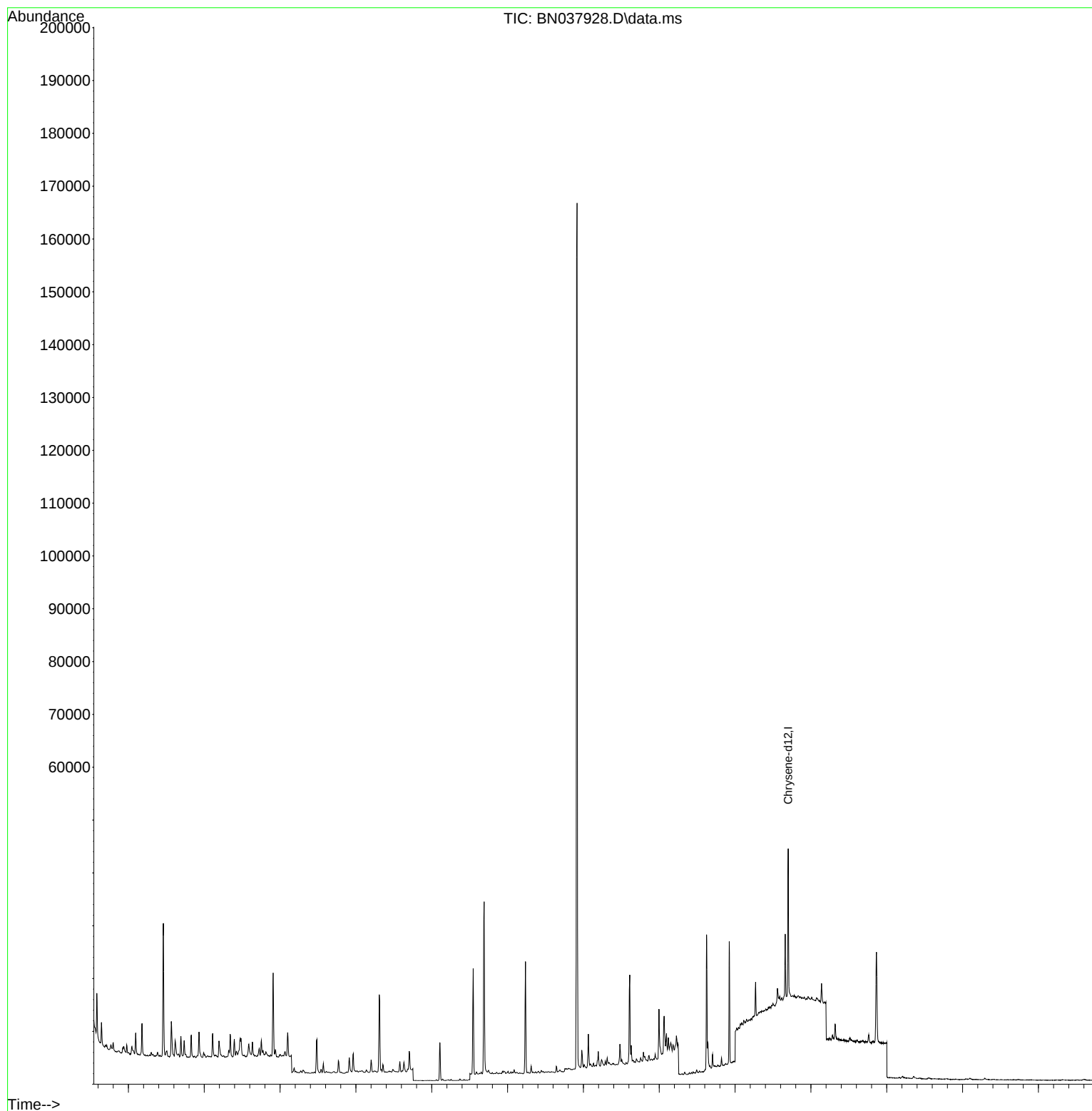
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	6810	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	20262	0.400	ng	#-0.01
13) Acenaphthene-d10	14.473	164	11259	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	23933	0.400	ng	0.00
29) Chrysene-d12	21.402	240	25277	0.400	ng	0.00
35) Perylene-d12	23.727	264	24036	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2823	0.182	ng	0.00
5) Phenol-d6	6.973	99	2692	0.132	ng	0.00
8) Nitrobenzene-d5	8.971	82	5091	0.329	ng	0.00
11) 2-Methylnaphthalene-d10	12.212	152	9654	0.343	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	1851	0.434	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	16146	0.350	ng	0.00
27) Fluoranthene-d10	19.248	212	27420	0.455	ng	0.00
31) Terphenyl-d14	19.847	244	20959	0.416	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	2642	0.382	ng	# 84
3) n-Nitrosodimethylamine	3.600	42	346	0.038	ng	# 13
20) 4,6-Dinitro-2-methylph...	15.585	198	15	0.073	ng	# 1
25) Phenanthrene	17.260	178	2911	0.037	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.322	149	11403	0.326	ng	98

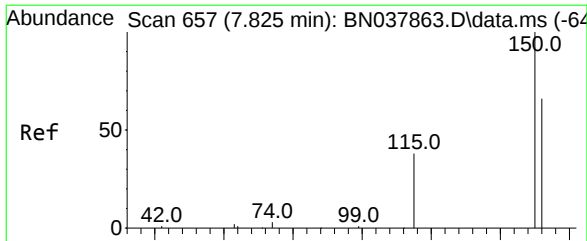
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092625\
Data File : BN037928.D
Acq On : 26 Sep 2025 16:46
Operator : RC/JU
Sample : Q3165-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

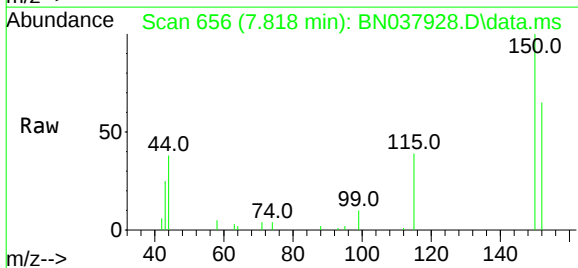
Quant Time: Sep 26 17:10:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration



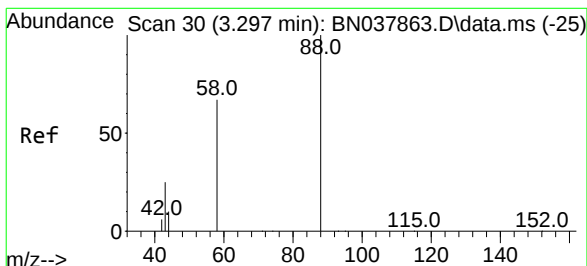
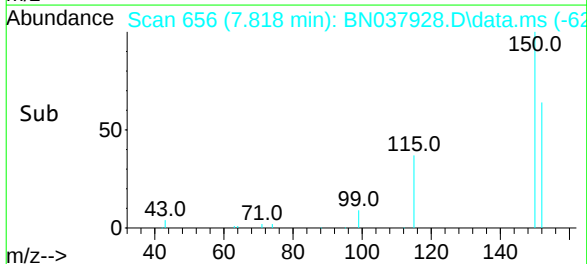
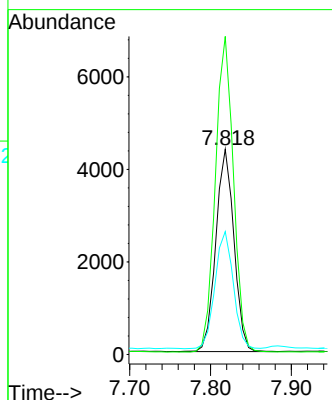


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 65
Delta R.T. -0.007 min
Lab File: BN037928.D
Acq: 26 Sep 2025 16:46

Instrument :
BNA_N
ClientSampleId :

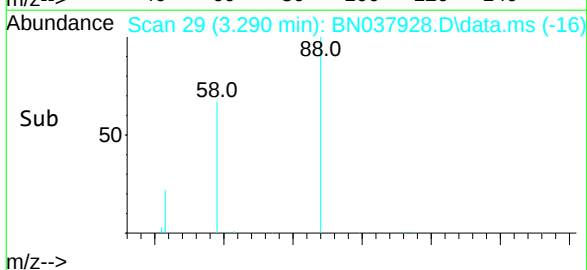
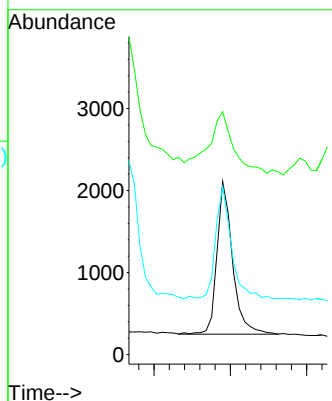
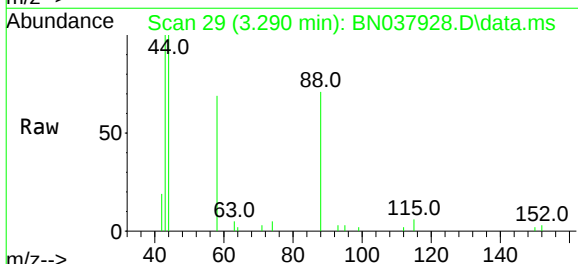


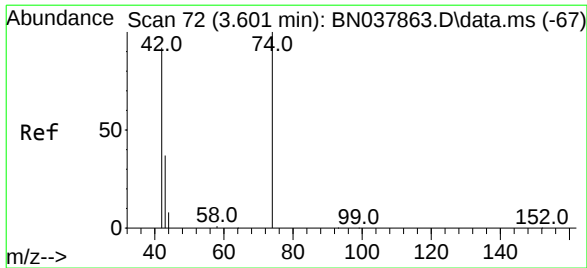
Tgt Ion: 152 Resp: 6810
Ion Ratio Lower Upper
152 100
150 155.0 121.0 181.4
115 59.9 47.4 71.0



#2
1,4-Dioxane
Concen: 0.382 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037928.D
Acq: 26 Sep 2025 16:46

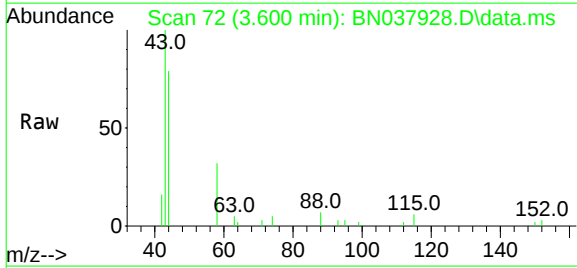
Tgt Ion: 88 Resp: 2642
Ion Ratio Lower Upper
88 100
43 61.1 26.6 39.8#
58 74.6 58.9 88.3



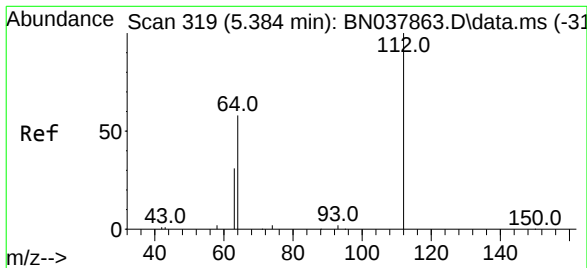
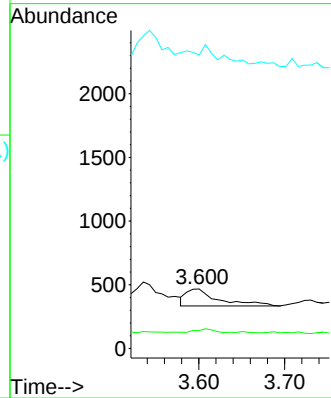
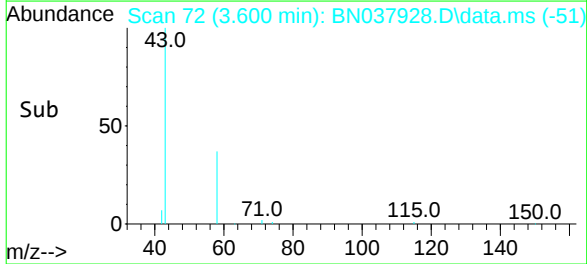


#3
n-Nitrosodimethylamine
Concen: 0.038 ng
RT: 3.600 min Scan# 72
Delta R.T. -0.000 min
Lab File: BN037928.D
Acq: 26 Sep 2025 16:46

Instrument :
BNA_N
ClientSampleId :

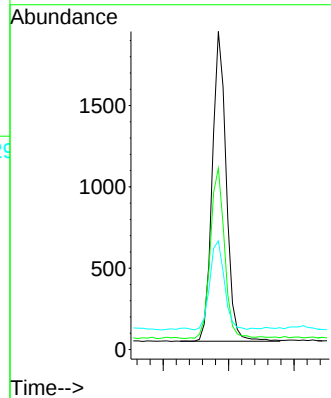
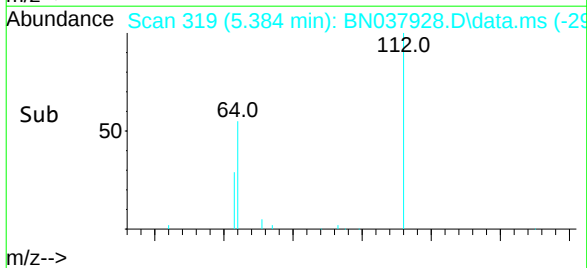
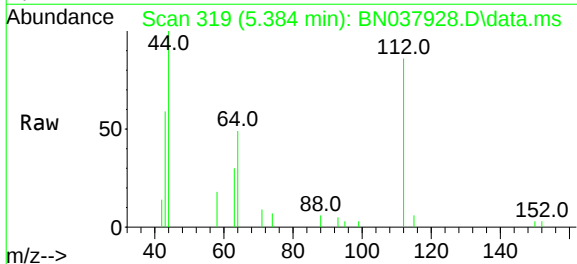


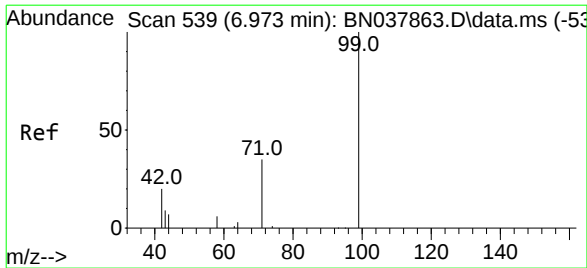
Tgt Ion: 42 Resp: 346
Ion Ratio Lower Upper
42 100
74 13.0 93.4 140.0#
44 0.0 22.2 33.4#



#4
2-Fluorophenol
Concen: 0.182 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037928.D
Acq: 26 Sep 2025 16:46

Tgt Ion: 112 Resp: 2823
Ion Ratio Lower Upper
112 100
64 55.8 44.6 66.8
63 30.0 24.9 37.3





#5

Phenol-d6

Concen: 0.132 ng

RT: 6.973 min Scan# 539

Delta R.T. -0.000 min

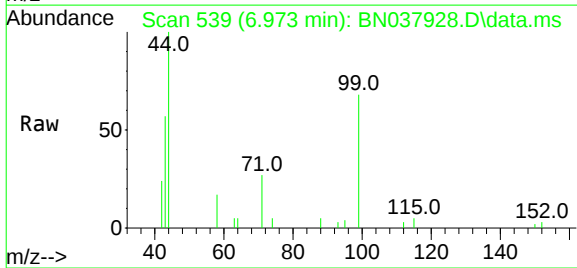
Lab File: BN037928.D

Acq: 26 Sep 2025 16:46

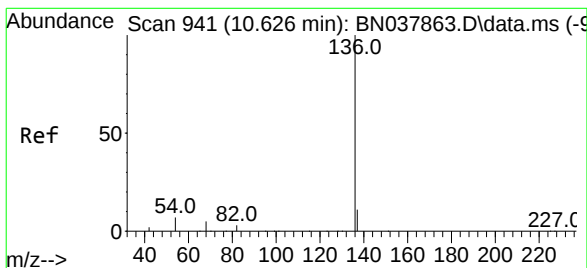
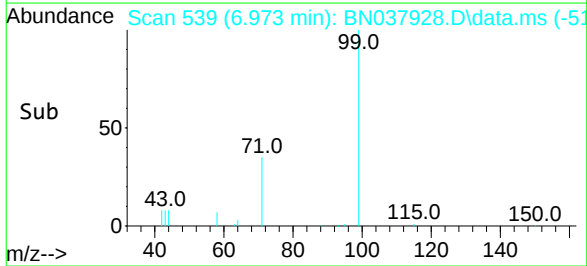
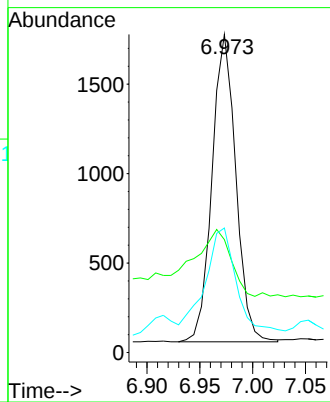
Instrument :

BNA_N

ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
99	100		
42	44.2	17.2	25.8#
71	47.1	27.3	40.9#



#7

Naphthalene-d8

Concen: 0.400 ng

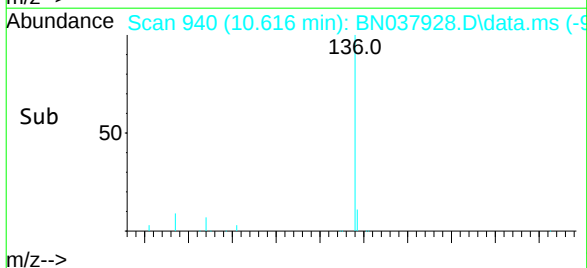
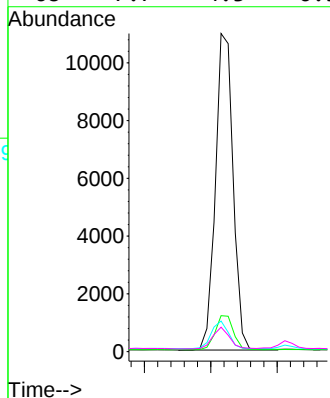
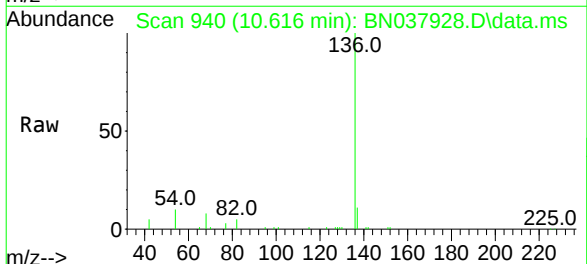
RT: 10.616 min Scan# 940

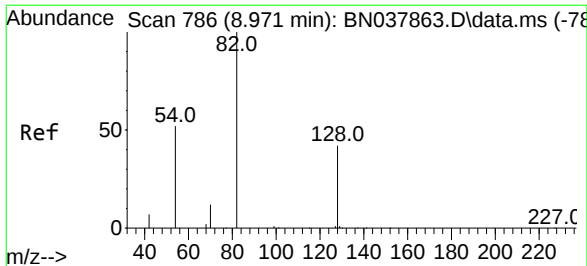
Delta R.T. -0.011 min

Lab File: BN037928.D

Acq: 26 Sep 2025 16:46

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.6	5.8	8.8#
68	7.7	4.3	6.5#

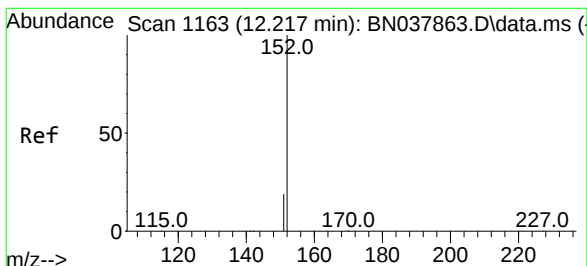
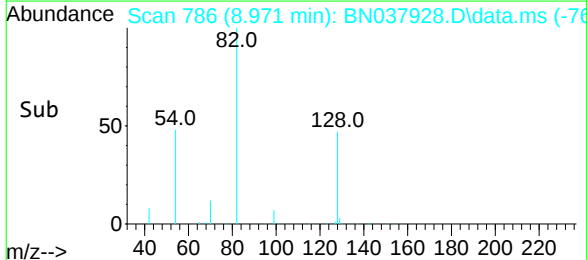
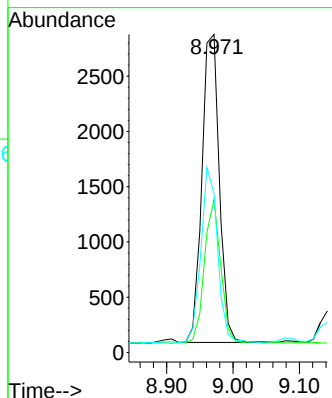
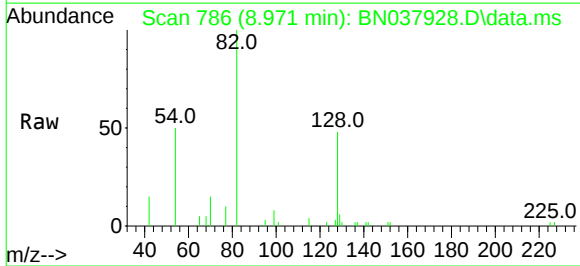




#8
 Nitrobenzene-d5
 Concen: 0.329 ng
 RT: 8.971 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: BN037928.D
 Acq: 26 Sep 2025 16:46

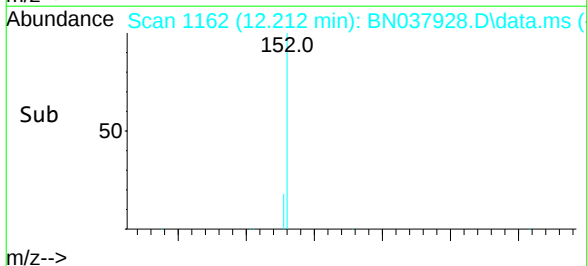
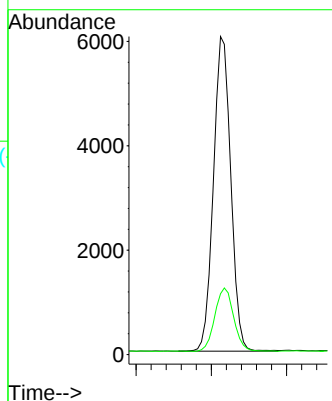
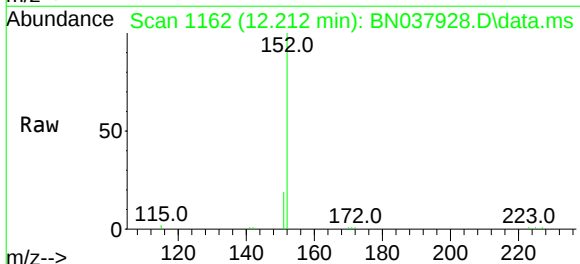
Instrument :
 BNA_N
 ClientSampleId :

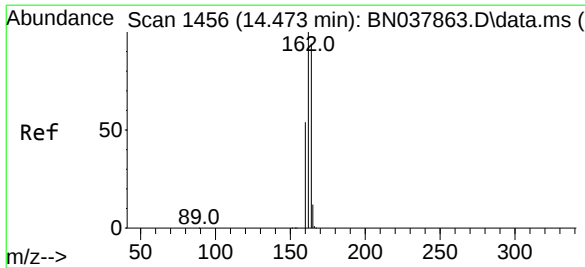
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.8	52.2
54	50.0	42.2	63.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.343 ng
 RT: 12.212 min Scan# 1162
 Delta R.T. -0.005 min
 Lab File: BN037928.D
 Acq: 26 Sep 2025 16:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.4	26.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.473 min Scan# 14

Delta R.T. -0.000 min

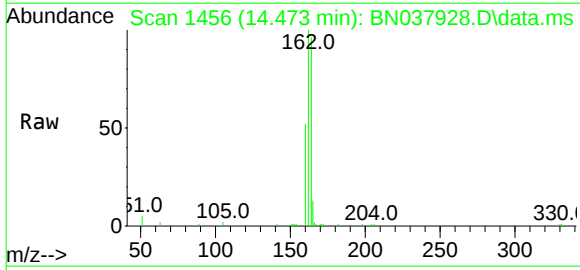
Lab File: BN037928.D

Acq: 26 Sep 2025 16:46

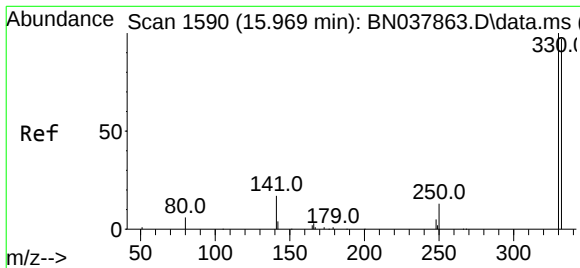
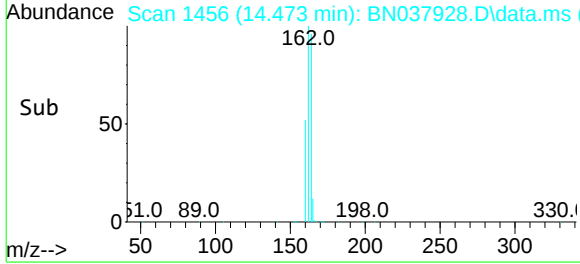
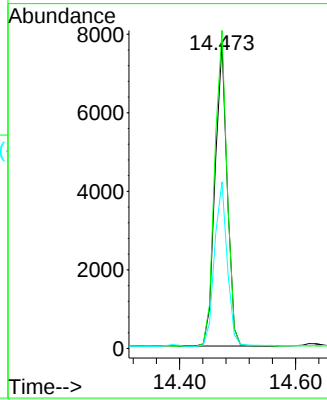
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	164	Resp:	11259
Ion	Ratio	Lower	Upper
164	100		
162	104.2	84.8	127.2
160	54.6	46.1	69.1



#14

2,4,6-Tribromophenol

Concen: 0.434 ng

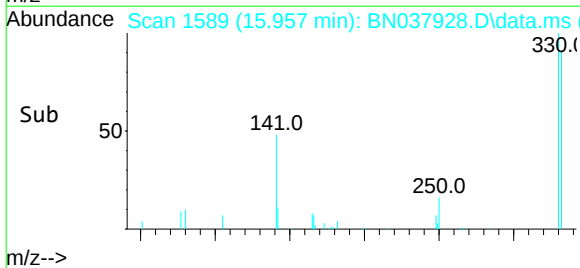
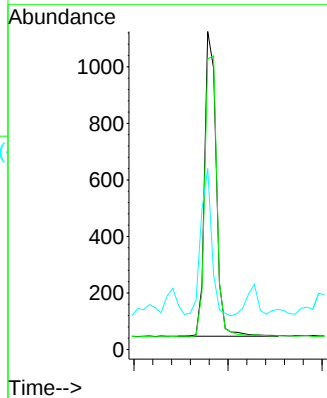
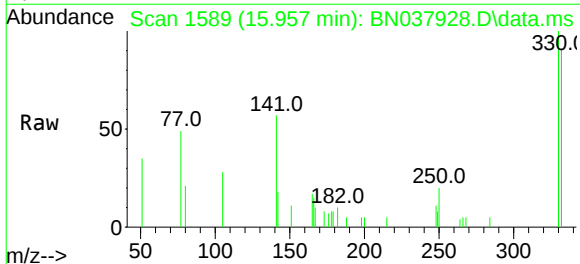
RT: 15.957 min Scan# 1589

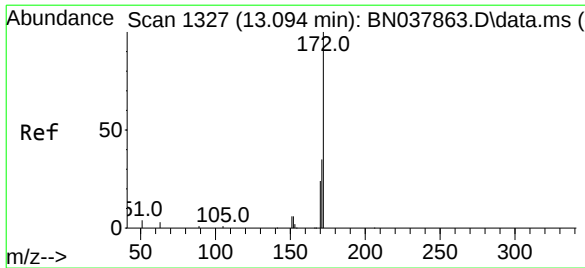
Delta R.T. -0.012 min

Lab File: BN037928.D

Acq: 26 Sep 2025 16:46

Tgt Ion:	330	Resp:	1851
Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.2	115.8
141	45.8	37.2	55.8

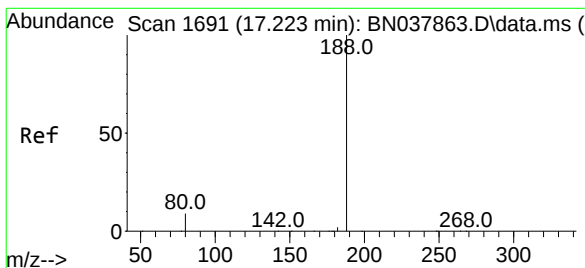
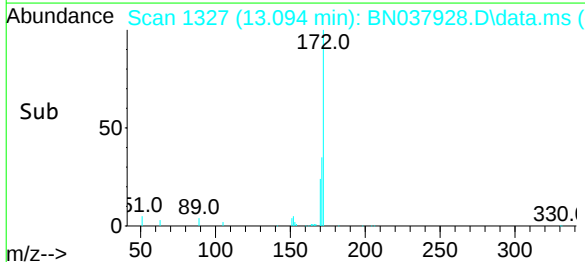
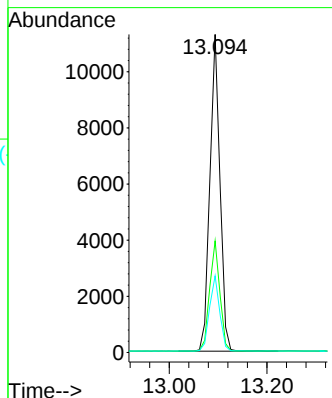
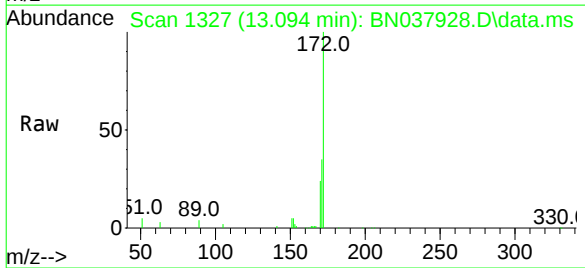




#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037928.D
Acq: 26 Sep 2025 16:46

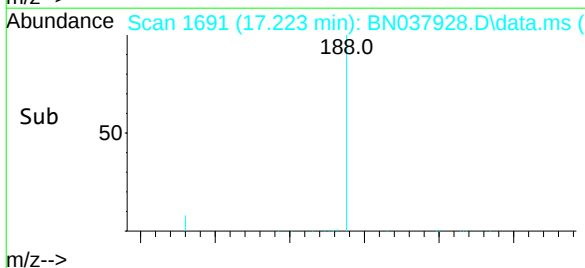
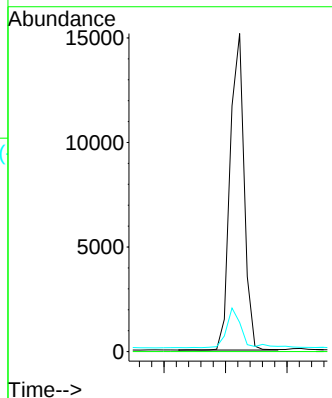
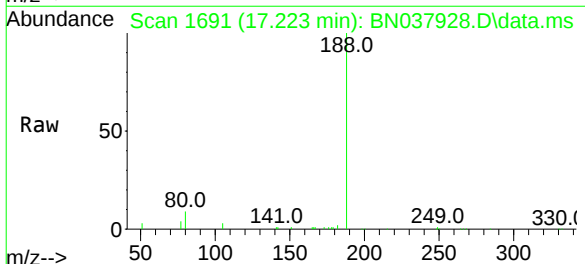
Instrument :
BNA_N
ClientSampleId :

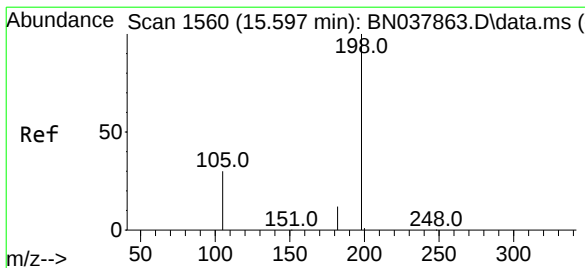
Tgt Ion:	172	Resp:	16146
Ion Ratio	Lower	Upper	
172	100		
171	35.1	28.6	43.0
170	24.1	19.7	29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037928.D
Acq: 26 Sep 2025 16:46

Tgt Ion:	188	Resp:	23933
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.2	7.6	11.4

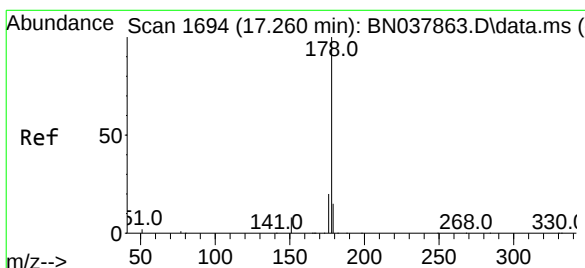
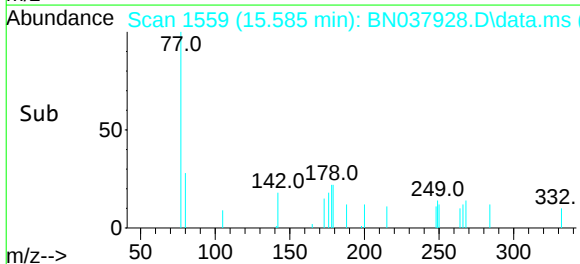
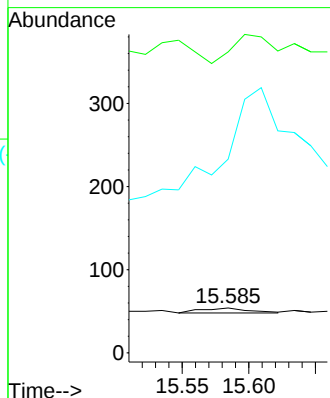
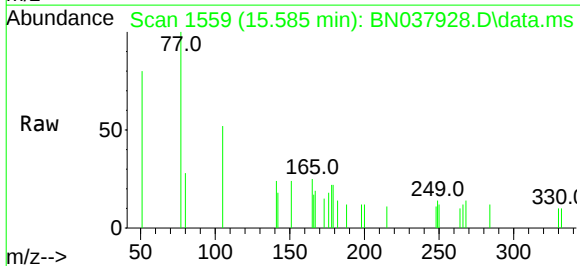




#20
4,6-Dinitro-2-methylphenol
Concen: 0.073 ng
RT: 15.585 min Scan# 1559
Delta R.T. -0.012 min
Lab File: BN037928.D
Acq: 26 Sep 2025 16:46

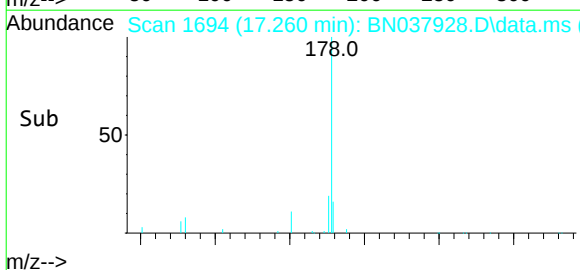
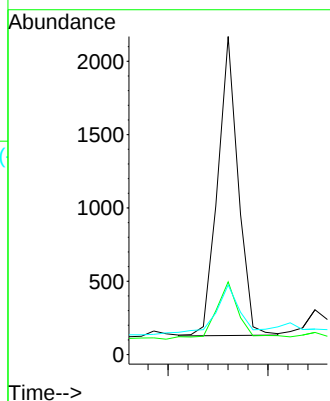
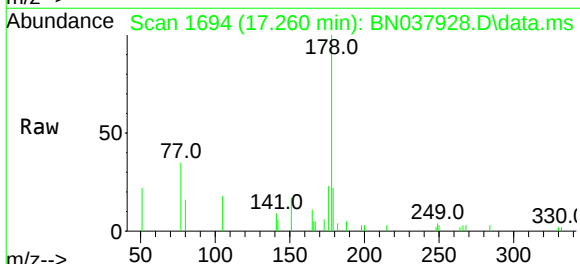
Instrument :
BNA_N
ClientSampleId :

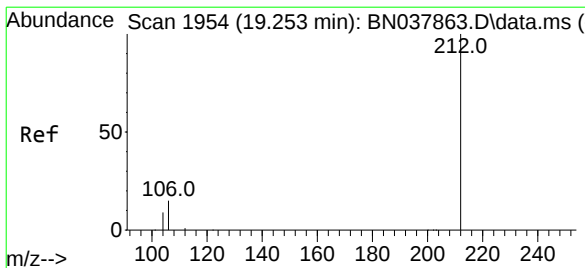
Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
51 670.4 59.1 88.7#
105 431.5 41.3 61.9#



#25
Phenanthrene
Concen: 0.037 ng
RT: 17.260 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BN037928.D
Acq: 26 Sep 2025 16:46

Tgt Ion:178 Resp: 2911
Ion Ratio Lower Upper
178 100
176 25.9 15.7 23.5#
179 21.1 12.3 18.5#





#27

Fluoranthene-d10

Concen: 0.455 ng

RT: 19.248 min Scan# 19

Delta R.T. -0.005 min

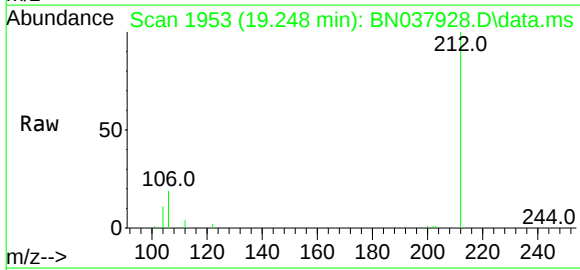
Lab File: BN037928.D

Acq: 26 Sep 2025 16:46

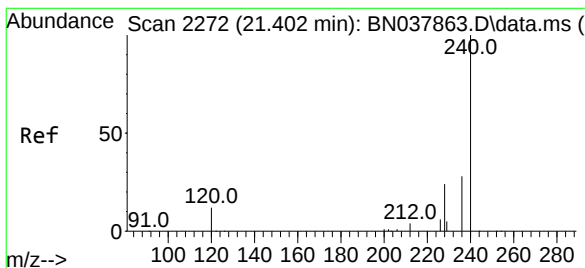
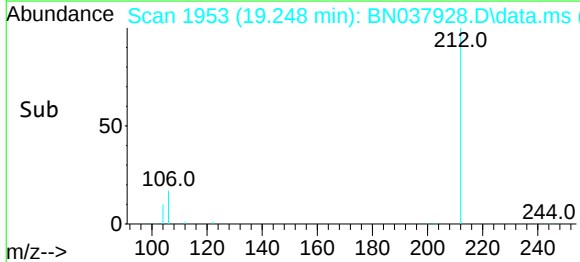
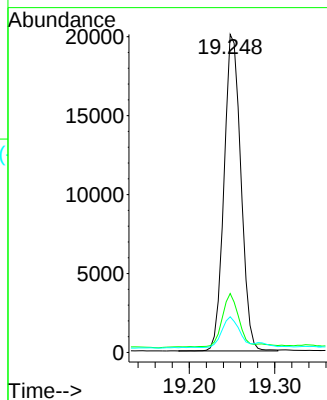
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	212	Resp:	27420
Ion Ratio	Lower	Upper	
212	100		
106	19.6	12.6	19.0#
104	10.2	7.4	11.0



#29

Chrysene-d12

Concen: 0.400 ng

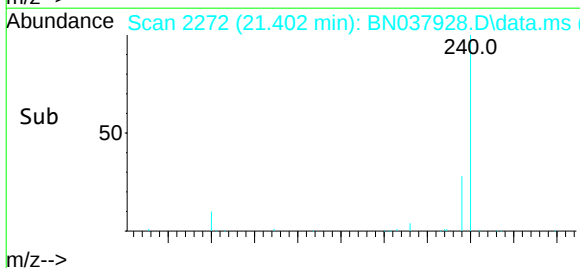
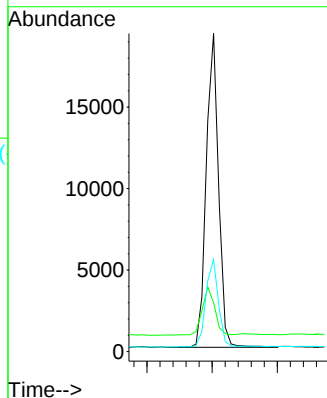
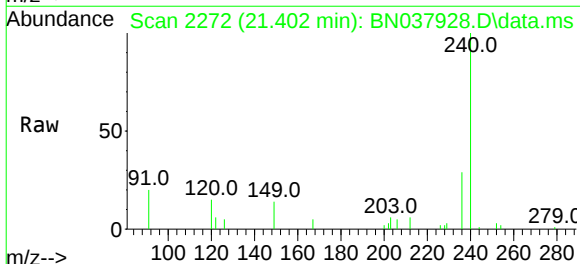
RT: 21.402 min Scan# 2272

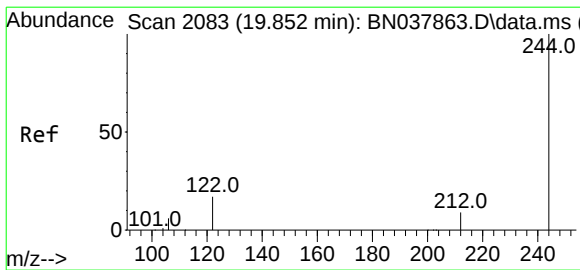
Delta R.T. -0.000 min

Lab File: BN037928.D

Acq: 26 Sep 2025 16:46

Tgt Ion:	240	Resp:	25277
Ion Ratio	Lower	Upper	
240	100		
120	15.4	11.4	17.2
236	29.0	23.0	34.6





#31

Terphenyl-d14

Concen: 0.416 ng

RT: 19.847 min Scan# 2082

Delta R.T. -0.005 min

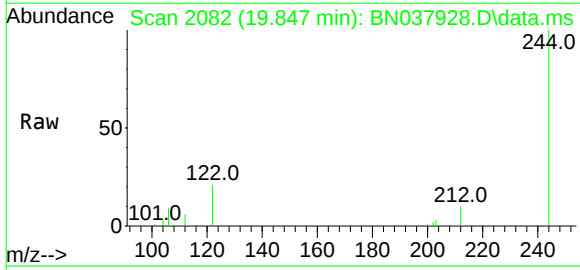
Lab File: BN037928.D

Acq: 26 Sep 2025 16:46

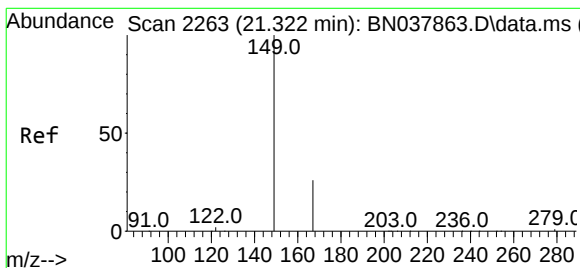
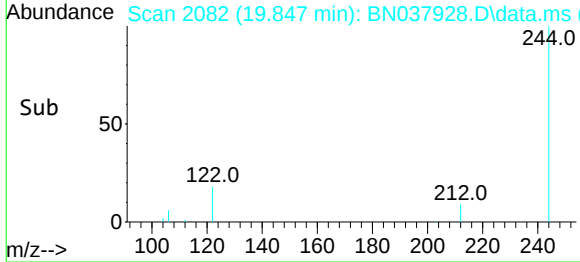
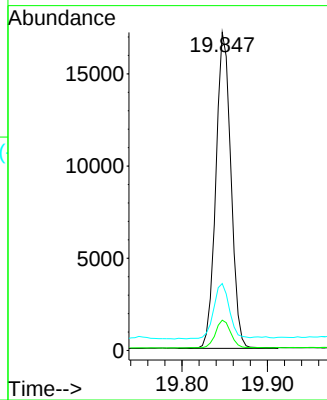
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	244	Resp:	20959
Ion Ratio	Lower	Upper	
244	100		
212	9.5	7.6	11.4
122	21.0	13.9	20.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.326 ng

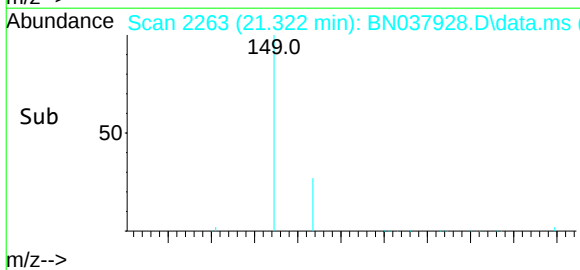
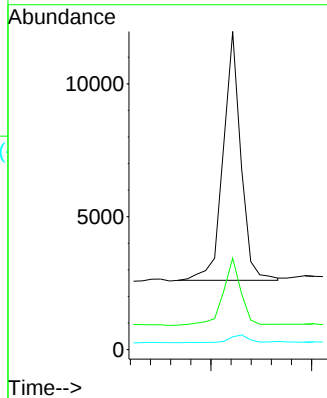
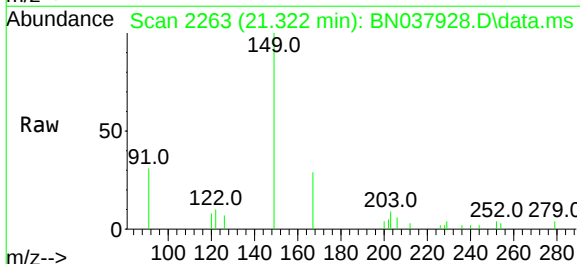
RT: 21.322 min Scan# 2263

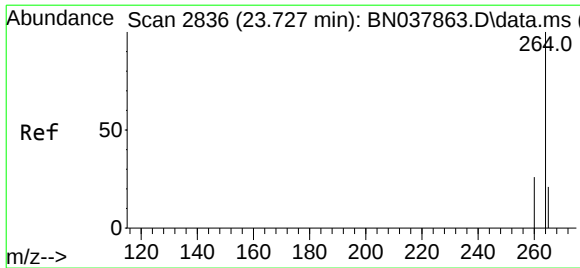
Delta R.T. -0.000 min

Lab File: BN037928.D

Acq: 26 Sep 2025 16:46

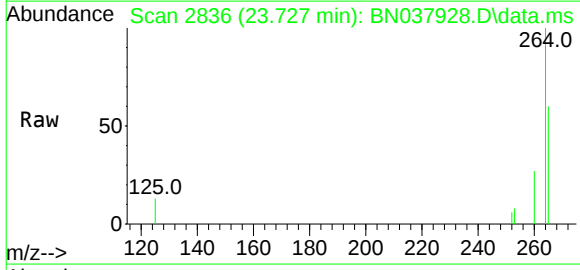
Tgt Ion:	149	Resp:	11403
Ion Ratio	Lower	Upper	
149	100		
167	26.7	20.4	30.6
279	3.6	2.4	3.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.727 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: BN037928.D
 Acq: 26 Sep 2025 16:46

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	264	Resp:	24036
Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.5	32.3
265	59.9	53.8	80.6

