

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
 Data File : BN037335.D
 Acq On : 19 Jun 2025 04:42
 Operator : RC/JU
 Sample : Q2329-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 19 06:28:06 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)

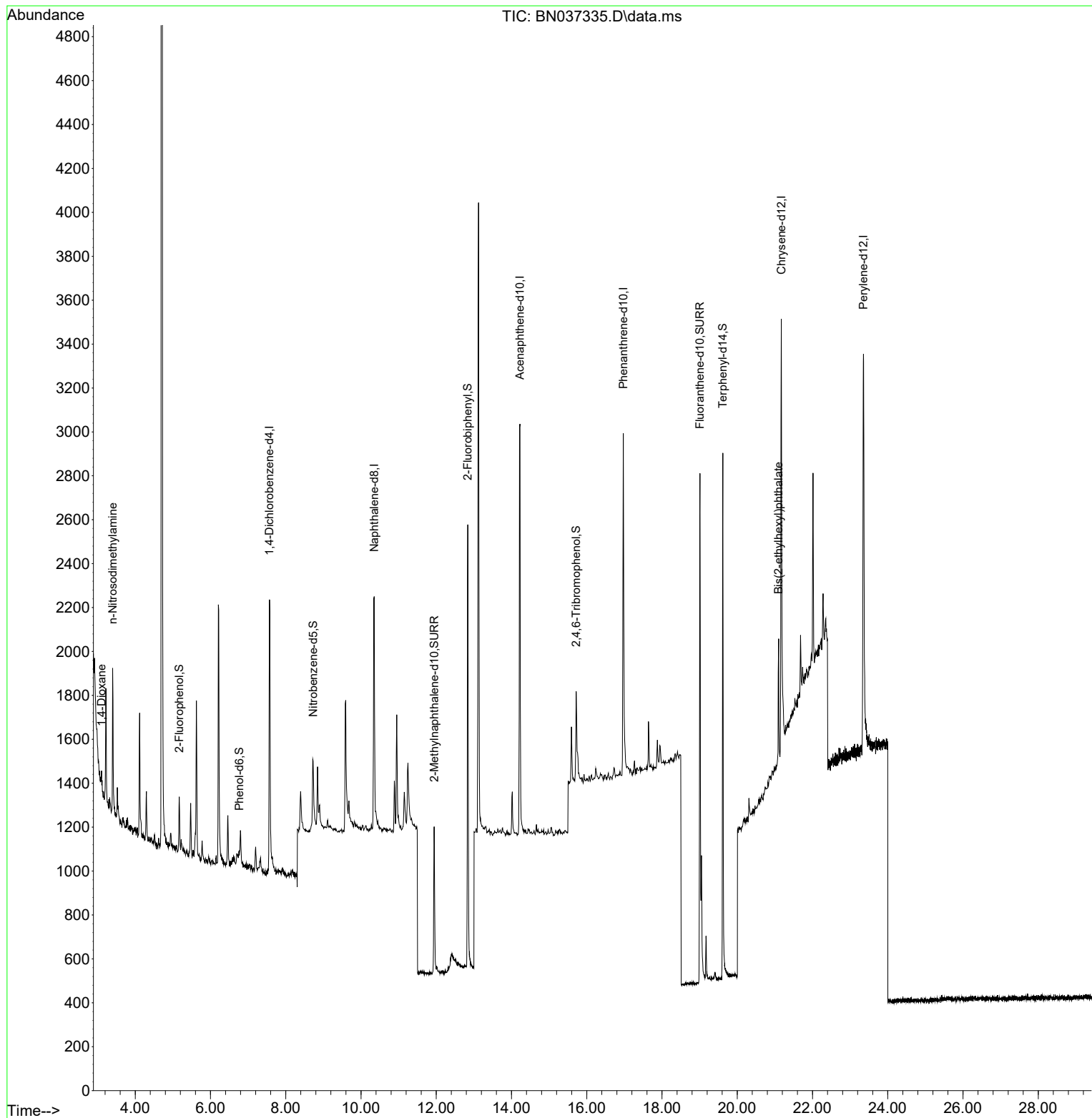
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	786	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	1733	0.400	ng	0.00
13) Acenaphthene-d10	14.224	164	1237	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2666	0.400	ng	0.00
29) Chrysene-d12	21.171	240	2615	0.400	ng	0.00
35) Perylene-d12	23.354	264	2770	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	204	0.143	ng	0.00
5) Phenol-d6	6.766	99	104	0.074	ng	0.00
8) Nitrobenzene-d5	8.728	82	457	0.317	ng	0.00
11) 2-Methylnaphthalene-d10	11.945	152	1011	0.359	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	318	0.349	ng	0.00
15) 2-Fluorobiphenyl	12.838	172	1931	0.356	ng	0.00
27) Fluoranthene-d10	19.008	212	3467	0.410	ng	0.00
31) Terphenyl-d14	19.616	244	2768	0.461	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	54	0.077	ng	# 1
3) n-Nitrosodimethylamine	3.400	42	140	0.172	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.099	149	535	0.155	ng	# 97

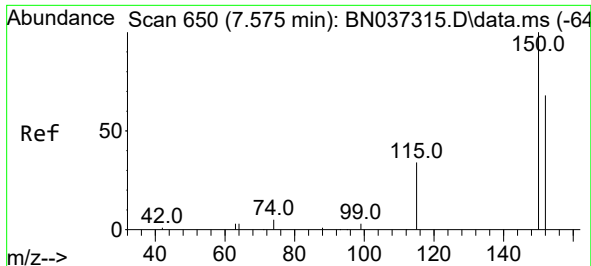
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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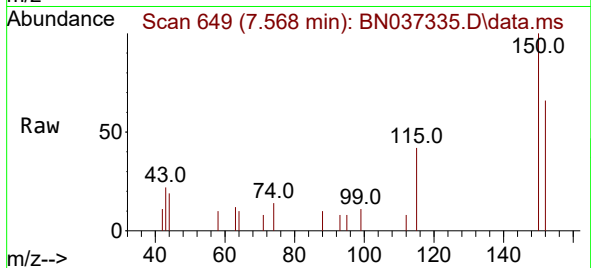
Quant Time: Jun 19 06:28:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
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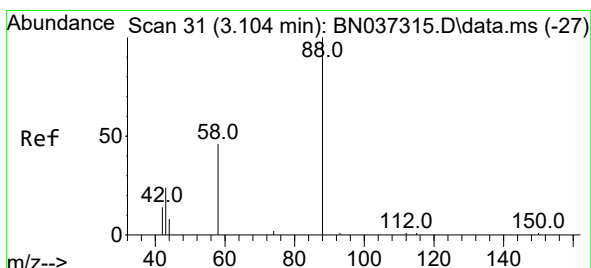
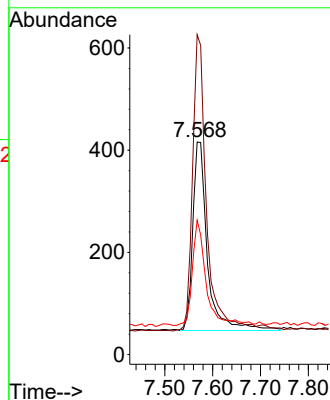
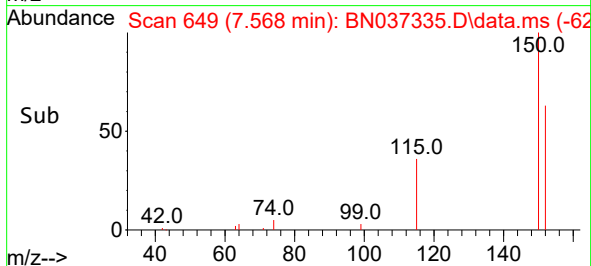


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.568 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN037335.D
 Acq: 19 Jun 2025 04:42

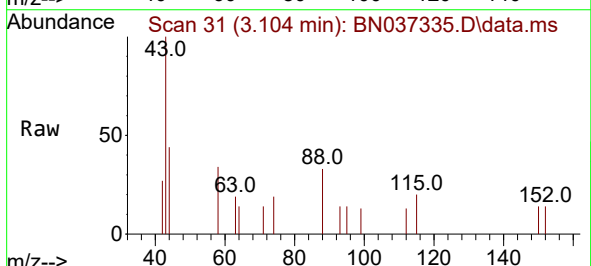
Instrument :
 BNA_N
 ClientSampleId :



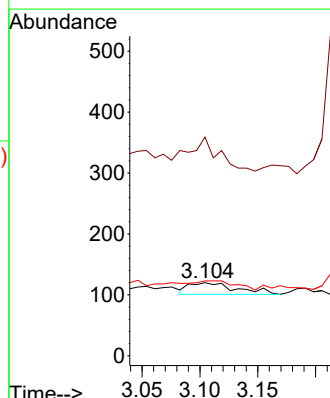
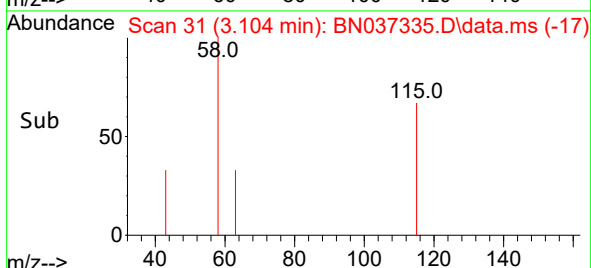
Tgt Ion:152 Resp: 786
 Ion Ratio Lower Upper
 152 100
 150 150.5 112.7 169.1
 115 63.2 45.9 68.9

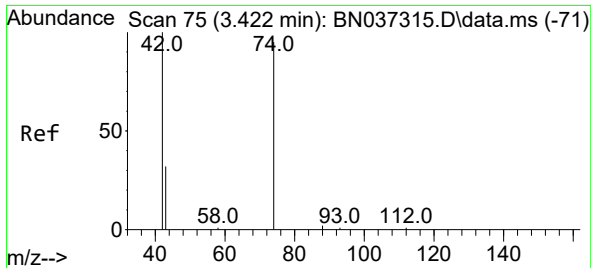


#2
 1,4-Dioxane
 Concen: 0.077 ng
 RT: 3.104 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN037335.D
 Acq: 19 Jun 2025 04:42



Tgt Ion: 88 Resp: 54
 Ion Ratio Lower Upper
 88 100
 43 187.0 21.0 31.6#
 58 92.6 38.0 57.0#





#3

n-Nitrosodimethylamine

Concen: 0.172 ng

RT: 3.400 min Scan# 71

Delta R.T. -0.022 min

Lab File: BN037335.D

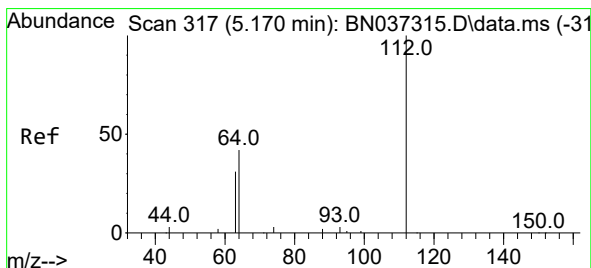
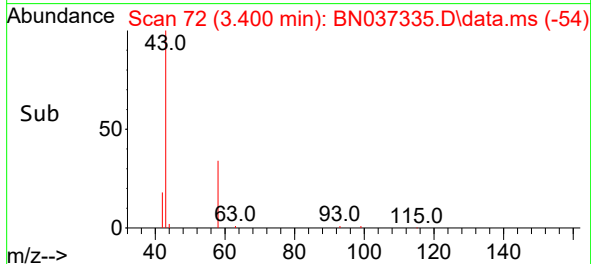
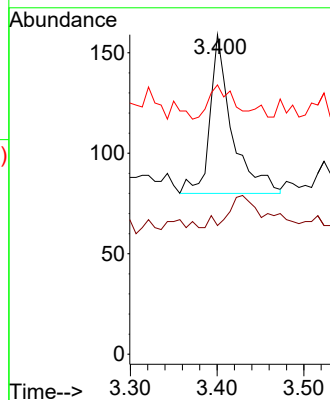
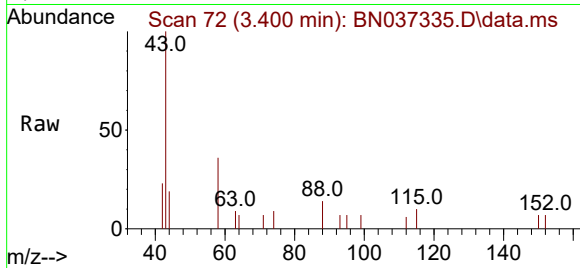
Acq: 19 Jun 2025 04:42

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	42	Resp:	140
Ion	Ratio	Lower	Upper
42	100		
74	0.0	84.3	126.5#
44	22.1	5.0	7.4#



#4

2-Fluorophenol

Concen: 0.143 ng

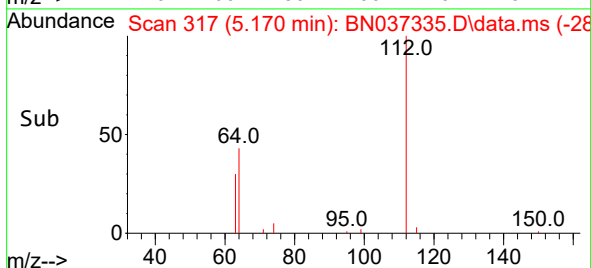
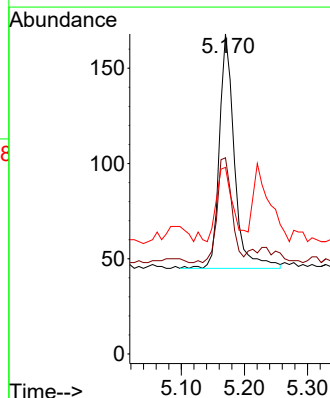
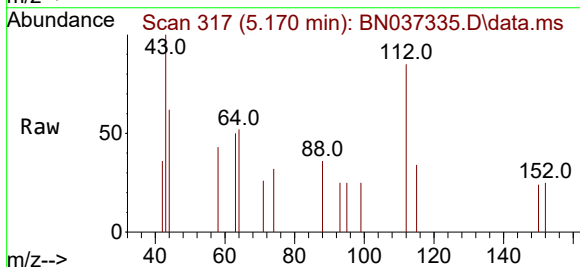
RT: 5.170 min Scan# 317

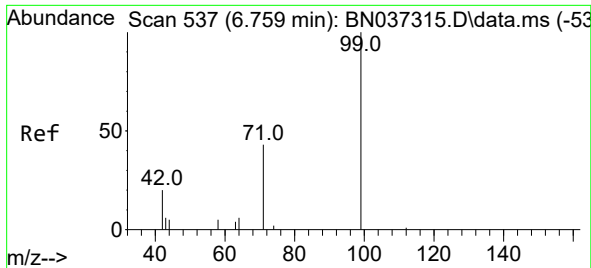
Delta R.T. -0.000 min

Lab File: BN037335.D

Acq: 19 Jun 2025 04:42

Tgt Ion:	112	Resp:	204
Ion	Ratio	Lower	Upper
112	100		
64	43.1	38.7	58.1
63	35.8	26.4	39.6

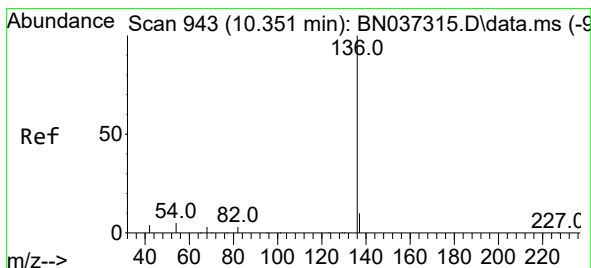
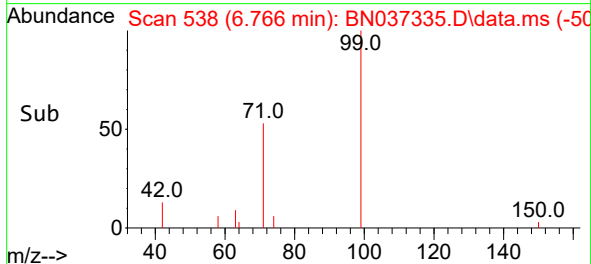
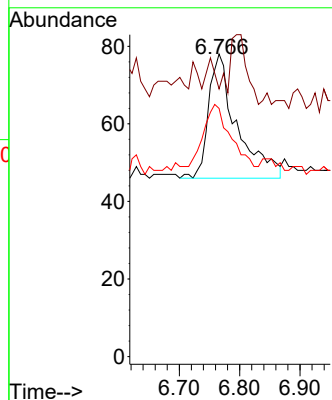
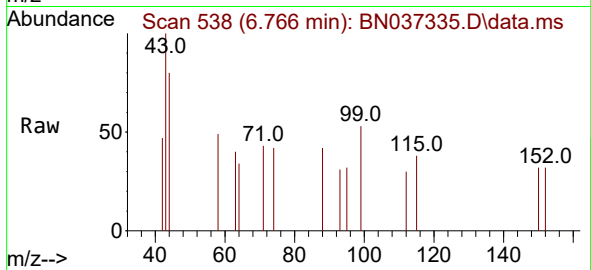




#5
Phenol-d6
Concen: 0.074 ng
RT: 6.766 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN037335.D
Acq: 19 Jun 2025 04:42

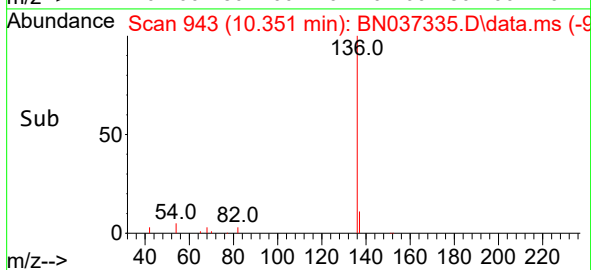
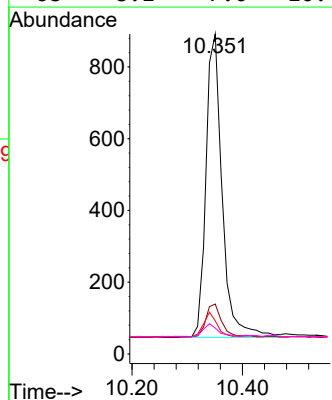
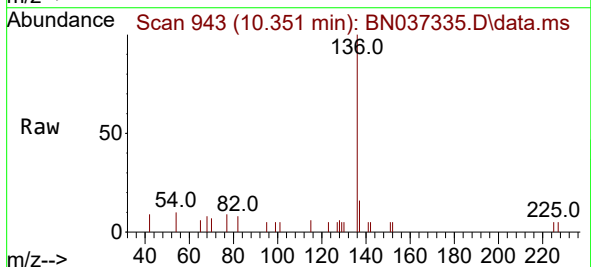
Instrument :
BNA_N
ClientSampleId :

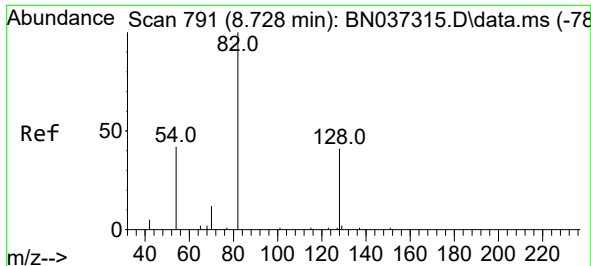
Tgt Ion: 99 Resp: 104
Ion Ratio Lower Upper
99 100
42 9.6 19.8 29.8#
71 57.7 42.6 64.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN037335.D
Acq: 19 Jun 2025 04:42

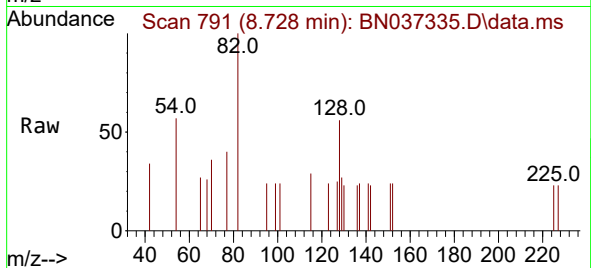
Tgt Ion: 136 Resp: 1733
Ion Ratio Lower Upper
136 100
137 15.6 12.2 18.2
54 10.3 8.8 13.2
68 8.1 7.0 10.4



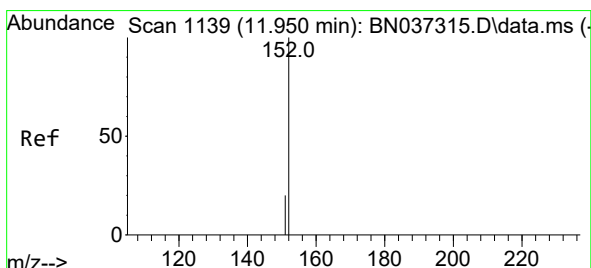
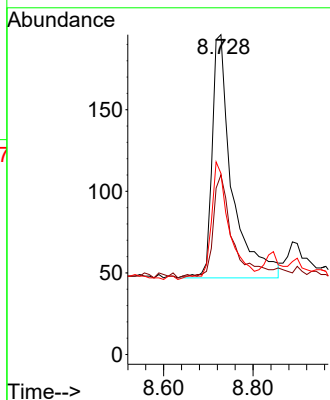
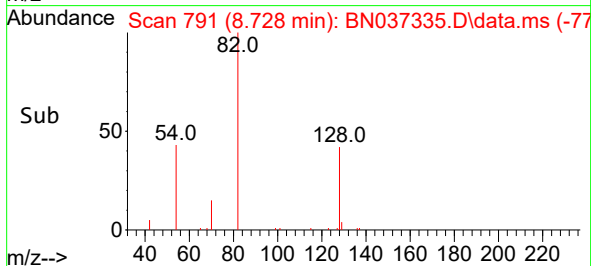


#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 8.728 min Scan# 791
Delta R.T. -0.000 min
Lab File: BN037335.D
Acq: 19 Jun 2025 04:42

Instrument :
BNA_N
ClientSampleId :

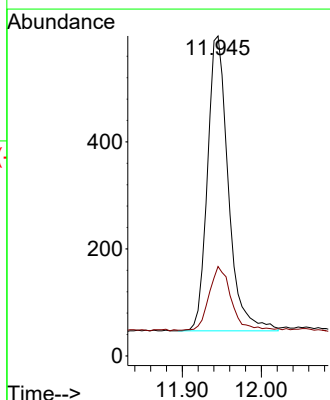
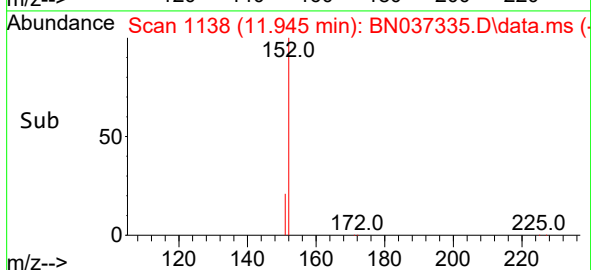
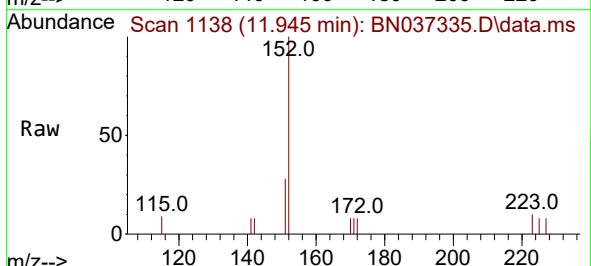


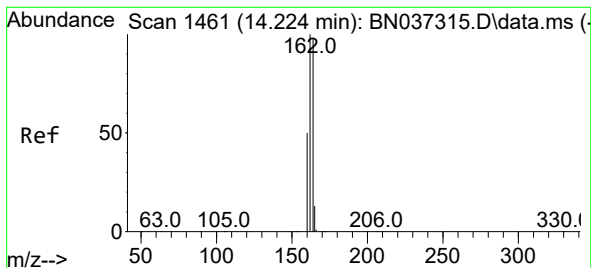
Tgt Ion: 82 Resp: 457
Ion Ratio Lower Upper
82 100
128 56.1 42.5 63.7
54 56.6 43.2 64.8



#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 11.945 min Scan# 1138
Delta R.T. -0.005 min
Lab File: BN037335.D
Acq: 19 Jun 2025 04:42

Tgt Ion:152 Resp: 1011
Ion Ratio Lower Upper
152 100
151 23.2 17.4 26.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.224 min Scan# 1461

Delta R.T. -0.000 min

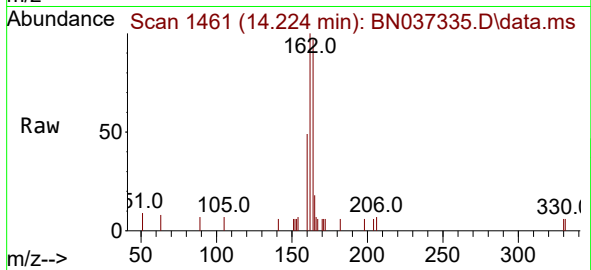
Lab File: BN037335.D

Acq: 19 Jun 2025 04:42

Instrument :

BNA_N

ClientSampleId :



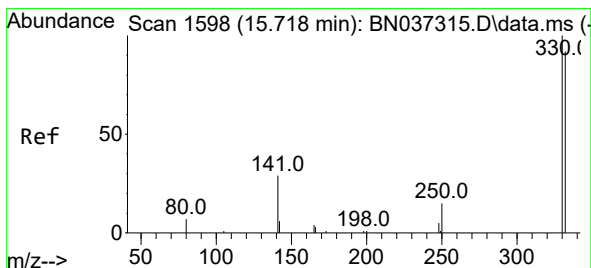
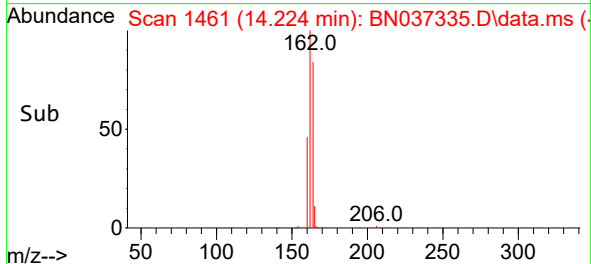
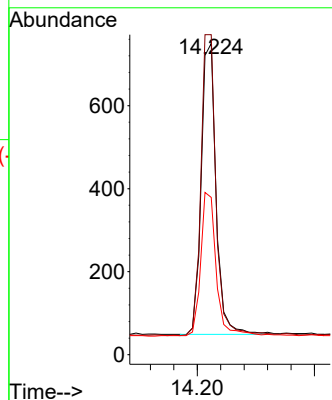
Tgt Ion:164 Resp: 1237

Ion Ratio Lower Upper

164 100

162 102.8 81.5 122.3

160 50.5 43.0 64.4



#14

2,4,6-Tribromophenol

Concen: 0.349 ng

RT: 15.718 min Scan# 1598

Delta R.T. -0.000 min

Lab File: BN037335.D

Acq: 19 Jun 2025 04:42

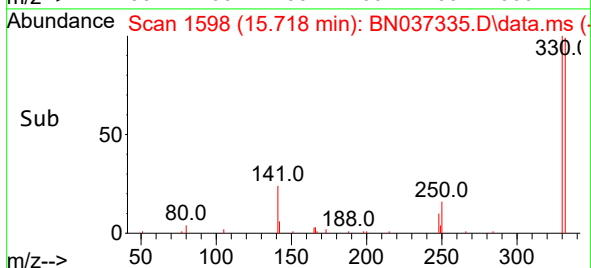
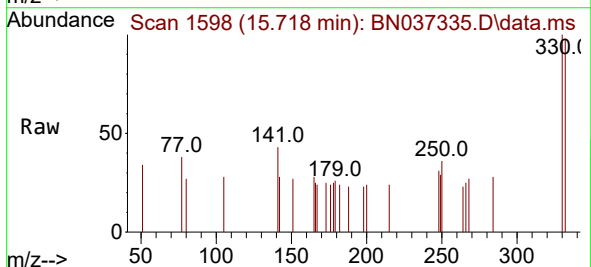
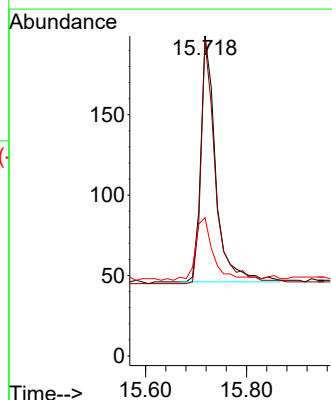
Tgt Ion:330 Resp: 318

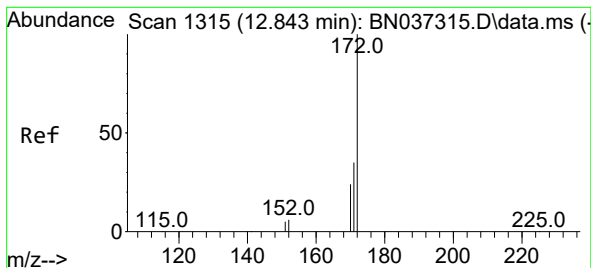
Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

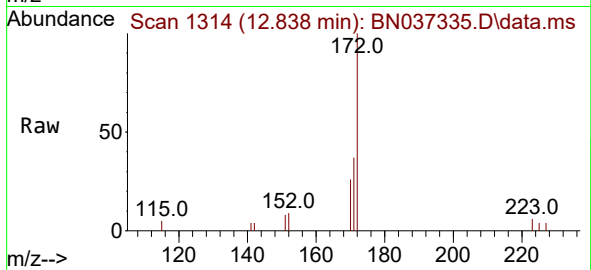
141 30.8 24.4 36.6



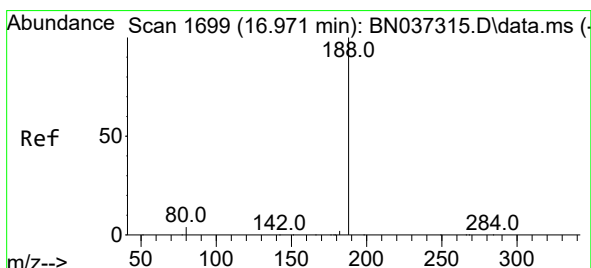
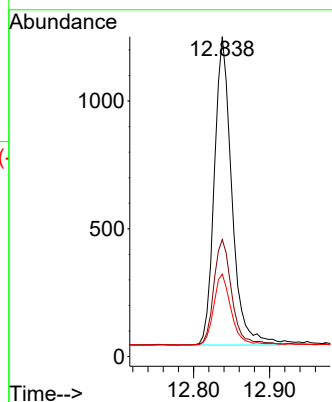
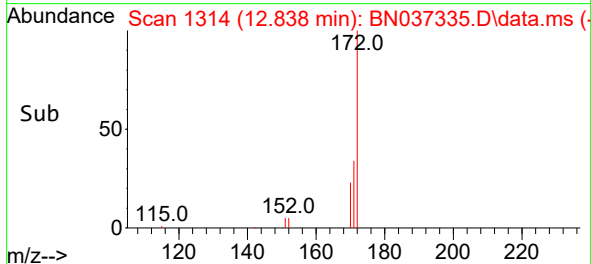


#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 12.838 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037335.D
Acq: 19 Jun 2025 04:42

Instrument :
BNA_N
ClientSampleId :

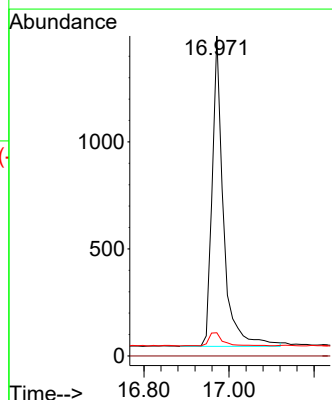
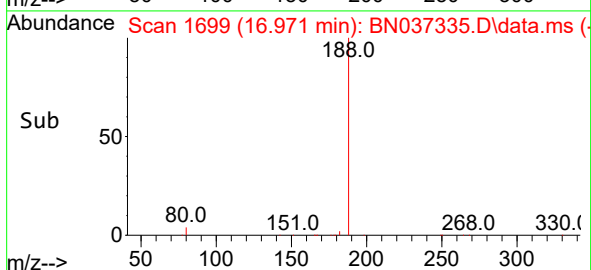
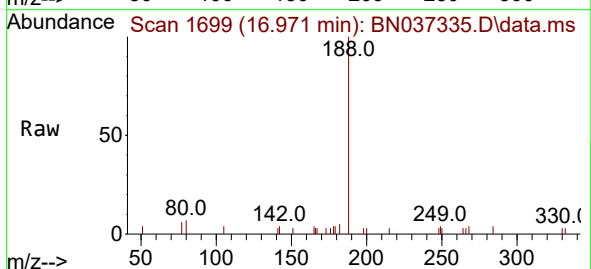


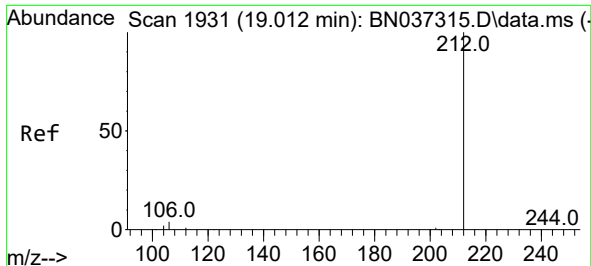
Tgt Ion:172 Resp: 1931
Ion Ratio Lower Upper
172 100
171 36.6 30.8 46.2
170 25.8 21.9 32.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN037335.D
Acq: 19 Jun 2025 04:42

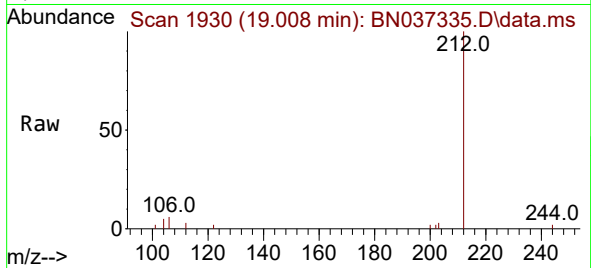
Tgt Ion:188 Resp: 2666
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 6.2 9.2



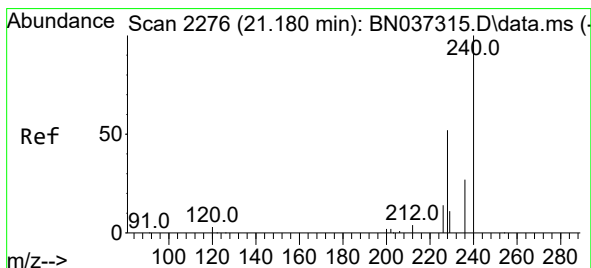
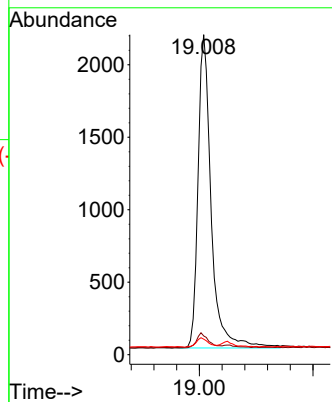
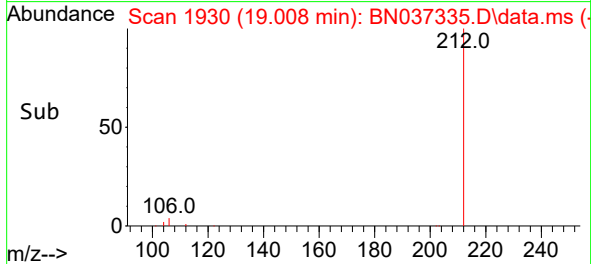


#27
Fluoranthene-d10
Concen: 0.410 ng
RT: 19.008 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BN037335.D
Acq: 19 Jun 2025 04:42

Instrument :
BNA_N
ClientSampleId :

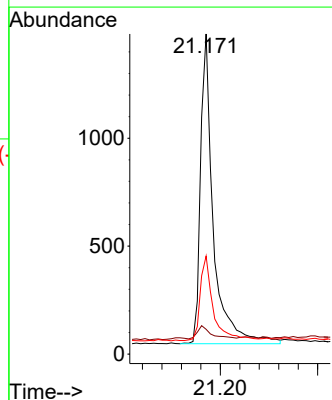
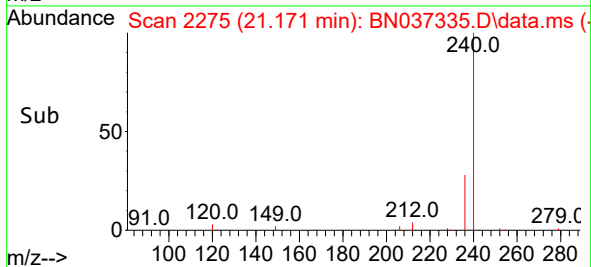
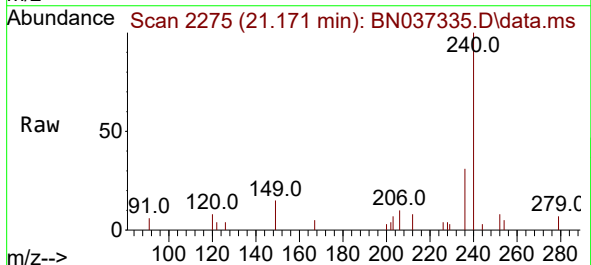


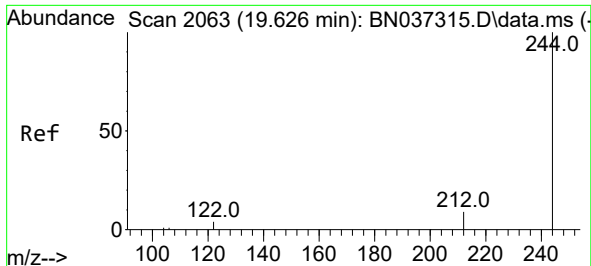
Tgt Ion:212 Resp: 3467
Ion Ratio Lower Upper
212 100
106 4.3 3.0 4.4
104 2.8 2.0 3.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2275
Delta R.T. -0.009 min
Lab File: BN037335.D
Acq: 19 Jun 2025 04:42

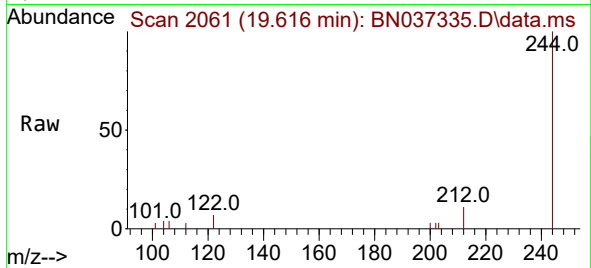
Tgt Ion:240 Resp: 2615
Ion Ratio Lower Upper
240 100
120 7.8 7.5 11.3
236 30.6 24.9 37.3



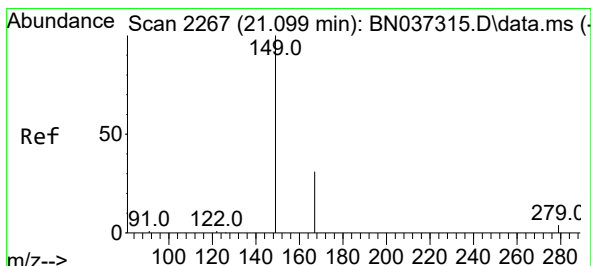
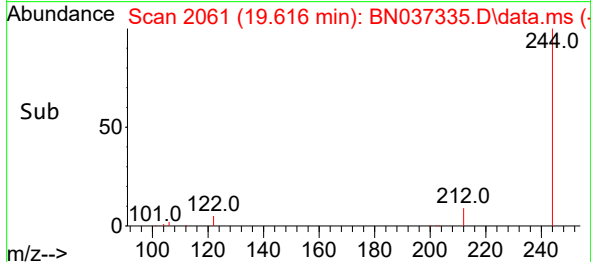
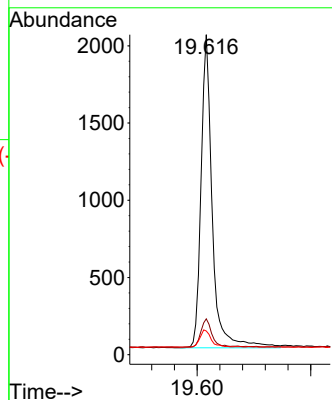


#31
 Terphenyl-d14
 Concen: 0.461 ng
 RT: 19.616 min Scan# 2061
 Delta R.T. -0.009 min
 Lab File: BN037335.D
 Acq: 19 Jun 2025 04:42

Instrument :
 BNA_N
 ClientSampleId :

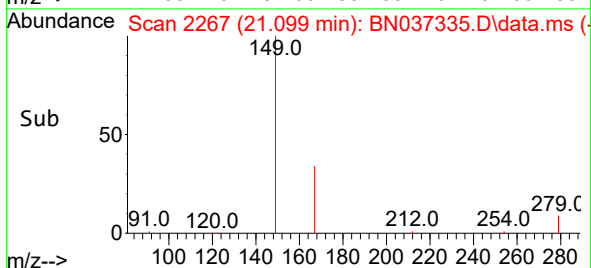
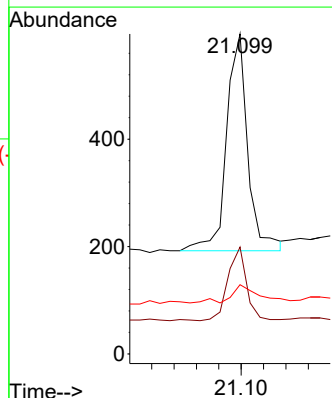
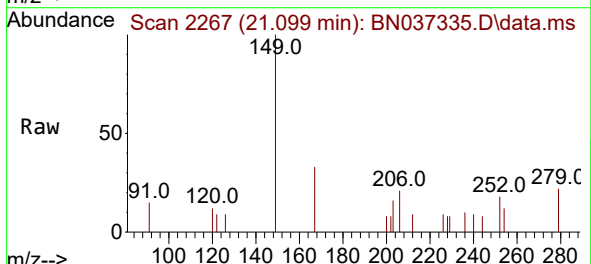


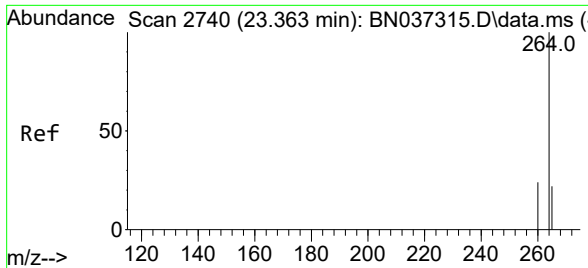
Tgt Ion:244 Resp: 2768
 Ion Ratio Lower Upper
 244 100
 212 11.2 11.1 16.7
 122 7.4 7.2 10.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.155 ng
 RT: 21.099 min Scan# 2267
 Delta R.T. -0.000 min
 Lab File: BN037335.D
 Acq: 19 Jun 2025 04:42

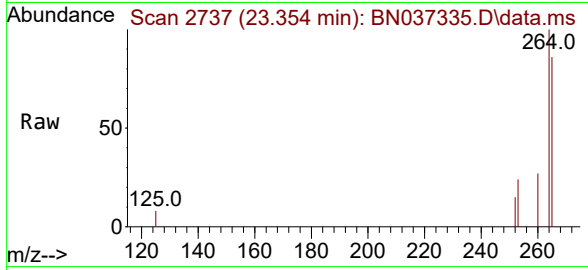
Tgt Ion:149 Resp: 535
 Ion Ratio Lower Upper
 149 100
 167 29.7 24.6 37.0
 279 11.2 6.5 9.7#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.354 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037335.D
Acq: 19 Jun 2025 04:42

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 2770

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.4	32.2
265	85.7	71.4	107.0

