

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
 Data File : BN037332.D
 Acq On : 19 Jun 2025 02:53
 Operator : RC/JU
 Sample : Q2329-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 19 04:05:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 18 18:40:16 2025
 Response via : Initial Calibration

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

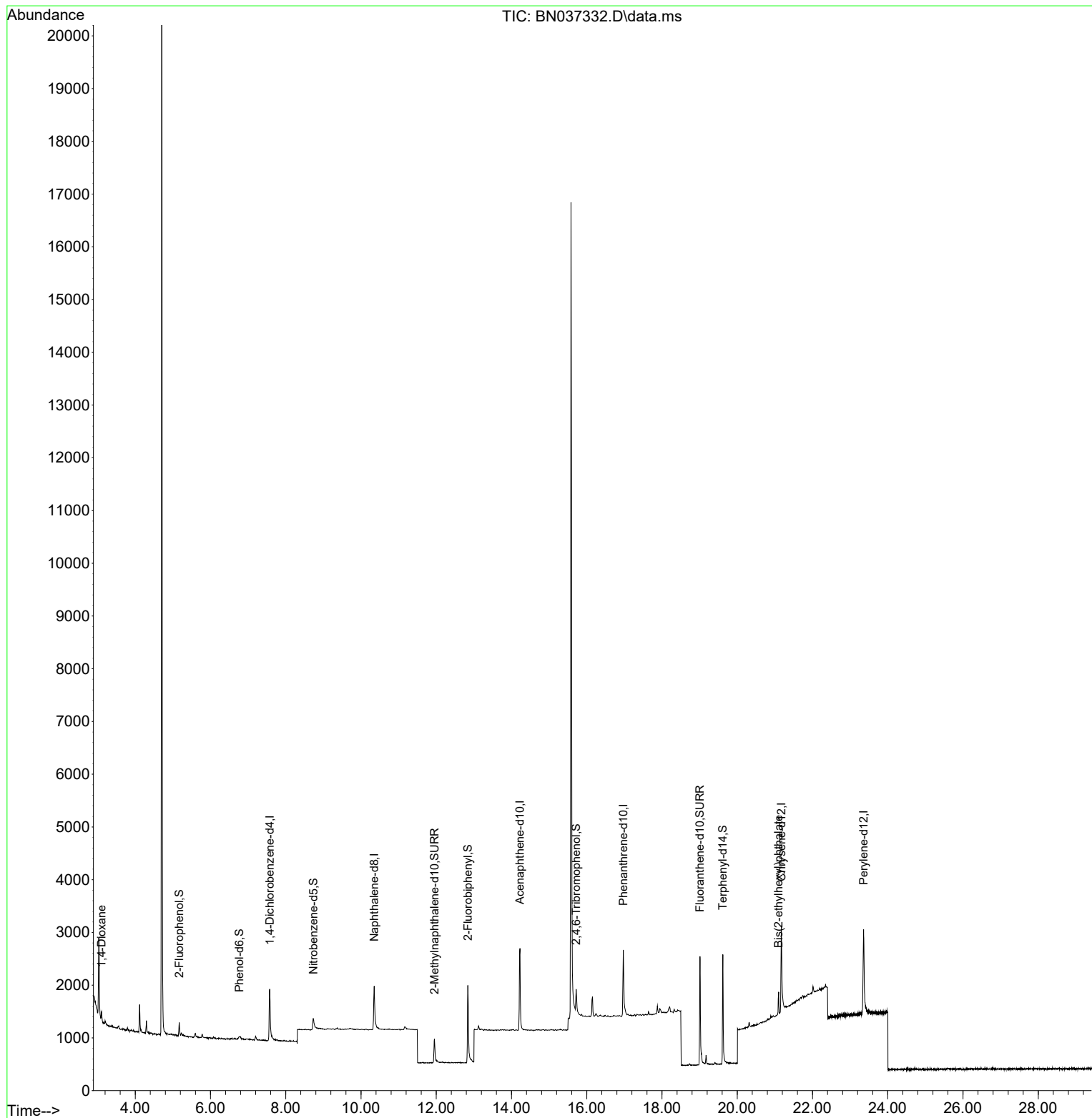
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	715	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	1482	0.400	ng	0.00
13) Acenaphthene-d10	14.224	164	1103	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2287	0.400	ng	0.00
29) Chrysene-d12	21.171	240	2301	0.400	ng	0.00
35) Perylene-d12	23.357	264	2452	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	188	0.145	ng	0.00
5) Phenol-d6	6.766	99	77	0.060	ng	0.00
8) Nitrobenzene-d5	8.739	82	375	0.304	ng	0.01
11) 2-Methylnaphthalene-d10	11.950	152	859	0.356	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	320	0.393	ng	0.00
15) 2-Fluorobiphenyl	12.843	172	1734	0.359	ng	0.00
27) Fluoranthene-d10	19.007	212	3149	0.434	ng	0.00
31) Terphenyl-d14	19.616	244	2635	0.499	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.104	88	130	0.204	ng	Qvalue # 22
34) Bis(2-ethylhexyl)phtha...	21.099	149	421	0.139	ng	99

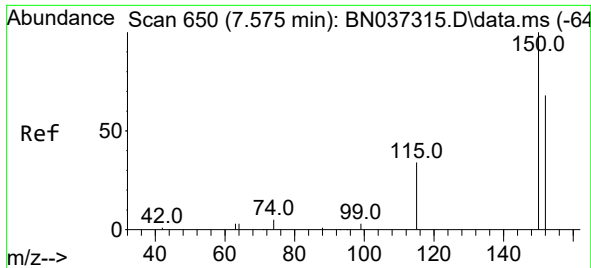
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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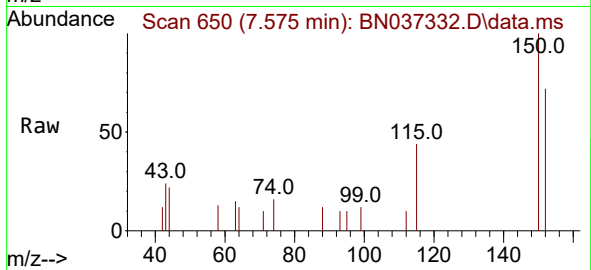
Quant Time: Jun 19 04:05:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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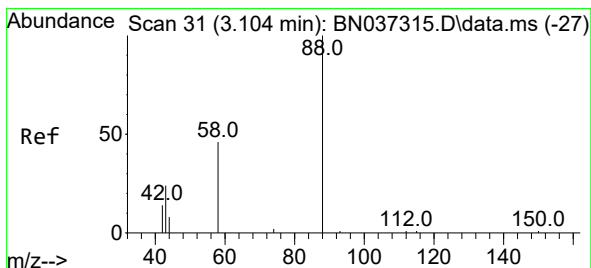
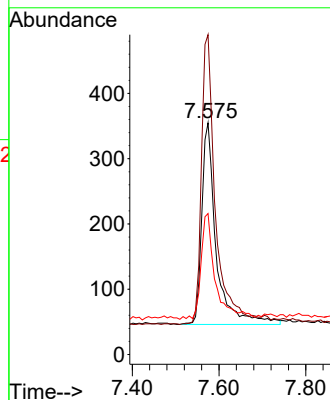
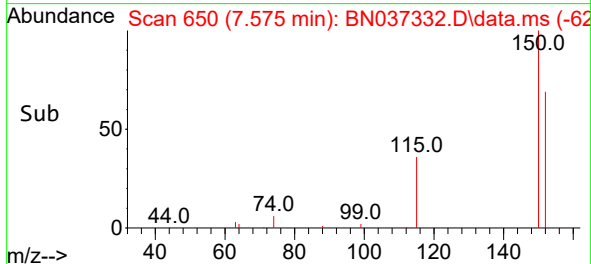


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037332.D
 Acq: 19 Jun 2025 02:53

Instrument :
 BNA_N
 ClientSampleId :

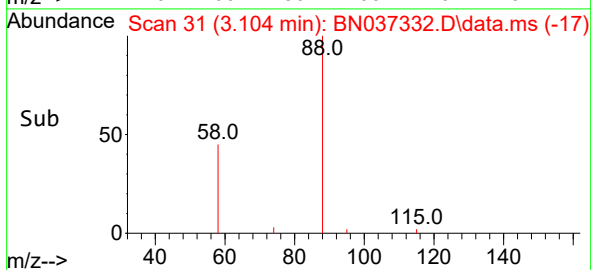
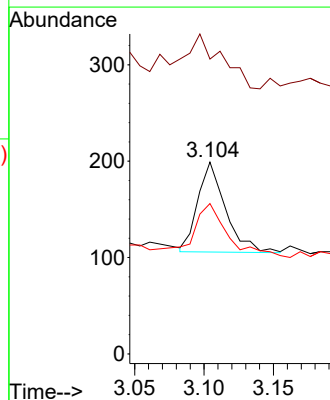
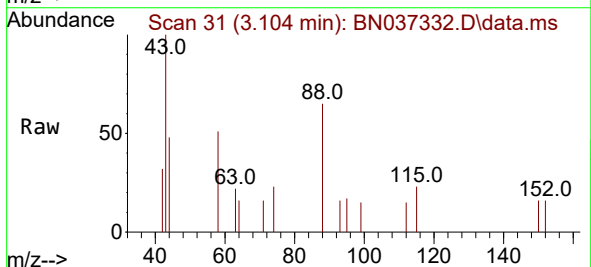


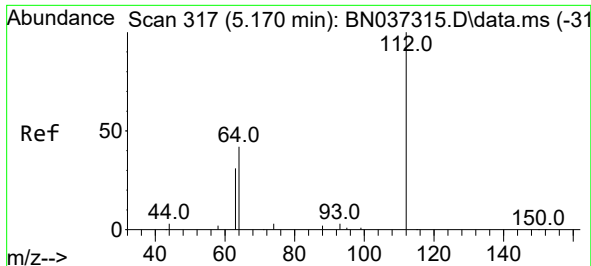
Tgt Ion:152 Resp: 715
 Ion Ratio Lower Upper
 152 100
 150 138.0 112.7 169.1
 115 60.8 45.9 68.9



#2
 1,4-Dioxane
 Concen: 0.204 ng
 RT: 3.104 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN037332.D
 Acq: 19 Jun 2025 02:53

Tgt Ion: 88 Resp: 130
 Ion Ratio Lower Upper
 88 100
 43 100.0 21.0 31.6#
 58 75.4 38.0 57.0#

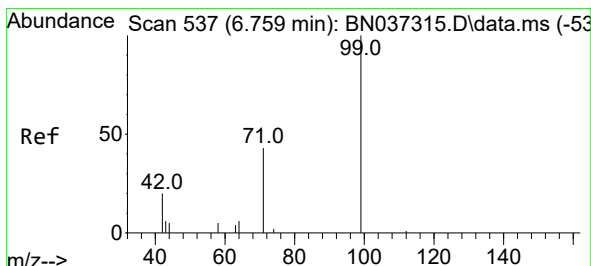
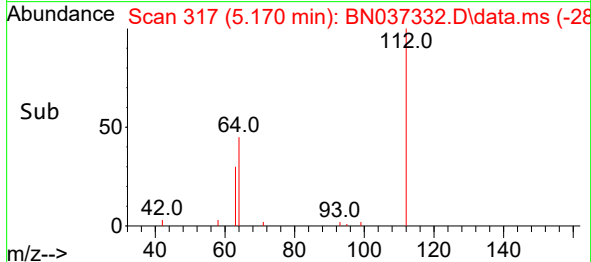
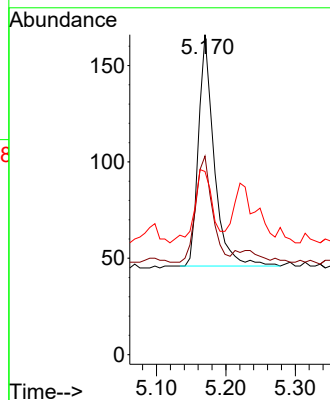
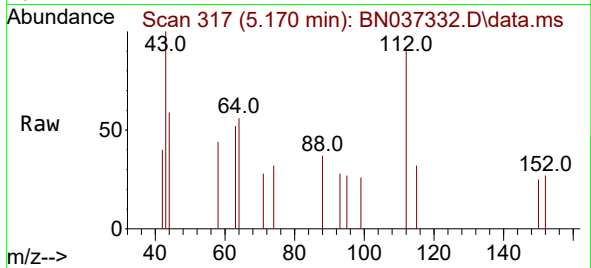




#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.170 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037332.D
Acq: 19 Jun 2025 02:53

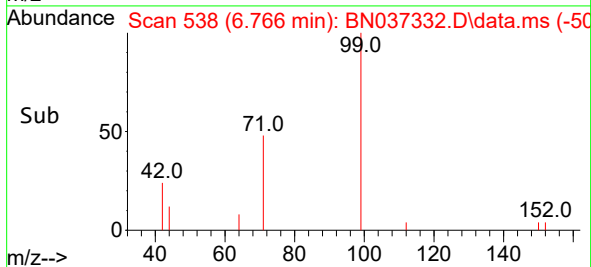
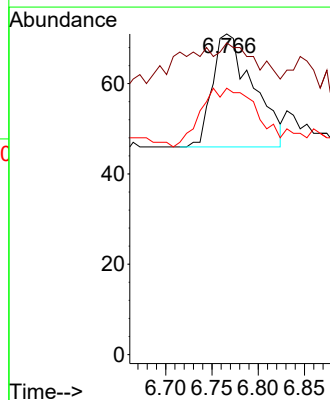
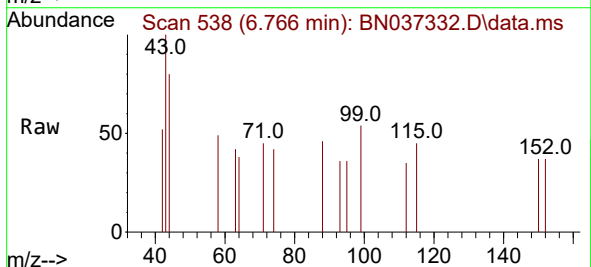
Instrument :
BNA_N
ClientSampleId :

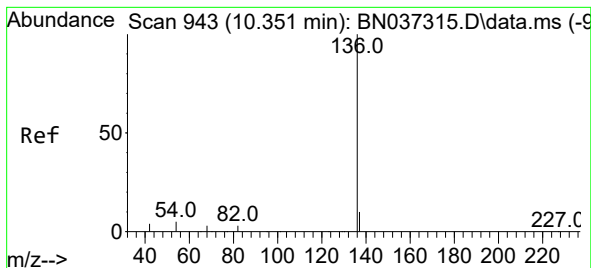
Tgt Ion:112 Resp: 188
Ion Ratio Lower Upper
112 100
64 50.5 38.7 58.1
63 35.1 26.4 39.6



#5
Phenol-d6
Concen: 0.060 ng
RT: 6.766 min Scan# 538
Delta R.T. 0.007 min
Lab File: BN037332.D
Acq: 19 Jun 2025 02:53

Tgt Ion: 99 Resp: 77
Ion Ratio Lower Upper
99 100
42 22.1 19.8 29.8
71 70.1 42.6 64.0#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.351 min Scan# 94

Delta R.T. -0.000 min

Lab File: BN037332.D

Acq: 19 Jun 2025 02:53

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:136 Resp: 1482

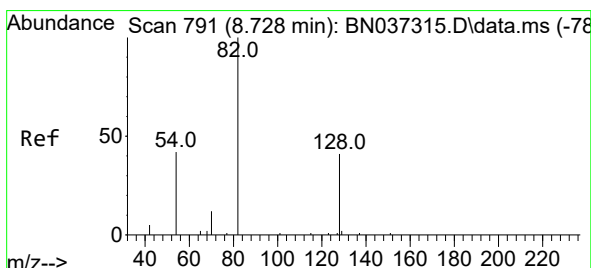
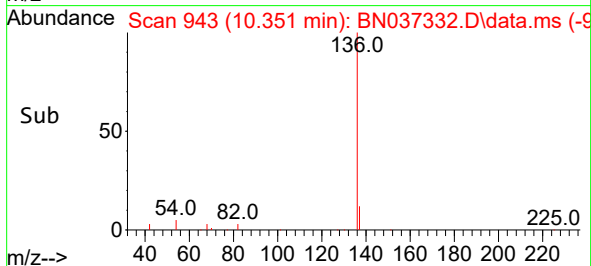
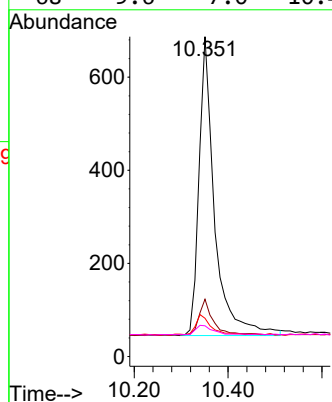
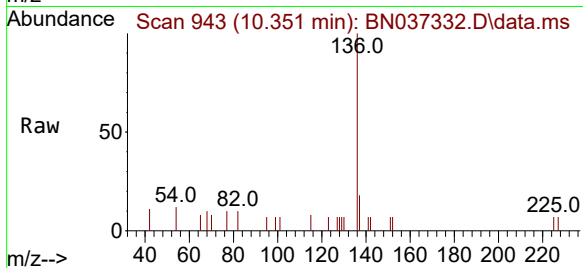
Ion Ratio Lower Upper

136 100

137 17.9 12.2 18.2

54 11.9 8.8 13.2

68 9.6 7.0 10.4



#8

Nitrobenzene-d5

Concen: 0.304 ng

RT: 8.739 min Scan# 792

Delta R.T. 0.010 min

Lab File: BN037332.D

Acq: 19 Jun 2025 02:53

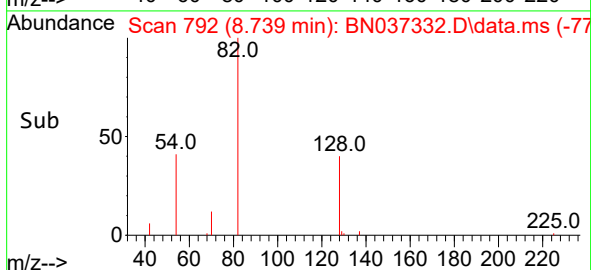
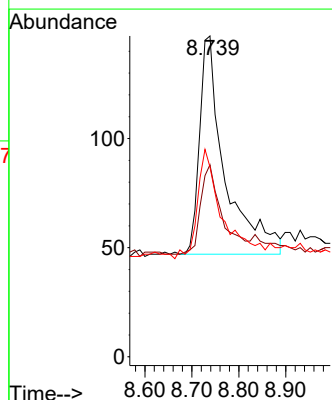
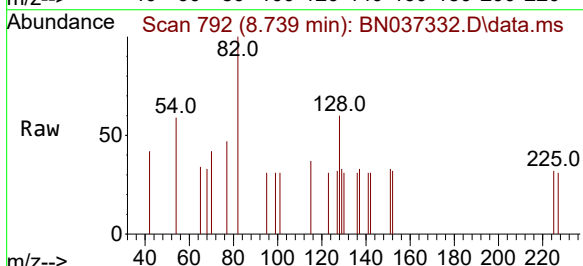
Tgt Ion: 82 Resp: 375

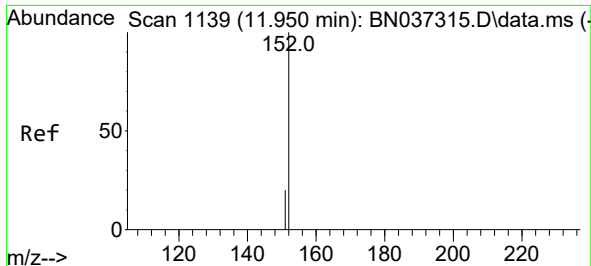
Ion Ratio Lower Upper

82 100

128 59.9 42.5 63.7

54 59.2 43.2 64.8

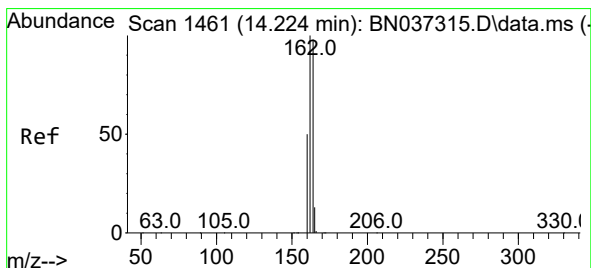
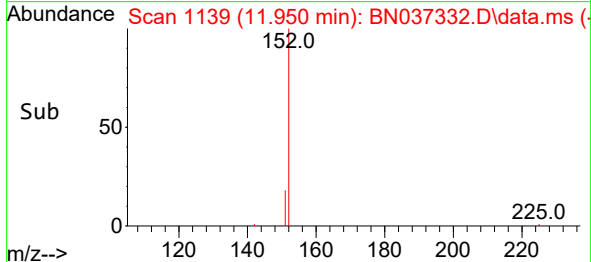
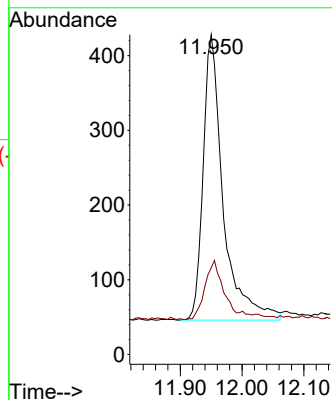
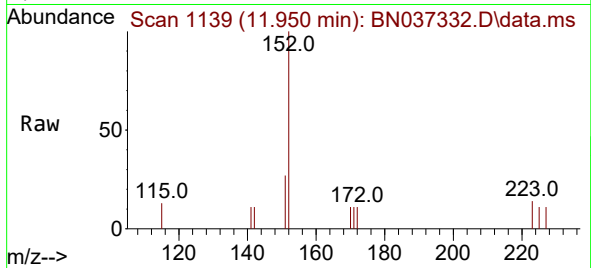




#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 11.950 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BN037332.D
Acq: 19 Jun 2025 02:53

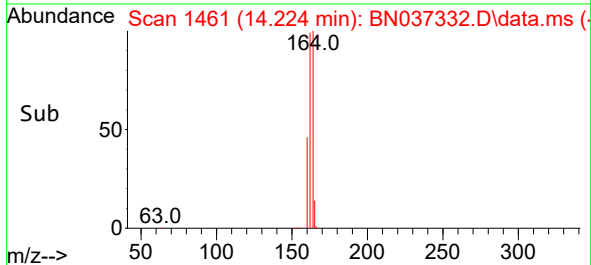
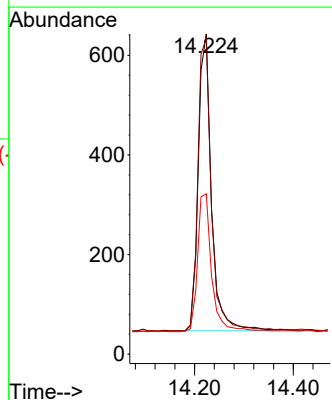
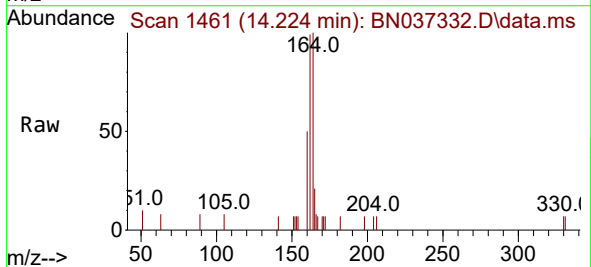
Instrument :
BNA_N
ClientSampleId :

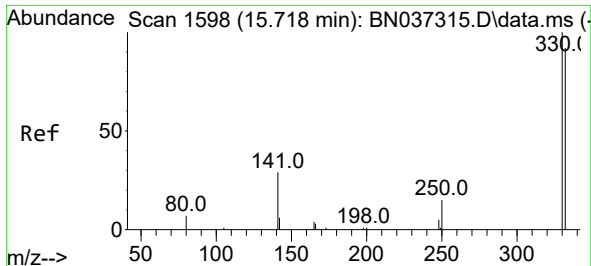
Tgt Ion:152 Resp: 859
Ion Ratio Lower Upper
152 100
151 20.1 17.4 26.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BN037332.D
Acq: 19 Jun 2025 02:53

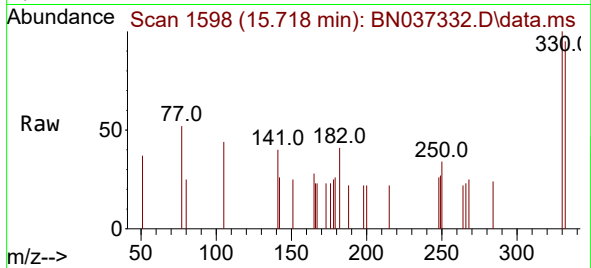
Tgt Ion:164 Resp: 1103
Ion Ratio Lower Upper
164 100
162 98.8 81.5 122.3
160 50.1 43.0 64.4



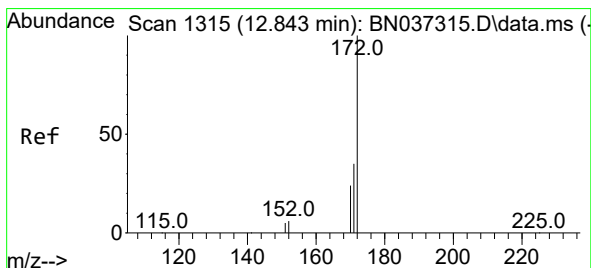
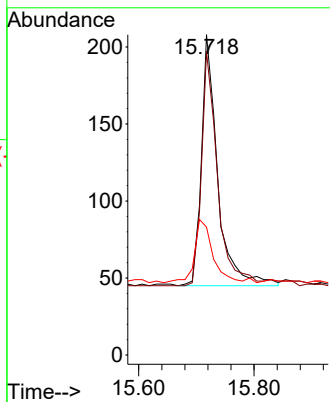
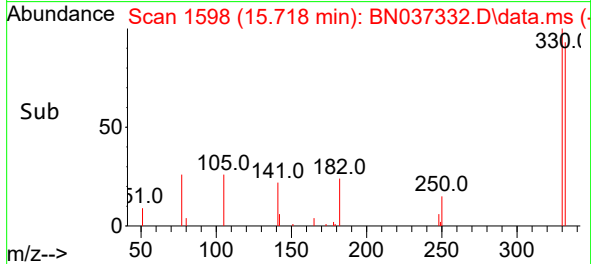


#14
2,4,6-Tribromophenol
Concen: 0.393 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN037332.D
Acq: 19 Jun 2025 02:53

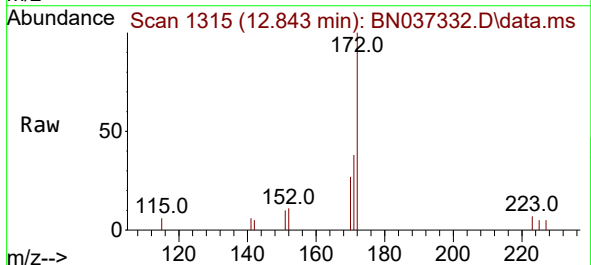
Instrument :
BNA_N
ClientSampleId :



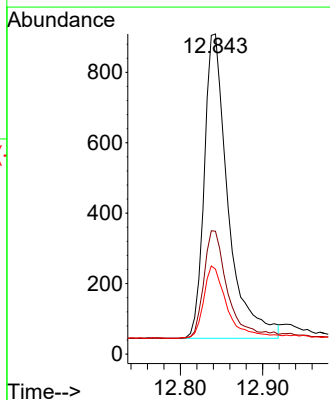
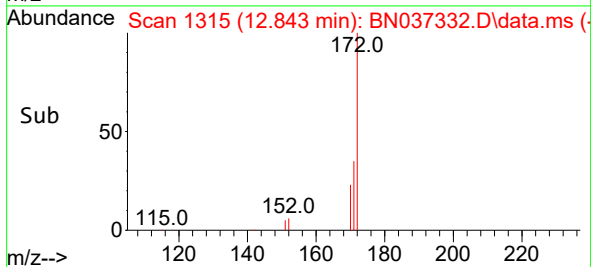
Tgt Ion:330 Resp: 320
Ion Ratio Lower Upper
330 100
332 92.2 78.4 117.6
141 28.7 24.4 36.6

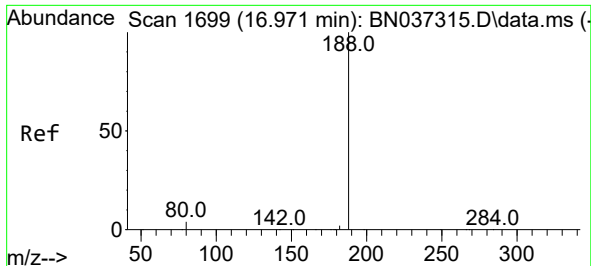


#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 12.843 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BN037332.D
Acq: 19 Jun 2025 02:53



Tgt Ion:172 Resp: 1734
Ion Ratio Lower Upper
172 100
171 38.4 30.8 46.2
170 26.5 21.9 32.9

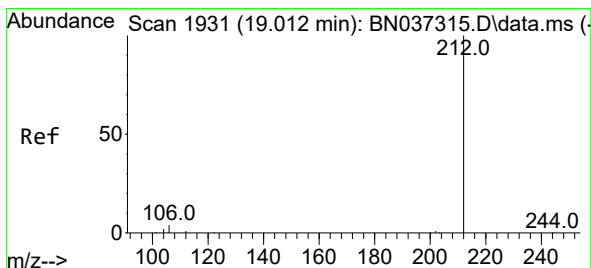
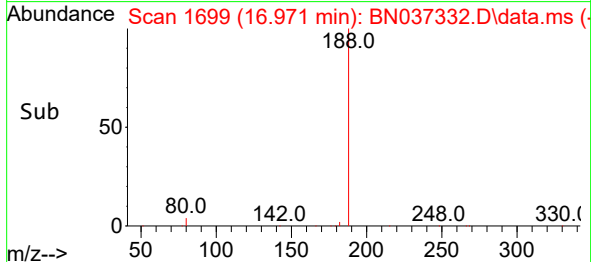
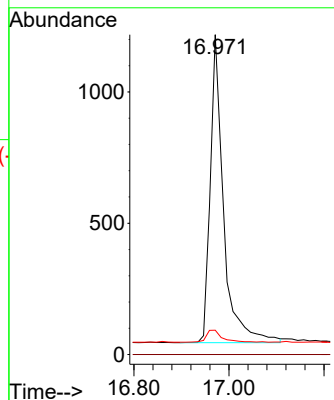
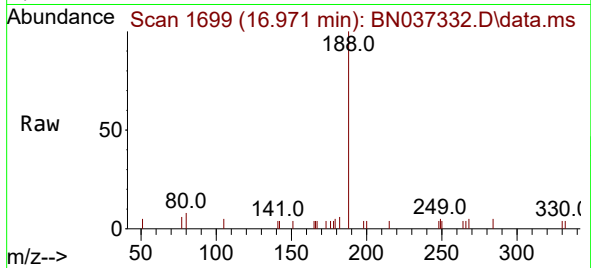




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN037332.D
Acq: 19 Jun 2025 02:53

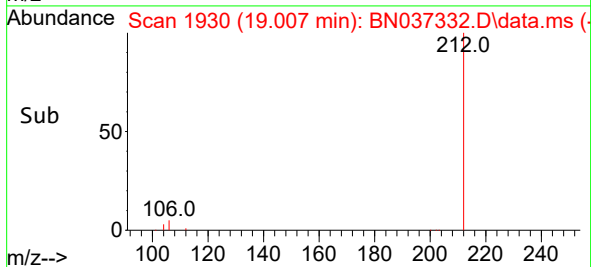
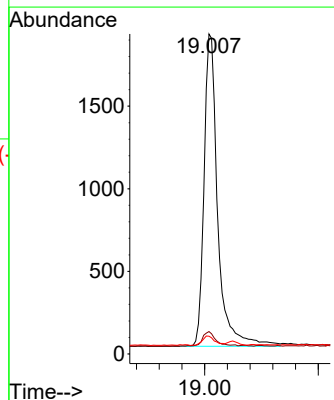
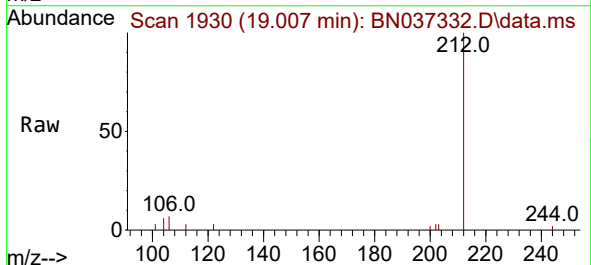
Instrument :
BNA_N
ClientSampleId :

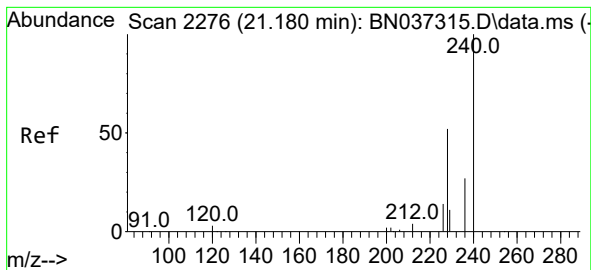
Tgt Ion:188 Resp: 2287
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 6.2 9.2



#27
Fluoranthene-d10
Concen: 0.434 ng
RT: 19.007 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BN037332.D
Acq: 19 Jun 2025 02:53

Tgt Ion:212 Resp: 3149
Ion Ratio Lower Upper
212 100
106 4.4 3.0 4.4
104 2.9 2.0 3.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.171 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037332.D

Acq: 19 Jun 2025 02:53

Instrument :

BNA_N

ClientSampleId :

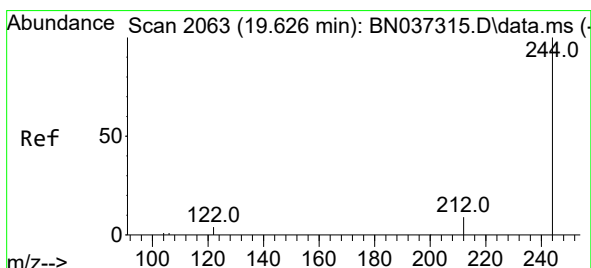
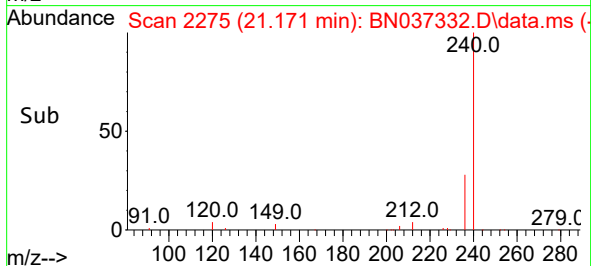
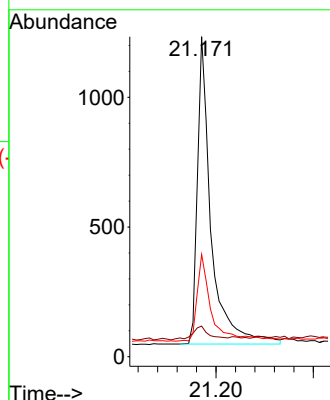
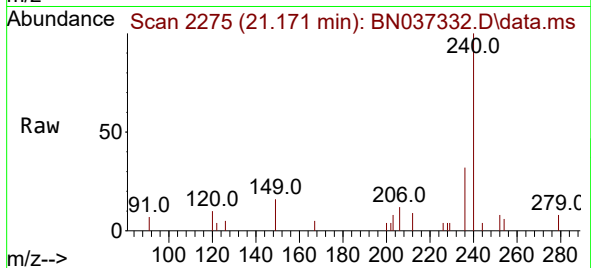
Tgt Ion:240 Resp: 2301

Ion Ratio Lower Upper

240 100

120 9.6 7.5 11.3

236 31.9 24.9 37.3



#31

Terphenyl-d14

Concen: 0.499 ng

RT: 19.616 min Scan# 2061

Delta R.T. -0.010 min

Lab File: BN037332.D

Acq: 19 Jun 2025 02:53

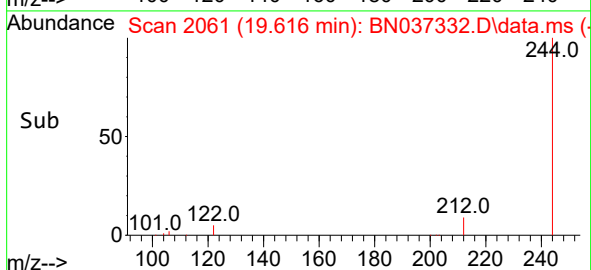
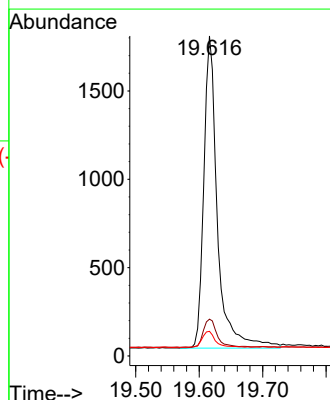
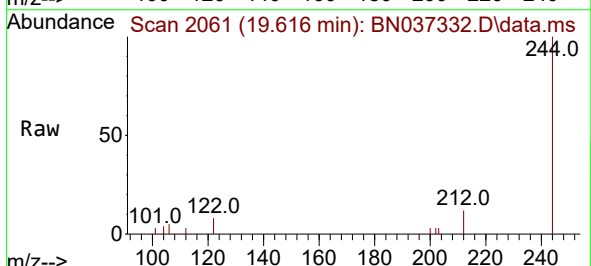
Tgt Ion:244 Resp: 2635

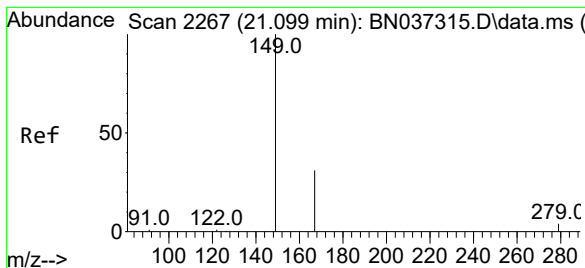
Ion Ratio Lower Upper

244 100

212 11.5 11.1 16.7

122 7.7 7.2 10.8

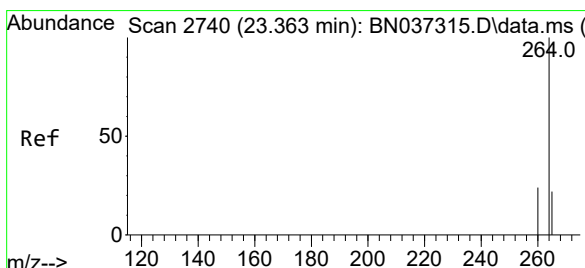
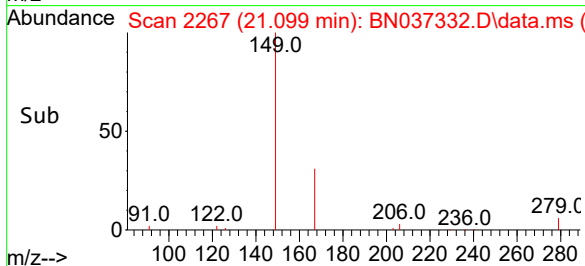
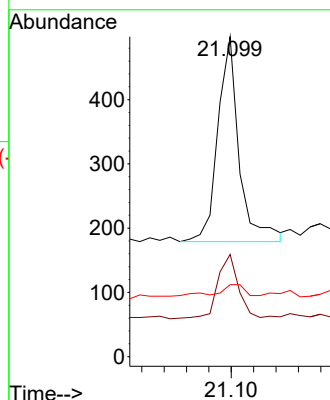
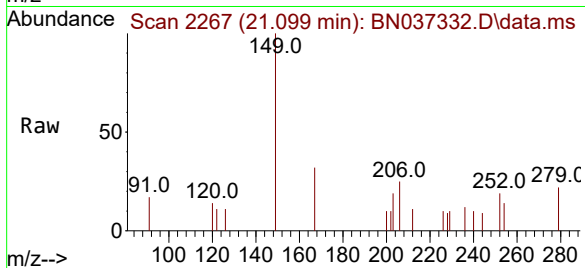




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.139 ng
 RT: 21.099 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN037332.D
 Acq: 19 Jun 2025 02:53

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 421
 Ion Ratio Lower Upper
 149 100
 167 31.4 24.6 37.0
 279 7.1 6.5 9.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.357 min Scan# 2738
 Delta R.T. -0.006 min
 Lab File: BN037332.D
 Acq: 19 Jun 2025 02:53

Tgt Ion:264 Resp: 2452
 Ion Ratio Lower Upper
 264 100
 260 28.2 21.4 32.2
 265 89.3 71.4 107.0

