

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037254.D
 Acq On : 14 Jun 2025 08:22
 Operator : RC/JU
 Sample : Q2299-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT15811-20250610

Quant Time: Jun 16 01:01:12 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)

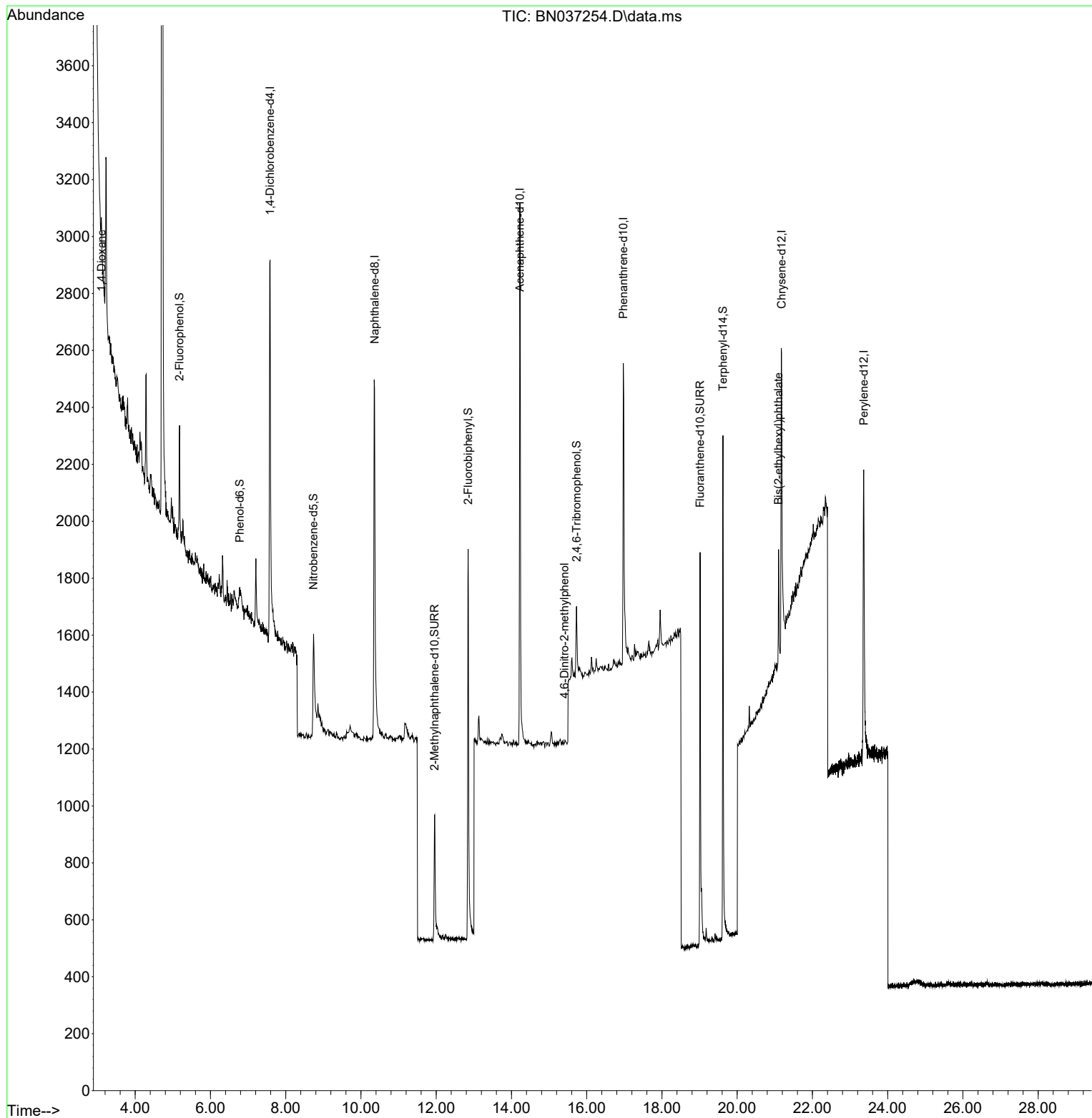
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	883	0.400	ng	0.00
7) Naphthalene-d8	10.361	136	2223	0.400	ng	# 0.00
13) Acenaphthene-d10	14.224	164	1185	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	1991	0.400	ng	0.00
29) Chrysene-d12	21.180	240	1557	0.400	ng	# 0.00
35) Perylene-d12	23.363	264	1567	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	276	0.127	ng	0.00
5) Phenol-d6	6.780	99	134	0.059	ng	0.02
8) Nitrobenzene-d5	8.739	82	545	0.248	ng	0.01
11) 2-Methylnaphthalene-d10	11.955	152	873	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	179	0.364	ng	0.00
15) 2-Fluorobiphenyl	12.848	172	1556	0.312	ng	0.00
27) Fluoranthene-d10	19.012	212	1903	0.365	ng	0.00
31) Terphenyl-d14	19.621	244	2004	0.569	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	59	0.049	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.410	198	1	0.118	ng	# 35
34) Bis(2-ethylhexyl)phtha...	21.099	149	378	0.097	ng	# 92

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

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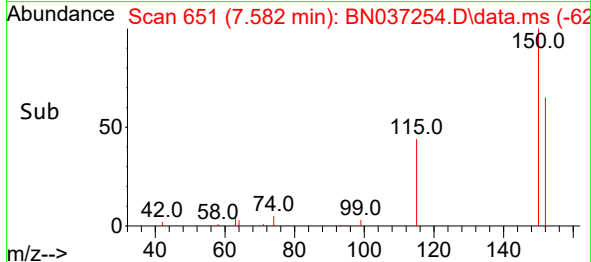
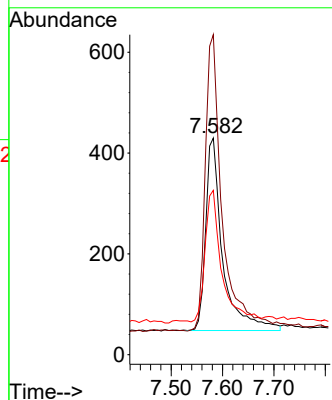
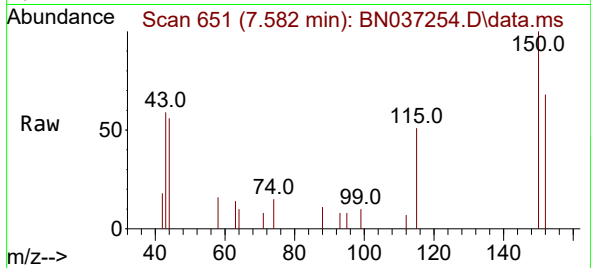




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.582 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN037254.D
 Acq: 14 Jun 2025 08:22

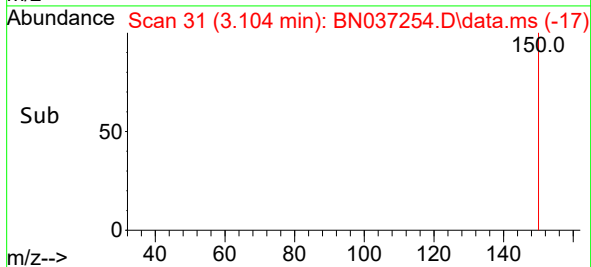
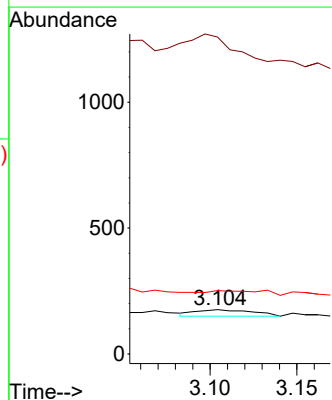
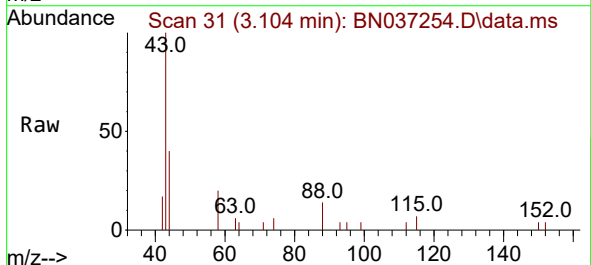
Instrument :
 BNA_N
 ClientSampleId :
 TT15811-20250610

Tgt Ion:152 Resp: 883
 Ion Ratio Lower Upper
 152 100
 150 147.7 125.2 187.8
 115 75.8 58.4 87.6



#2
 1,4-Dioxane
 Concen: 0.049 ng
 RT: 3.104 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN037254.D
 Acq: 14 Jun 2025 08:22

Tgt Ion: 88 Resp: 59
 Ion Ratio Lower Upper
 88 100
 43 567.8 52.6 79.0#
 58 0.0 73.5 110.3#

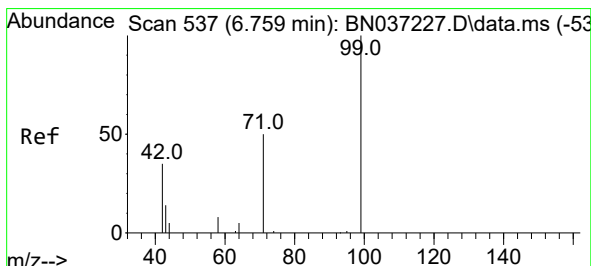
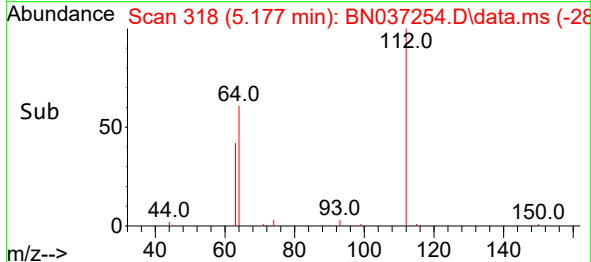
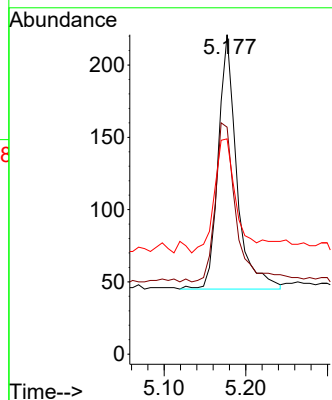
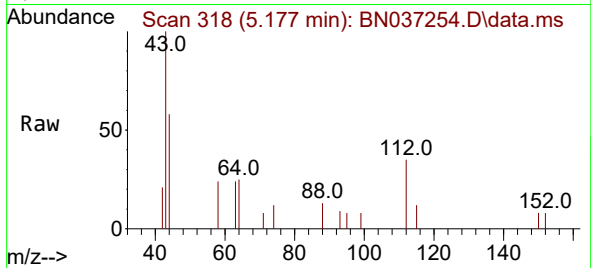




#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.177 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN037254.D
Acq: 14 Jun 2025 08:22

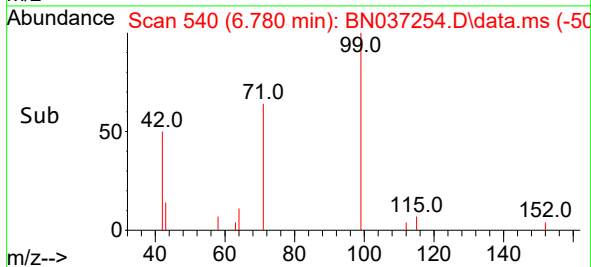
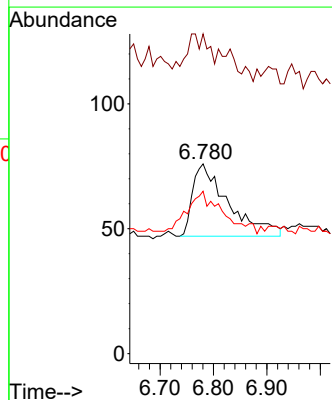
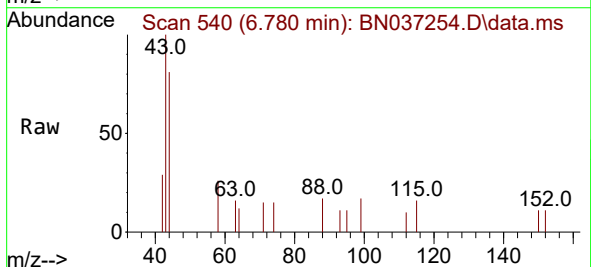
Instrument :
BNA_N
ClientSampleId :
TT15811-20250610

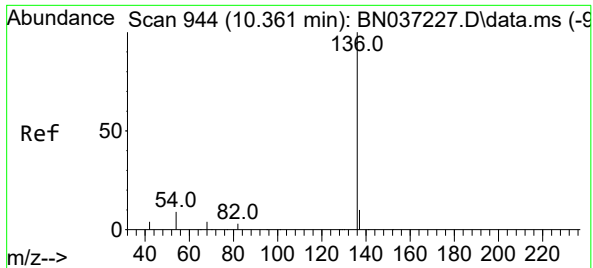
Tgt Ion:112 Resp: 276
Ion Ratio Lower Upper
112 100
64 71.4 57.2 85.8
63 51.8 39.8 59.6



#5
Phenol-d6
Concen: 0.059 ng
RT: 6.780 min Scan# 540
Delta R.T. 0.022 min
Lab File: BN037254.D
Acq: 14 Jun 2025 08:22

Tgt Ion: 99 Resp: 134
Ion Ratio Lower Upper
99 100
42 0.0 36.2 54.4#
71 59.0 42.4 63.6

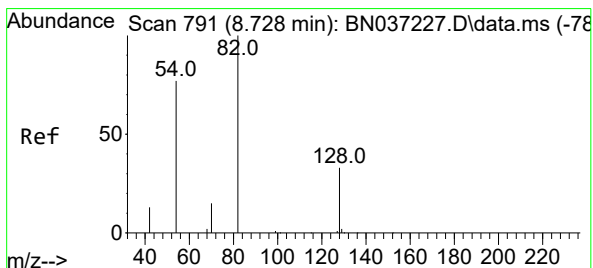
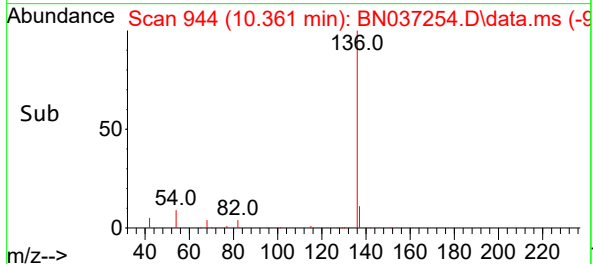
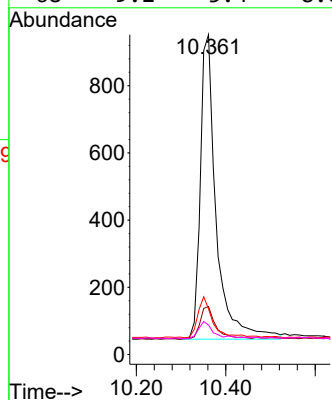
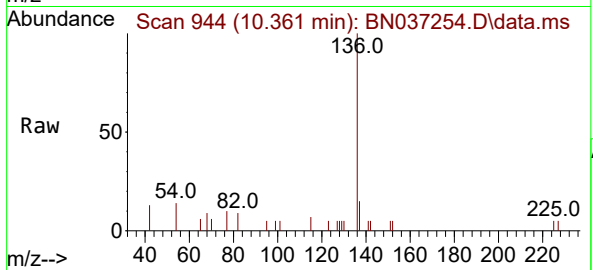




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.361 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN037254.D
Acq: 14 Jun 2025 08:22

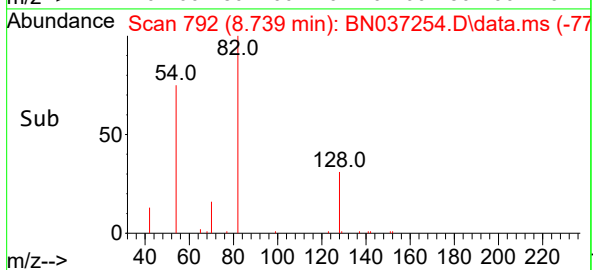
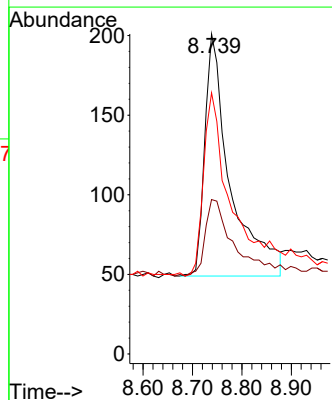
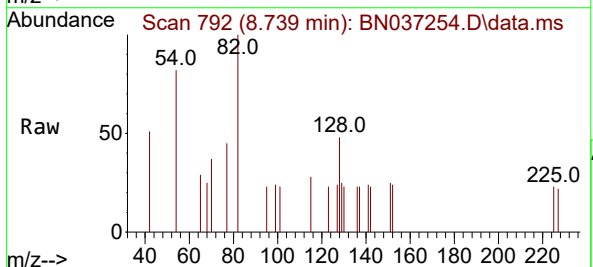
Instrument :
BNA_N
ClientSampleId :
TT15811-20250610

Tgt Ion:	136	Resp:	2223
Ion	Ratio	Lower	Upper
136	100		
137	15.0	10.6	15.8
54	14.3	9.2	13.8#
68	9.2	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.248 ng
RT: 8.739 min Scan# 792
Delta R.T. 0.011 min
Lab File: BN037254.D
Acq: 14 Jun 2025 08:22

Tgt Ion:	82	Resp:	545
Ion	Ratio	Lower	Upper
82	100		
128	48.3	31.2	46.8#
54	81.6	63.3	94.9





#11

2-Methylnaphthalene-d10

Concen: 0.293 ng

RT: 11.955 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BN037254.D

Acq: 14 Jun 2025 08:22

Instrument :

BNA_N

ClientSampleId :

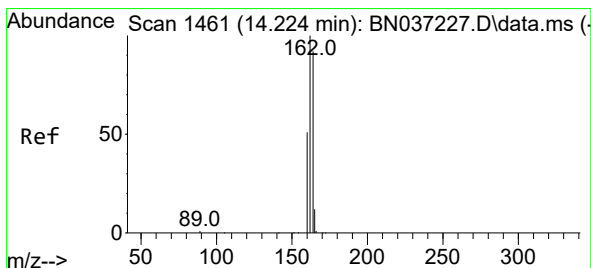
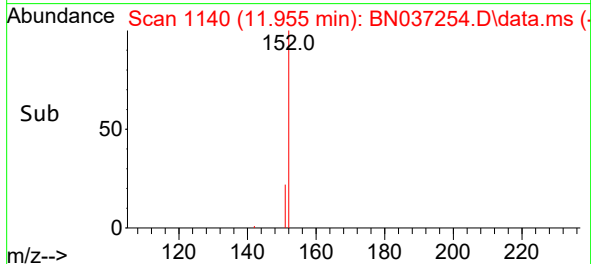
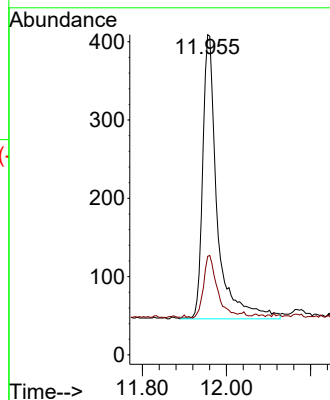
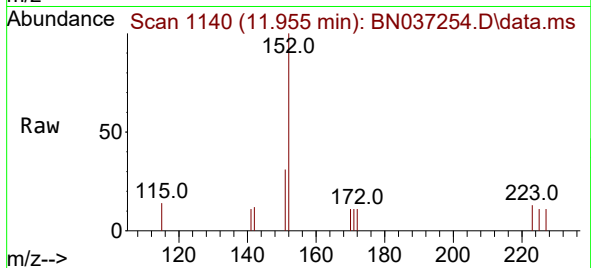
TT15811-20250610

Tgt Ion:152 Resp: 873

Ion Ratio Lower Upper

152 100

151 21.1 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: BN037254.D

Acq: 14 Jun 2025 08:22

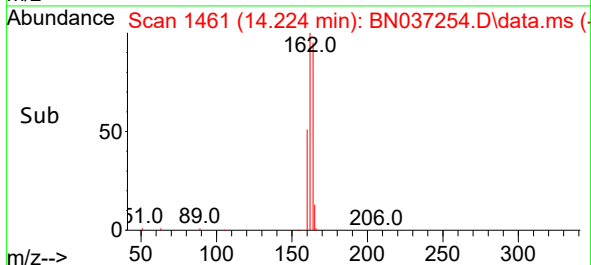
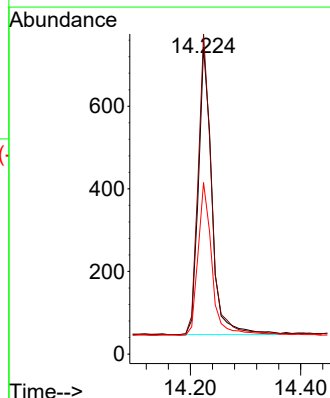
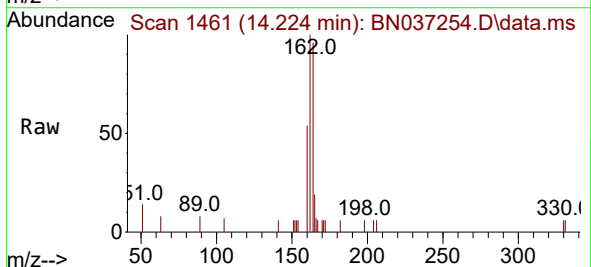
Tgt Ion:164 Resp: 1185

Ion Ratio Lower Upper

164 100

162 104.3 86.7 130.1

160 55.9 45.8 68.6

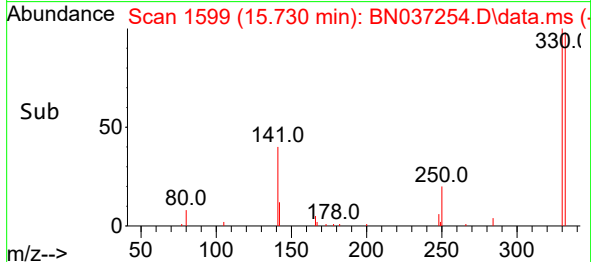
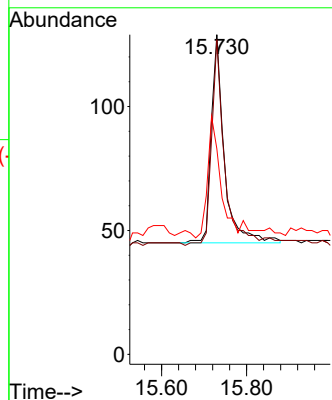
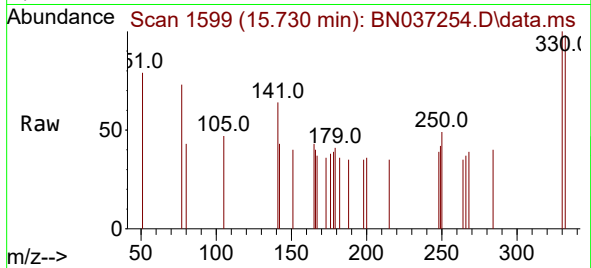




#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 15.730 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BN037254.D
Acq: 14 Jun 2025 08:22

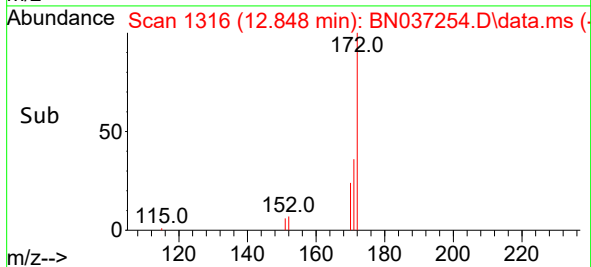
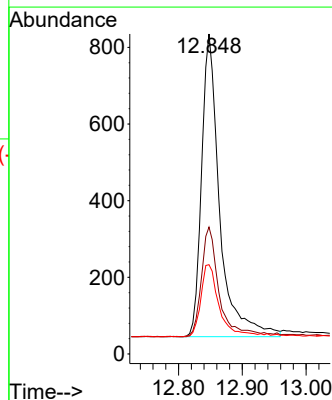
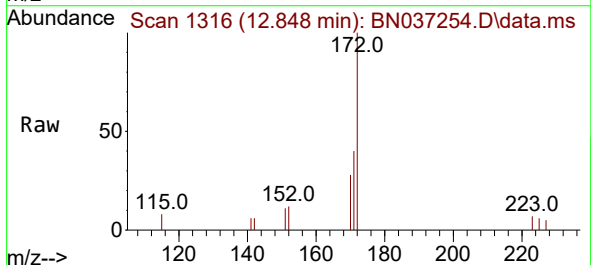
Instrument :
BNA_N
ClientSampleId :
TT15811-20250610

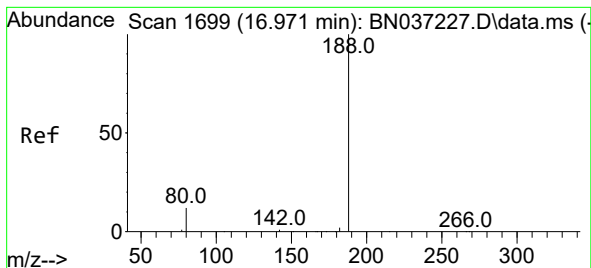
Tgt Ion:	330	Resp:	179
Ion	Ratio	Lower	Upper
330	100		
332	98.9	74.9	112.3
141	62.6	45.1	67.7



#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.848 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN037254.D
Acq: 14 Jun 2025 08:22

Tgt Ion:	172	Resp:	1556
Ion	Ratio	Lower	Upper
172	100		
171	39.6	29.8	44.8
170	27.9	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: BN037254.D

Acq: 14 Jun 2025 08:22

Instrument :

BNA_N

ClientSampleId :

TT15811-20250610

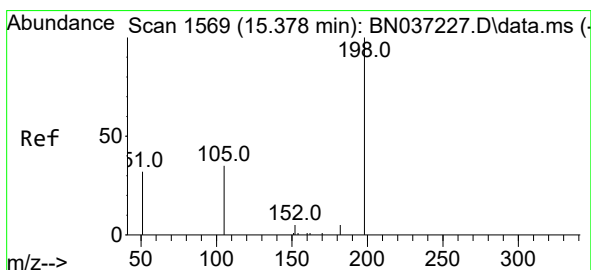
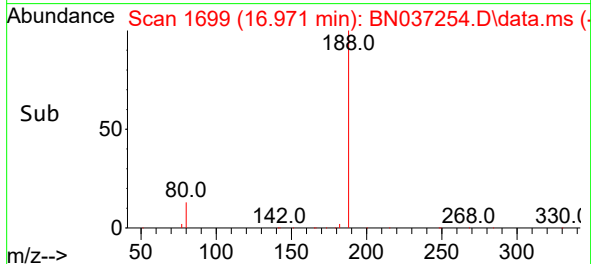
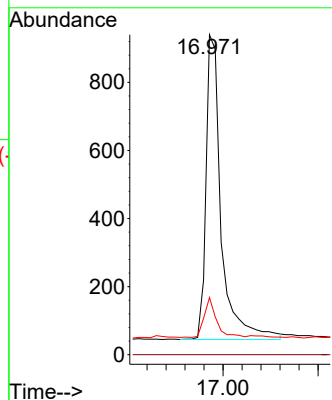
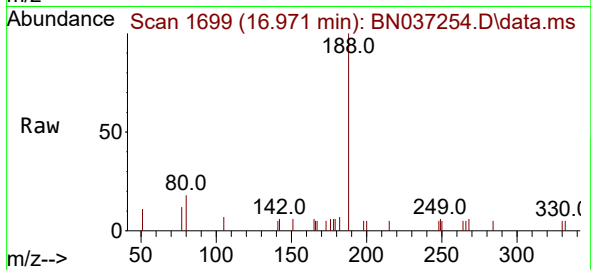
Tgt Ion:188 Resp: 1991

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 17.9 12.2 18.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.118 ng

RT: 15.410 min Scan# 1572

Delta R.T. 0.032 min

Lab File: BN037254.D

Acq: 14 Jun 2025 08:22

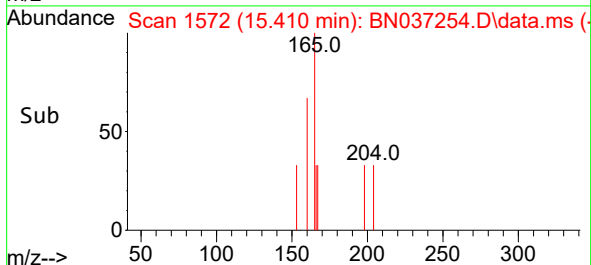
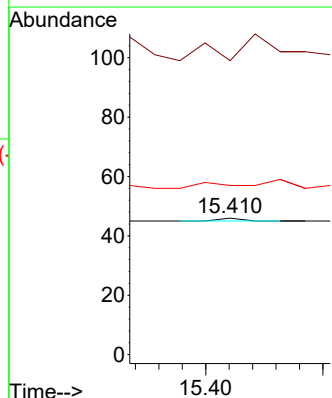
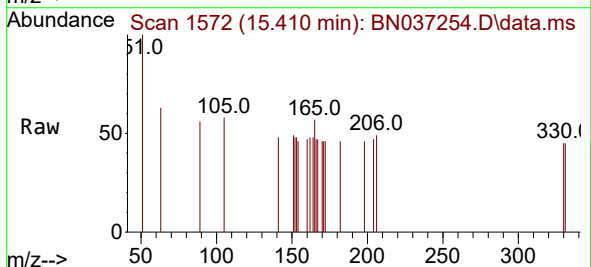
Tgt Ion:198 Resp: 1

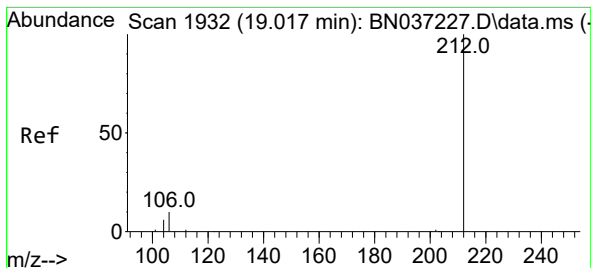
Ion Ratio Lower Upper

198 100

51 215.2 111.2 166.8#

105 123.9 54.0 81.0#





#27

Fluoranthene-d10

Concen: 0.365 ng

RT: 19.012 min Scan# 1931

Delta R.T. -0.005 min

Lab File: BN037254.D

Acq: 14 Jun 2025 08:22

Instrument :

BNA_N

ClientSampleId :

TT15811-20250610

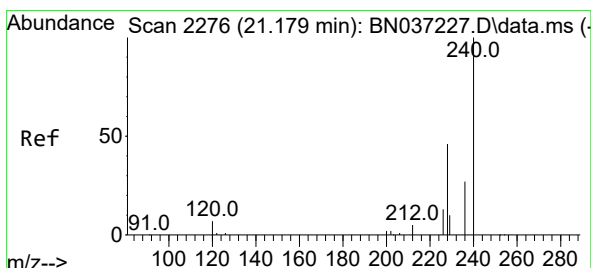
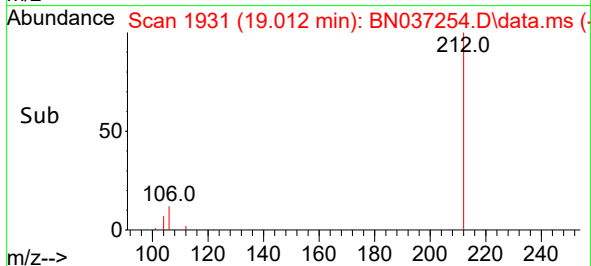
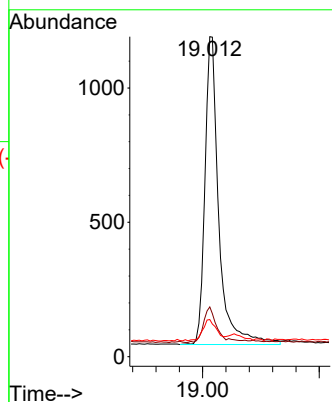
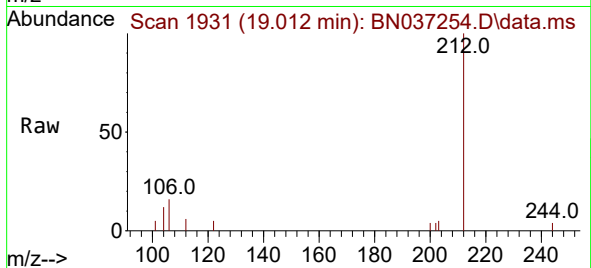
Tgt Ion:212 Resp: 1903

Ion Ratio Lower Upper

212 100

106 11.4 9.3 13.9

104 6.7 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: BN037254.D

Acq: 14 Jun 2025 08:22

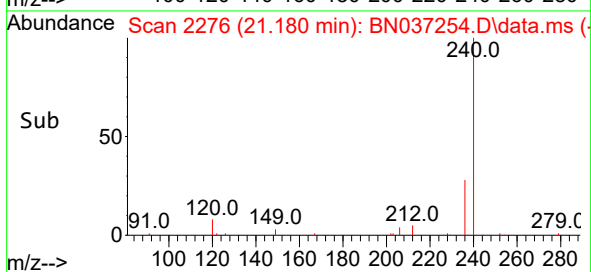
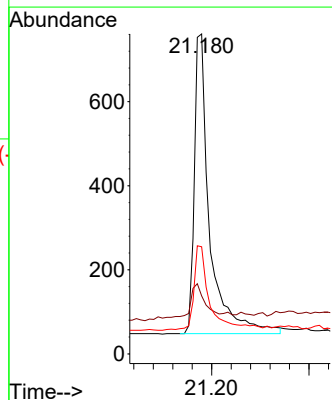
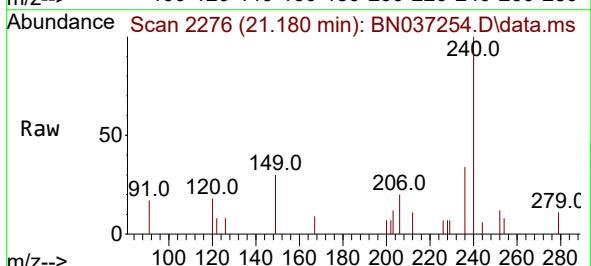
Tgt Ion:240 Resp: 1557

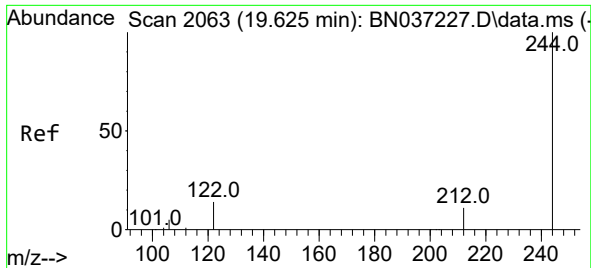
Ion Ratio Lower Upper

240 100

120 18.1 11.3 16.9

236 33.5 24.4 36.6

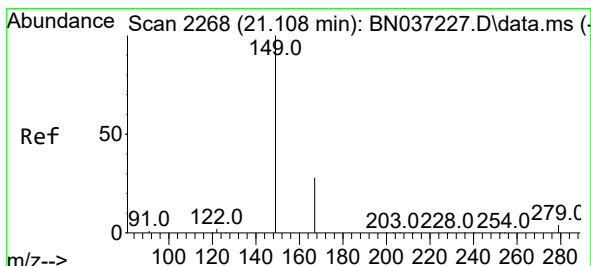
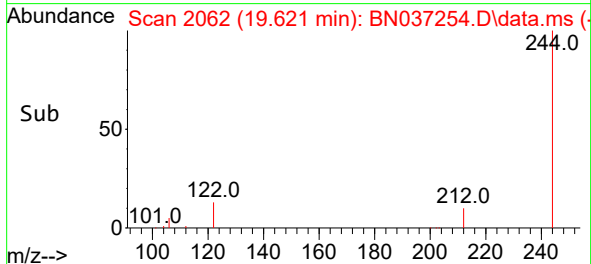
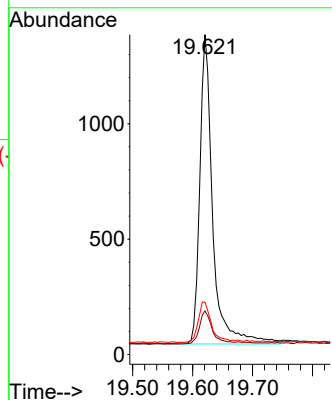
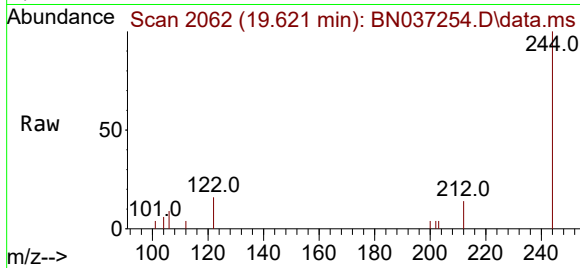




#31
 Terphenyl-d14
 Concen: 0.569 ng
 RT: 19.621 min Scan# 2063
 Delta R.T. -0.005 min
 Lab File: BN037254.D
 Acq: 14 Jun 2025 08:22

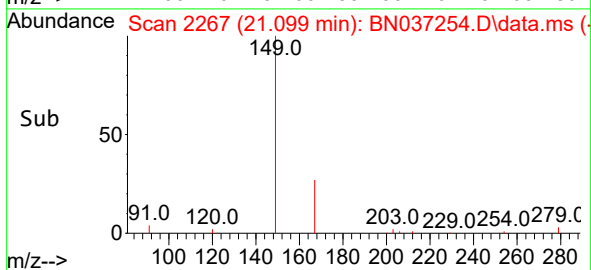
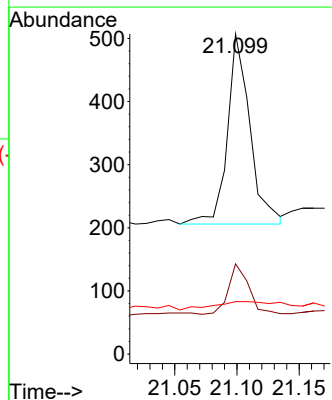
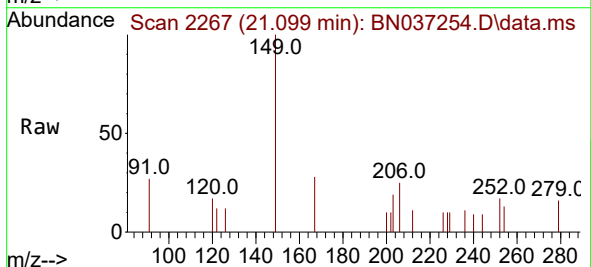
Instrument :
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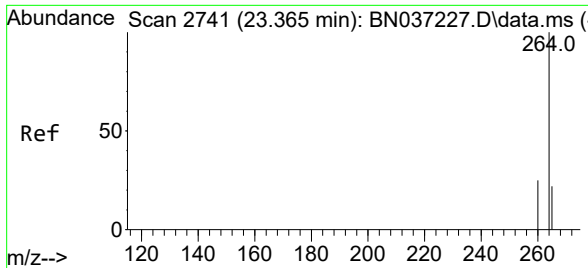
Tgt Ion:244 Resp: 2004
 Ion Ratio Lower Upper
 244 100
 212 13.6 12.2 18.2
 122 16.4 14.3 21.5



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.097 ng
 RT: 21.099 min Scan# 2267
 Delta R.T. -0.009 min
 Lab File: BN037254.D
 Acq: 14 Jun 2025 08:22

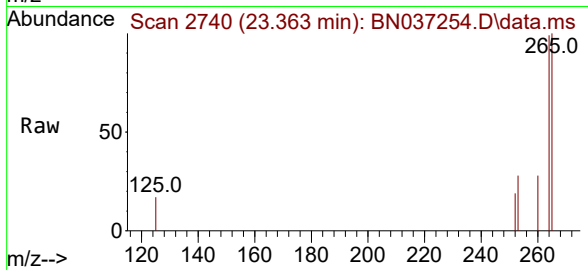
Tgt Ion:149 Resp: 378
 Ion Ratio Lower Upper
 149 100
 167 24.1 21.3 31.9
 279 14.0 3.3 4.9#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.363 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BN037254.D
 Acq: 14 Jun 2025 08:22

Instrument :
 BNA_N
 ClientSampleId :
 TT15811-20250610



Tgt Ion:264 Resp: 1567
 Ion Ratio Lower Upper
 264 100
 260 28.6 22.8 34.2
 265 101.5 66.4 99.6#

