

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
 Data File : BN037331.D
 Acq On : 19 Jun 2025 02:17
 Operator : RC/JU
 Sample : Q2329-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB01-20250613

Quant Time: Jun 19 04:05:34 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)

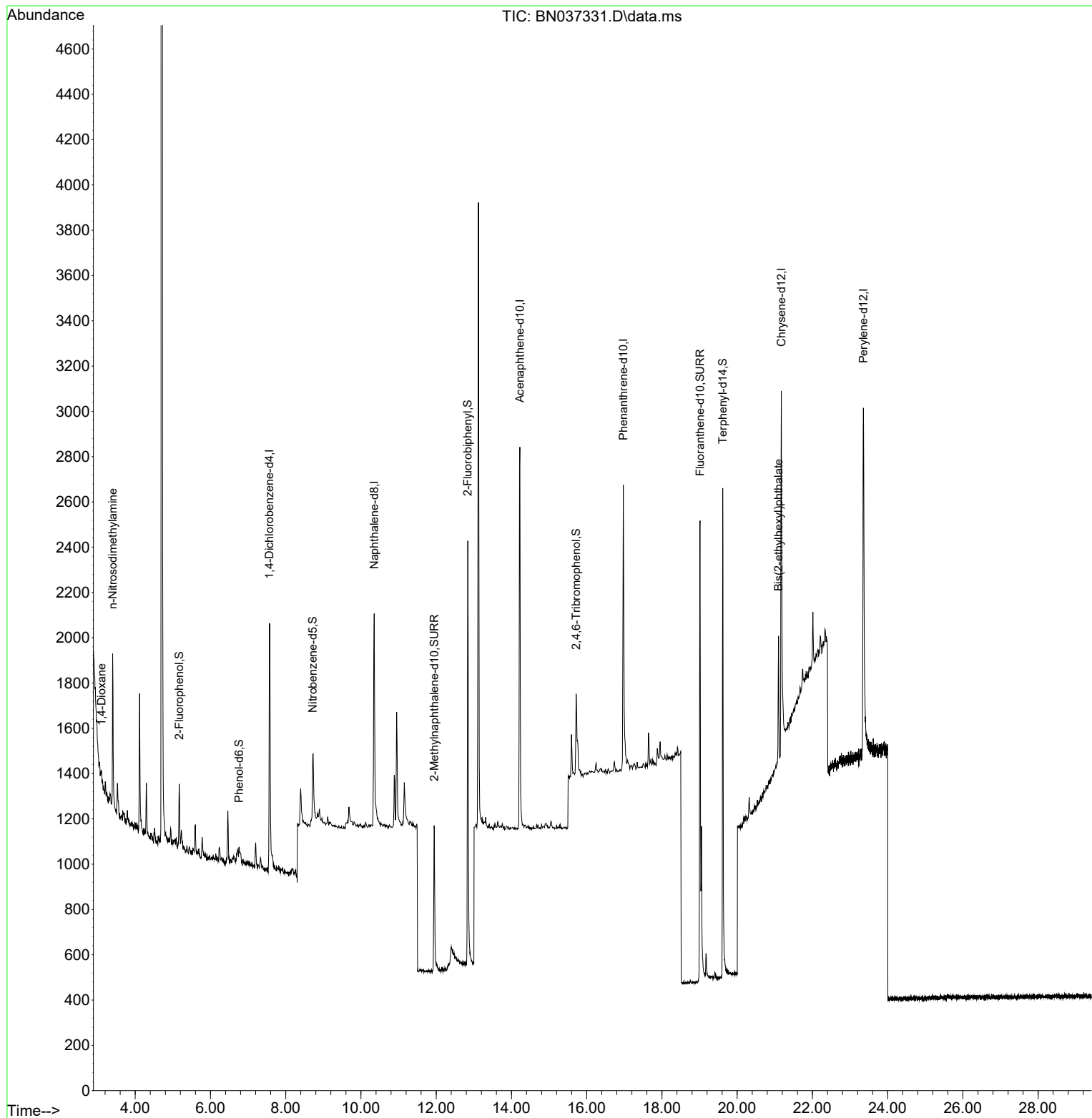
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	726	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	1555	0.400	ng	0.00
13) Acenaphthene-d10	14.224	164	1144	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2312	0.400	ng	0.00
29) Chrysene-d12	21.171	240	2354	0.400	ng	0.00
35) Perylene-d12	23.354	264	2632	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	232	0.176	ng	0.00
5) Phenol-d6	6.759	99	107	0.082	ng	0.00
8) Nitrobenzene-d5	8.717	82	413	0.319	ng	-0.01
11) 2-Methylnaphthalene-d10	11.945	152	1006	0.398	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	311	0.369	ng	0.00
15) 2-Fluorobiphenyl	12.838	172	2008	0.401	ng	0.00
27) Fluoranthene-d10	19.012	212	3293	0.449	ng	0.00
31) Terphenyl-d14	19.616	244	2681	0.496	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	25	0.039	ng	# 1
3) n-Nitrosodimethylamine	3.400	42	139	0.185	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.099	149	575	0.185	ng	94

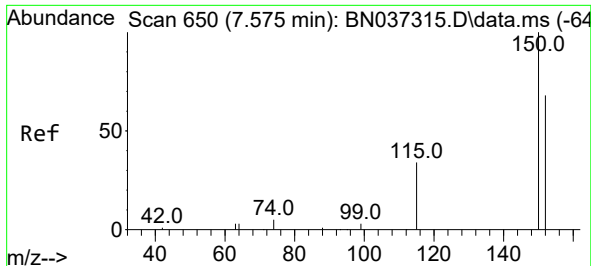
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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BNA_N
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FB01-20250613

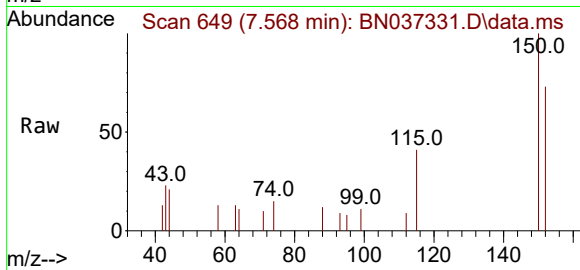
Quant Time: Jun 19 04:05:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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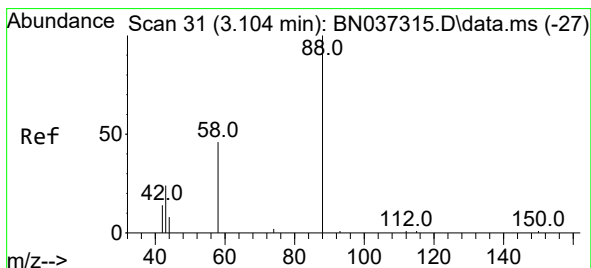
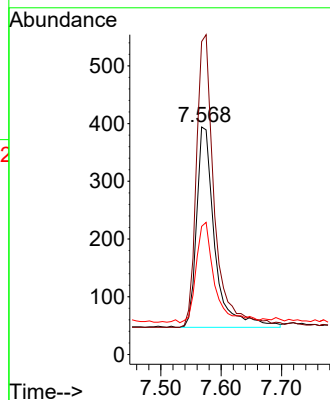
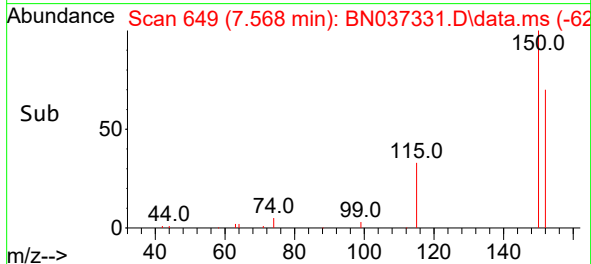


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.568 min Scan# 649
 Delta R.T. -0.007 min
 Lab File: BN037331.D
 Acq: 19 Jun 2025 02:17

Instrument :
 BNA_N
 ClientSampleId :
 FB01-20250613

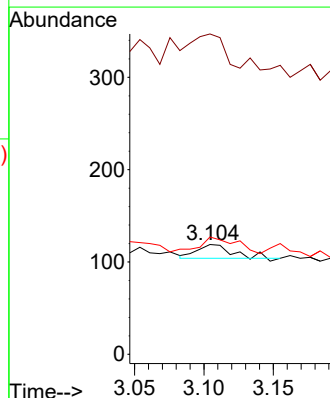
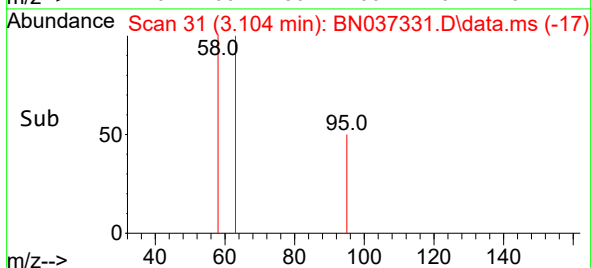
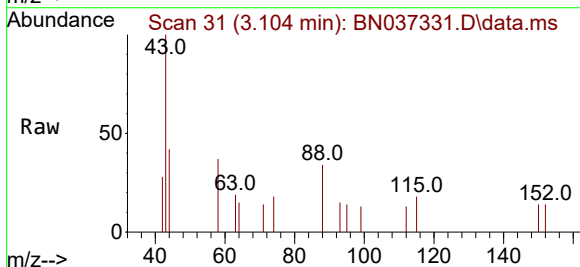


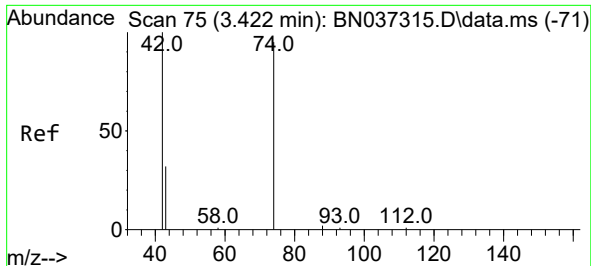
Tgt Ion:152 Resp: 726
 Ion Ratio Lower Upper
 152 100
 150 137.6 112.7 169.1
 115 56.3 45.9 68.9



#2
 1,4-Dioxane
 Concen: 0.039 ng
 RT: 3.104 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN037331.D
 Acq: 19 Jun 2025 02:17

Tgt Ion: 88 Resp: 25
 Ion Ratio Lower Upper
 88 100
 43 324.0 21.0 31.6#
 58 120.0 38.0 57.0#

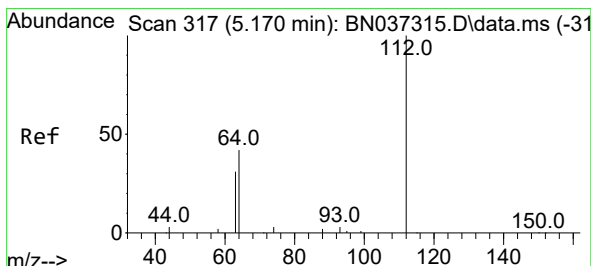
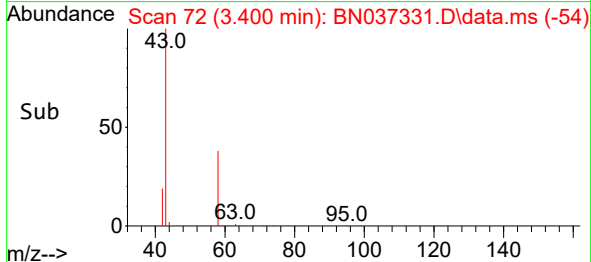
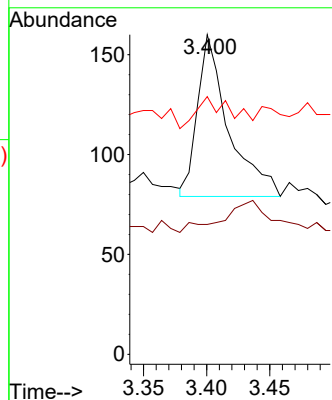
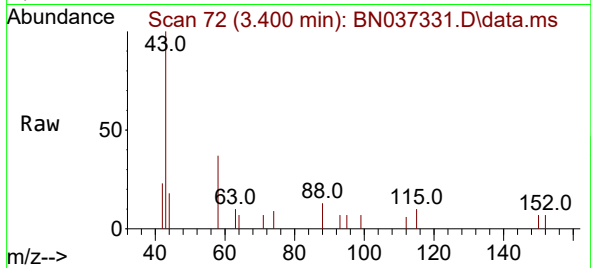




#3
 n-Nitrosodimethylamine
 Concen: 0.185 ng
 RT: 3.400 min Scan# 71
 Delta R.T. -0.022 min
 Lab File: BN037331.D
 Acq: 19 Jun 2025 02:17

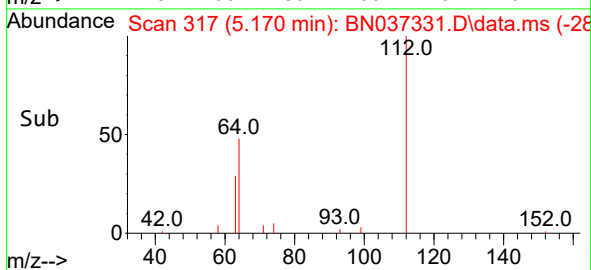
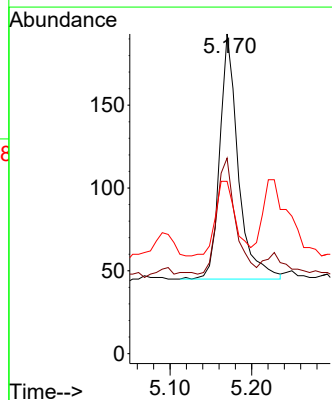
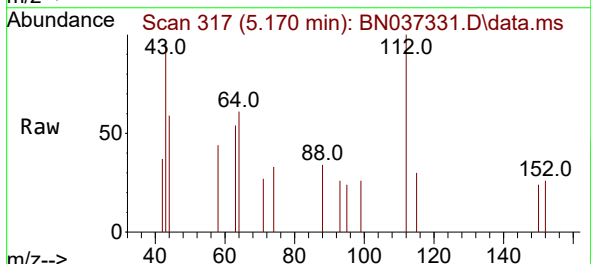
Instrument :
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 ClientSampleId :
 FB01-20250613

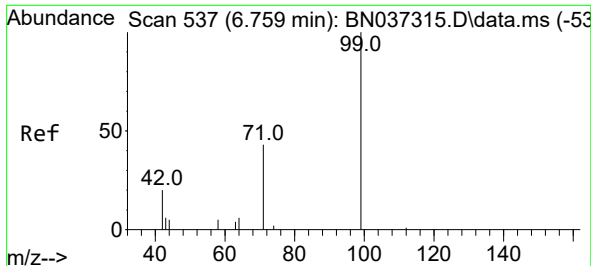
Tgt Ion: 42 Resp: 139
 Ion Ratio Lower Upper
 42 100
 74 0.0 84.3 126.5#
 44 22.3 5.0 7.4#



#4
 2-Fluorophenol
 Concen: 0.176 ng
 RT: 5.170 min Scan# 317
 Delta R.T. -0.000 min
 Lab File: BN037331.D
 Acq: 19 Jun 2025 02:17

Tgt Ion: 112 Resp: 232
 Ion Ratio Lower Upper
 112 100
 64 49.1 38.7 58.1
 63 34.9 26.4 39.6

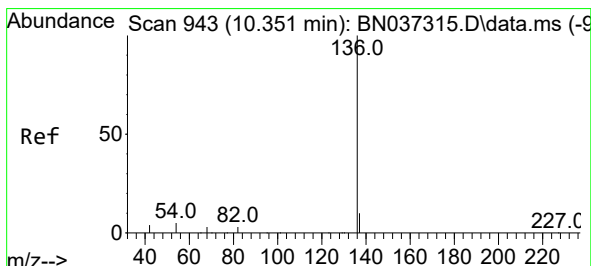
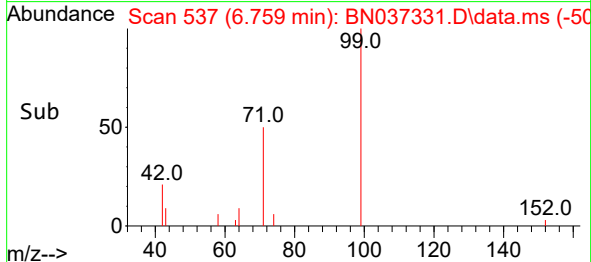
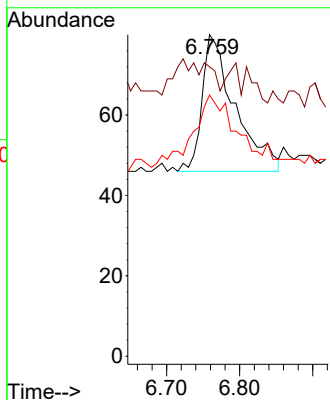
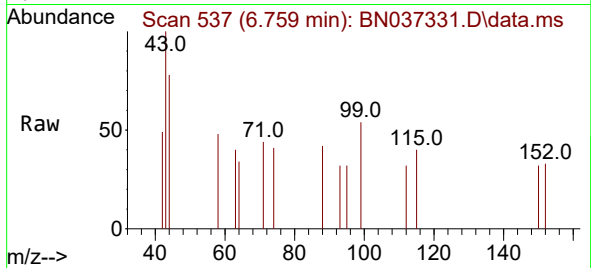




#5
Phenol-d6
Concen: 0.082 ng
RT: 6.759 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN037331.D
Acq: 19 Jun 2025 02:17

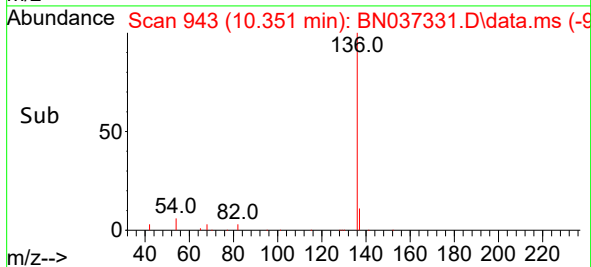
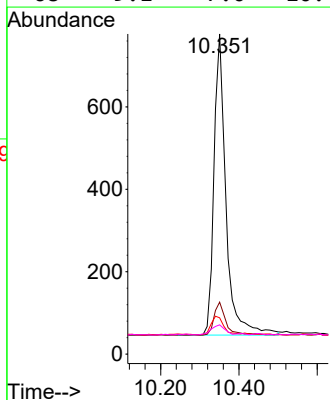
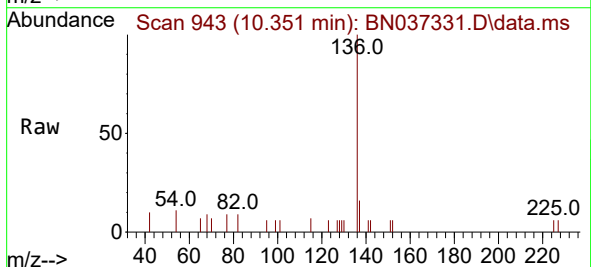
Instrument :
BNA_N
ClientSampleId :
FB01-20250613

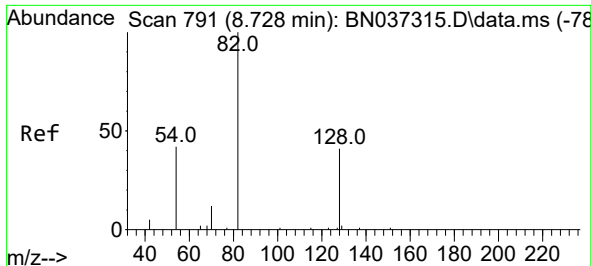
Tgt Ion: 99 Resp: 107
Ion Ratio Lower Upper
99 100
42 0.0 19.8 29.8#
71 67.3 42.6 64.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN037331.D
Acq: 19 Jun 2025 02:17

Tgt Ion: 136 Resp: 1555
Ion Ratio Lower Upper
136 100
137 16.2 12.2 18.2
54 11.3 8.8 13.2
68 9.1 7.0 10.4

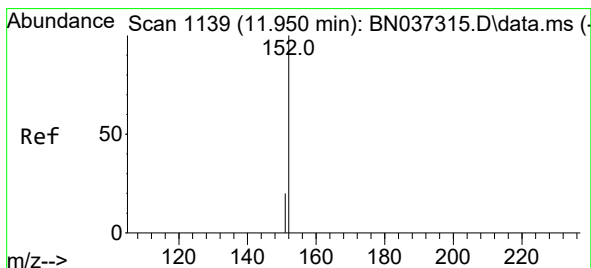
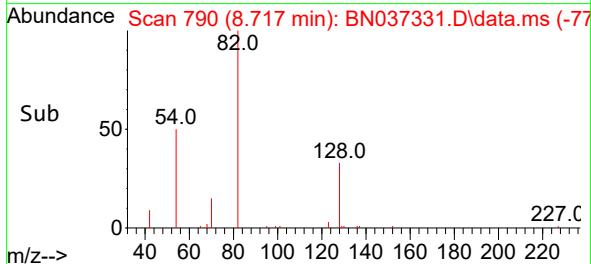
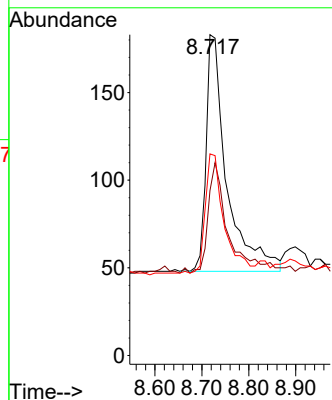
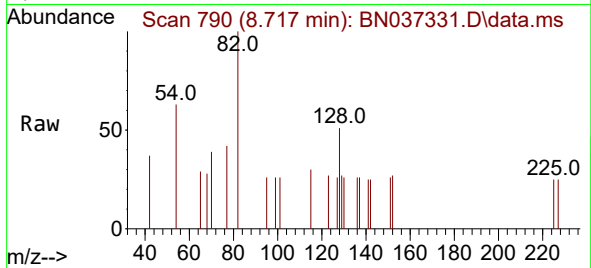




#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 8.717 min Scan# 791
Delta R.T. -0.011 min
Lab File: BN037331.D
Acq: 19 Jun 2025 02:17

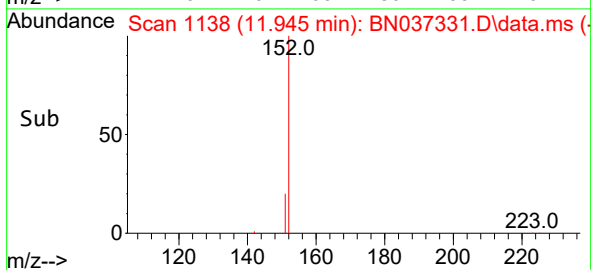
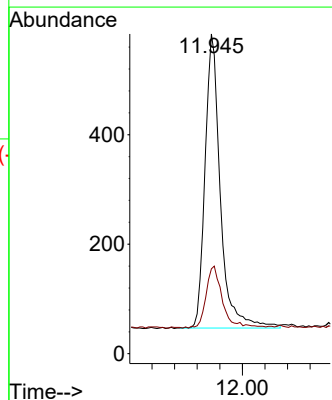
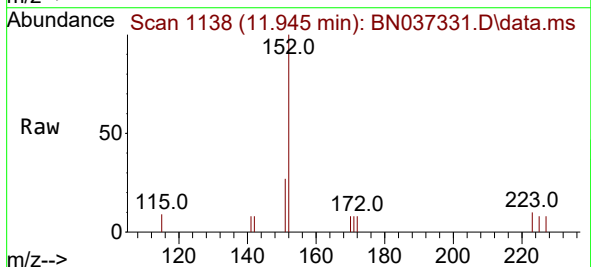
Instrument :
BNA_N
ClientSampleId :
FB01-20250613

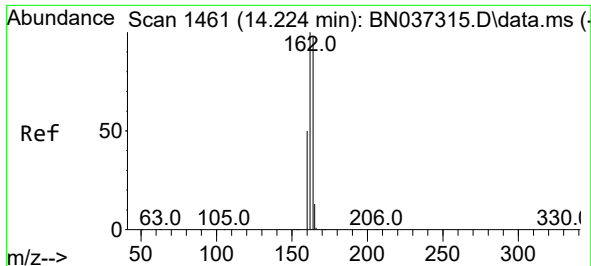
Tgt Ion: 82 Resp: 413
Ion Ratio Lower Upper
82 100
128 51.4 42.5 63.7
54 62.8 43.2 64.8



#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 11.945 min Scan# 1138
Delta R.T. -0.005 min
Lab File: BN037331.D
Acq: 19 Jun 2025 02:17

Tgt Ion:152 Resp: 1006
Ion Ratio Lower Upper
152 100
151 22.6 17.4 26.0

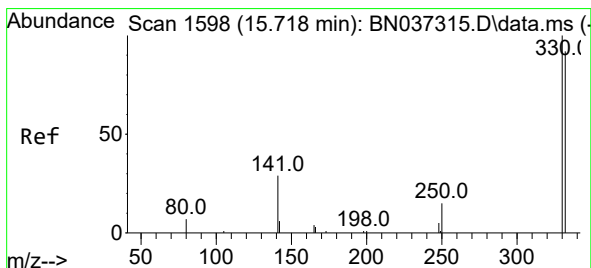
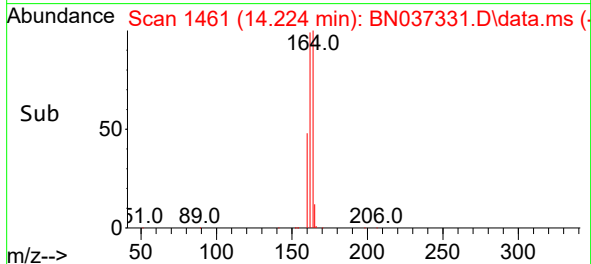
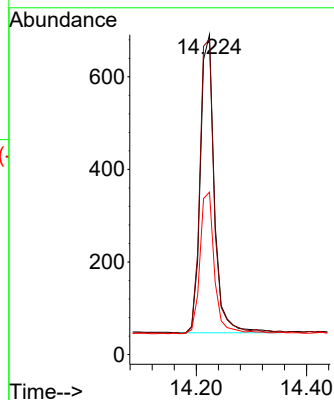
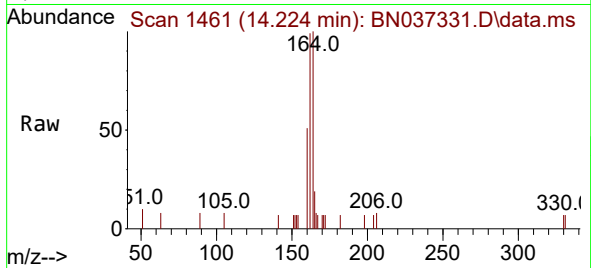




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BN037331.D
Acq: 19 Jun 2025 02:17

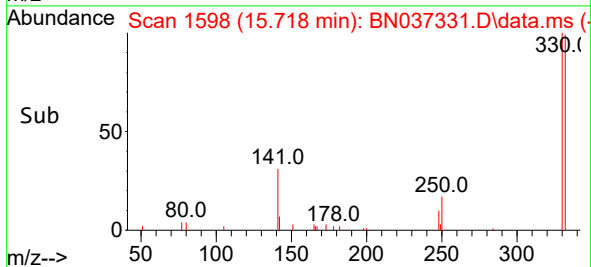
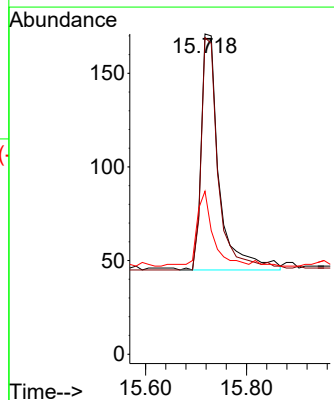
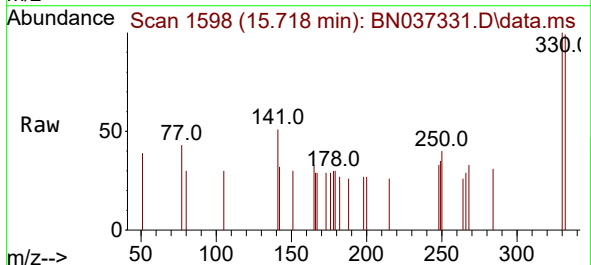
Instrument :
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ClientSampleId :
FB01-20250613

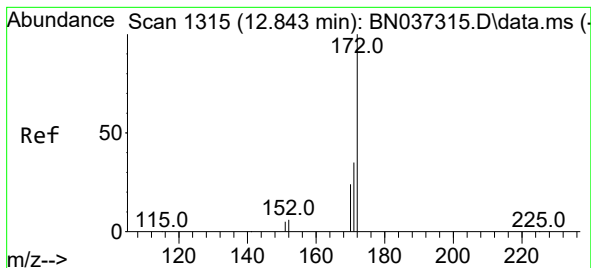
Tgt Ion:164 Resp: 1144
Ion Ratio Lower Upper
164 100
162 98.6 81.5 122.3
160 50.8 43.0 64.4



#14
2,4,6-Tribromophenol
Concen: 0.369 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN037331.D
Acq: 19 Jun 2025 02:17

Tgt Ion:330 Resp: 311
Ion Ratio Lower Upper
330 100
332 93.2 78.4 117.6
141 28.6 24.4 36.6





#15

2-Fluorobiphenyl

Concen: 0.401 ng

RT: 12.838 min Scan# 11

Delta R.T. -0.005 min

Lab File: BN037331.D

Acq: 19 Jun 2025 02:17

Instrument :

BNA_N

ClientSampleId :

FB01-20250613

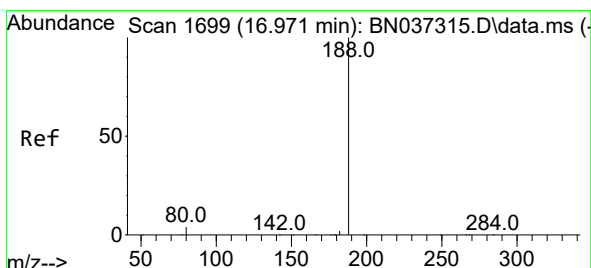
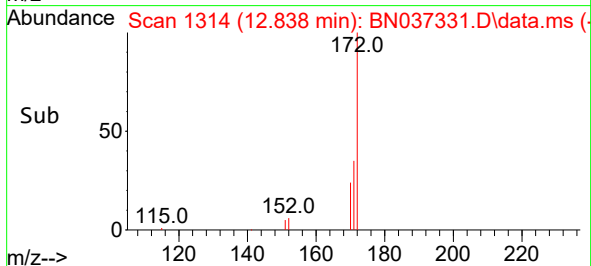
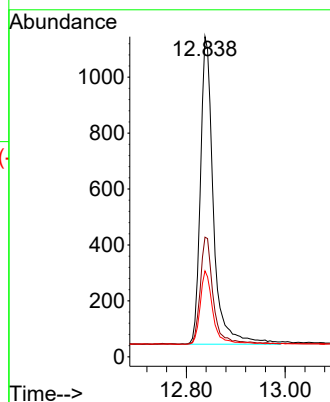
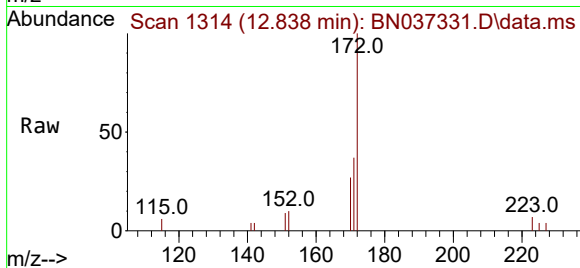
Tgt Ion:172 Resp: 2008

Ion Ratio Lower Upper

172 100

171 37.4 30.8 46.2

170 26.8 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: BN037331.D

Acq: 19 Jun 2025 02:17

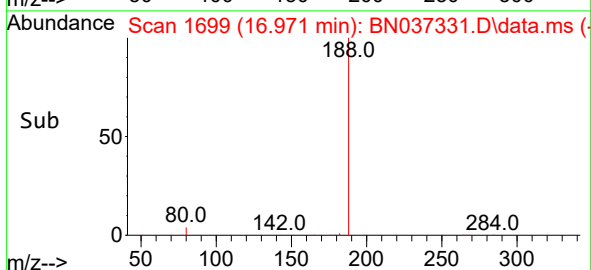
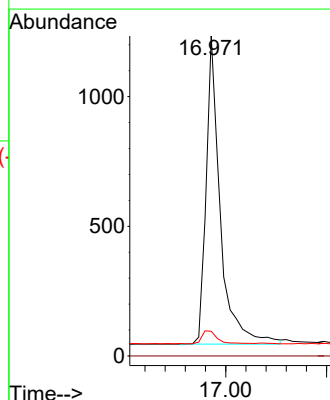
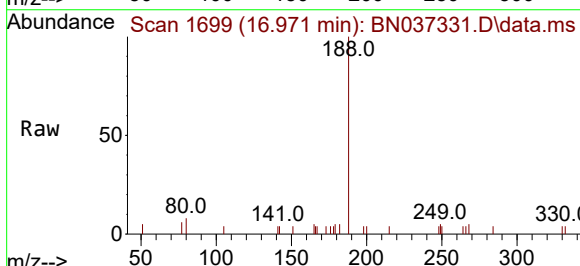
Tgt Ion:188 Resp: 2312

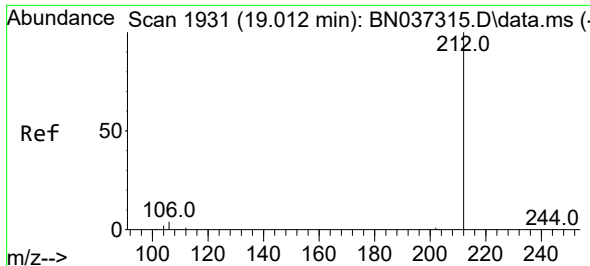
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.7 6.2 9.2

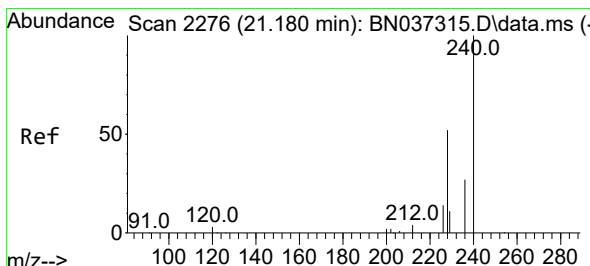
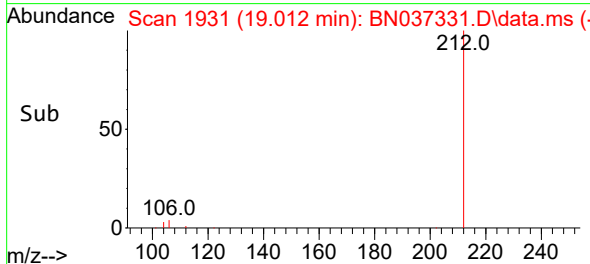
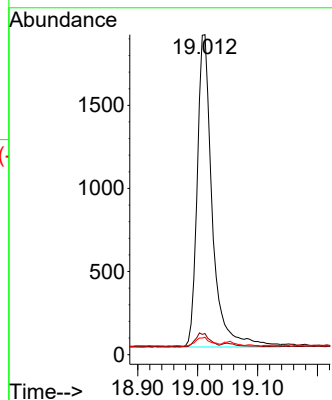
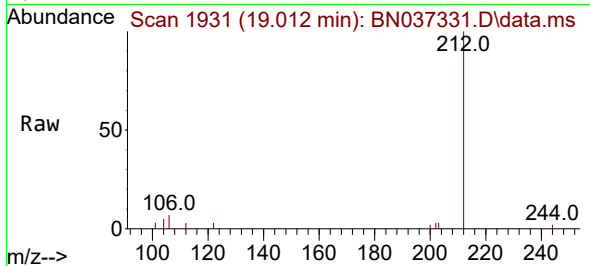




#27
Fluoranthene-d10
Concen: 0.449 ng
RT: 19.012 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BN037331.D
Acq: 19 Jun 2025 02:17

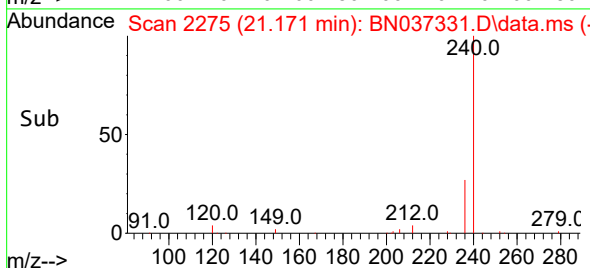
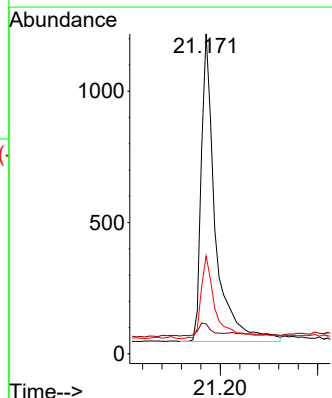
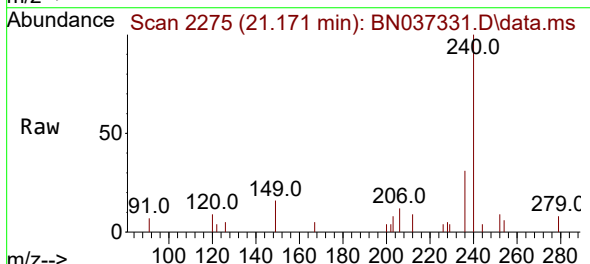
Instrument :
BNA_N
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FB01-20250613

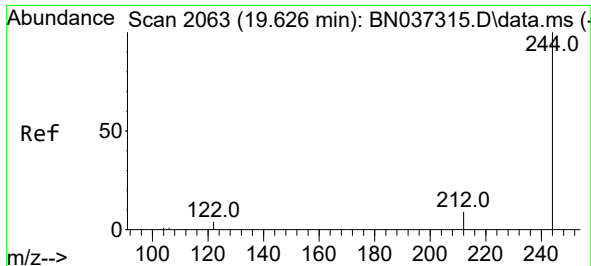
Tgt Ion:212 Resp: 3293
Ion Ratio Lower Upper
212 100
106 4.4 3.0 4.4
104 2.8 2.0 3.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2275
Delta R.T. -0.009 min
Lab File: BN037331.D
Acq: 19 Jun 2025 02:17

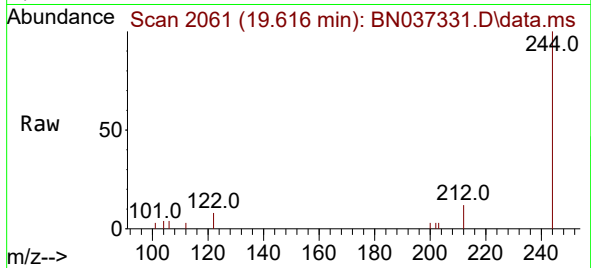
Tgt Ion:240 Resp: 2354
Ion Ratio Lower Upper
240 100
120 9.4 7.5 11.3
236 30.6 24.9 37.3



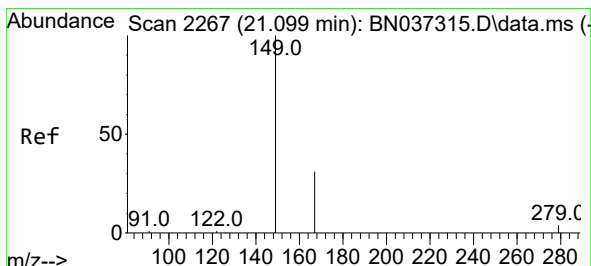
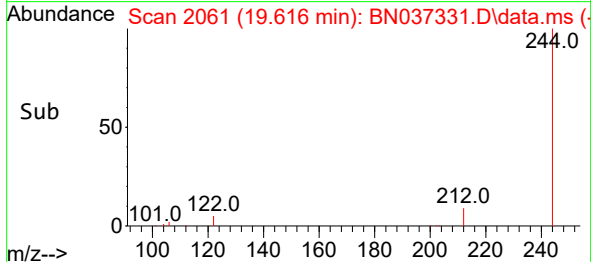
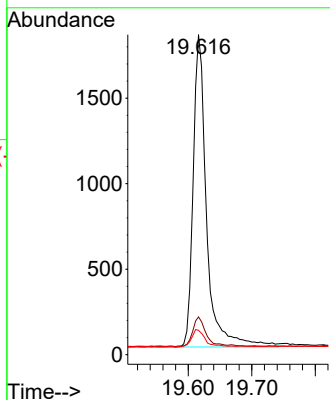


#31
 Terphenyl-d14
 Concen: 0.496 ng
 RT: 19.616 min Scan# 2061
 Delta R.T. -0.009 min
 Lab File: BN037331.D
 Acq: 19 Jun 2025 02:17

Instrument :
 BNA_N
 ClientSampleId :
 FB01-20250613

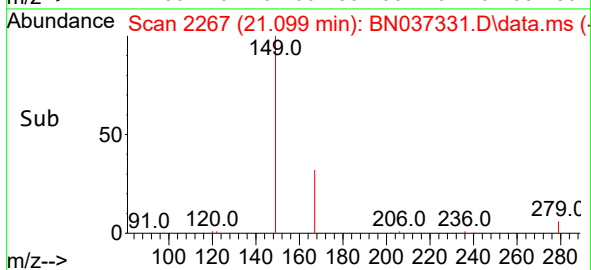
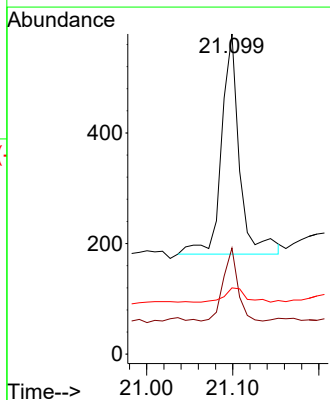
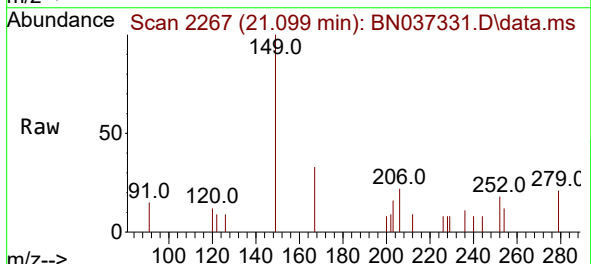


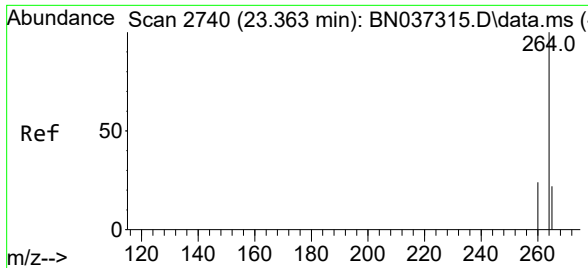
Tgt Ion:244 Resp: 2681
 Ion Ratio Lower Upper
 244 100
 212 11.8 11.1 16.7
 122 7.6 7.2 10.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.185 ng
 RT: 21.099 min Scan# 2267
 Delta R.T. -0.000 min
 Lab File: BN037331.D
 Acq: 19 Jun 2025 02:17

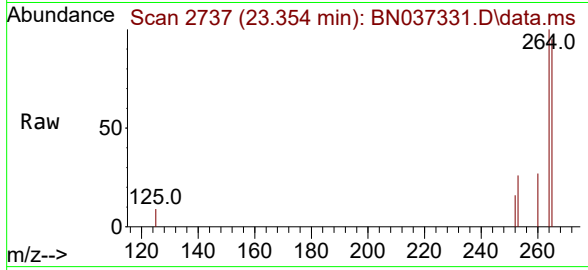
Tgt Ion:149 Resp: 575
 Ion Ratio Lower Upper
 149 100
 167 26.8 24.6 37.0
 279 7.5 6.5 9.7





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.354 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037331.D
 Acq: 19 Jun 2025 02:17

Instrument :
 BNA_N
 ClientSampleId :
 FB01-20250613



Tgt Ion:264 Resp: 2632

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.4	32.2
265	94.7	71.4	107.0

