

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018284.D
 Acq On : 30 Dec 2021 06:14
 Operator : CG/JU
 Sample : M5212-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-62

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/31/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 30 08:59:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 29 16:08:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	32390	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	136280	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	90191	0.400	ng	# 0.00
19) Phenanthrene-d10	17.005	188	169252	0.400	ng	# 0.00
29) Chrysene-d12	21.196	240	145697	0.400	ng	0.00
35) Perylene-d12	23.419	264	131624	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	11821	0.182	ng	0.02
5) Phenol-d6	6.840	99	6456	0.103	ng	0.00
8) Nitrobenzene-d5	8.784	82	35818	0.491	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	73962	0.323	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	20463	0.729	ng	-0.01
15) 2-Fluorobiphenyl	12.886	172	127786	0.374	ng	-0.01
27) Fluoranthene-d10	19.038	212	198364	0.368	ng	0.00
31) Terphenyl-d14	19.644	244	213332	0.576	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.470	128	23874	0.071	ng	# 47
12) 2-Methylnaphthalene	12.083	142	6470	0.030	ng	# 72
17) Acenaphthene	14.320	154	209785	0.901	ng	98
18) Fluorene	15.309	166	174303	0.635	ng	# 96
26) Anthracene	17.127	178	34297	0.126	ng	# 80
32) Benzo(a)anthracene	21.174	228	1653	0.060	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.121	149	35066	0.193	ng	# 98

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

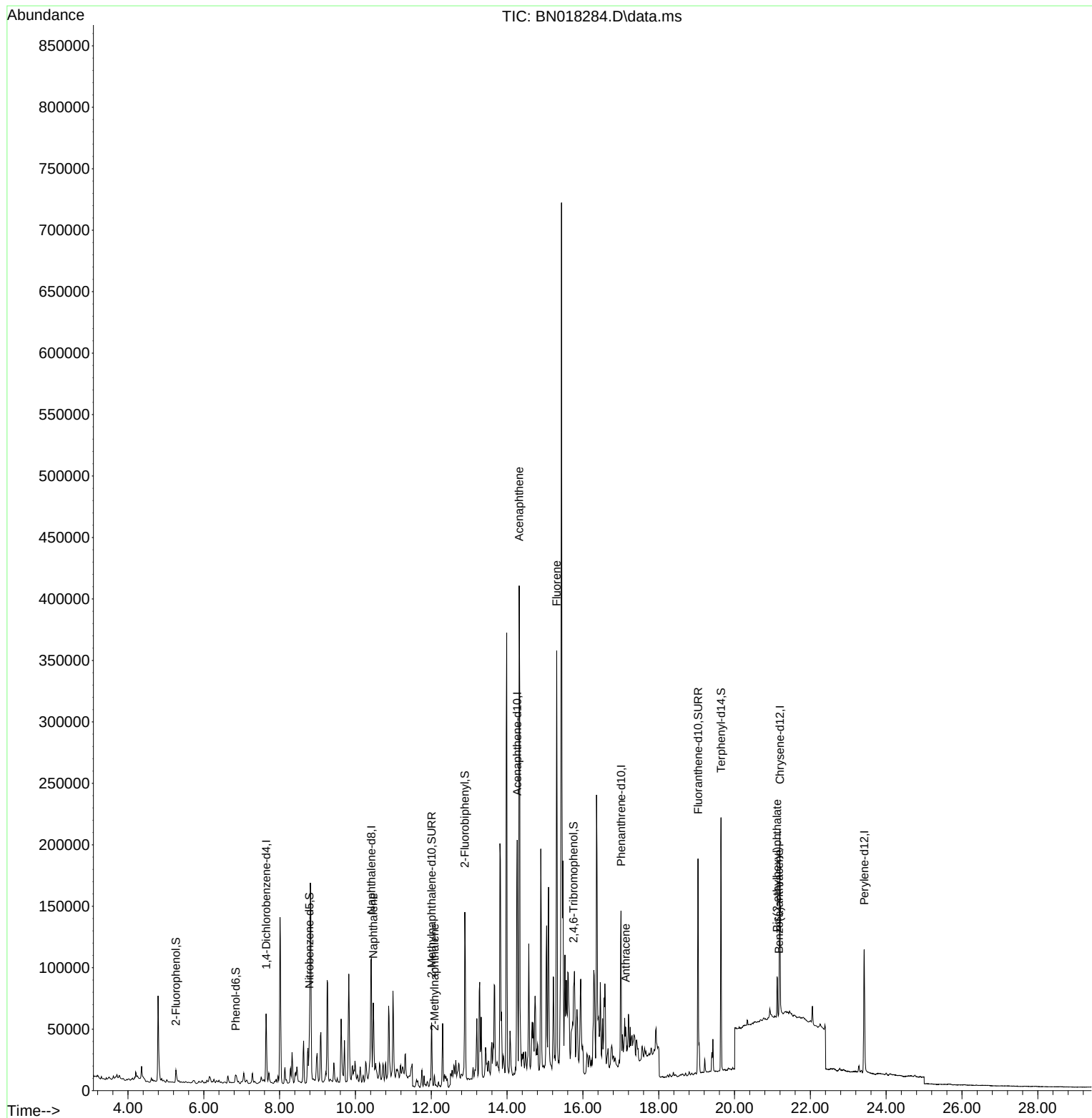
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018284.D
Acq On : 30 Dec 2021 06:14
Operator : CG/JU
Sample : M5212-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

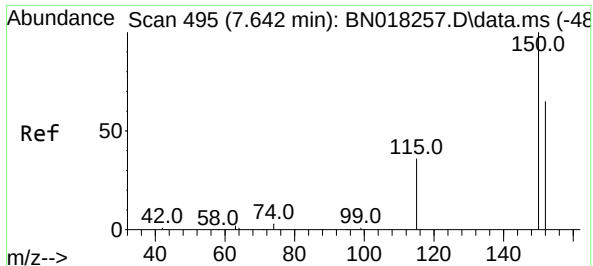
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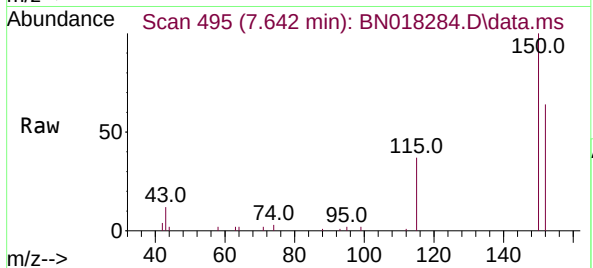
Quant Time: Dec 30 08:59:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

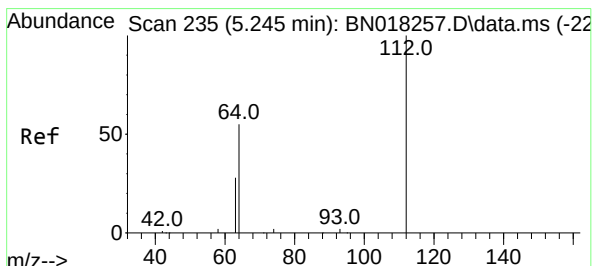
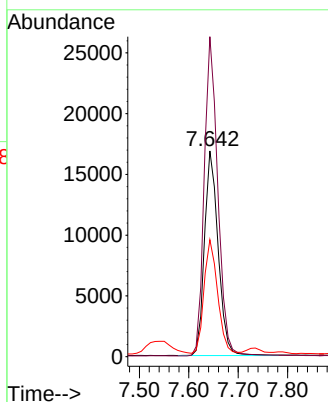
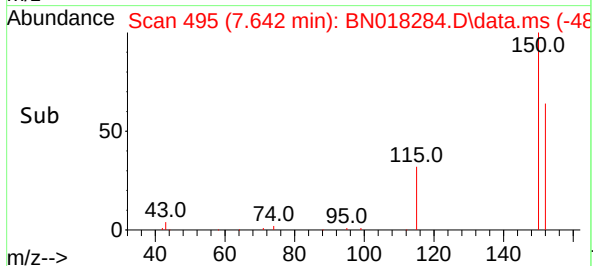
Instrument :
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ClientSampleId :
MW-62



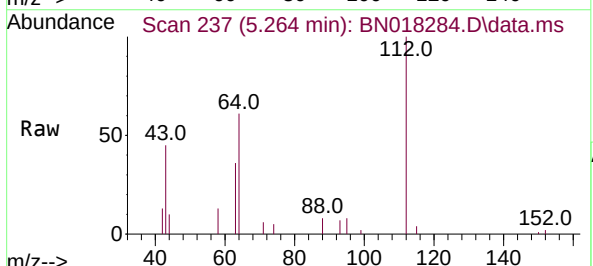
Tgt Ion:152 Resp: 32390
Ion Ratio Lower Upper
152 100
150 155.5 121.7 182.5
115 56.9 43.8 65.8

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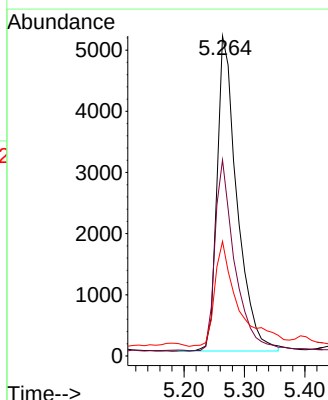
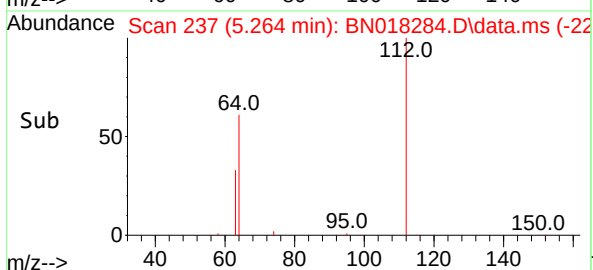
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

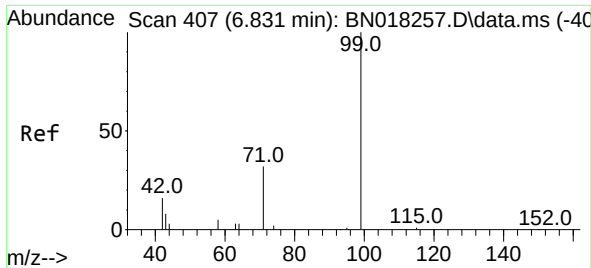


#4
2-Fluorophenol
Concen: 0.182 ng
RT: 5.264 min Scan# 237
Delta R.T. 0.019 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14



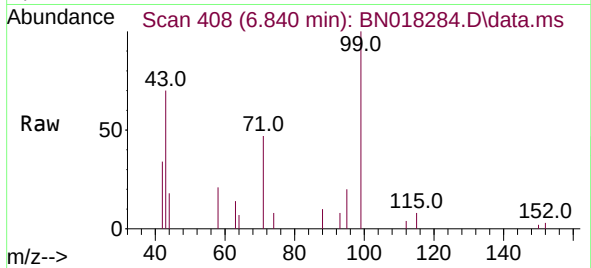
Tgt Ion:112 Resp: 11821
Ion Ratio Lower Upper
112 100
64 59.7 48.0 72.0
63 38.7 25.3 37.9





#5
Phenol-d6
Concen: 0.103 ng
RT: 6.840 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

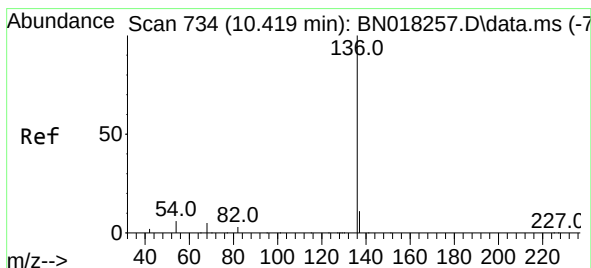
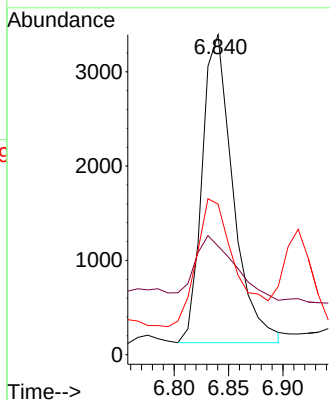
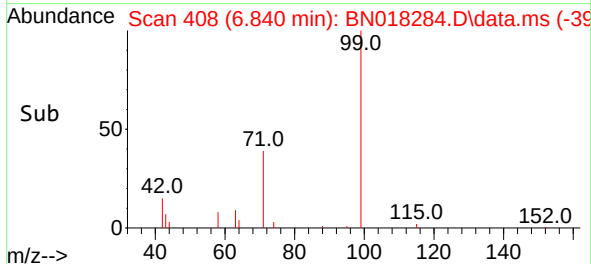
Instrument :
BNA_N
ClientSampleId :
MW-62



Tgt Ion: 99 Resp: 6450
Ion Ratio Lower Upper
99 100
42 27.3 16.3 24.5
71 53.6 26.8 40.2

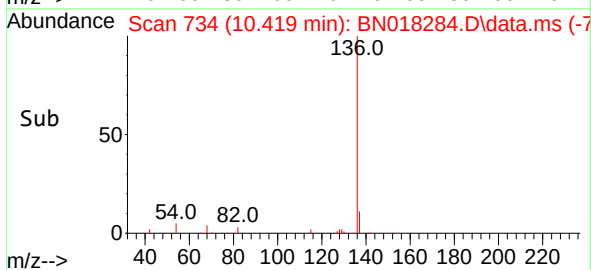
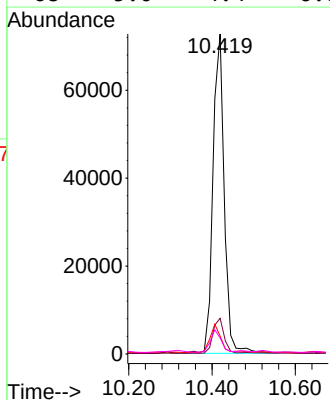
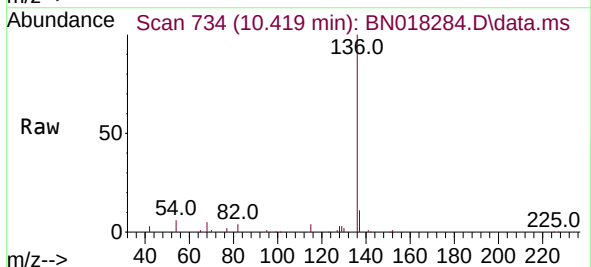
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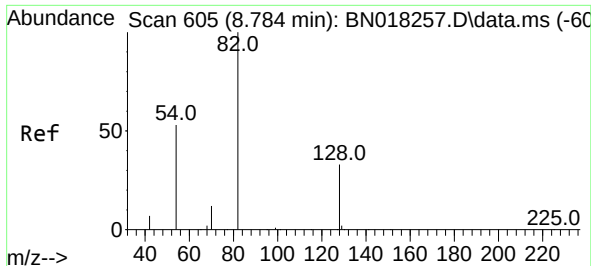
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

Tgt Ion:136 Resp: 136280
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.6 5.0 7.6
68 5.0 4.4 6.6





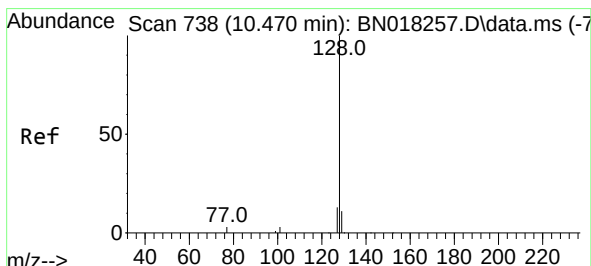
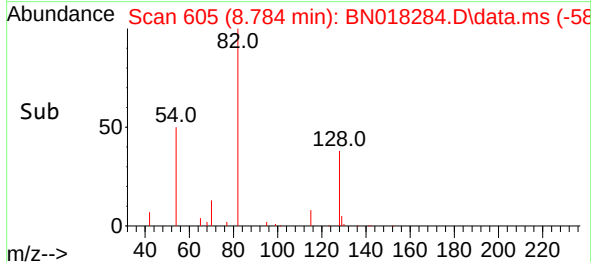
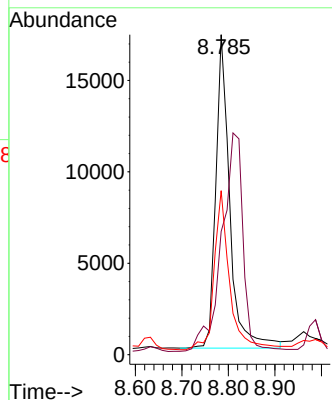
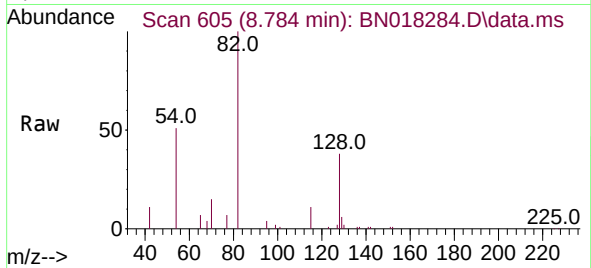
#8
Nitrobenzene-d5
Concen: 0.491 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

Instrument :
BNA_N
ClientSampleId :
MW-62

Tgt Ion: 82 Resp: 35818
Ion Ratio Lower Upper
82 100
128 38.5 33.7 50.5
54 51.3 36.6 55.0

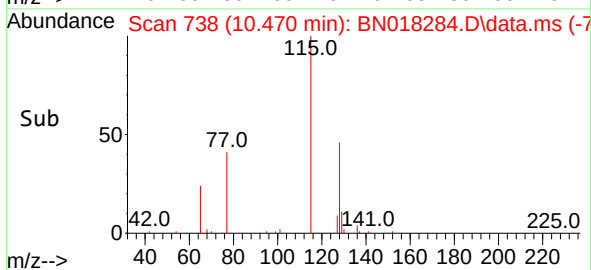
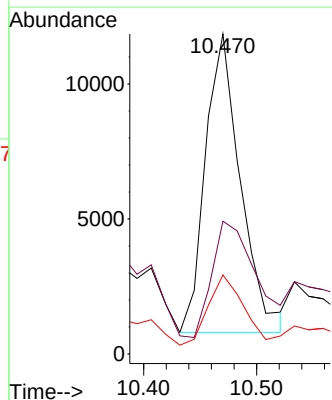
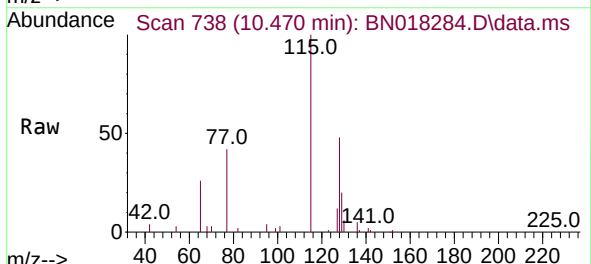
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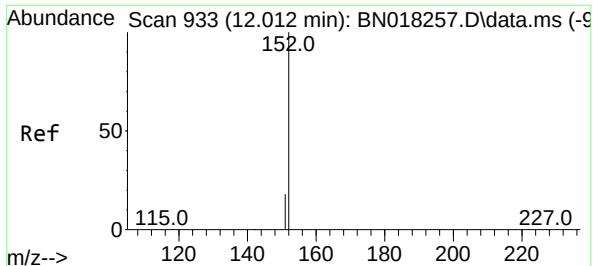
Reviewed By :Yogesh Patel 12/31/2021
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#9
Naphthalene
Concen: 0.071 ng
RT: 10.470 min Scan# 738
Delta R.T. 0.000 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

Tgt Ion:128 Resp: 23874
Ion Ratio Lower Upper
128 100
129 41.5 8.7 13.1#
127 24.7 10.4 15.6#





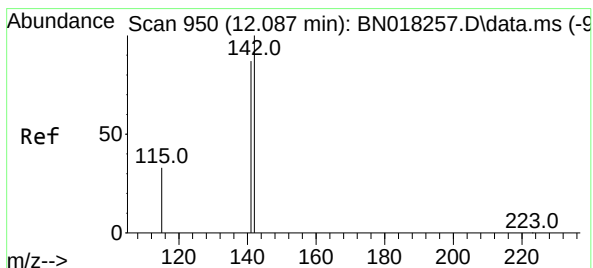
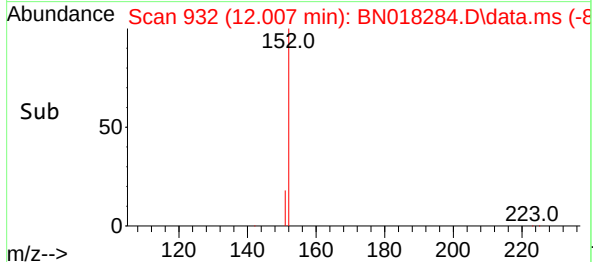
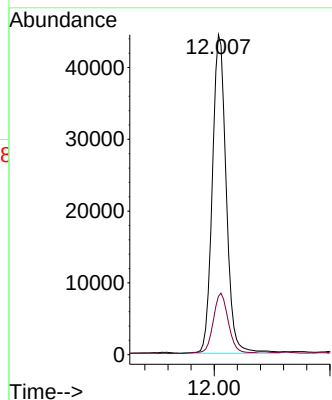
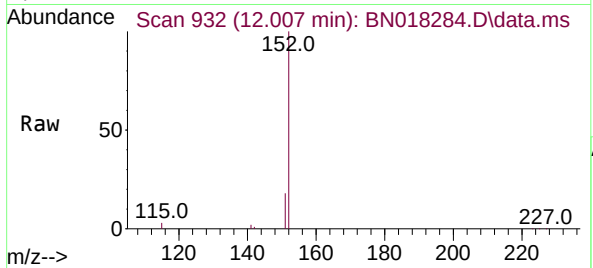
#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 12.007 min Scan# 91
Delta R.T. -0.004 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 73962
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2

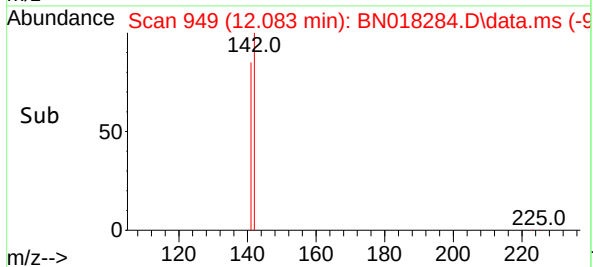
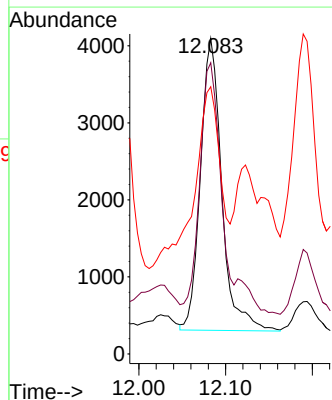
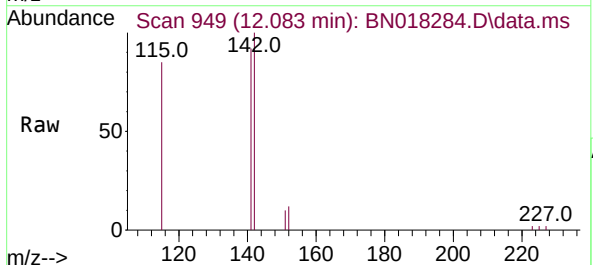
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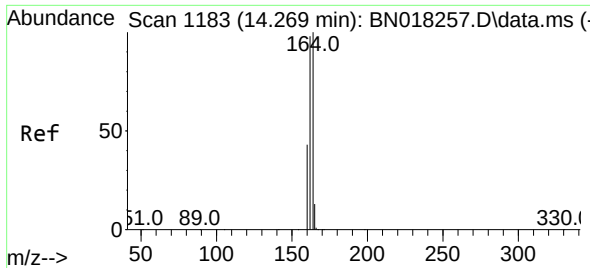
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#12
2-Methylnaphthalene
Concen: 0.030 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.004 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

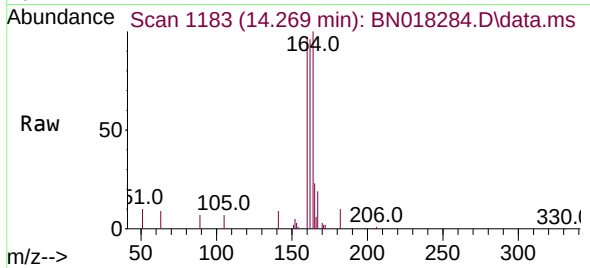
Tgt Ion:142 Resp: 6470
Ion Ratio Lower Upper
142 100
141 92.3 70.0 105.0
115 84.7 27.8 41.8#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

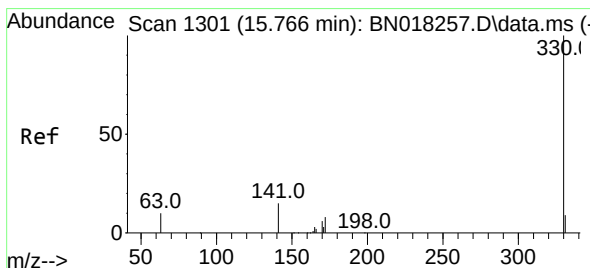
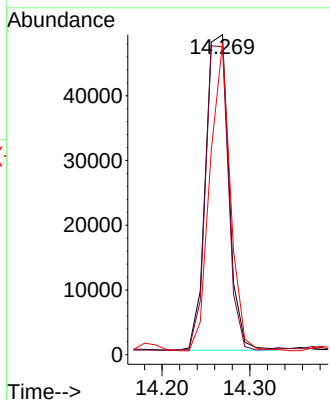
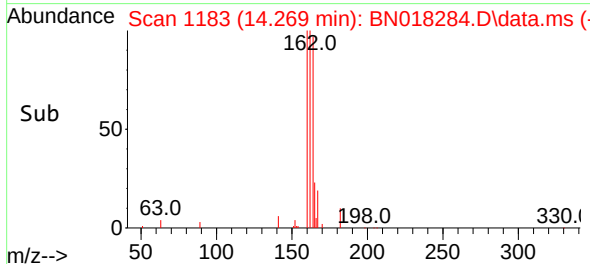
Instrument :
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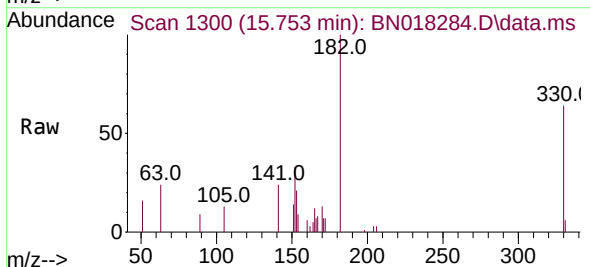
Tgt Ion:164 Resp: 9019
Ion Ratio Lower Upper
164 100
162 96.2 80.2 120.2
160 97.4 36.9 55.3

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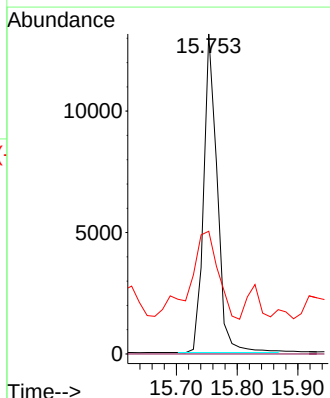
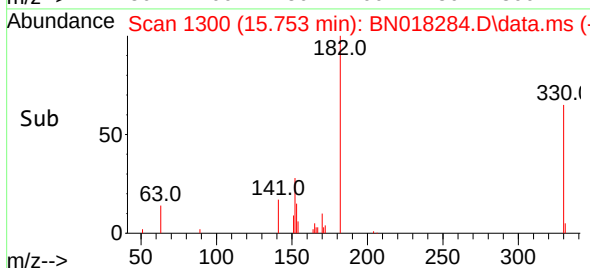
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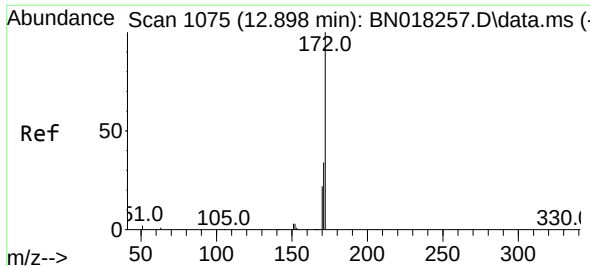


#14
2,4,6-Tribromophenol
Concen: 0.729 ng
RT: 15.753 min Scan# 1300
Delta R.T. -0.013 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14



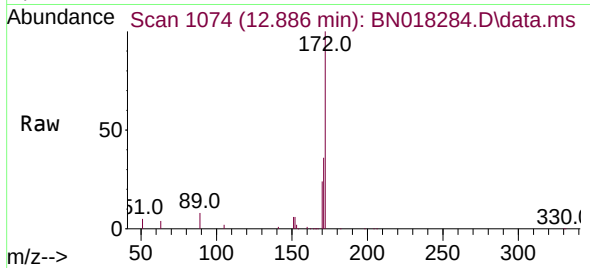
Tgt Ion:330 Resp: 20463
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 48.9 21.3 31.9





#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

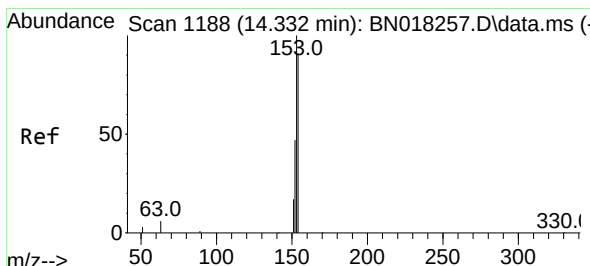
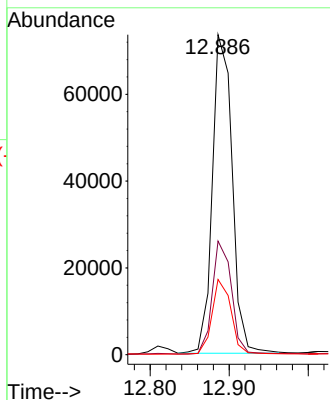
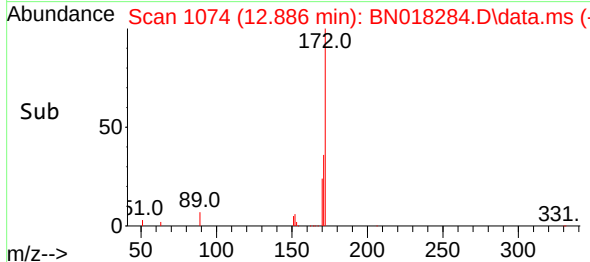
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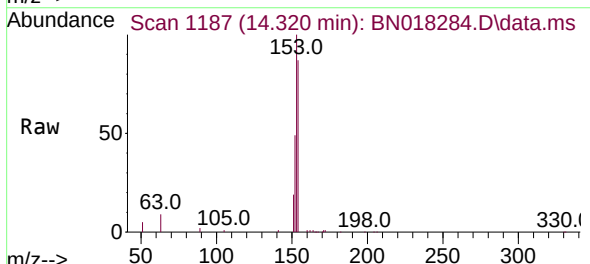
Tgt Ion:172 Resp: 127780
Ion Ratio Lower Upper
172 100
171 35.5 27.4 41.0
170 23.5 18.4 27.6

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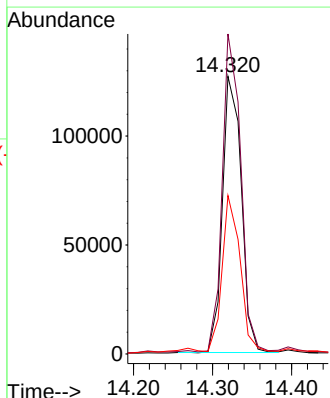
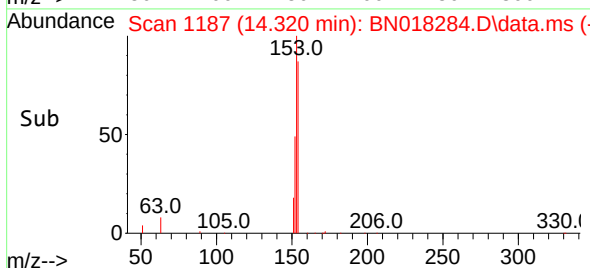
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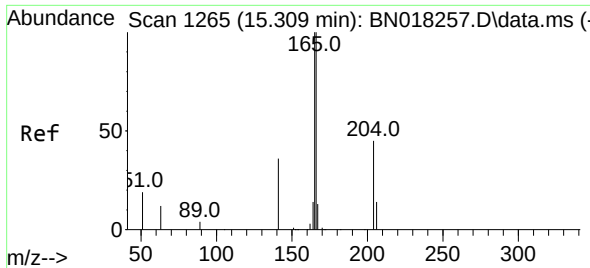


#17
Acenaphthene
Concen: 0.901 ng
RT: 14.320 min Scan# 1187
Delta R.T. -0.013 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14



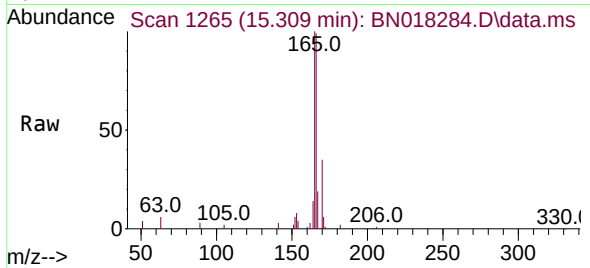
Tgt Ion:154 Resp: 209785
Ion Ratio Lower Upper
154 100
153 112.5 90.9 136.3
152 54.1 45.0 67.4





#18
 Fluorene
 Concen: 0.635 ng
 RT: 15.309 min Scan# 1265
 Delta R.T. 0.000 min
 Lab File: BN018284.D
 Acq: 30 Dec 2021 06:14

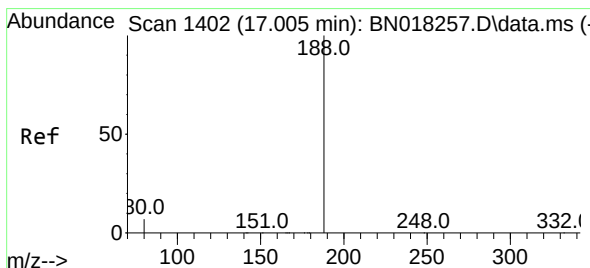
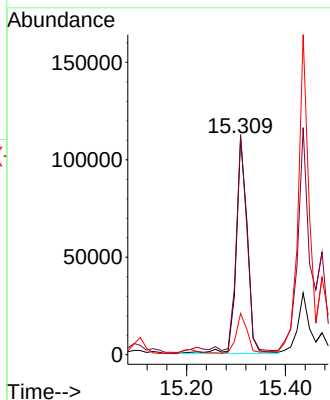
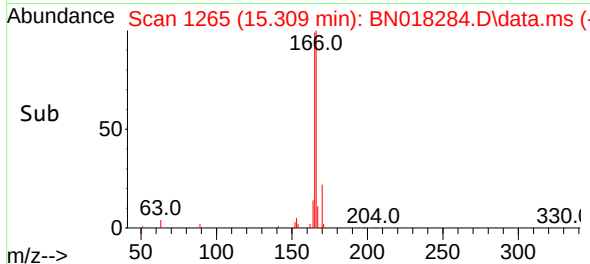
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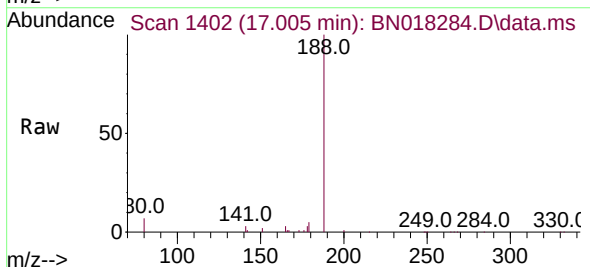
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 Ion Ratio Lower Upper
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 165 93.8 77.8 116.6
 167 18.3 10.9 16.3

Manual Integrations
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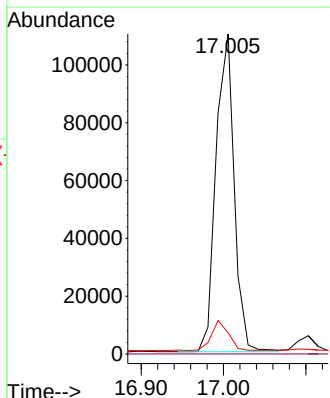
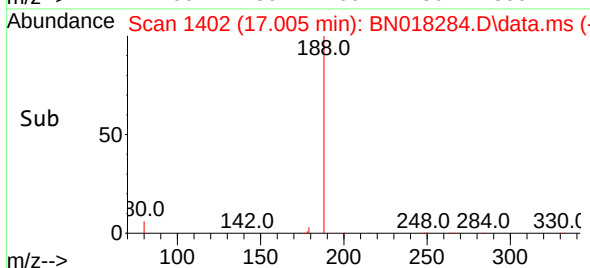
Reviewed By :Yogesh Patel 12/31/2021
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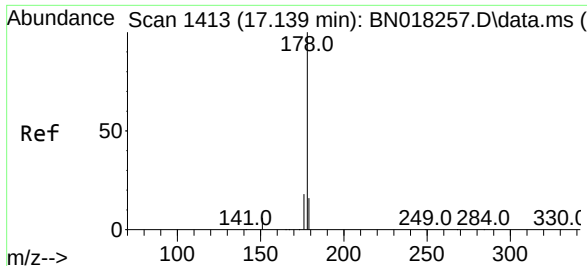


#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.005 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: BN018284.D
 Acq: 30 Dec 2021 06:14



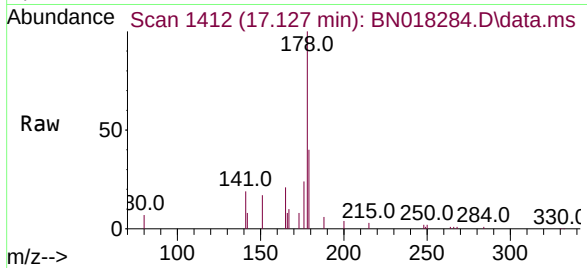
Tgt Ion:188 Resp: 169252
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 6.6 7.0 10.4





#26
 Anthracene
 Concen: 0.126 ng
 RT: 17.127 min Scan# 1412
 Delta R.T. -0.012 min
 Lab File: BN018284.D
 Acq: 30 Dec 2021 06:14

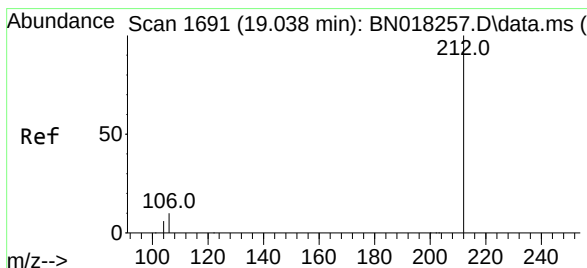
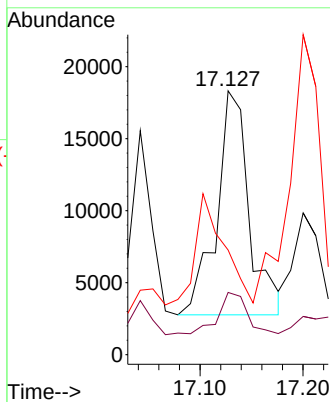
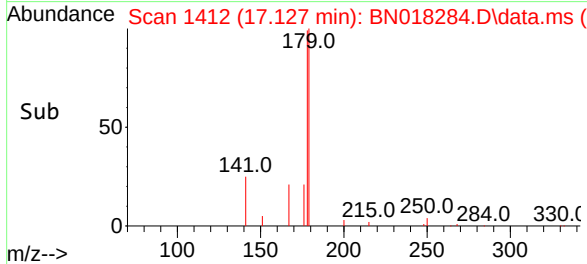
Instrument :
 BNA_N
 ClientSampleId :
 MW-62



Tgt Ion:178 Resp: 3429
 Ion Ratio Lower Upper
 178 100
 176 15.8 14.8 22.2
 179 0.0 12.2 18.4

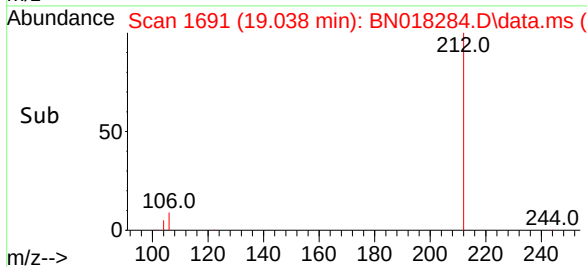
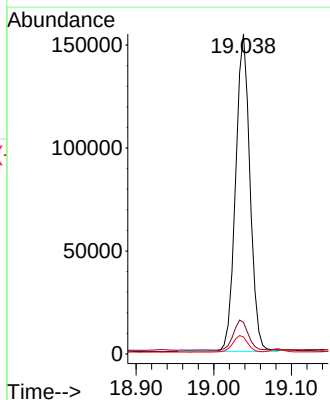
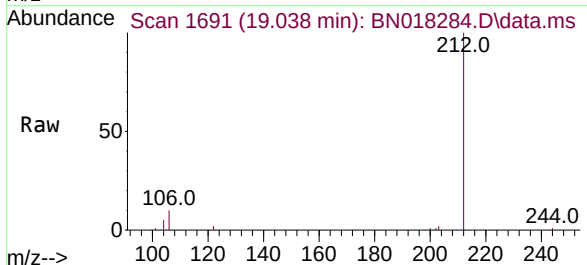
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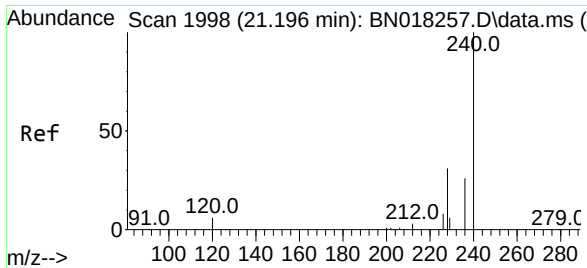
Reviewed By :Yogesh Patel 12/31/2021
 Supervised By :mohammad ahmed 12/31/2021



#27
 Fluoranthene-d10
 Concen: 0.368 ng
 RT: 19.038 min Scan# 1691
 Delta R.T. 0.000 min
 Lab File: BN018284.D
 Acq: 30 Dec 2021 06:14

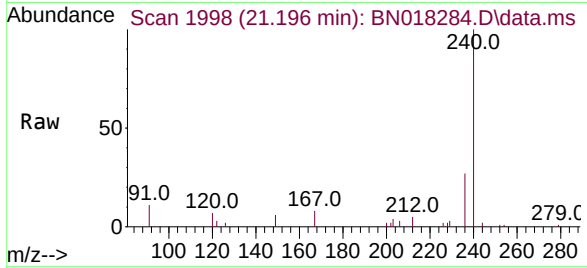
Tgt Ion:212 Resp: 198364
 Ion Ratio Lower Upper
 212 100
 106 9.8 8.4 12.6
 104 5.5 4.5 6.7





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.196 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

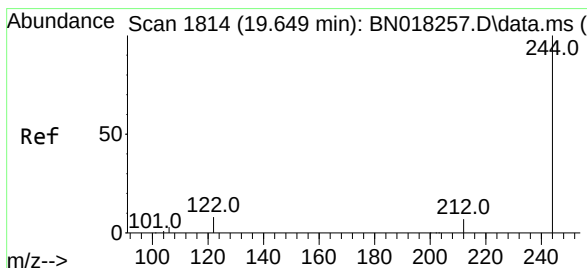
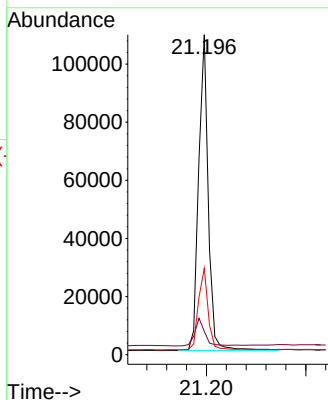
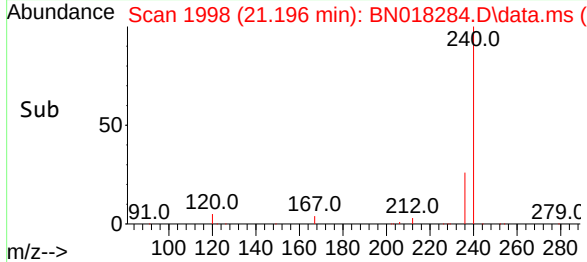
Instrument :
BNA_N
ClientSampleId :
MW-62



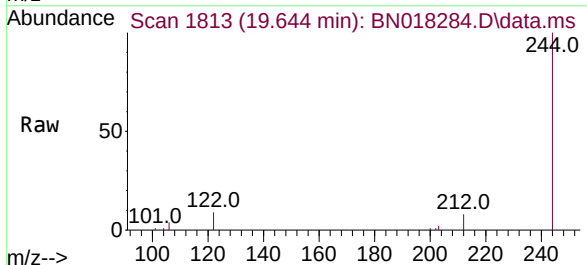
Tgt Ion:240 Resp: 145697
Ion Ratio Lower Upper
240 100
120 7.3 6.0 9.0
236 27.0 21.4 32.2

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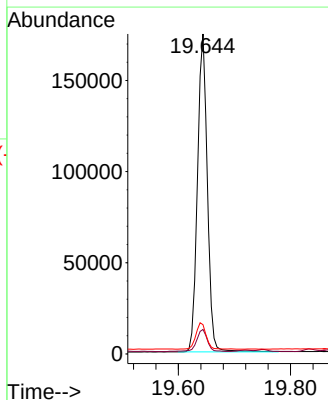
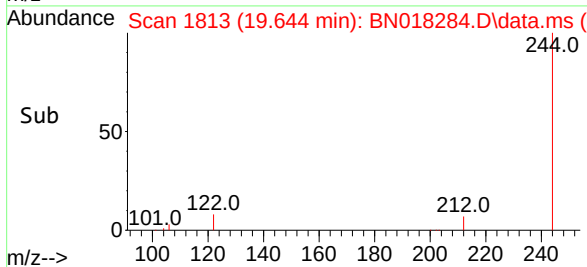
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

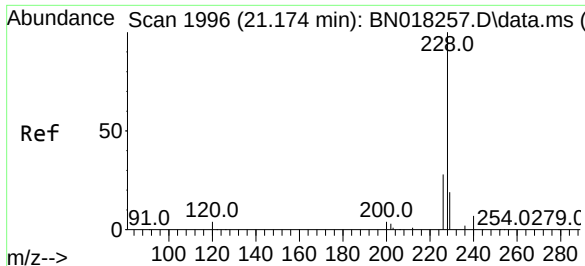


#31
Terphenyl-d14
Concen: 0.576 ng
RT: 19.644 min Scan# 1813
Delta R.T. -0.005 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14



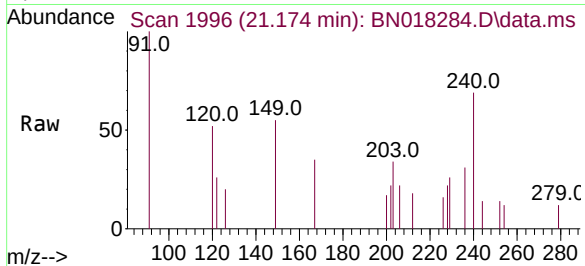
Tgt Ion:244 Resp: 213332
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 9.2 7.9 11.9





#32
Benzo(a)anthracene
Concen: 0.060 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14

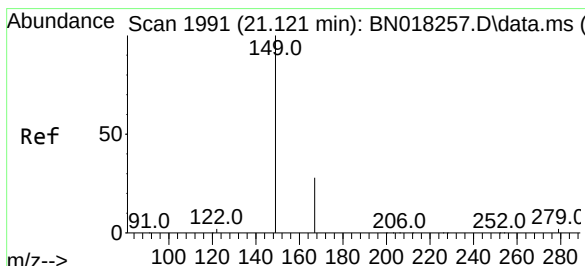
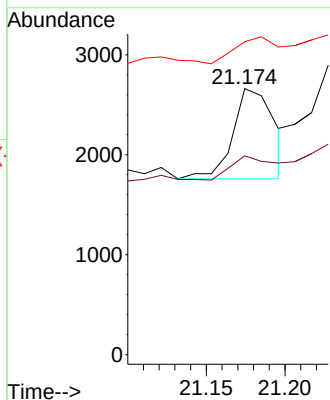
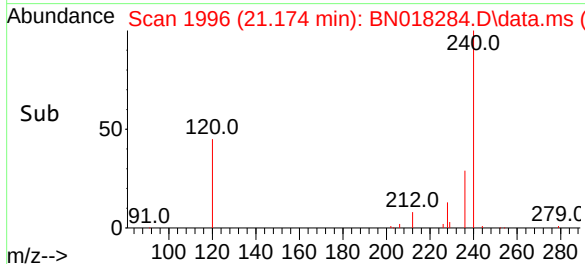
Instrument :
BNA_N
ClientSampleId :
MW-62



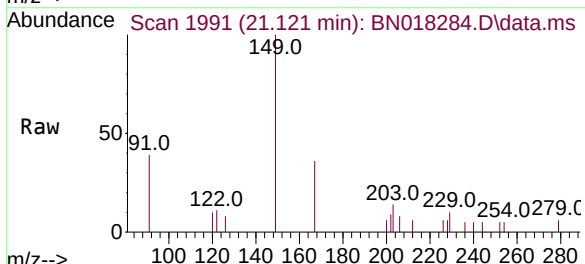
Tgt Ion:228 Resp: 165
Ion Ratio Lower Upper
228 100
226 74.8 21.3 31.9
229 117.6 15.9 23.9

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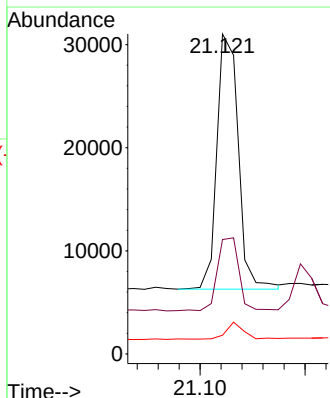
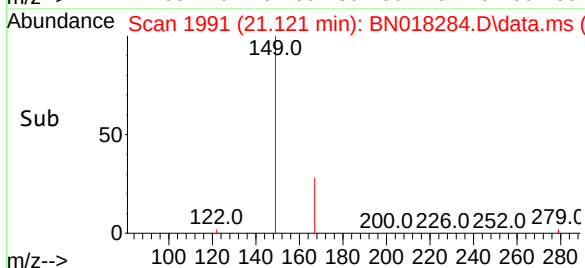
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

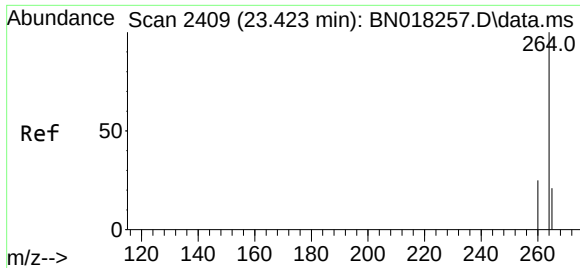


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.193 ng
RT: 21.121 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BN018284.D
Acq: 30 Dec 2021 06:14



Tgt Ion:149 Resp: 35066
Ion Ratio Lower Upper
149 100
167 28.6 23.7 35.5
279 6.1 3.6 5.4





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.419 min Scan# 24

Delta R.T. -0.003 min

Lab File: BN018284.D

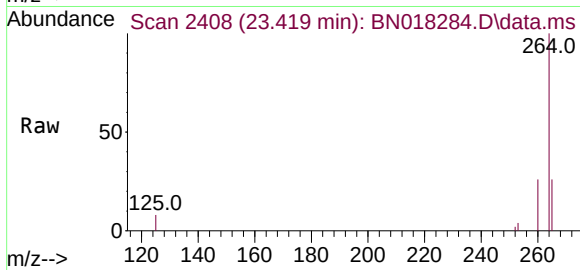
Acq: 30 Dec 2021 06:14

Instrument :

BNA_N

ClientSampleId :

MW-62



Tgt Ion:264 Resp: 131624

Ion Ratio Lower Upper

264 100

260 25.8 20.2 30.4

265 26.0 18.2 27.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/31/2021

Supervised By :mohammad ahmed 12/31/2021

