

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
 Data File : BN037330.D
 Acq On : 19 Jun 2025 01:41
 Operator : RC/JU
 Sample : Q2329-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 19 04:05:23 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)

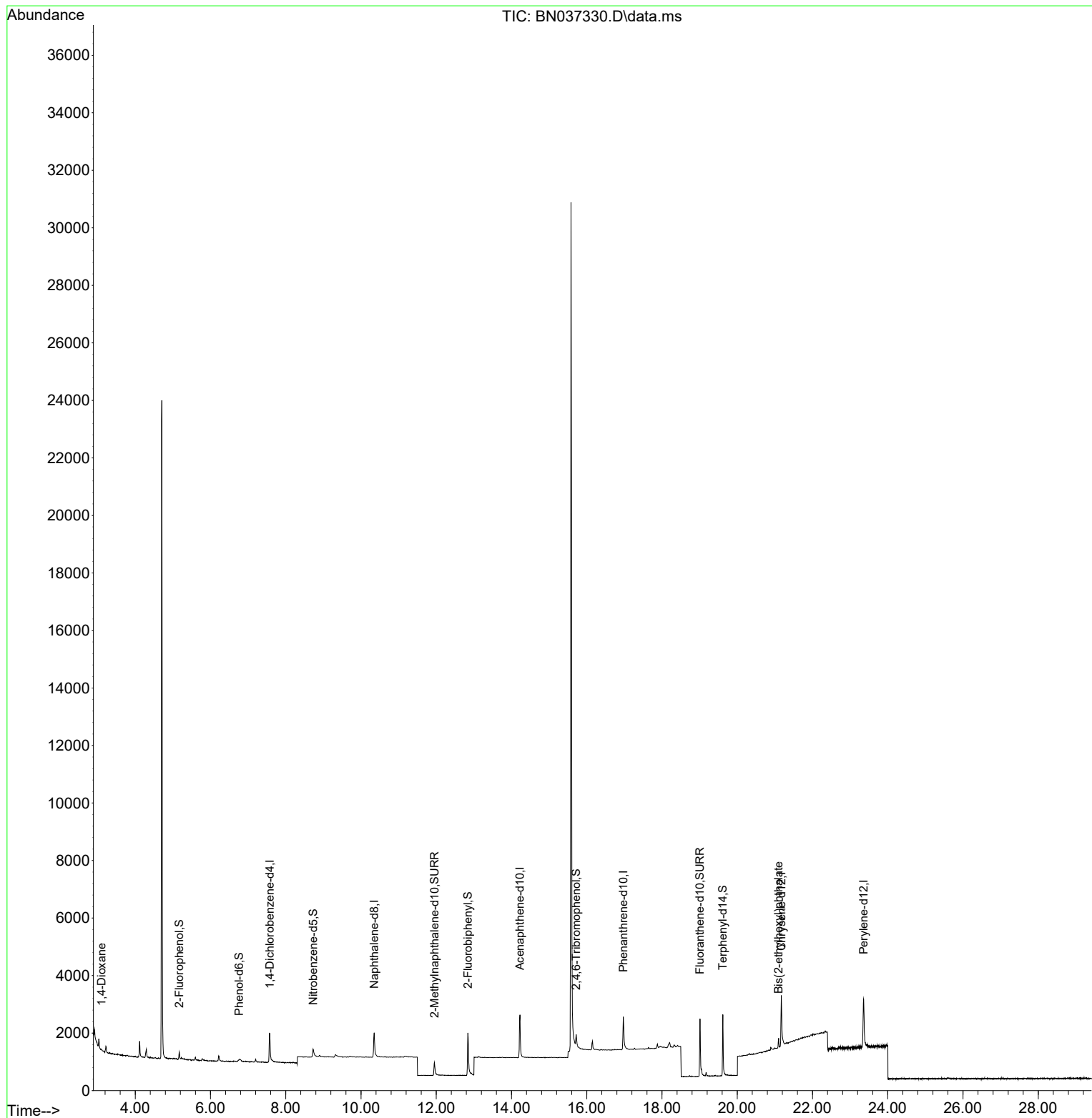
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	676	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	1473	0.400	ng	0.00
13) Acenaphthene-d10	14.224	164	1030	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2192	0.400	ng	0.00
29) Chrysene-d12	21.171	240	2323	0.400	ng	0.00
35) Perylene-d12	23.357	264	2519	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	201	0.164	ng	0.00
5) Phenol-d6	6.759	99	103	0.085	ng	0.00
8) Nitrobenzene-d5	8.728	82	413	0.337	ng	0.00
11) 2-Methylnaphthalene-d10	11.950	152	893	0.373	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	295	0.388	ng	0.00
15) 2-Fluorobiphenyl	12.843	172	1768	0.392	ng	0.00
27) Fluoranthene-d10	19.008	212	3161	0.455	ng	0.00
31) Terphenyl-d14	19.616	244	2590	0.486	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	23	0.038	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.099	149	308	0.100	ng	# 86

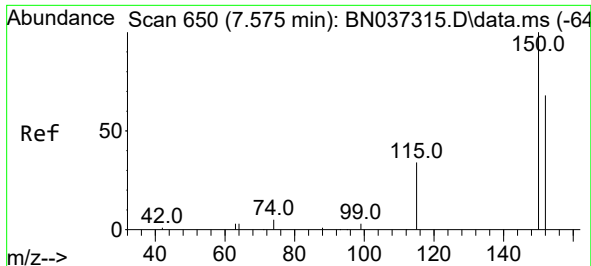
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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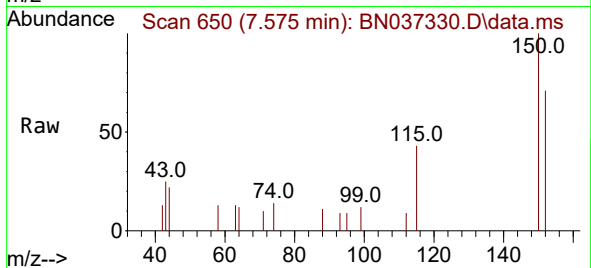
Quant Time: Jun 19 04:05:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
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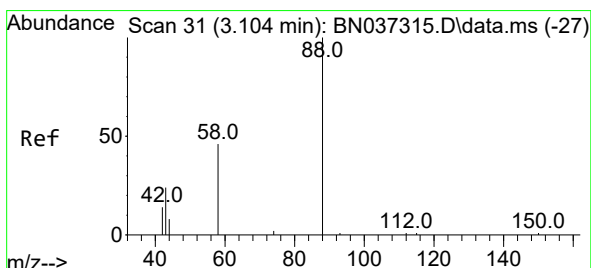
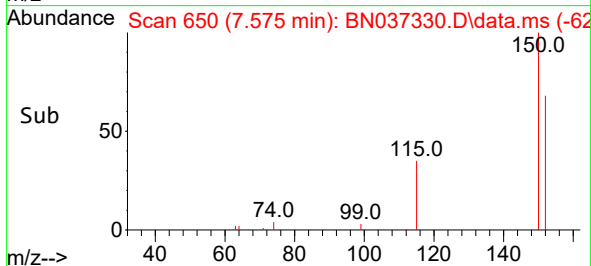
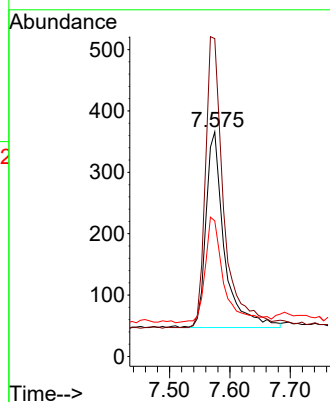
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037330.D
 Acq: 19 Jun 2025 01:41

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:152 Resp: 676

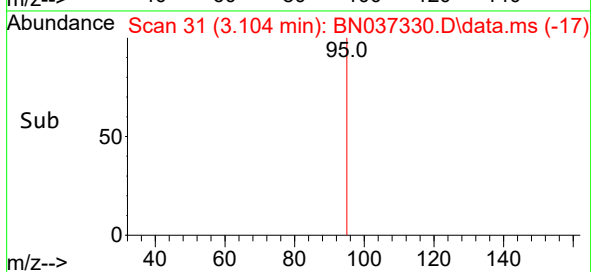
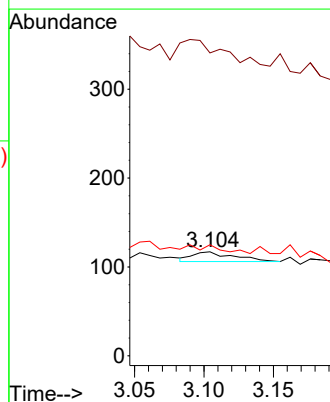
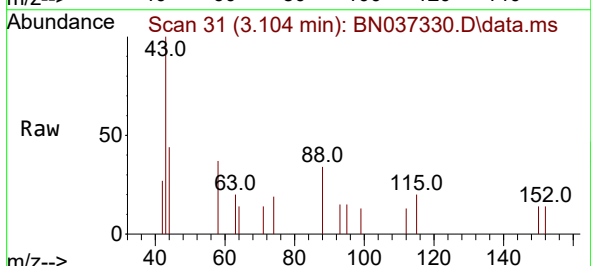
Ion	Ratio	Lower	Upper
152	100		
150	141.5	112.7	169.1
115	60.4	45.9	68.9

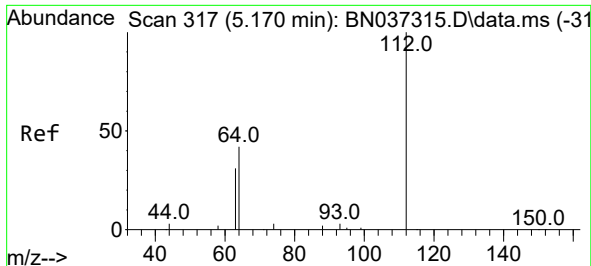


#2
 1,4-Dioxane
 Concen: 0.038 ng
 RT: 3.104 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN037330.D
 Acq: 19 Jun 2025 01:41

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
43	282.6	21.0	31.6#
58	0.0	38.0	57.0#

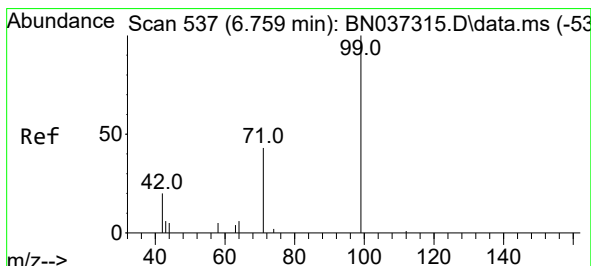
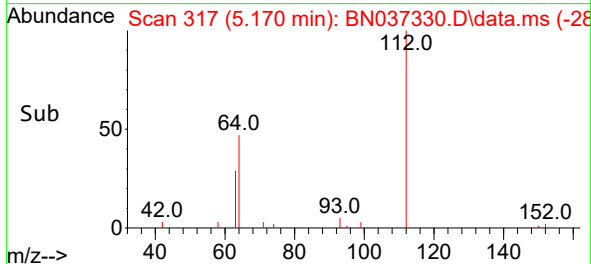
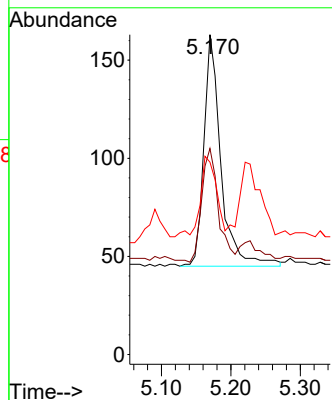
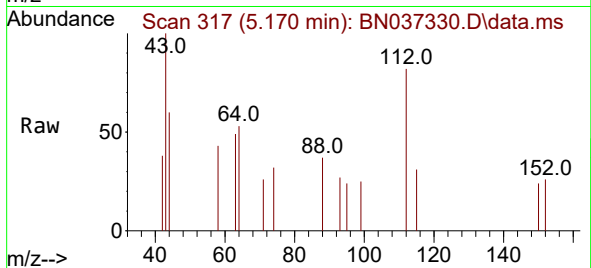




#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.170 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN037330.D
Acq: 19 Jun 2025 01:41

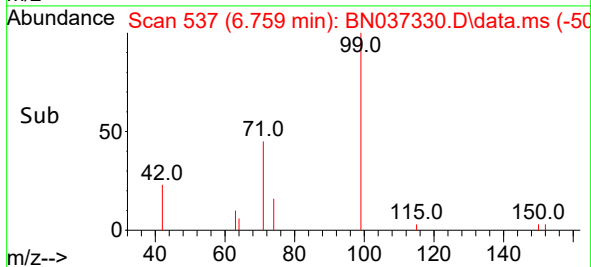
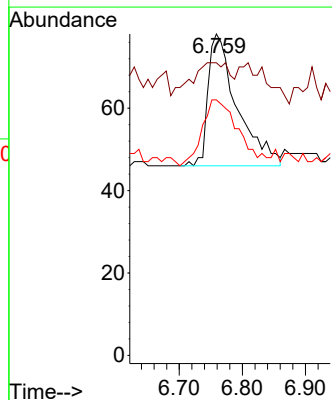
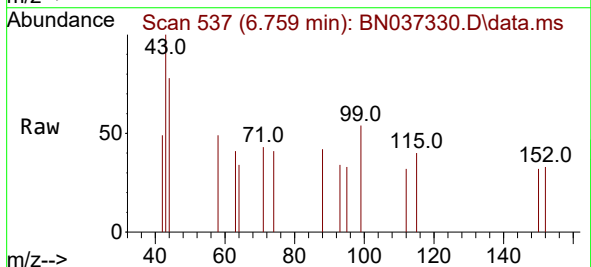
Instrument :
BNA_N
ClientSampleId :

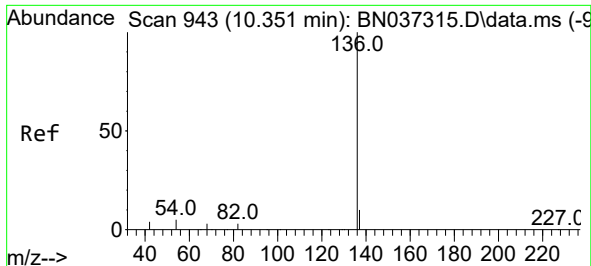
Tgt Ion:112 Resp: 201
Ion Ratio Lower Upper
112 100
64 46.8 38.7 58.1
63 33.8 26.4 39.6



#5
Phenol-d6
Concen: 0.085 ng
RT: 6.759 min Scan# 537
Delta R.T. -0.000 min
Lab File: BN037330.D
Acq: 19 Jun 2025 01:41

Tgt Ion: 99 Resp: 103
Ion Ratio Lower Upper
99 100
42 27.2 19.8 29.8
71 62.1 42.6 64.0

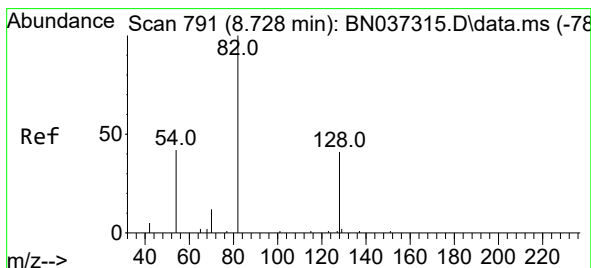
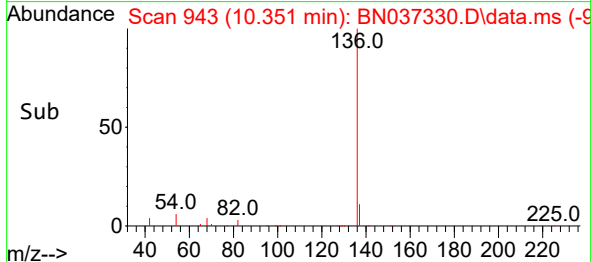
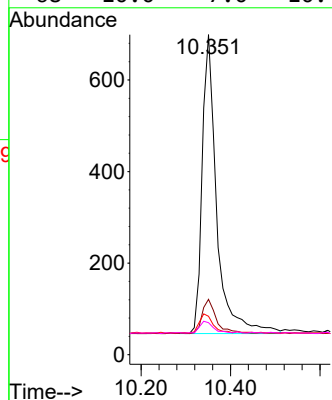
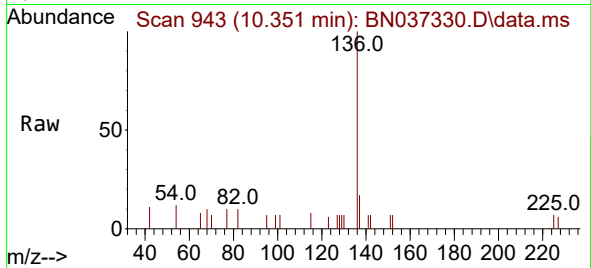




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN037330.D
Acq: 19 Jun 2025 01:41

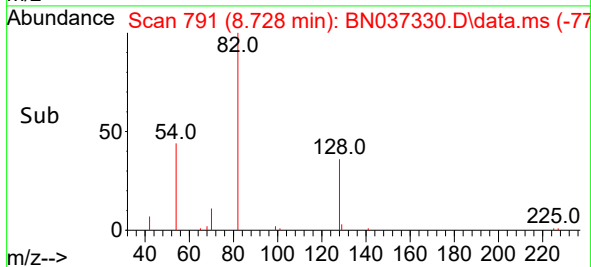
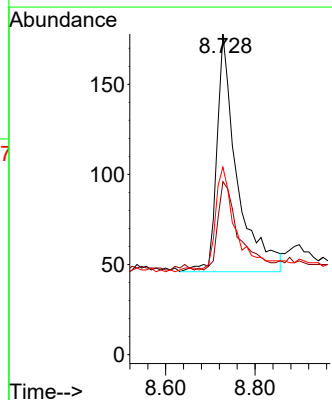
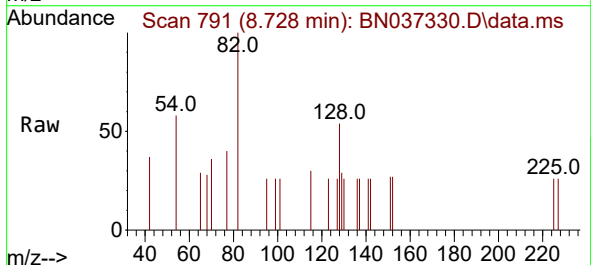
Instrument :
BNA_N
ClientSampleId :

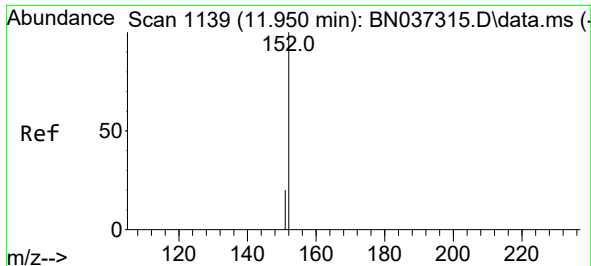
Tgt Ion:	136	Resp:	1473
Ion	Ratio	Lower	Upper
136	100		
137	17.3	12.2	18.2
54	12.0	8.8	13.2
68	10.0	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 8.728 min Scan# 791
Delta R.T. -0.000 min
Lab File: BN037330.D
Acq: 19 Jun 2025 01:41

Tgt Ion:	82	Resp:	413
Ion	Ratio	Lower	Upper
82	100		
128	53.9	42.5	63.7
54	58.4	43.2	64.8

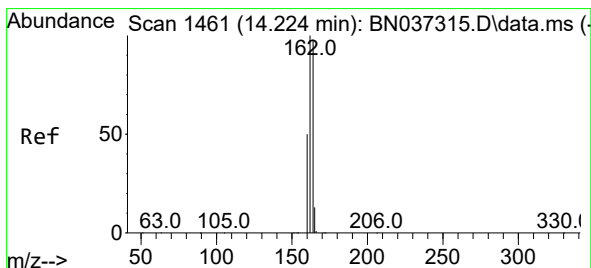
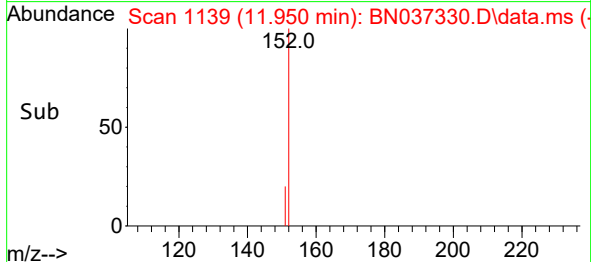
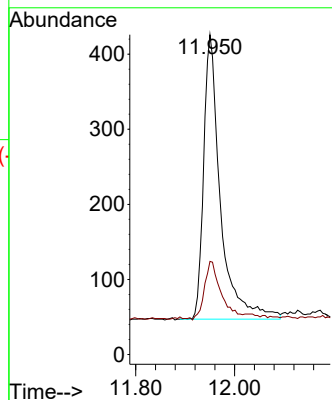
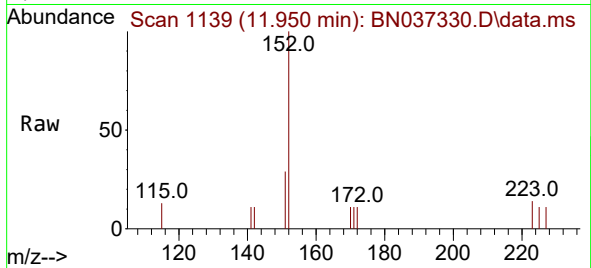




#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 11.950 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BN037330.D
Acq: 19 Jun 2025 01:41

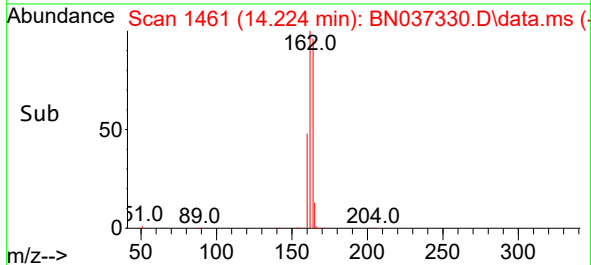
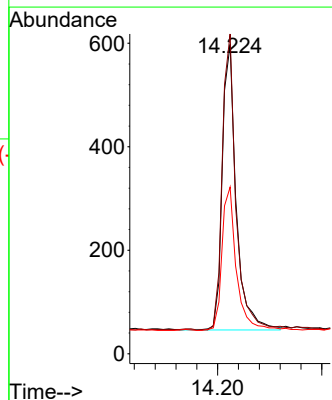
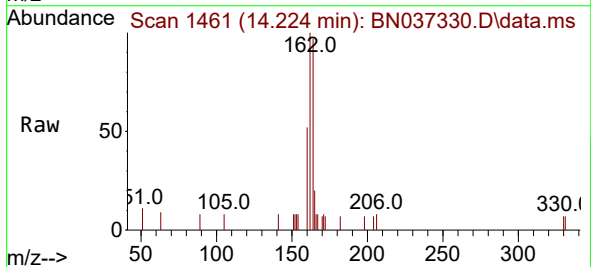
Instrument :
BNA_N
ClientSampleId :

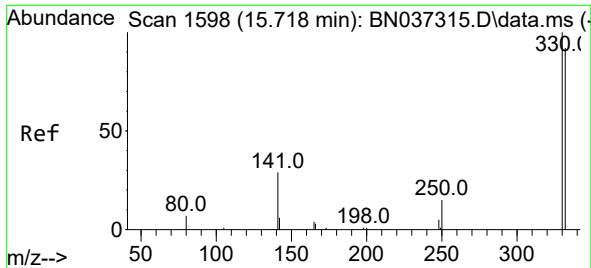
Tgt Ion:152 Resp: 893
Ion Ratio Lower Upper
152 100
151 20.7 17.4 26.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BN037330.D
Acq: 19 Jun 2025 01:41

Tgt Ion:164 Resp: 1030
Ion Ratio Lower Upper
164 100
162 103.3 81.5 122.3
160 53.8 43.0 64.4

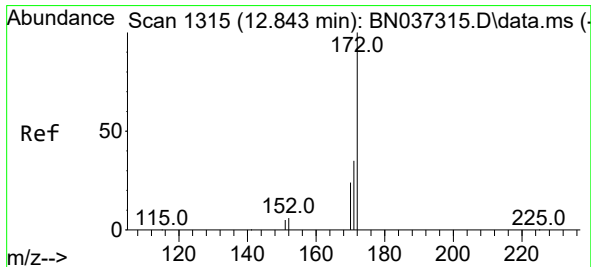
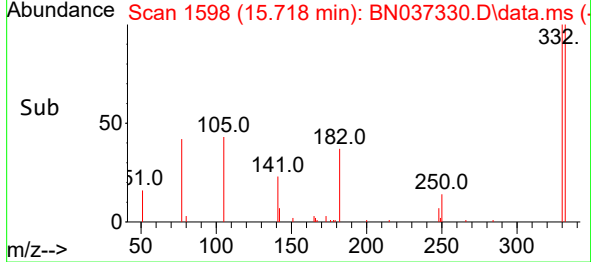
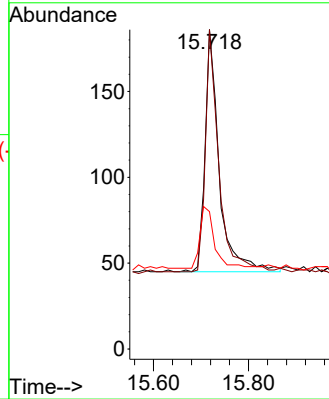
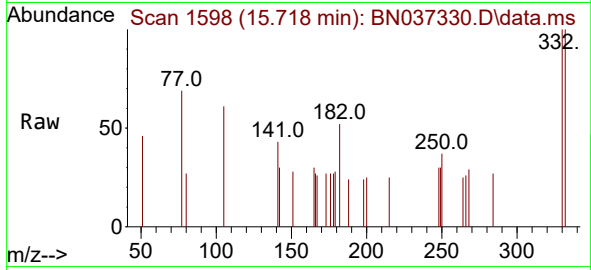




#14
2,4,6-Tribromophenol
Concen: 0.388 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN037330.D
Acq: 19 Jun 2025 01:41

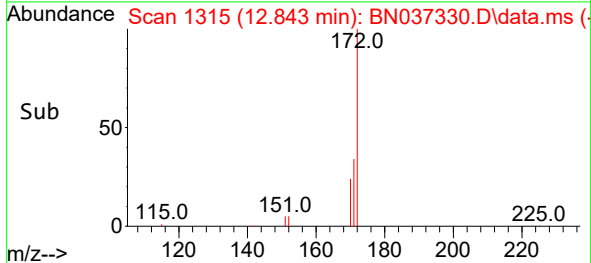
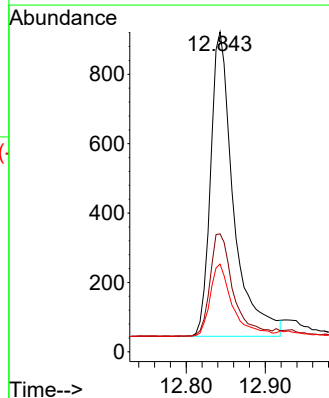
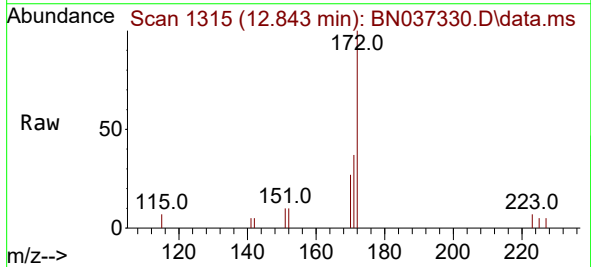
Instrument :
BNA_N
ClientSampleId :

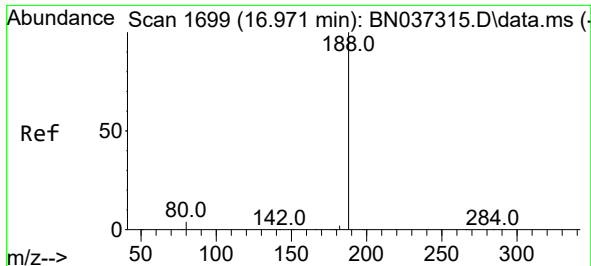
Tgt Ion:330 Resp: 295
Ion Ratio Lower Upper
330 100
332 93.9 78.4 117.6
141 27.5 24.4 36.6



#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 12.843 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BN037330.D
Acq: 19 Jun 2025 01:41

Tgt Ion:172 Resp: 1768
Ion Ratio Lower Upper
172 100
171 36.9 30.8 46.2
170 27.4 21.9 32.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.971 min Scan# 1

Delta R.T. -0.000 min

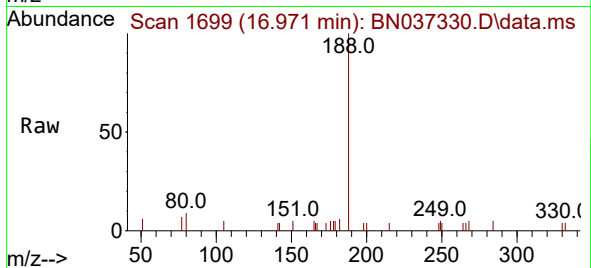
Lab File: BN037330.D

Acq: 19 Jun 2025 01:41

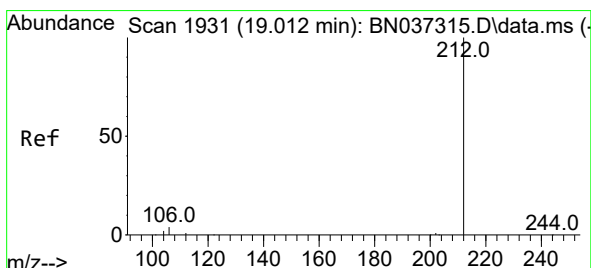
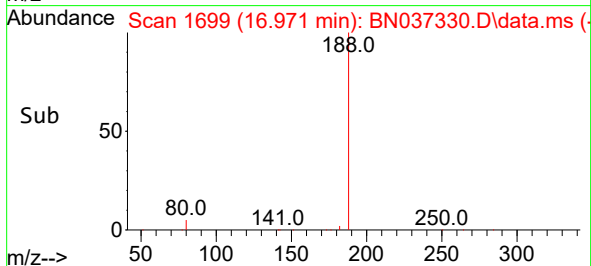
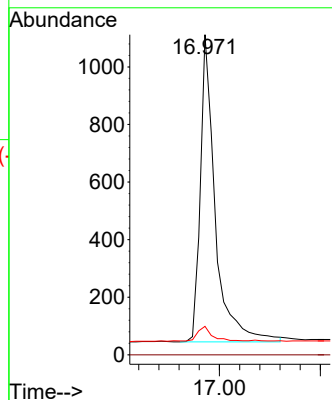
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	188	Resp:	2192
Ion Ratio	100	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	6.2	9.2



#27

Fluoranthene-d10

Concen: 0.455 ng

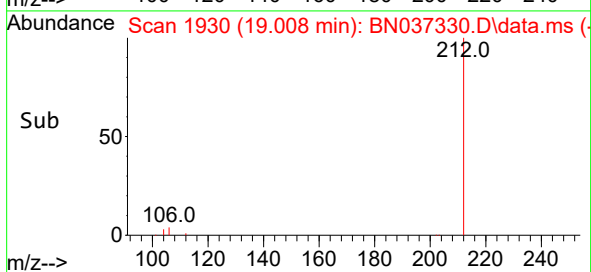
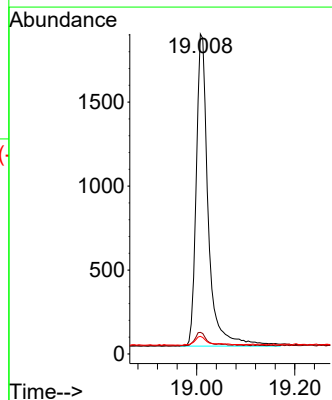
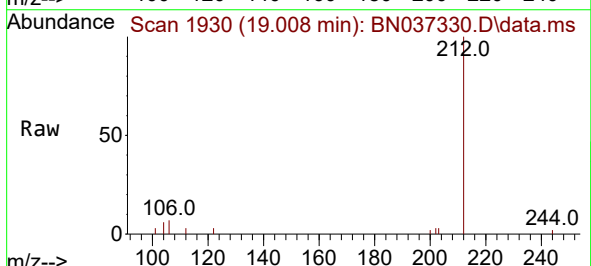
RT: 19.008 min Scan# 1930

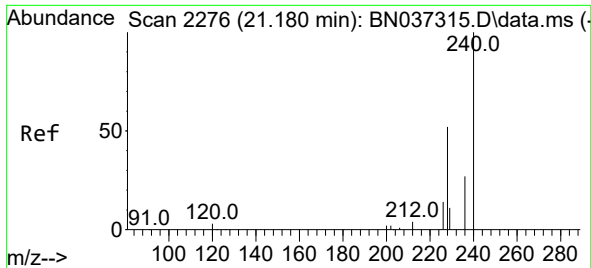
Delta R.T. -0.005 min

Lab File: BN037330.D

Acq: 19 Jun 2025 01:41

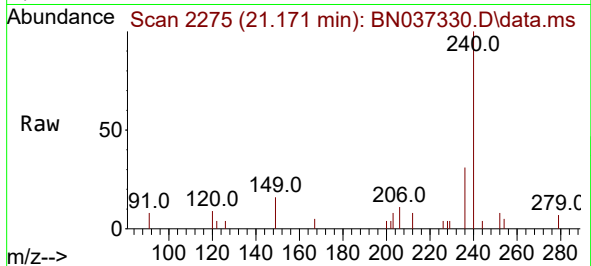
Tgt Ion:	212	Resp:	3161
Ion Ratio	100	Lower	Upper
212	100		
106	4.0	3.0	4.4
104	2.9	2.0	3.0



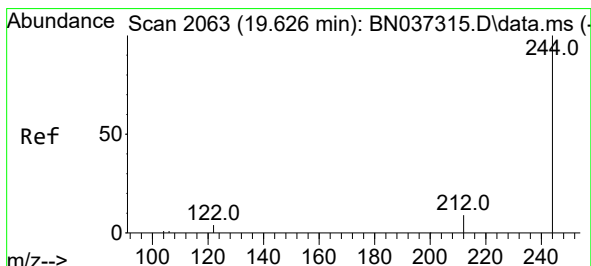
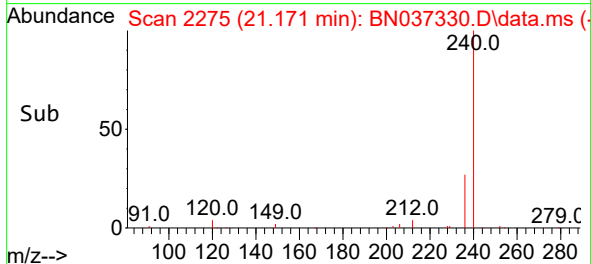
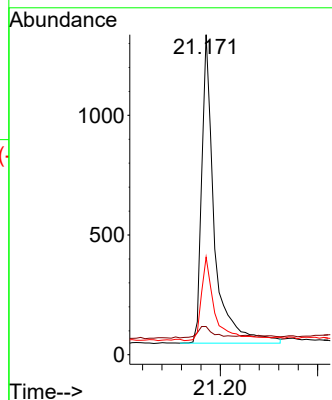


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037330.D
Acq: 19 Jun 2025 01:41

Instrument :
BNA_N
ClientSampleId :

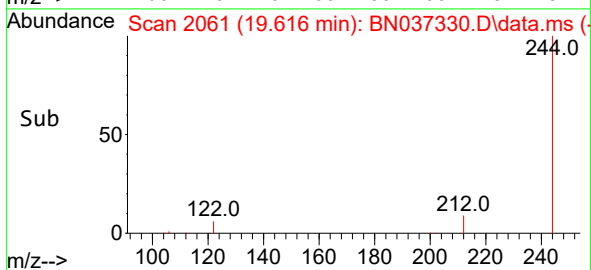
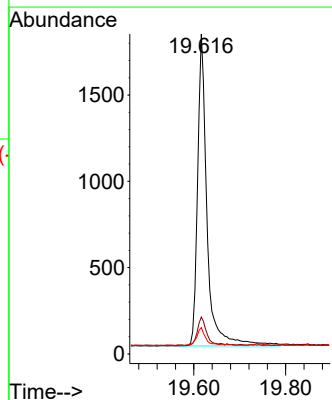
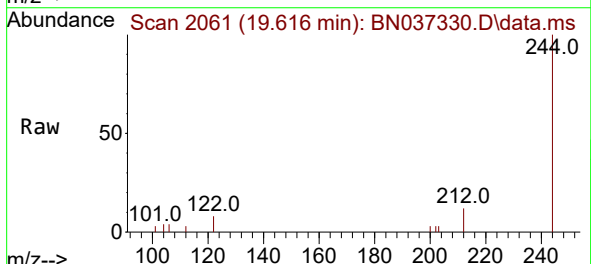


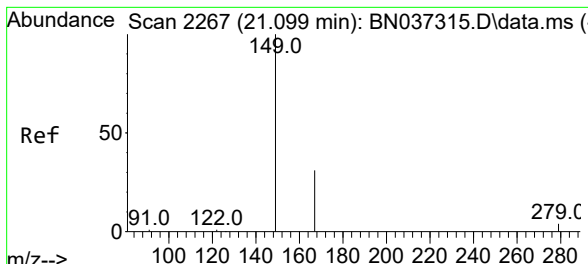
Tgt Ion:240 Resp: 2323
Ion Ratio Lower Upper
240 100
120 8.8 7.5 11.3
236 30.5 24.9 37.3



#31
Terphenyl-d14
Concen: 0.486 ng
RT: 19.616 min Scan# 2061
Delta R.T. -0.009 min
Lab File: BN037330.D
Acq: 19 Jun 2025 01:41

Tgt Ion:244 Resp: 2590
Ion Ratio Lower Upper
244 100
212 11.5 11.1 16.7
122 8.3 7.2 10.8

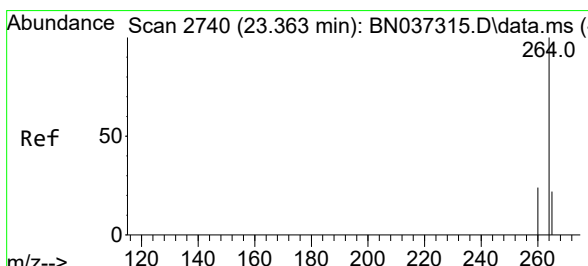
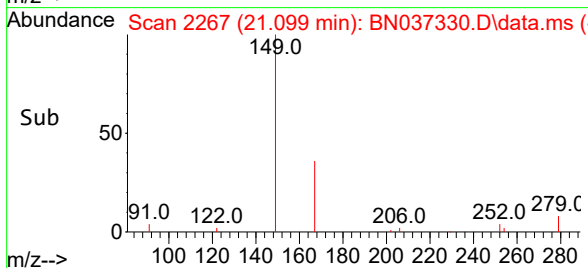
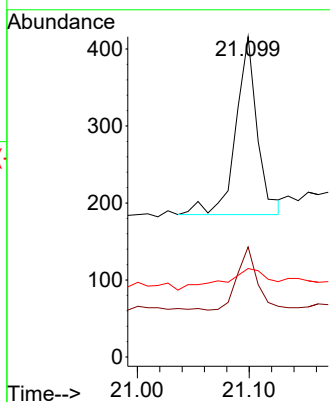
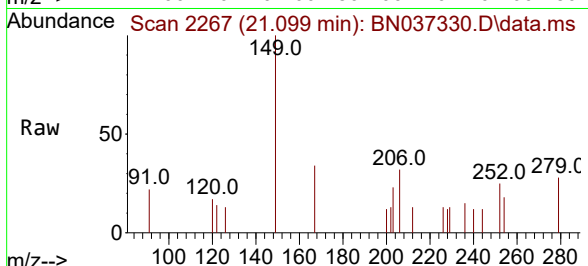




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.100 ng
 RT: 21.099 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN037330.D
 Acq: 19 Jun 2025 01:41

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 308
 Ion Ratio Lower Upper
 149 100
 167 33.4 24.6 37.0
 279 24.7 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: BN037330.D
 Acq: 19 Jun 2025 01:41

Tgt Ion:264 Resp: 2519
 Ion Ratio Lower Upper
 264 100
 260 28.6 21.4 32.2
 265 88.7 71.4 107.0

