

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
 Data File : BN037333.D
 Acq On : 19 Jun 2025 03:29
 Operator : RC/JU
 Sample : Q2329-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT149S1-20250613

Quant Time: Jun 19 04:05:56 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)

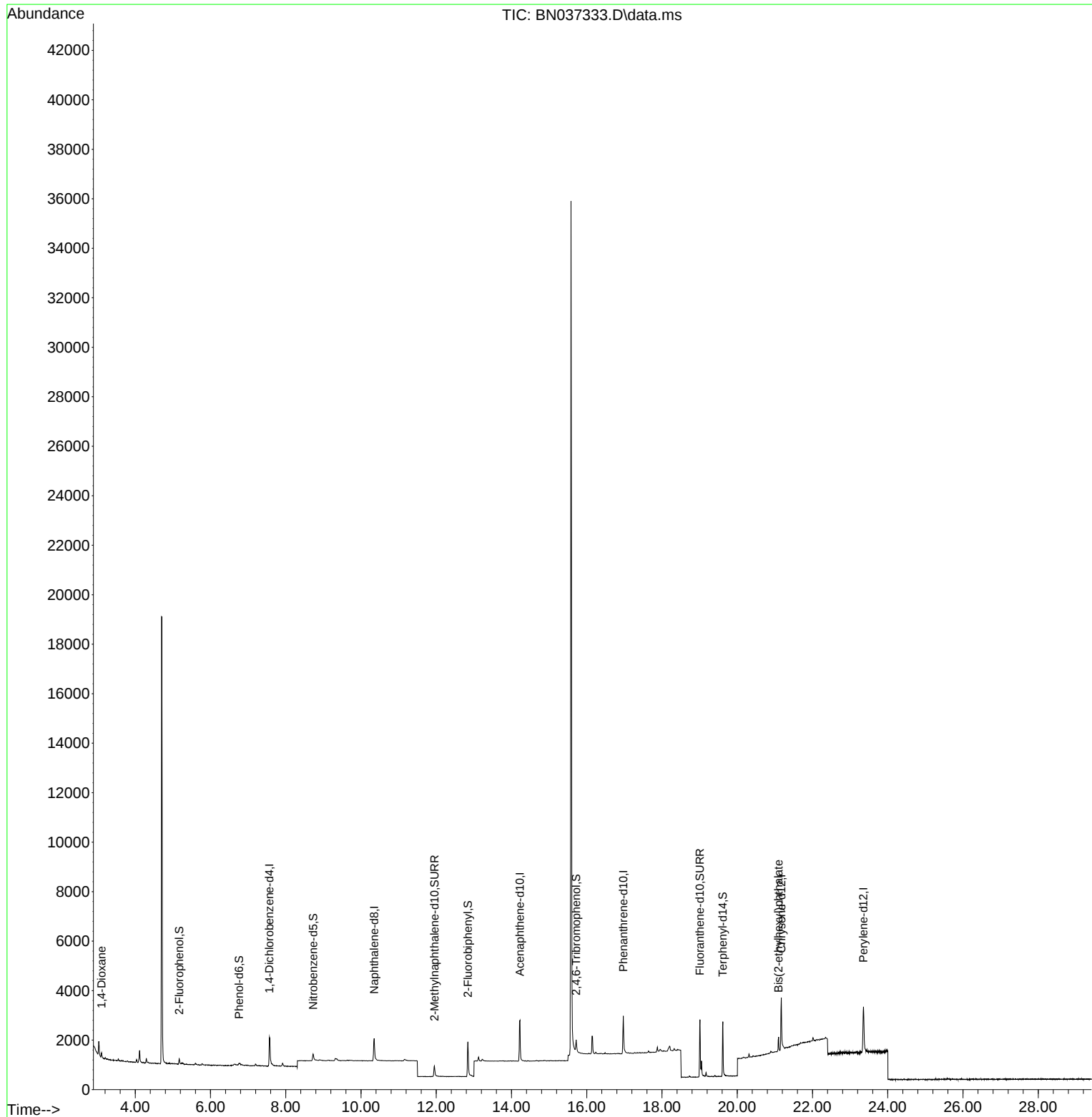
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	693	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	1543	0.400	ng	0.00
13) Acenaphthene-d10	14.224	164	1129	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2488	0.400	ng	0.00
29) Chrysene-d12	21.171	240	2574	0.400	ng	# 0.00
35) Perylene-d12	23.354	264	2711	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	184	0.146	ng	0.00
5) Phenol-d6	6.759	99	97	0.078	ng	0.00
8) Nitrobenzene-d5	8.728	82	386	0.300	ng	0.00
11) 2-Methylnaphthalene-d10	11.950	152	772	0.308	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	302	0.363	ng	0.00
15) 2-Fluorobiphenyl	12.843	172	1555	0.314	ng	0.00
27) Fluoranthene-d10	19.008	212	3315	0.420	ng	0.00
31) Terphenyl-d14	19.616	244	2621	0.444	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.104	88	148	0.239	ng	# 54
34) Bis(2-ethylhexyl)phtha...	21.099	149	558	0.164	ng	# 97

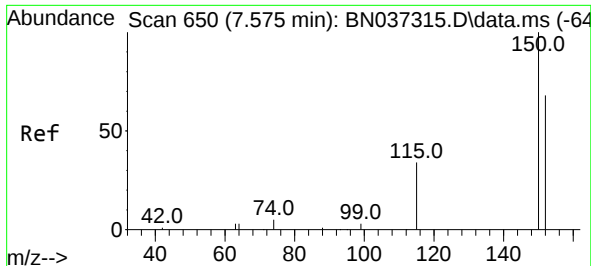
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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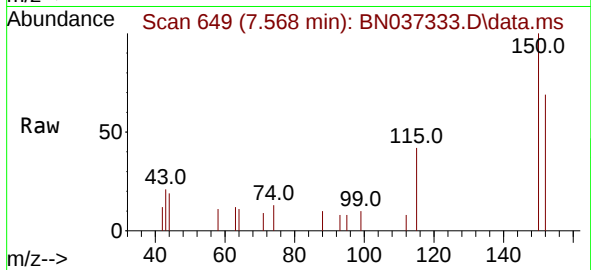
Quant Time: Jun 19 04:05:56 2025
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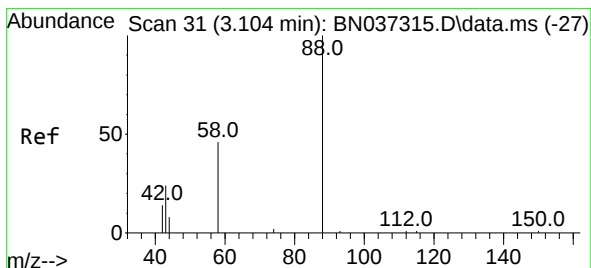
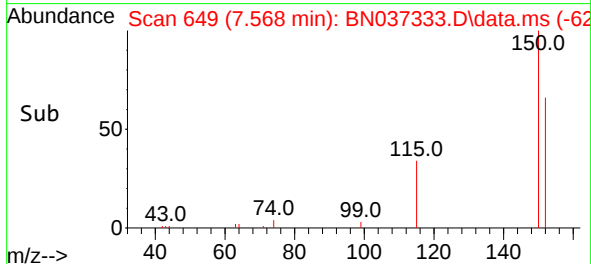
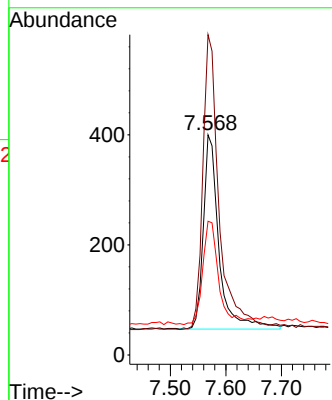
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.568 min Scan# 649
 Delta R.T. -0.007 min
 Lab File: BN037333.D
 Acq: 19 Jun 2025 03:29

Instrument :
 BNA_N
 ClientSampleId :
 TT149S1-20250613



Tgt Ion:152 Resp: 693

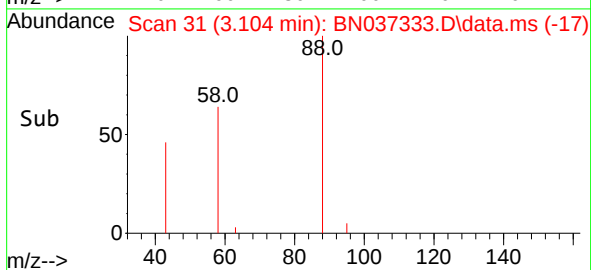
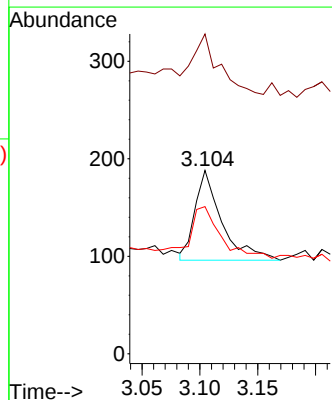
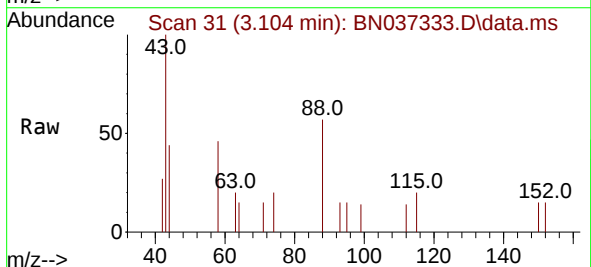
Ion	Ratio	Lower	Upper
152	100		
150	145.5	112.7	169.1
115	60.8	45.9	68.9

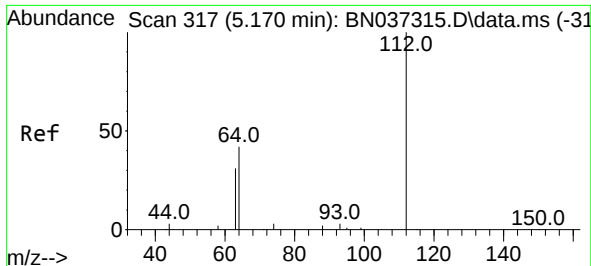


#2
 1,4-Dioxane
 Concen: 0.239 ng
 RT: 3.104 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN037333.D
 Acq: 19 Jun 2025 03:29

Tgt Ion: 88 Resp: 148

Ion	Ratio	Lower	Upper
88	100		
43	66.2	21.0	31.6#
58	66.9	38.0	57.0#





#4

2-Fluorophenol

Concen: 0.146 ng

RT: 5.170 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN037333.D

Acq: 19 Jun 2025 03:29

Instrument :

BNA_N

ClientSampleId :

TT149S1-20250613

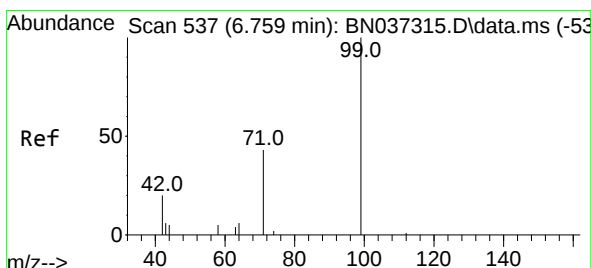
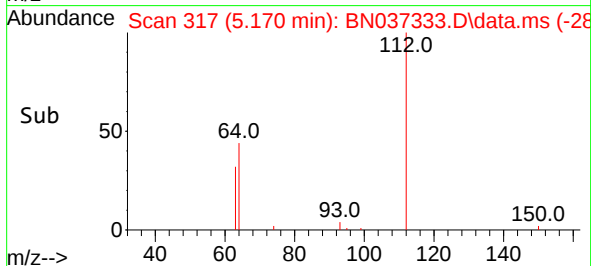
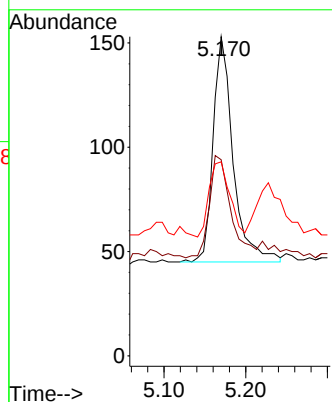
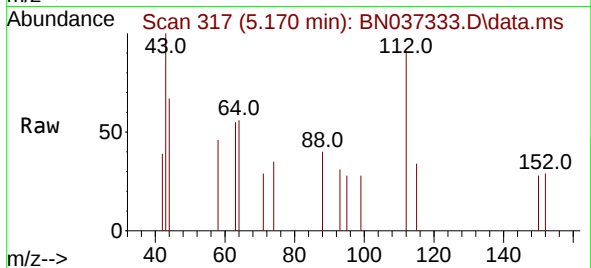
Tgt Ion:112 Resp: 184

Ion Ratio Lower Upper

112 100

64 48.4 38.7 58.1

63 35.3 26.4 39.6



#5

Phenol-d6

Concen: 0.078 ng

RT: 6.759 min Scan# 537

Delta R.T. -0.000 min

Lab File: BN037333.D

Acq: 19 Jun 2025 03:29

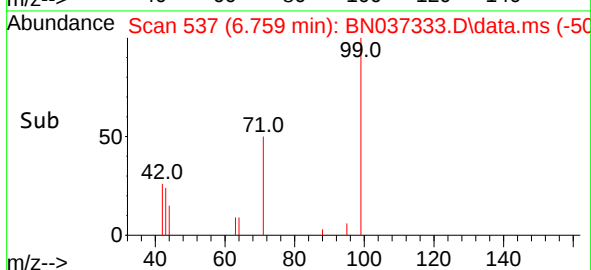
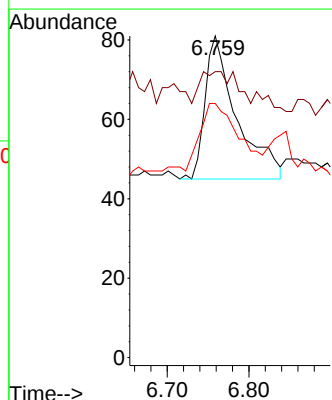
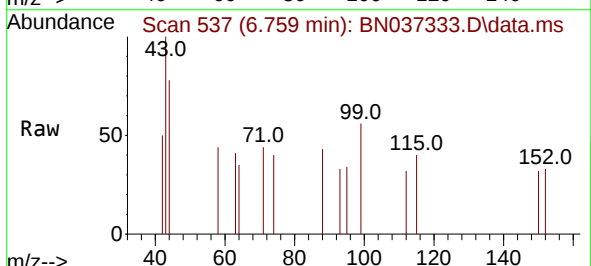
Tgt Ion: 99 Resp: 97

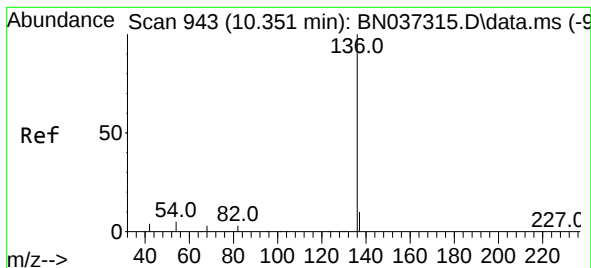
Ion Ratio Lower Upper

99 100

42 23.7 19.8 29.8

71 58.8 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: BN037333.D

Acq: 19 Jun 2025 03:29

Instrument :

BNA_N

ClientSampleId :

TT149S1-20250613

Tgt Ion:136 Resp: 1543

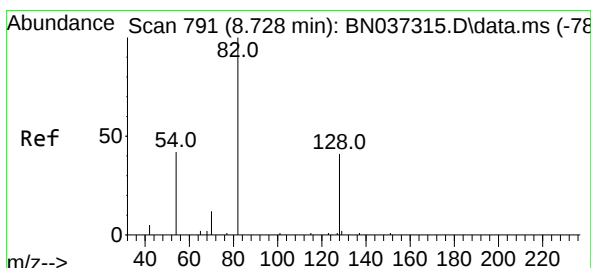
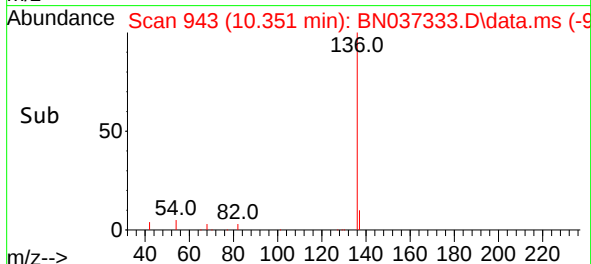
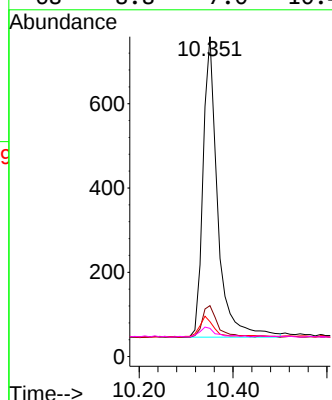
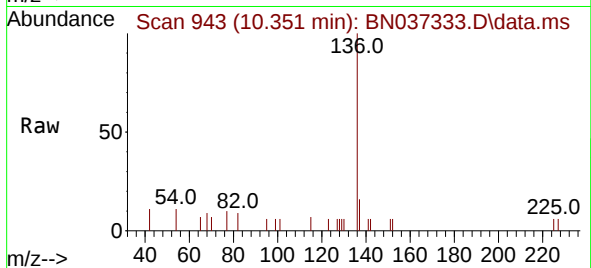
Ion Ratio Lower Upper

136 100

137 15.9 12.2 18.2

54 10.9 8.8 13.2

68 8.8 7.0 10.4



#8

Nitrobenzene-d5

Concen: 0.300 ng

RT: 8.728 min Scan# 791

Delta R.T. -0.000 min

Lab File: BN037333.D

Acq: 19 Jun 2025 03:29

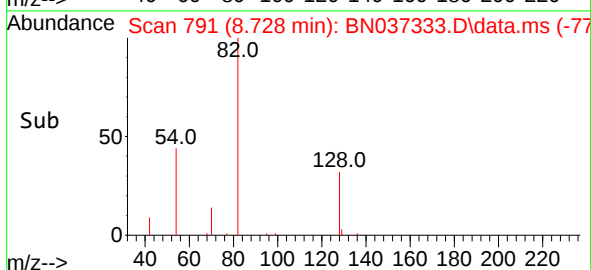
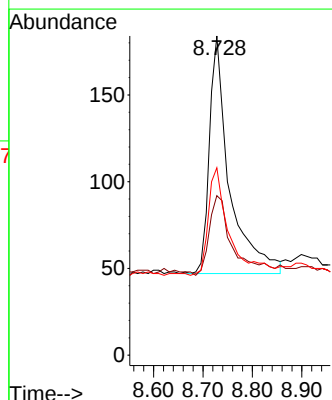
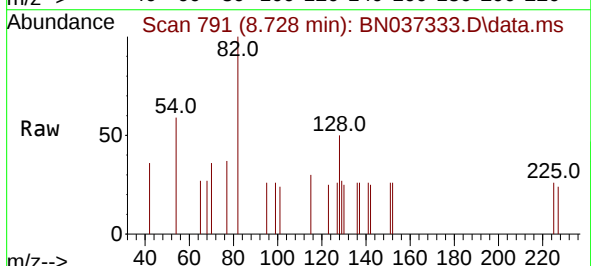
Tgt Ion: 82 Resp: 386

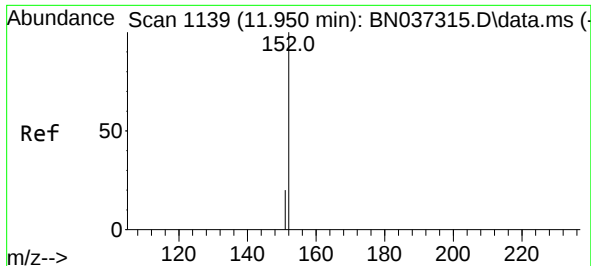
Ion Ratio Lower Upper

82 100

128 50.0 42.5 63.7

54 58.7 43.2 64.8

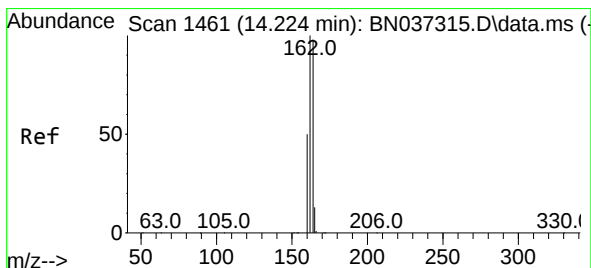
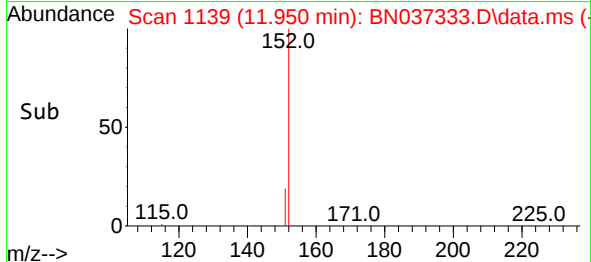
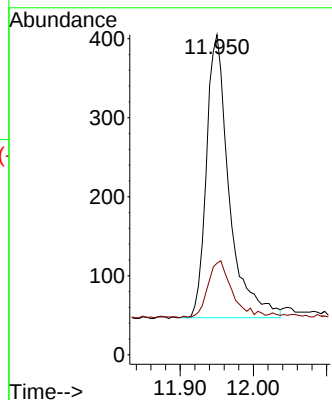
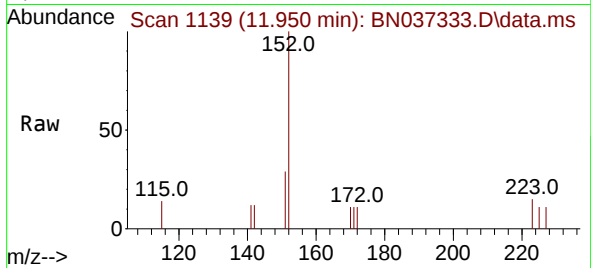




#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 11.950 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BN037333.D
Acq: 19 Jun 2025 03:29

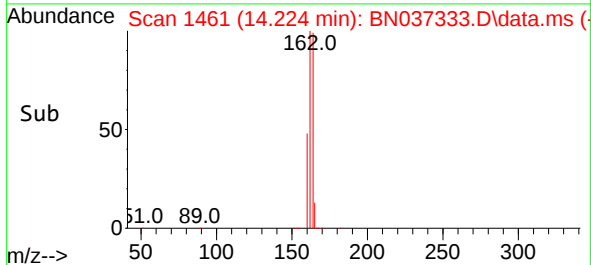
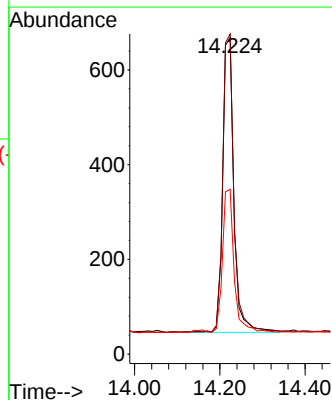
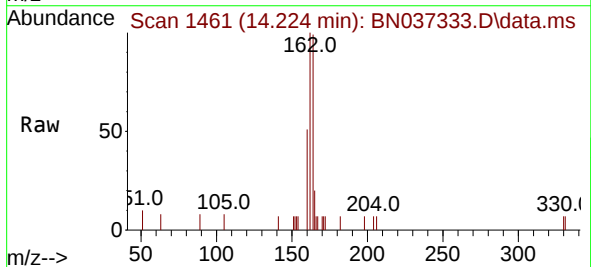
Instrument :
BNA_N
ClientSampleId :
TT149S1-20250613

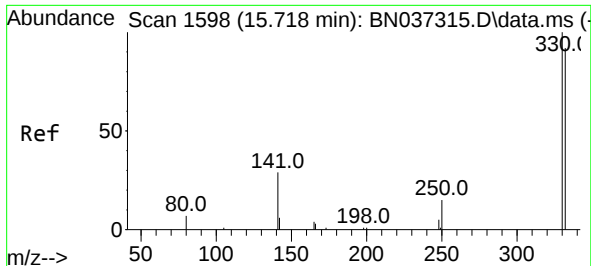
Tgt Ion:152 Resp: 772
Ion Ratio Lower Upper
152 100
151 21.5 17.4 26.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BN037333.D
Acq: 19 Jun 2025 03:29

Tgt Ion:164 Resp: 1129
Ion Ratio Lower Upper
164 100
162 101.2 81.5 122.3
160 52.1 43.0 64.4

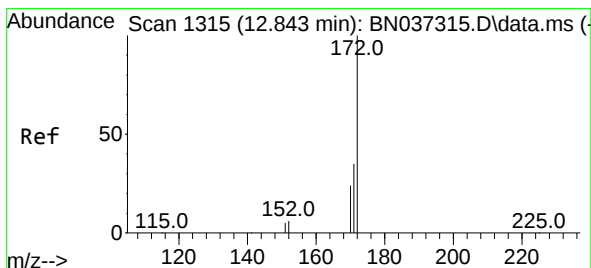
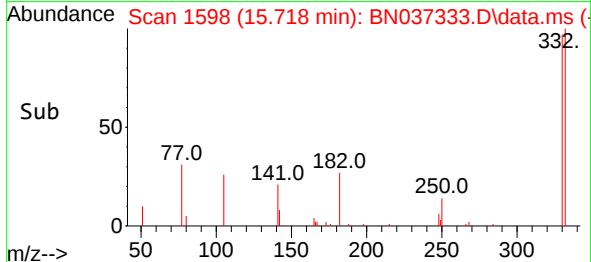
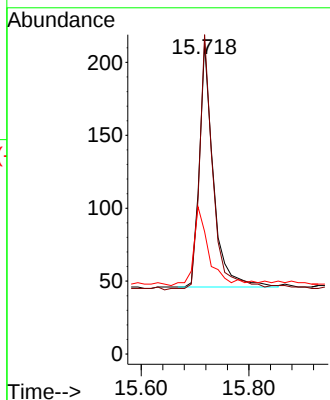
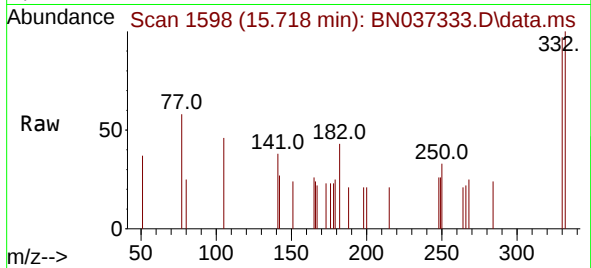




#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN037333.D
Acq: 19 Jun 2025 03:29

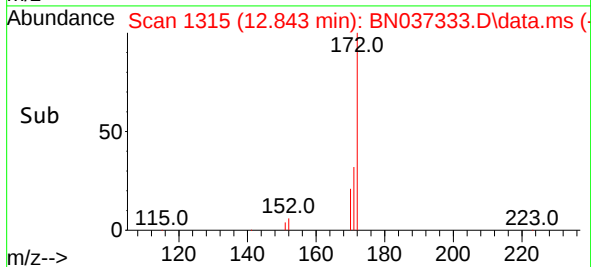
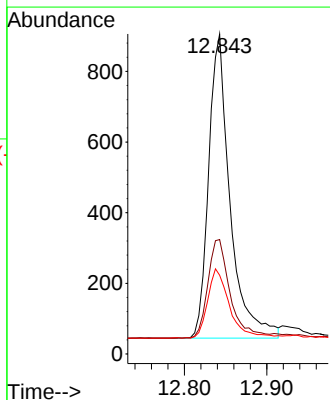
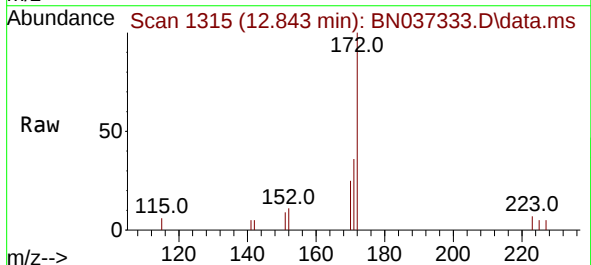
Instrument :
BNA_N
ClientSampleId :
TT149S1-20250613

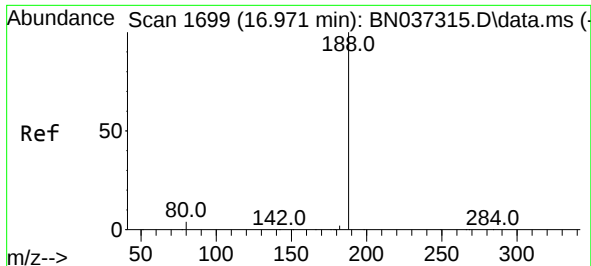
Tgt Ion:330 Resp: 302
Ion Ratio Lower Upper
330 100
332 98.7 78.4 117.6
141 36.1 24.4 36.6



#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 12.843 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BN037333.D
Acq: 19 Jun 2025 03:29

Tgt Ion:172 Resp: 1555
Ion Ratio Lower Upper
172 100
171 35.8 30.8 46.2
170 24.6 21.9 32.9

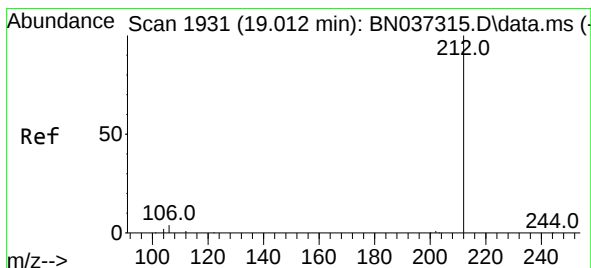
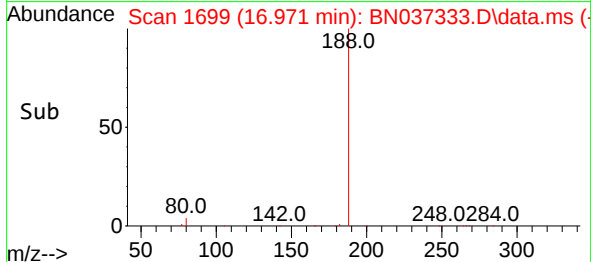
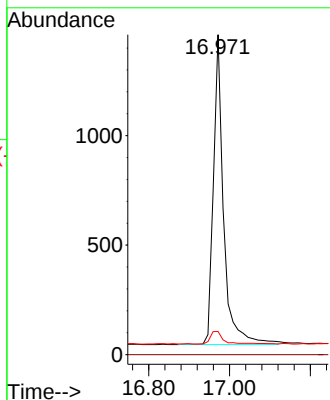
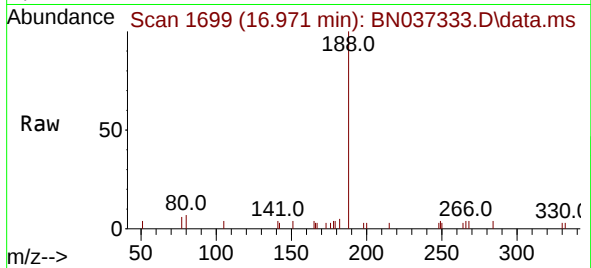




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN037333.D
Acq: 19 Jun 2025 03:29

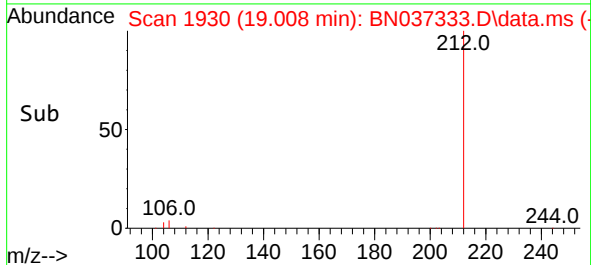
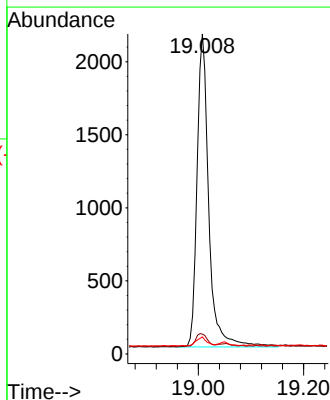
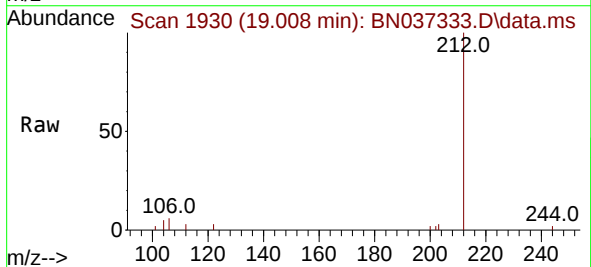
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BNA_N
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TT149S1-20250613

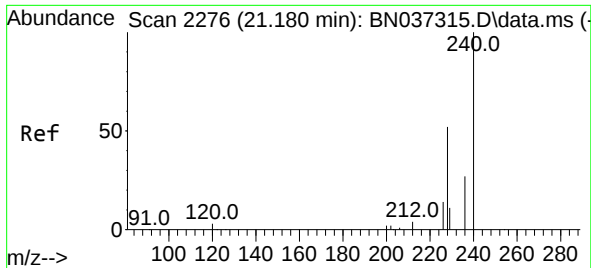
Tgt Ion:188 Resp: 2488
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.3 6.2 9.2



#27
Fluoranthene-d10
Concen: 0.420 ng
RT: 19.008 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BN037333.D
Acq: 19 Jun 2025 03:29

Tgt Ion:212 Resp: 3315
Ion Ratio Lower Upper
212 100
106 4.1 3.0 4.4
104 2.4 2.0 3.0

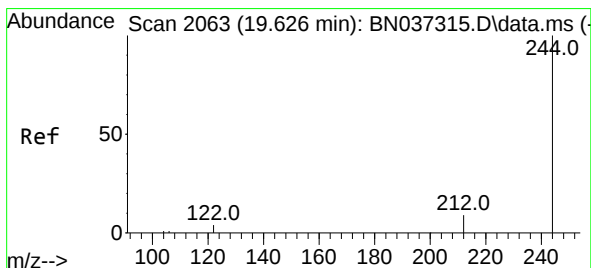
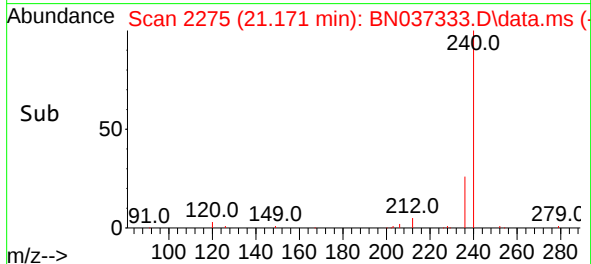
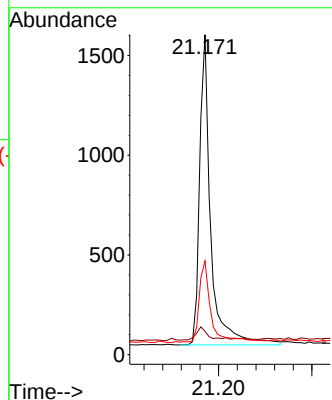
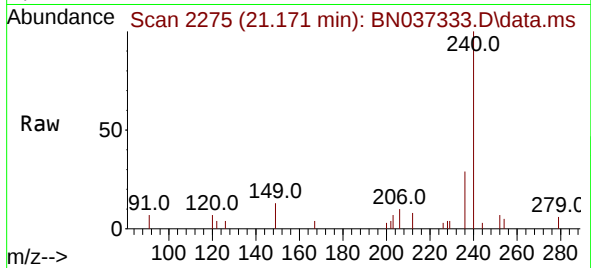




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 211
Delta R.T. -0.009 min
Lab File: BN037333.D
Acq: 19 Jun 2025 03:29

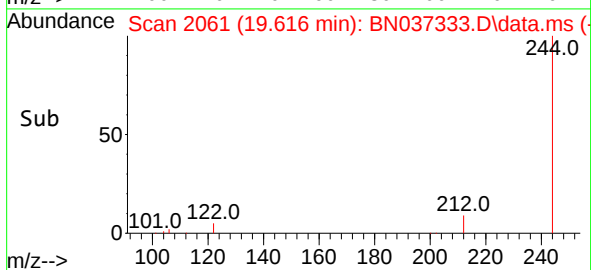
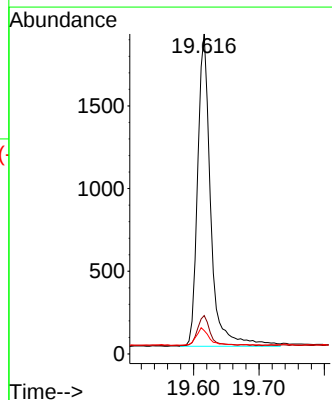
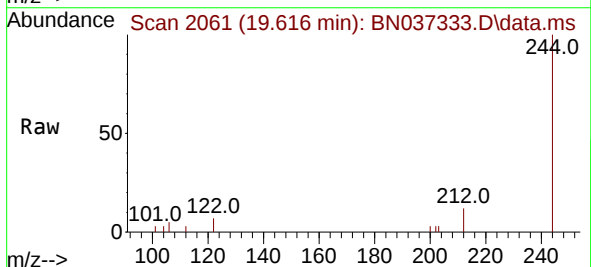
Instrument :
BNA_N
ClientSampleId :
TT149S1-20250613

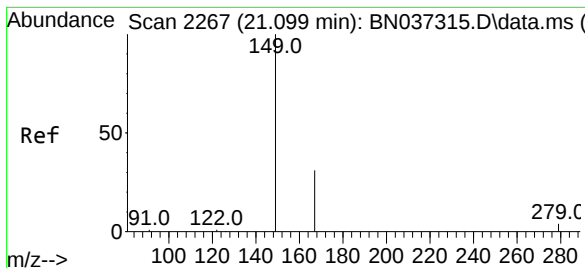
Tgt Ion:240 Resp: 2574
Ion Ratio Lower Upper
240 100
120 7.3 7.5 11.3#
236 29.3 24.9 37.3



#31
Terphenyl-d14
Concen: 0.444 ng
RT: 19.616 min Scan# 2061
Delta R.T. -0.009 min
Lab File: BN037333.D
Acq: 19 Jun 2025 03:29

Tgt Ion:244 Resp: 2621
Ion Ratio Lower Upper
244 100
212 12.0 11.1 16.7
122 7.3 7.2 10.8

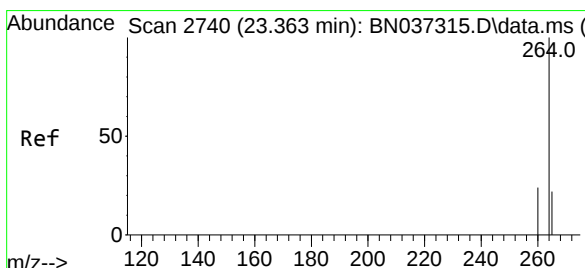
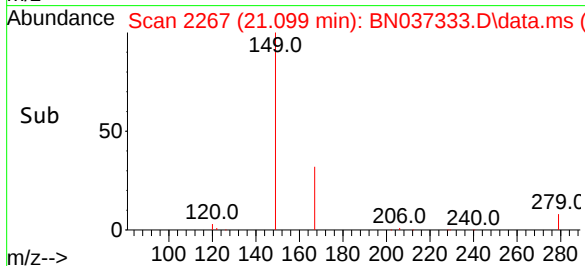
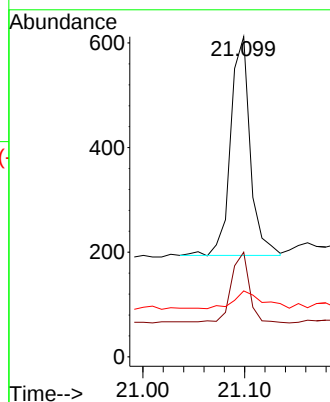
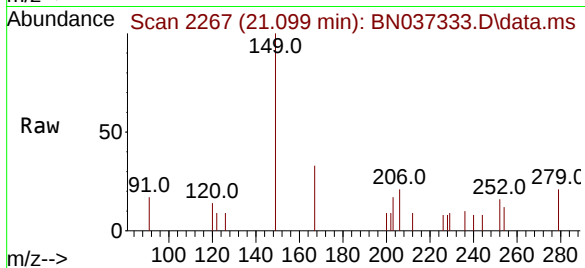




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.164 ng
 RT: 21.099 min Scan# 2109
 Delta R.T. -0.000 min
 Lab File: BN037333.D
 Acq: 19 Jun 2025 03:29

Instrument :
 BNA_N
 ClientSampleId :
 TT149S1-20250613

Tgt Ion:149 Resp: 558
 Ion Ratio Lower Upper
 149 100
 167 29.9 24.6 37.0
 279 10.8 6.5 9.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.354 min Scan# 2737
 Delta R.T. -0.009 min
 Lab File: BN037333.D
 Acq: 19 Jun 2025 03:29

Tgt Ion:264 Resp: 2711
 Ion Ratio Lower Upper
 264 100
 260 27.6 21.4 32.2
 265 83.9 71.4 107.0

