

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037904.D
 Acq On : 26 Sep 2025 01:03
 Operator : RC/JU
 Sample : PB169794BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 02:31:12 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)

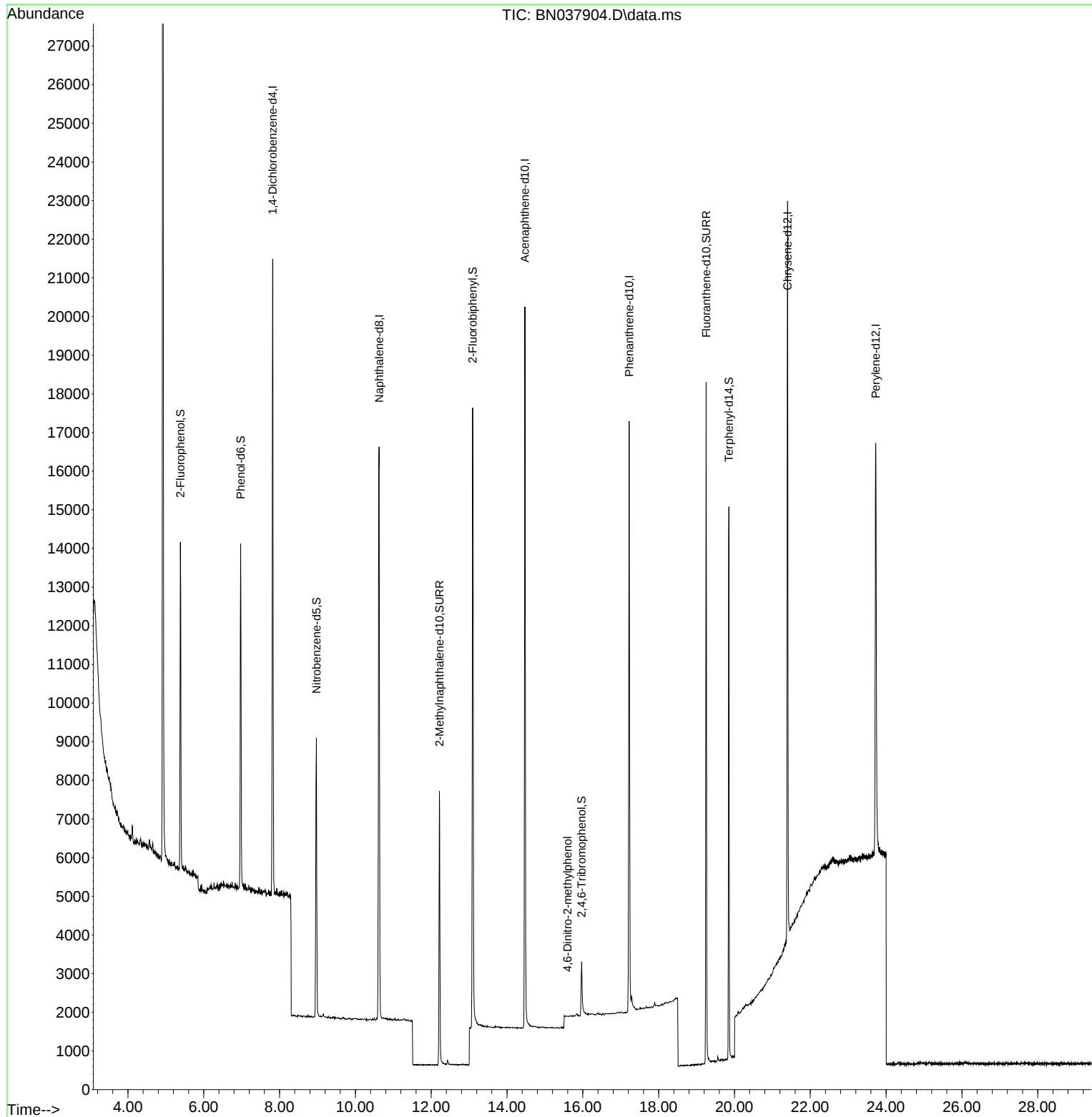
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	7888	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	21247	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	10244	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	21199	0.400	ng	0.00
29) Chrysene-d12	21.402	240	17643	0.400	ng	0.00
35) Perylene-d12	23.727	264	15839	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.385	112	6713	0.373	ng	0.00
5) Phenol-d6	6.973	99	8174	0.346	ng	0.00
8) Nitrobenzene-d5	8.971	82	5759	0.355	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	9809	0.332	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1035	0.266	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	15408	0.367	ng	0.00
27) Fluoranthene-d10	19.253	212	18947	0.355	ng	0.00
31) Terphenyl-d14	19.852	244	13358	0.380	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.597	198	3	0.069	ng	# 1

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

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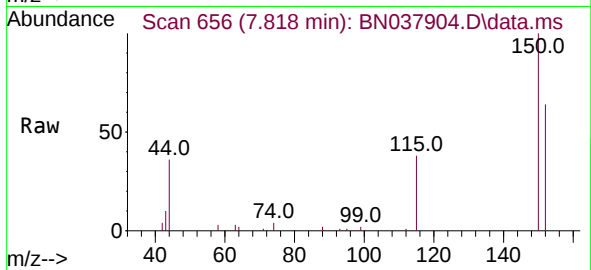
Quant Time: Sep 26 02:31:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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QLast Update : Wed Sep 24 11:00:01 2025
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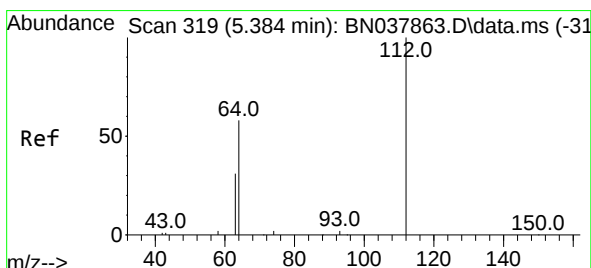
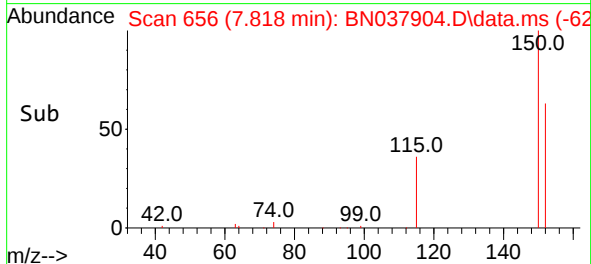
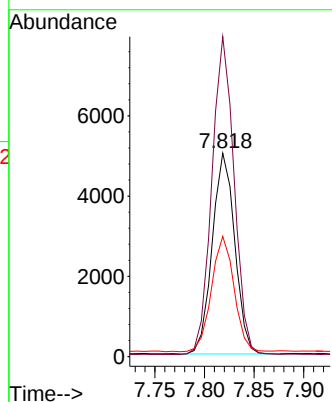


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037904.D
 Acq: 26 Sep 2025 01:03

Instrument :
 BNA_N
 ClientSampleId :

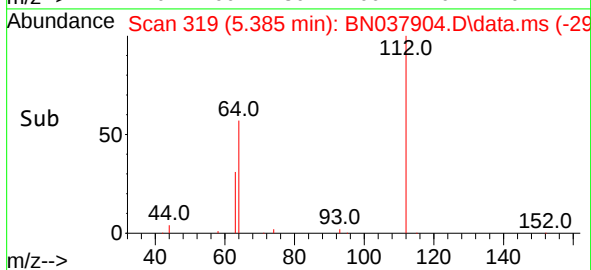
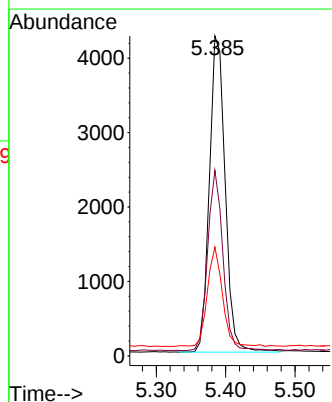
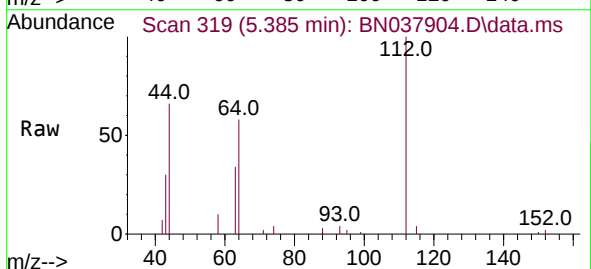


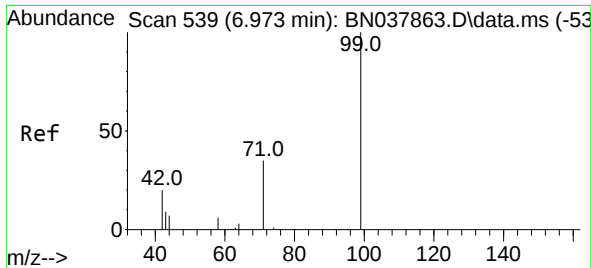
Tgt Ion:152 Resp: 7888
 Ion Ratio Lower Upper
 152 100
 150 157.3 121.0 181.4
 115 59.2 47.4 71.0



#4
 2-Fluorophenol
 Concen: 0.373 ng
 RT: 5.385 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: BN037904.D
 Acq: 26 Sep 2025 01:03

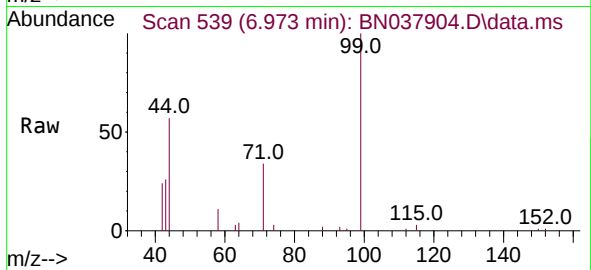
Tgt Ion:112 Resp: 6713
 Ion Ratio Lower Upper
 112 100
 64 55.0 44.6 66.8
 63 30.2 24.9 37.3



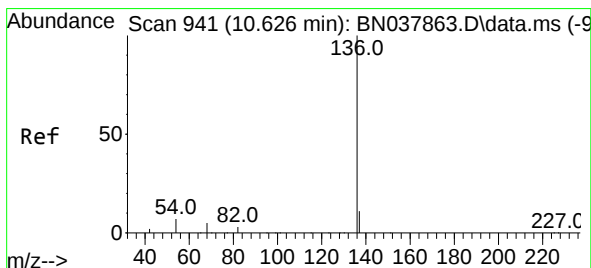
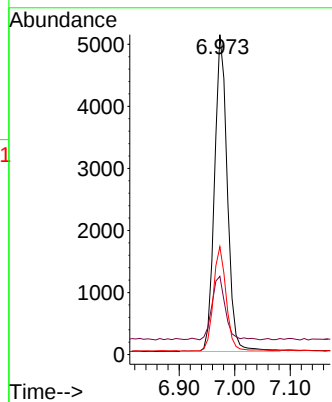
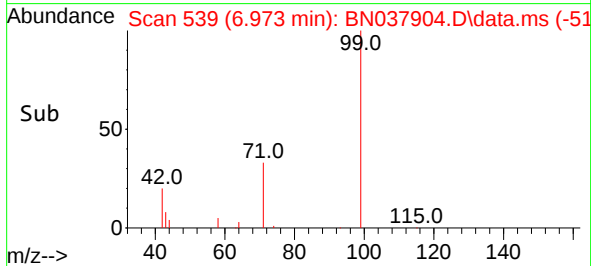


#5
Phenol-d6
Concen: 0.346 ng
RT: 6.973 min Scan# 539
Delta R.T. 0.000 min
Lab File: BN037904.D
Acq: 26 Sep 2025 01:03

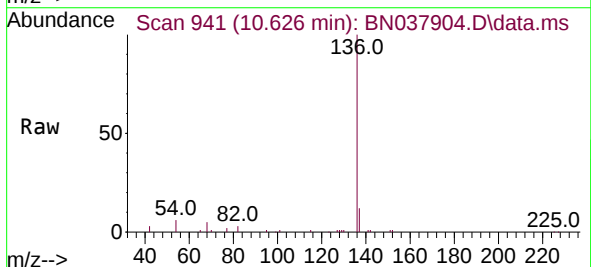
Instrument :
BNA_N
ClientSampleId :



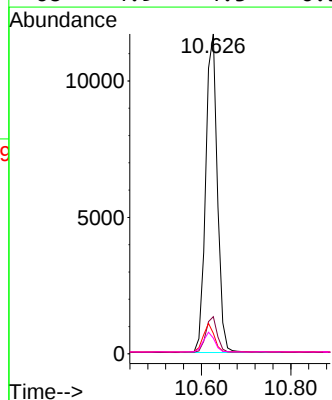
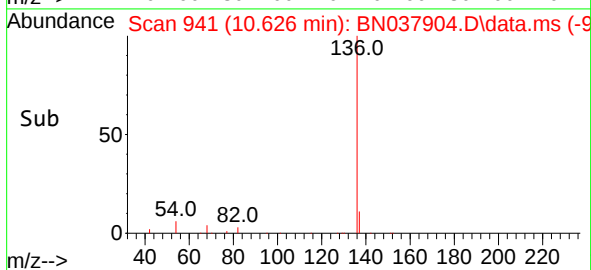
Tgt Ion:	99	Resp:	8174
Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.2	25.8
71	33.2	27.3	40.9

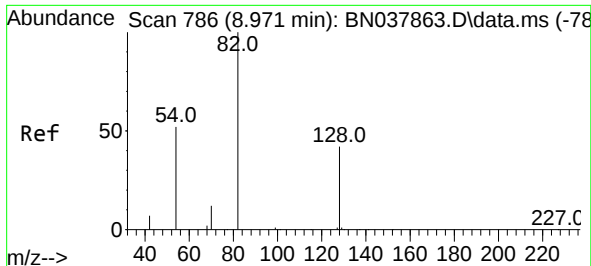


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN037904.D
Acq: 26 Sep 2025 01:03



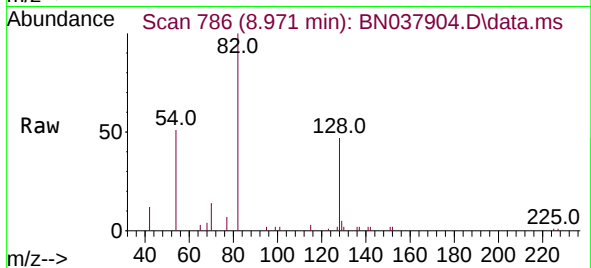
Tgt Ion:	136	Resp:	21247
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	6.4	5.8	8.8
68	4.9	4.3	6.5



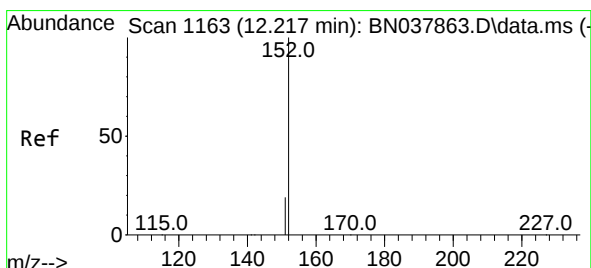
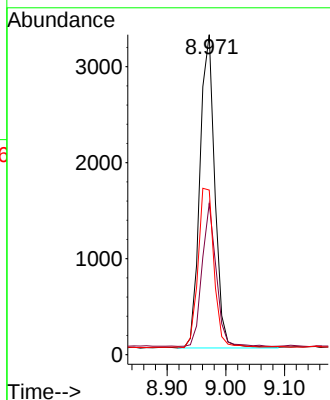
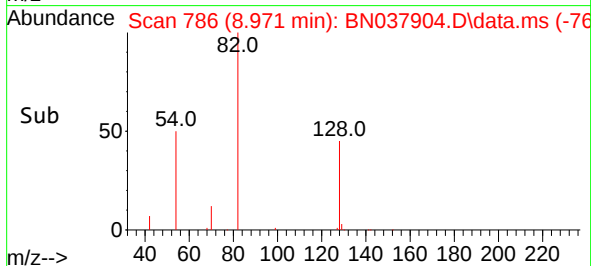


#8
 Nitrobenzene-d5
 Concen: 0.355 ng
 RT: 8.971 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: BN037904.D
 Acq: 26 Sep 2025 01:03

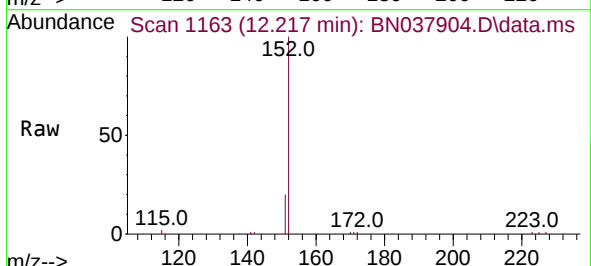
Instrument :
 BNA_N
 ClientSampleId :



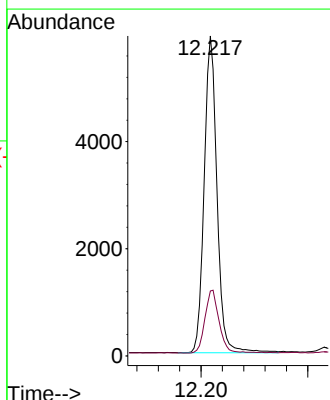
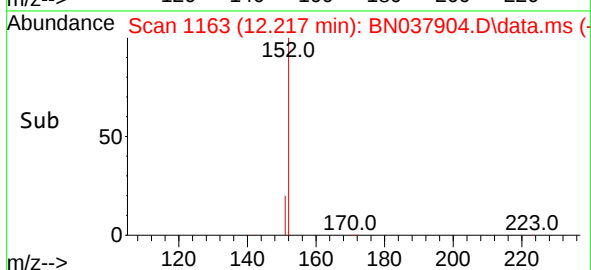
Tgt Ion: 82 Resp: 5759
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.8 52.2
 54 51.4 42.2 63.2

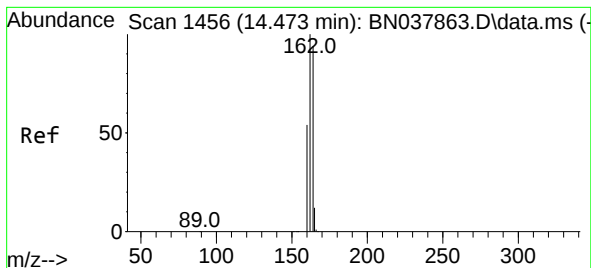


#11
 2-Methylnaphthalene-d10
 Concen: 0.332 ng
 RT: 12.217 min Scan# 1163
 Delta R.T. 0.000 min
 Lab File: BN037904.D
 Acq: 26 Sep 2025 01:03



Tgt Ion: 152 Resp: 9809
 Ion Ratio Lower Upper
 152 100
 151 21.9 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: BN037904.D

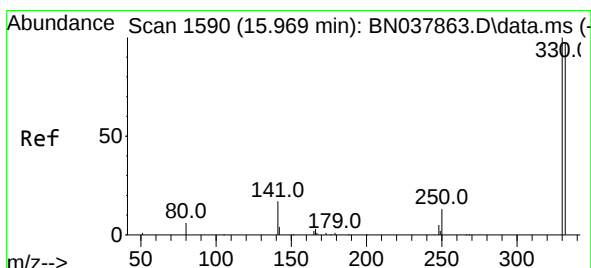
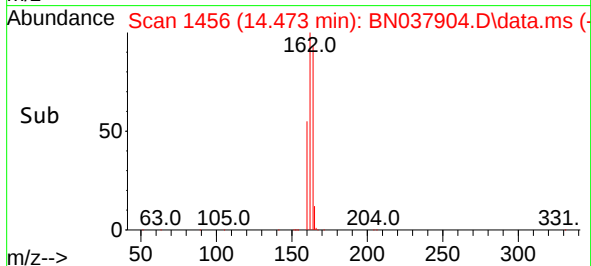
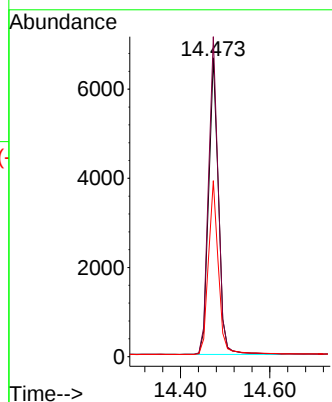
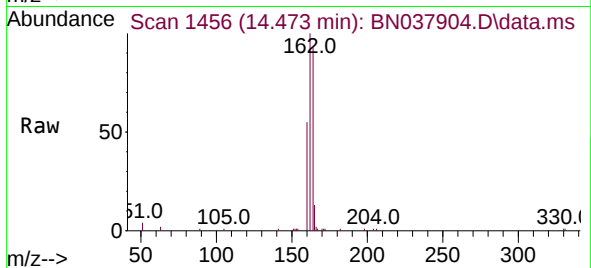
Acq: 26 Sep 2025 01:03

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	164	Resp:	10244
Ion	Ratio	Lower	Upper
164	100		
162	107.1	84.8	127.2
160	58.9	46.1	69.1



#14

2,4,6-Tribromophenol

Concen: 0.266 ng

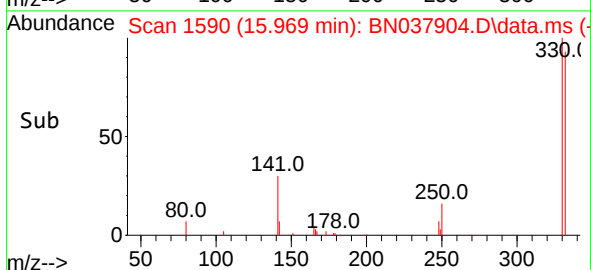
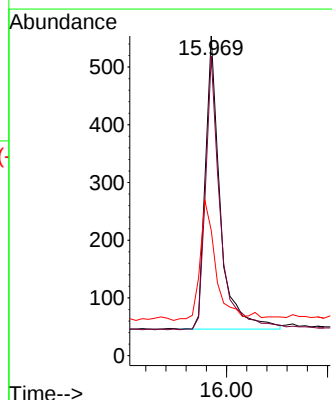
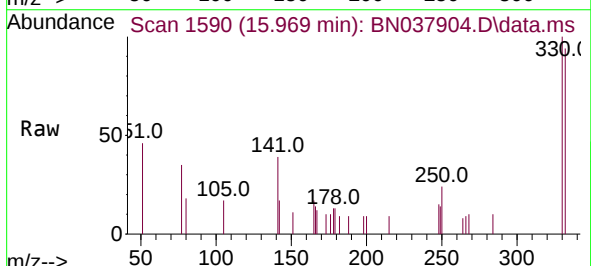
RT: 15.969 min Scan# 1590

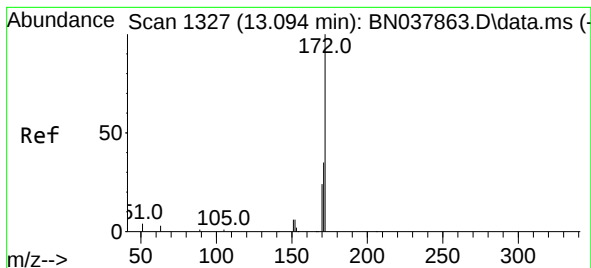
Delta R.T. 0.000 min

Lab File: BN037904.D

Acq: 26 Sep 2025 01:03

Tgt Ion:	330	Resp:	1035
Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.2	115.8
141	43.6	37.2	55.8

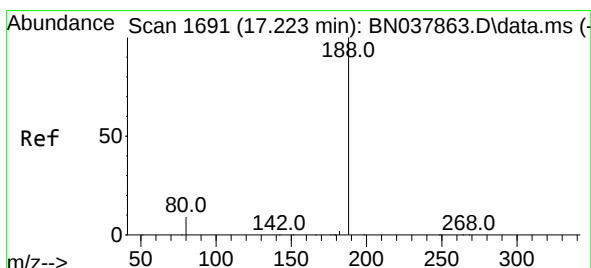
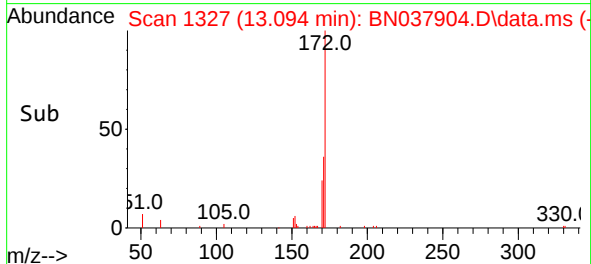
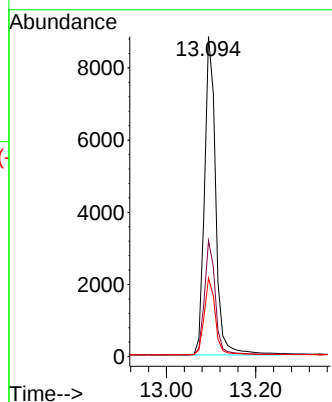
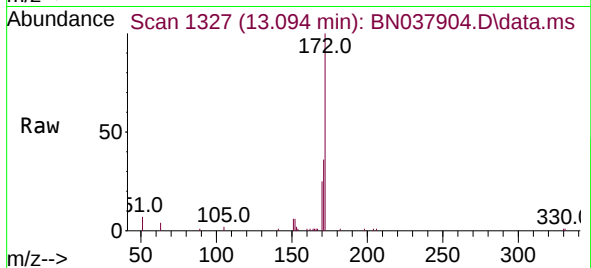




#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.094 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BN037904.D
Acq: 26 Sep 2025 01:03

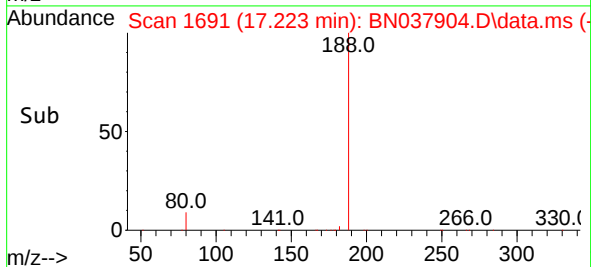
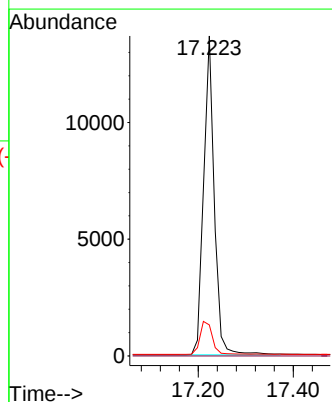
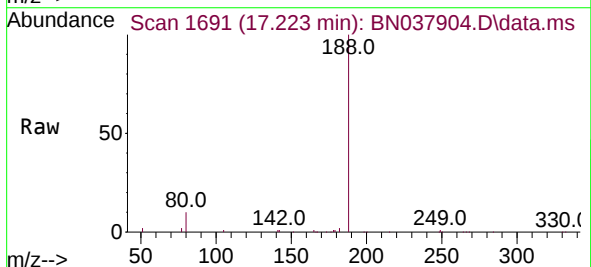
Instrument :
BNA_N
ClientSampleId :

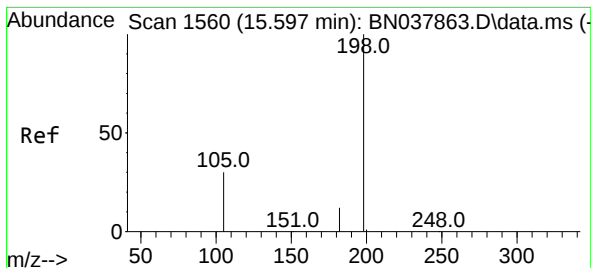
Tgt Ion:172 Resp: 15408
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.6 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN037904.D
Acq: 26 Sep 2025 01:03

Tgt Ion:188 Resp: 21199
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 7.6 11.4

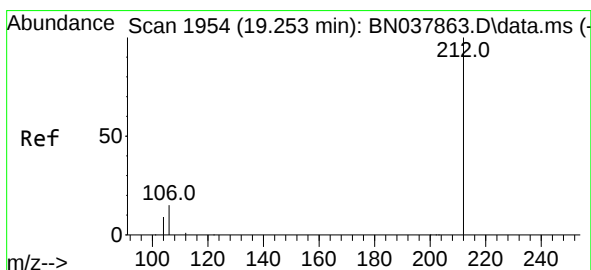
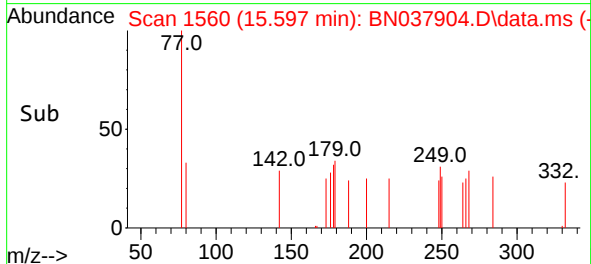
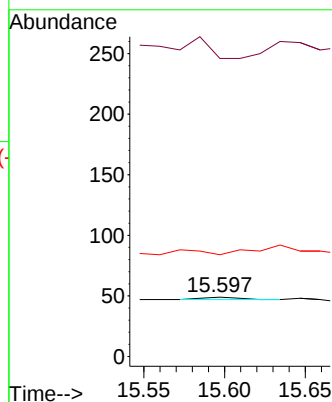
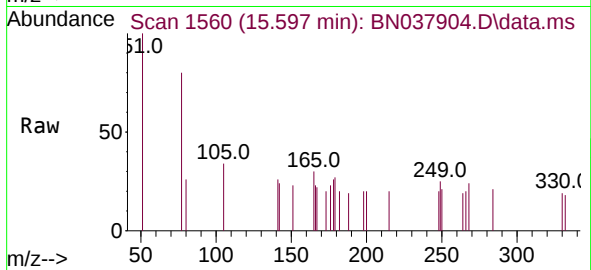




#20
4,6-Dinitro-2-methylphenol
Concen: 0.069 ng
RT: 15.597 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BN037904.D
Acq: 26 Sep 2025 01:03

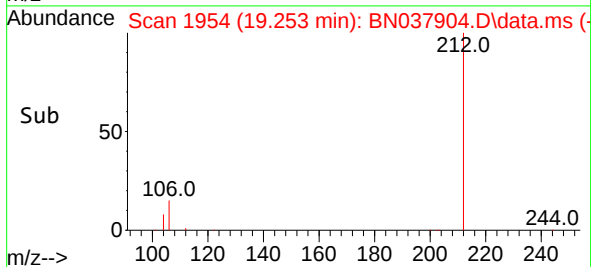
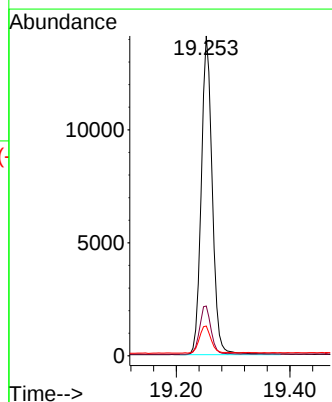
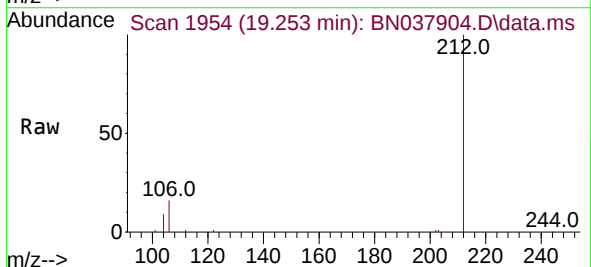
Instrument :
BNA_N
ClientSampleId :

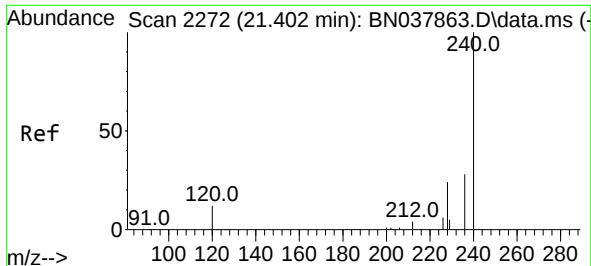
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 502.0 59.1 88.7#
105 171.4 41.3 61.9#



#27
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.253 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BN037904.D
Acq: 26 Sep 2025 01:03

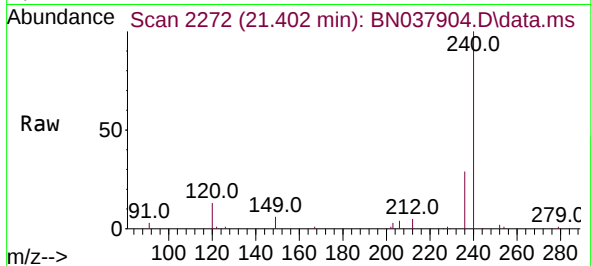
Tgt Ion:212 Resp: 18947
Ion Ratio Lower Upper
212 100
106 15.6 12.6 19.0
104 9.1 7.4 11.0



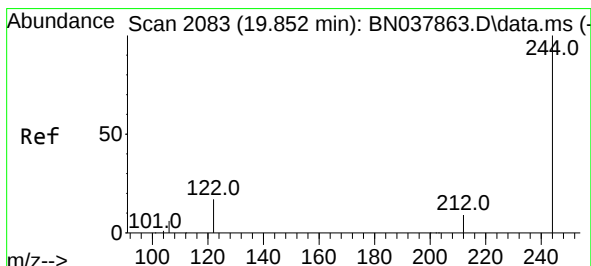
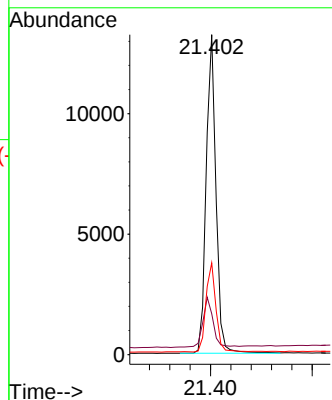
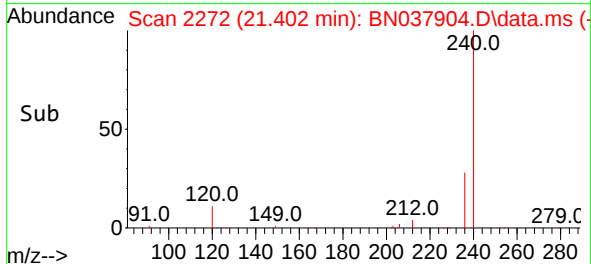


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037904.D
Acq: 26 Sep 2025 01:03

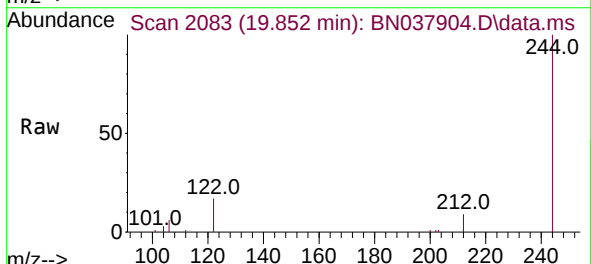
Instrument :
BNA_N
ClientSampleId :



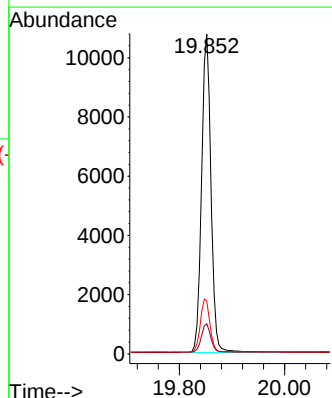
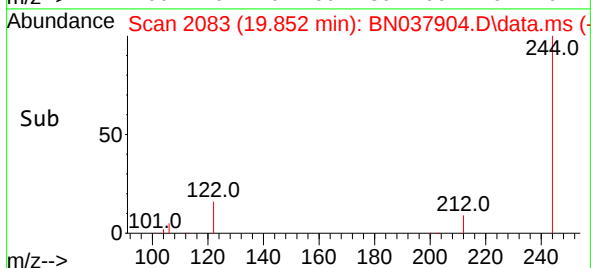
Tgt Ion:240 Resp: 17643
Ion Ratio Lower Upper
240 100
120 12.8 11.4 17.2
236 28.7 23.0 34.6

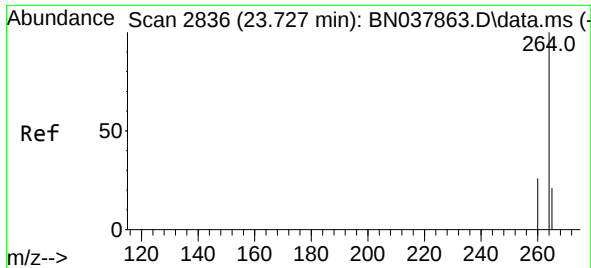


#31
Terphenyl-d14
Concen: 0.380 ng
RT: 19.852 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BN037904.D
Acq: 26 Sep 2025 01:03



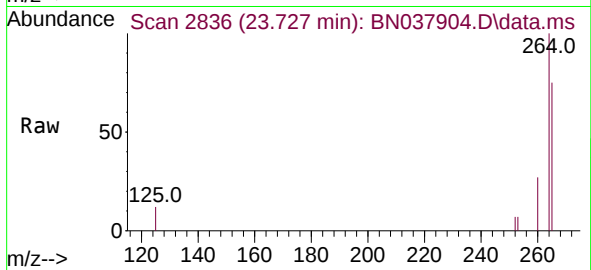
Tgt Ion:244 Resp: 13358
Ion Ratio Lower Upper
244 100
212 9.4 7.6 11.4
122 16.5 13.9 20.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.727 min Scan# 2836
 Delta R.T. 0.000 min
 Lab File: BN037904.D
 Acq: 26 Sep 2025 01:03

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 15839

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.5	32.3
265	74.7	53.8	80.6

