

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037264.D
 Acq On : 14 Jun 2025 16:23
 Operator : RC/JU
 Sample : Q2299-17
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20250610

Quant Time: Jun 16 02:43:41 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)

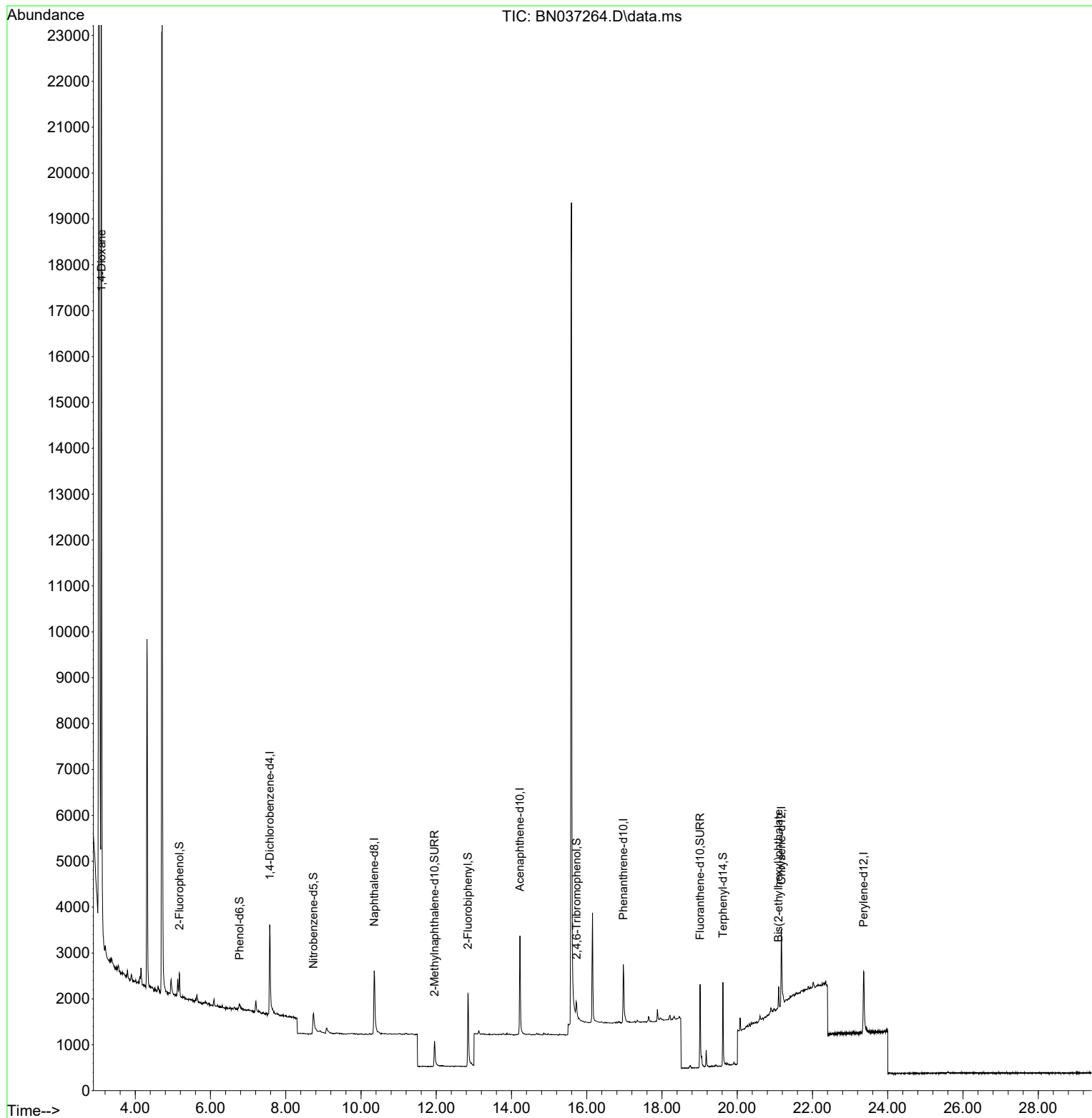
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1012	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	2458	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1295	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2300	0.400	ng	0.00
29) Chrysene-d12	21.171	240	2027	0.400	ng	# 0.00
35) Perylene-d12	23.360	264	2087	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	366	0.147	ng	0.00
5) Phenol-d6	6.773	99	168	0.064	ng	0.01
8) Nitrobenzene-d5	8.739	82	701	0.289	ng	0.01
11) 2-Methylnaphthalene-d10	11.955	152	1060	0.321	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	199	0.370	ng	0.00
15) 2-Fluorobiphenyl	12.843	172	1753	0.322	ng	0.00
27) Fluoranthene-d10	19.012	212	2488	0.413	ng	0.00
31) Terphenyl-d14	19.621	244	1883	0.411	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.104	88	9353	6.736	ng	97
34) Bis(2-ethylhexyl)phtha...	21.099	149	448	0.088	ng	# 96

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

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RE134D3-20250610

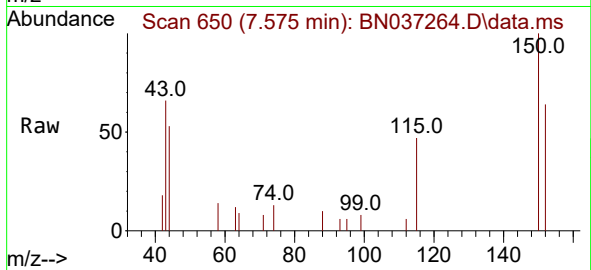
Quant Time: Jun 16 02:43:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
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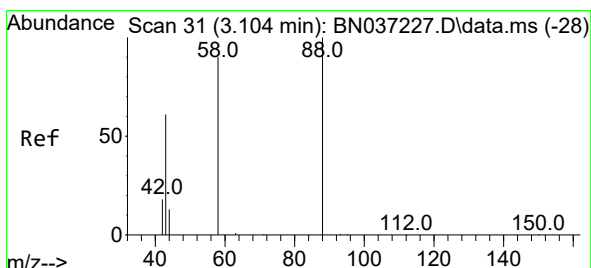
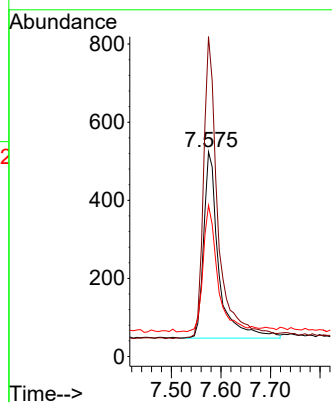
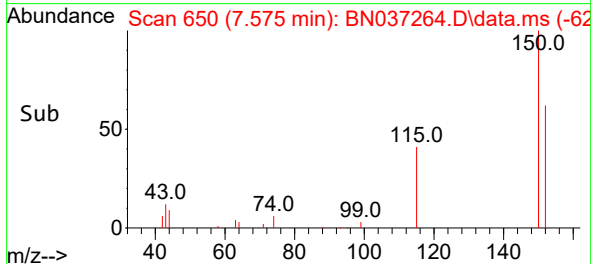


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037264.D
 Acq: 14 Jun 2025 16:23

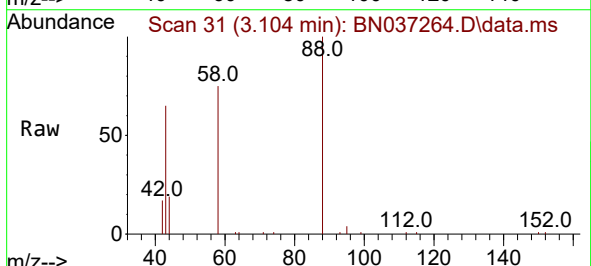
Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20250610



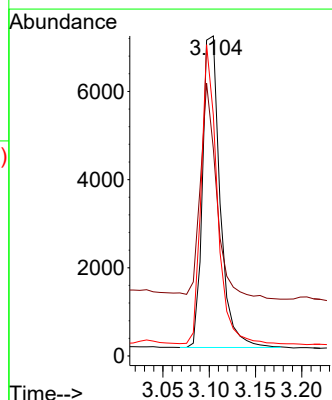
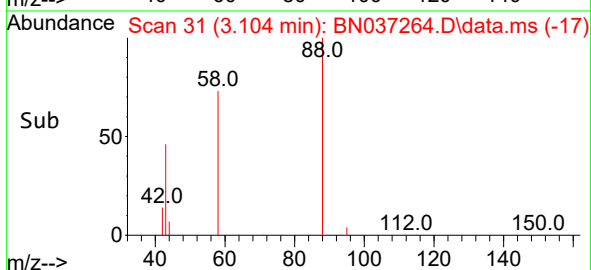
Tgt Ion:152 Resp: 1012
 Ion Ratio Lower Upper
 152 100
 150 156.3 125.2 187.8
 115 73.9 58.4 87.6



#2
 1,4-Dioxane
 Concen: 6.736 ng
 RT: 3.104 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN037264.D
 Acq: 14 Jun 2025 16:23



Tgt Ion: 88 Resp: 9353
 Ion Ratio Lower Upper
 88 100
 43 65.5 52.6 79.0
 58 86.6 73.5 110.3

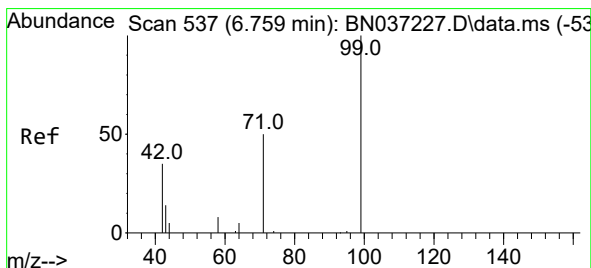
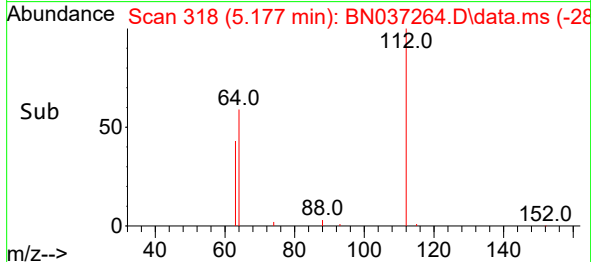
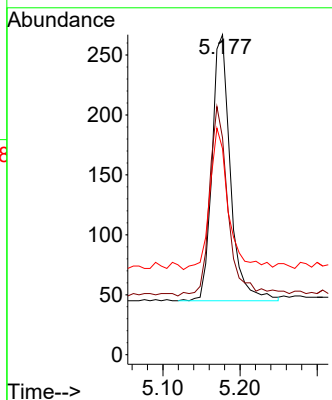
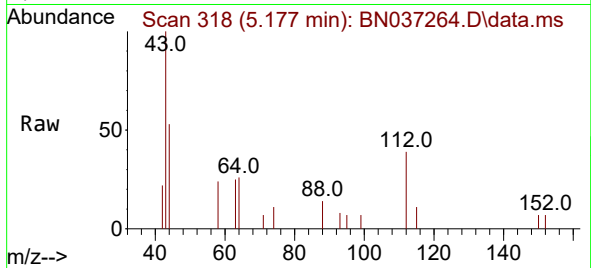




#4
2-Fluorophenol
Concen: 0.147 ng
RT: 5.177 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN037264.D
Acq: 14 Jun 2025 16:23

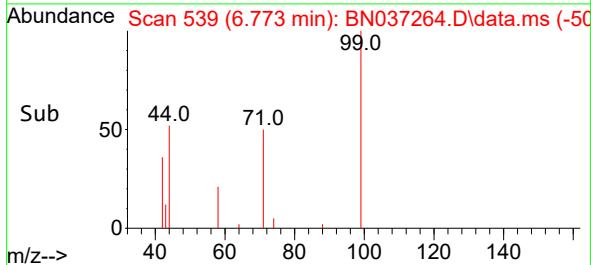
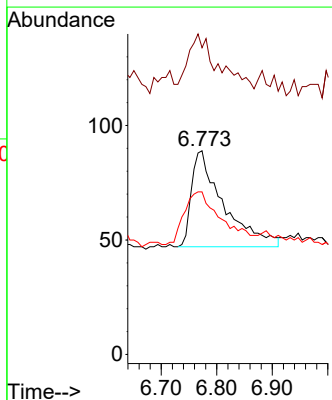
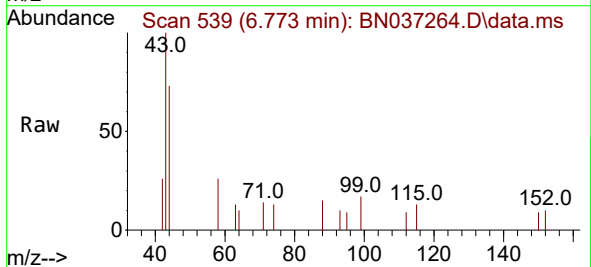
Instrument :
BNA_N
ClientSampleId :
RE134D3-20250610

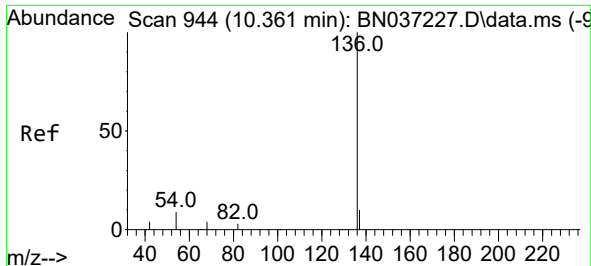
Tgt Ion:112 Resp: 366
Ion Ratio Lower Upper
112 100
64 73.8 57.2 85.8
63 54.1 39.8 59.6



#5
Phenol-d6
Concen: 0.064 ng
RT: 6.773 min Scan# 539
Delta R.T. 0.015 min
Lab File: BN037264.D
Acq: 14 Jun 2025 16:23

Tgt Ion: 99 Resp: 168
Ion Ratio Lower Upper
99 100
42 53.6 36.2 54.4
71 63.7 42.4 63.6#

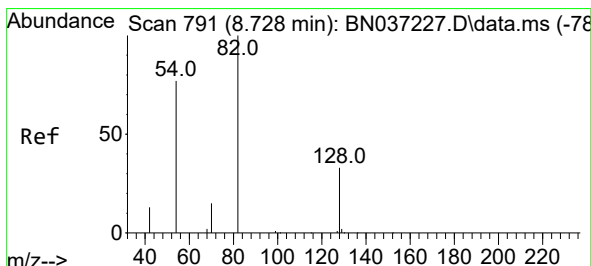
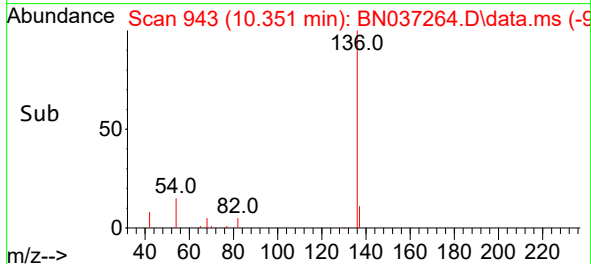
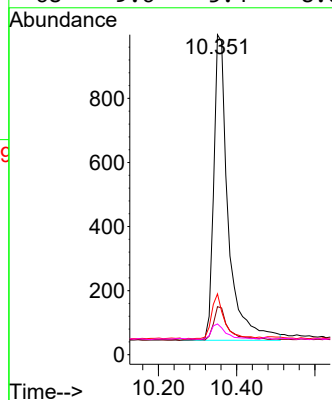
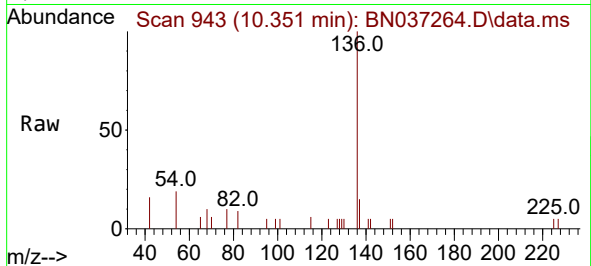




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 944
Delta R.T. -0.011 min
Lab File: BN037264.D
Acq: 14 Jun 2025 16:23

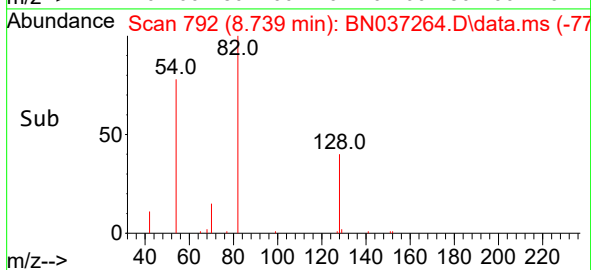
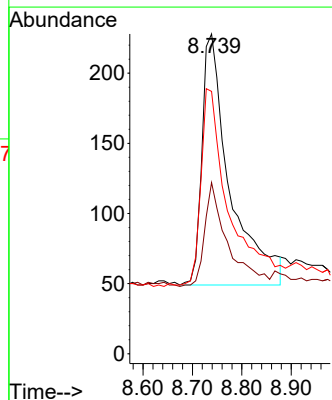
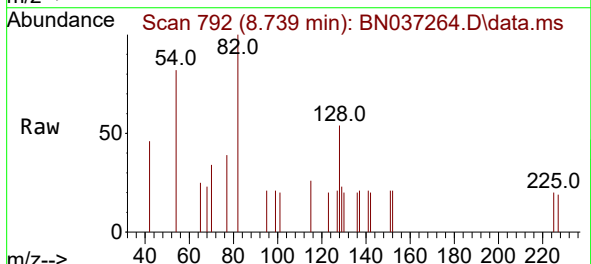
Instrument :
BNA_N
ClientSampleId :
RE134D3-20250610

Tgt Ion:	136	Resp:	2458
Ion	Ratio	Lower	Upper
136	100		
137	15.0	10.6	15.8
54	19.0	9.2	13.8#
68	9.6	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 8.739 min Scan# 792
Delta R.T. 0.011 min
Lab File: BN037264.D
Acq: 14 Jun 2025 16:23

Tgt Ion:	82	Resp:	701
Ion	Ratio	Lower	Upper
82	100		
128	53.5	31.2	46.8#
54	82.0	63.3	94.9

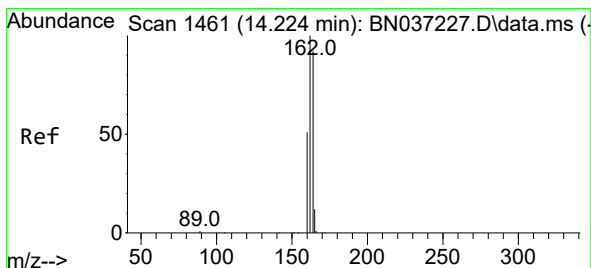
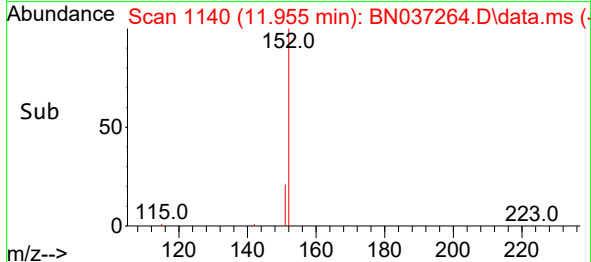
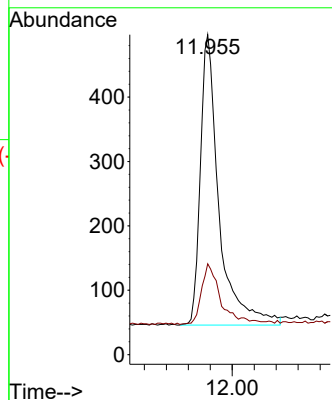
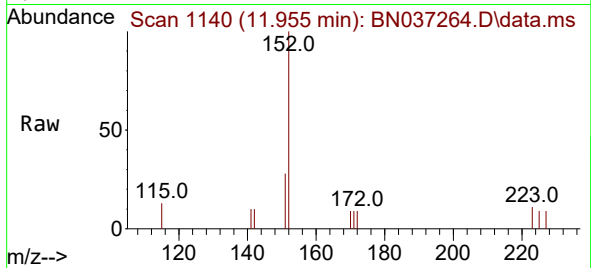




#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 11.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BN037264.D
Acq: 14 Jun 2025 16:23

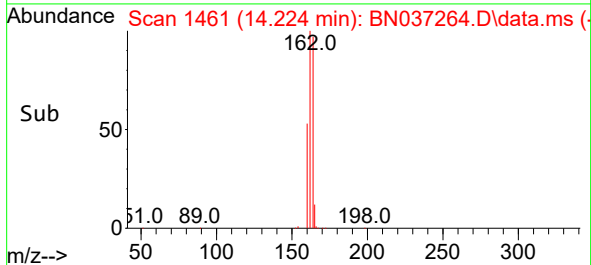
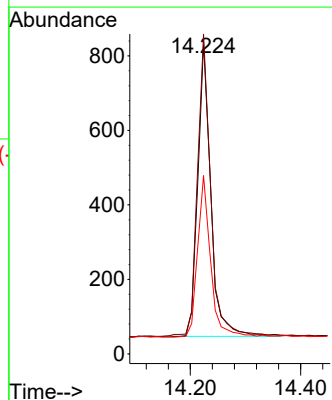
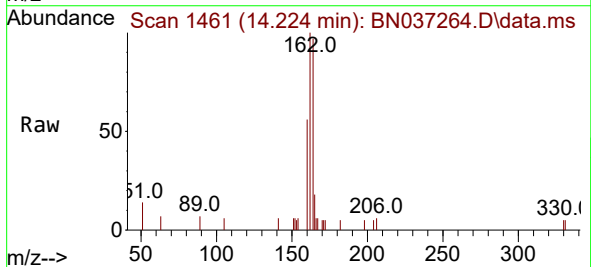
Instrument :
BNA_N
ClientSampleId :
RE134D3-20250610

Tgt Ion:152 Resp: 1060
Ion Ratio Lower Upper
152 100
151 21.7 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: BN037264.D
Acq: 14 Jun 2025 16:23

Tgt Ion:164 Resp: 1295
Ion Ratio Lower Upper
164 100
162 102.8 86.7 130.1
160 57.3 45.8 68.6

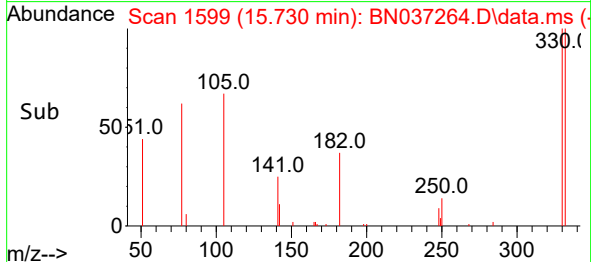
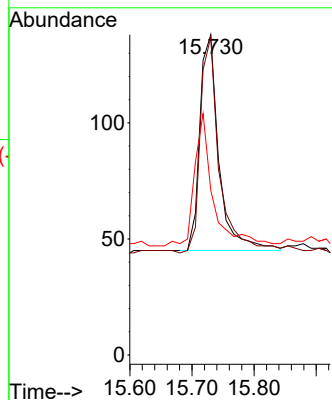
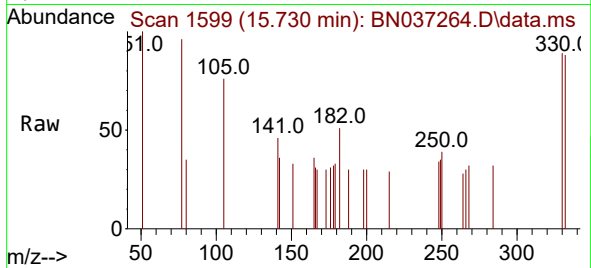




#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 15.730 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037264.D
Acq: 14 Jun 2025 16:23

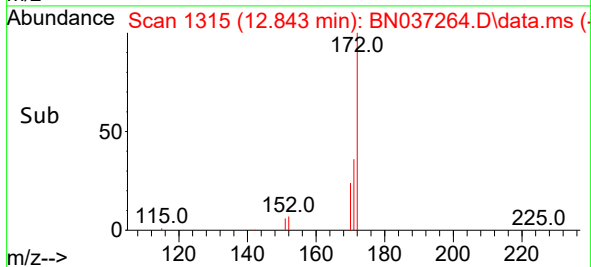
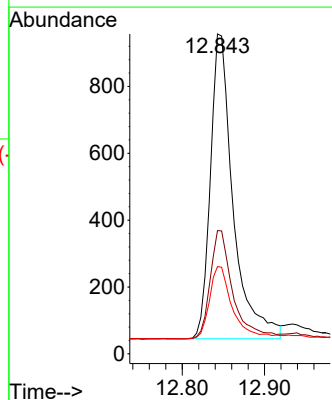
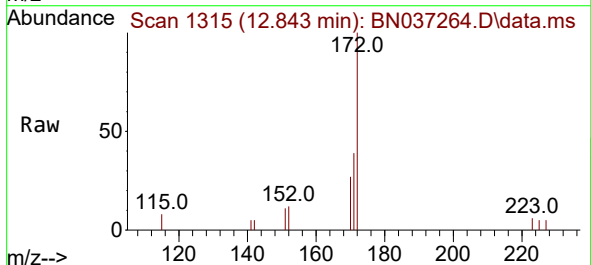
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BNA_N
ClientSampleId :
RE134D3-20250610

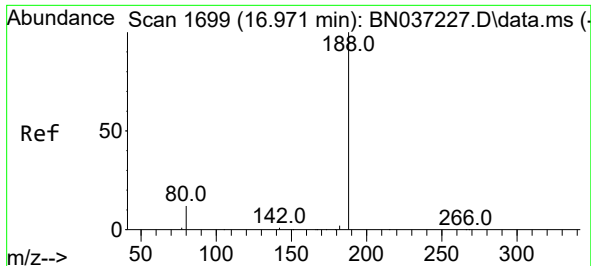
Tgt Ion:330 Resp: 199
Ion Ratio Lower Upper
330 100
332 103.0 74.9 112.3
141 59.3 45.1 67.7



#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 12.843 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BN037264.D
Acq: 14 Jun 2025 16:23

Tgt Ion:172 Resp: 1753
Ion Ratio Lower Upper
172 100
171 38.6 29.8 44.8
170 27.3 21.1 31.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.971 min Scan# 1699

Delta R.T. 0.000 min

Lab File: BN037264.D

Acq: 14 Jun 2025 16:23

Instrument :

BNA_N

ClientSampleId :

RE134D3-20250610

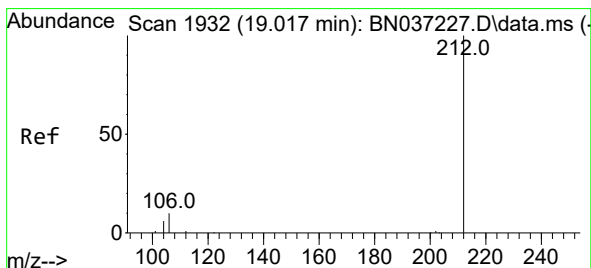
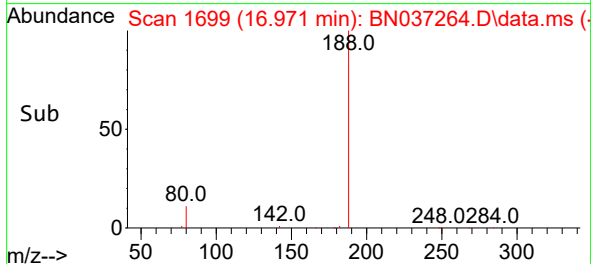
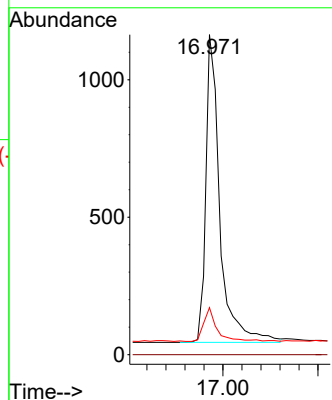
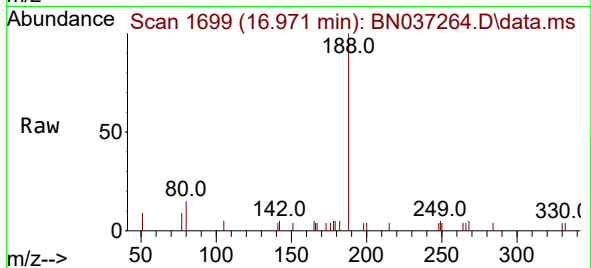
Tgt Ion:188 Resp: 2300

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.7 12.2 18.4



#27

Fluoranthene-d10

Concen: 0.413 ng

RT: 19.012 min Scan# 1931

Delta R.T. -0.004 min

Lab File: BN037264.D

Acq: 14 Jun 2025 16:23

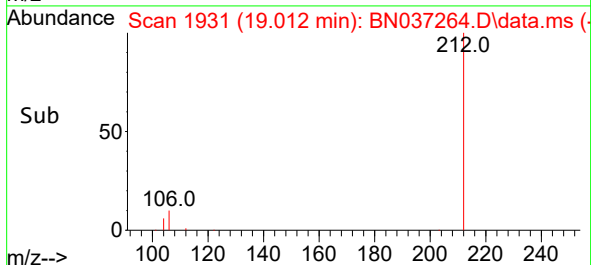
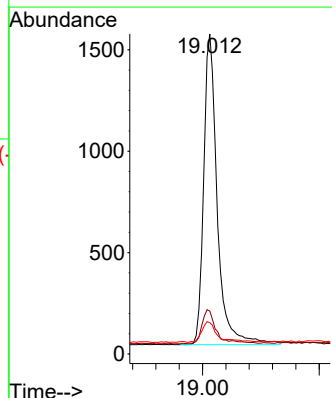
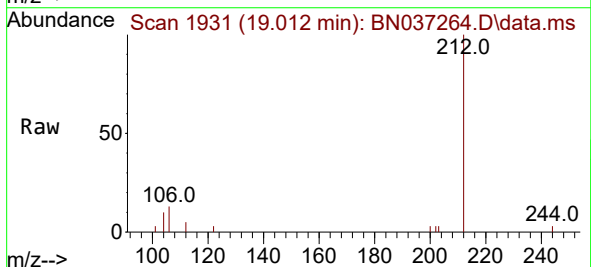
Tgt Ion:212 Resp: 2488

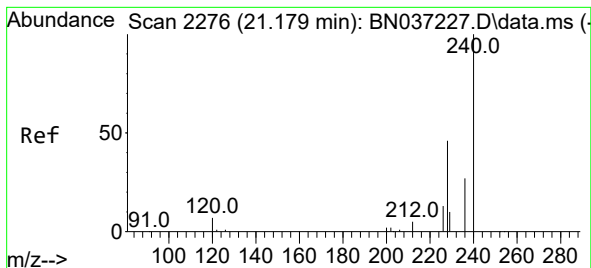
Ion Ratio Lower Upper

212 100

106 11.8 9.3 13.9

104 7.9 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: BN037264.D

Acq: 14 Jun 2025 16:23

Instrument :

BNA_N

ClientSampleId :

RE134D3-20250610

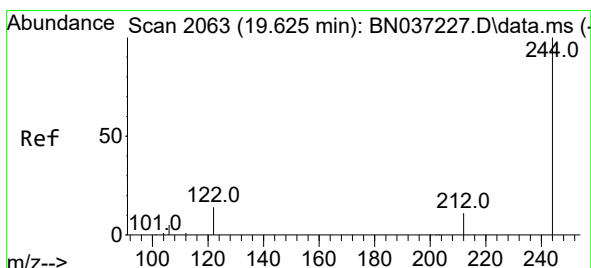
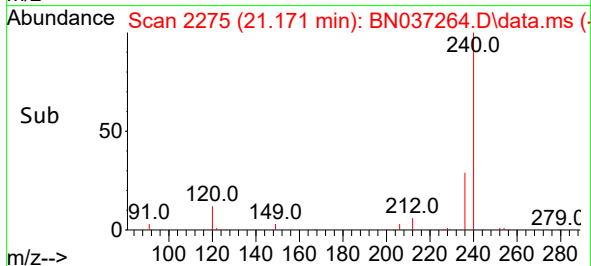
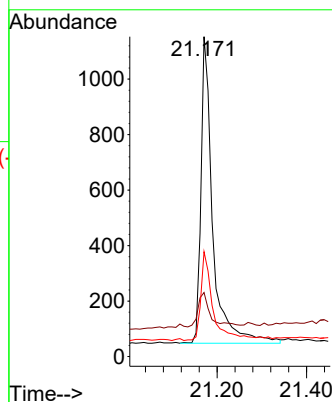
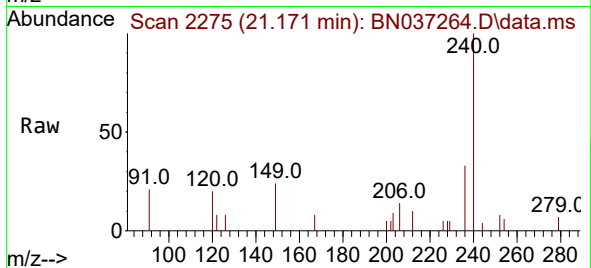
Tgt Ion:240 Resp: 2027

Ion Ratio Lower Upper

240 100

120 20.0 11.3 16.9#

236 32.8 24.4 36.6



#31

Terphenyl-d14

Concen: 0.411 ng

RT: 19.621 min Scan# 2062

Delta R.T. -0.004 min

Lab File: BN037264.D

Acq: 14 Jun 2025 16:23

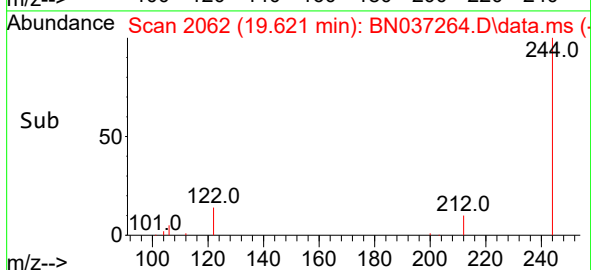
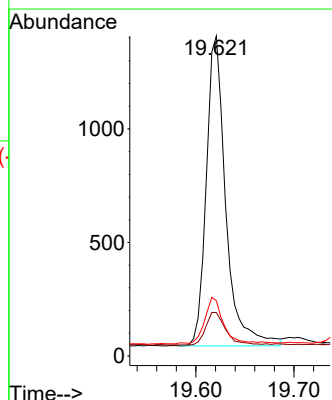
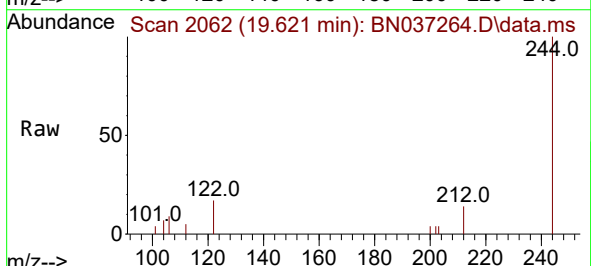
Tgt Ion:244 Resp: 1883

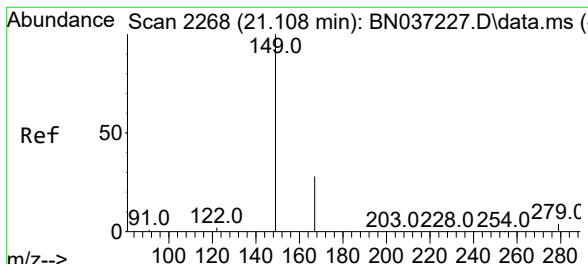
Ion Ratio Lower Upper

244 100

212 13.6 12.2 18.2

122 17.2 14.3 21.5

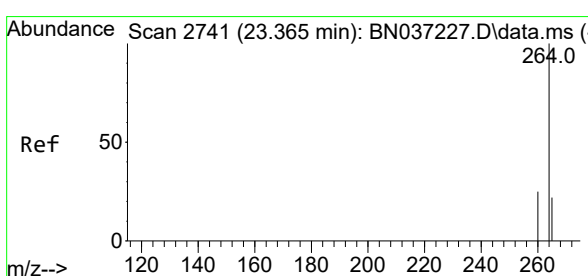
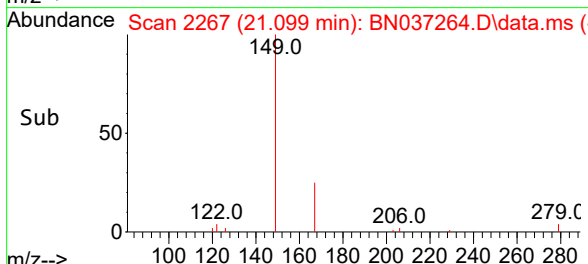
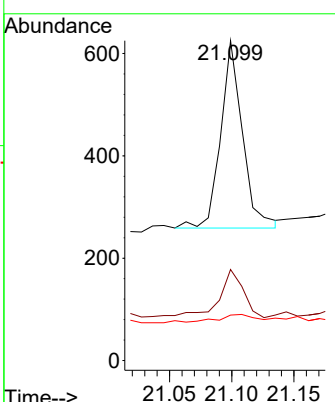
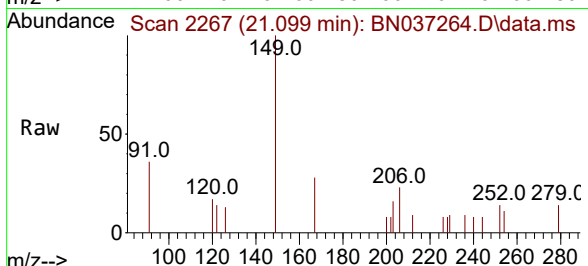




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.088 ng
 RT: 21.099 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037264.D
 Acq: 14 Jun 2025 16:23

Instrument :
 BNA_N
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 RE134D3-20250610

Tgt Ion:	149	Resp:	448
Ion Ratio	Lower	Upper	
149	100		
167	27.9	21.3	31.9
279	8.0	3.3	4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.360 min Scan# 2739
 Delta R.T. -0.006 min
 Lab File: BN037264.D
 Acq: 14 Jun 2025 16:23

Tgt Ion:	264	Resp:	2087
Ion Ratio	Lower	Upper	
264	100		
260	28.8	22.8	34.2
265	85.3	66.4	99.6

