

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038373.D
 Acq On : 13 Dec 2025 05:29
 Operator : RC/JU
 Sample : Q3839-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS2

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/15/2025
 Supervised By :Jagrut Upadhyay 12/15/2025

Supervised By :Jagrut
 Upadhyay
 12/15/2025

Quant Time: Dec 13 06:07:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5356	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	14057	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	7269	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	12780	0.400	ng	#-0.01
29) Chrysene-d12	21.340	240	10483	0.400	ng	# 0.00
35) Perylene-d12	23.622	264	11023	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	2702	0.203	ng	0.00
5) Phenol-d6	6.887	99	3175	0.200	ng	0.00
8) Nitrobenzene-d5	8.875	82	2364	0.199	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	3517	0.177	ng	0.00
14) 2,4,6-Tribromophenol	15.883	330	573	0.178	ng	-0.01
15) 2-Fluorobiphenyl	13.009	172	6680	0.191	ng	0.00
27) Fluoranthene-d10	19.183	212	4970	0.157	ng	0.00
31) Terphenyl-d14	19.782	244	2849	0.122	ng	0.00
Target Compounds						Qvalue
12) 2-Methylnaphthalene	12.197	142	546	0.021	ng	# 85
25) Phenanthrene	17.186	178	1263	0.028	ng	# 97
28) Fluoranthene	19.211	202	1321	0.028	ng	# 96
30) Pyrene	19.573	202	1259	0.024	ng	97
34) Bis(2-ethylhexyl)phtha...	21.259	149	1550	0.070	ng	99

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

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Misc :
ALS Vial : 31 Sample Multiplier: 1

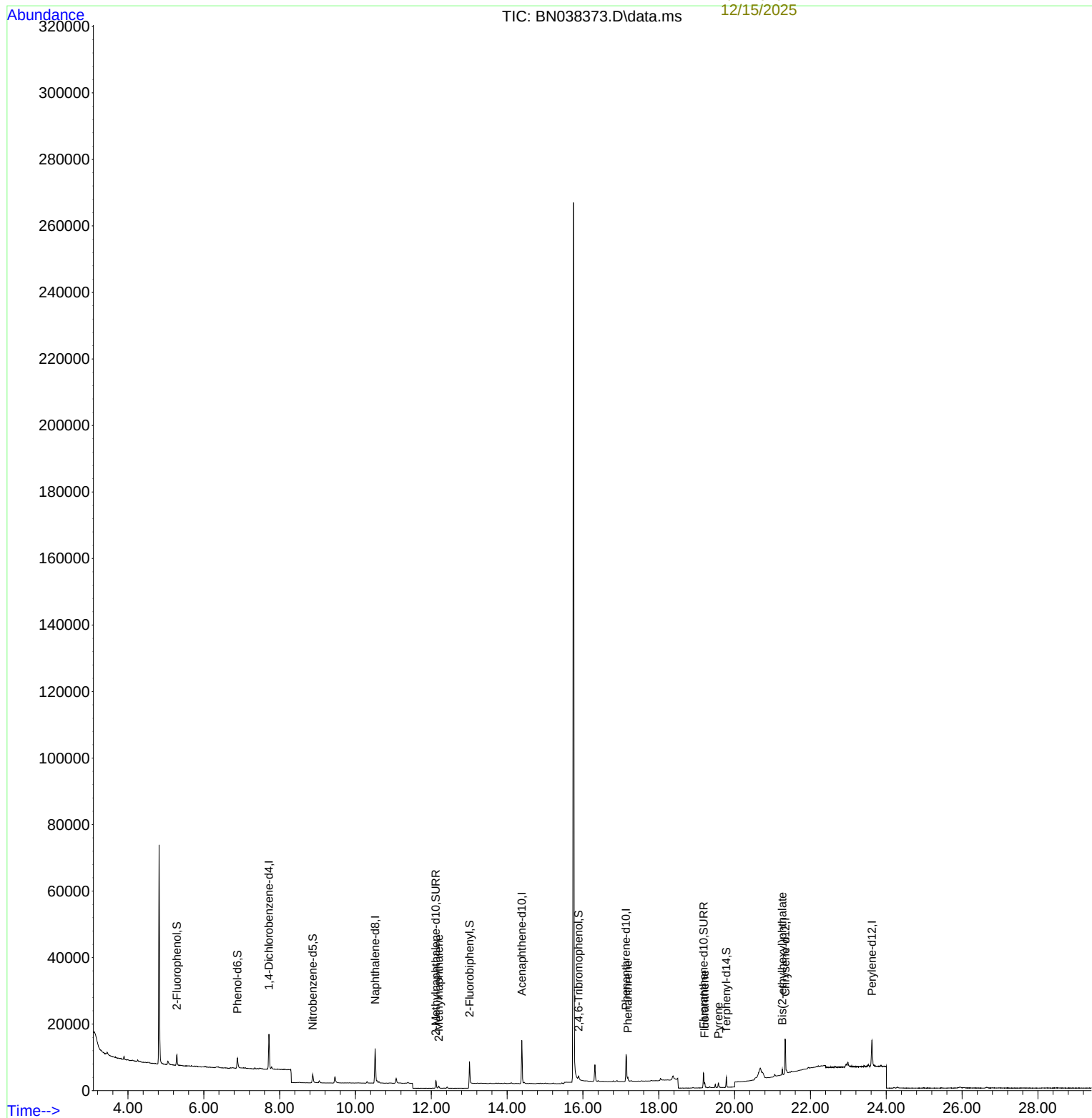
Instrument :
BNA_N
ClientSampleId :
C0AS2

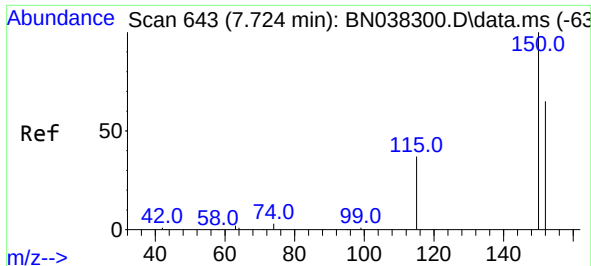
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12/15/2025

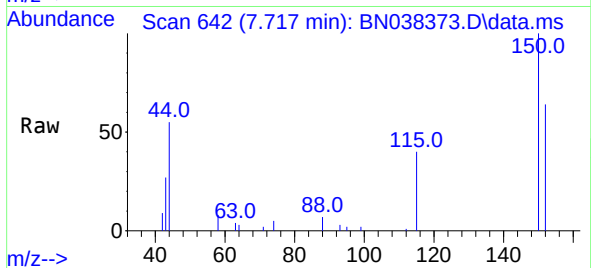
Quant Time: Dec 13 06:07:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 643
Delta R.T. -0.007 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29

Instrument :
BNA_N
ClientSampleId :
C0AS2

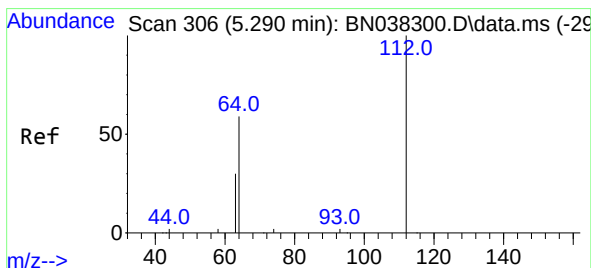
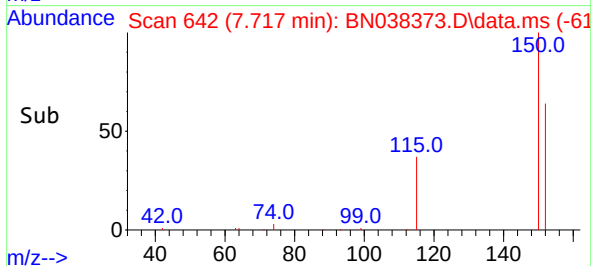
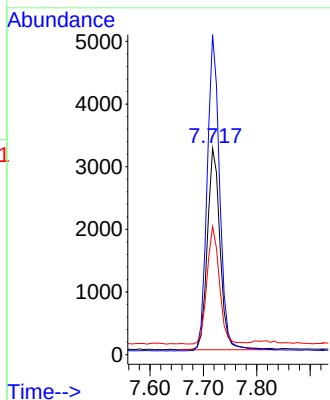


Tgt Ion:152 Resp: 5350
Ion Ratio Lower Upper
152 100
150 155.1 122.4 183.6
115 62.1 47.3 70.9

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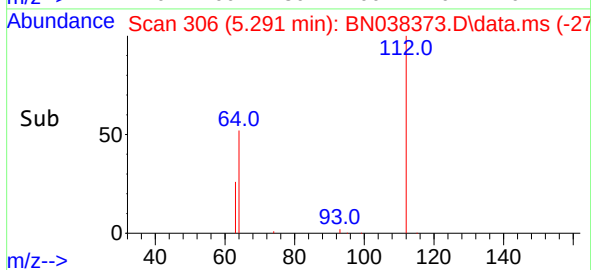
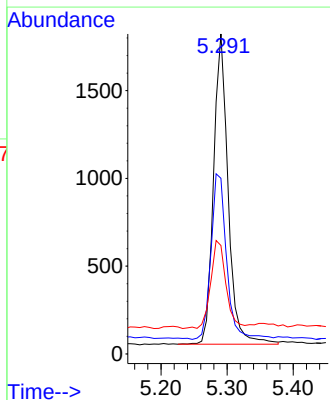
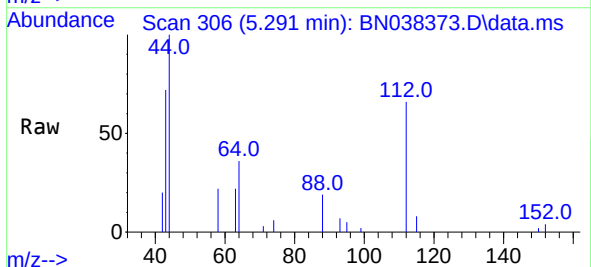
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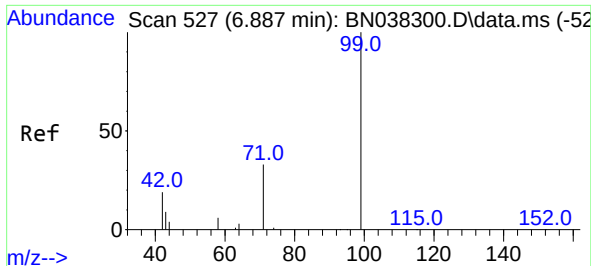
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#4
2-Fluorophenol
Concen: 0.203 ng
RT: 5.291 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29

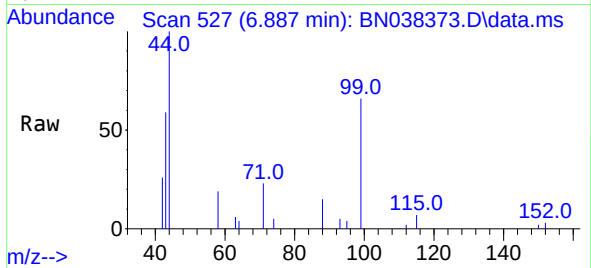
Tgt Ion:112 Resp: 2702
Ion Ratio Lower Upper
112 100
64 57.3 44.4 66.6
63 29.0 23.4 35.0





#5
Phenol-d6
Concen: 0.200 ng
RT: 6.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29

Instrument :
BNA_N
ClientSampleId :
C0AS2

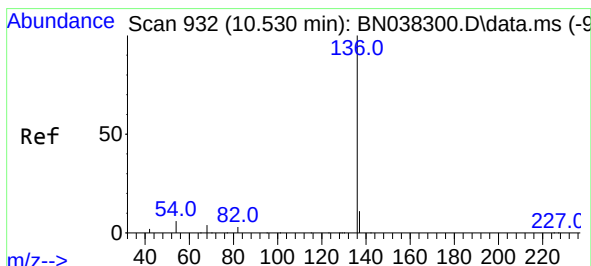
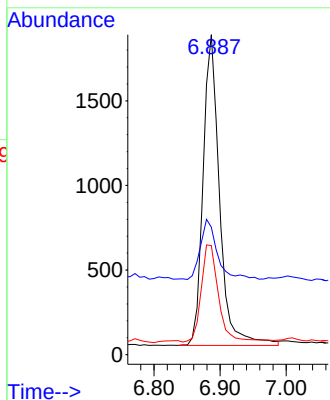
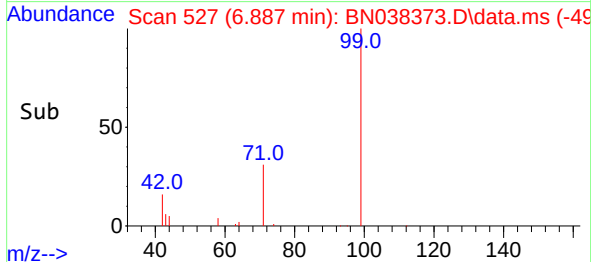


Tgt Ion: 99 Resp: 317
Ion Ratio Lower Upper
99 100
42 19.9 16.5 24.7
71 33.3 24.9 37.3

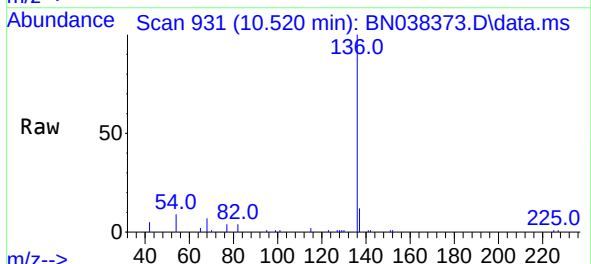
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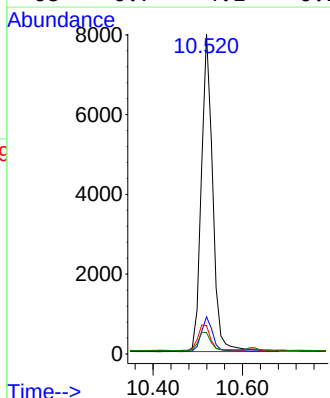
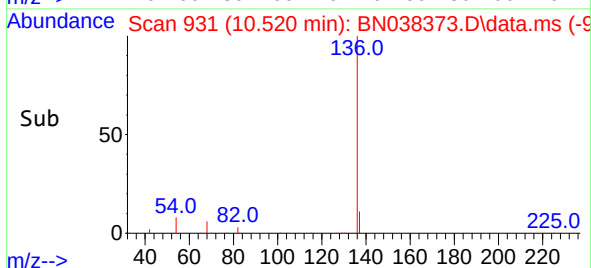
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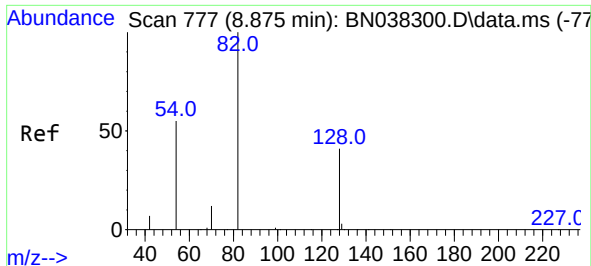


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29



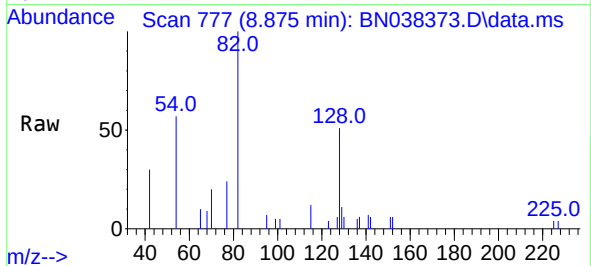
Tgt Ion:136 Resp: 14057
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 8.9 5.2 7.8#
68 6.7 4.1 6.1#





#8
Nitrobenzene-d5
Concen: 0.199 ng
RT: 8.875 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29

Instrument :
BNA_N
ClientSampleId :
C0AS2

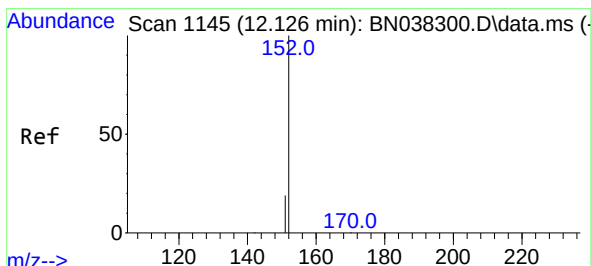
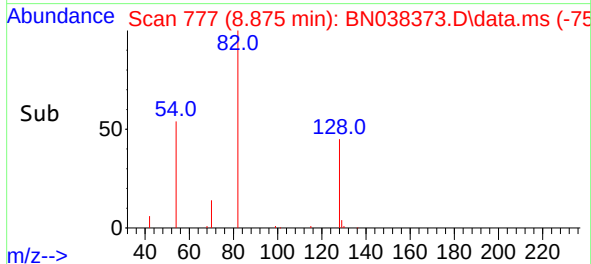
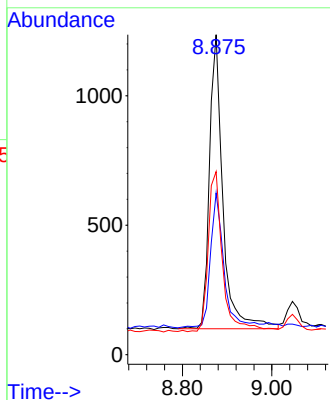


Tgt Ion: 82 Resp: 2364
Ion Ratio Lower Upper
82 100
128 50.6 34.0 51.0
54 57.2 44.4 66.6

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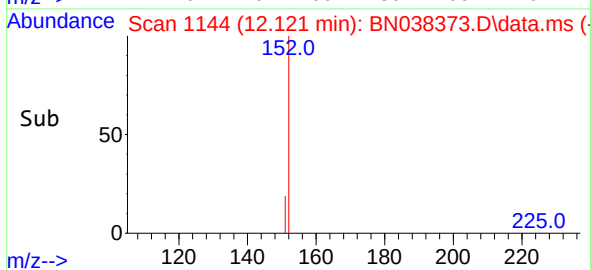
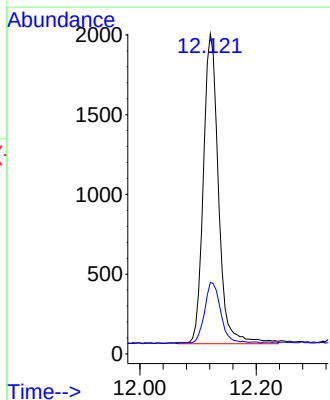
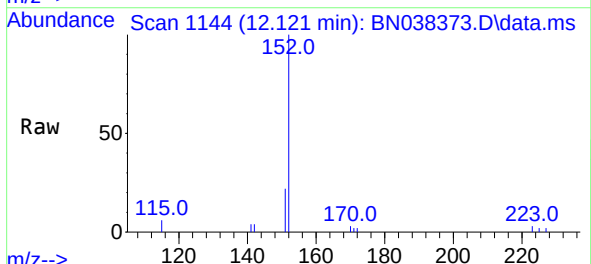
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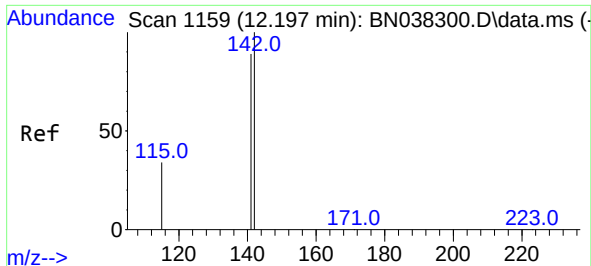
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#11
2-Methylnaphthalene-d10
Concen: 0.177 ng
RT: 12.121 min Scan# 1144
Delta R.T. -0.005 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29

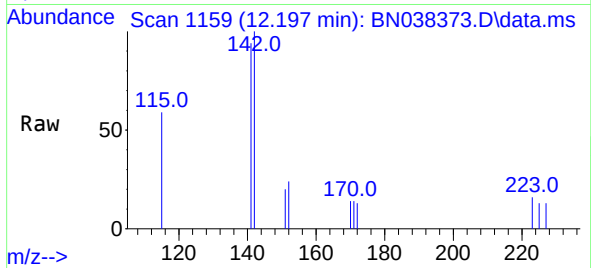
Tgt Ion:152 Resp: 3517
Ion Ratio Lower Upper
152 100
151 20.2 17.0 25.6





#12
2-Methylnaphthalene
Concen: 0.021 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.005 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29

Instrument :
BNA_N
ClientSampleId :
C0AS2

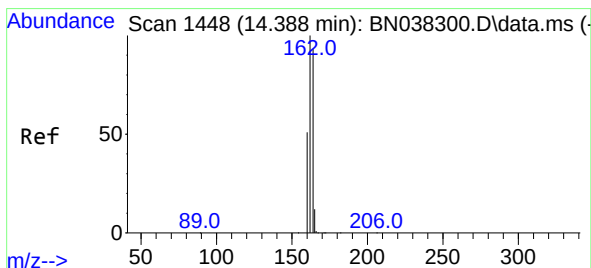
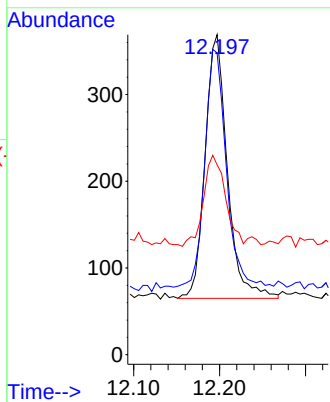
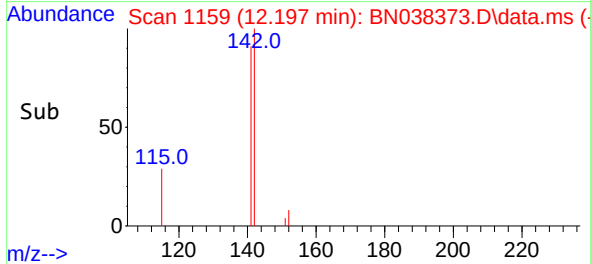


Tgt Ion:142 Resp: 540
Ion Ratio Lower Upper
142 100
141 94.3 71.4 107.2
115 59.3 28.4 42.6

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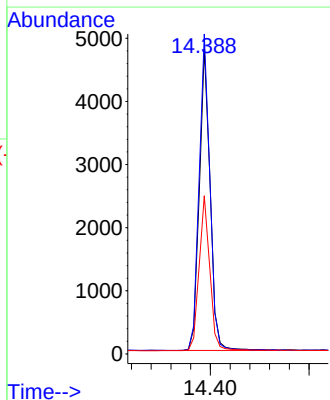
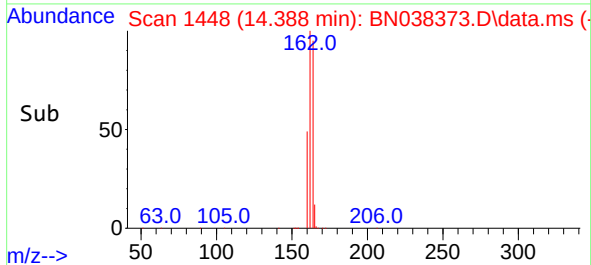
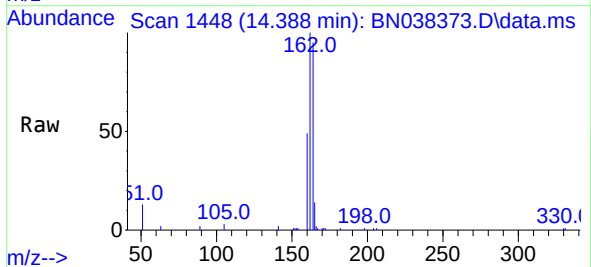
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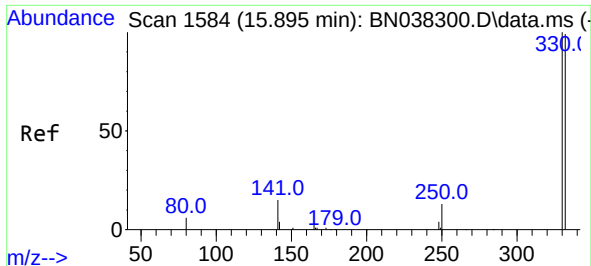
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29

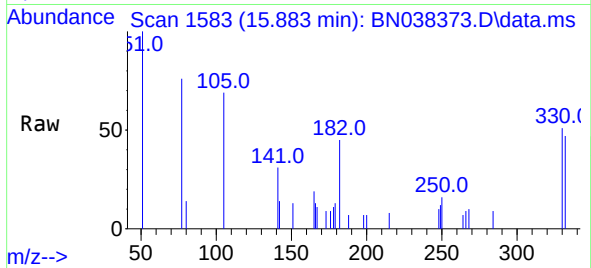
Tgt Ion:164 Resp: 7269
Ion Ratio Lower Upper
164 100
162 104.9 86.2 129.4
160 51.9 44.6 67.0





#14
2,4,6-Tribromophenol
Concen: 0.178 ng
RT: 15.883 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29

Instrument :
BNA_N
ClientSampleId :
C0AS2

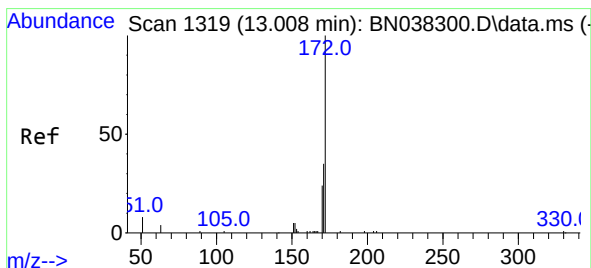
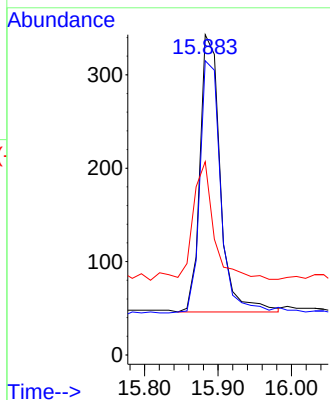
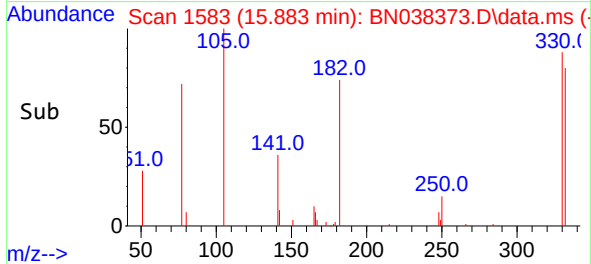


Tgt Ion: 330 Resp: 57.0
Ion Ratio Lower Upper
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332 94.1 75.8 113.6
141 45.5 31.8 47.8

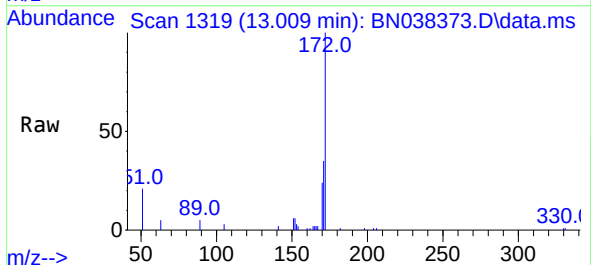
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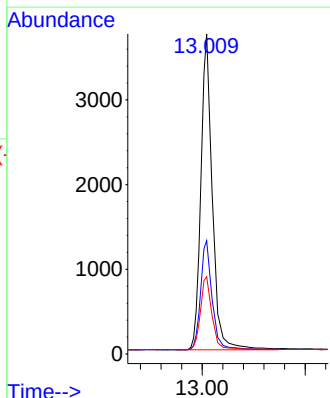
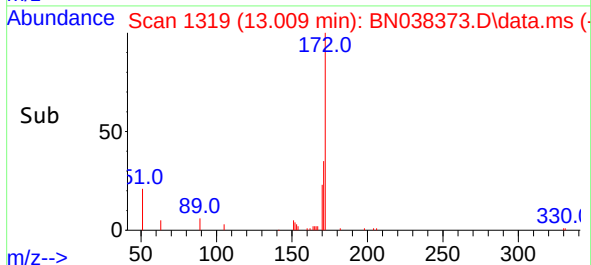
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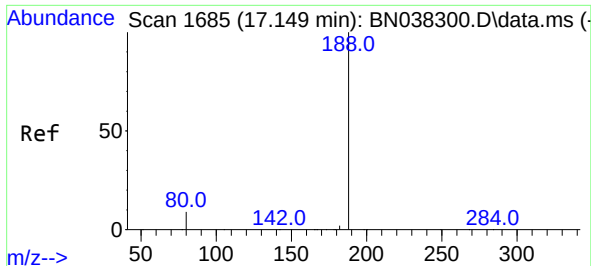


#15
2-Fluorobiphenyl
Concen: 0.191 ng
RT: 13.009 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29



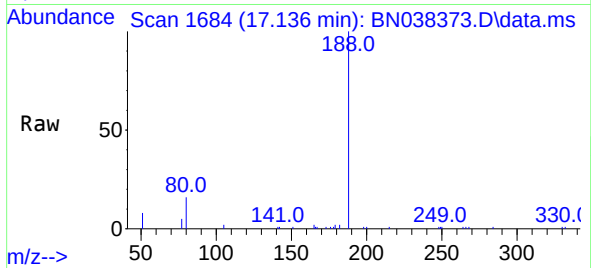
Tgt Ion: 172 Resp: 6680
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 24.2 19.3 28.9





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29

Instrument :
BNA_N
ClientSampleId :
C0AS2

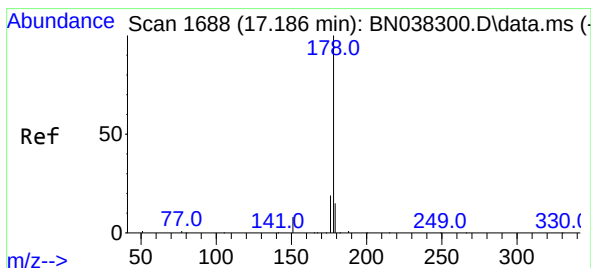
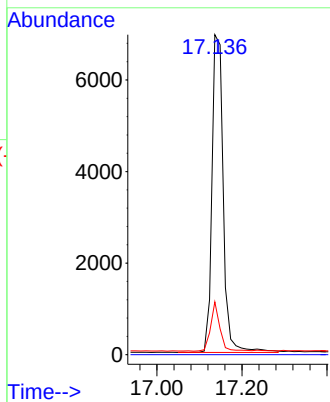
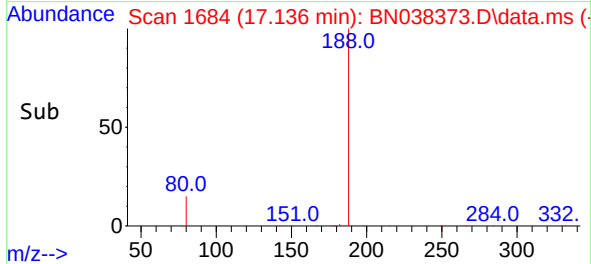


Tgt Ion:188 Resp: 12780
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.5 7.4 11.0

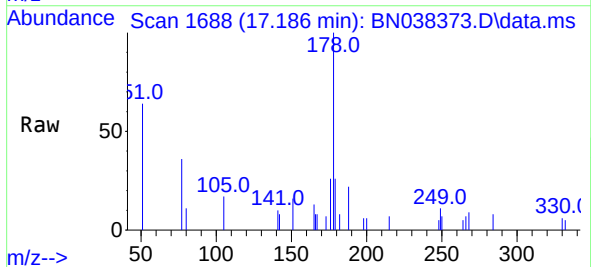
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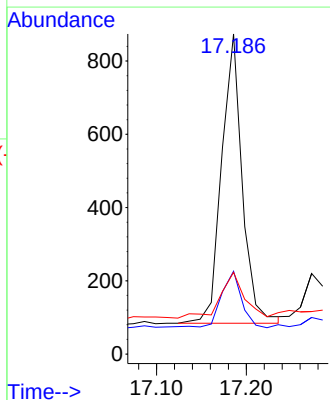
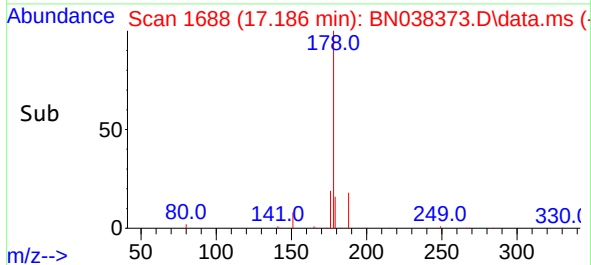
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12/15/2025

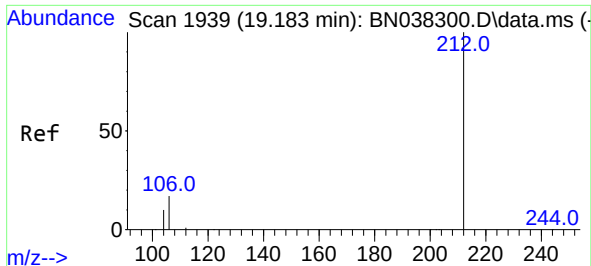


#25
Phenanthrene
Concen: 0.028 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29



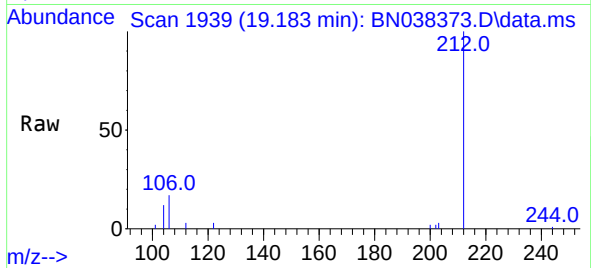
Tgt Ion:178 Resp: 1263
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 18.3 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.157 ng
RT: 19.183 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29

Instrument :
BNA_N
ClientSampleId :
C0AS2

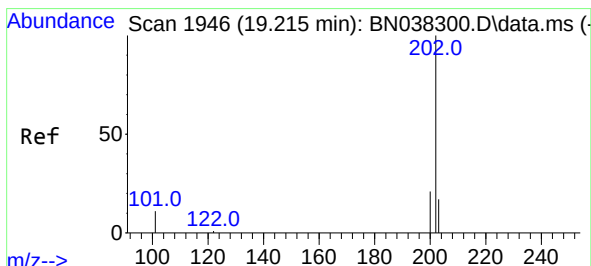
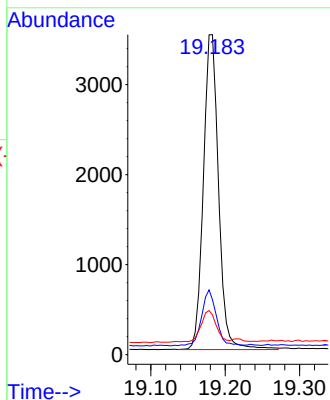
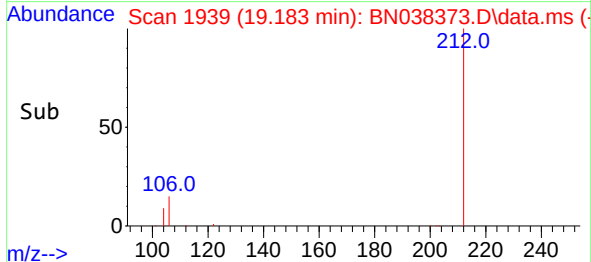


Tgt Ion:212 Resp: 4970
Ion Ratio Lower Upper
212 100
106 17.4 13.7 20.5
104 9.7 7.8 11.8

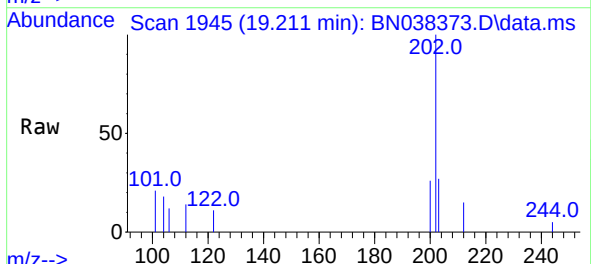
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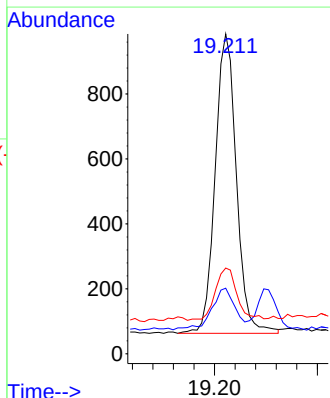
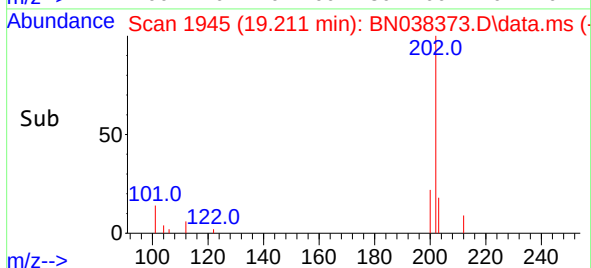
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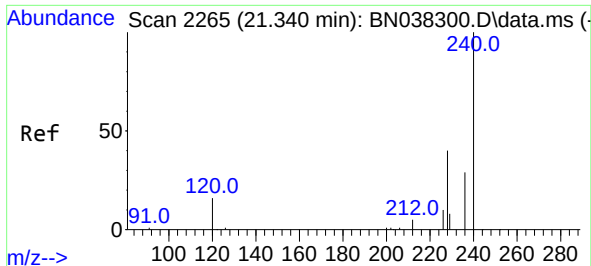


#28
Fluoranthene
Concen: 0.028 ng
RT: 19.211 min Scan# 1945
Delta R.T. -0.009 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29



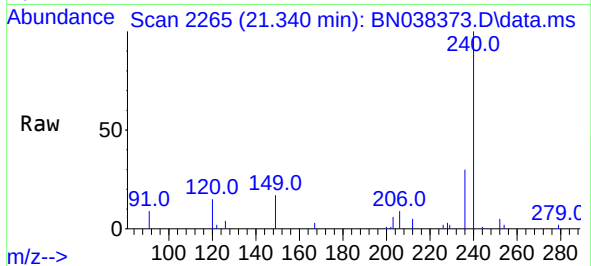
Tgt Ion:202 Resp: 1321
Ion Ratio Lower Upper
202 100
101 15.2 9.6 14.4#
203 17.0 13.5 20.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29

Instrument :
BNA_N
ClientSampleId :
C0AS2

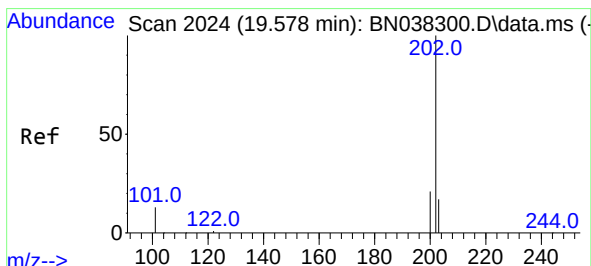
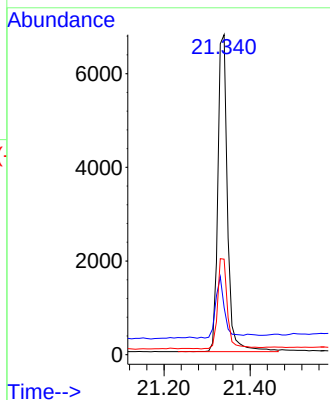
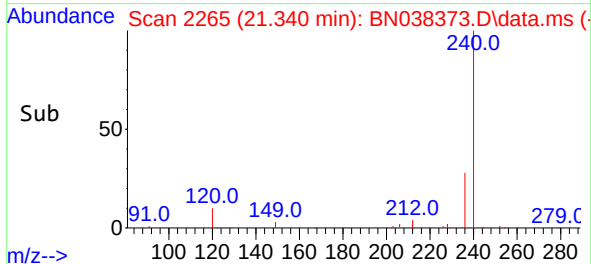


Tgt Ion:240 Resp: 1048
Ion Ratio Lower Upper
240 100
120 14.8 15.4 23.2
236 29.9 23.9 35.9

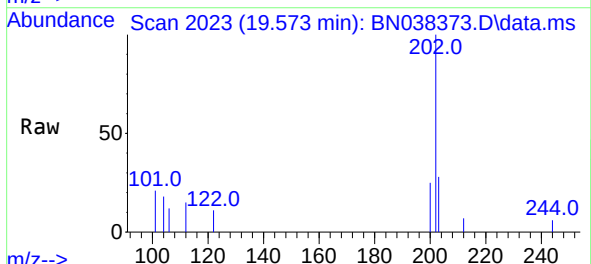
Manual Integrations
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Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

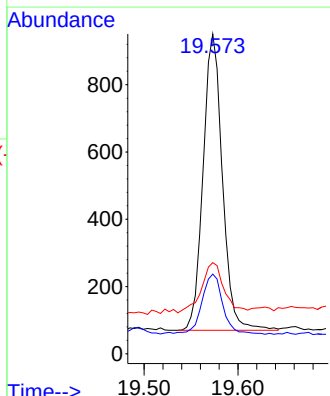
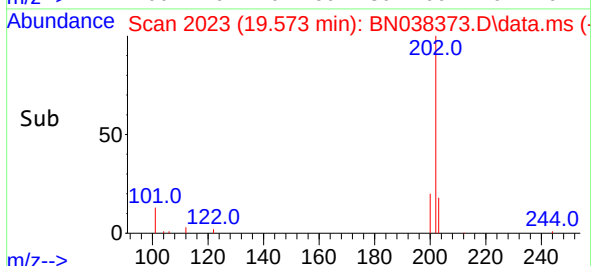
Supervised By :Jagrut
Upadhyay
12/15/2025

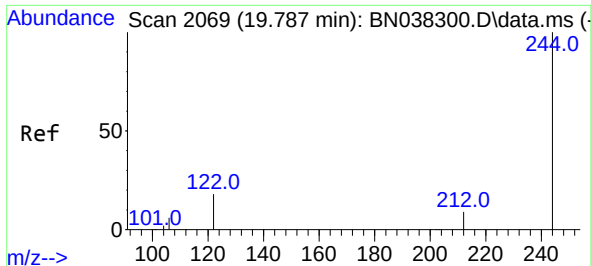


#30
Pyrene
Concen: 0.024 ng
RT: 19.573 min Scan# 2023
Delta R.T. -0.009 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29



Tgt Ion:202 Resp: 1259
Ion Ratio Lower Upper
202 100
200 22.0 16.9 25.3
203 19.9 14.2 21.2





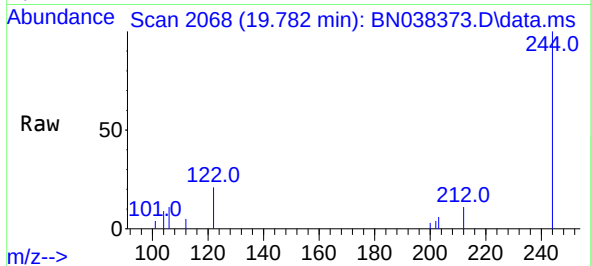
#31
Terphenyl-d14
Concen: 0.122 ng
RT: 19.782 min Scan# 2069
Delta R.T. -0.009 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29

Instrument :

BNA_N

ClientSampleId :

C0AS2



Tgt Ion:244 Resp: 2849
Ion Ratio Lower Upper
244 100
212 11.1 7.9 11.9
122 21.4 15.0 22.6

Manual Integrations

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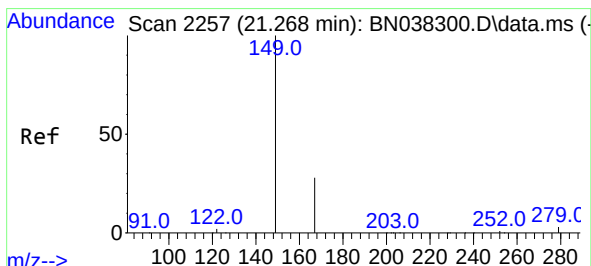
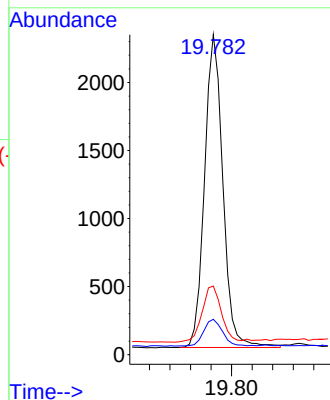
Reviewed By :Rahul Chavli 12/15/2025

Supervised By :Jagrut Upadhyay 12/15/2025

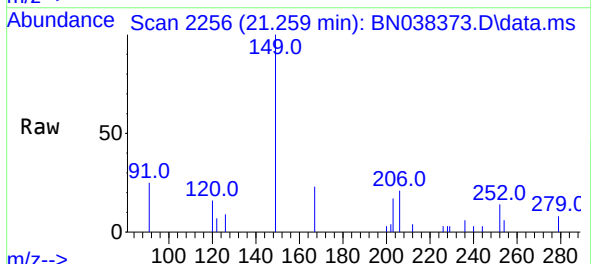
Supervised By :Jagrut

Upadhyay

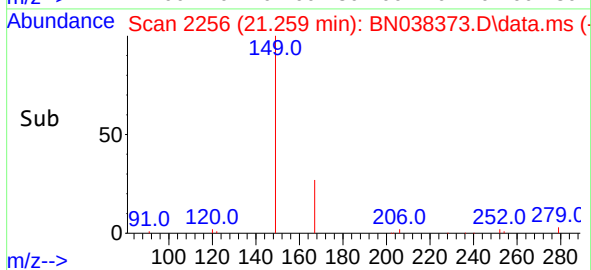
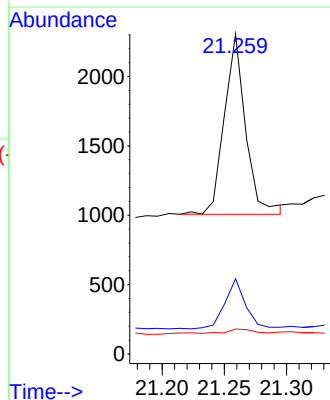
12/15/2025

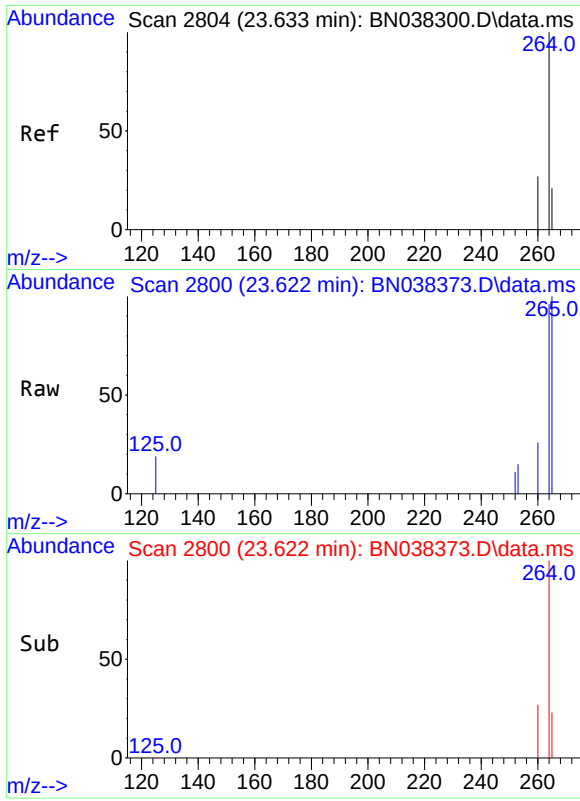


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.070 ng
RT: 21.259 min Scan# 2256
Delta R.T. -0.009 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29



Tgt Ion:149 Resp: 1550
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.0
279 2.5 2.4 3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.622 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN038373.D
Acq: 13 Dec 2025 05:29

Instrument :
BNA_N
ClientSampleId :
C0AS2

Tgt Ion:264	Resp:	1102
Ion Ratio	Lower	Upper
264	100	
260	27.6	22.2 33.2
265	104.6	80.2 120.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

Supervised By :Jagrut
Upadhyay
12/15/2025

