

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061625\
 Data File : BN037285.D
 Acq On : 16 Jun 2025 11:03
 Operator : RC/JU
 Sample : PB168391BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168391BL

Quant Time: Jun 16 11:30:02 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	7.575	152	1364	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	3158	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1701	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	3058	0.400	ng	0.00
29) Chrysene-d12	21.180	240	2258	0.400	ng	0.00
35) Perylene-d12	23.365	264	2253	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	1300	0.388	ng	0.00
5) Phenol-d6	6.759	99	1157	0.328	ng	0.00
8) Nitrobenzene-d5	8.739	82	987	0.316	ng	0.01
11) 2-Methylnaphthalene-d10	11.955	152	1507	0.356	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	163	0.231	ng	0.00
15) 2-Fluorobiphenyl	12.848	172	2503	0.350	ng	0.00
27) Fluoranthene-d10	19.012	212	2939	0.367	ng	0.00
31) Terphenyl-d14	19.621	244	2087	0.409	ng	0.00

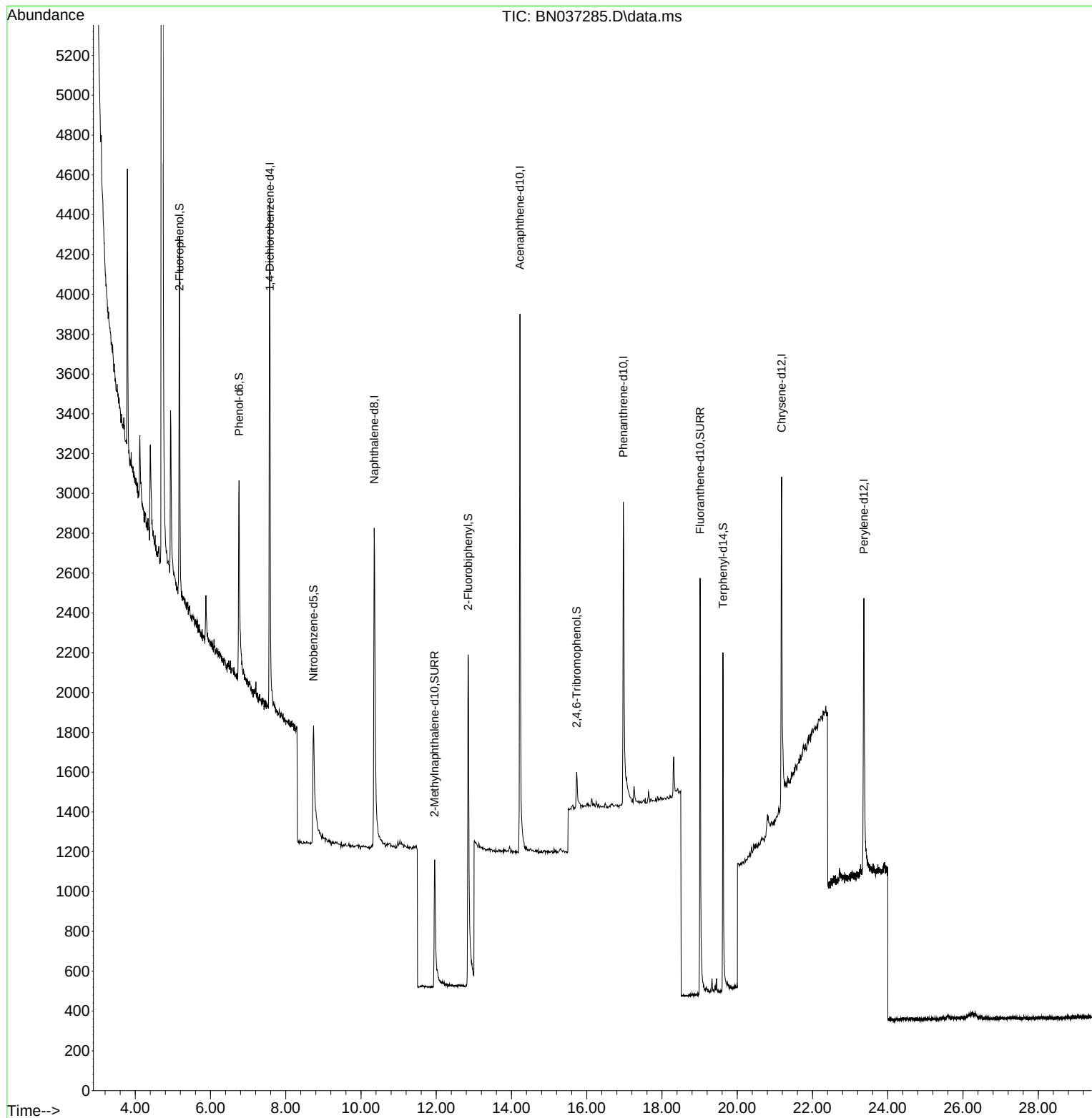
Target Compounds Qvalue

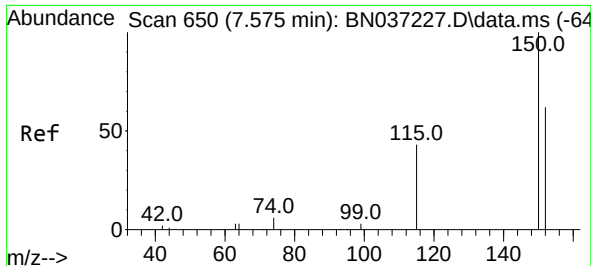
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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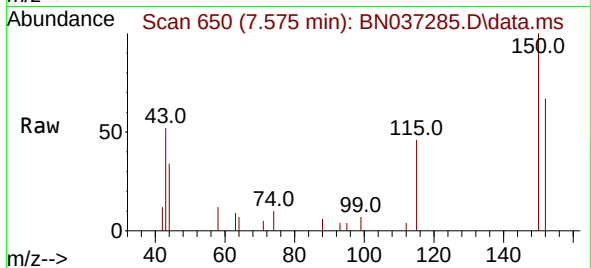
Quant Time: Jun 16 11:30:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
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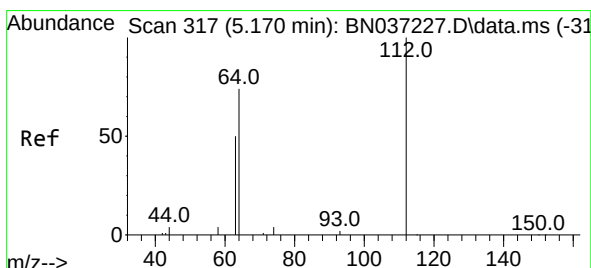
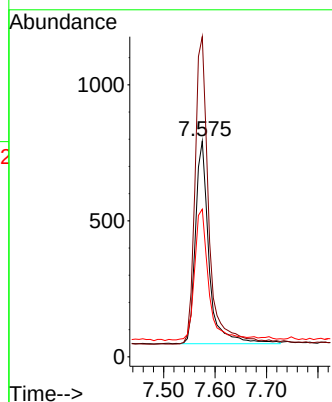
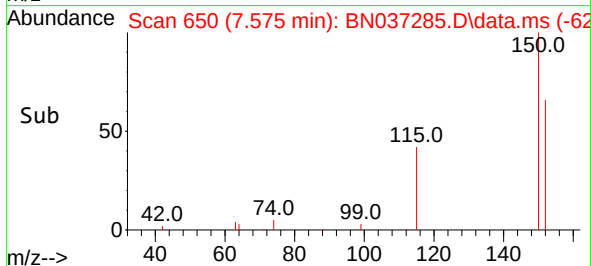


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037285.D
 Acq: 16 Jun 2025 11:03

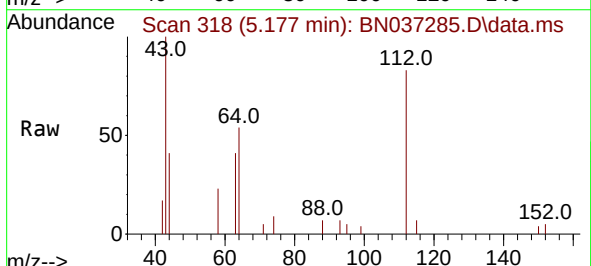
Instrument :
 BNA_N
 ClientSampleId :
 PB168391BL



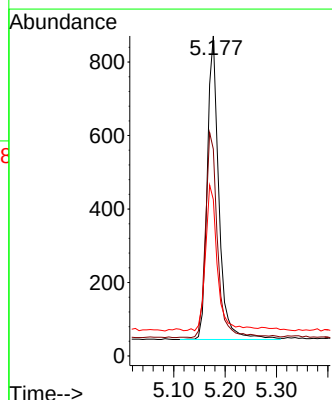
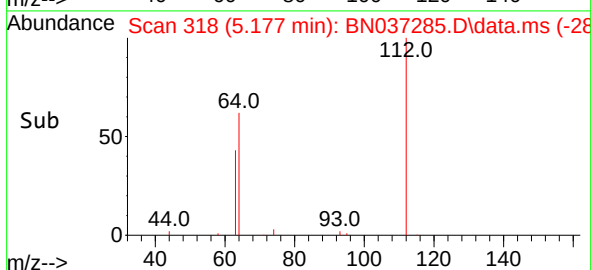
Tgt Ion:152 Resp: 1364
 Ion Ratio Lower Upper
 152 100
 150 148.4 125.2 187.8
 115 68.5 58.4 87.6

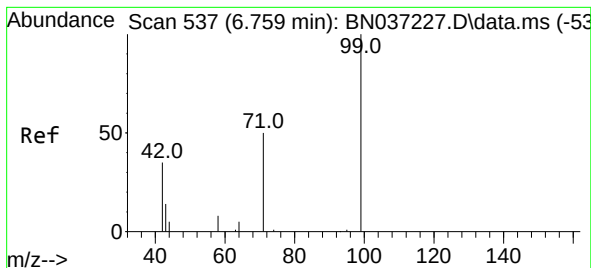


#4
 2-Fluorophenol
 Concen: 0.388 ng
 RT: 5.177 min Scan# 318
 Delta R.T. 0.007 min
 Lab File: BN037285.D
 Acq: 16 Jun 2025 11:03



Tgt Ion:112 Resp: 1300
 Ion Ratio Lower Upper
 112 100
 64 70.3 57.2 85.8
 63 49.1 39.8 59.6





#5

Phenol-d6

Concen: 0.328 ng

RT: 6.759 min Scan# 51

Delta R.T. 0.000 min

Lab File: BN037285.D

Acq: 16 Jun 2025 11:03

Instrument :

BNA_N

ClientSampleId :

PB168391BL

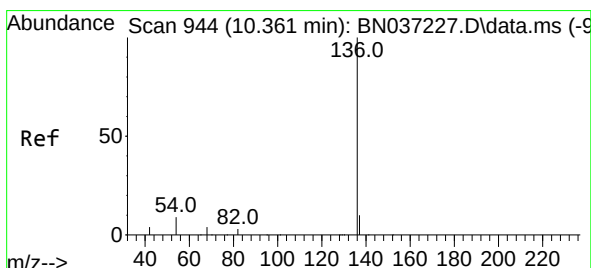
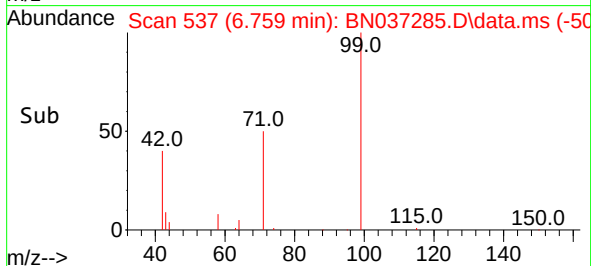
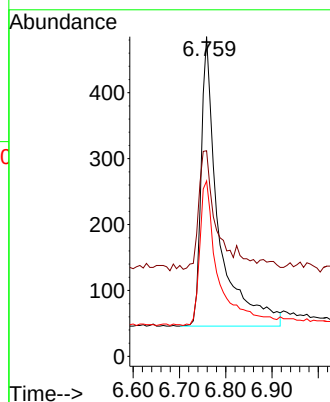
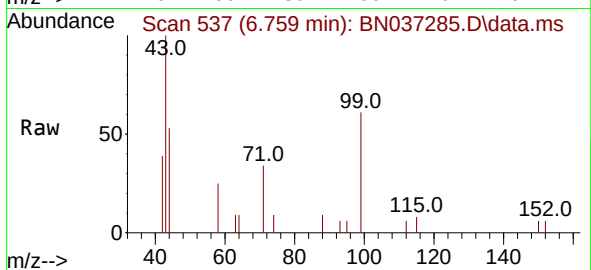
Tgt Ion: 99 Resp: 1157

Ion Ratio Lower Upper

99 100

42 37.3 36.2 54.4

71 53.1 42.4 63.6



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.351 min Scan# 943

Delta R.T. -0.011 min

Lab File: BN037285.D

Acq: 16 Jun 2025 11:03

Tgt Ion: 136 Resp: 3158

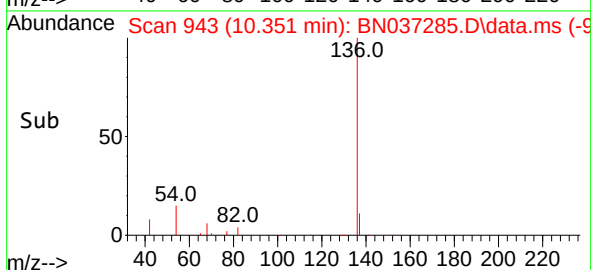
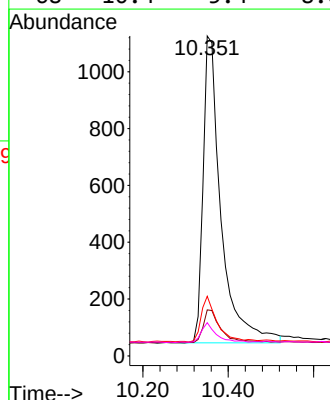
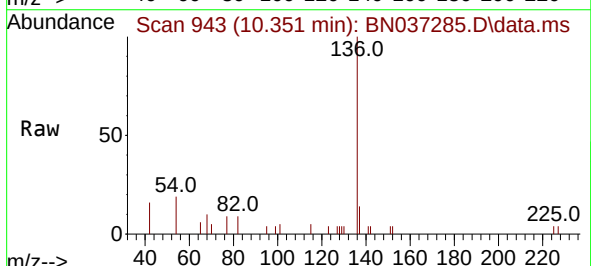
Ion Ratio Lower Upper

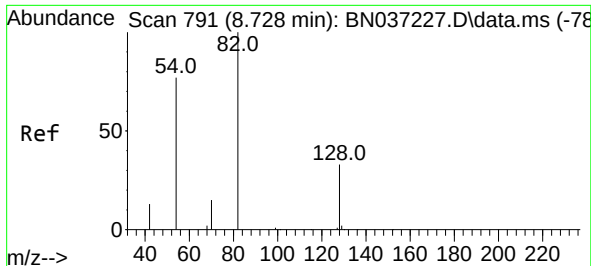
136 100

137 14.4 10.6 15.8

54 18.7 9.2 13.8#

68 10.4 5.4 8.0#

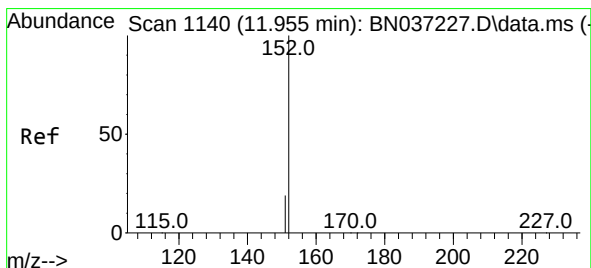
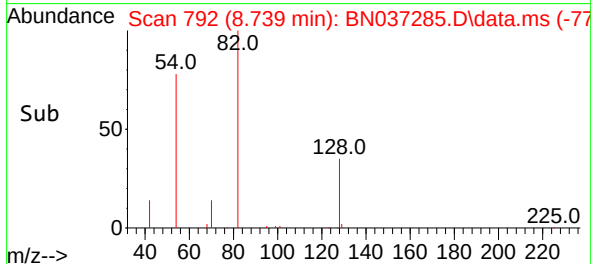
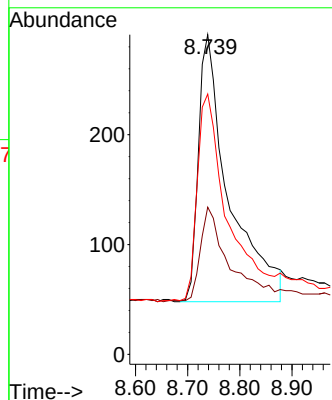
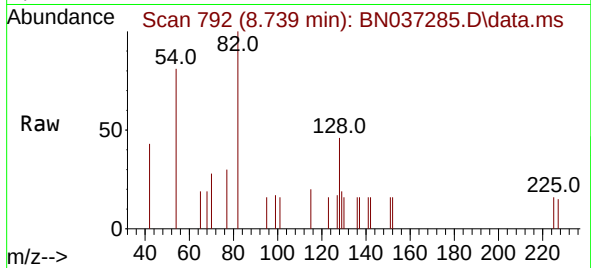




#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 8.739 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN037285.D
Acq: 16 Jun 2025 11:03

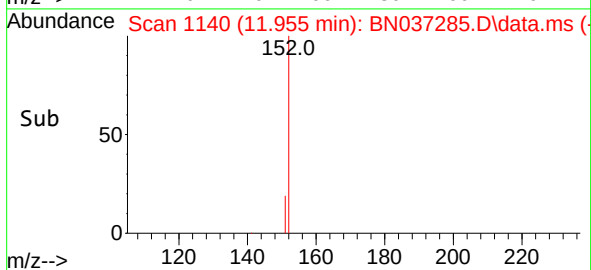
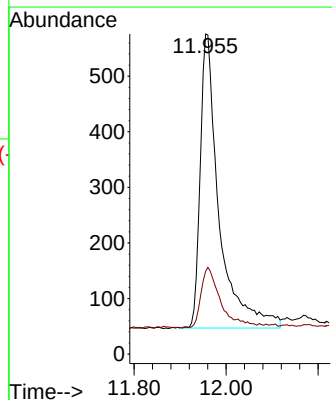
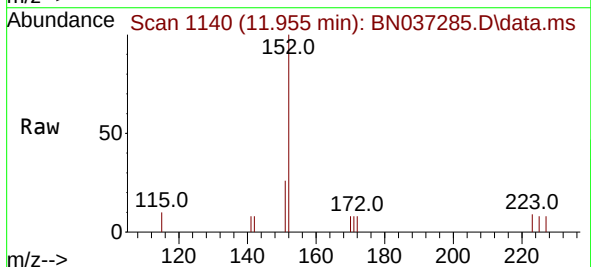
Instrument :
BNA_N
ClientSampleId :
PB168391BL

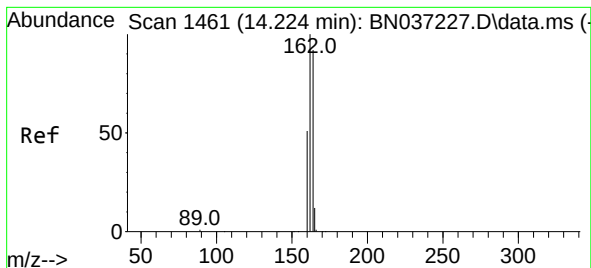
Tgt Ion: 82 Resp: 987
Ion Ratio Lower Upper
82 100
128 46.0 31.2 46.8
54 81.4 63.3 94.9



#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 11.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BN037285.D
Acq: 16 Jun 2025 11:03

Tgt Ion: 152 Resp: 1507
Ion Ratio Lower Upper
152 100
151 21.6 17.9 26.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.224 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BN037285.D

Acq: 16 Jun 2025 11:03

Instrument :

BNA_N

ClientSampleId :

PB168391BL

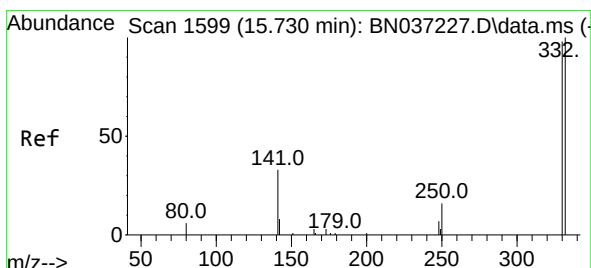
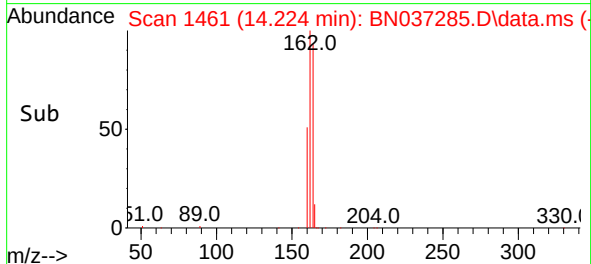
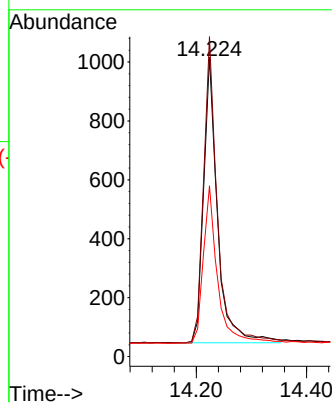
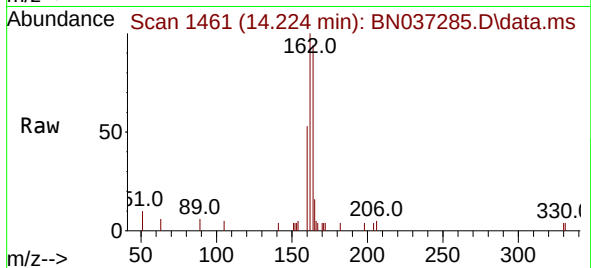
Tgt Ion:164 Resp: 1701

Ion Ratio Lower Upper

164 100

162 106.8 86.7 130.1

160 57.0 45.8 68.6



#14

2,4,6-Tribromophenol

Concen: 0.231 ng

RT: 15.730 min Scan# 1599

Delta R.T. 0.000 min

Lab File: BN037285.D

Acq: 16 Jun 2025 11:03

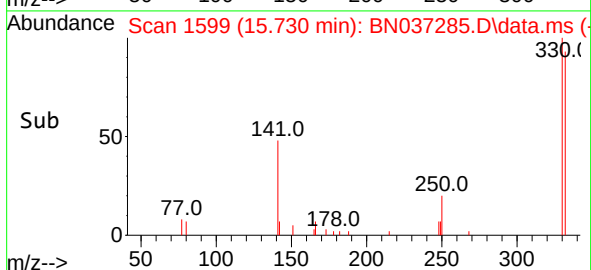
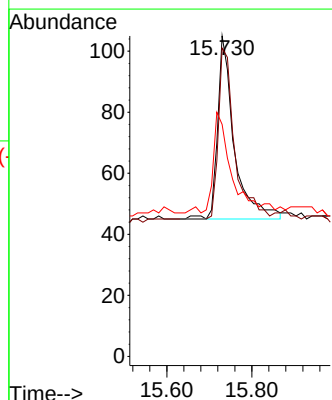
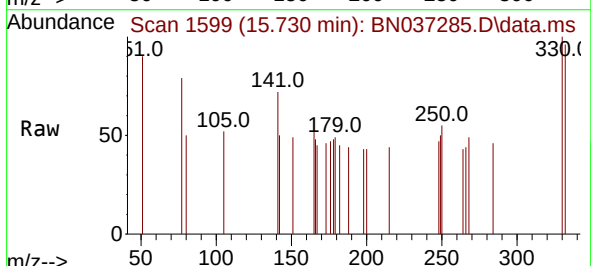
Tgt Ion:330 Resp: 163

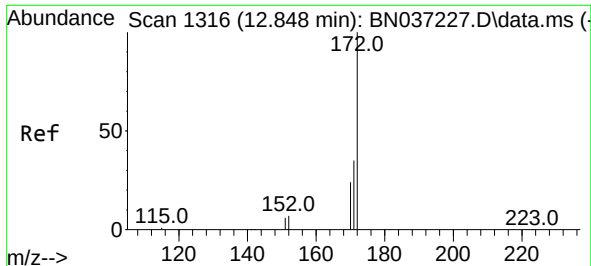
Ion Ratio Lower Upper

330 100

332 91.4 74.9 112.3

141 62.6 45.1 67.7

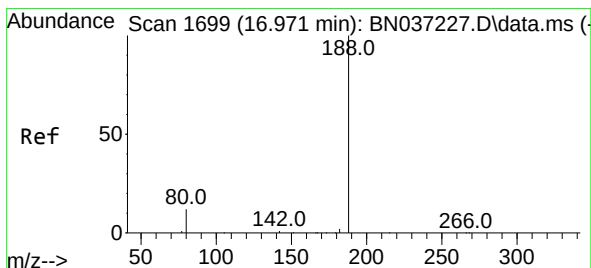
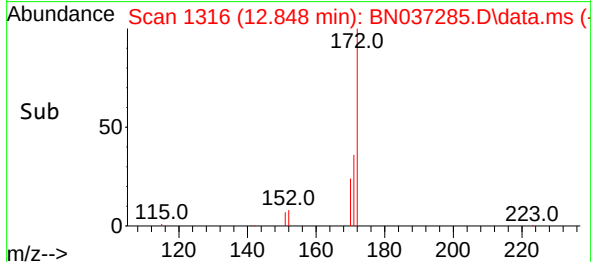
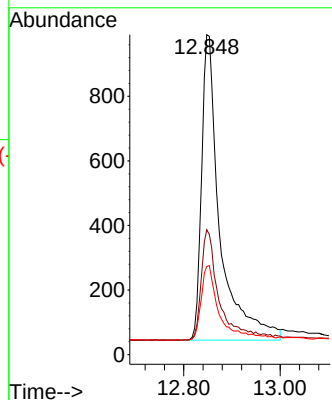
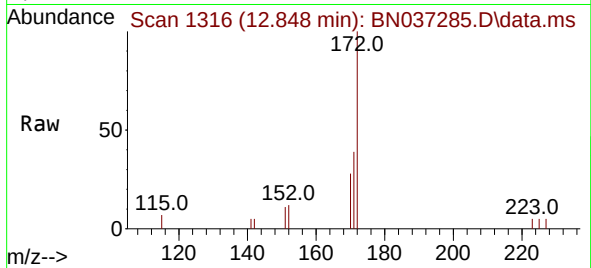




#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 12.848 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037285.D
Acq: 16 Jun 2025 11:03

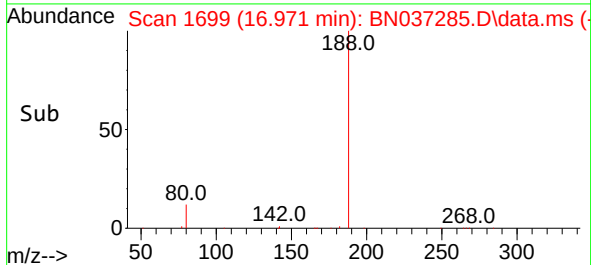
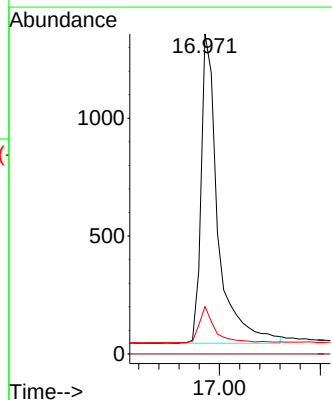
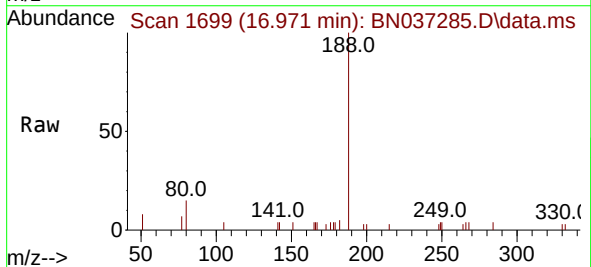
Instrument :
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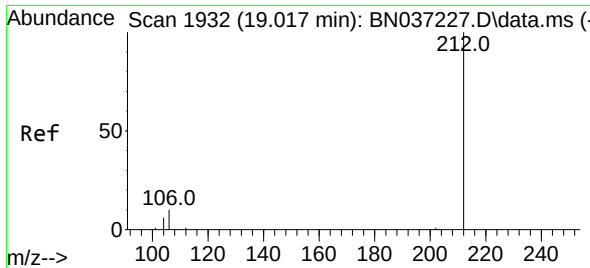
Tgt Ion:172 Resp: 2503
Ion Ratio Lower Upper
172 100
171 39.1 29.8 44.8
170 27.5 21.1 31.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN037285.D
Acq: 16 Jun 2025 11:03

Tgt Ion:188 Resp: 3058
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 12.2 18.4

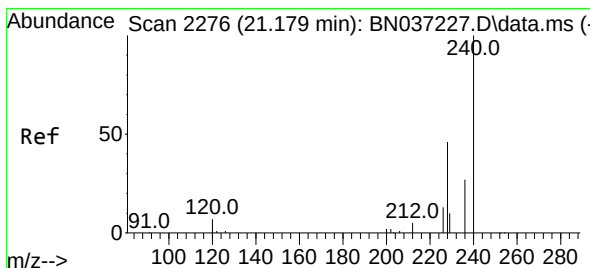
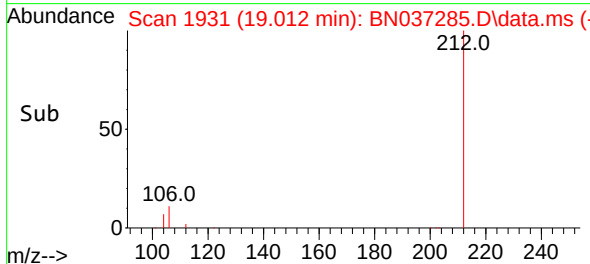
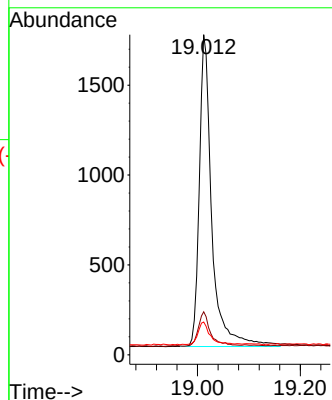
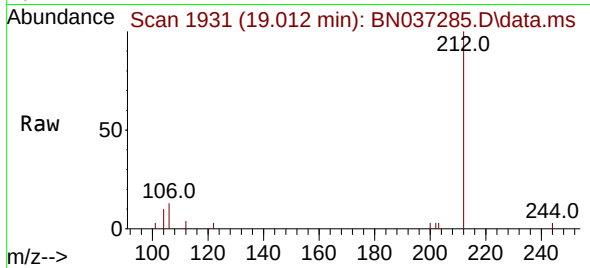




#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.012 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BN037285.D
Acq: 16 Jun 2025 11:03

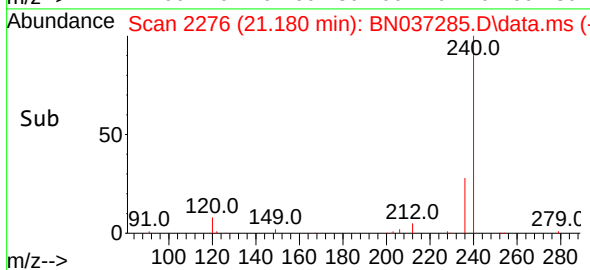
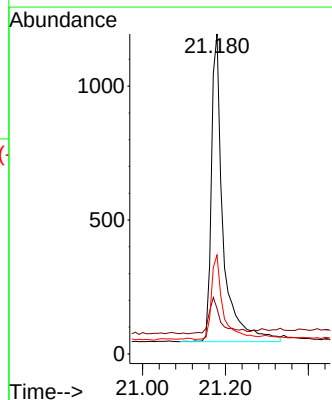
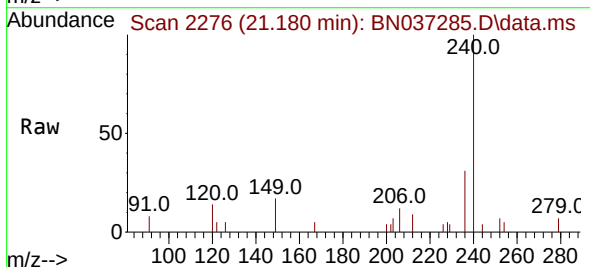
Instrument :
BNA_N
ClientSampleId :
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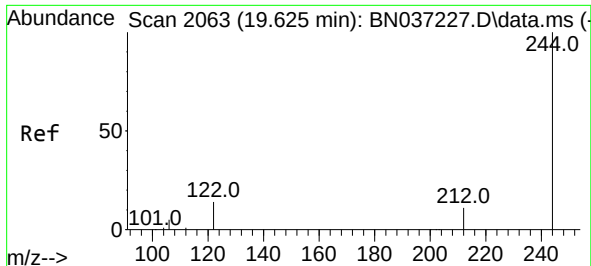
Tgt Ion:212 Resp: 2939
Ion Ratio Lower Upper
212 100
106 10.6 9.3 13.9
104 6.8 5.7 8.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BN037285.D
Acq: 16 Jun 2025 11:03

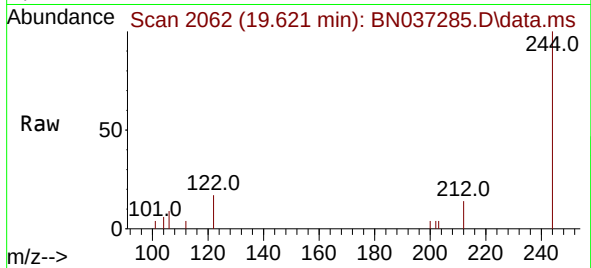
Tgt Ion:240 Resp: 2258
Ion Ratio Lower Upper
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120 14.2 11.3 16.9
236 30.9 24.4 36.6



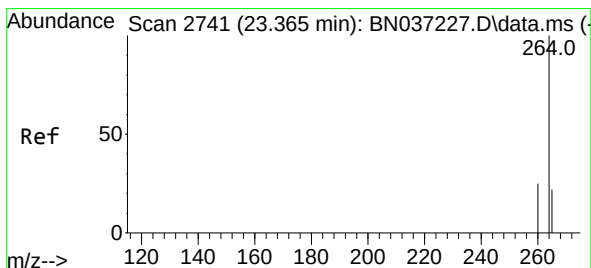
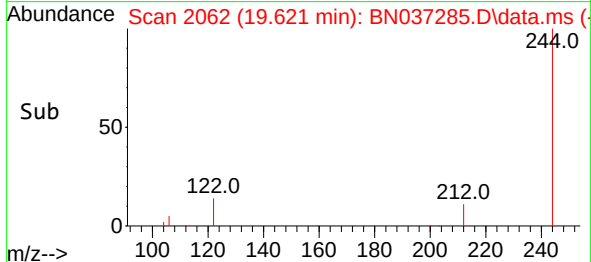
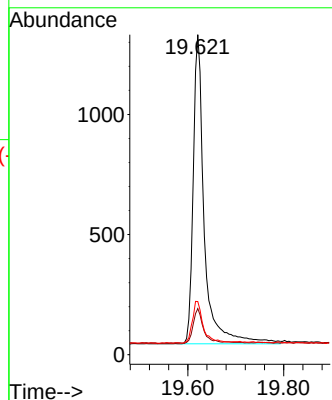


#31
 Terphenyl-d14
 Concen: 0.409 ng
 RT: 19.621 min Scan# 2063
 Delta R.T. -0.005 min
 Lab File: BN037285.D
 Acq: 16 Jun 2025 11:03

Instrument :
 BNA_N
 ClientSampleId :
 PB168391BL



Tgt Ion:244 Resp: 2087
 Ion Ratio Lower Upper
 244 100
 212 14.4 12.2 18.2
 122 16.6 14.3 21.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.365 min Scan# 2741
 Delta R.T. 0.000 min
 Lab File: BN037285.D
 Acq: 16 Jun 2025 11:03

Tgt Ion:264 Resp: 2253
 Ion Ratio Lower Upper
 264 100
 260 29.1 22.8 34.2
 265 75.0 66.4 99.6

