

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
 Data File : BN037184.D
 Acq On : 05 Jun 2025 17:33
 Operator : RC/JU
 Sample : Q2200-02DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-03B-90-060325DL

Quant Time: Jun 05 18:03:30 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)

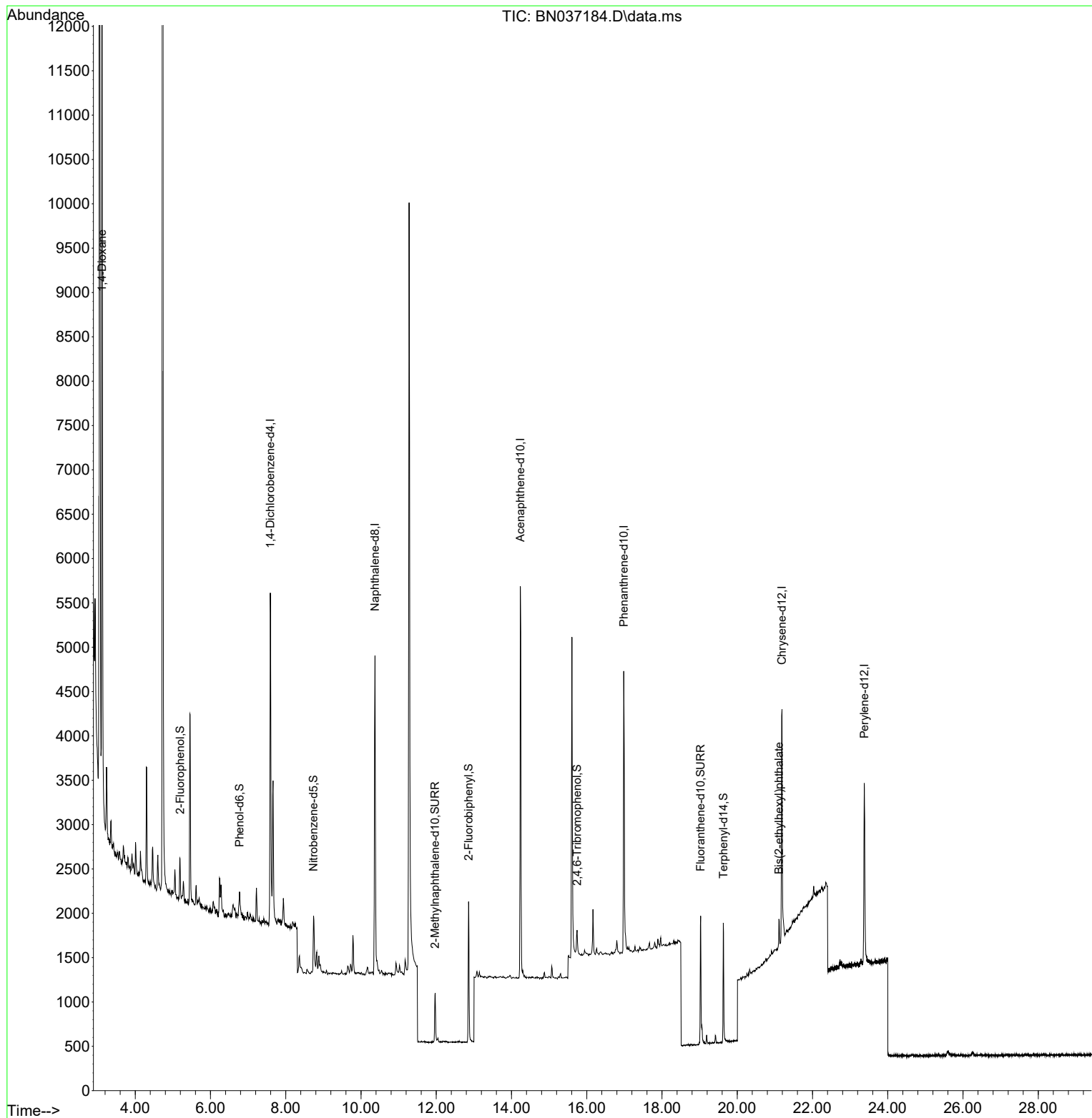
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	1825	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4774	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	2649	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4719	0.400	ng	0.00
29) Chrysene-d12	21.189	240	2954	0.400	ng	0.00
35) Perylene-d12	23.377	264	2771	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	325	0.072	ng	0.00
5) Phenol-d6	6.773	99	225	0.041	ng	0.00
8) Nitrobenzene-d5	8.739	82	600	0.119	ng	0.00
11) 2-Methylnaphthalene-d10	11.971	152	804	0.121	ng	0.00
14) 2,4,6-Tribromophenol	15.743	330	171	0.160	ng	0.00
15) 2-Fluorobiphenyl	12.863	172	1483	0.131	ng	0.00
27) Fluoranthene-d10	19.026	212	1738	0.145	ng	0.00
31) Terphenyl-d14	19.630	244	1348	0.194	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.119	88	6264	2.575	ng	96
34) Bis(2-ethylhexyl)phtha...	21.108	149	386	0.057	ng	# 90

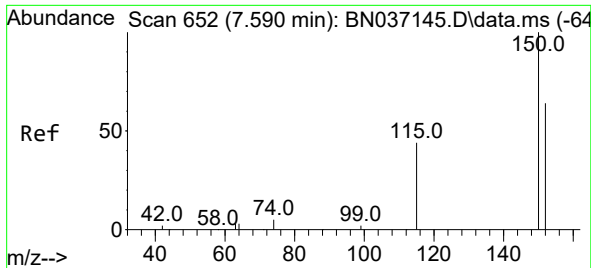
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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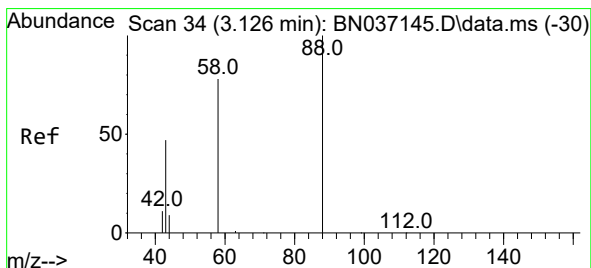
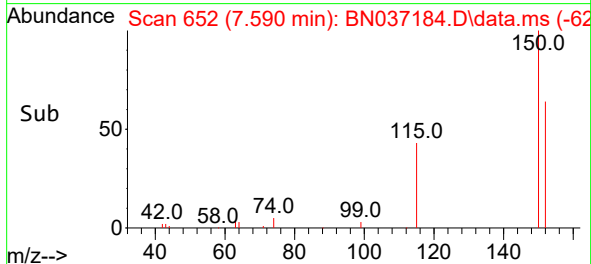
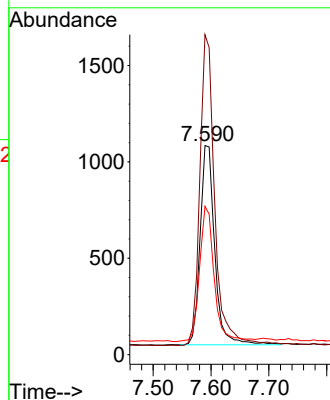
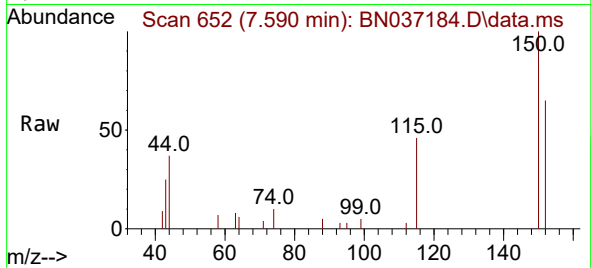




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.590 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037184.D
 Acq: 05 Jun 2025 17:33

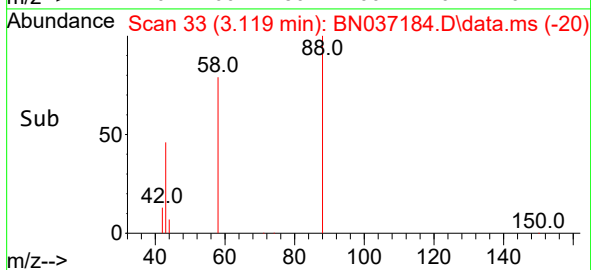
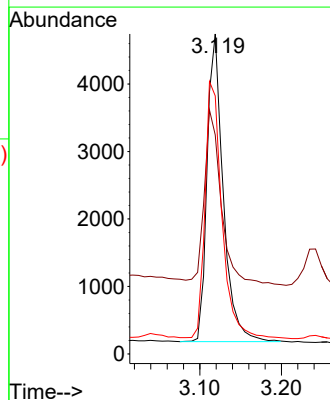
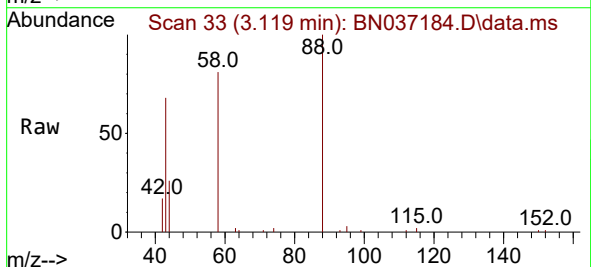
Instrument :
 BNA_N
 ClientSampleId :
 RMW-03B-90-060325DL

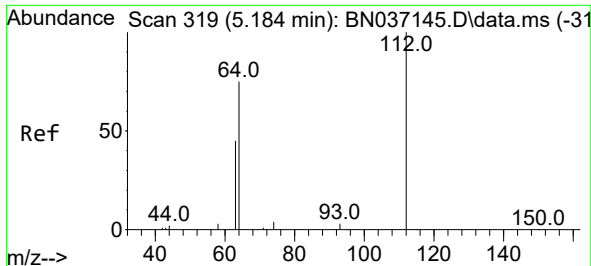
Tgt Ion:152 Resp: 1825
 Ion Ratio Lower Upper
 152 100
 150 153.0 123.2 184.8
 115 70.9 56.6 85.0



#2
 1,4-Dioxane
 Concen: 2.575 ng
 RT: 3.119 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: BN037184.D
 Acq: 05 Jun 2025 17:33

Tgt Ion: 88 Resp: 6264
 Ion Ratio Lower Upper
 88 100
 43 59.3 43.5 65.3
 58 87.0 67.7 101.5

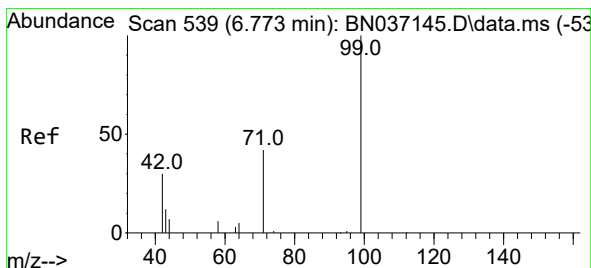
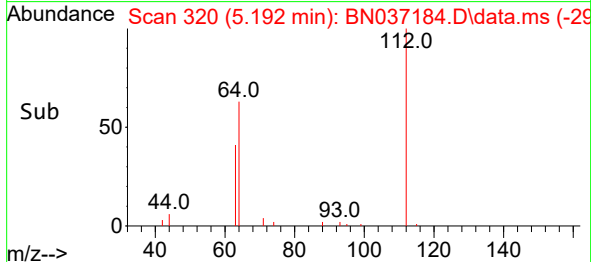
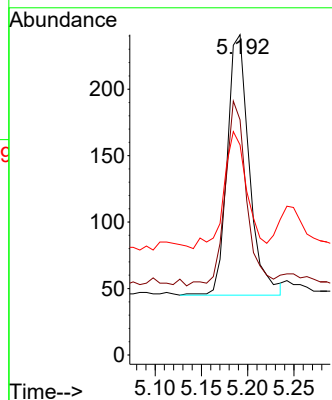
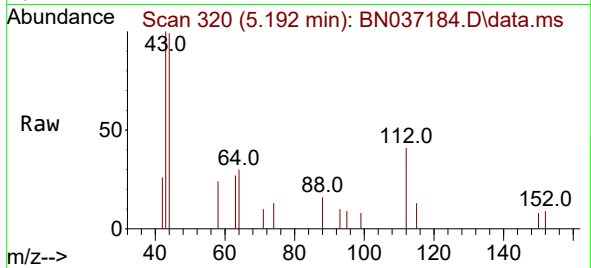




#4
2-Fluorophenol
Concen: 0.072 ng
RT: 5.192 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

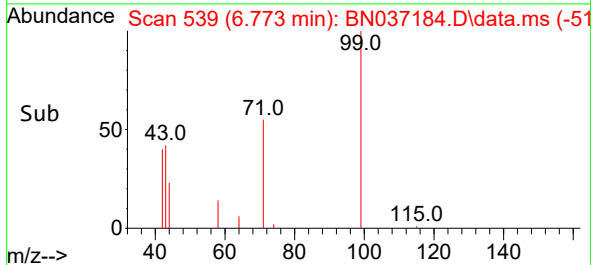
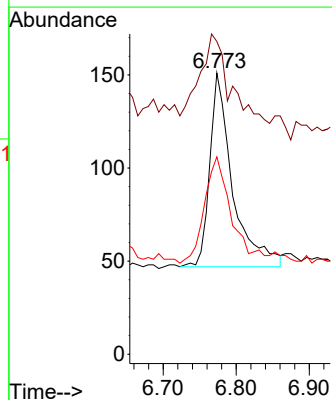
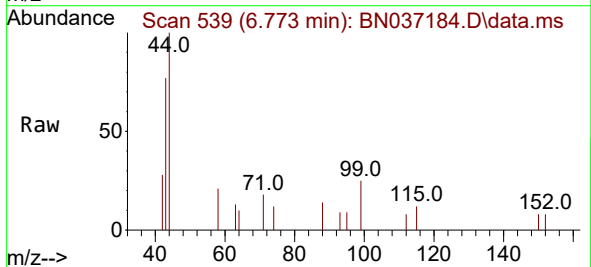
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-060325DL

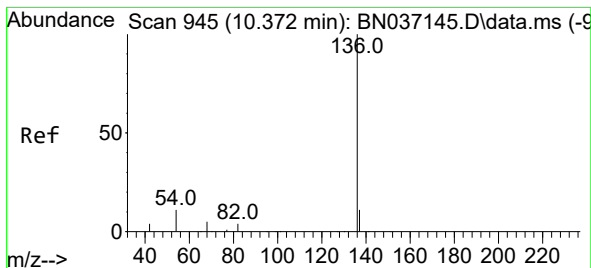
Tgt Ion:	112	Resp:	325
Ion	Ratio	Lower	Upper
112	100		
64	68.3	56.3	84.5
63	48.0	36.2	54.4



#5
Phenol-d6
Concen: 0.041 ng
RT: 6.773 min Scan# 539
Delta R.T. 0.000 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

Tgt Ion:	99	Resp:	225
Ion	Ratio	Lower	Upper
99	100		
42	63.1	31.3	46.9#
71	64.9	38.2	57.2#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.372 min Scan# 945

Delta R.T. 0.000 min

Lab File: BN037184.D

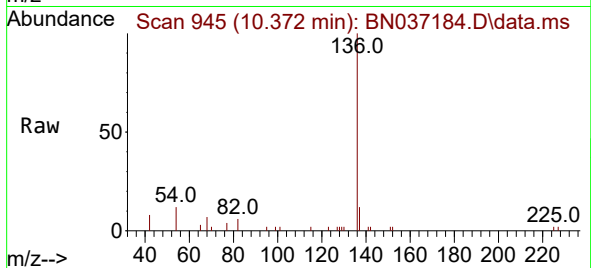
Acq: 05 Jun 2025 17:33

Instrument :

BNA_N

ClientSampleId :

RMW-03B-90-060325DL



Tgt Ion:136 Resp: 4774

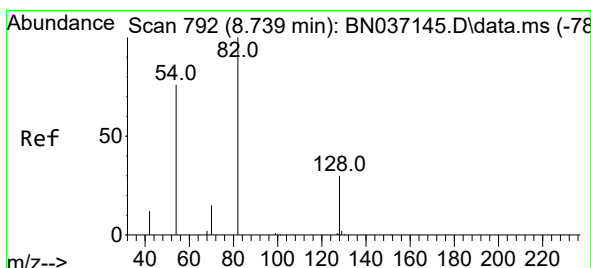
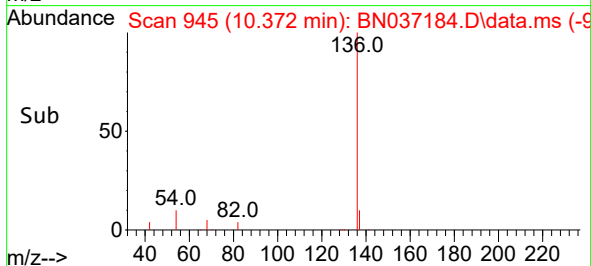
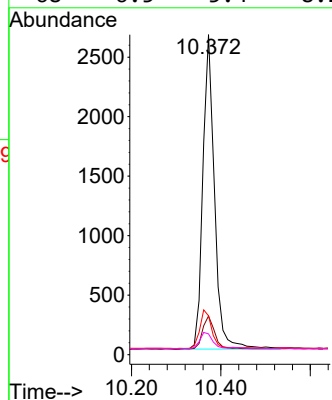
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 12.2 9.7 14.5

68 6.5 5.4 8.2



#8

Nitrobenzene-d5

Concen: 0.119 ng

RT: 8.739 min Scan# 792

Delta R.T. 0.000 min

Lab File: BN037184.D

Acq: 05 Jun 2025 17:33

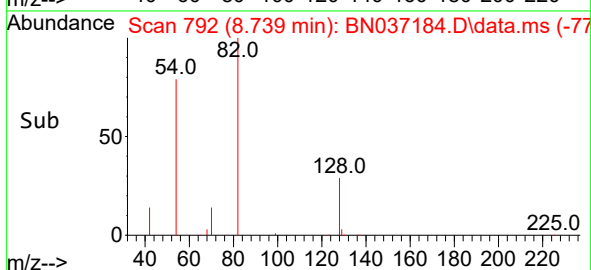
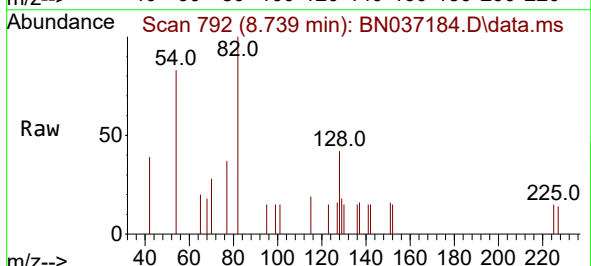
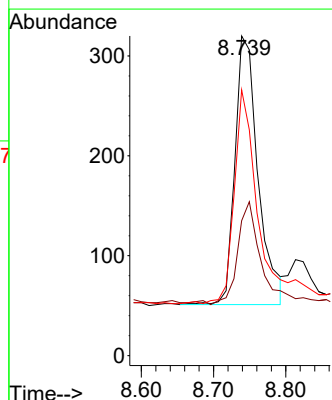
Tgt Ion: 82 Resp: 600

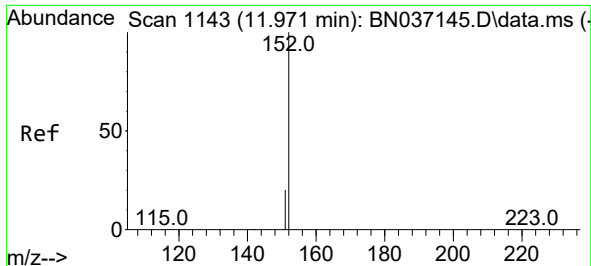
Ion Ratio Lower Upper

82 100

128 42.2 26.9 40.3#

54 83.1 61.4 92.2

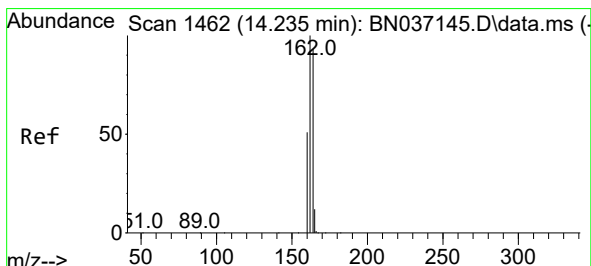
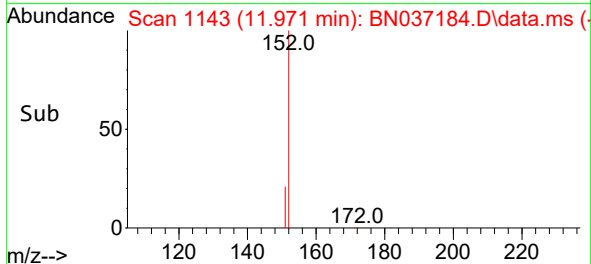
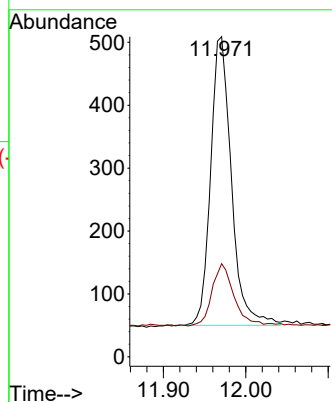
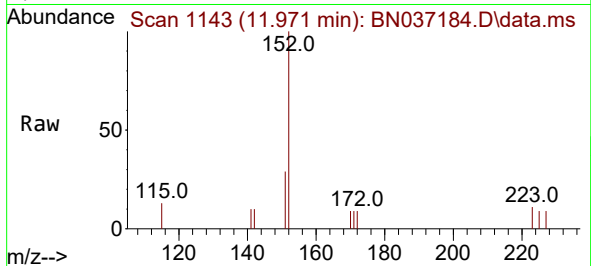




#11
2-Methylnaphthalene-d10
Concen: 0.121 ng
RT: 11.971 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

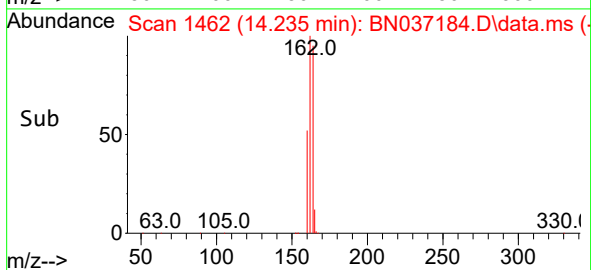
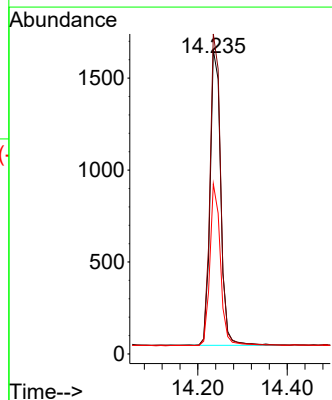
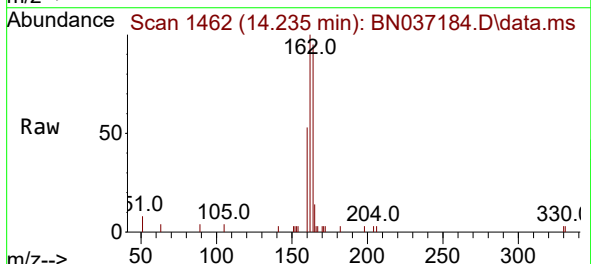
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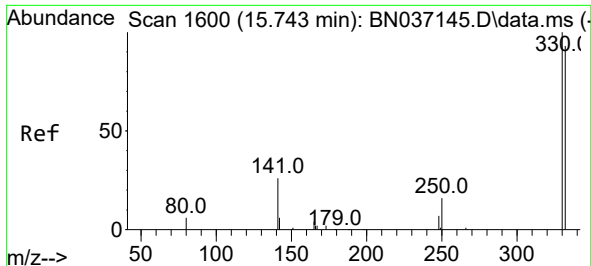
Tgt Ion:152 Resp: 804
Ion Ratio Lower Upper
152 100
151 22.8 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

Tgt Ion:164 Resp: 2649
Ion Ratio Lower Upper
164 100
162 105.3 85.5 128.3
160 56.0 44.6 67.0

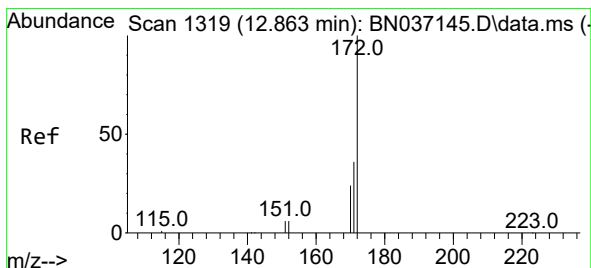
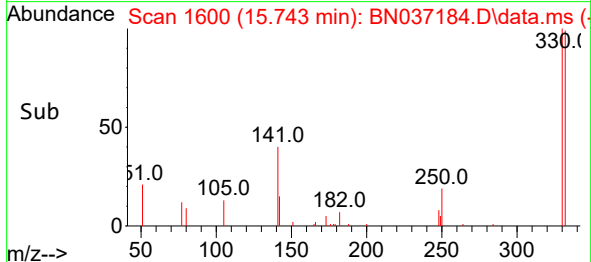
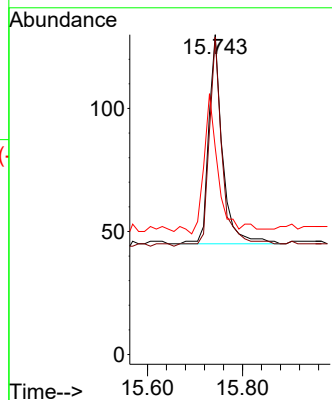
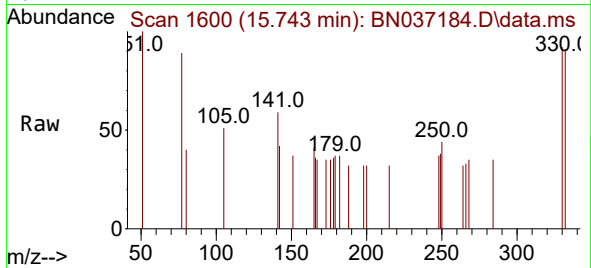




#14
2,4,6-Tribromophenol
Concen: 0.160 ng
RT: 15.743 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

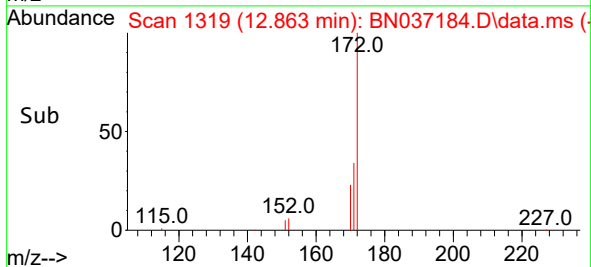
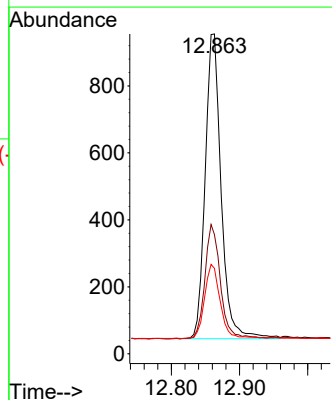
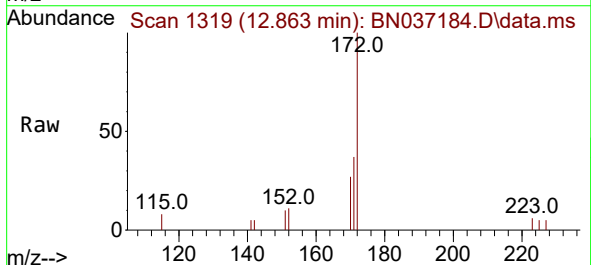
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90-060325DL

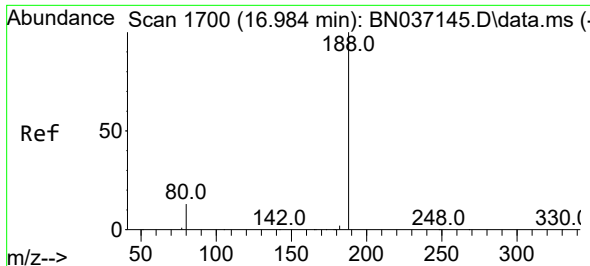
Tgt Ion:330 Resp: 171
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 71.9 46.4 69.6#



#15
2-Fluorobiphenyl
Concen: 0.131 ng
RT: 12.863 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

Tgt Ion:172 Resp: 1483
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 26.7 20.3 30.5

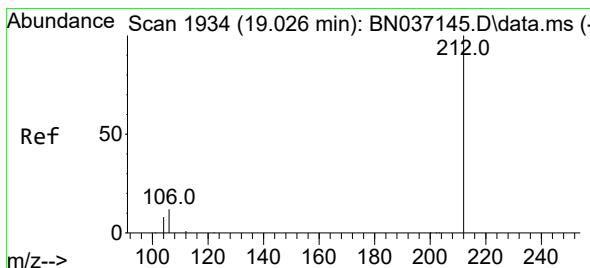
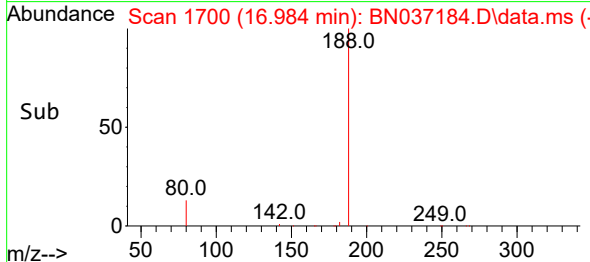
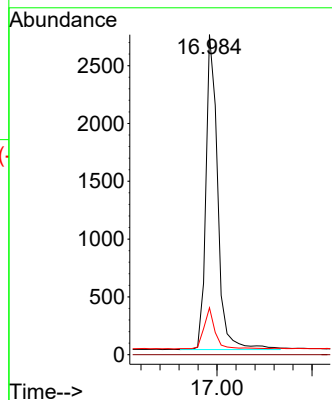
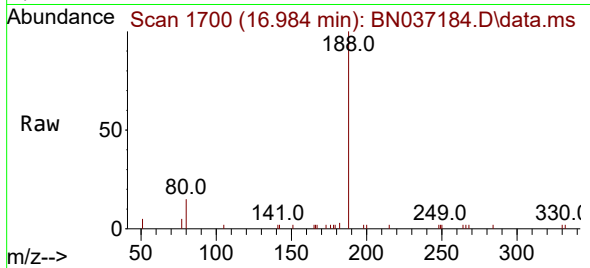




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

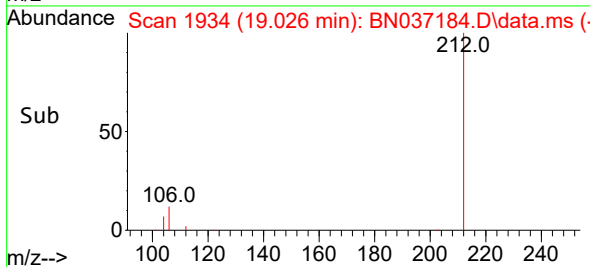
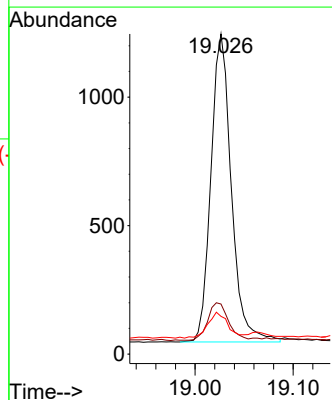
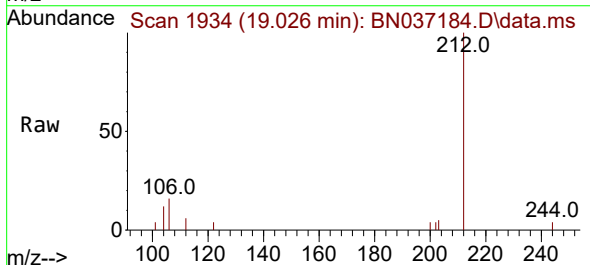
Instrument :
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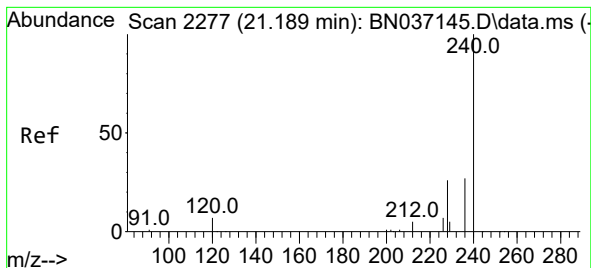
Tgt Ion:188 Resp: 4719
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.6 11.3 16.9



#27
Fluoranthene-d10
Concen: 0.145 ng
RT: 19.026 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BN037184.D
Acq: 05 Jun 2025 17:33

Tgt Ion:212 Resp: 1738
Ion Ratio Lower Upper
212 100
106 12.4 10.6 15.8
104 8.3 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.189 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037184.D

Acq: 05 Jun 2025 17:33

Instrument :

BNA_N

ClientSampleId :

RMW-03B-90-060325DL

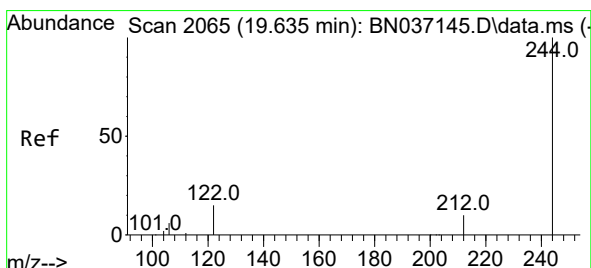
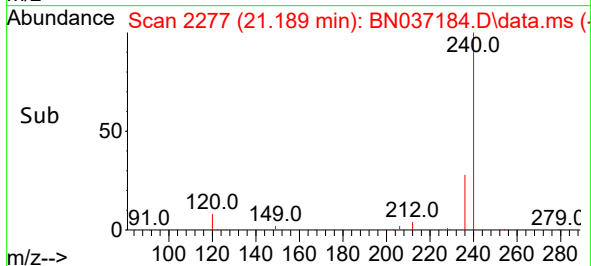
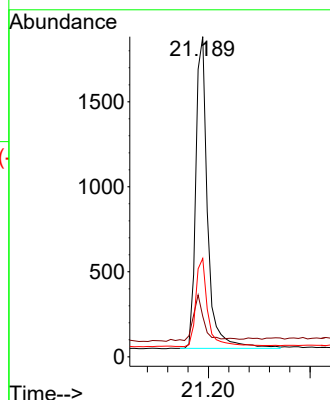
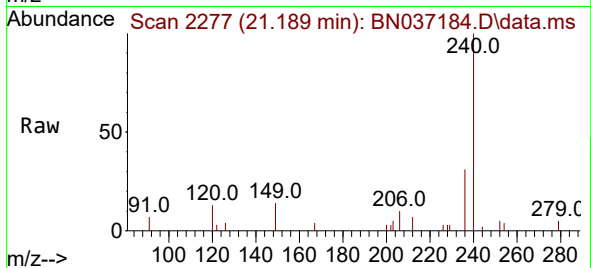
Tgt Ion:240 Resp: 2954

Ion Ratio Lower Upper

240 100

120 12.6 9.0 13.4

236 30.7 23.0 34.4



#31

Terphenyl-d14

Concen: 0.194 ng

RT: 19.630 min Scan# 2064

Delta R.T. -0.005 min

Lab File: BN037184.D

Acq: 05 Jun 2025 17:33

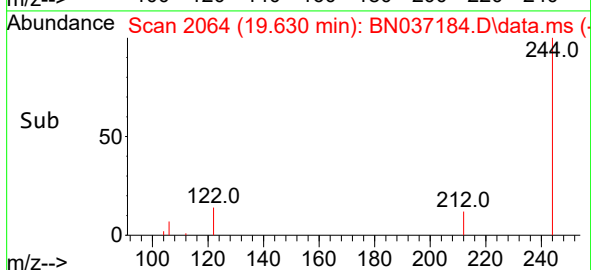
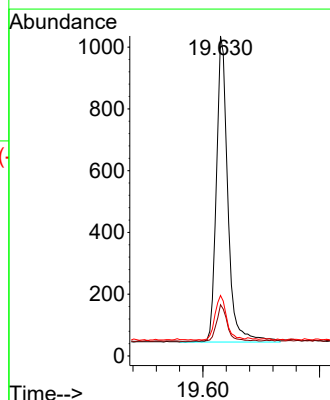
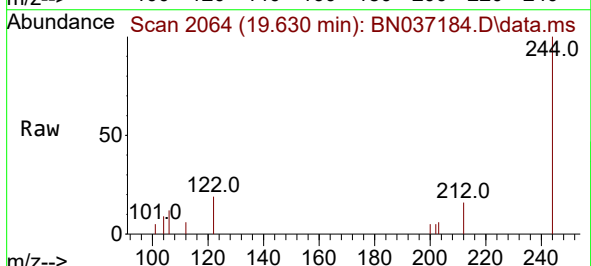
Tgt Ion:244 Resp: 1348

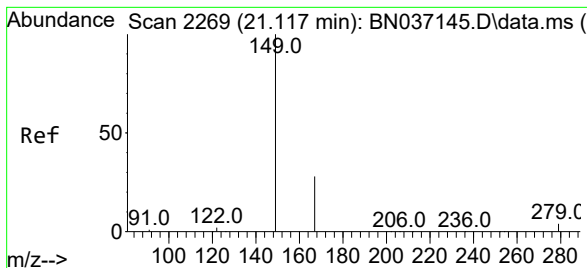
Ion Ratio Lower Upper

244 100

212 16.0 10.0 15.0#

122 18.9 13.2 19.8

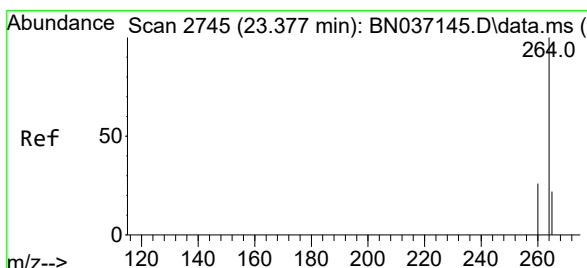
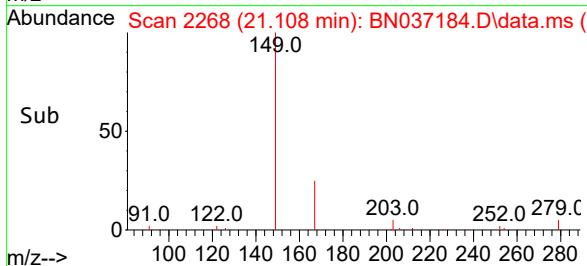
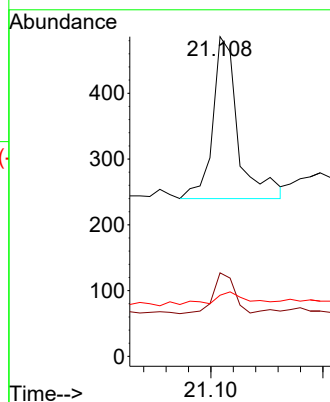
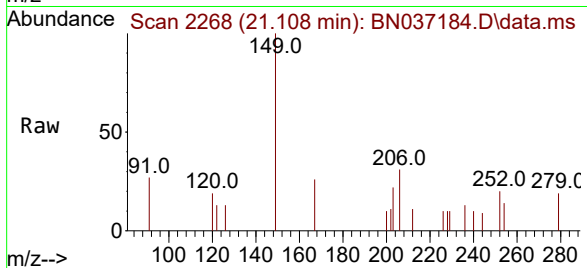




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.057 ng
 RT: 21.108 min Scan# 21108
 Delta R.T. -0.009 min
 Lab File: BN037184.D
 Acq: 05 Jun 2025 17:33

Instrument :
 BNA_N
 ClientSampleId :
 RMW-03B-90-060325DL

Tgt Ion:149 Resp: 386
 Ion Ratio Lower Upper
 149 100
 167 21.5 21.0 31.4
 279 9.6 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.377 min Scan# 2745
 Delta R.T. 0.000 min
 Lab File: BN037184.D
 Acq: 05 Jun 2025 17:33

Tgt Ion:264 Resp: 2771
 Ion Ratio Lower Upper
 264 100
 260 27.9 22.1 33.1
 265 71.2 55.8 83.8

