

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092625\
 Data File : BN037924.D
 Acq On : 26 Sep 2025 13:59
 Operator : RC/JU
 Sample : PB169839BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 14:46:05 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)

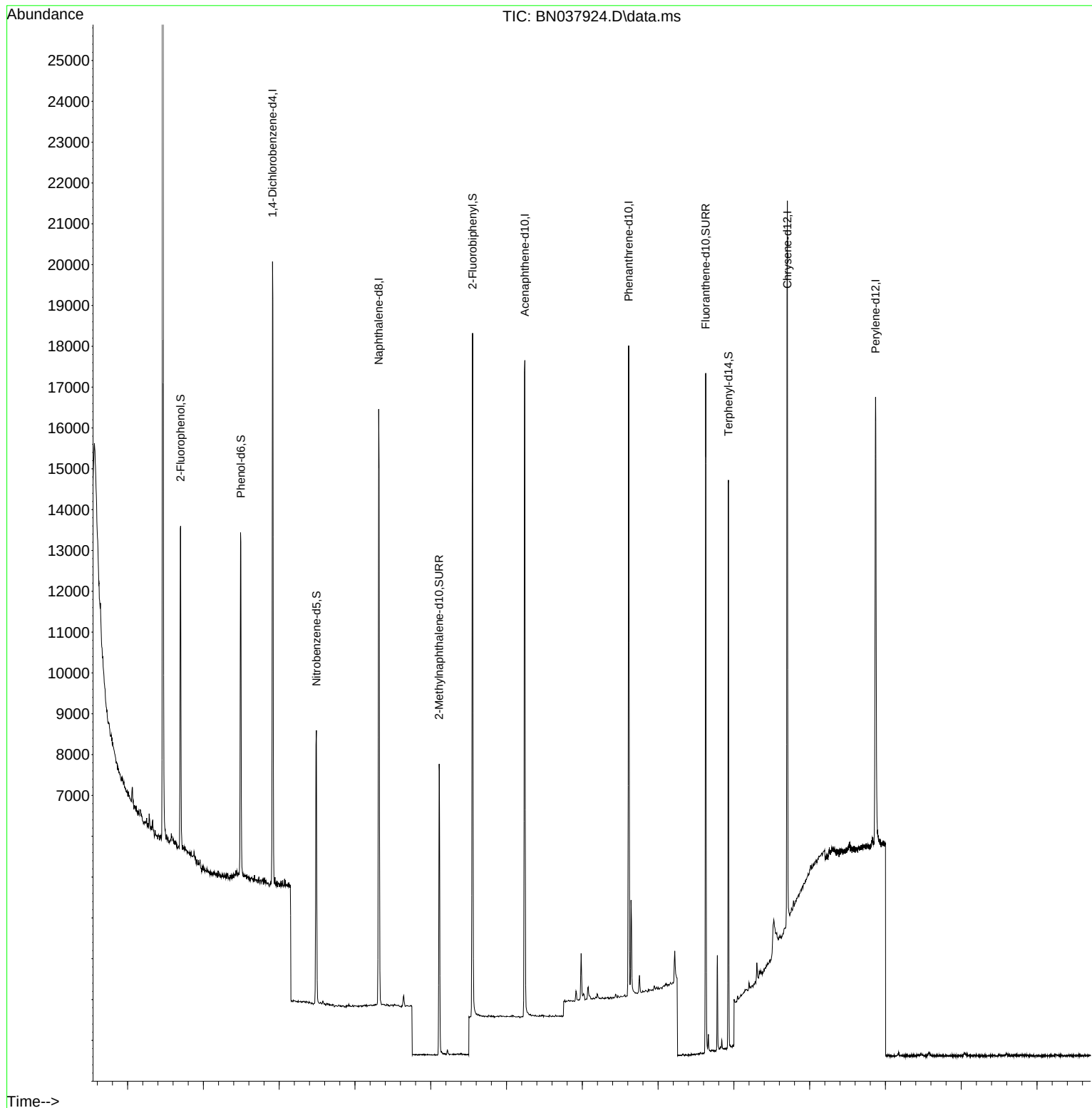
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	7447	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	20209	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	10190	0.400	ng	0.01
19) Phenanthrene-d10	17.223	188	20445	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	16373	0.400	ng	0.00
35) Perylene-d12	23.739	264	15684	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	6529	0.384	ng	0.01
5) Phenol-d6	6.988	99	8065	0.361	ng	0.01
8) Nitrobenzene-d5	8.982	82	5671	0.368	ng	0.01
11) 2-Methylnaphthalene-d10	12.222	152	9724	0.346	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	732	0.189	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	15317	0.367	ng	0.01
27) Fluoranthene-d10	19.257	212	17986	0.350	ng	0.00
31) Terphenyl-d14	19.856	244	12945	0.397	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.609	198	4	0.069	ng	# 1

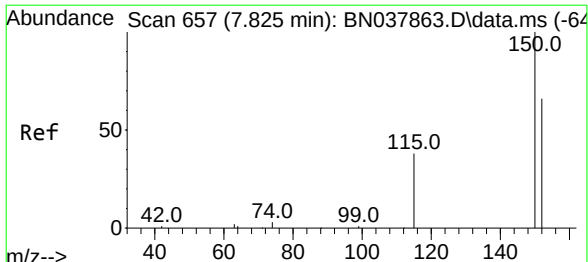
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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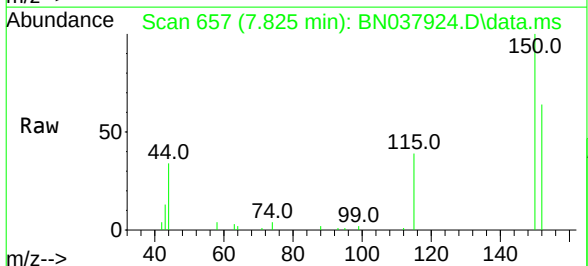
Quant Time: Sep 26 14:46:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
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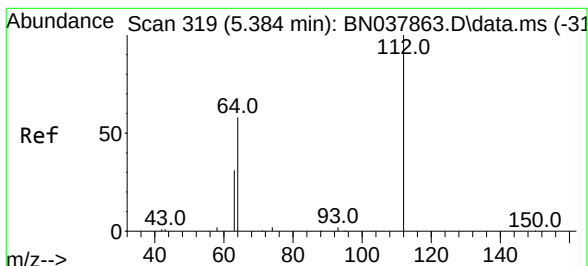
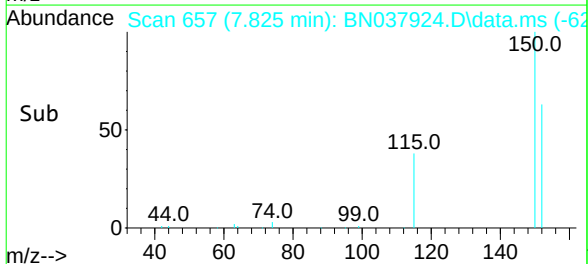
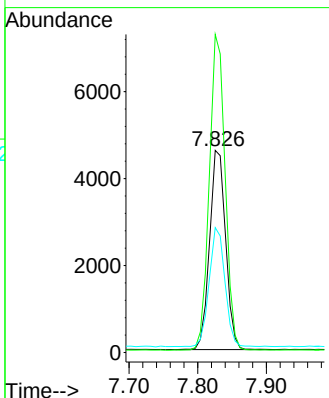


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 65
 Delta R.T. 0.000 min
 Lab File: BN037924.D
 Acq: 26 Sep 2025 13:59

Instrument :
 BNA_N
 ClientSampleId :

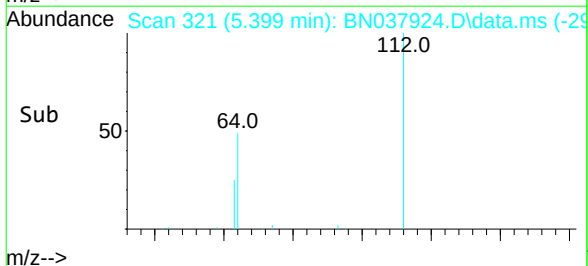
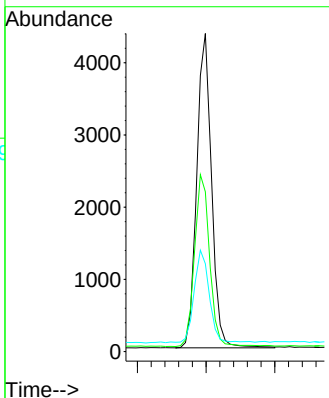
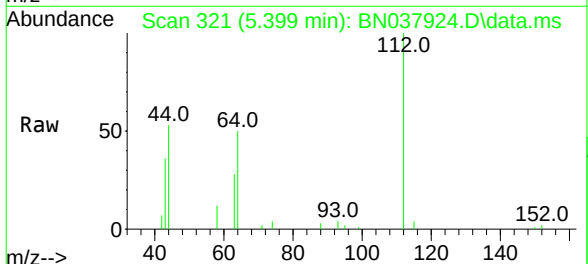


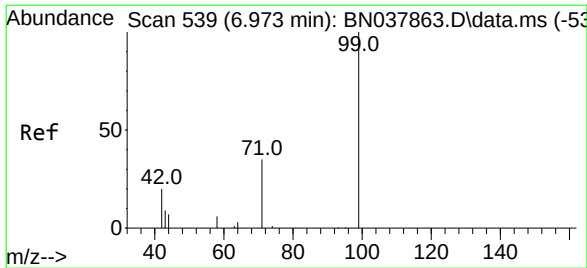
Tgt Ion:	152	Resp:	7447
Ion	Ratio	Lower	Upper
152	100		
150	157.3	121.0	181.4
115	61.8	47.4	71.0



#4
 2-Fluorophenol
 Concen: 0.384 ng
 RT: 5.399 min Scan# 321
 Delta R.T. 0.014 min
 Lab File: BN037924.D
 Acq: 26 Sep 2025 13:59

Tgt Ion:	112	Resp:	6529
Ion	Ratio	Lower	Upper
112	100		
64	55.7	44.6	66.8
63	29.9	24.9	37.3





#5

Phenol-d6

Concen: 0.361 ng

RT: 6.988 min Scan# 541

Delta R.T. 0.014 min

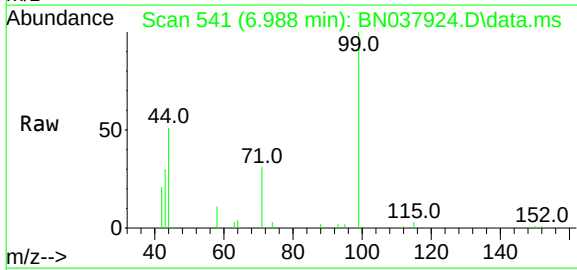
Lab File: BN037924.D

Acq: 26 Sep 2025 13:59

Instrument :

BNA_N

ClientSampleId :



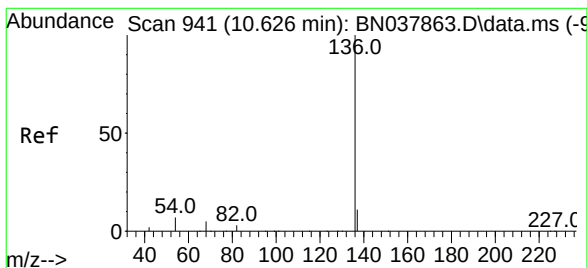
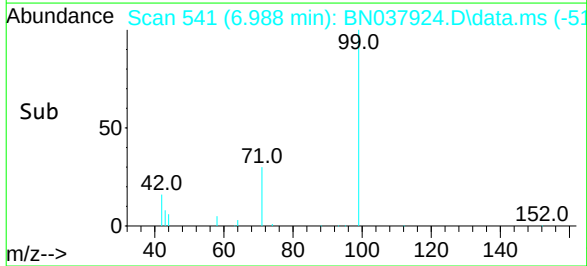
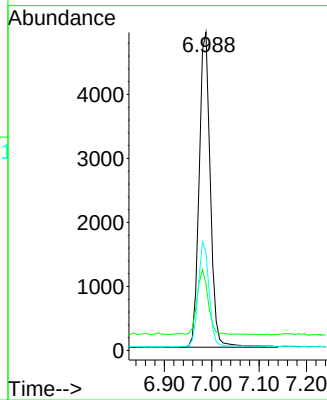
Tgt Ion: 99 Resp: 8065

Ion Ratio Lower Upper

99 100

42 20.0 17.2 25.8

71 32.5 27.3 40.9



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.626 min Scan# 941

Delta R.T. 0.000 min

Lab File: BN037924.D

Acq: 26 Sep 2025 13:59

Tgt Ion: 136 Resp: 20209

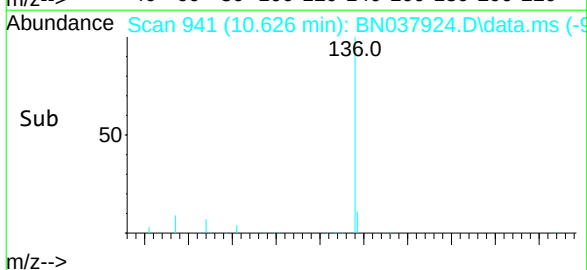
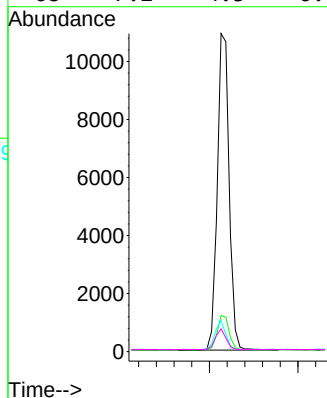
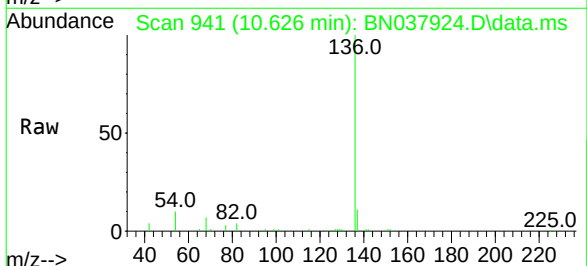
Ion Ratio Lower Upper

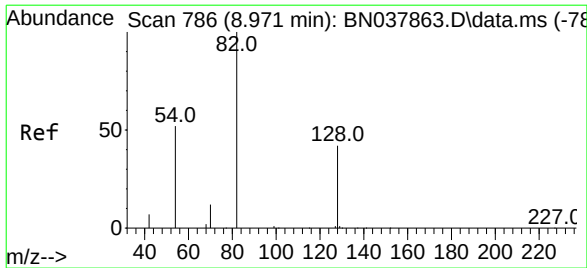
136 100

137 11.3 9.0 13.4

54 9.8 5.8 8.8#

68 7.2 4.3 6.5#

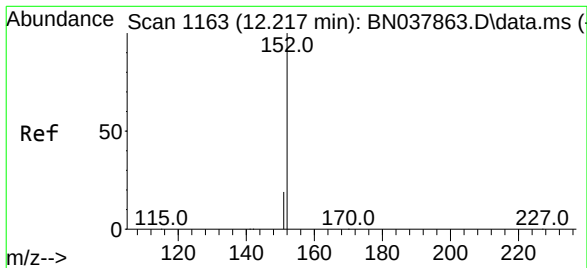
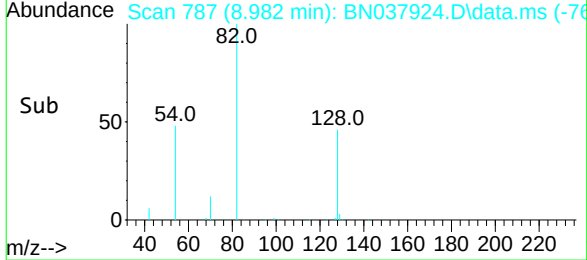
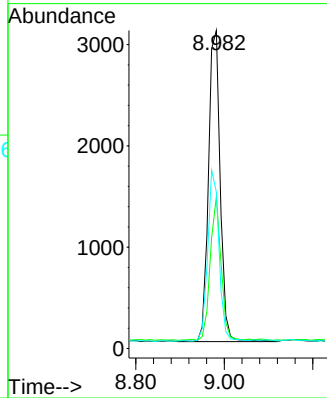
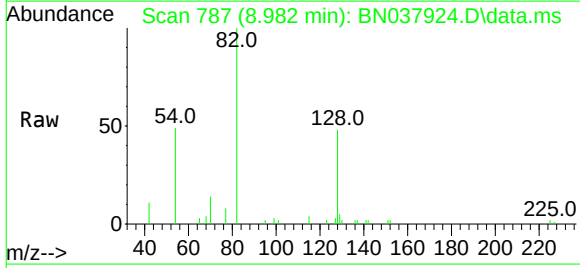




#8
 Nitrobenzene-d5
 Concen: 0.368 ng
 RT: 8.982 min Scan# 78
 Delta R.T. 0.011 min
 Lab File: BN037924.D
 Acq: 26 Sep 2025 13:59

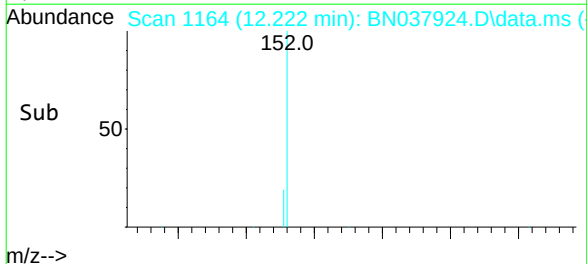
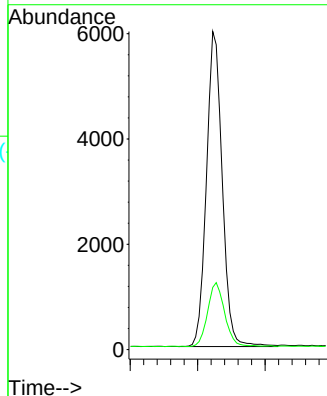
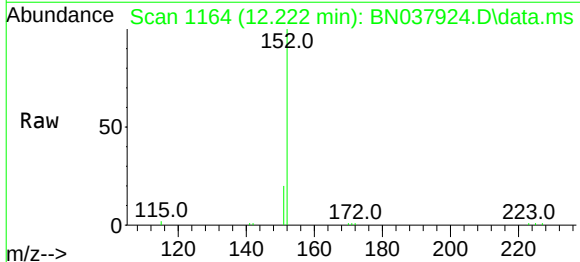
Instrument :
 BNA_N
 ClientSampleId :

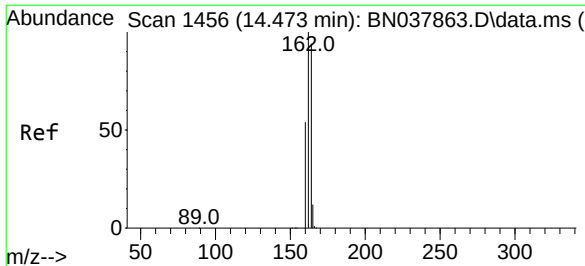
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.8	52.2
54	49.2	42.2	63.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.346 ng
 RT: 12.222 min Scan# 1164
 Delta R.T. 0.005 min
 Lab File: BN037924.D
 Acq: 26 Sep 2025 13:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.4	26.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.484 min Scan# 1456

Delta R.T. 0.011 min

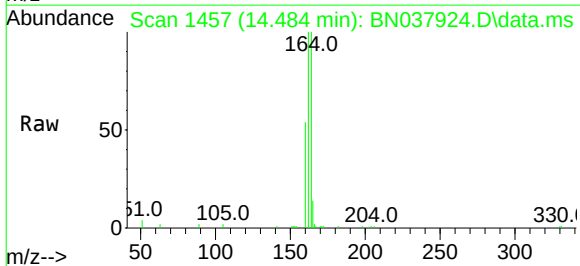
Lab File: BN037924.D

Acq: 26 Sep 2025 13:59

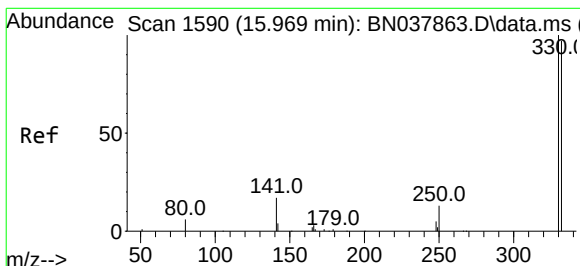
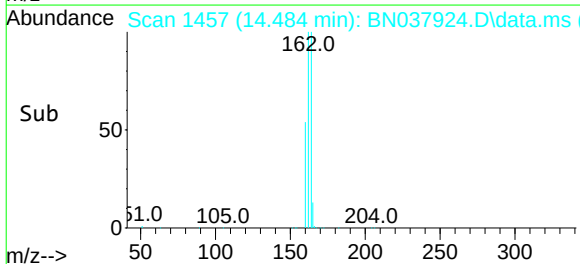
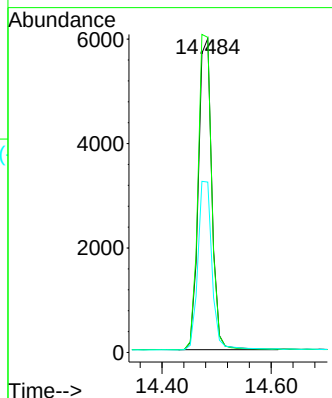
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	164	Resp:	10190
Ion	Ratio	Lower	Upper
164	100		
162	100.4	84.8	127.2
160	54.3	46.1	69.1



#14

2,4,6-Tribromophenol

Concen: 0.189 ng

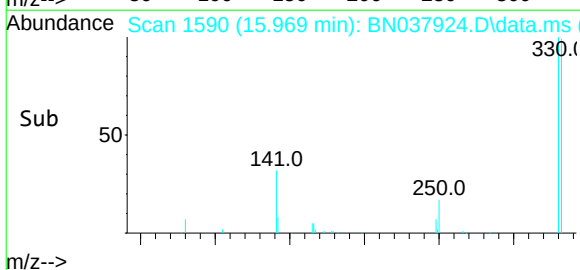
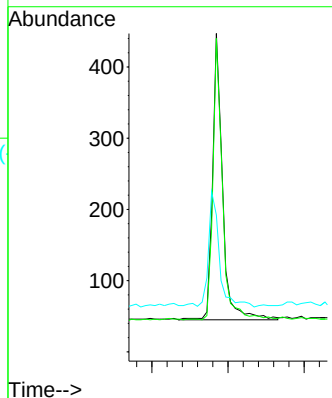
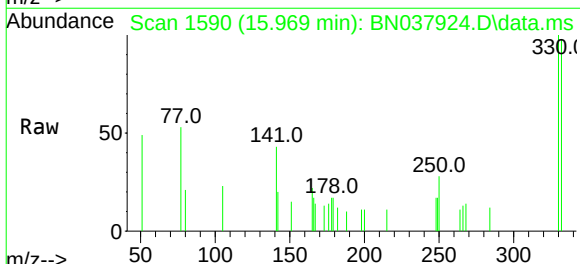
RT: 15.969 min Scan# 1590

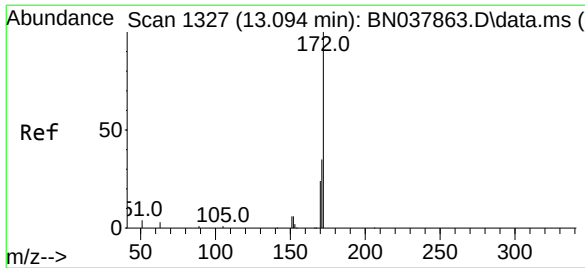
Delta R.T. 0.000 min

Lab File: BN037924.D

Acq: 26 Sep 2025 13:59

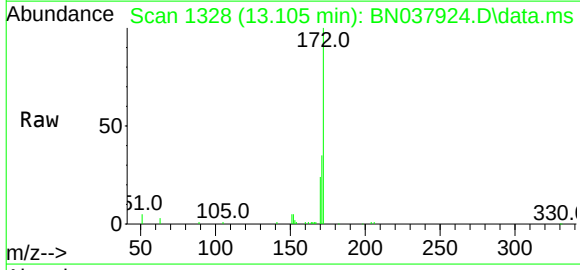
Tgt Ion:	330	Resp:	732
Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.2	115.8
141	44.5	37.2	55.8



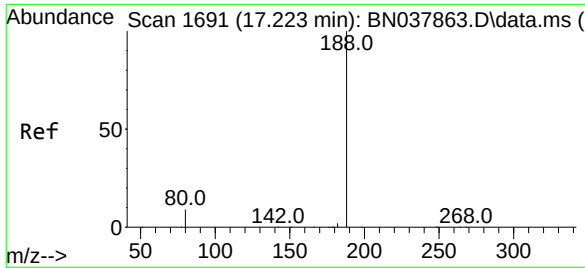
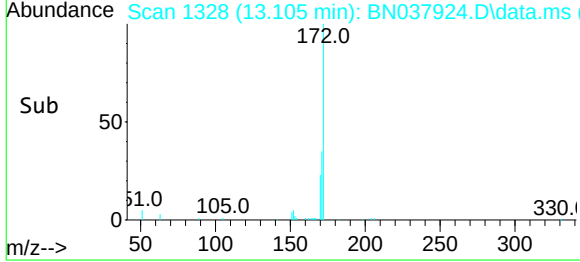
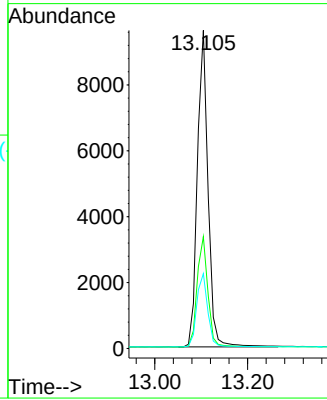


#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.105 min Scan# 1328
Delta R.T. 0.011 min
Lab File: BN037924.D
Acq: 26 Sep 2025 13:59

Instrument :
BNA_N
ClientSampleId :

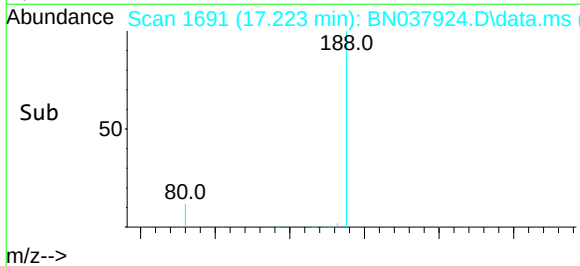
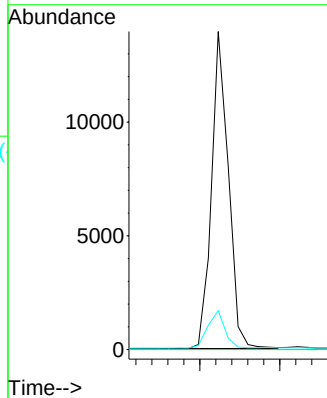
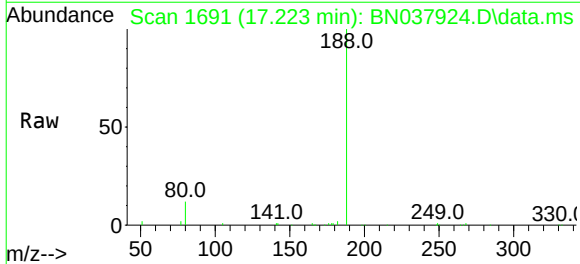


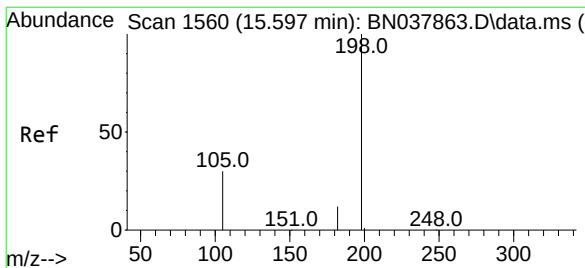
Tgt Ion:	172	Resp:	15317
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.6	43.0
170	23.5	19.7	29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN037924.D
Acq: 26 Sep 2025 13:59

Tgt Ion:	188	Resp:	20445
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.2	7.6	11.4

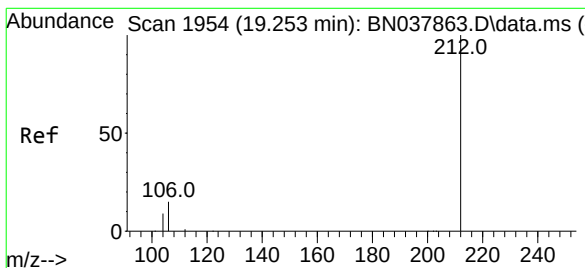
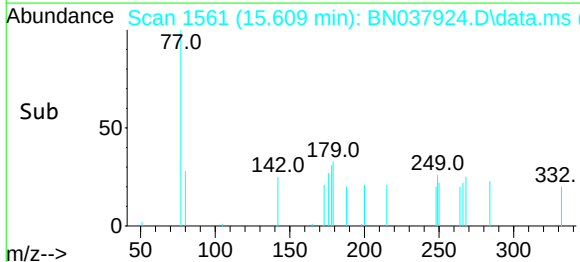
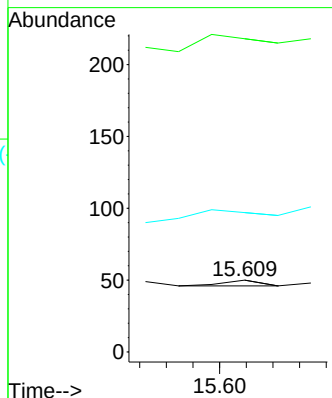
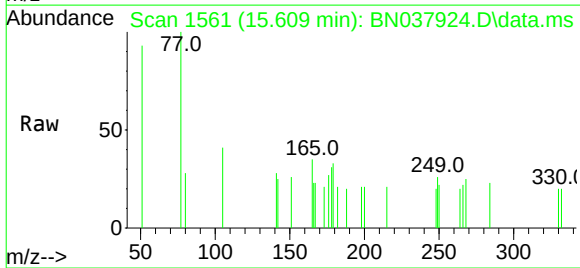




#20
4,6-Dinitro-2-methylphenol
Concen: 0.069 ng
RT: 15.609 min Scan# 15
Delta R.T. 0.012 min
Lab File: BN037924.D
Acq: 26 Sep 2025 13:59

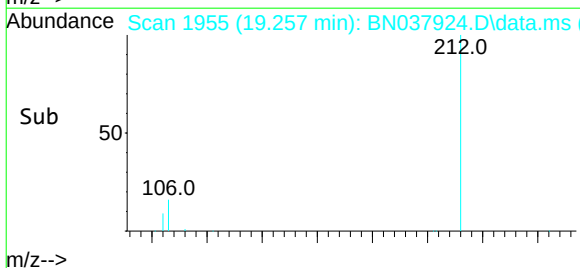
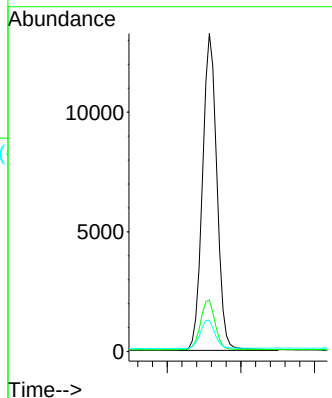
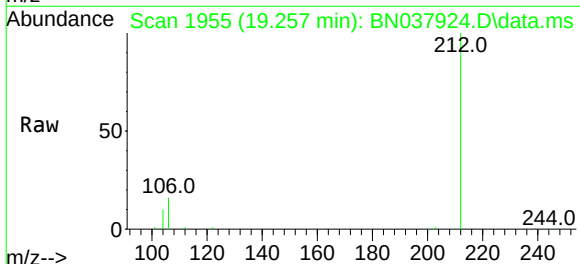
Instrument :
BNA_N
ClientSampleId :

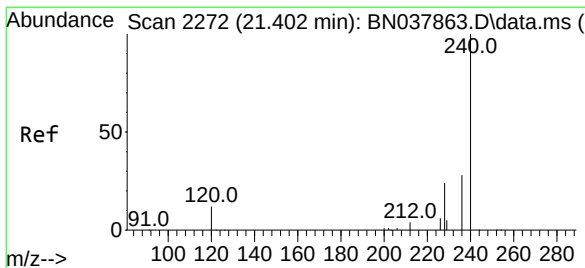
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 436.0 59.1 88.7#
105 194.0 41.3 61.9#



#27
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.257 min Scan# 1955
Delta R.T. 0.005 min
Lab File: BN037924.D
Acq: 26 Sep 2025 13:59

Tgt Ion:212 Resp: 17986
Ion Ratio Lower Upper
212 100
106 15.8 12.6 19.0
104 9.2 7.4 11.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.411 min Scan# 22

Delta R.T. 0.009 min

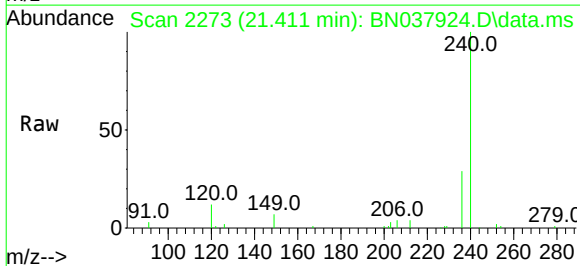
Lab File: BN037924.D

Acq: 26 Sep 2025 13:59

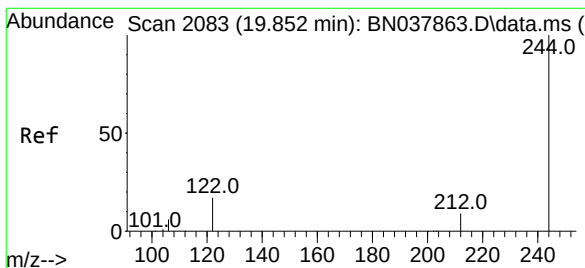
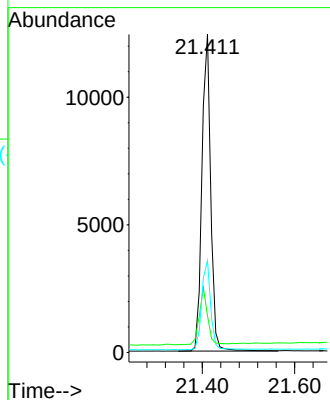
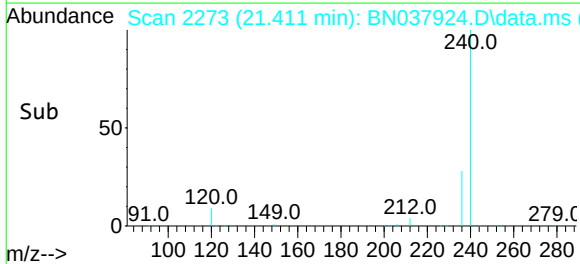
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	240	Resp:	16373
Ion Ratio	Lower	Upper	
240	100		
120	11.6	11.4	17.2
236	28.9	23.0	34.6



#31

Terphenyl-d14

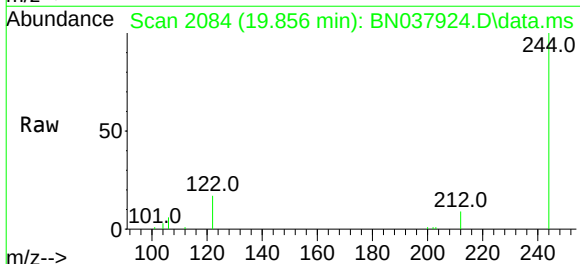
Concen: 0.397 ng

RT: 19.856 min Scan# 2084

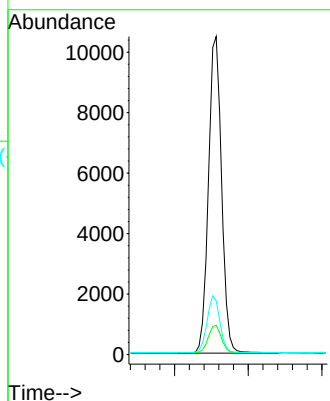
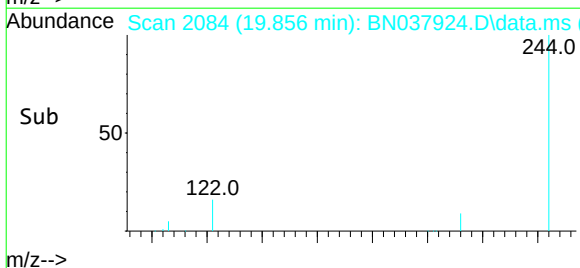
Delta R.T. 0.005 min

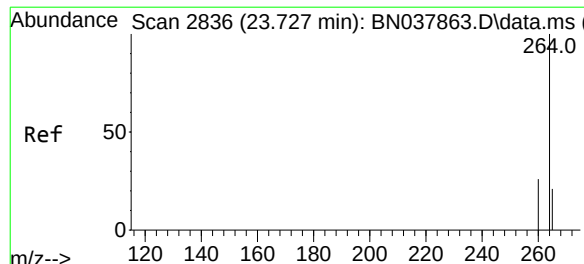
Lab File: BN037924.D

Acq: 26 Sep 2025 13:59



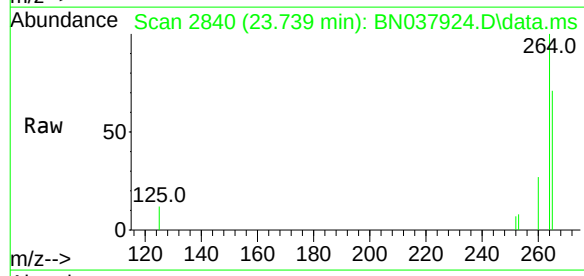
Tgt Ion:	244	Resp:	12945
Ion Ratio	Lower	Upper	
244	100		
212	9.2	7.6	11.4
122	17.0	13.9	20.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.739 min Scan# 28
 Delta R.T. 0.012 min
 Lab File: BN037924.D
 Acq: 26 Sep 2025 13:59

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	264	Resp:	15684
Ion Ratio	Lower	Upper	
264	100		
260	26.9	21.5	32.3
265	71.2	53.8	80.6

