

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037262.D
 Acq On : 14 Jun 2025 15:11
 Operator : RC/JU
 Sample : Q2299-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT17411-20250610

Quant Time: Jun 16 02:43:18 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)

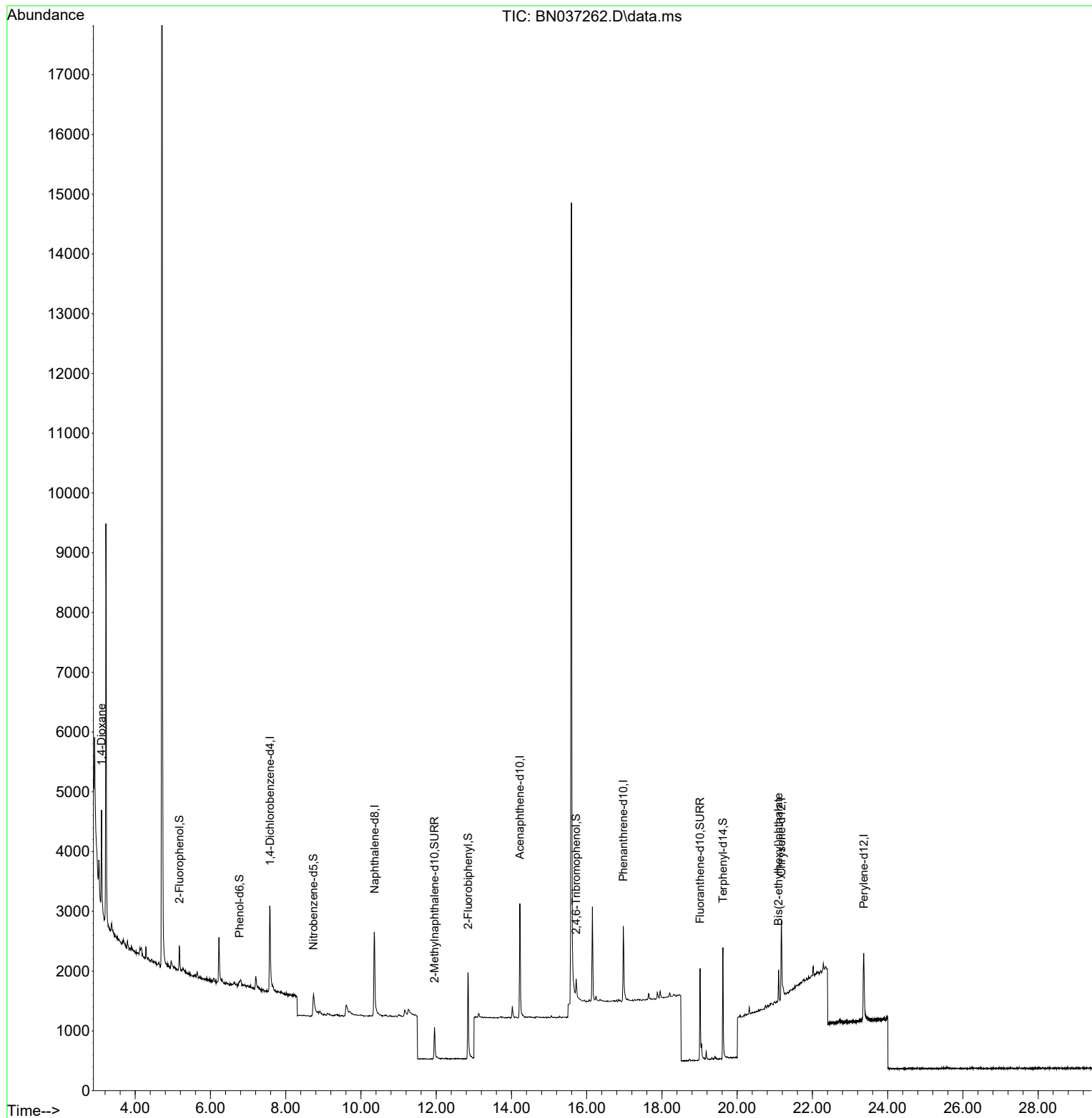
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	939	0.400	ng	0.00
7) Naphthalene-d8	10.361	136	2285	0.400	ng	# 0.00
13) Acenaphthene-d10	14.224	164	1178	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2047	0.400	ng	0.00
29) Chrysene-d12	21.171	240	1682	0.400	ng	# 0.00
35) Perylene-d12	23.363	264	1693	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	307	0.133	ng	0.00
5) Phenol-d6	6.773	99	152	0.063	ng	0.01
8) Nitrobenzene-d5	8.739	82	566	0.251	ng	0.01
11) 2-Methylnaphthalene-d10	11.955	152	908	0.296	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	168	0.343	ng	-0.01
15) 2-Fluorobiphenyl	12.848	172	1525	0.308	ng	0.00
27) Fluoranthene-d10	19.012	212	1926	0.360	ng	0.00
31) Terphenyl-d14	19.621	244	2012	0.529	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.104	88	778	0.604	ng	# 71
34) Bis(2-ethylhexyl)phtha...	21.099	149	500	0.118	ng	97

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

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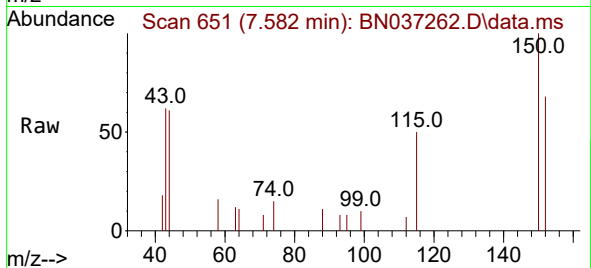
Quant Time: Jun 16 02:43:18 2025
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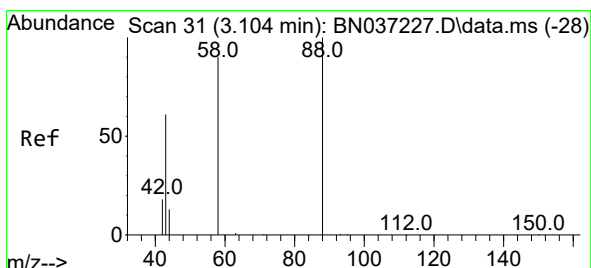
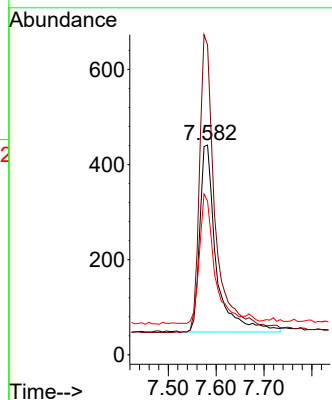
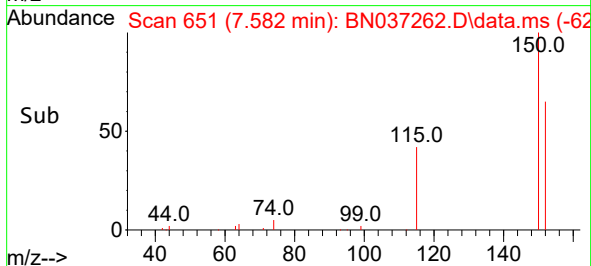


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.582 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN037262.D
 Acq: 14 Jun 2025 15:11

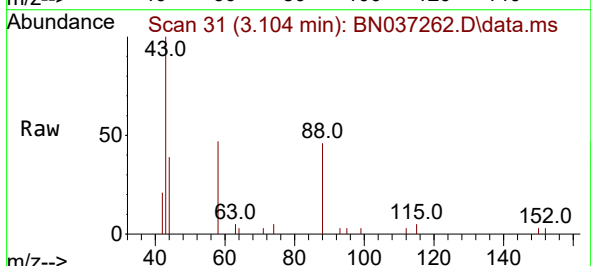
Instrument :
 BNA_N
 ClientSampleId :
 TT17411-20250610



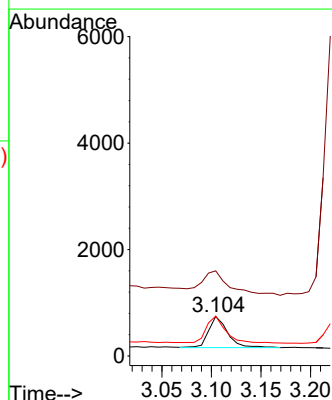
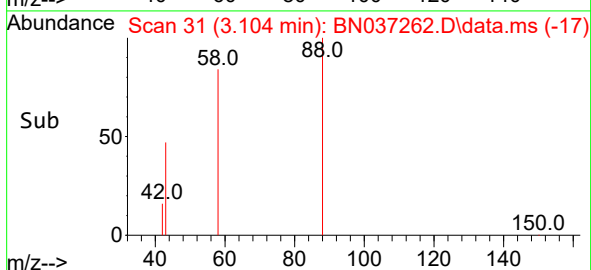
Tgt Ion:152 Resp: 939
 Ion Ratio Lower Upper
 152 100
 150 147.6 125.2 187.8
 115 73.2 58.4 87.6



#2
 1,4-Dioxane
 Concen: 0.604 ng
 RT: 3.104 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN037262.D
 Acq: 14 Jun 2025 15:11



Tgt Ion: 88 Resp: 778
 Ion Ratio Lower Upper
 88 100
 43 115.8 52.6 79.0#
 58 87.4 73.5 110.3

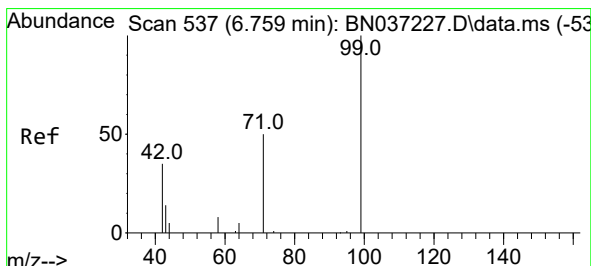
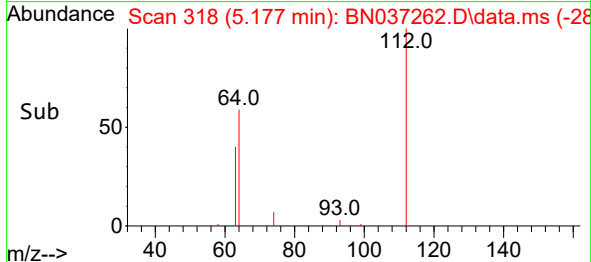
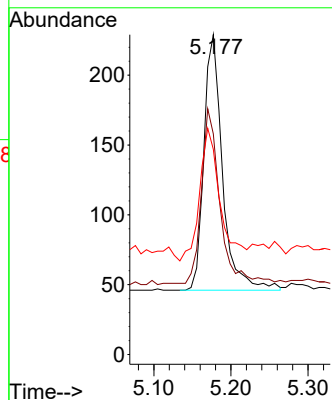
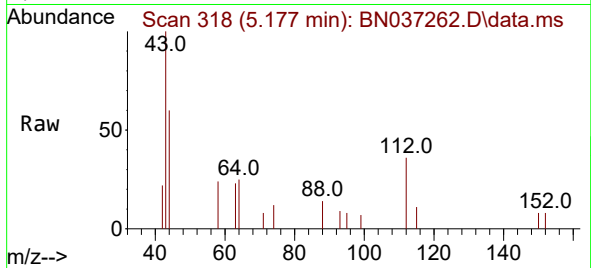




#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.177 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN037262.D
Acq: 14 Jun 2025 15:11

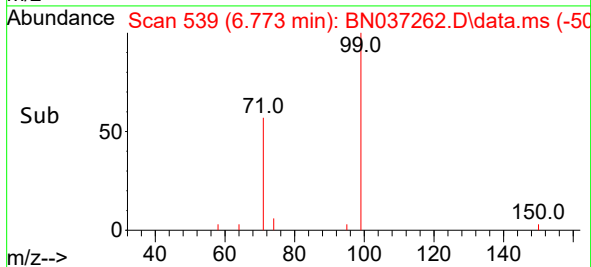
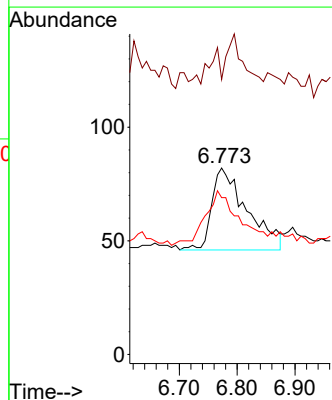
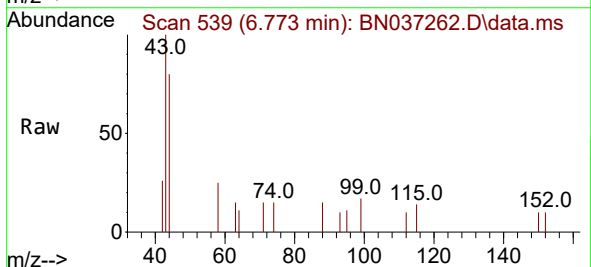
Instrument :
BNA_N
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TT17411-20250610

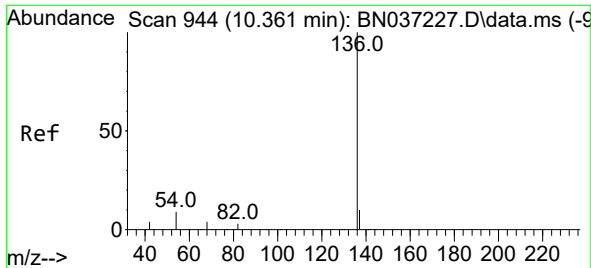
Tgt Ion:112 Resp: 307
Ion Ratio Lower Upper
112 100
64 67.4 57.2 85.8
63 56.7 39.8 59.6



#5
Phenol-d6
Concen: 0.063 ng
RT: 6.773 min Scan# 539
Delta R.T. 0.015 min
Lab File: BN037262.D
Acq: 14 Jun 2025 15:11

Tgt Ion: 99 Resp: 152
Ion Ratio Lower Upper
99 100
42 20.4 36.2 54.4#
71 64.5 42.4 63.6#

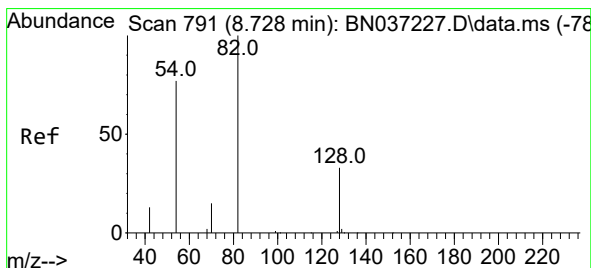
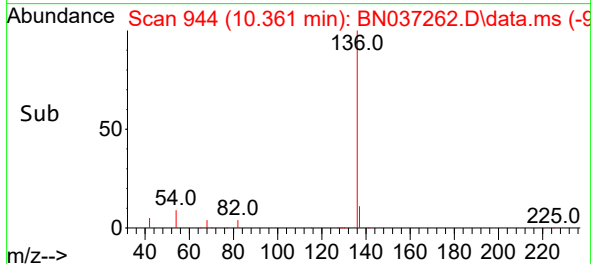
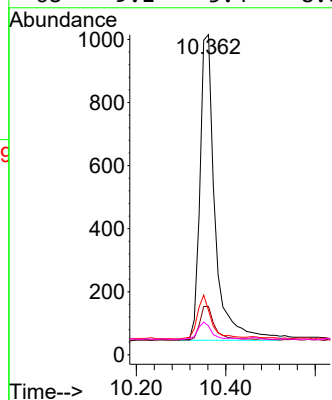
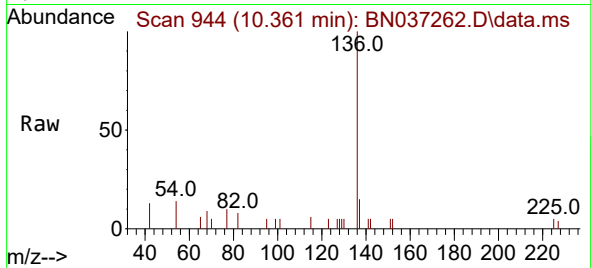




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.361 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN037262.D
Acq: 14 Jun 2025 15:11

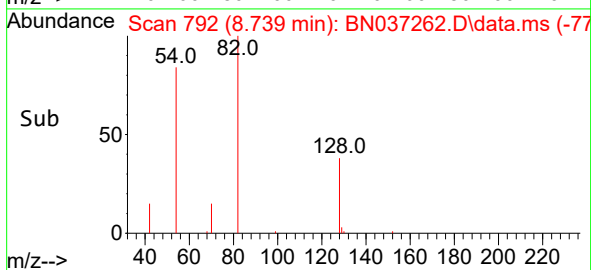
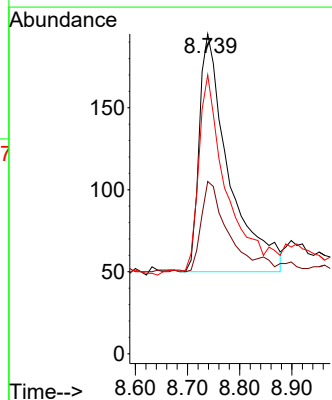
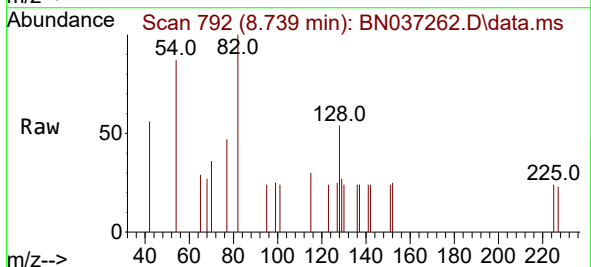
Instrument :
BNA_N
ClientSampleId :
TT17411-20250610

Tgt Ion:	136	Resp:	2285
Ion	Ratio	Lower	Upper
136	100		
137	15.1	10.6	15.8
54	13.9	9.2	13.8#
68	9.1	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.251 ng
RT: 8.739 min Scan# 792
Delta R.T. 0.011 min
Lab File: BN037262.D
Acq: 14 Jun 2025 15:11

Tgt Ion:	82	Resp:	566
Ion	Ratio	Lower	Upper
82	100		
128	53.8	31.2	46.8#
54	87.2	63.3	94.9

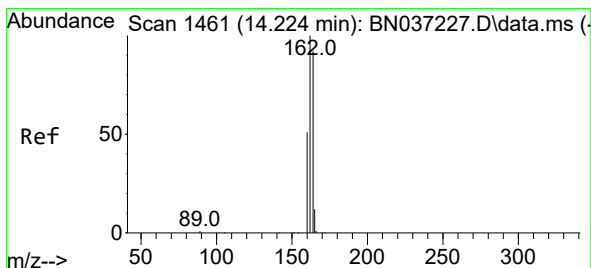
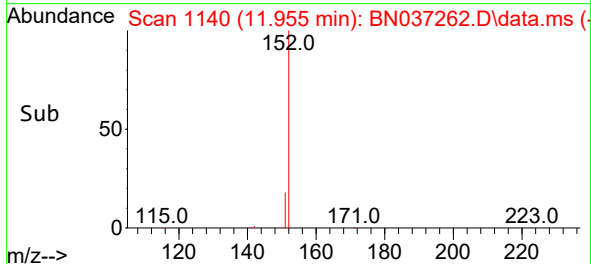
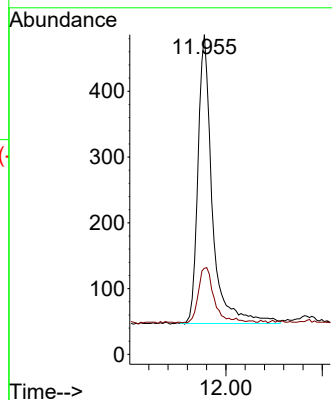
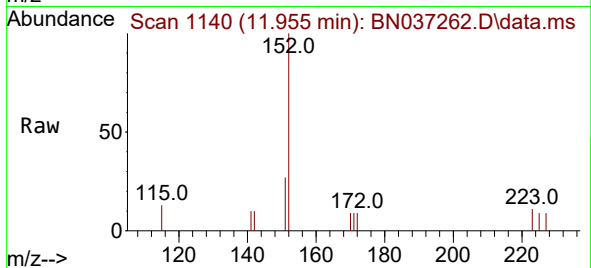




#11
2-Methylnaphthalene-d10
Concen: 0.296 ng
RT: 11.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BN037262.D
Acq: 14 Jun 2025 15:11

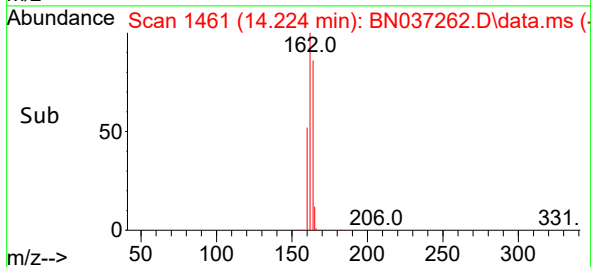
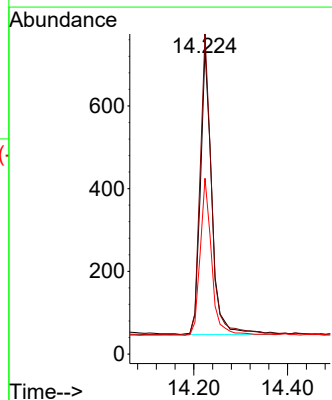
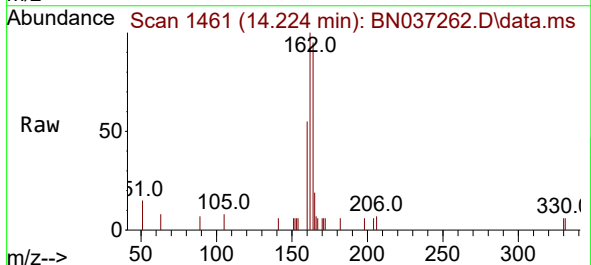
Instrument :
BNA_N
ClientSampleId :
TT17411-20250610

Tgt Ion:152 Resp: 908
Ion Ratio Lower Upper
152 100
151 20.5 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: BN037262.D
Acq: 14 Jun 2025 15:11

Tgt Ion:164 Resp: 1178
Ion Ratio Lower Upper
164 100
162 104.9 86.7 130.1
160 57.6 45.8 68.6

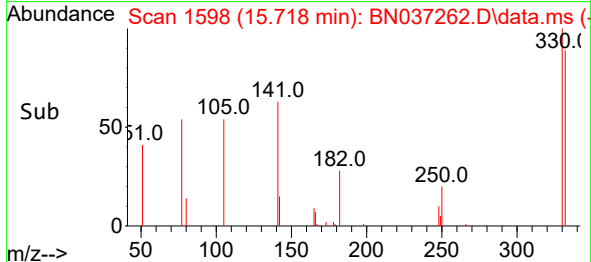
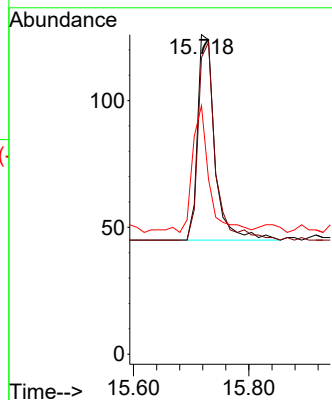
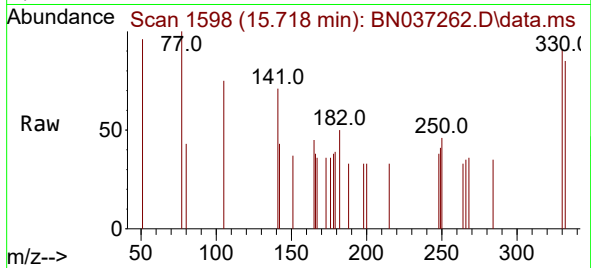




#14
2,4,6-Tribromophenol
Concen: 0.343 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BN037262.D
Acq: 14 Jun 2025 15:11

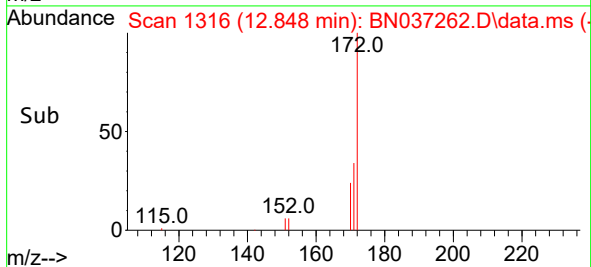
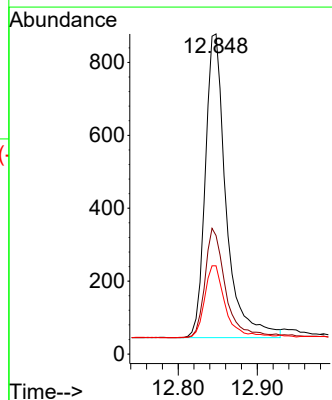
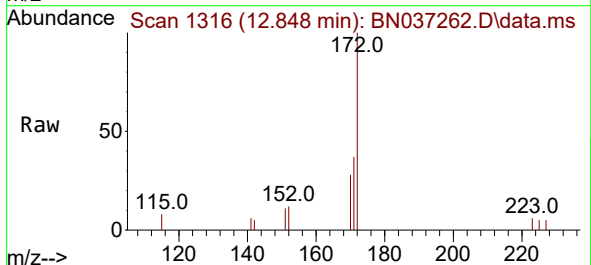
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ClientSampleId :
TT17411-20250610

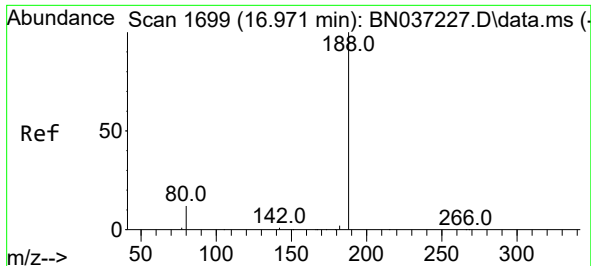
Tgt Ion:330 Resp: 168
Ion Ratio Lower Upper
330 100
332 95.8 74.9 112.3
141 60.1 45.1 67.7



#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 12.848 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN037262.D
Acq: 14 Jun 2025 15:11

Tgt Ion:172 Resp: 1525
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.8
170 27.6 21.1 31.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.971 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037262.D

Acq: 14 Jun 2025 15:11

Instrument :

BNA_N

ClientSampleId :

TT17411-20250610

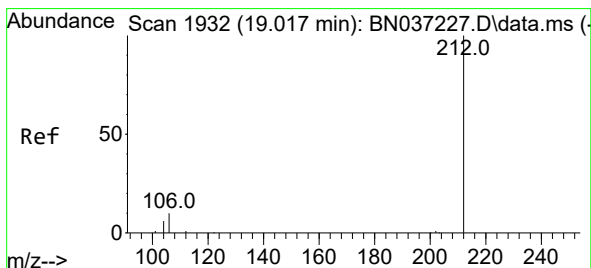
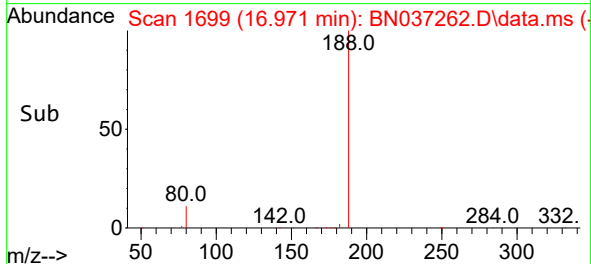
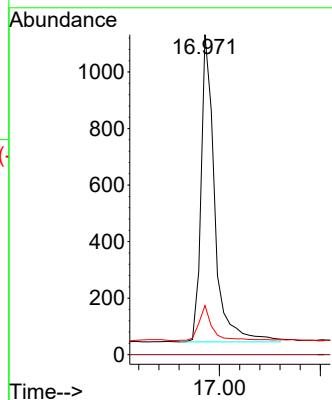
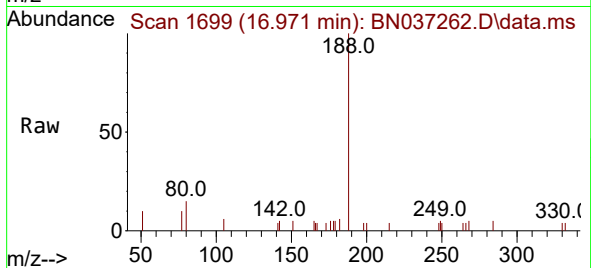
Tgt Ion:188 Resp: 2047

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.4 12.2 18.4



#27

Fluoranthene-d10

Concen: 0.360 ng

RT: 19.012 min Scan# 1931

Delta R.T. -0.005 min

Lab File: BN037262.D

Acq: 14 Jun 2025 15:11

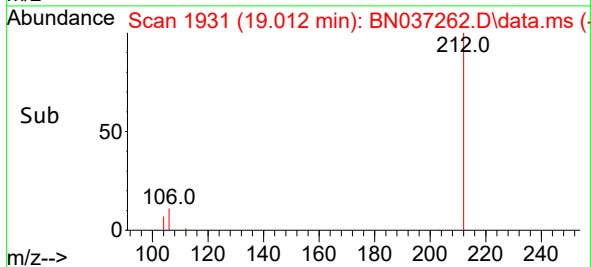
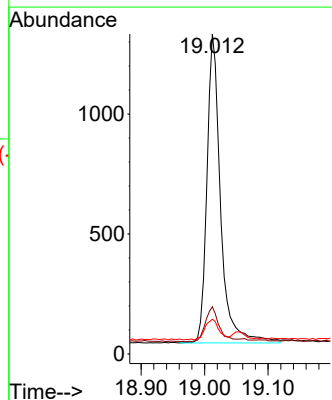
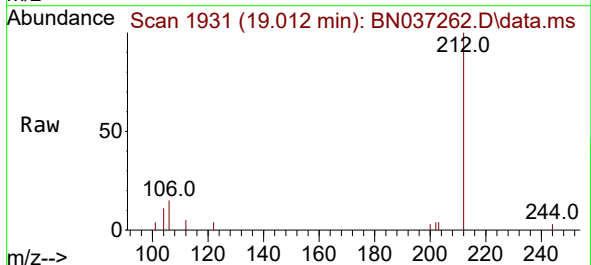
Tgt Ion:212 Resp: 1926

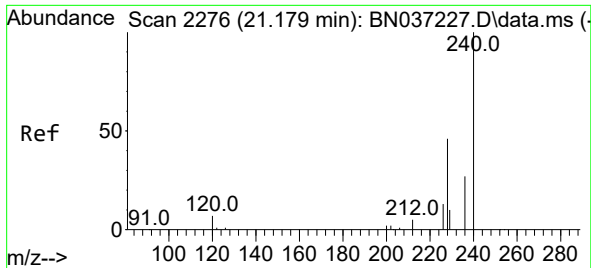
Ion Ratio Lower Upper

212 100

106 11.3 9.3 13.9

104 6.7 5.7 8.5

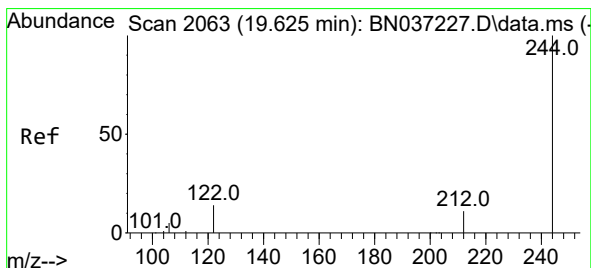
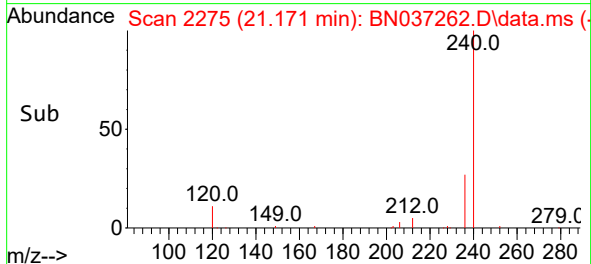
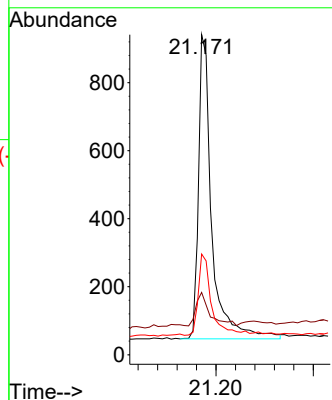
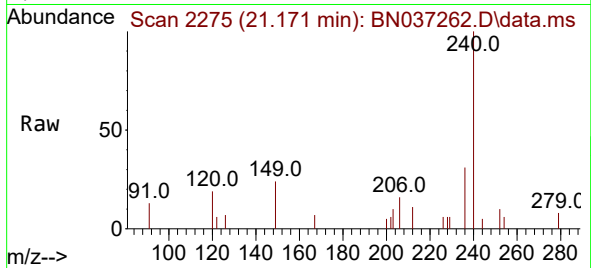




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037262.D
Acq: 14 Jun 2025 15:11

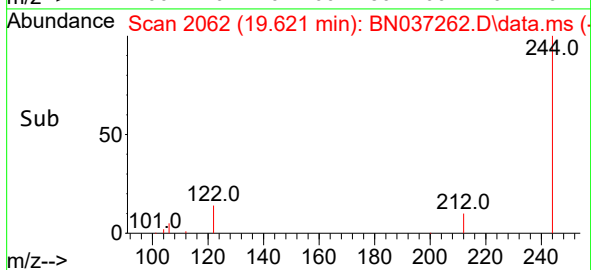
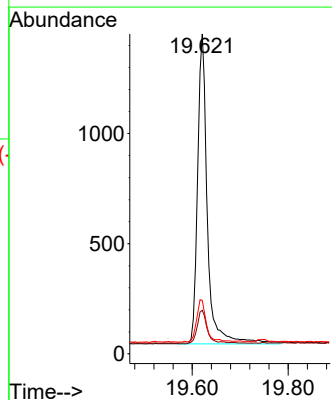
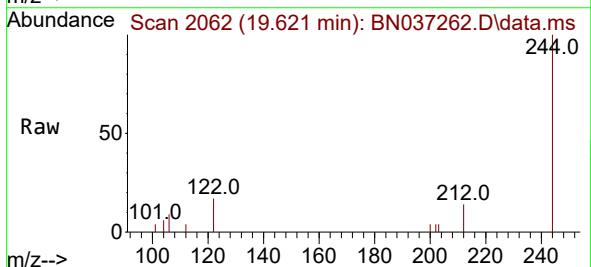
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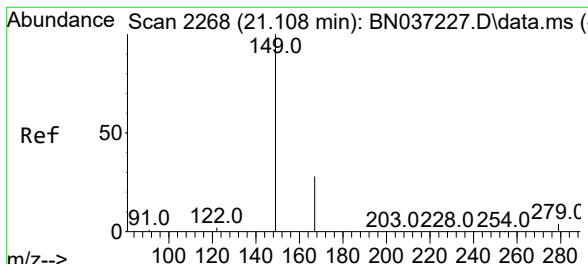
Tgt Ion:240 Resp: 1682
Ion Ratio Lower Upper
240 100
120 19.4 11.3 16.9#
236 31.5 24.4 36.6



#31
Terphenyl-d14
Concen: 0.529 ng
RT: 19.621 min Scan# 2062
Delta R.T. -0.005 min
Lab File: BN037262.D
Acq: 14 Jun 2025 15:11

Tgt Ion:244 Resp: 2012
Ion Ratio Lower Upper
244 100
212 13.6 12.2 18.2
122 16.7 14.3 21.5

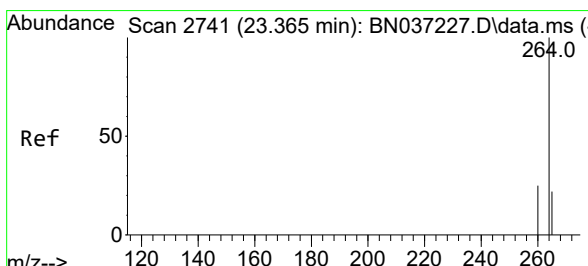
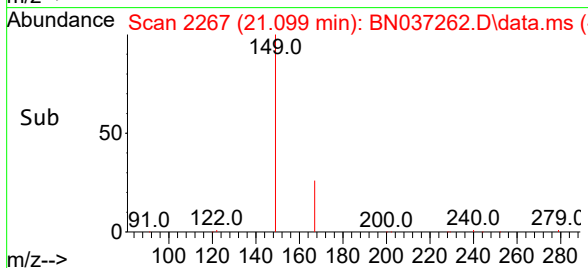
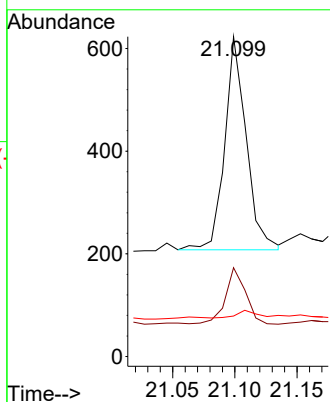
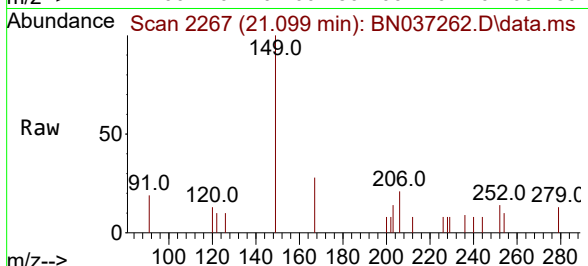




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.118 ng
 RT: 21.099 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037262.D
 Acq: 14 Jun 2025 15:11

Instrument :
 BNA_N
 ClientSampleId :
 TT17411-20250610

Tgt Ion:	149	Resp:	500
Ion Ratio	Lower	Upper	
149	100		
167	24.8	21.3	31.9
279	4.2	3.3	4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.363 min Scan# 2740
 Delta R.T. -0.003 min
 Lab File: BN037262.D
 Acq: 14 Jun 2025 15:11

Tgt Ion:	264	Resp:	1693
Ion Ratio	Lower	Upper	
264	100		
260	28.9	22.8	34.2
265	93.6	66.4	99.6

