

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060325\
 Data File : BN037151.D
 Acq On : 03 Jun 2025 17:05
 Operator : RC/JU
 Sample : PB168238BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168238BL

Quant Time: Jun 04 01:54:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 04 01:52:03 2025
 Response via : Initial Calibration

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

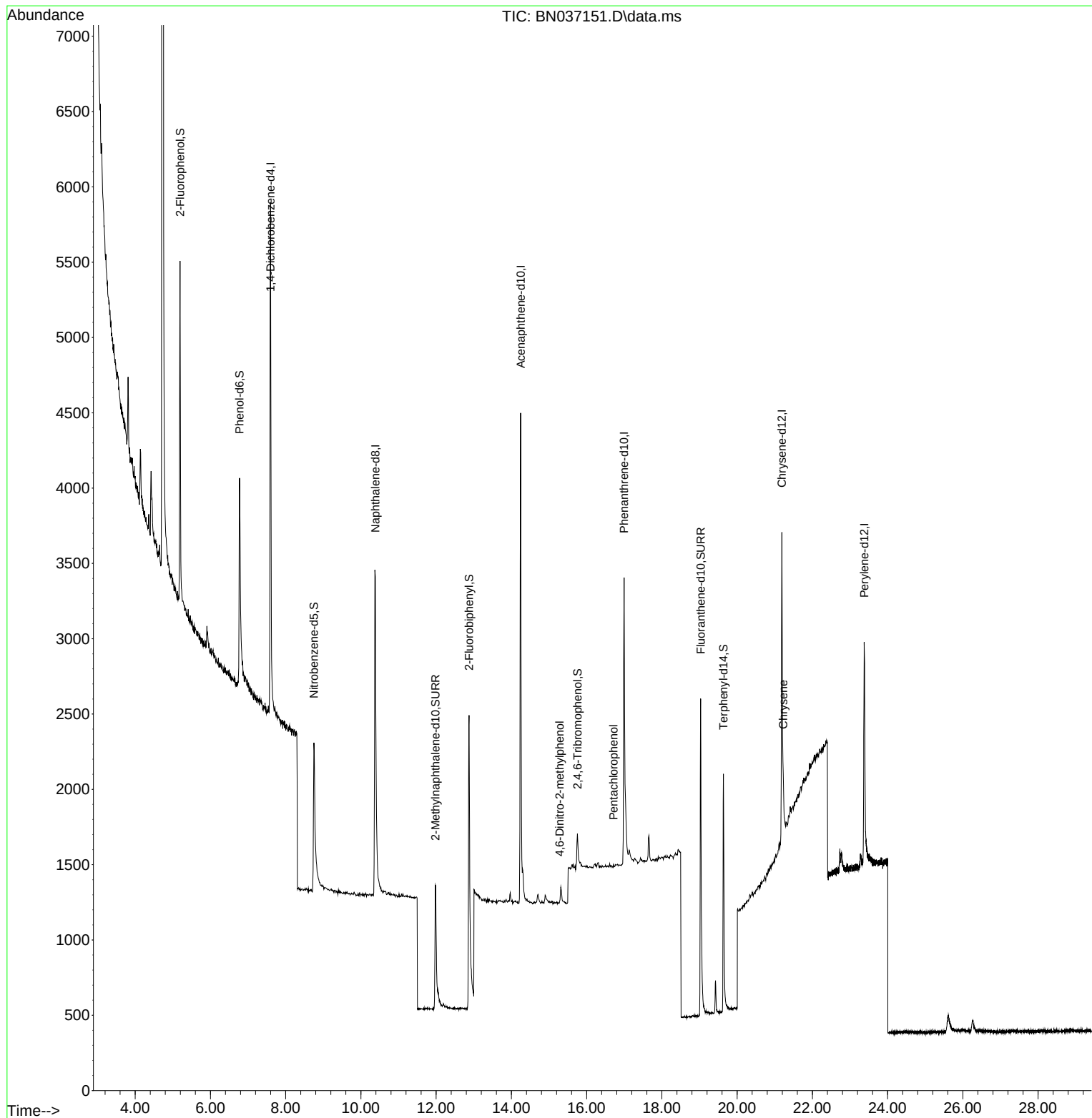
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.596	152	1842	0.400	ng	0.00
7) Naphthalene-d8	10.383	136	4284	0.400	ng	0.01
13) Acenaphthene-d10	14.245	164	2169	0.400	ng	0.01
19) Phenanthrene-d10	16.996	188	3808	0.400	ng	0.01
29) Chrysene-d12	21.188	240	2494	0.400	ng	# 0.00
35) Perylene-d12	23.377	264	2413	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	1596	0.350	ng	0.00
5) Phenol-d6	6.773	99	1685	0.305	ng	0.00
8) Nitrobenzene-d5	8.749	82	1429	0.316	ng	0.01
11) 2-Methylnaphthalene-d10	11.981	152	1907	0.320	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	218	0.250	ng	0.01
15) 2-Fluorobiphenyl	12.873	172	3232	0.349	ng	0.00
27) Fluoranthene-d10	19.031	212	3207	0.331	ng	0.00
31) Terphenyl-d14	19.635	244	2102	0.358	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.282	198	1	0.275	ng	# 19
24) Pentachlorophenol	16.711	266	16	0.225	ng	# 36
33) Chrysene	21.224	228	215	0.021	ng	# 61

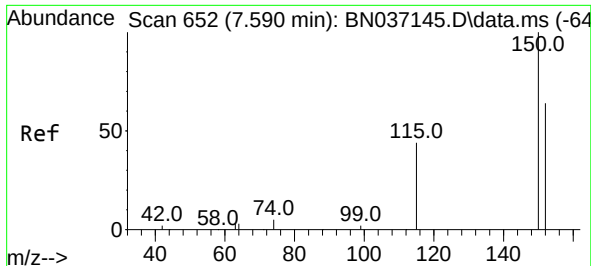
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060325\
Data File : BN037151.D
Acq On : 03 Jun 2025 17:05
Operator : RC/JU
Sample : PB168238BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168238BL

Quant Time: Jun 04 01:54:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

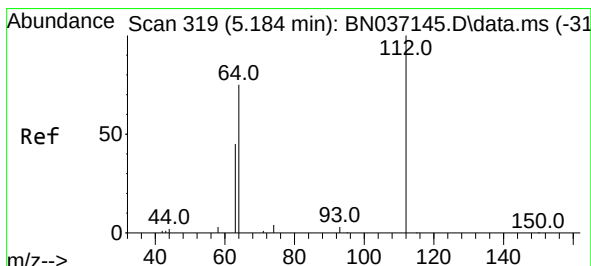
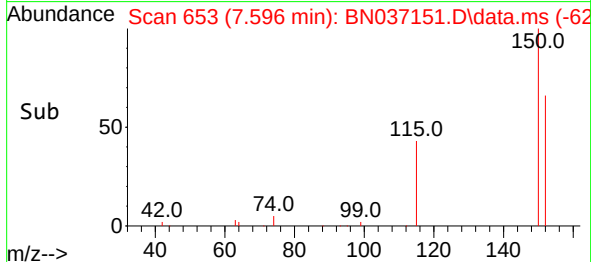
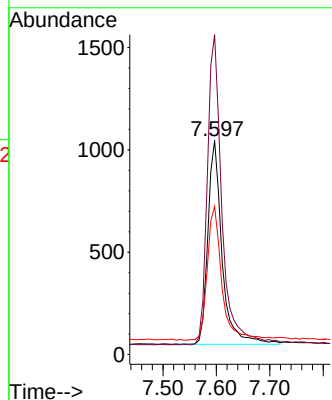
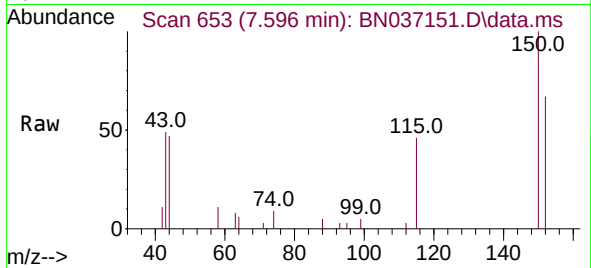




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.596 min Scan# 61
Delta R.T. 0.006 min
Lab File: BN037151.D
Acq: 03 Jun 2025 17:05

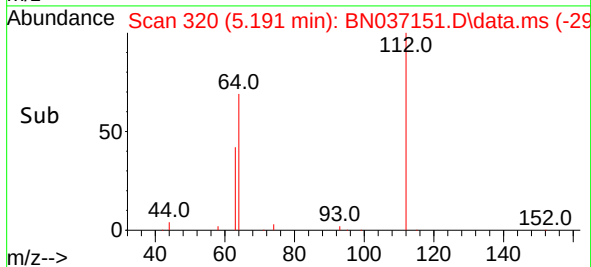
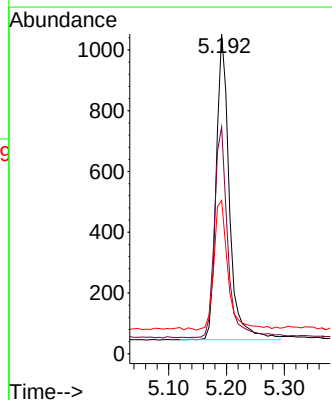
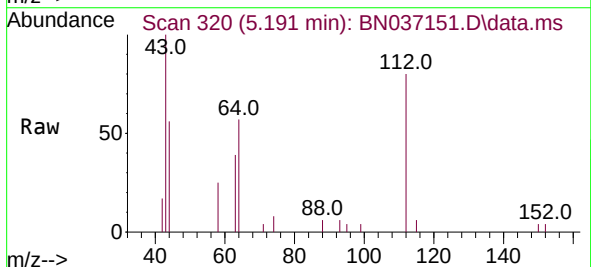
Instrument :
BNA_N
ClientSampleId :
PB168238BL

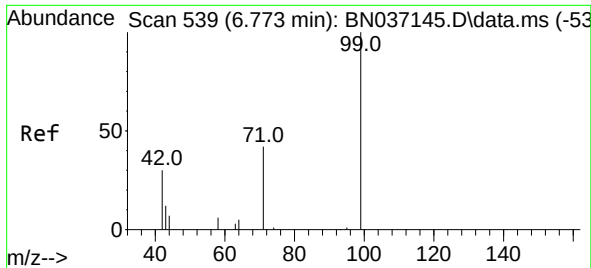
Tgt Ion:152 Resp: 1842
Ion Ratio Lower Upper
152 100
150 149.4 123.2 184.8
115 69.1 56.6 85.0



#4
2-Fluorophenol
Concen: 0.350 ng
RT: 5.191 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037151.D
Acq: 03 Jun 2025 17:05

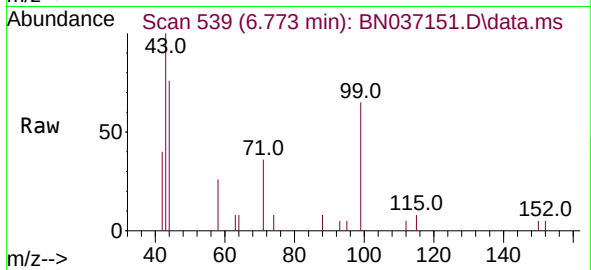
Tgt Ion:112 Resp: 1596
Ion Ratio Lower Upper
112 100
64 70.4 56.3 84.5
63 45.8 36.2 54.4



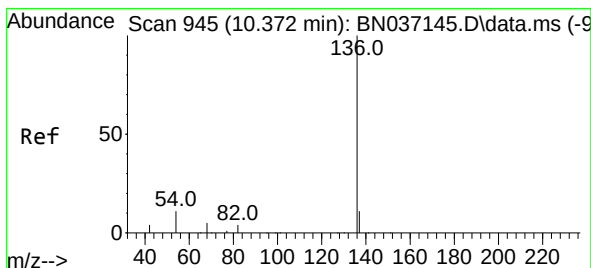
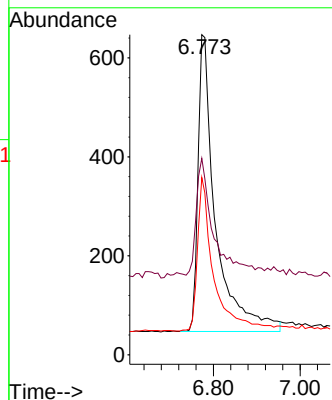
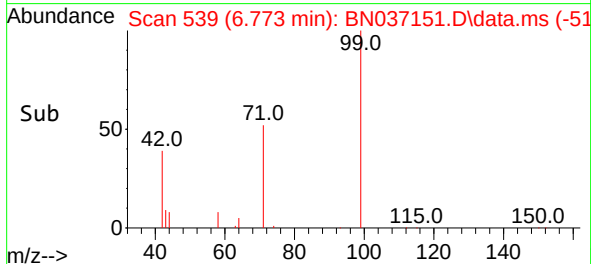


#5
Phenol-d6
Concen: 0.305 ng
RT: 6.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037151.D
Acq: 03 Jun 2025 17:05

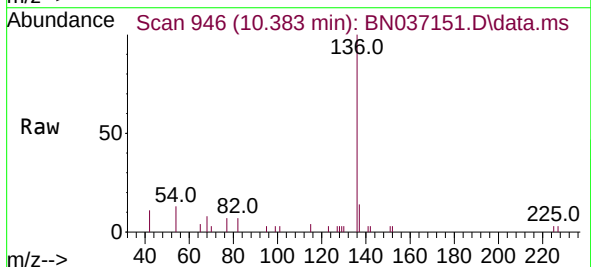
Instrument :
BNA_N
ClientSampleId :
PB168238BL



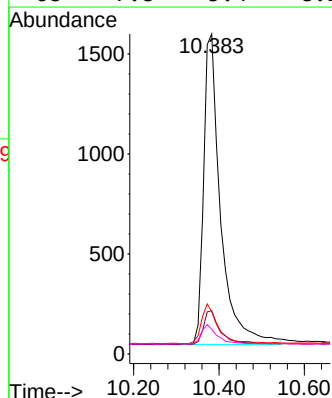
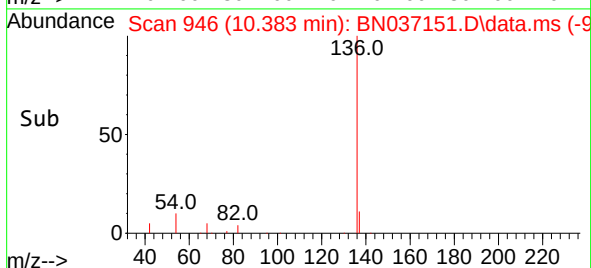
Tgt Ion:	99	Resp:	1685
Ion	Ratio	Lower	Upper
99	100		
42	38.6	31.3	46.9
71	47.6	38.2	57.2

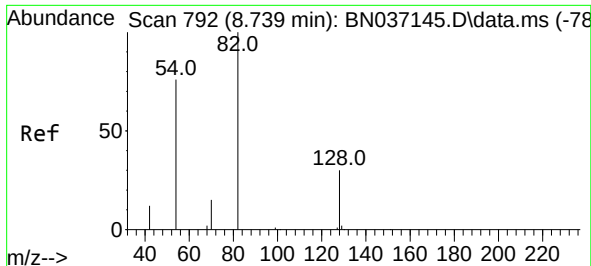


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.383 min Scan# 946
Delta R.T. 0.010 min
Lab File: BN037151.D
Acq: 03 Jun 2025 17:05



Tgt Ion:	136	Resp:	4284
Ion	Ratio	Lower	Upper
136	100		
137	13.5	9.7	14.5
54	13.1	9.7	14.5
68	7.8	5.4	8.2

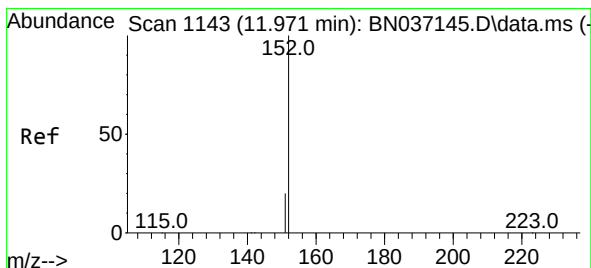
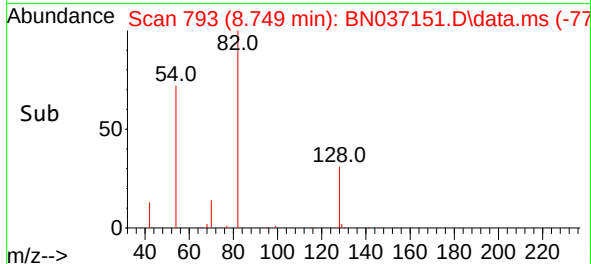
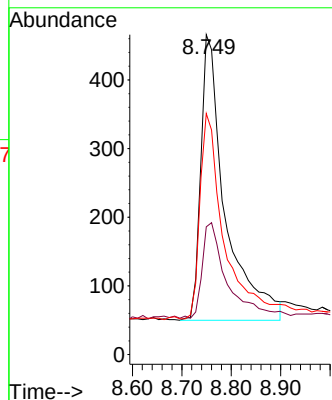
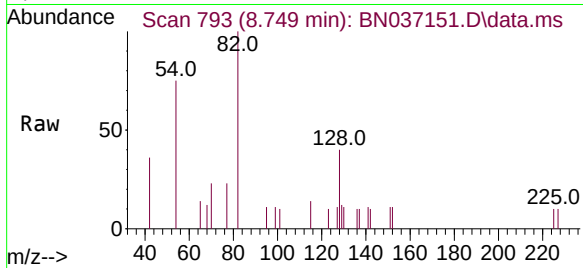




#8
 Nitrobenzene-d5
 Concen: 0.316 ng
 RT: 8.749 min Scan# 79
 Delta R.T. 0.010 min
 Lab File: BN037151.D
 Acq: 03 Jun 2025 17:05

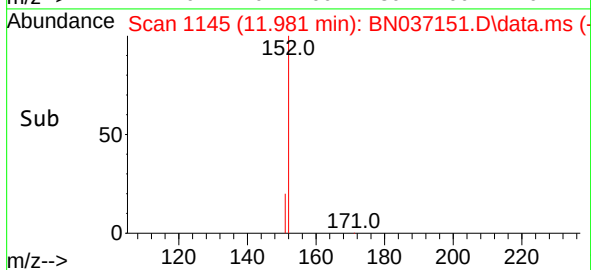
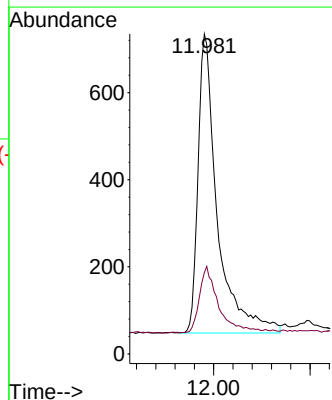
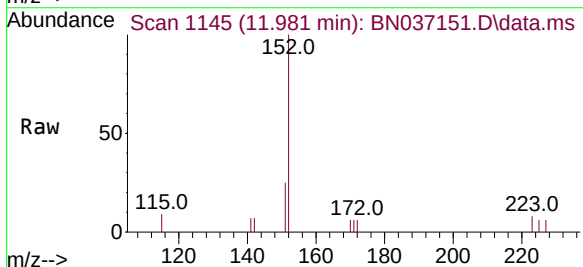
Instrument :
 BNA_N
 ClientSampleId :
 PB168238BL

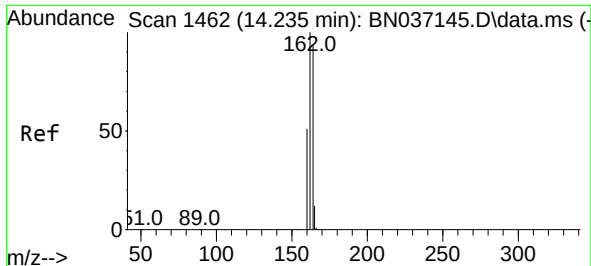
Tgt Ion: 82 Resp: 1429
 Ion Ratio Lower Upper
 82 100
 128 39.9 26.9 40.3
 54 75.3 61.4 92.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.320 ng
 RT: 11.981 min Scan# 1145
 Delta R.T. 0.010 min
 Lab File: BN037151.D
 Acq: 03 Jun 2025 17:05

Tgt Ion: 152 Resp: 1907
 Ion Ratio Lower Upper
 152 100
 151 21.7 17.1 25.7

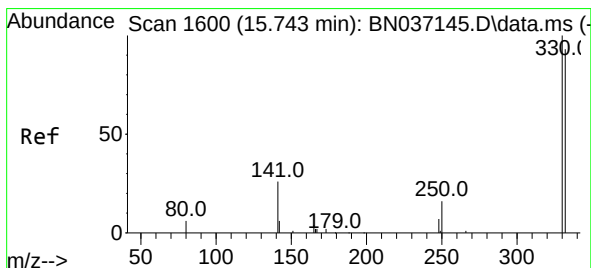
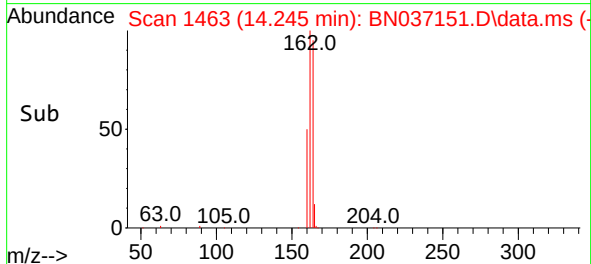
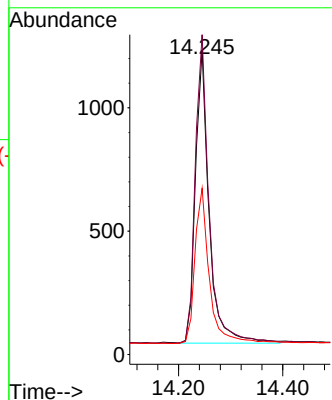
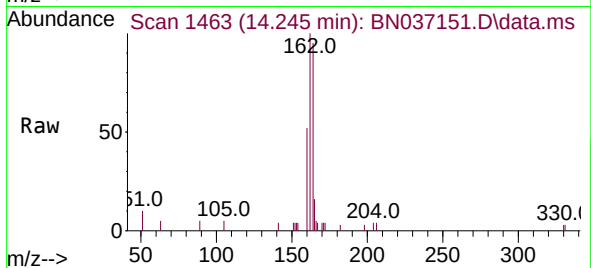




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.245 min Scan# 14
 Delta R.T. 0.010 min
 Lab File: BN037151.D
 Acq: 03 Jun 2025 17:05

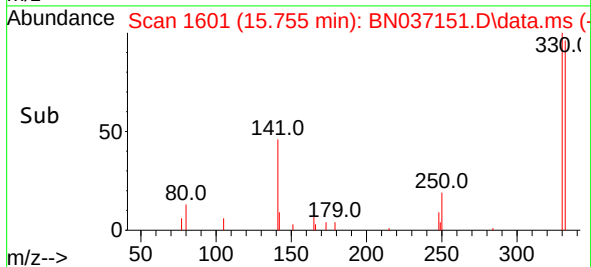
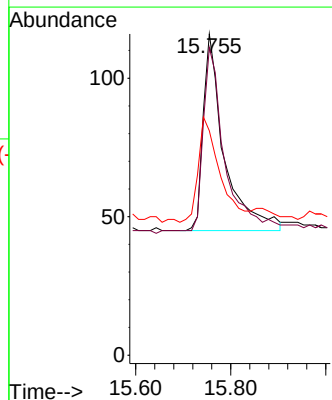
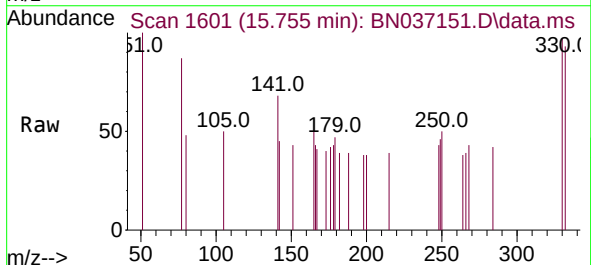
Instrument :
 BNA_N
 ClientSampleId :
 PB168238BL

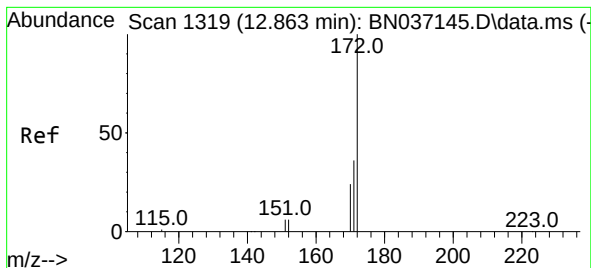
Tgt Ion:164 Resp: 2169
 Ion Ratio Lower Upper
 164 100
 162 105.2 85.5 128.3
 160 54.7 44.6 67.0



#14
 2,4,6-Tribromophenol
 Concen: 0.250 ng
 RT: 15.755 min Scan# 1601
 Delta R.T. 0.012 min
 Lab File: BN037151.D
 Acq: 03 Jun 2025 17:05

Tgt Ion:330 Resp: 218
 Ion Ratio Lower Upper
 330 100
 332 93.6 77.1 115.7
 141 54.1 46.4 69.6





#15

2-Fluorobiphenyl

Concen: 0.349 ng

RT: 12.873 min Scan# 1319

Delta R.T. 0.010 min

Lab File: BN037151.D

Acq: 03 Jun 2025 17:05

Instrument :

BNA_N

ClientSampleId :

PB168238BL

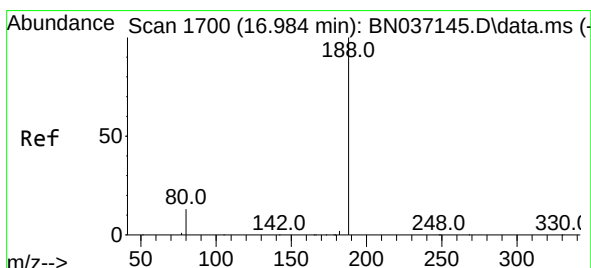
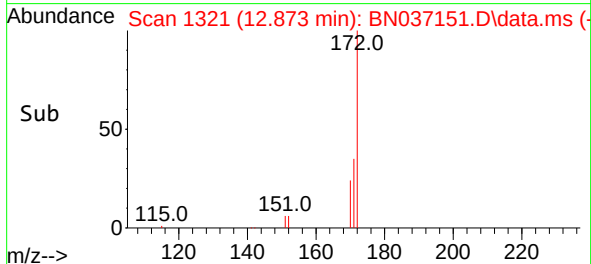
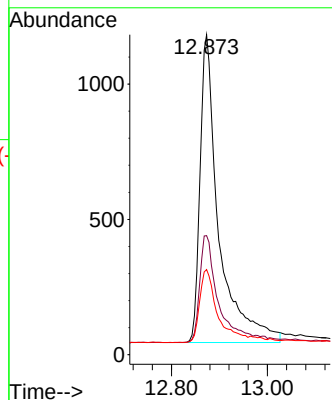
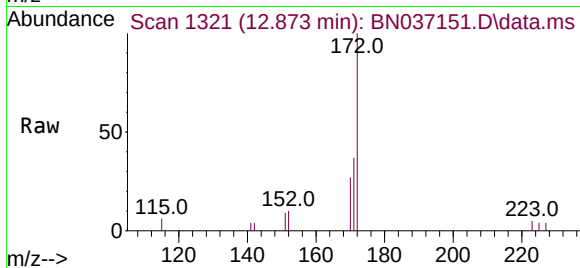
Tgt Ion:172 Resp: 3232

Ion Ratio Lower Upper

172 100

171 37.2 29.6 44.4

170 26.6 20.3 30.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.996 min Scan# 1701

Delta R.T. 0.012 min

Lab File: BN037151.D

Acq: 03 Jun 2025 17:05

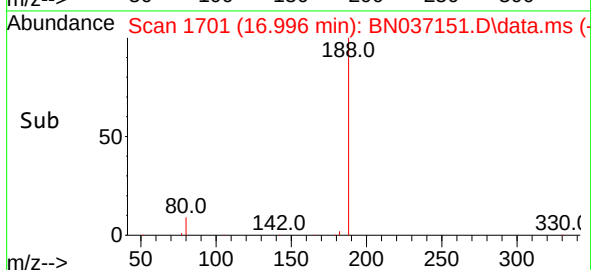
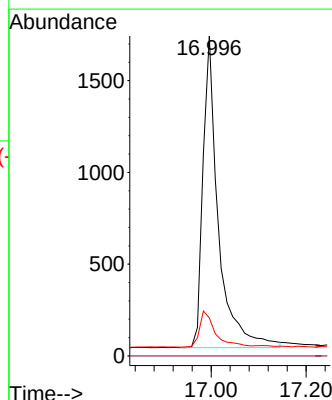
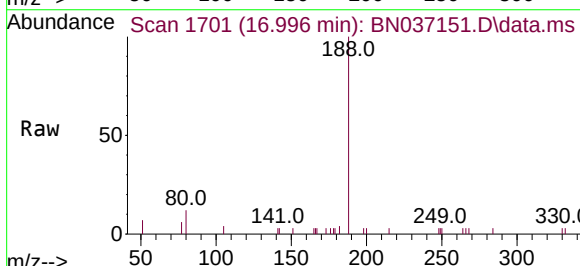
Tgt Ion:188 Resp: 3808

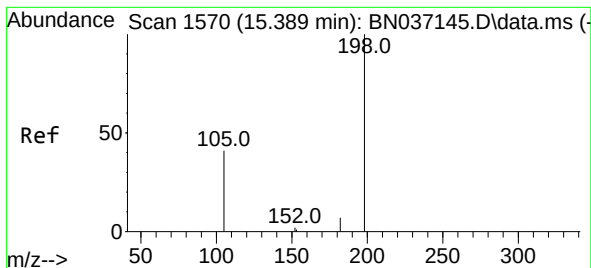
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 11.3 16.9

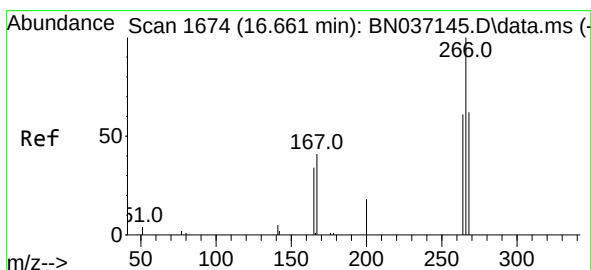
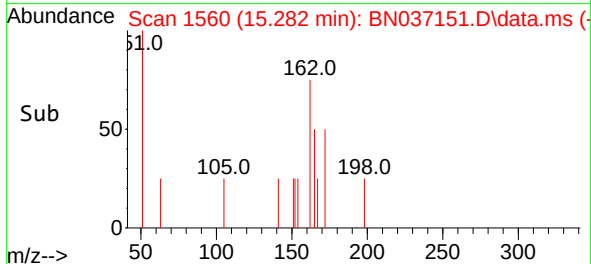
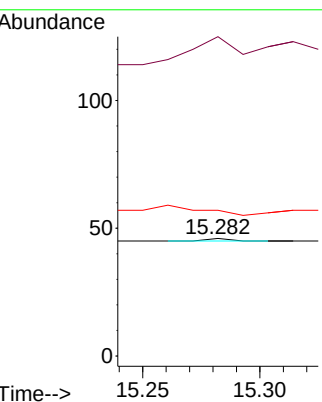
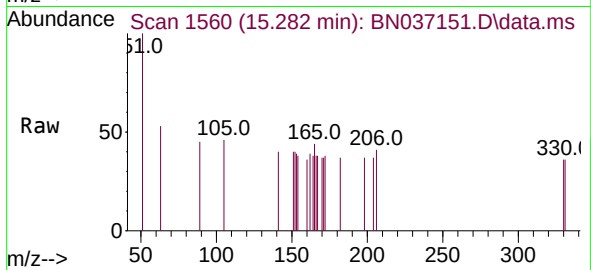




#20
4,6-Dinitro-2-methylphenol
Concen: 0.275 ng
RT: 15.282 min Scan# 1560
Delta R.T. -0.107 min
Lab File: BN037151.D
Acq: 03 Jun 2025 17:05

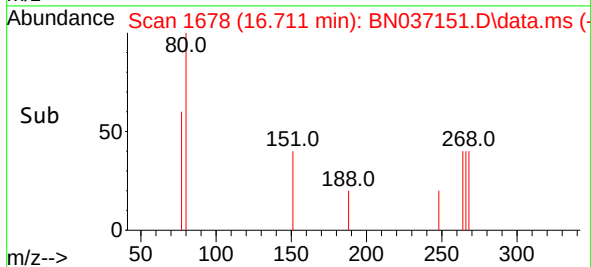
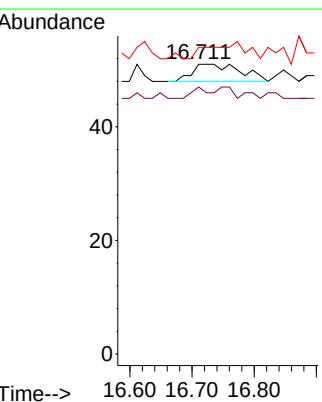
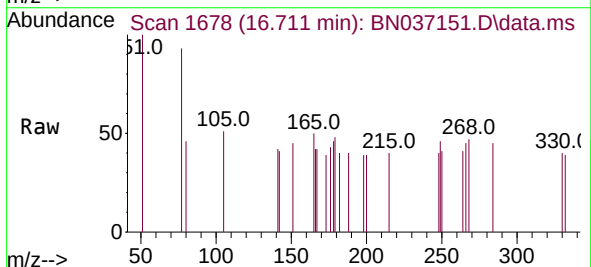
Instrument :
BNA_N
ClientSampleId :
PB168238BL

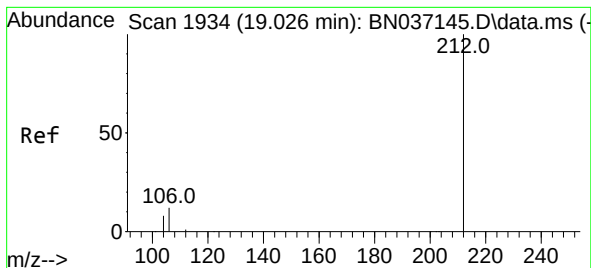
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 271.7 125.2 187.8#
105 123.9 57.1 85.7#



#24
Pentachlorophenol
Concen: 0.225 ng
RT: 16.711 min Scan# 1678
Delta R.T. 0.050 min
Lab File: BN037151.D
Acq: 03 Jun 2025 17:05

Tgt Ion:266 Resp: 16
Ion Ratio Lower Upper
266 100
264 18.8 49.3 73.9#
268 6.3 49.0 73.4#





#27

Fluoranthene-d10

Concen: 0.331 ng

RT: 19.031 min Scan# 1935

Delta R.T. 0.004 min

Lab File: BN037151.D

Acq: 03 Jun 2025 17:05

Instrument :

BNA_N

ClientSampleId :

PB168238BL

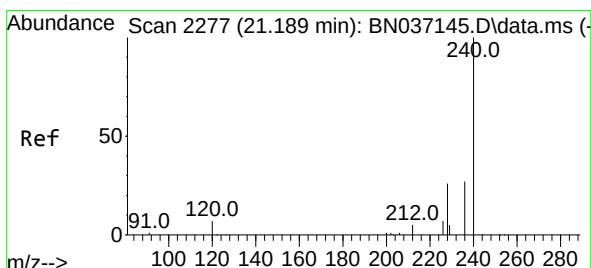
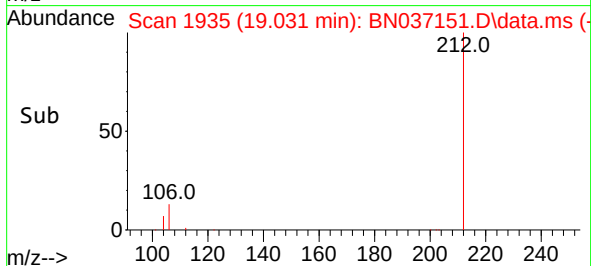
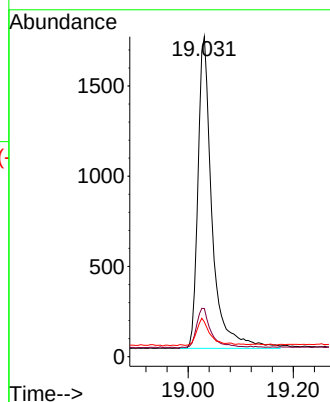
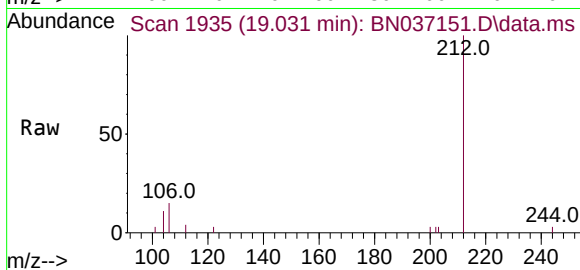
Tgt Ion:212 Resp: 3207

Ion Ratio Lower Upper

212 100

106 13.1 10.6 15.8

104 7.7 6.6 9.8



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.188 min Scan# 2277

Delta R.T. -0.000 min

Lab File: BN037151.D

Acq: 03 Jun 2025 17:05

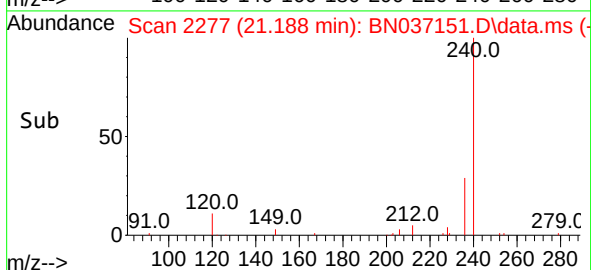
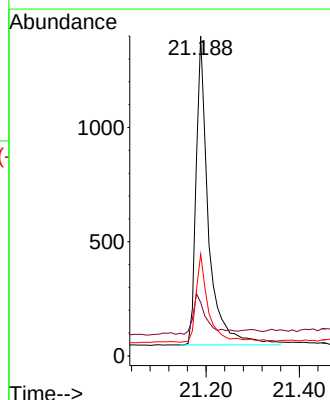
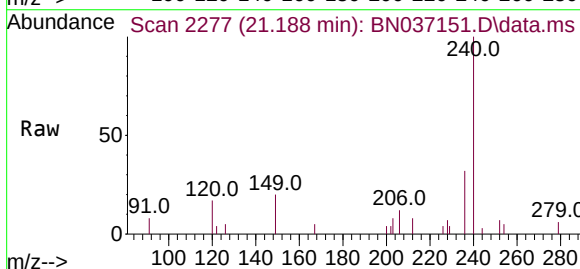
Tgt Ion:240 Resp: 2494

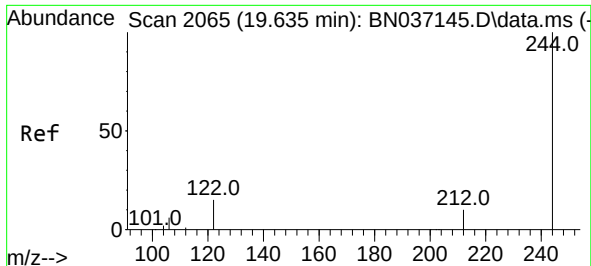
Ion Ratio Lower Upper

240 100

120 16.7 9.0 13.4#

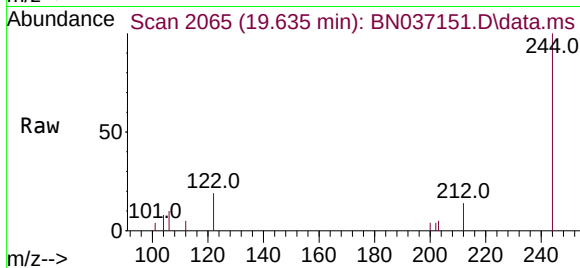
236 31.8 23.0 34.4



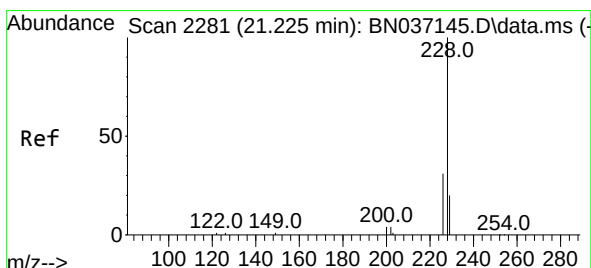
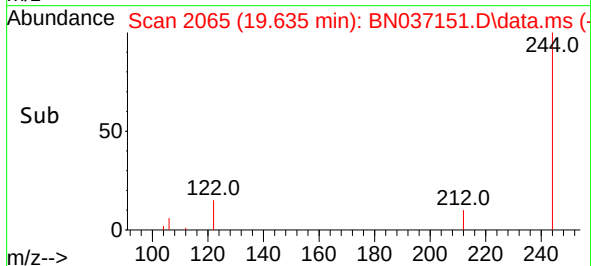
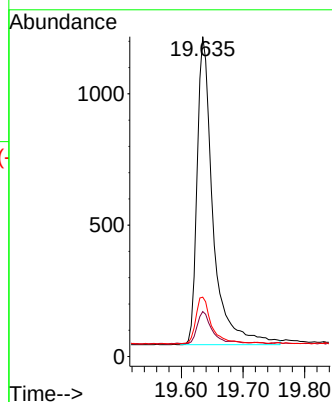


#31
 Terphenyl-d14
 Concen: 0.358 ng
 RT: 19.635 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: BN037151.D
 Acq: 03 Jun 2025 17:05

Instrument :
 BNA_N
 ClientSampleId :
 PB168238BL

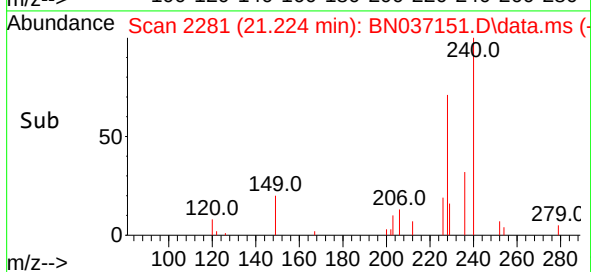
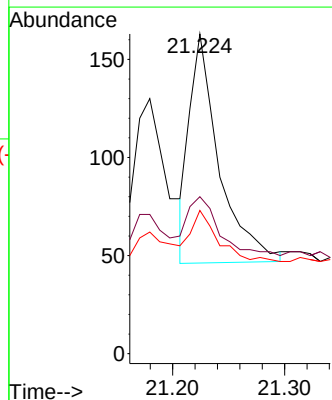
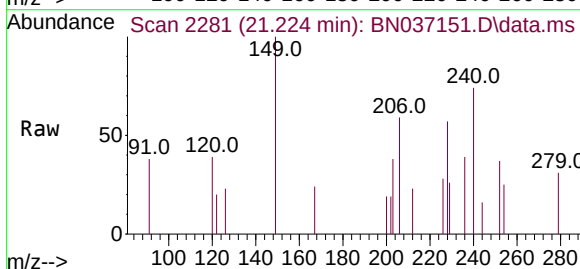


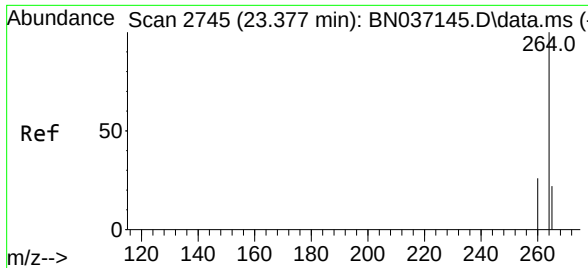
Tgt Ion:244 Resp: 2102
 Ion Ratio Lower Upper
 244 100
 212 14.0 10.0 15.0
 122 18.6 13.2 19.8



#33
 Chrysene
 Concen: 0.021 ng
 RT: 21.224 min Scan# 2281
 Delta R.T. -0.000 min
 Lab File: BN037151.D
 Acq: 03 Jun 2025 17:05

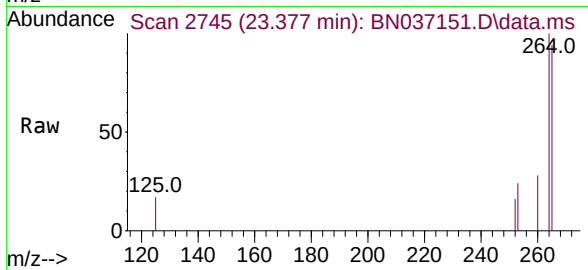
Tgt Ion:228 Resp: 215
 Ion Ratio Lower Upper
 228 100
 226 49.1 25.2 37.8#
 229 44.8 16.8 25.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.377 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN037151.D
 Acq: 03 Jun 2025 17:05

Instrument :
 BNA_N
 ClientSampleId :
 PB168238BL



Tgt Ion:264 Resp: 2413

Ion	Ratio	Lower	Upper
264	100		
260	28.5	22.1	33.1
265	93.6	55.8	83.8

