

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037233.D
 Acq On : 13 Jun 2025 19:00
 Operator : RC/JU
 Sample : PB168391BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168391BL

Quant Time: Jun 13 22:59:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 13 18:43:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

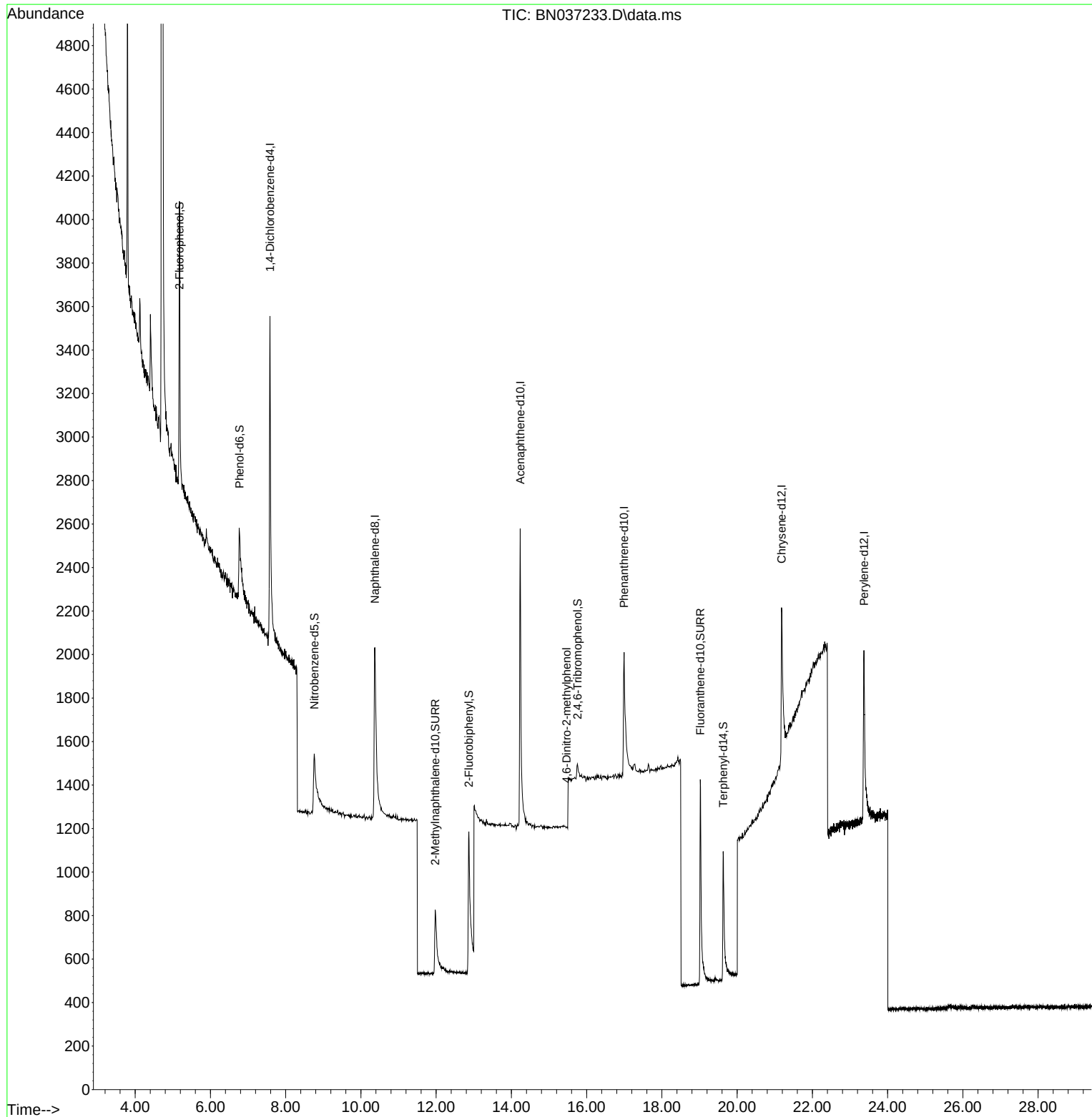
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	1036	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	2301	0.400	ng	# 0.01
13) Acenaphthene-d10	14.234	164	1224	0.400	ng	0.01
19) Phenanthrene-d10	16.996	188	1841	0.400	ng	0.02
29) Chrysene-d12	21.180	240	1578	0.400	ng	# 0.00
35) Perylene-d12	23.368	264	1599	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	932	0.366	ng	0.00
5) Phenol-d6	6.773	99	734	0.274	ng	0.01
8) Nitrobenzene-d5	8.760	82	585	0.257	ng	0.03
11) 2-Methylnaphthalene-d10	11.976	152	997	0.323	ng	0.02
14) 2,4,6-Tribromophenol	15.755	330	98	0.193	ng	0.02
15) 2-Fluorobiphenyl	12.868	172	1426	0.277	ng	0.02
27) Fluoranthene-d10	19.021	212	1981	0.411	ng	0.00
31) Terphenyl-d14	19.630	244	1248	0.350	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.464	198	1	0.118	ng	# 45

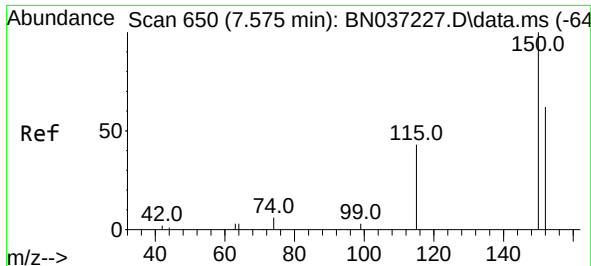
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037233.D
Acq On : 13 Jun 2025 19:00
Operator : RC/JU
Sample : PB168391BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168391BL

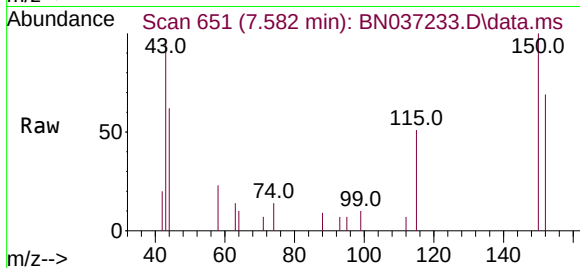
Quant Time: Jun 13 22:59:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
Response via : Initial Calibration



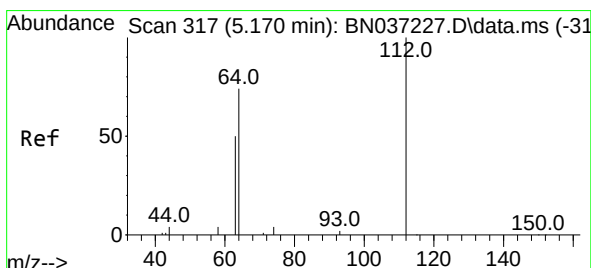
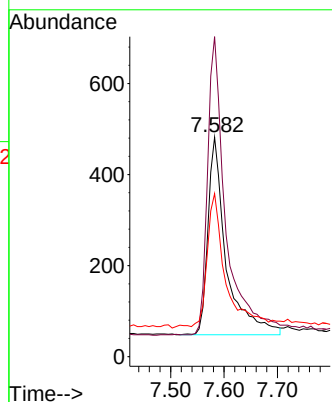
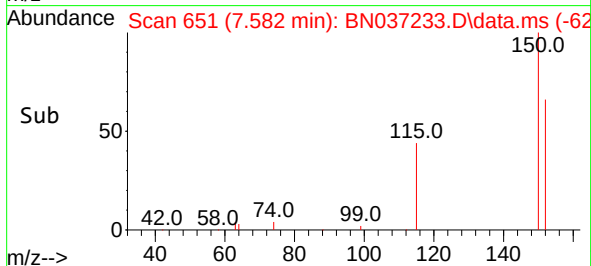


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.582 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

Instrument :
BNA_N
ClientSampleId :
PB168391BL

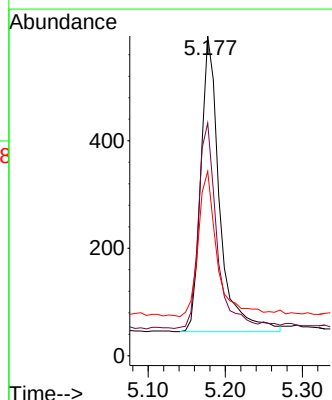
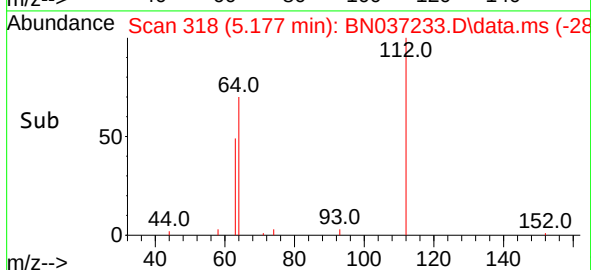
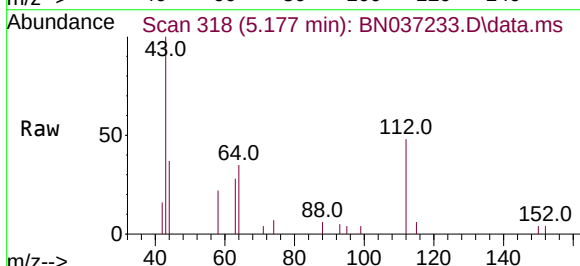


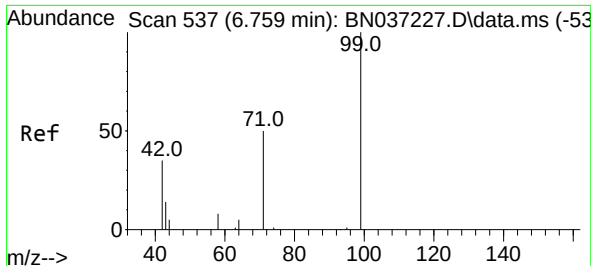
Tgt Ion:152 Resp: 1036
Ion Ratio Lower Upper
152 100
150 145.9 125.2 187.8
115 74.3 58.4 87.6



#4
2-Fluorophenol
Concen: 0.366 ng
RT: 5.177 min Scan# 318
Delta R.T. 0.007 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

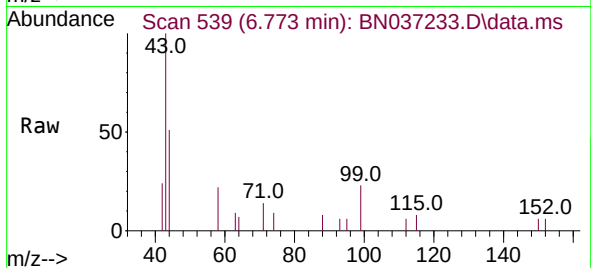
Tgt Ion:112 Resp: 932
Ion Ratio Lower Upper
112 100
64 67.5 57.2 85.8
63 48.2 39.8 59.6



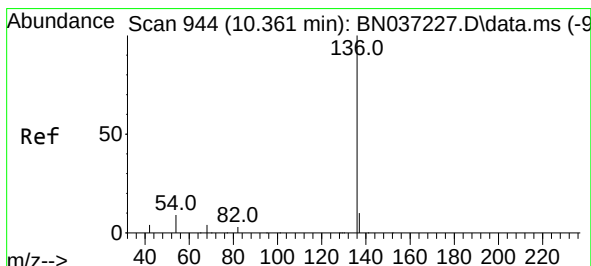
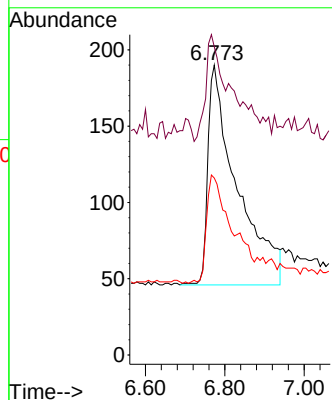
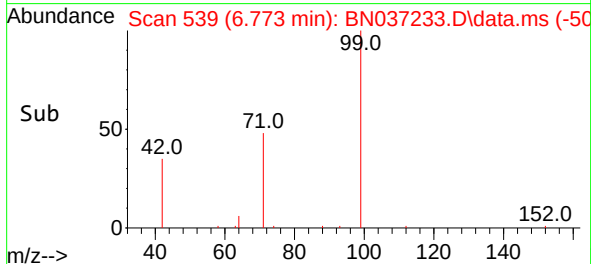


#5
Phenol-d6
Concen: 0.274 ng
RT: 6.773 min Scan# 531
Delta R.T. 0.015 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

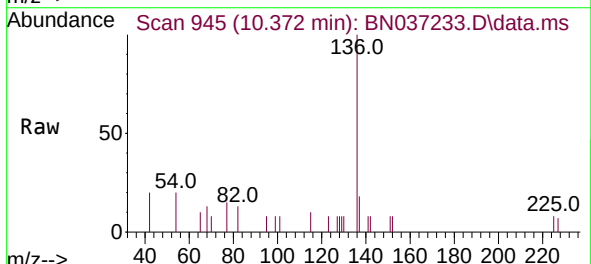
Instrument :
BNA_N
ClientSampleId :
PB168391BL



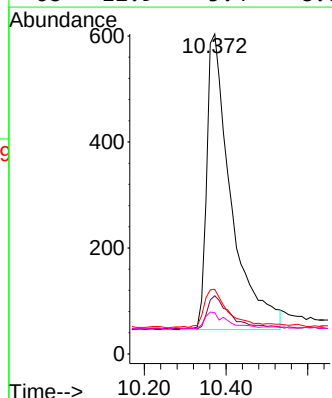
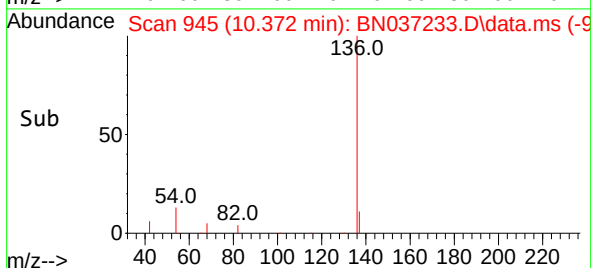
Tgt Ion: 99 Resp: 734
Ion Ratio Lower Upper
99 100
42 25.2 36.2 54.4#
71 43.9 42.4 63.6

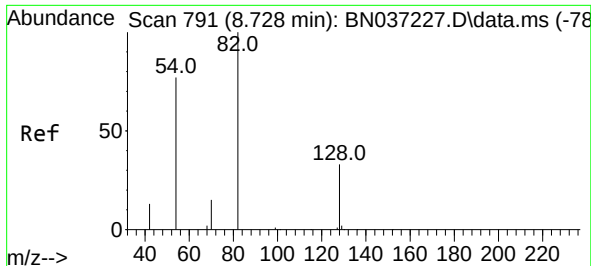


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. 0.011 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00



Tgt Ion: 136 Resp: 2301
Ion Ratio Lower Upper
136 100
137 18.2 10.6 15.8#
54 20.2 9.2 13.8#
68 12.9 5.4 8.0#

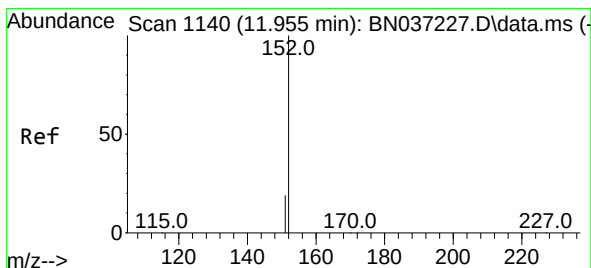
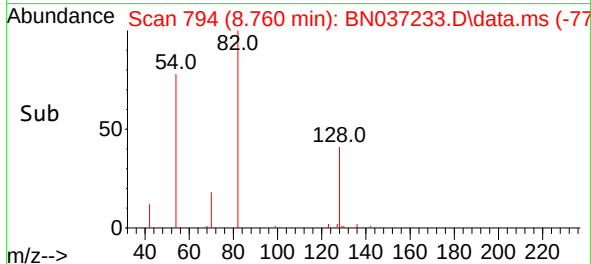
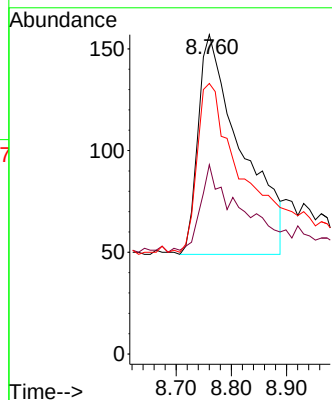
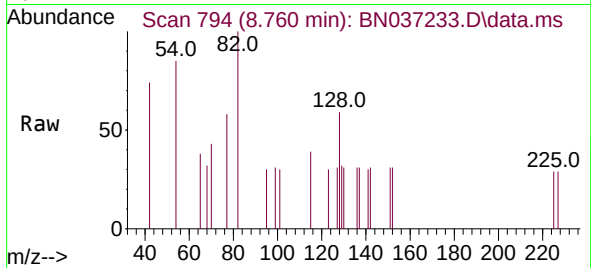




#8
 Nitrobenzene-d5
 Concen: 0.257 ng
 RT: 8.760 min Scan# 791
 Delta R.T. 0.032 min
 Lab File: BN037233.D
 Acq: 13 Jun 2025 19:00

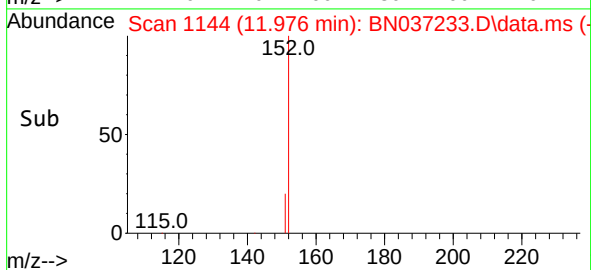
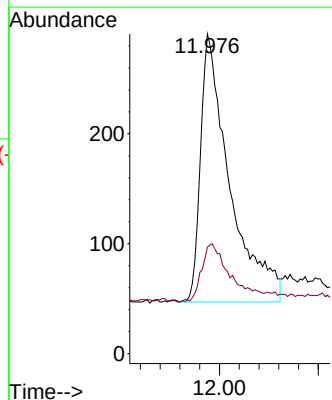
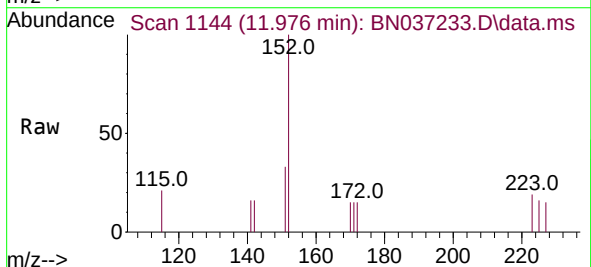
Instrument :
 BNA_N
 ClientSampleId :
 PB168391BL

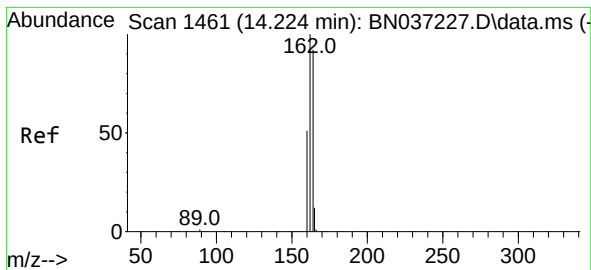
Tgt Ion: 82 Resp: 585
 Ion Ratio Lower Upper
 82 100
 128 59.2 31.2 46.8#
 54 84.7 63.3 94.9



#11
 2-Methylnaphthalene-d10
 Concen: 0.323 ng
 RT: 11.976 min Scan# 1144
 Delta R.T. 0.020 min
 Lab File: BN037233.D
 Acq: 13 Jun 2025 19:00

Tgt Ion: 152 Resp: 997
 Ion Ratio Lower Upper
 152 100
 151 21.9 17.9 26.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.234 min Scan# 1461

Delta R.T. 0.011 min

Lab File: BN037233.D

Acq: 13 Jun 2025 19:00

Instrument :

BNA_N

ClientSampleId :

PB168391BL

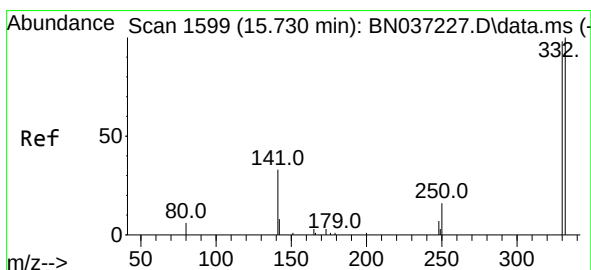
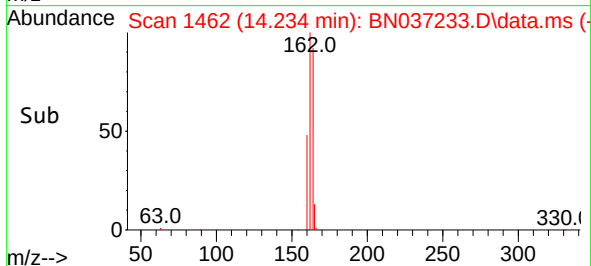
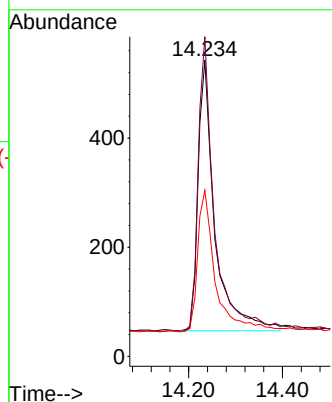
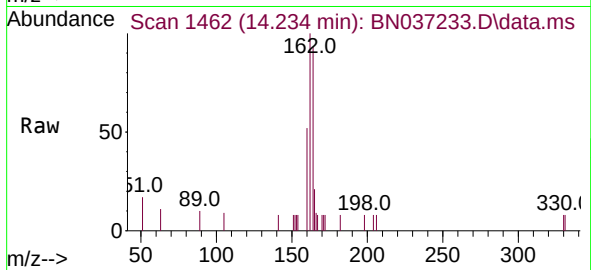
Tgt Ion:164 Resp: 1224

Ion Ratio Lower Upper

164 100

162 107.9 86.7 130.1

160 56.0 45.8 68.6



#14

2,4,6-Tribromophenol

Concen: 0.193 ng

RT: 15.755 min Scan# 1601

Delta R.T. 0.025 min

Lab File: BN037233.D

Acq: 13 Jun 2025 19:00

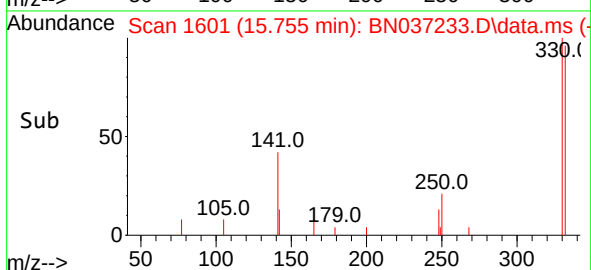
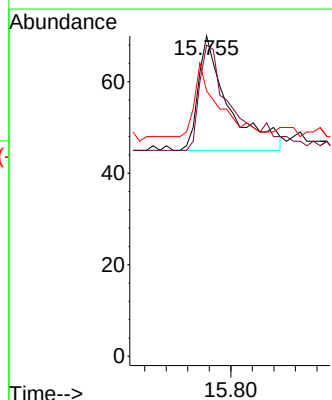
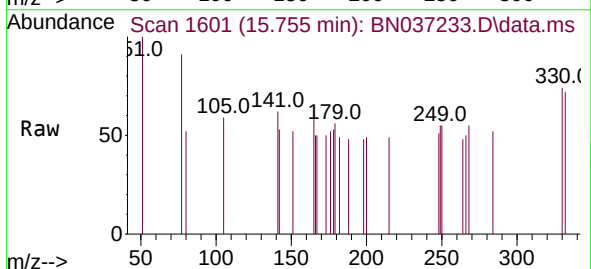
Tgt Ion:330 Resp: 98

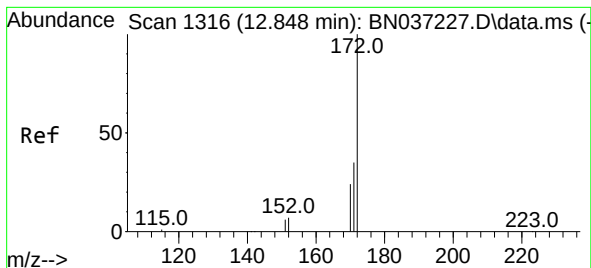
Ion Ratio Lower Upper

330 100

332 94.9 74.9 112.3

141 50.0 45.1 67.7

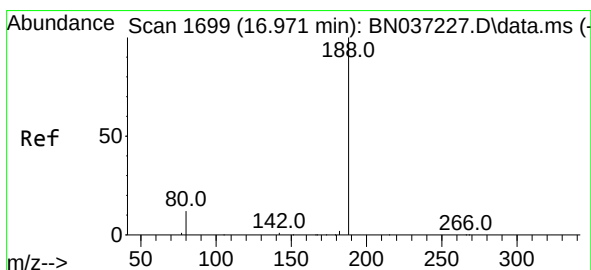
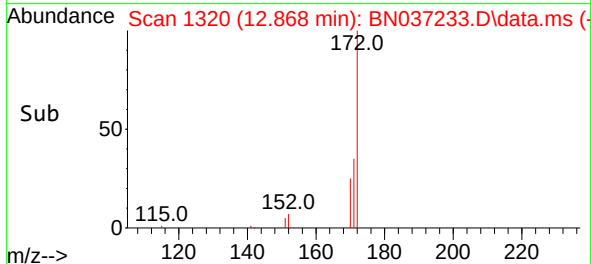
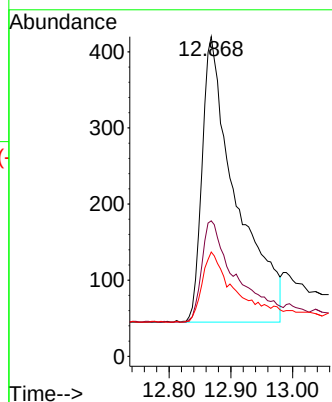
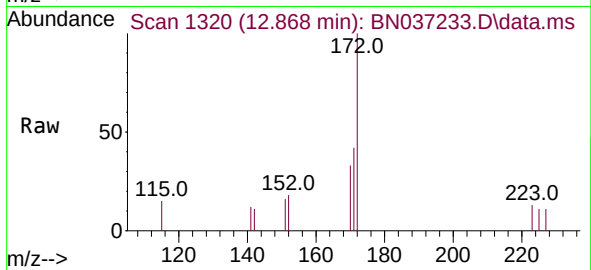




#15
2-Fluorobiphenyl
Concen: 0.277 ng
RT: 12.868 min Scan# 1316
Delta R.T. 0.020 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

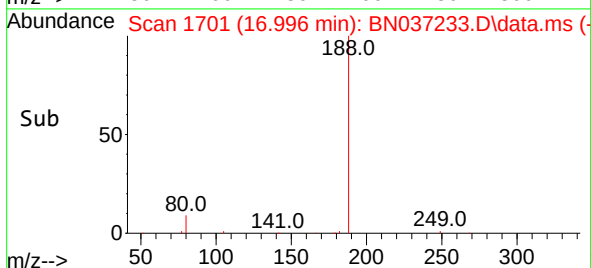
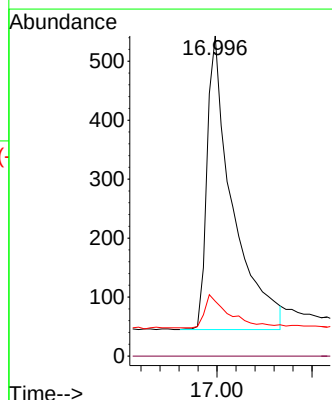
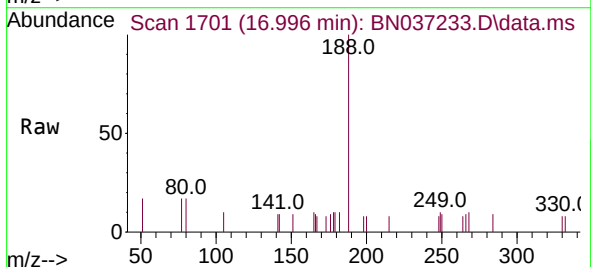
Instrument :
BNA_N
ClientSampleId :
PB168391BL

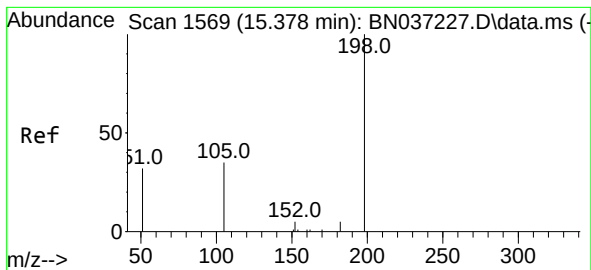
Tgt Ion:	172	Resp:	1426
Ion	Ratio	Lower	Upper
172	100		
171	42.4	29.8	44.8
170	32.6	21.1	31.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.996 min Scan# 1701
Delta R.T. 0.025 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

Tgt Ion:	188	Resp:	1841
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	17.1	12.2	18.4

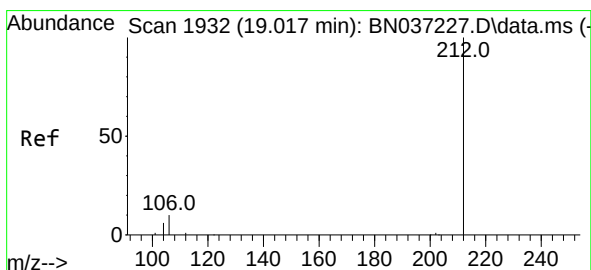
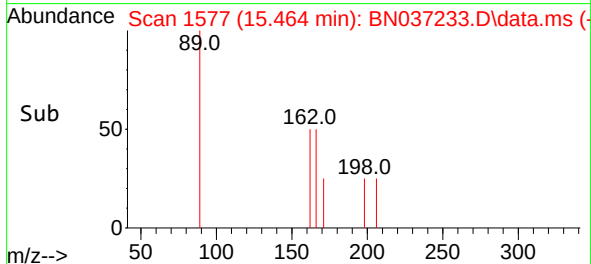
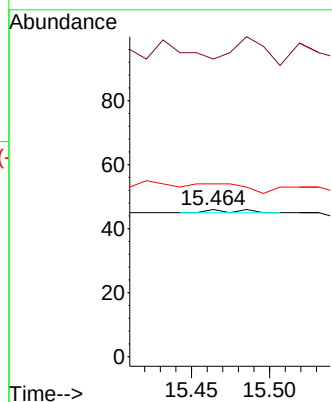
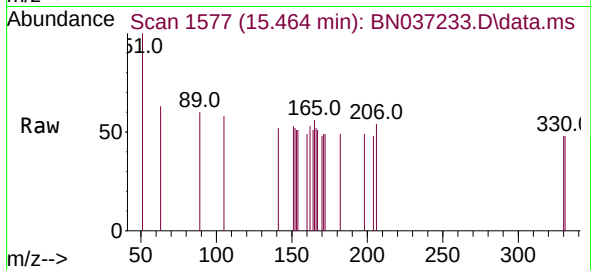




#20
4,6-Dinitro-2-methylphenol
Concen: 0.118 ng
RT: 15.464 min Scan# 1577
Delta R.T. 0.086 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

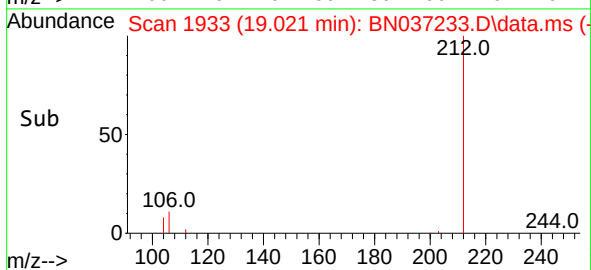
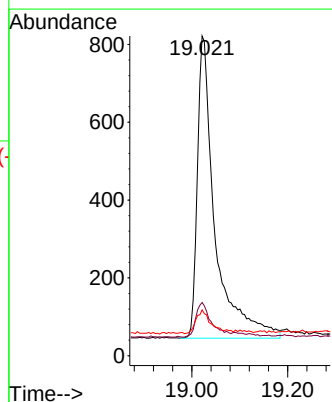
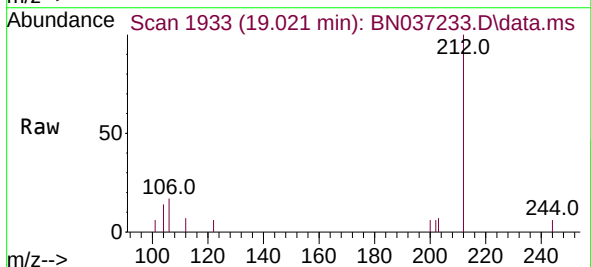
Instrument :
BNA_N
ClientSampleId :
PB168391BL

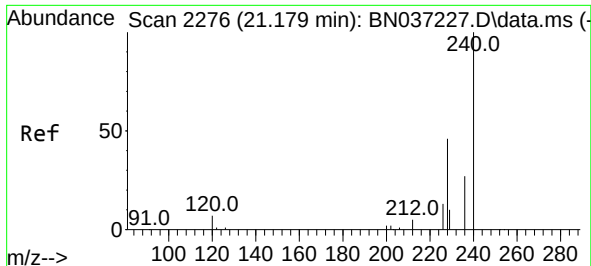
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 202.2 111.2 166.8#
105 117.4 54.0 81.0#



#27
Fluoranthene-d10
Concen: 0.411 ng
RT: 19.021 min Scan# 1933
Delta R.T. 0.005 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

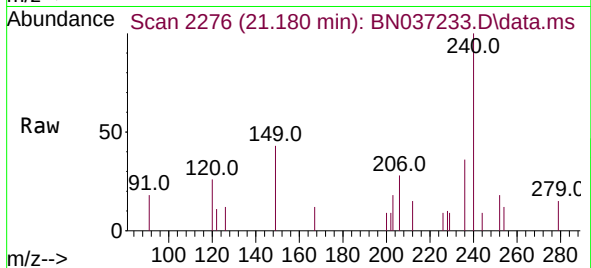
Tgt Ion:212 Resp: 1981
Ion Ratio Lower Upper
212 100
106 10.0 9.3 13.9
104 6.4 5.7 8.5



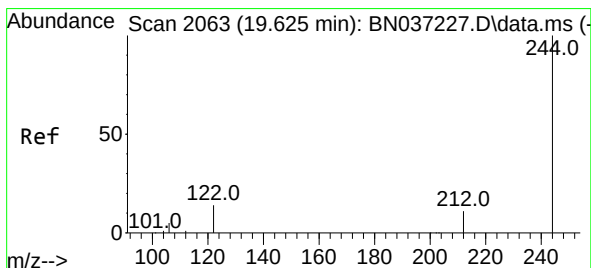
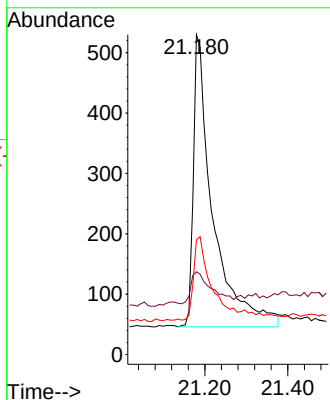
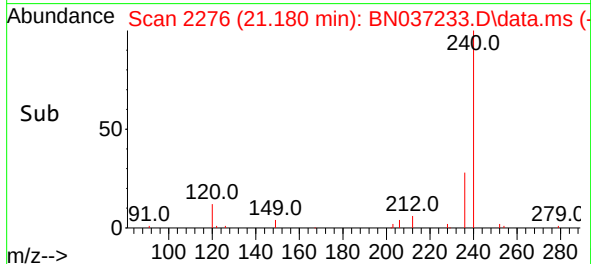


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

Instrument :
BNA_N
ClientSampleId :
PB168391BL

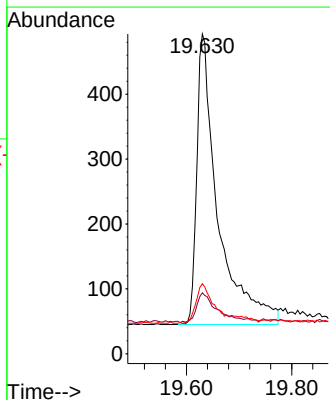
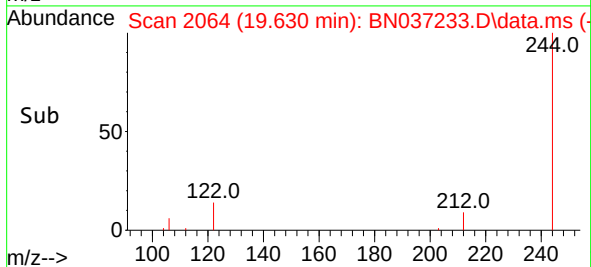
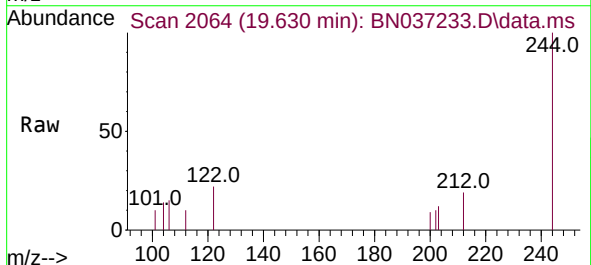


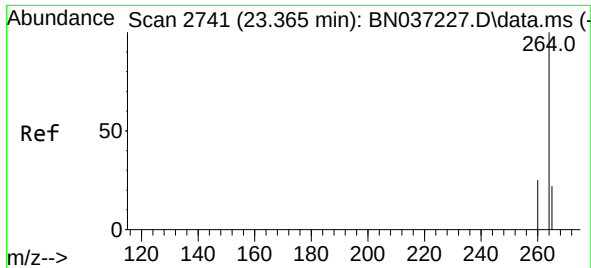
Tgt Ion:240 Resp: 1578
Ion Ratio Lower Upper
240 100
120 25.8 11.3 16.9#
236 35.8 24.4 36.6



#31
Terphenyl-d14
Concen: 0.350 ng
RT: 19.630 min Scan# 2064
Delta R.T. 0.005 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

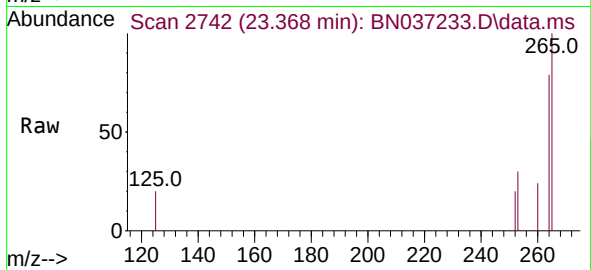
Tgt Ion:244 Resp: 1248
Ion Ratio Lower Upper
244 100
212 19.1 12.2 18.2#
122 21.9 14.3 21.5#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.368 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN037233.D
Acq: 13 Jun 2025 19:00

Instrument :
BNA_N
ClientSampleId :
PB168391BL



Tgt Ion:264 Resp: 1599
Ion Ratio Lower Upper
264 100
260 30.1 22.8 34.2
265 126.5 66.4 99.6#

