

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
 Data File : BN037334.D
 Acq On : 19 Jun 2025 04:05
 Operator : RC/JU
 Sample : Q2329-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20250613

Quant Time: Jun 19 06:27:54 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)

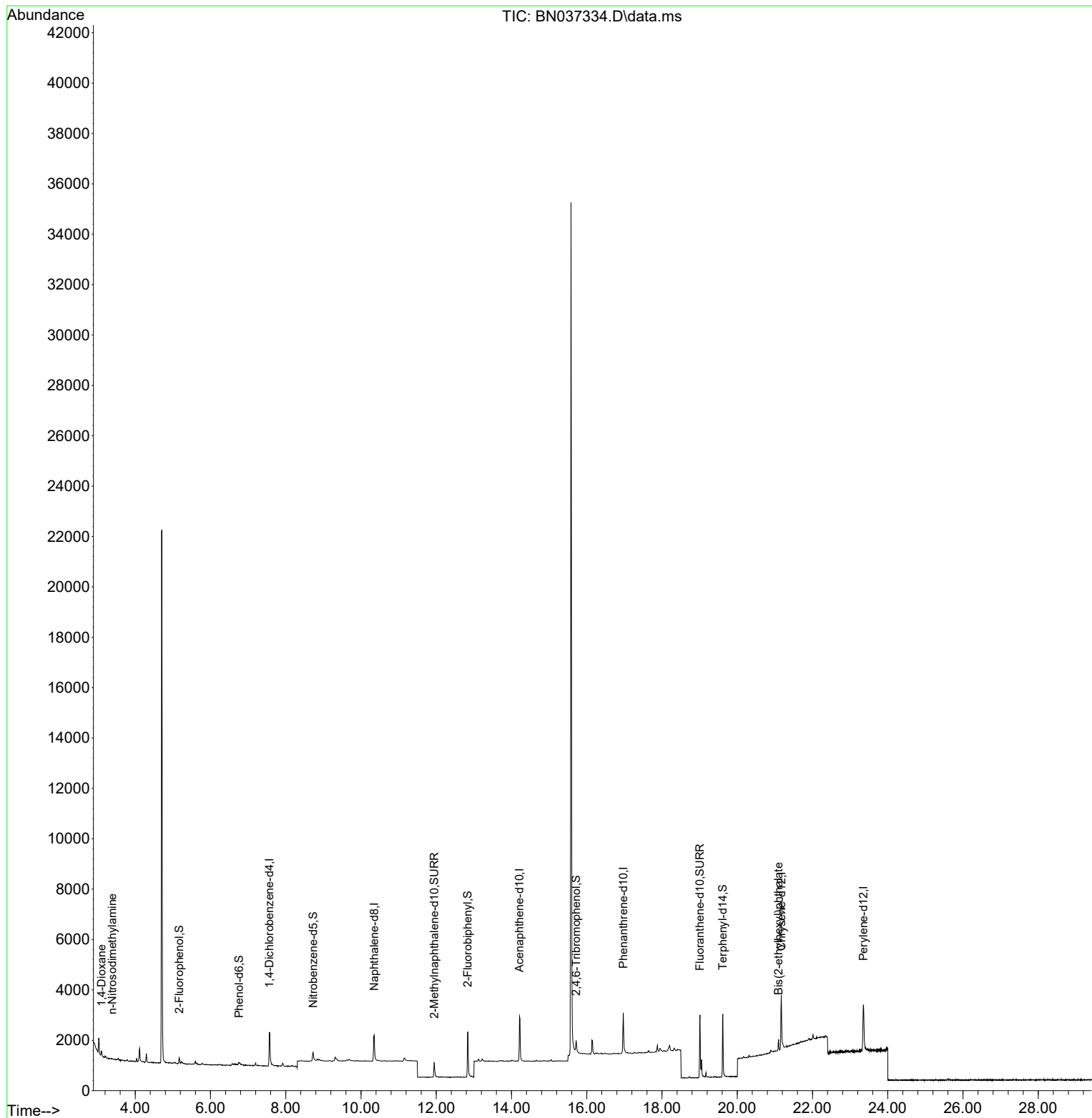
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	756	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	1697	0.400	ng	0.00
13) Acenaphthene-d10	14.213	164	1190	0.400	ng	-0.01
19) Phenanthrene-d10	16.971	188	2601	0.400	ng	0.00
29) Chrysene-d12	21.171	240	2687	0.400	ng	# 0.00
35) Perylene-d12	23.354	264	2780	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	199	0.145	ng	0.00
5) Phenol-d6	6.759	99	120	0.089	ng	0.00
8) Nitrobenzene-d5	8.728	82	432	0.306	ng	0.00
11) 2-Methylnaphthalene-d10	11.945	152	933	0.338	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	299	0.341	ng	0.00
15) 2-Fluorobiphenyl	12.838	172	1807	0.347	ng	0.00
27) Fluoranthene-d10	19.008	212	3435	0.417	ng	0.00
31) Terphenyl-d14	19.616	244	2907	0.471	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.104	88	175	0.259	ng	# 37
3) n-Nitrosodimethylamine	3.393	42	21	0.027	ng	# 7
34) Bis(2-ethylhexyl)phtha...	21.099	149	400	0.113	ng	# 98

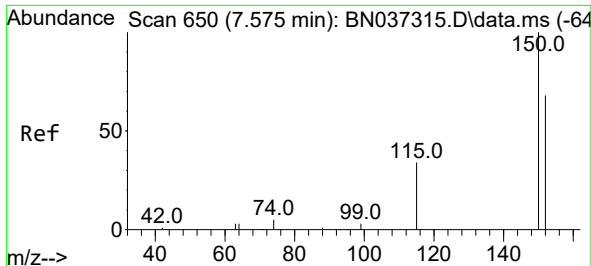
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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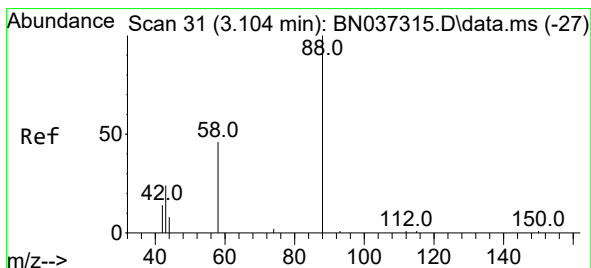
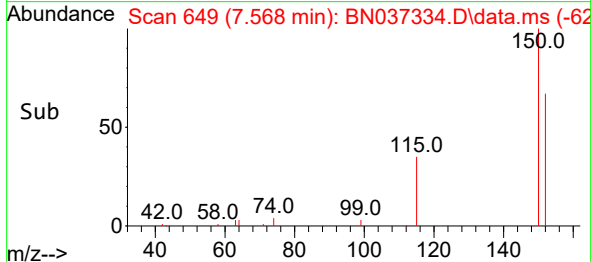
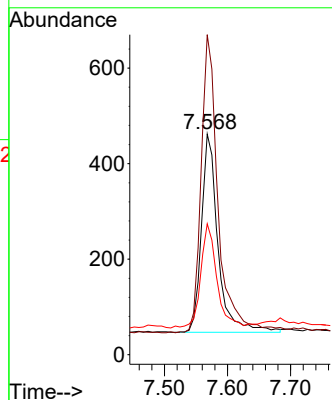
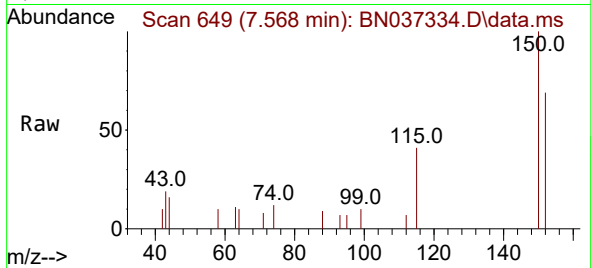




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.568 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN037334.D
 Acq: 19 Jun 2025 04:05

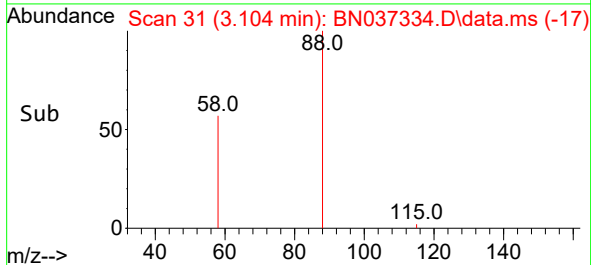
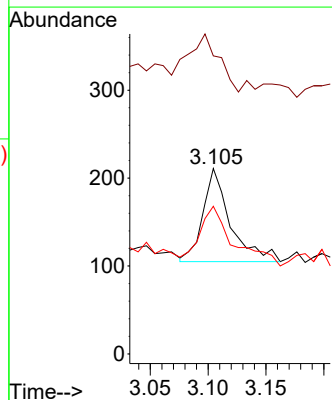
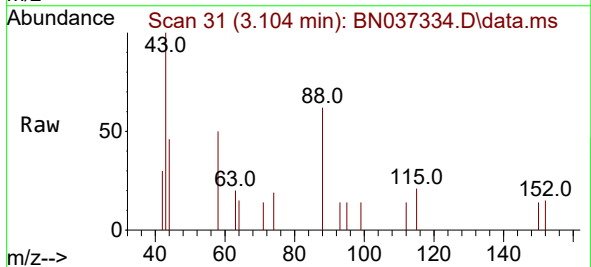
Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20250613

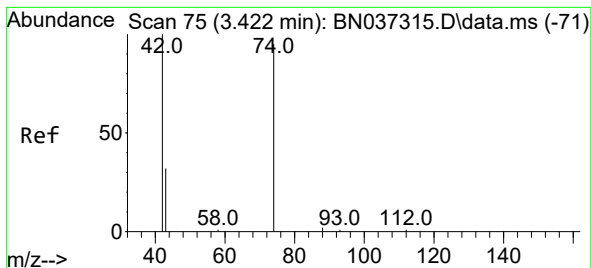
Tgt Ion:152 Resp: 756
 Ion Ratio Lower Upper
 152 100
 150 145.0 112.7 169.1
 115 59.3 45.9 68.9



#2
 1,4-Dioxane
 Concen: 0.259 ng
 RT: 3.104 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN037334.D
 Acq: 19 Jun 2025 04:05

Tgt Ion: 88 Resp: 175
 Ion Ratio Lower Upper
 88 100
 43 71.4 21.0 31.6#
 58 80.6 38.0 57.0#





#3

n-Nitrosodimethylamine

Concen: 0.027 ng

RT: 3.393 min Scan# 71

Delta R.T. -0.029 min

Lab File: BN037334.D

Acq: 19 Jun 2025 04:05

Instrument :

BNA_N

ClientSampleId :

DUP04-20250613

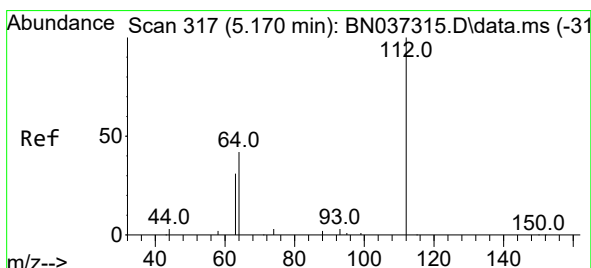
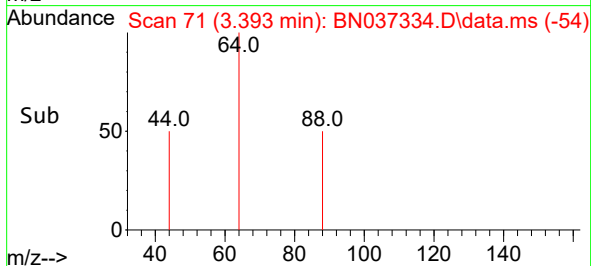
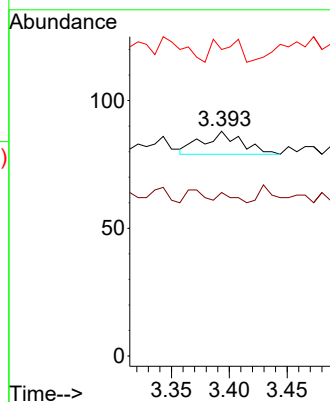
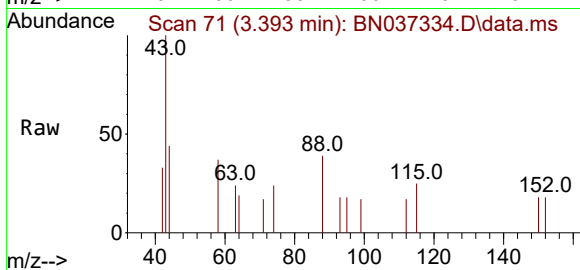
Tgt Ion: 42 Resp: 21

Ion Ratio Lower Upper

42 100

74 14.3 84.3 126.5#

44 66.7 5.0 7.4#



#4

2-Fluorophenol

Concen: 0.145 ng

RT: 5.170 min Scan# 317

Delta R.T. 0.000 min

Lab File: BN037334.D

Acq: 19 Jun 2025 04:05

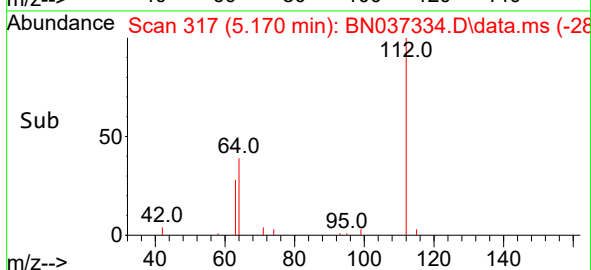
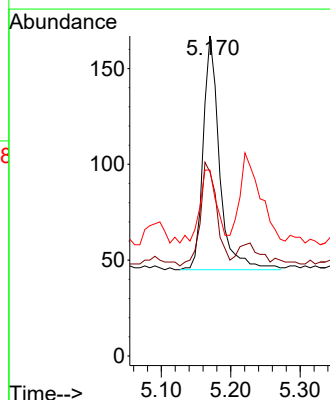
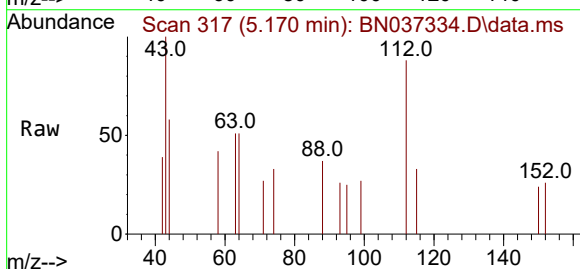
Tgt Ion: 112 Resp: 199

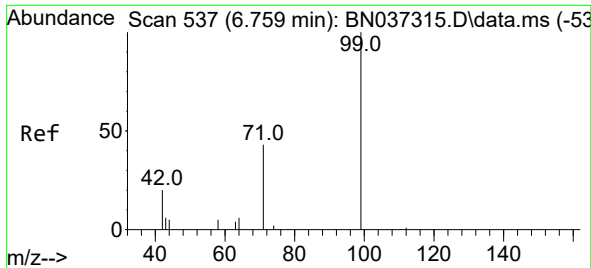
Ion Ratio Lower Upper

112 100

64 44.2 38.7 58.1

63 35.2 26.4 39.6

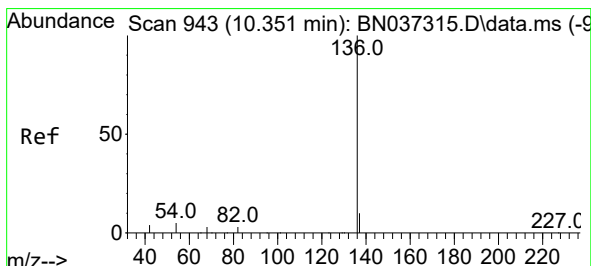
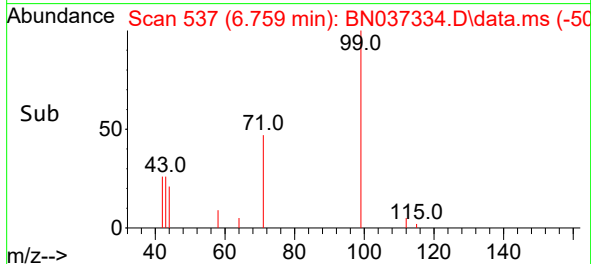
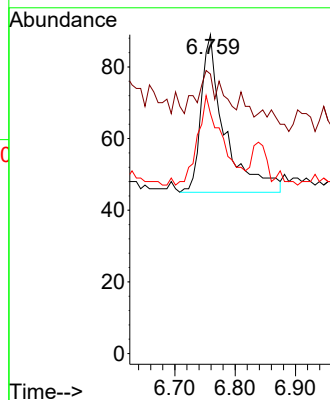
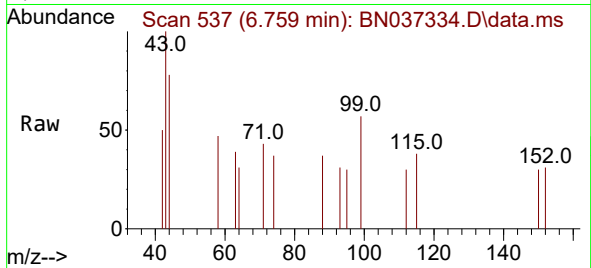




#5
Phenol-d6
Concen: 0.089 ng
RT: 6.759 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037334.D
Acq: 19 Jun 2025 04:05

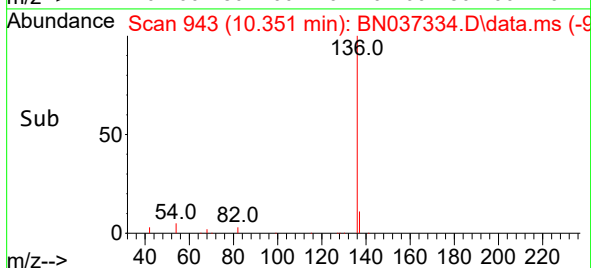
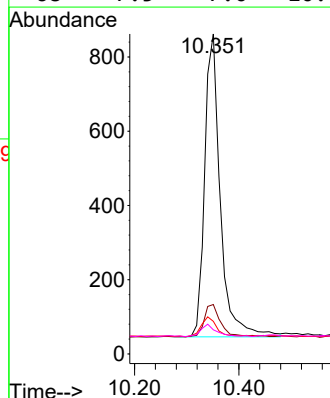
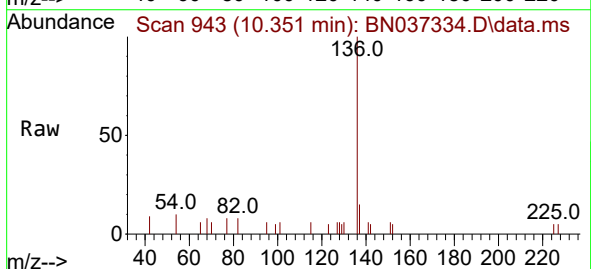
Instrument :
BNA_N
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DUP04-20250613

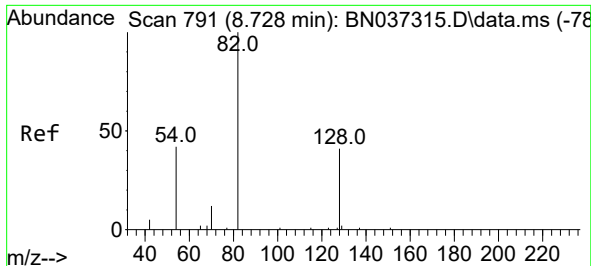
Tgt Ion: 99 Resp: 120
Ion Ratio Lower Upper
99 100
42 25.0 19.8 29.8
71 59.2 42.6 64.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN037334.D
Acq: 19 Jun 2025 04:05

Tgt Ion: 136 Resp: 1697
Ion Ratio Lower Upper
136 100
137 15.4 12.2 18.2
54 10.2 8.8 13.2
68 7.5 7.0 10.4

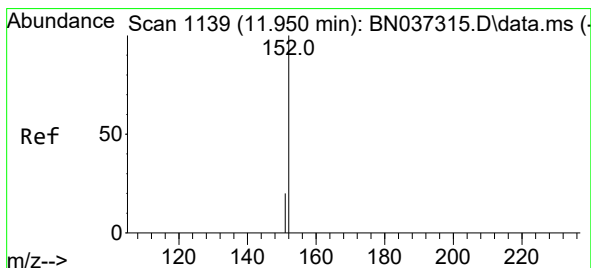
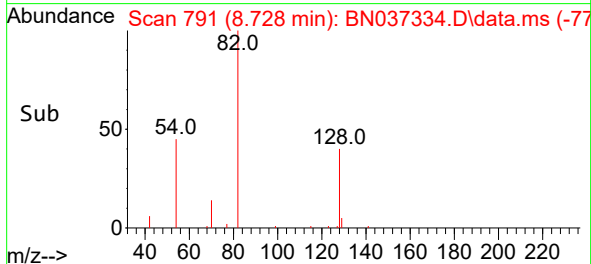
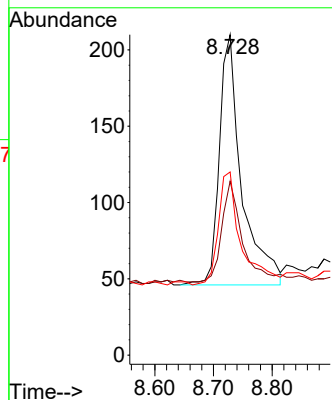
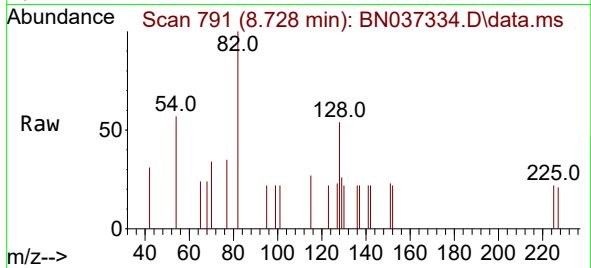




#8
Nitrobenzene-d5
Concen: 0.306 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.000 min
Lab File: BN037334.D
Acq: 19 Jun 2025 04:05

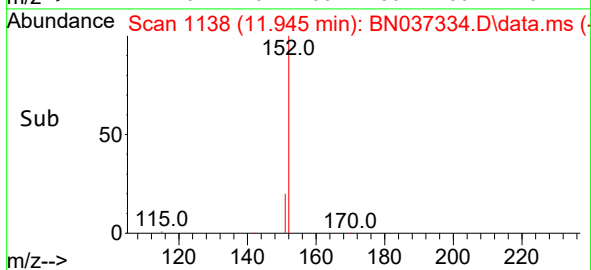
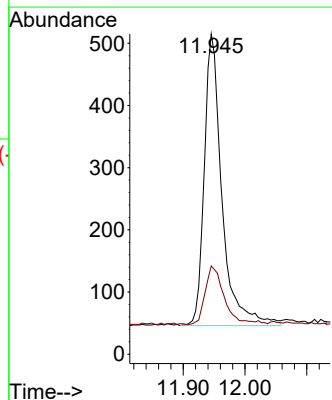
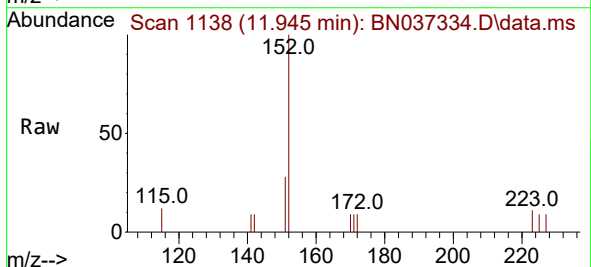
Instrument :
BNA_N
ClientSampleId :
DUP04-20250613

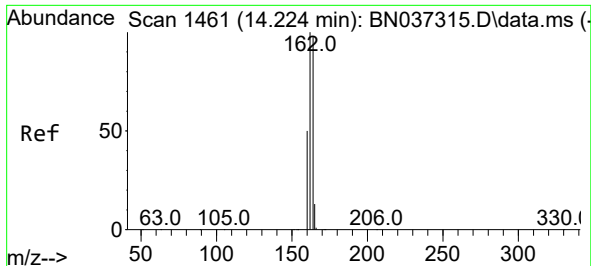
Tgt Ion: 82 Resp: 432
Ion Ratio Lower Upper
82 100
128 54.3 42.5 63.7
54 57.1 43.2 64.8



#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 11.945 min Scan# 1138
Delta R.T. -0.005 min
Lab File: BN037334.D
Acq: 19 Jun 2025 04:05

Tgt Ion:152 Resp: 933
Ion Ratio Lower Upper
152 100
151 21.5 17.4 26.0

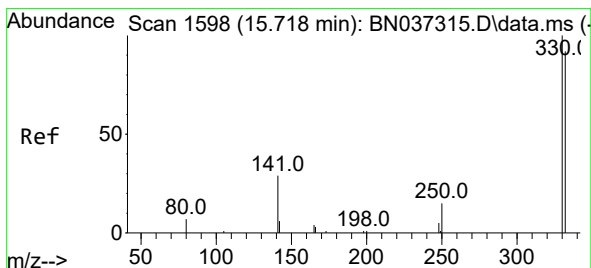
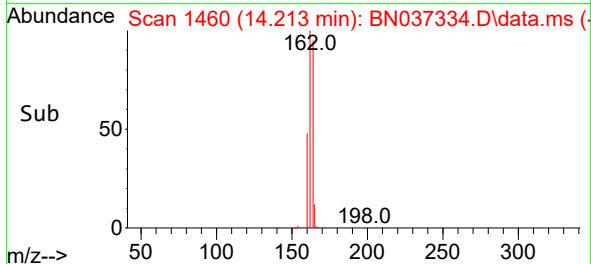
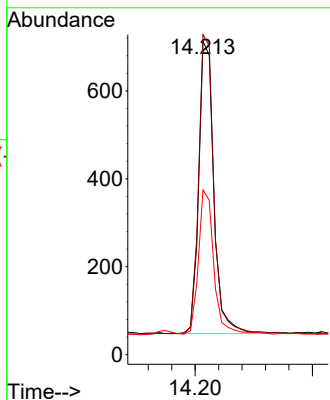
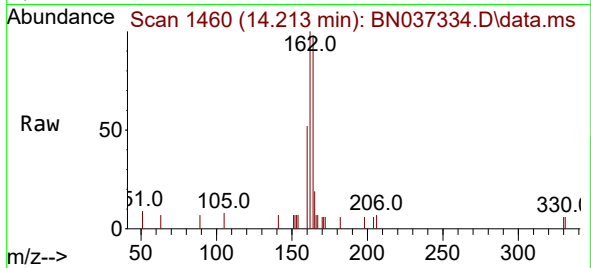




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.213 min Scan# 14
 Delta R.T. -0.011 min
 Lab File: BN037334.D
 Acq: 19 Jun 2025 04:05

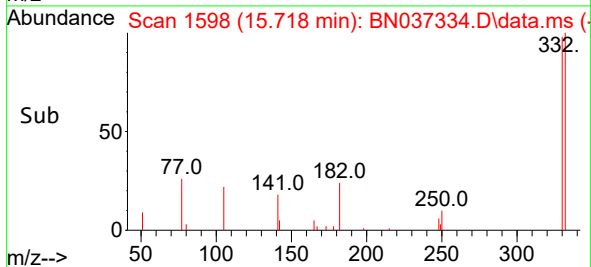
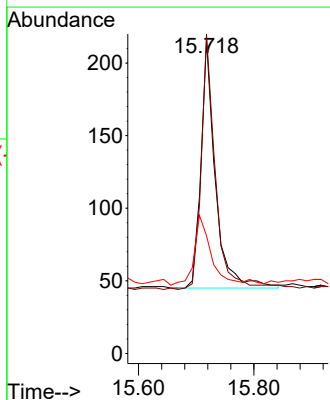
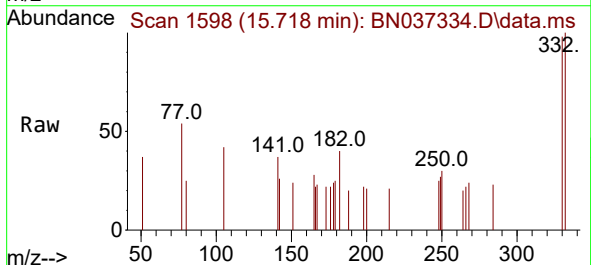
Instrument :
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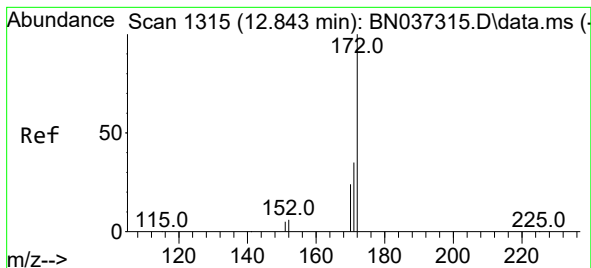
Tgt Ion:164 Resp: 1190
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.5 122.3
 160 52.6 43.0 64.4



#14
 2,4,6-Tribromophenol
 Concen: 0.341 ng
 RT: 15.718 min Scan# 1598
 Delta R.T. 0.000 min
 Lab File: BN037334.D
 Acq: 19 Jun 2025 04:05

Tgt Ion:330 Resp: 299
 Ion Ratio Lower Upper
 330 100
 332 99.0 78.4 117.6
 141 32.1 24.4 36.6

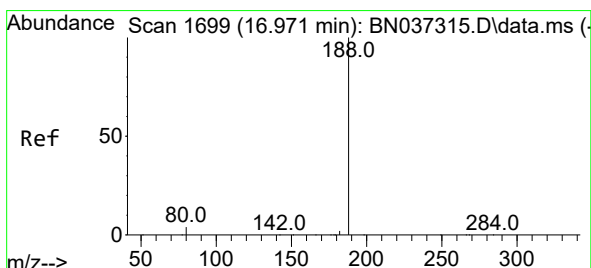
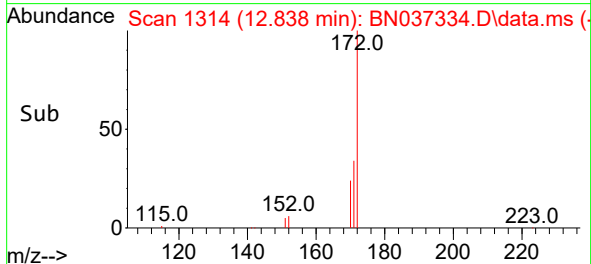
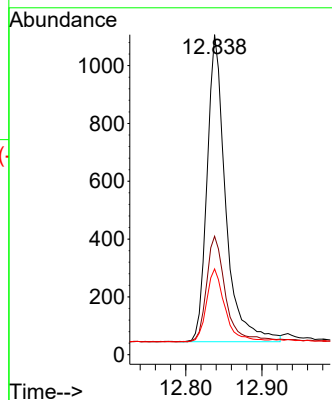
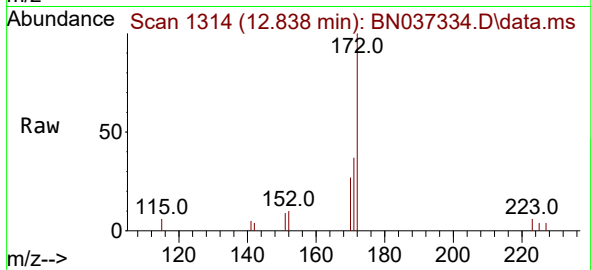




#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 12.838 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037334.D
Acq: 19 Jun 2025 04:05

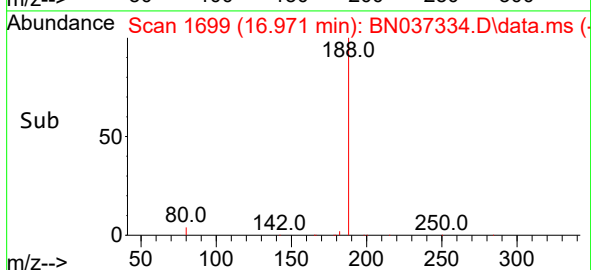
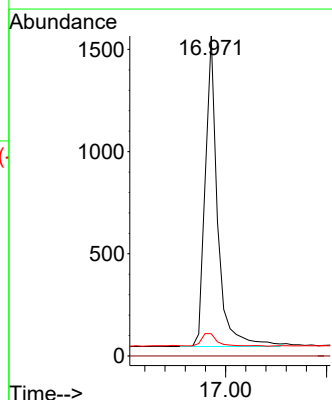
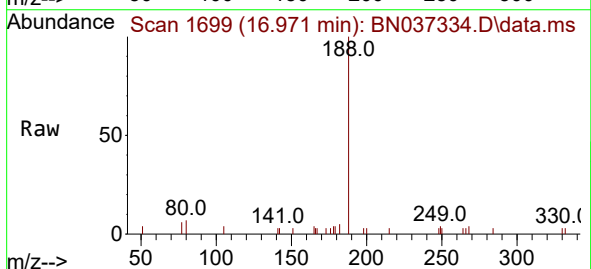
Instrument :
BNA_N
ClientSampleId :
DUP04-20250613

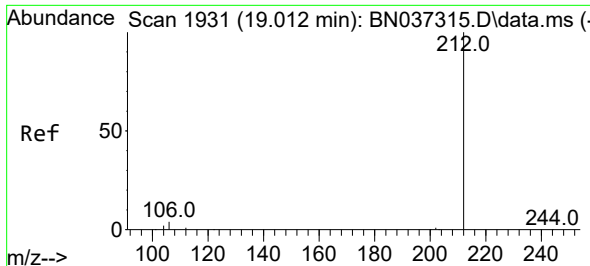
Tgt Ion:172 Resp: 1807
Ion Ratio Lower Upper
172 100
171 37.0 30.8 46.2
170 26.8 21.9 32.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN037334.D
Acq: 19 Jun 2025 04:05

Tgt Ion:188 Resp: 2601
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 6.2 9.2

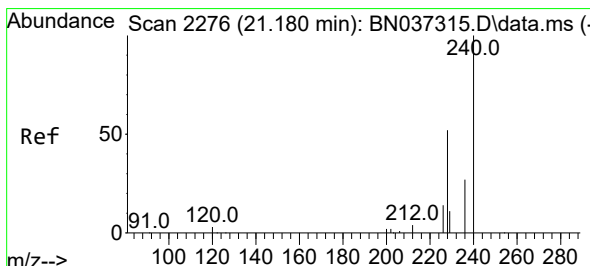
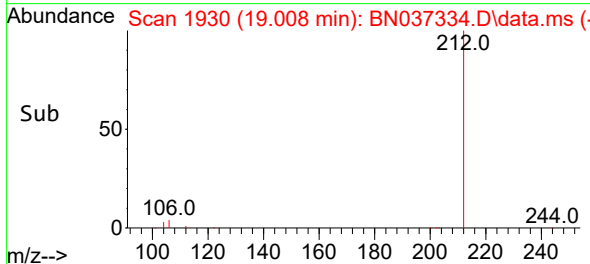
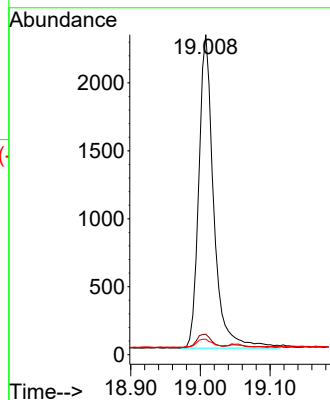
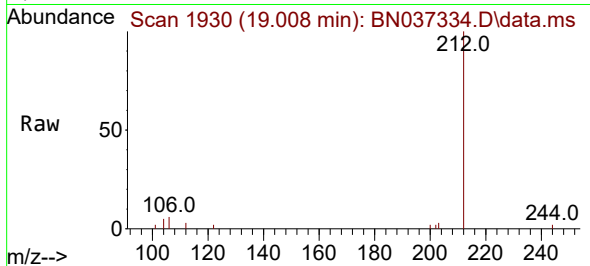




#27
Fluoranthene-d10
Concen: 0.417 ng
RT: 19.008 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BN037334.D
Acq: 19 Jun 2025 04:05

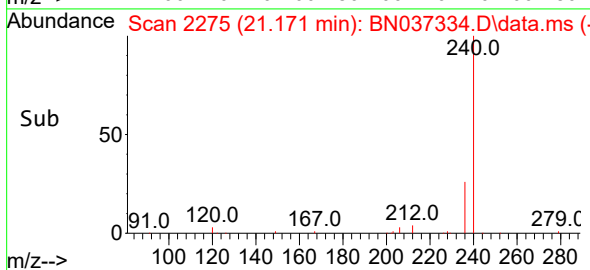
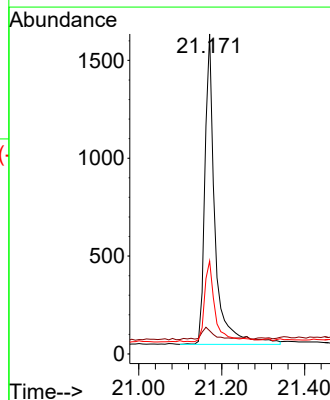
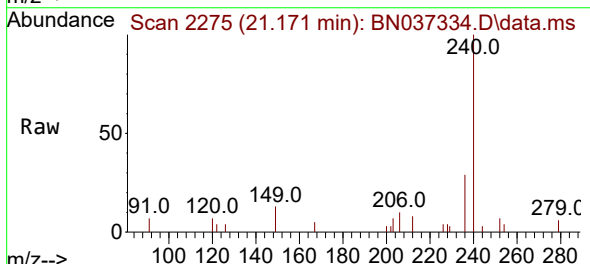
Instrument :
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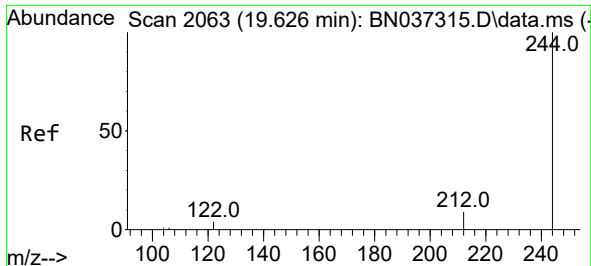
Tgt Ion:212 Resp: 3435
Ion Ratio Lower Upper
212 100
106 4.4 3.0 4.4
104 2.7 2.0 3.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2275
Delta R.T. -0.009 min
Lab File: BN037334.D
Acq: 19 Jun 2025 04:05

Tgt Ion:240 Resp: 2687
Ion Ratio Lower Upper
240 100
120 7.3 7.5 11.3#
236 29.1 24.9 37.3

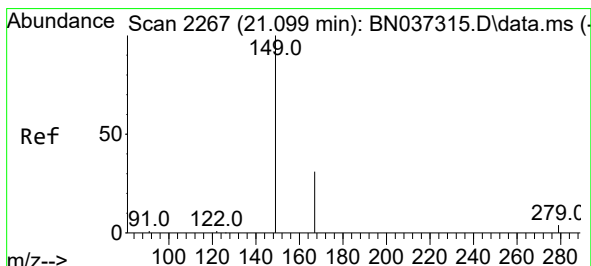
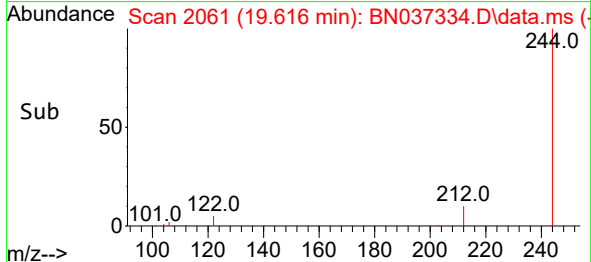
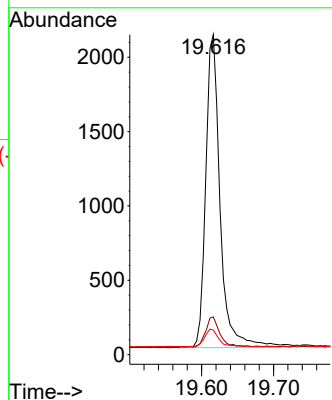
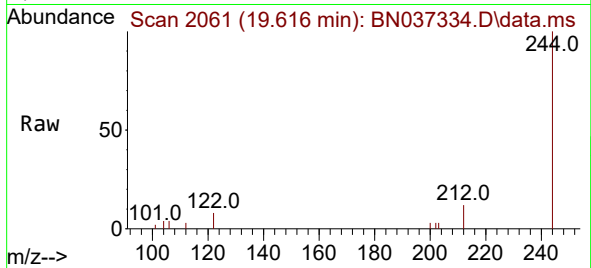




#31
 Terphenyl-d14
 Concen: 0.471 ng
 RT: 19.616 min Scan# 2061
 Delta R.T. -0.009 min
 Lab File: BN037334.D
 Acq: 19 Jun 2025 04:05

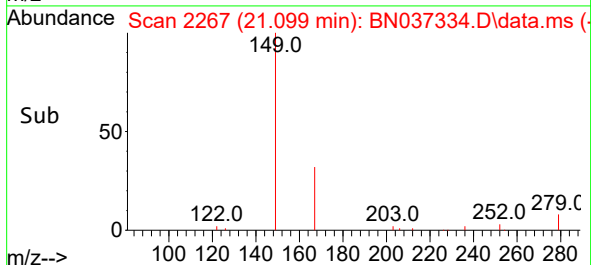
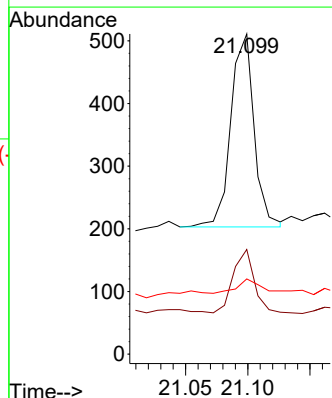
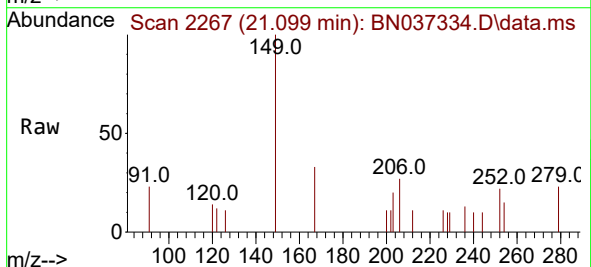
Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20250613

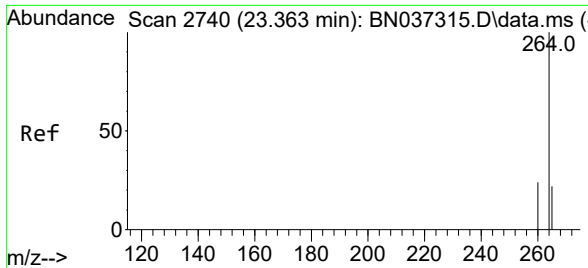
Tgt Ion:244 Resp: 2907
 Ion Ratio Lower Upper
 244 100
 212 11.8 11.1 16.7
 122 7.7 7.2 10.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.113 ng
 RT: 21.099 min Scan# 2267
 Delta R.T. 0.000 min
 Lab File: BN037334.D
 Acq: 19 Jun 2025 04:05

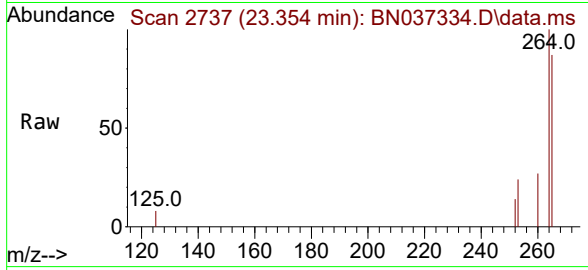
Tgt Ion:149 Resp: 400
 Ion Ratio Lower Upper
 149 100
 167 30.5 24.6 37.0
 279 11.0 6.5 9.7#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.354 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037334.D
 Acq: 19 Jun 2025 04:05

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20250613



Tgt Ion:264 Resp: 2780

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.4	32.2
265	86.7	71.4	107.0

