

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
 Data File : BN021579.D
 Acq On : 03 Sep 2022 03:51
 Operator : CG/JU
 Sample : N4454-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-02B-18.7-23.7-083022

Quant Time: Sep 03 04:27:41 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 00:53:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/06/2022
 Supervised By :Jagrut Upadhyay 09/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	4993	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	16928	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	9961	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	20262	0.400	ng	0.00
29) Chrysene-d12	21.655	240	13292	0.400	ng	0.00
35) Perylene-d12	24.167	264	9397	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1832	0.187	ng	0.00
5) Phenol-d6	7.217	99	1614	0.130	ng	0.00
8) Nitrobenzene-d5	9.233	82	3962m	0.347	ng	-0.01
11) 2-Methylnaphthalene-d10	12.482	152	11583	0.304	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1708	0.522	ng	-0.01
15) 2-Fluorobiphenyl	13.349	172	18223	0.418	ng	0.00
27) Fluoranthene-d10	19.497	212	19821	0.380	ng	0.00
31) Terphenyl-d14	20.088	244	16648	0.557	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.941	128	3627	0.072	ng	# 92
10) Hexachlorobutadiene	11.229	225	377	0.043	ng	# 100
16) Acenaphthylene	14.440	152	1629	0.035	ng	100
17) Acenaphthene	14.782	154	3237	0.098	ng	98
18) Fluorene	15.765	166	2893	0.071	ng	99
21) 4-Bromophenyl-phenylether	16.649	248	951	0.075	ng	# 73
22) Hexachlorobenzene	16.772	284	758	0.049	ng	98
24) Pentachlorophenol	17.111	266	352	0.278	ng	93
25) Phenanthrene	17.511	178	8325	0.119	ng	99
26) Anthracene	17.603	178	4647	0.084	ng	99
28) Fluoranthene	19.527	202	2477	0.034	ng	# 63
30) Pyrene	19.889	202	2070	0.029	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.548	149	2969	0.159	ng	100

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

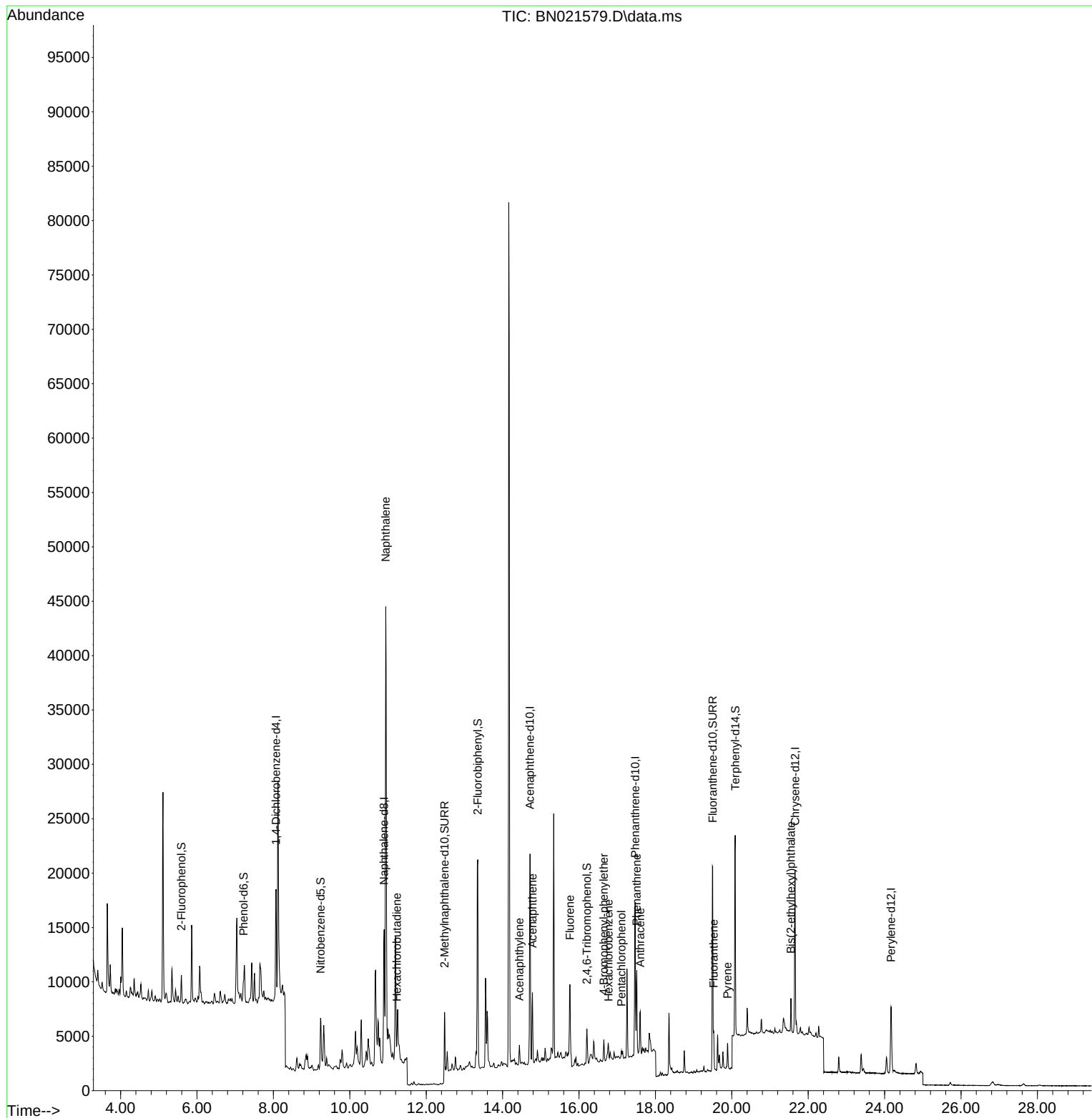
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
Data File : BN021579.D
Acq On : 03 Sep 2022 03:51
Operator : CG/JU
Sample : N4454-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

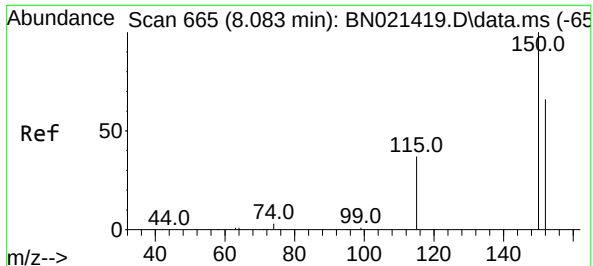
Instrument :
BNA_N
ClientSampleId :
OW-02B-18.7-23.7-083022

Quant Time: Sep 03 04:27:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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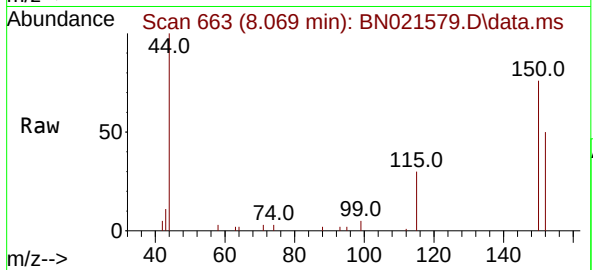
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51

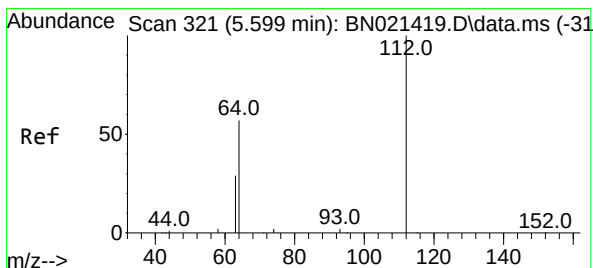
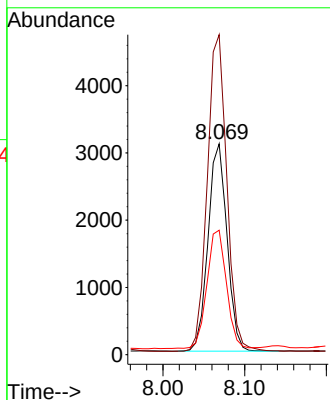
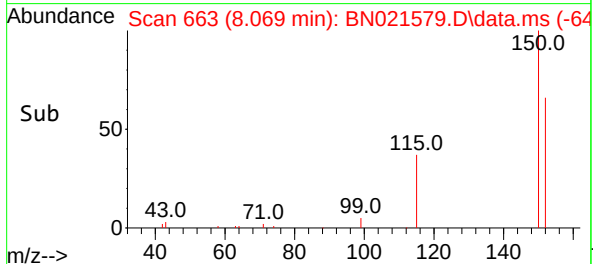
Instrument :
BNA_N
ClientSampleId :
OW-02B-18.7-23.7-083022



Tgt Ion:152 Resp: 499
Ion Ratio Lower Upper
152 100
150 151.7 121.4 182.0
115 59.0 48.6 72.8

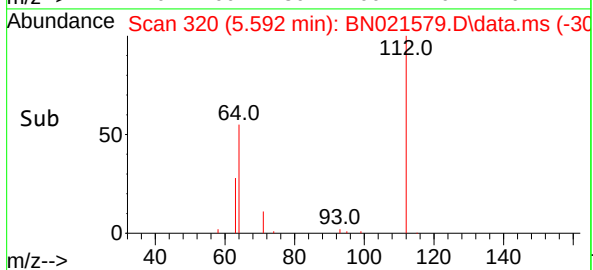
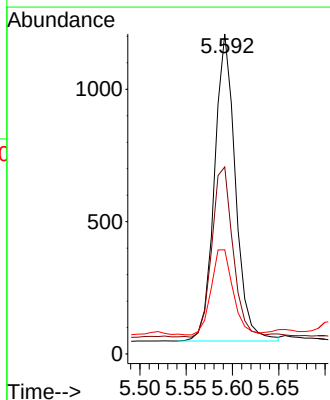
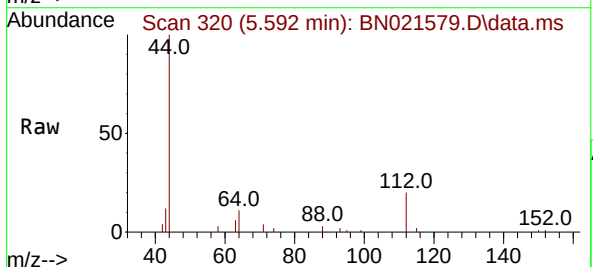
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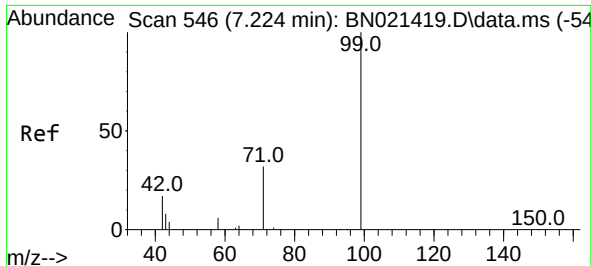
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#4
2-Fluorophenol
Concen: 0.187 ng
RT: 5.592 min Scan# 320
Delta R.T. 0.000 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51

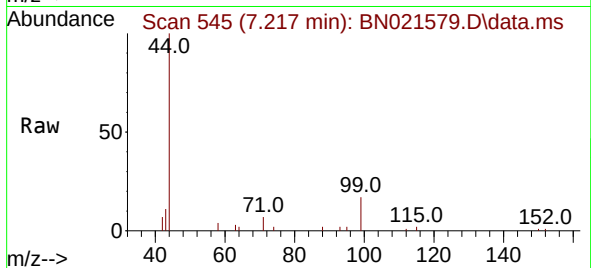
Tgt Ion:112 Resp: 1832
Ion Ratio Lower Upper
112 100
64 56.5 43.5 65.3
63 28.7 22.6 34.0





#5
Phenol-d6
Concen: 0.130 ng
RT: 7.217 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51

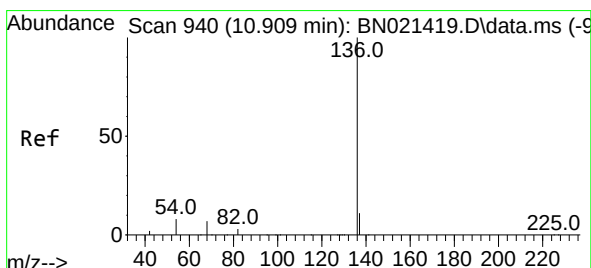
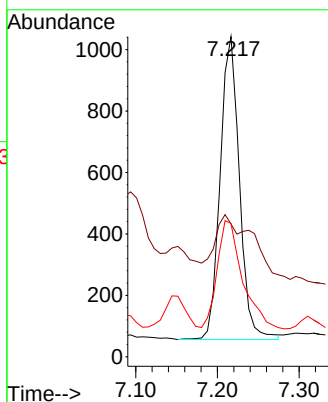
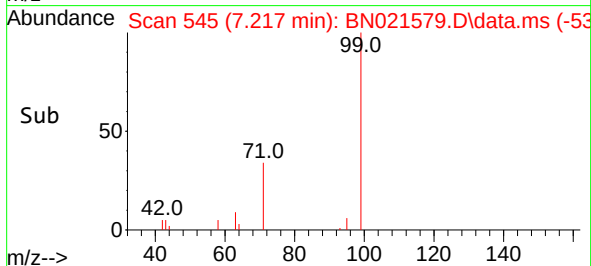
Instrument :
BNA_N
ClientSampleId :
OW-02B-18.7-23.7-083022



Tgt Ion: 99 Resp: 1614
Ion Ratio Lower Upper
99 100
42 49.1 15.5 23.3
71 47.0 24.2 36.2

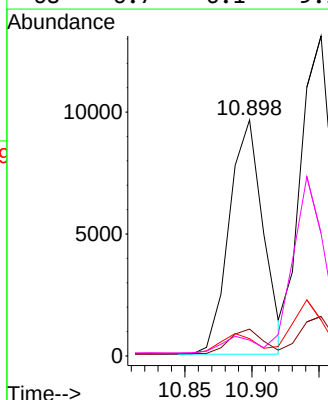
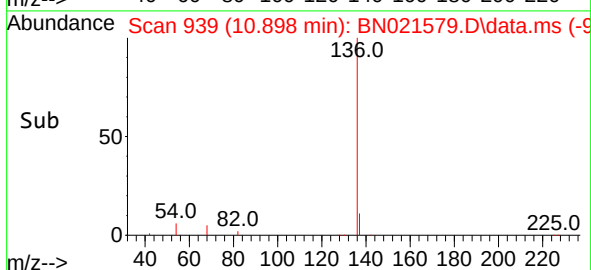
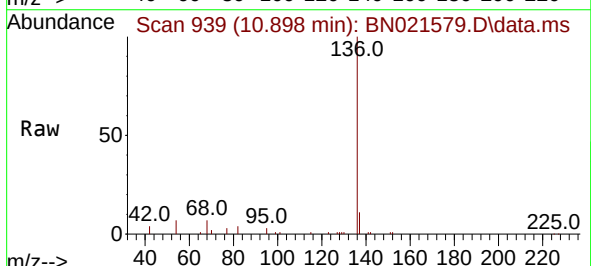
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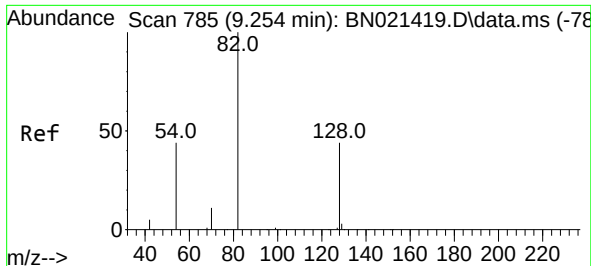
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51

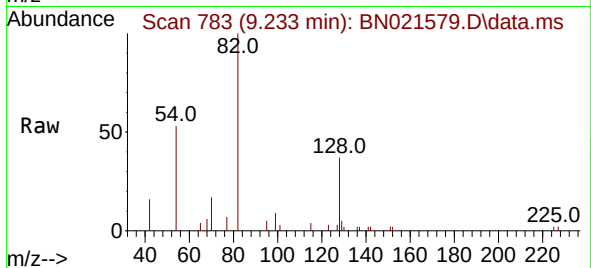
Tgt Ion:136 Resp: 16928
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 7.3 6.9 10.3
68 6.7 6.1 9.1





#8
Nitrobenzene-d5
Concen: 0.347 ng m
RT: 9.233 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51

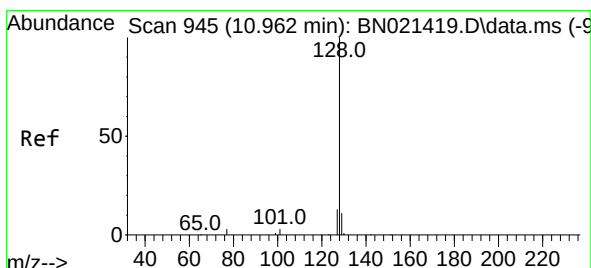
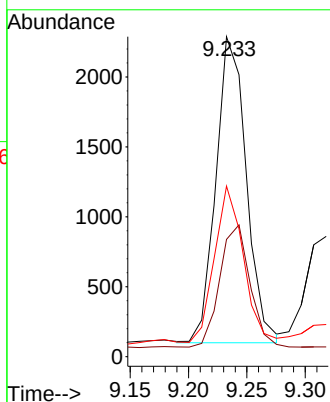
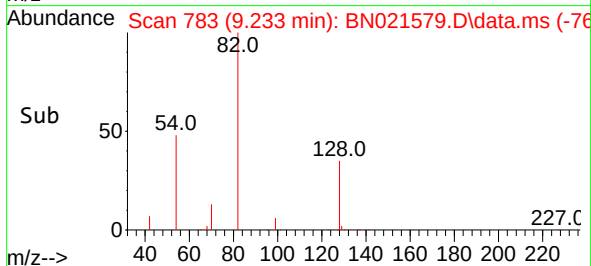
Instrument :
BNA_N
ClientSampleId :
OW-02B-18.7-23.7-083022



Tgt Ion: 82 Resp: 3962
Ion Ratio Lower Upper
82 100
128 36.6 30.9 46.3
54 53.3 42.7 64.1

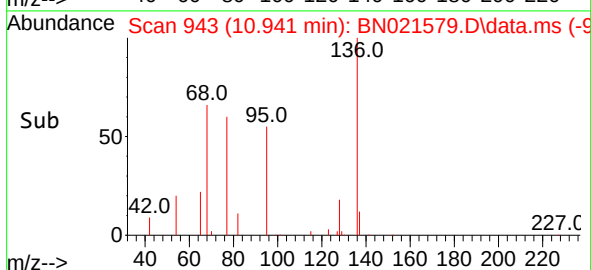
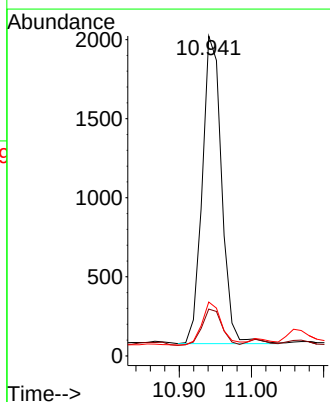
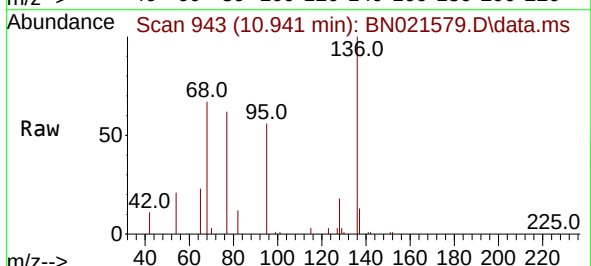
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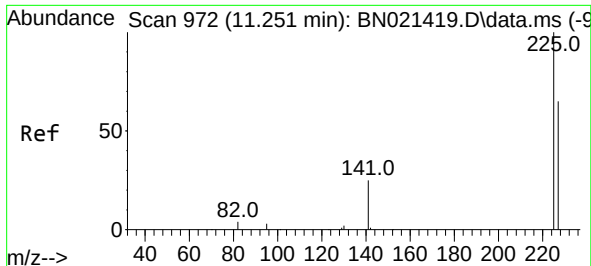
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#9
Naphthalene
Concen: 0.072 ng
RT: 10.941 min Scan# 943
Delta R.T. -0.011 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51

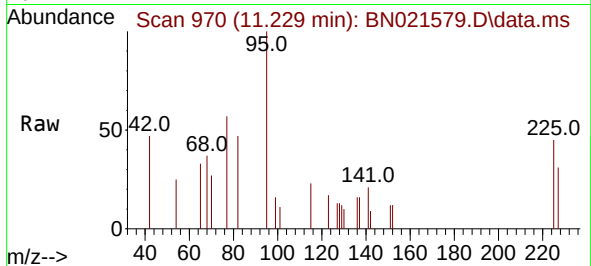
Tgt Ion:128 Resp: 3627
Ion Ratio Lower Upper
128 100
129 14.6 9.3 13.9#
127 16.9 11.0 16.4#





#10
Hexachlorobutadiene
Concen: 0.043 ng
RT: 11.229 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51

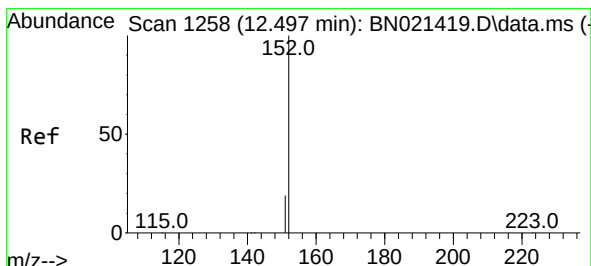
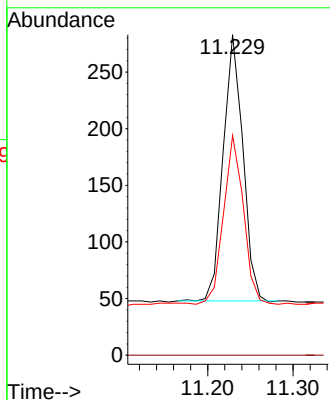
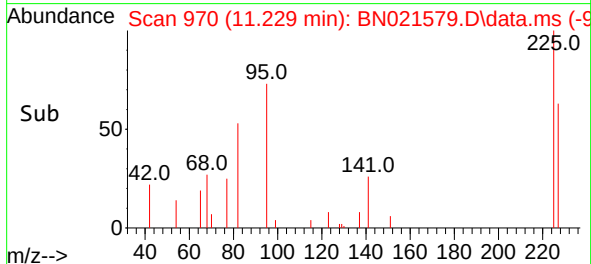
Instrument :
BNA_N
ClientSampleId :
OW-02B-18.7-23.7-083022



Tgt Ion:225 Resp: 37
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.9 51.2 76.8

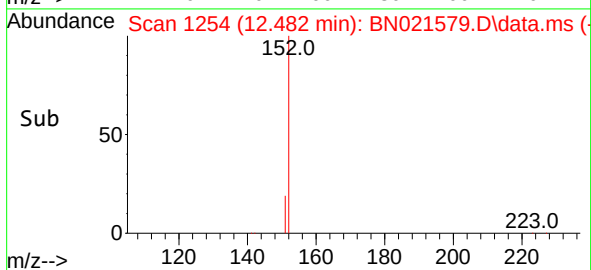
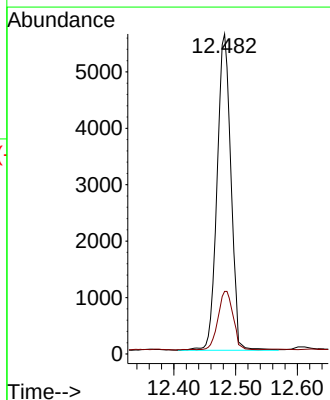
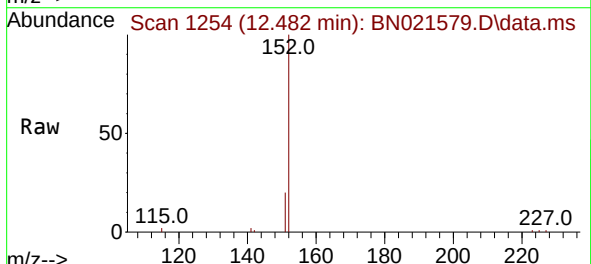
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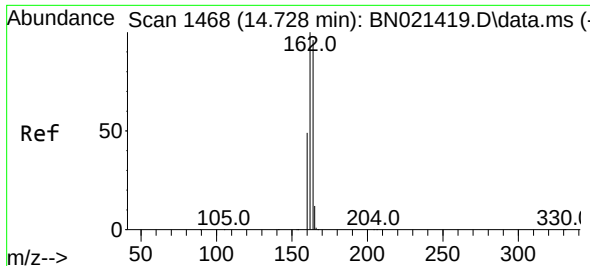
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 12.482 min Scan# 1254
Delta R.T. -0.004 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51

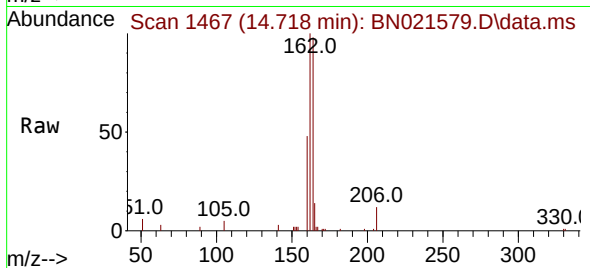
Tgt Ion:152 Resp: 11583
Ion Ratio Lower Upper
152 100
151 18.6 14.5 21.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51

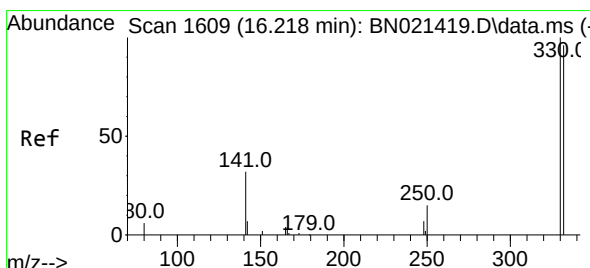
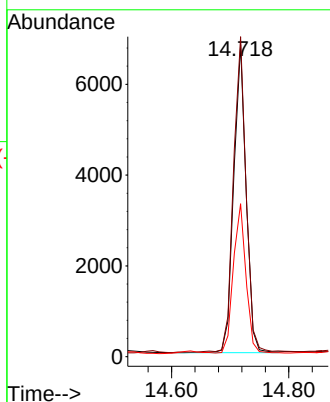
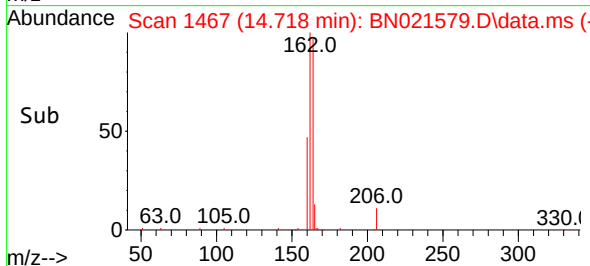
Instrument :
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ClientSampleId :
OW-02B-18.7-23.7-083022



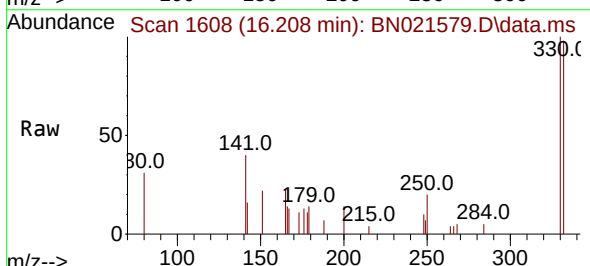
Tgt Ion:164 Resp: 996
Ion Ratio Lower Upper
164 100
162 102.6 82.2 123.4
160 49.0 39.5 59.3

Manual Integrations
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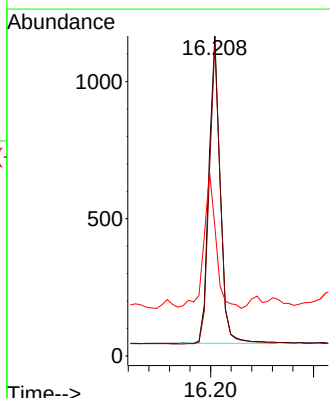
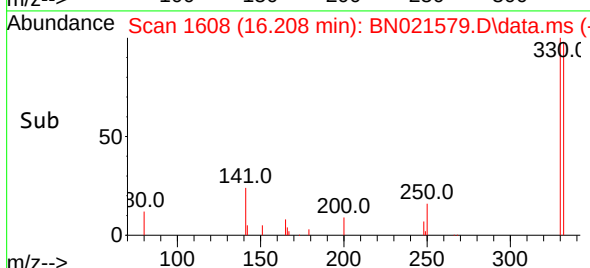
Reviewed By :Christian Giraldo 09/06/2022
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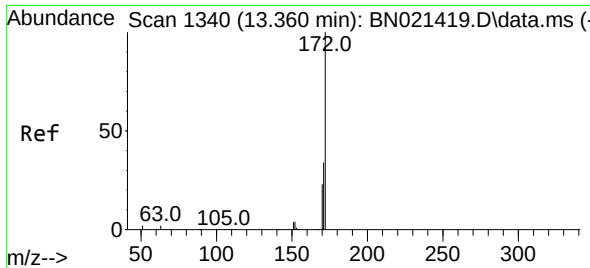


#14
2,4,6-Tribromophenol
Concen: 0.522 ng
RT: 16.208 min Scan# 1608
Delta R.T. -0.010 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51



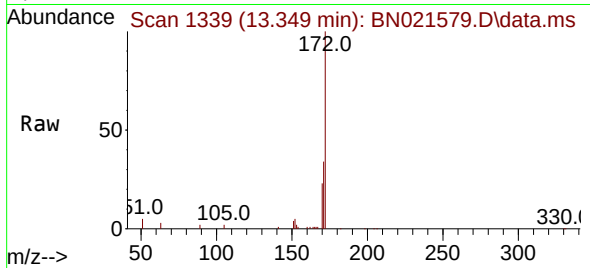
Tgt Ion:330 Resp: 1708
Ion Ratio Lower Upper
330 100
332 96.6 79.3 118.9
141 46.8 37.1 55.7





#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.349 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51

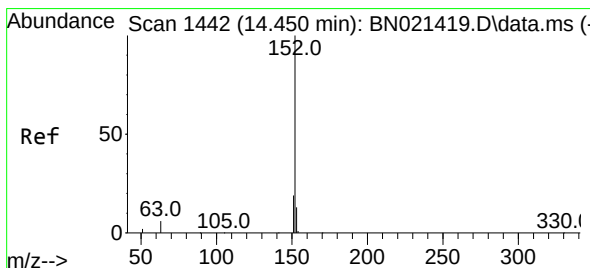
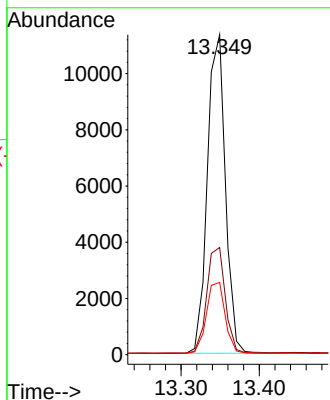
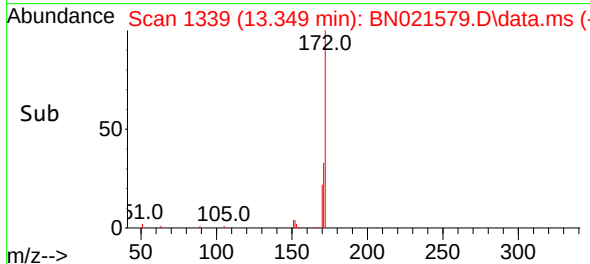
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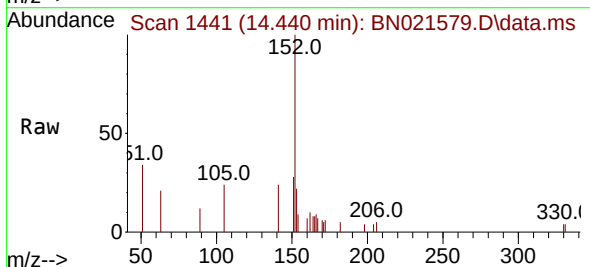
Tgt Ion:172 Resp: 1822
Ion Ratio Lower Upper
172 100
171 33.5 27.8 41.6
170 22.6 18.6 28.0

Manual Integrations
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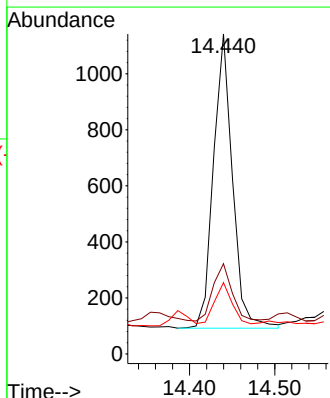
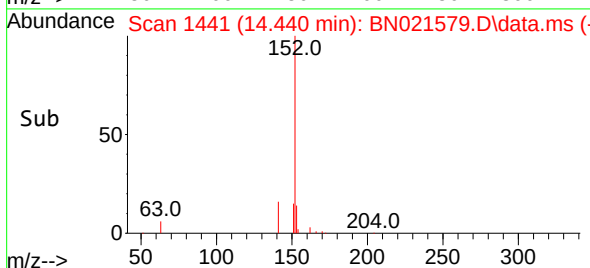
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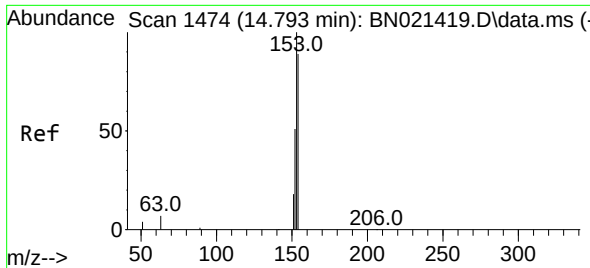


#16
Acenaphthylene
Concen: 0.035 ng
RT: 14.440 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51



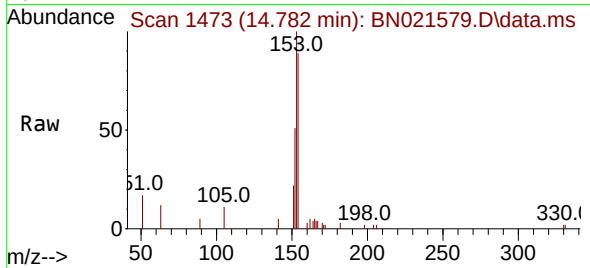
Tgt Ion:152 Resp: 1629
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.2
153 12.9 10.3 15.5





#17
Acenaphthene
Concen: 0.098 ng
RT: 14.782 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51

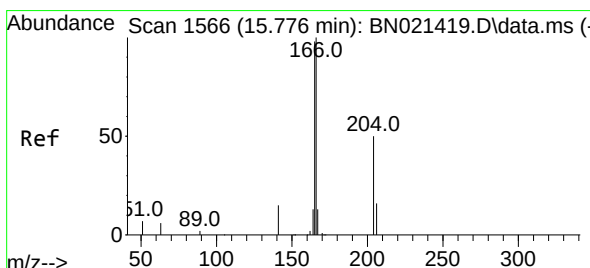
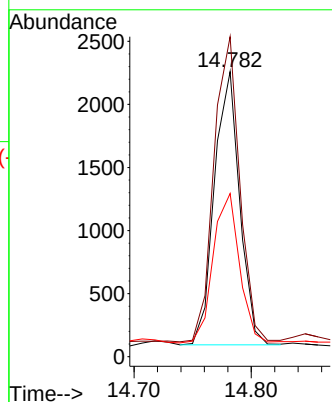
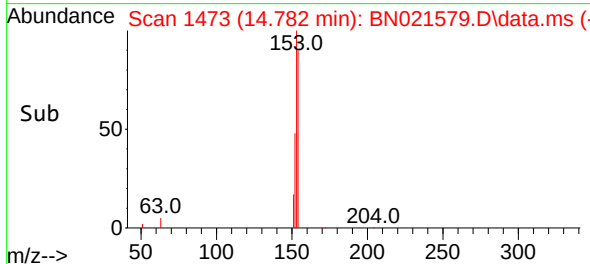
Instrument :
BNA_N
ClientSampleId :
OW-02B-18.7-23.7-083022



Tgt Ion:154 Resp: 323
Ion Ratio Lower Upper
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153 114.1 89.5 134.3
152 57.3 45.5 68.3

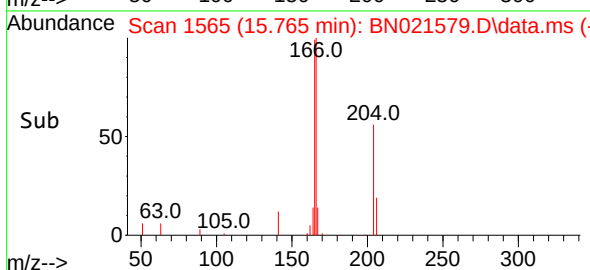
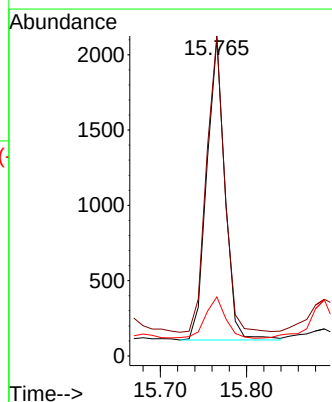
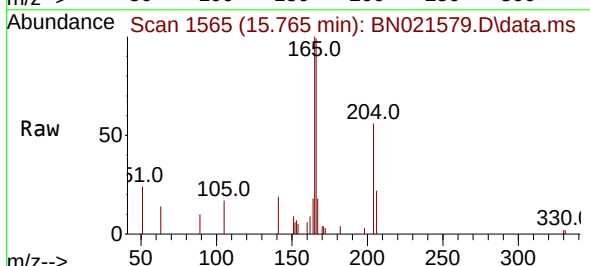
Manual Integrations
APPROVED

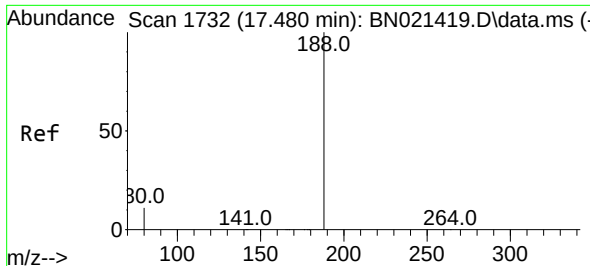
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#18
Fluorene
Concen: 0.071 ng
RT: 15.765 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51

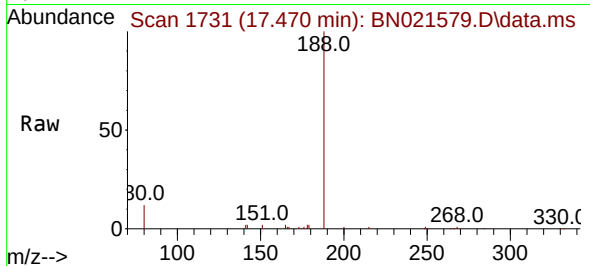
Tgt Ion:166 Resp: 2893
Ion Ratio Lower Upper
166 100
165 97.8 78.7 118.1
167 15.0 10.6 16.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51

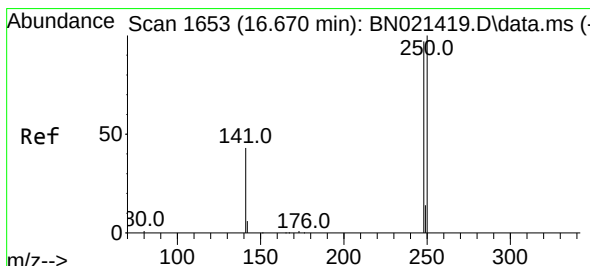
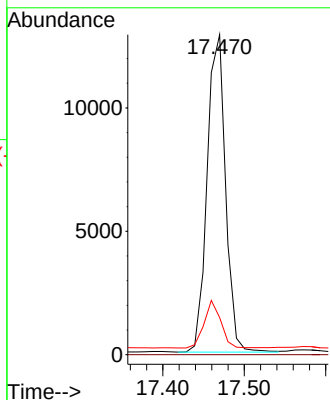
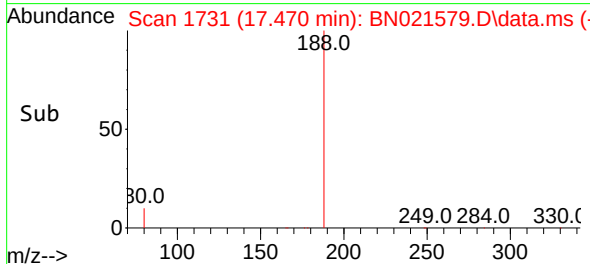
Instrument :
BNA_N
ClientSampleId :
OW-02B-18.7-23.7-083022



Tgt Ion:188 Resp: 2026
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 9.5 14.3

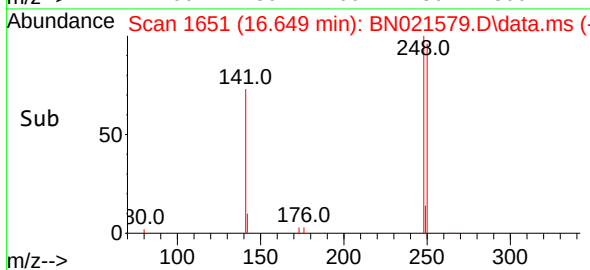
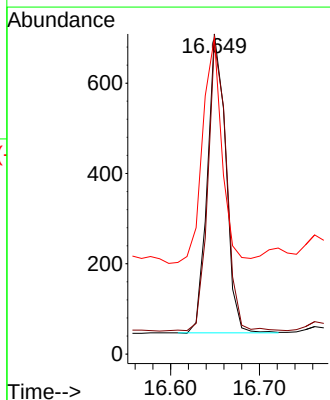
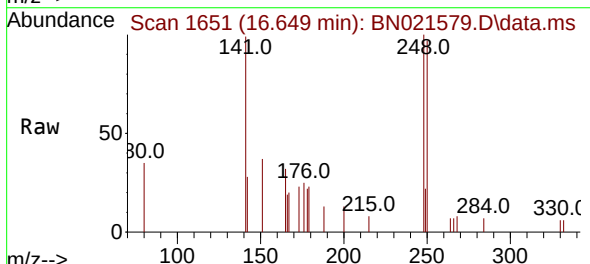
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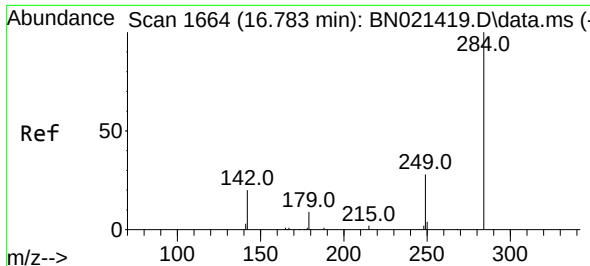
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#21
4-Bromophenyl-phenylether
Concen: 0.075 ng
RT: 16.649 min Scan# 1651
Delta R.T. -0.010 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51

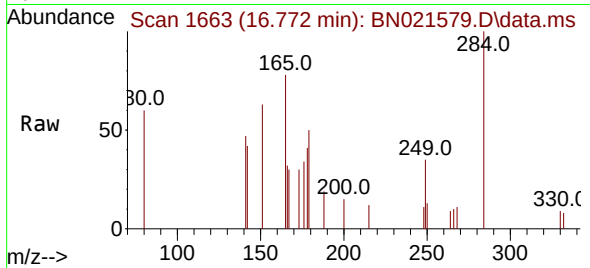
Tgt Ion:248 Resp: 951
Ion Ratio Lower Upper
248 100
250 97.5 81.8 122.6
141 98.9 38.5 57.7#





#22
Hexachlorobenzene
Concen: 0.049 ng
RT: 16.772 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51

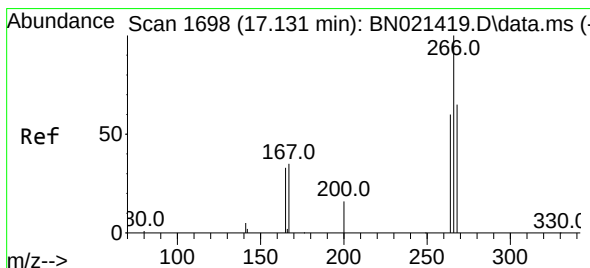
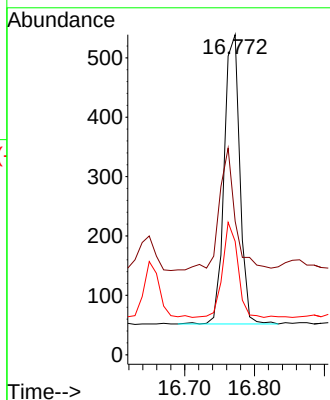
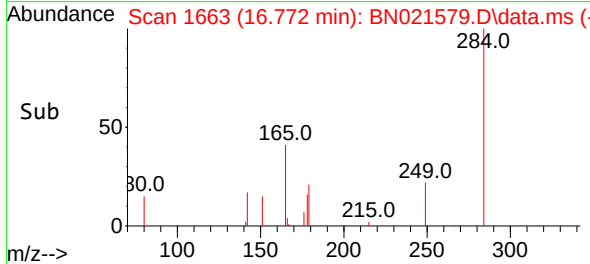
Instrument :
BNA_N
ClientSampleId :
OW-02B-18.7-23.7-083022



Tgt Ion:284 Resp: 758
Ion Ratio Lower Upper
284 100
142 42.7 32.3 48.5
249 31.9 25.4 38.2

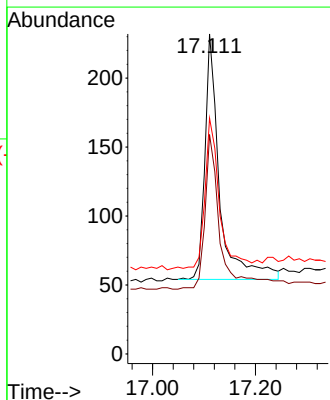
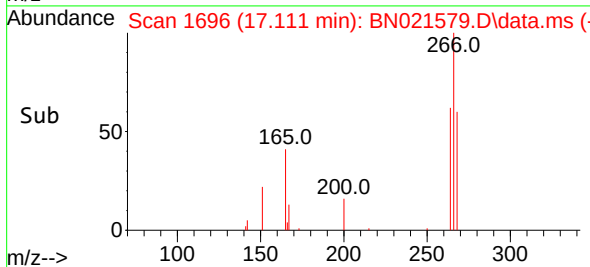
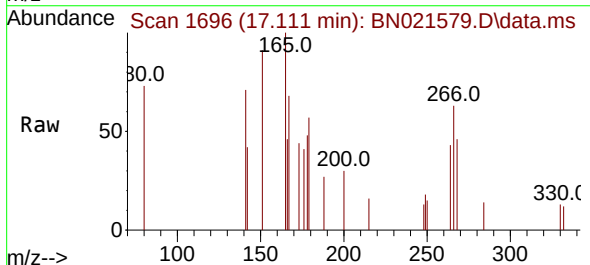
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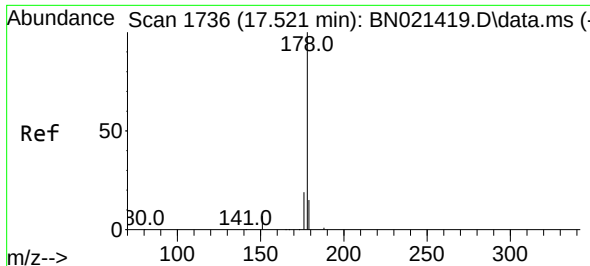
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#24
Pentachlorophenol
Concen: 0.278 ng
RT: 17.111 min Scan# 1696
Delta R.T. -0.010 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51

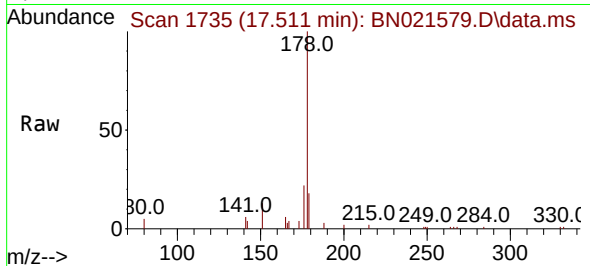
Tgt Ion:266 Resp: 352
Ion Ratio Lower Upper
266 100
264 68.5 49.0 73.6
268 60.2 50.9 76.3





#25
Phenanthrene
Concen: 0.119 ng
RT: 17.511 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51

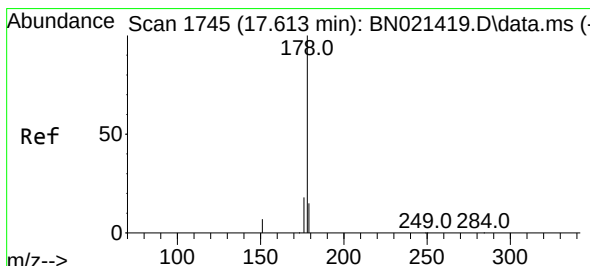
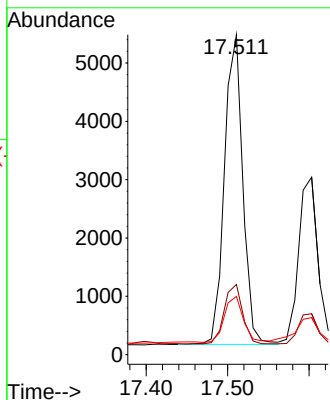
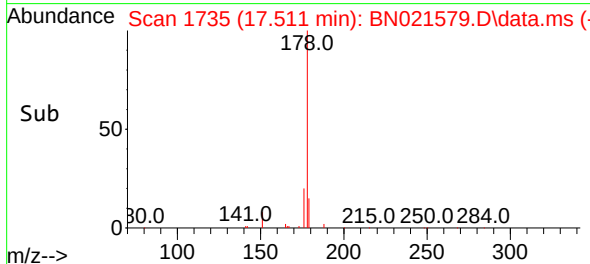
Instrument :
BNA_N
ClientSampleId :
OW-02B-18.7-23.7-083022



Tgt Ion:178 Resp: 832
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 15.3 12.2 18.4

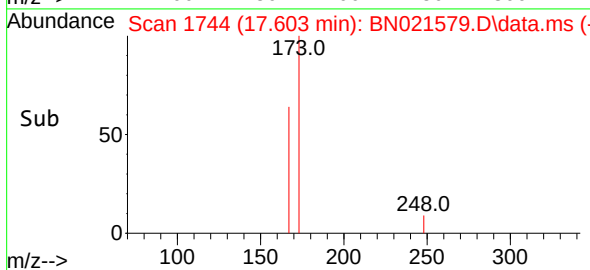
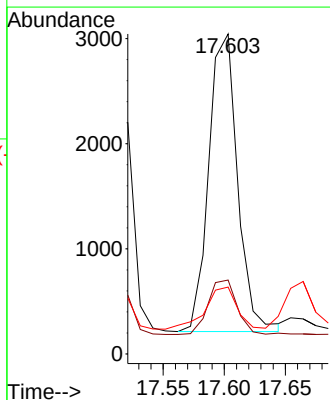
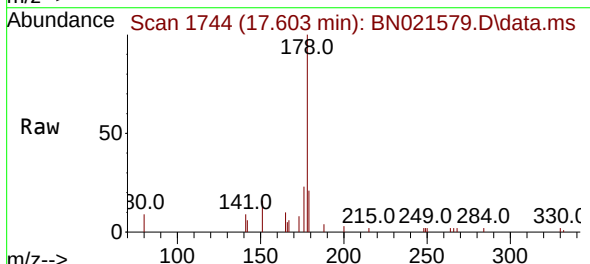
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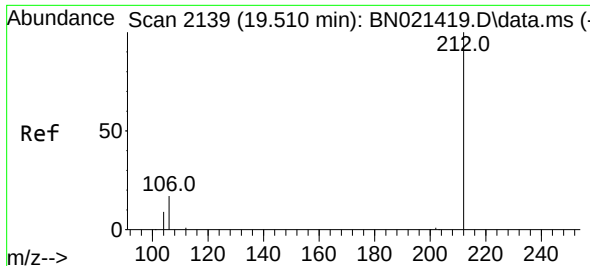
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#26
Anthracene
Concen: 0.084 ng
RT: 17.603 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51

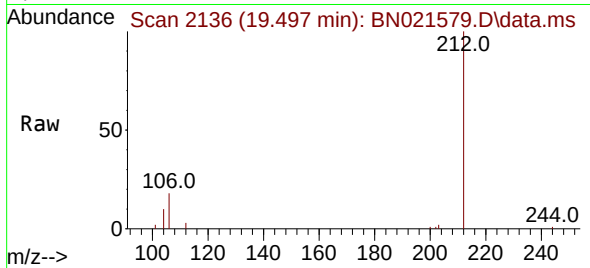
Tgt Ion:178 Resp: 4647
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 15.5 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.497 min Scan# 2136
Delta R.T. -0.004 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51

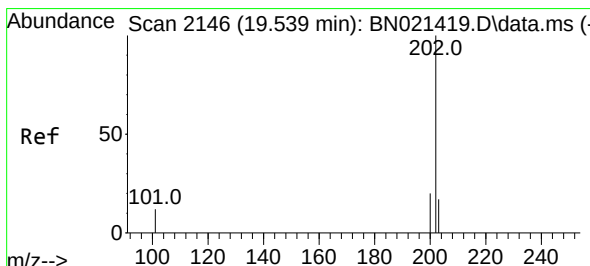
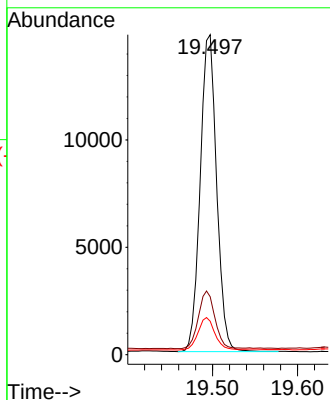
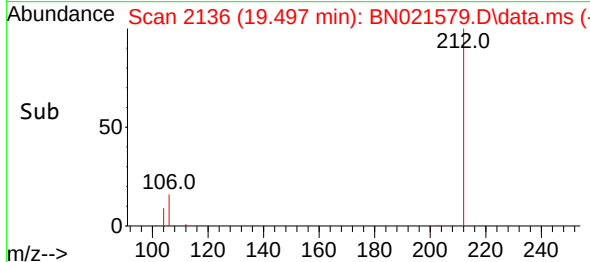
Instrument :
BNA_N
ClientSampleId :
OW-02B-18.7-23.7-083022



Tgt Ion:212 Resp: 1982
Ion Ratio Lower Upper
212 100
106 18.2 14.2 21.2
104 10.4 7.8 11.6

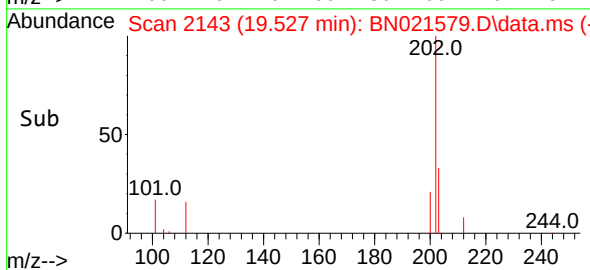
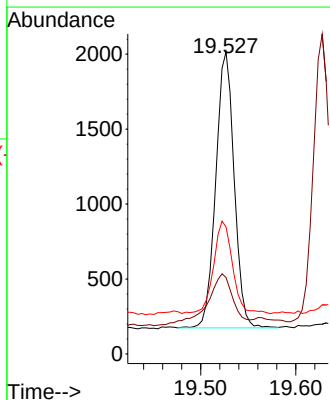
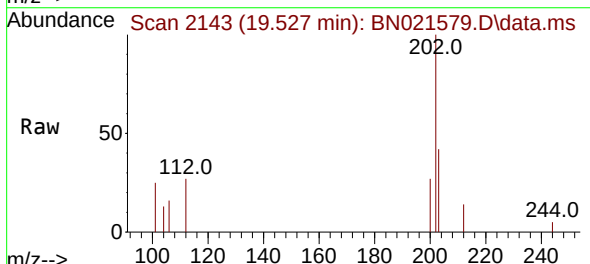
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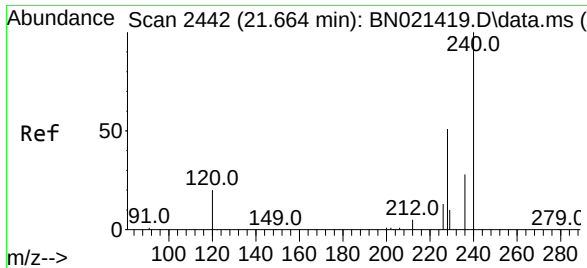
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#28
Fluoranthene
Concen: 0.034 ng
RT: 19.527 min Scan# 2143
Delta R.T. -0.004 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51

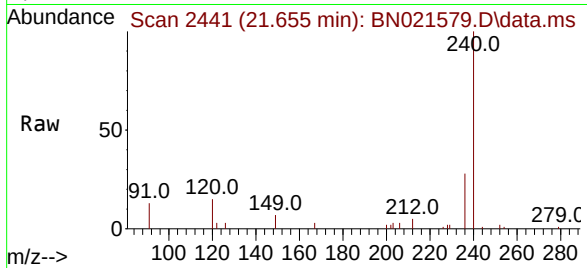
Tgt Ion:202 Resp: 2477
Ion Ratio Lower Upper
202 100
101 26.8 10.9 16.3#
203 34.8 13.8 20.6#





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51

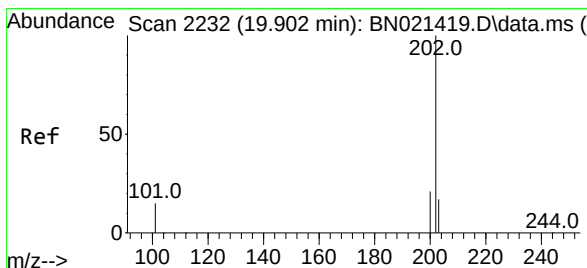
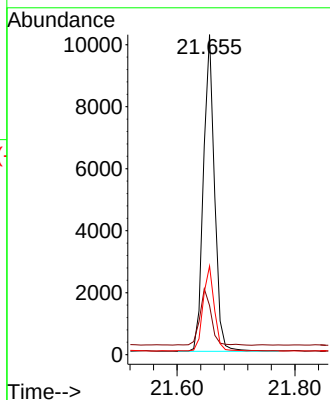
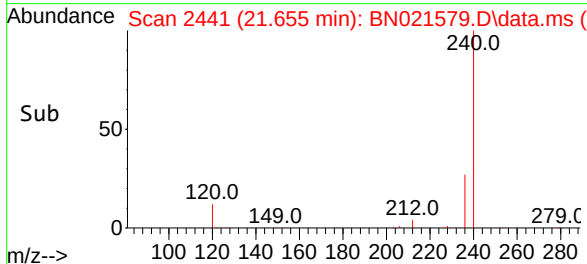
Instrument :
BNA_N
ClientSampleId :
OW-02B-18.7-23.7-083022



Tgt Ion:240 Resp: 13292
Ion Ratio Lower Upper
240 100
120 15.4 10.2 15.4
236 27.7 22.1 33.1

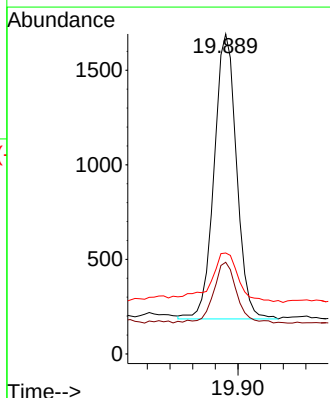
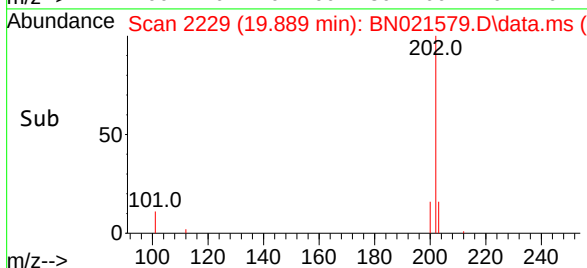
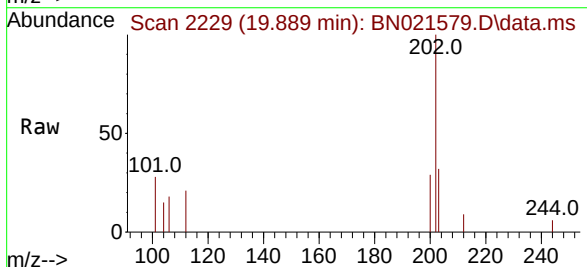
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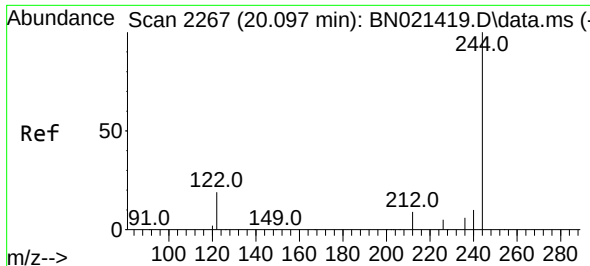
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#30
Pyrene
Concen: 0.029 ng
RT: 19.889 min Scan# 2229
Delta R.T. -0.008 min
Lab File: BN021579.D
Acq: 03 Sep 2022 03:51

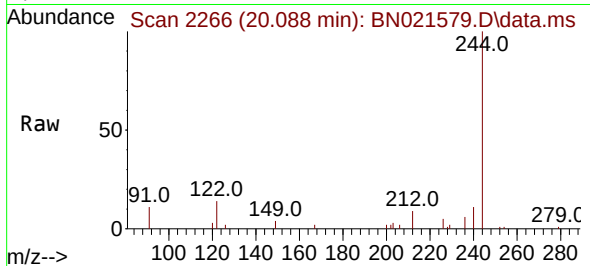
Tgt Ion:202 Resp: 2070
Ion Ratio Lower Upper
202 100
200 22.3 13.9 20.9#
203 22.1 11.9 17.9#





#31
 Terphenyl-d14
 Concen: 0.557 ng
 RT: 20.088 min Scan# 2164
 Delta R.T. -0.009 min
 Lab File: BN021579.D
 Acq: 03 Sep 2022 03:51

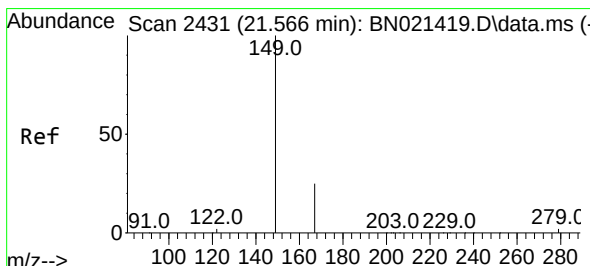
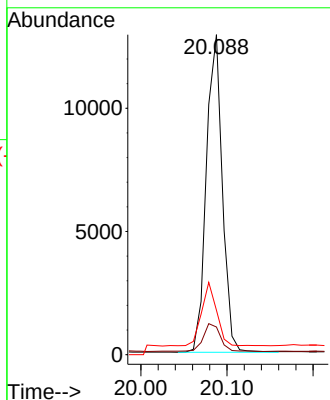
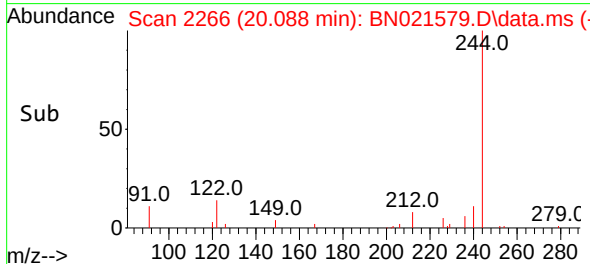
Instrument :
 BNA_N
 ClientSampleId :
 OW-02B-18.7-23.7-083022



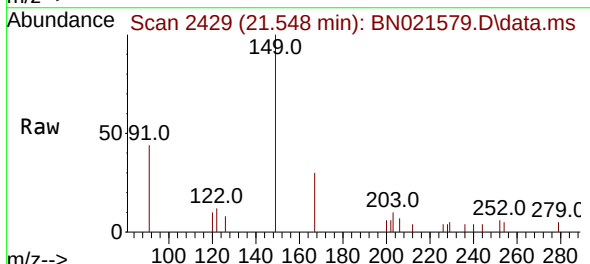
Tgt Ion:244 Resp: 1664
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.5 9.7
 122 13.9 9.1 13.7

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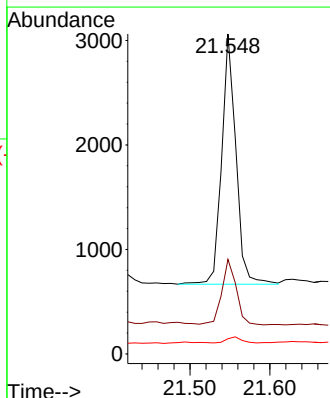
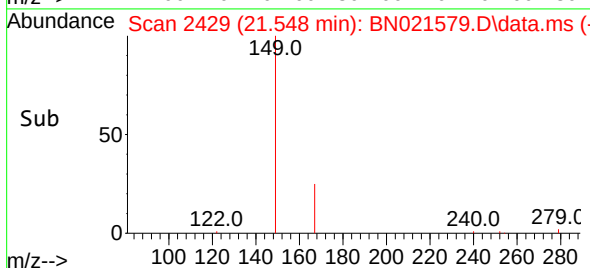
Reviewed By :Christian Giraldo 09/06/2022
 Supervised By :Jagrut Upadhyay 09/06/2022

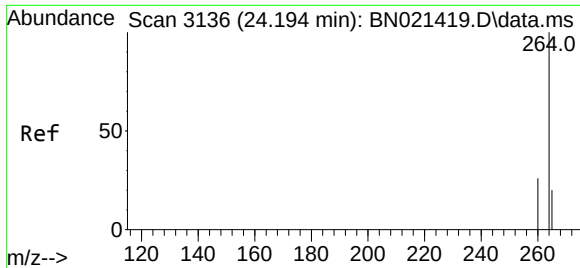


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.159 ng
 RT: 21.548 min Scan# 2429
 Delta R.T. -0.009 min
 Lab File: BN021579.D
 Acq: 03 Sep 2022 03:51



Tgt Ion:149 Resp: 2969
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.4 32.0
 279 2.5 2.2 3.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.167 min Scan# 31

Delta R.T. -0.018 min

Lab File: BN021579.D

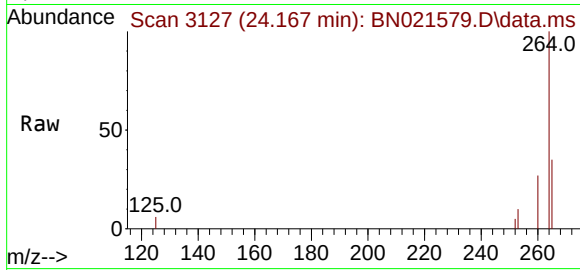
Acq: 03 Sep 2022 03:51

Instrument :

BNA_N

ClientSampleId :

OW-02B-18.7-23.7-083022



Tgt Ion:264 Resp: 939

Ion Ratio Lower Upper

264 100

260 27.0 21.0 31.6

265 34.8 32.2 48.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/06/2022

