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 Data File : BN021281.D
 Acq On : 17 Aug 2022 16:30
 Operator : CG/JU
 Sample : N4172-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT149S1-20220809MSD

Quant Time: Aug 18 06:42:26 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 09:19:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/18/2022
 Supervised By :Jagrut Upadhyay 08/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.783	152	3554	0.400	ng	0.00
7) Naphthalene-d8	10.581	136	9536	0.400	ng	0.00
13) Acenaphthene-d10	14.429	164	6898	0.400	ng	0.00
19) Phenanthrene-d10	17.182	188	13229	0.400	ng	0.00
29) Chrysene-d12	21.386	240	7662	0.400	ng	0.00
35) Perylene-d12	23.717	264	5959	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.385	112	709	0.080	ng	0.00
5) Phenol-d6	7.003	99	523	0.051	ng	0.02
8) Nitrobenzene-d5	8.958	82	1620	0.315	ng	0.00
11) 2-Methylnaphthalene-d10	12.183	152	4380	0.264	ng	0.00
14) 2,4,6-Tribromophenol	15.941	330	469	0.208	ng	0.00
15) 2-Fluorobiphenyl	13.060	172	6448	0.235	ng	0.00
27) Fluoranthene-d10	19.223	212	11004	0.306	ng	0.00
31) Terphenyl-d14	19.825	244	7357	0.352	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	3381	0.682	ng	# 76
3) n-Nitrosodimethylamine	3.623	42	725m	0.317	ng	
6) bis(2-Chloroethyl)ether	7.220	93	2474	0.283	ng	94
9) Naphthalene	10.624	128	6845	0.237	ng	98
10) Hexachlorobutadiene	10.923	225	1070	0.207	ng	# 100
12) 2-Methylnaphthalene	12.255	142	5183	0.263	ng	99
16) Acenaphthylene	14.151	152	7197	0.217	ng	100
17) Acenaphthene	14.493	154	5194	0.228	ng	98
18) Fluorene	15.487	166	6820	0.235	ng	100
20) 4,6-Dinitro-2-methylph...	15.615	198	296	0.392	ng	100
21) 4-Bromophenyl-phenylether	16.382	248	1972	0.243	ng	# 87
22) Hexachlorobenzene	16.495	284	2157	0.236	ng	99
23) Atrazine	16.649	200	1492	0.286	ng	97
24) Pentachlorophenol	16.854	266	1340	0.650	ng	96
25) Phenanthrene	17.223	178	11880	0.270	ng	100
26) Anthracene	17.315	178	9440	0.257	ng	99
28) Fluoranthene	19.252	202	13562	0.295	ng	99
30) Pyrene	19.615	202	13998	0.355	ng	99
32) Benzo(a)anthracene	21.368	228	7389	0.296	ng	100
33) Chrysene	21.422	228	7998	0.258	ng	98
34) Bis(2-ethylhexyl)phtha...	21.305	149	6724	0.395	ng	99
36) Indeno(1,2,3-cd)pyrene	26.132	276	5128	0.195	ng	# 92
37) Benzo(b)fluoranthene	23.012	252	6650m	0.267	ng	
38) Benzo(k)fluoranthene	23.059	252	6245	0.249	ng	96
39) Benzo(a)pyrene	23.617	252	5258	0.254	ng	# 67
40) Dibenzo(a,h)anthracene	26.146	278	4466	0.219	ng	94
41) Benzo(g,h,i)perylene	26.868	276	3652	0.154	ng	95

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

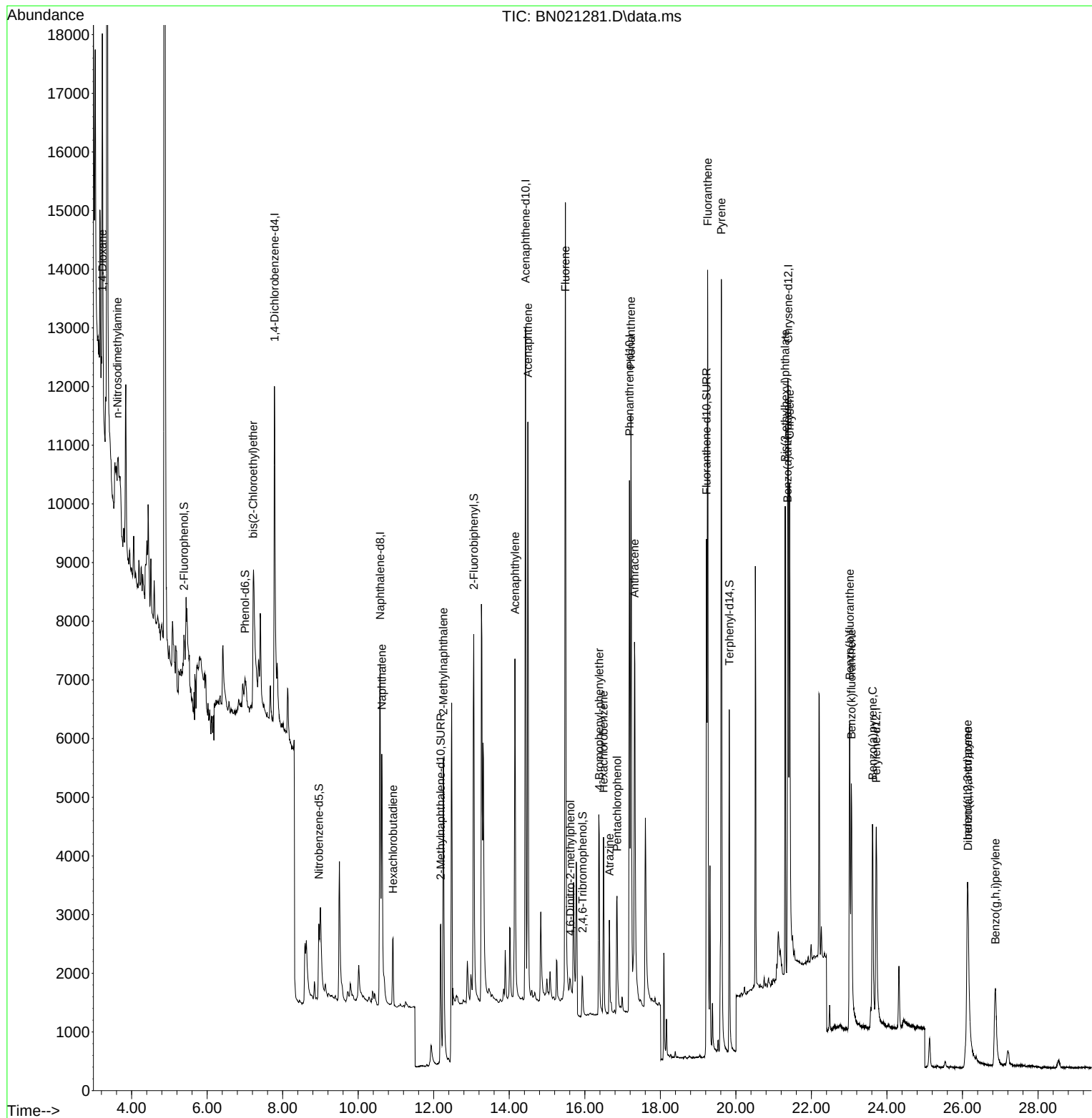
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081722\
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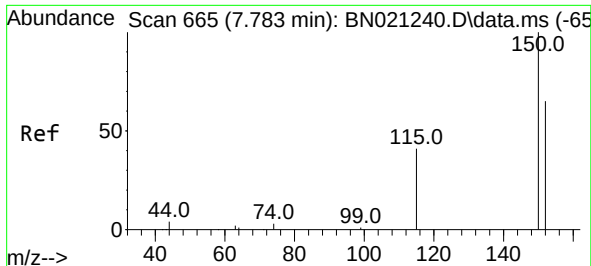
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 TT149S1-20220809MSD

Quant Time: Aug 18 06:42:26 2022
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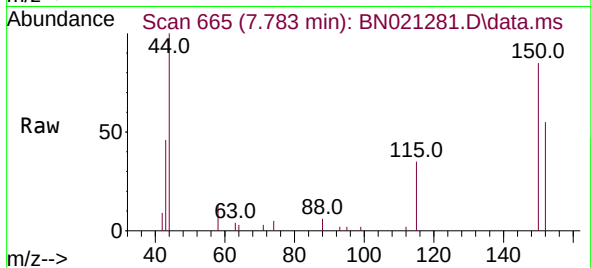
Reviewed By :Christian Giraldo 08/18/2022
 Supervised By :Jagrut Upadhyay 08/18/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.783 min Scan# 665
 Delta R.T. 0.000 min
 Lab File: BN021281.D
 Acq: 17 Aug 2022 16:30

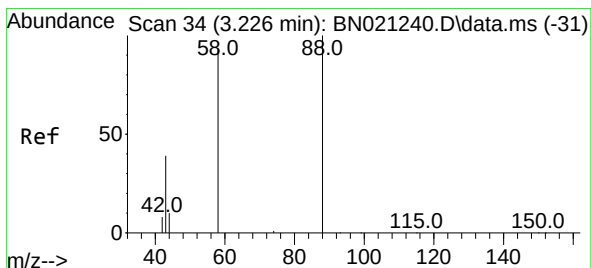
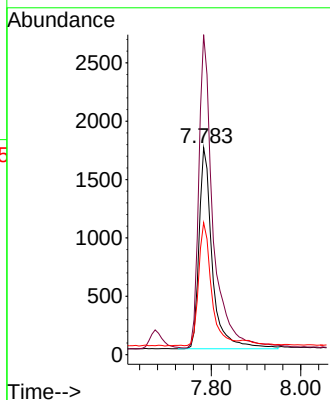
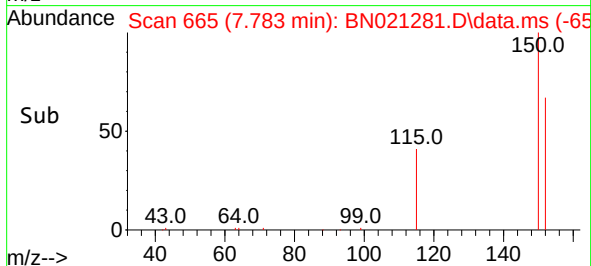
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 ClientSampleId :
 TT149S1-20220809MSD



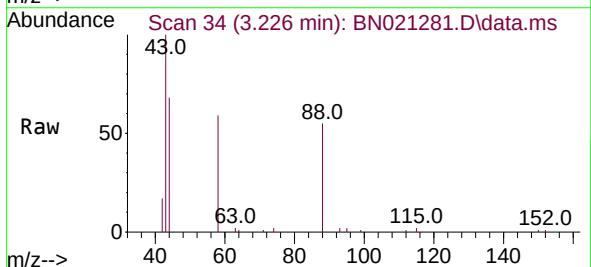
Tgt Ion:152 Resp: 3554
 Ion Ratio Lower Upper
 152 100
 150 154.6 123.1 184.7
 115 63.7 52.2 78.4

Manual Integrations
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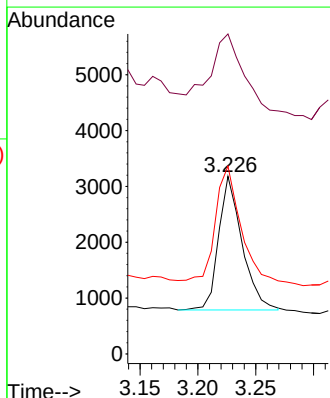
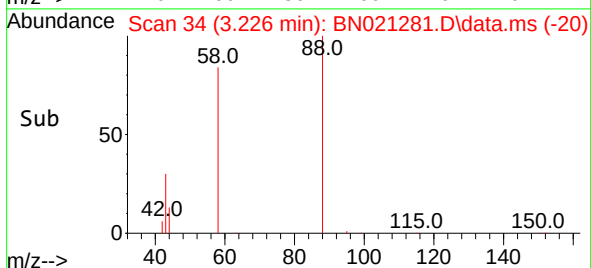
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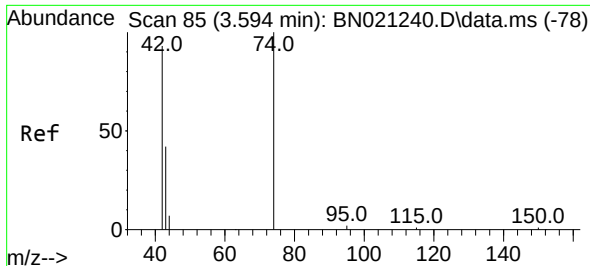


#2
 1,4-Dioxane
 Concen: 0.682 ng
 RT: 3.226 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: BN021281.D
 Acq: 17 Aug 2022 16:30



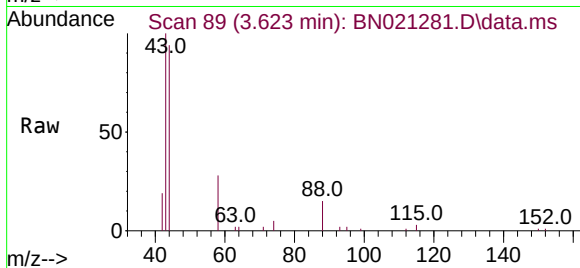
Tgt Ion: 88 Resp: 3381
 Ion Ratio Lower Upper
 88 100
 43 80.9 28.6 42.8
 58 89.1 74.5 111.7





#3
n-Nitrosodimethylamine
Concen: 0.317 ng m
RT: 3.623 min Scan# 89
Delta R.T. 0.029 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

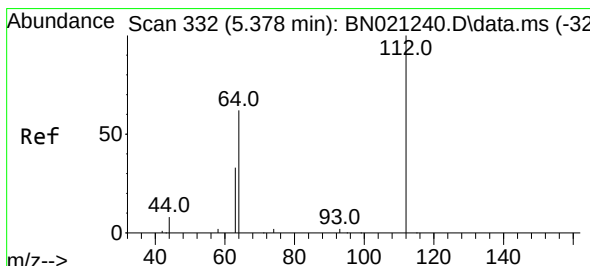
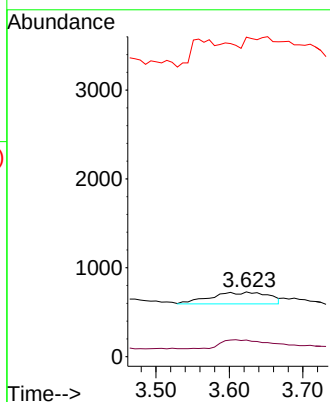
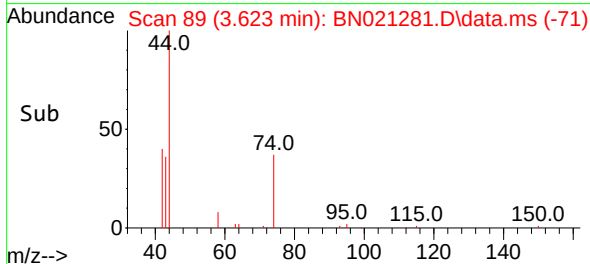
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Tgt Ion: 42 Resp: 725
Ion Ratio Lower Upper
42 100
74 59.4 82.4 123.6
44 0.0 2.7 4.1

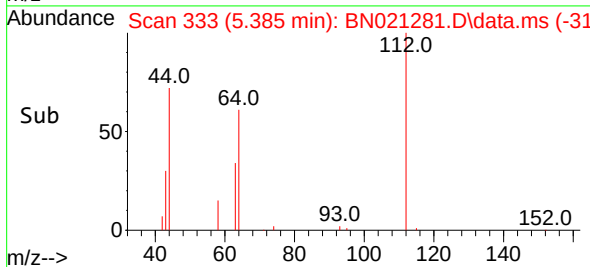
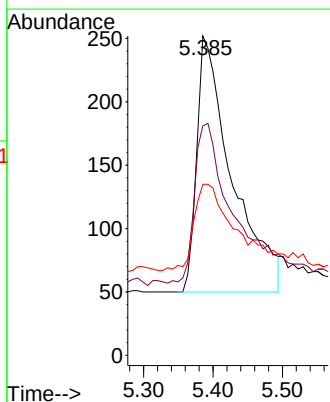
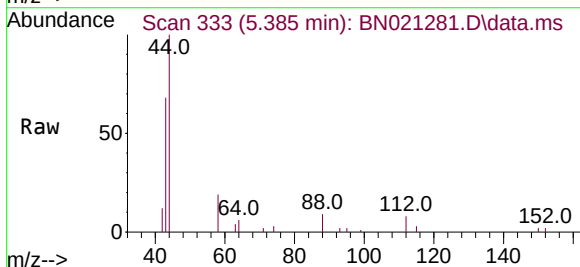
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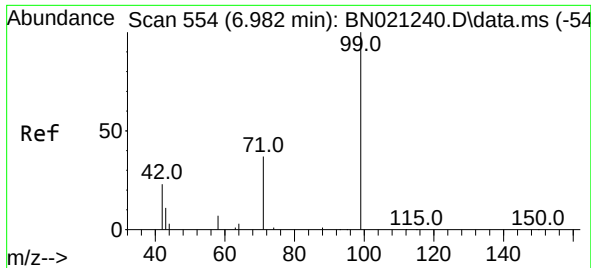
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#4
2-Fluorophenol
Concen: 0.080 ng
RT: 5.385 min Scan# 333
Delta R.T. 0.007 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

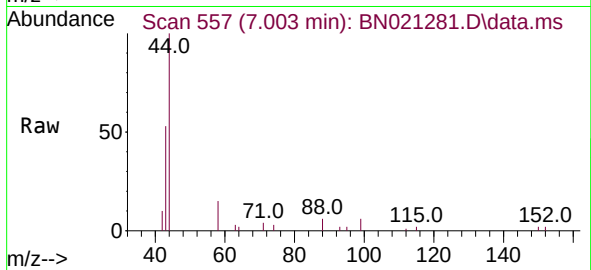
Tgt Ion:112 Resp: 709
Ion Ratio Lower Upper
112 100
64 69.1 52.0 78.0
63 40.8 27.5 41.3





#5
Phenol-d6
Concen: 0.051 ng
RT: 7.003 min Scan# 554
Delta R.T. 0.022 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

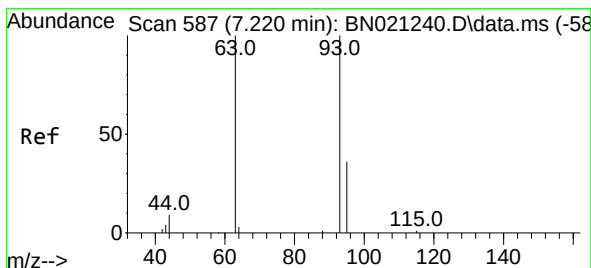
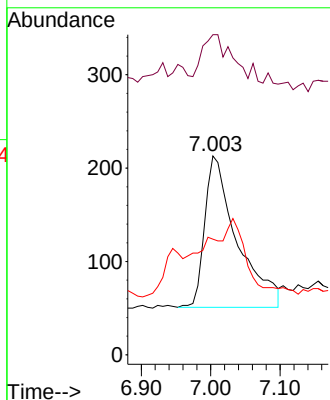
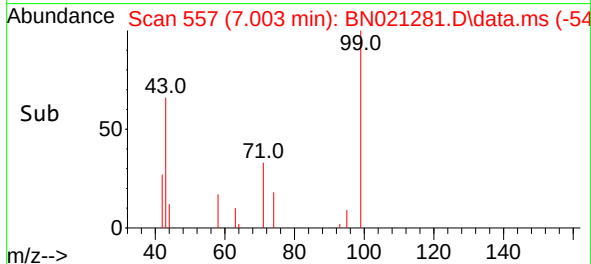
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 99 Resp: 523
Ion Ratio Lower Upper
99 100
42 31.0 19.1 28.7
71 0.0 28.9 43.3

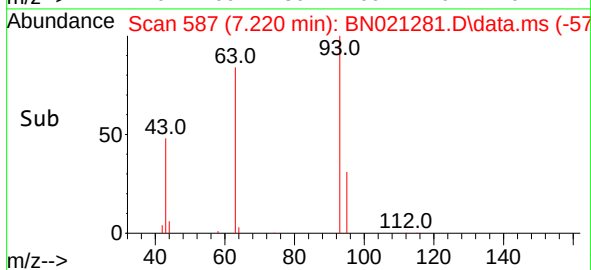
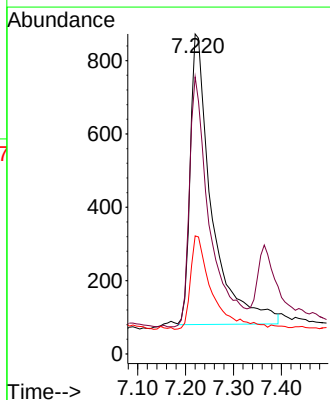
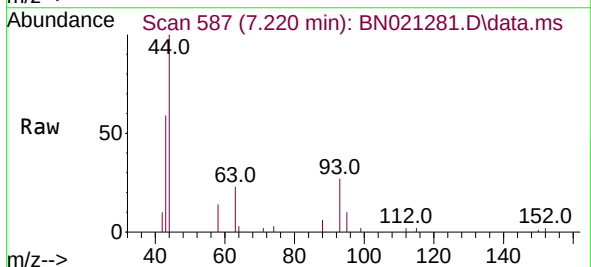
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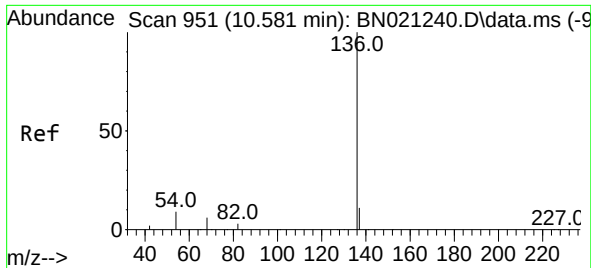
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022



#6
bis(2-Chloroethyl)ether
Concen: 0.283 ng
RT: 7.220 min Scan# 587
Delta R.T. -0.000 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

Tgt Ion: 93 Resp: 2474
Ion Ratio Lower Upper
93 100
63 80.0 67.8 101.8
95 32.2 28.7 43.1





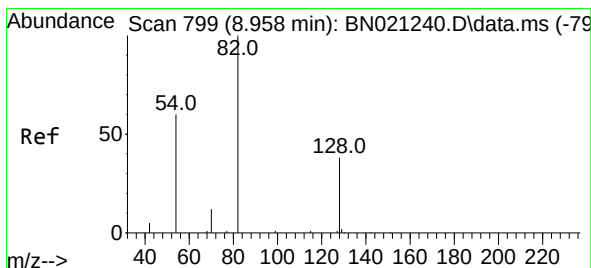
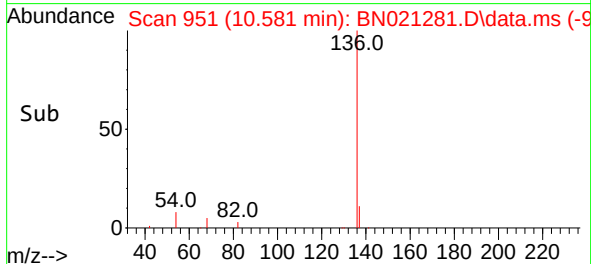
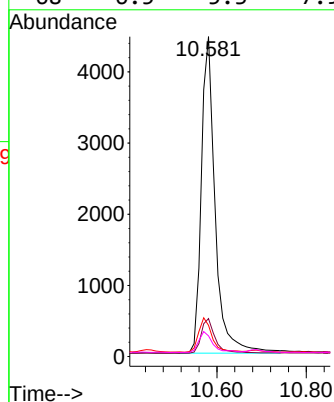
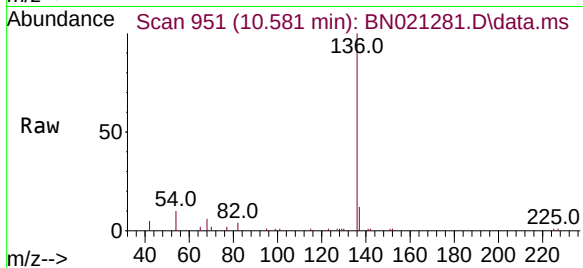
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.581 min Scan# 951
Delta R.T. -0.000 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

Instrument :
BNA_N
ClientSampleId :
TT149S1-20220809MSD

Tgt Ion:	136	Resp:	9536
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.6	14.4
54	9.8	8.2	12.2
68	6.5	5.3	7.9

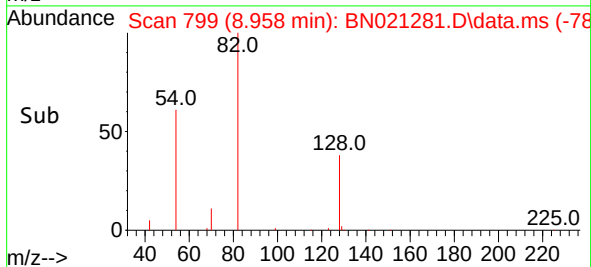
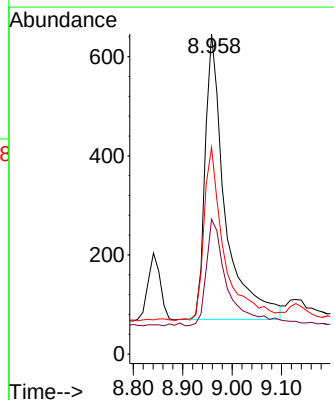
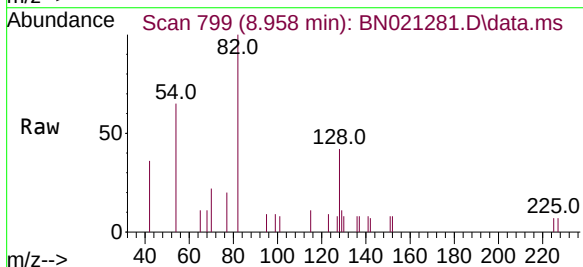
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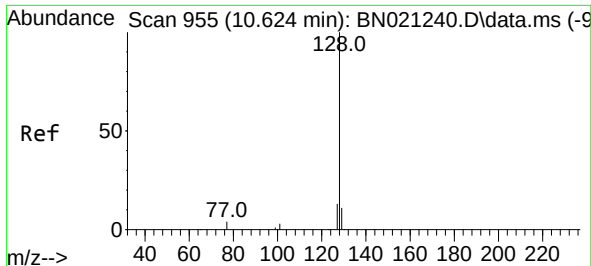
Reviewed By :Christian Giraldo 08/18/2022
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#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

Tgt Ion:	82	Resp:	1620
Ion Ratio	Lower	Upper	
82	100		
128	42.1	33.6	50.4
54	64.6	50.2	75.2





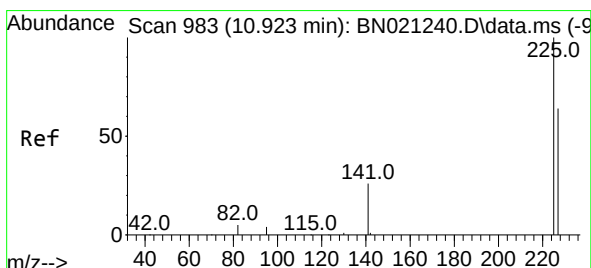
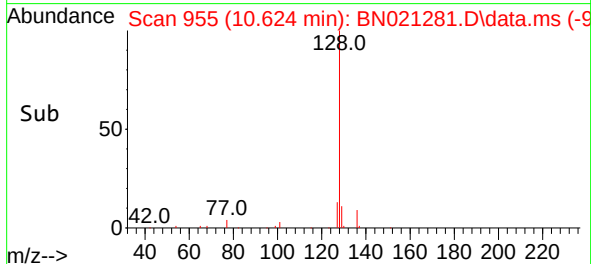
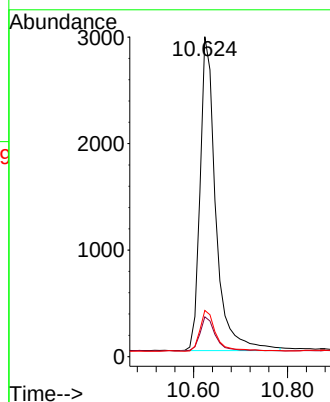
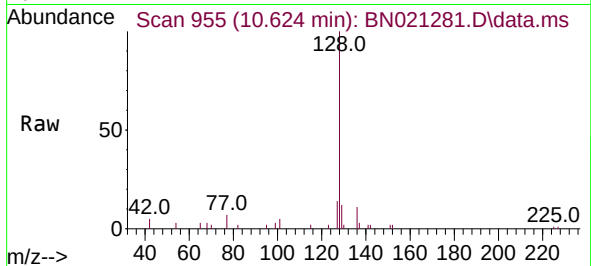
#9
Naphthalene
Concen: 0.237 ng
RT: 10.624 min Scan# 955
Delta R.T. -0.000 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

Instrument :
BNA_N
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TT149S1-20220809MSD

Tgt Ion:128 Resp: 6845
Ion Ratio Lower Upper
128 100
129 12.4 9.4 14.0
127 14.4 11.0 16.6

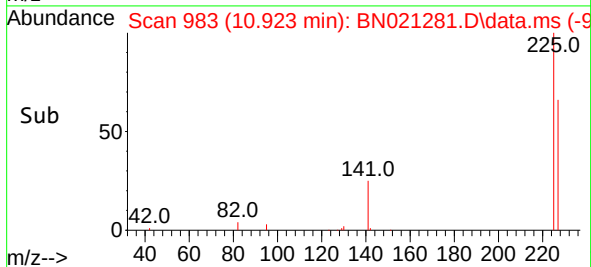
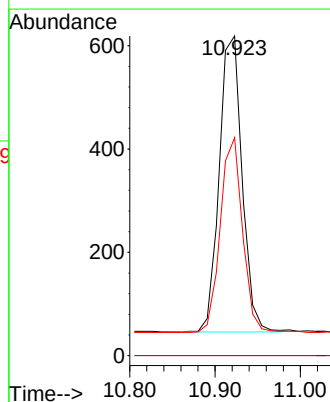
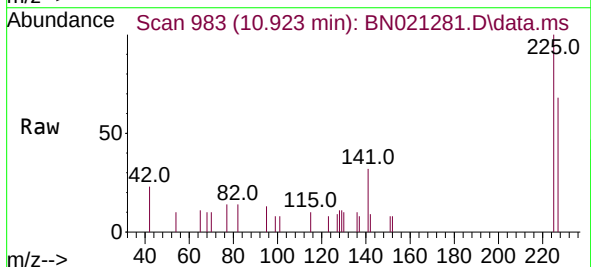
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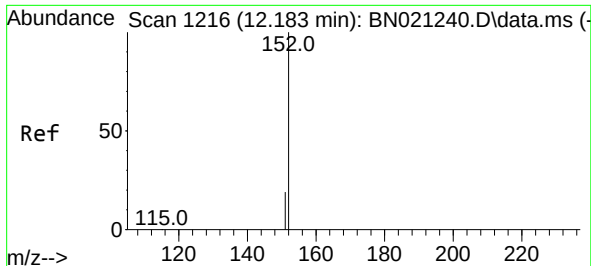
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022



#10
Hexachlorobutadiene
Concen: 0.207 ng
RT: 10.923 min Scan# 983
Delta R.T. -0.000 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

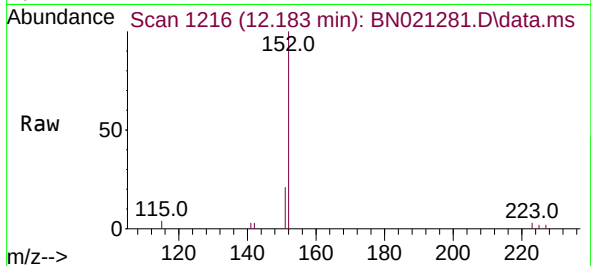
Tgt Ion:225 Resp: 1070
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.7 50.9 76.3





#11
2-Methylnaphthalene-d10
Concen: 0.264 ng
RT: 12.183 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

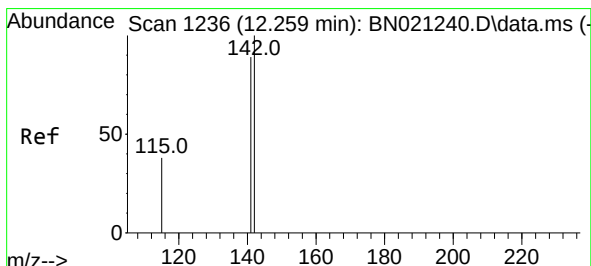
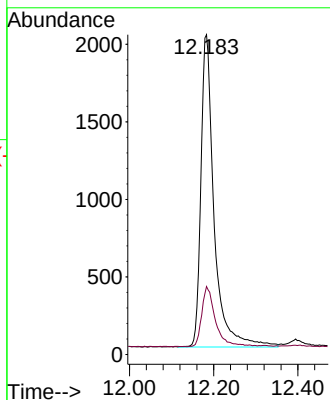
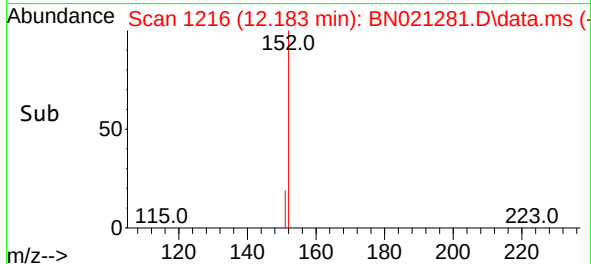
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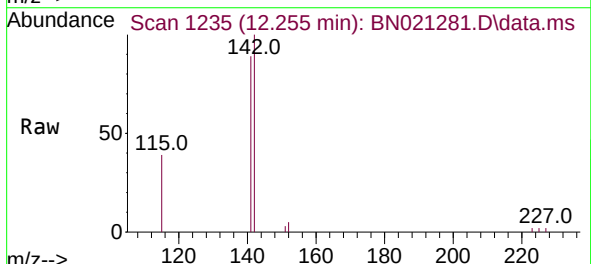
Tgt Ion:152 Resp: 4380
Ion Ratio Lower Upper
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151 19.8 15.8 23.8

Manual Integrations
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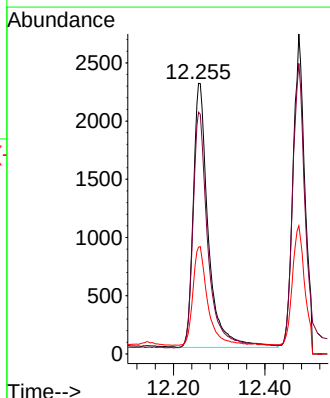
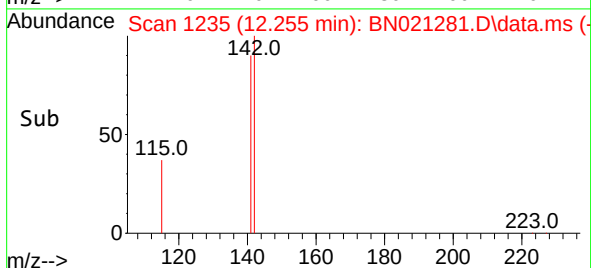
Reviewed By :Christian Giraldo 08/18/2022
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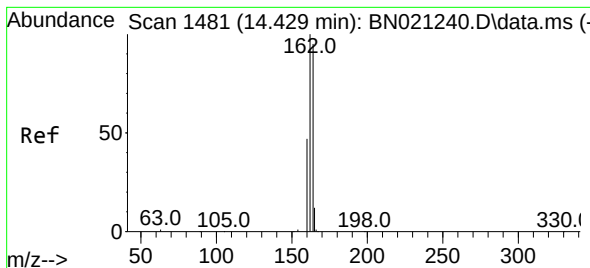


#12
2-Methylnaphthalene
Concen: 0.263 ng
RT: 12.255 min Scan# 1235
Delta R.T. -0.004 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30



Tgt Ion:142 Resp: 5183
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6
115 39.5 31.3 46.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.429 min Scan# 1481

Delta R.T. -0.000 min

Lab File: BN021281.D

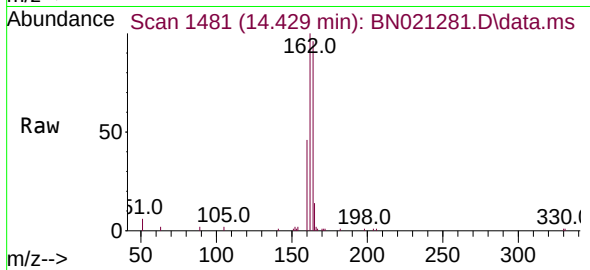
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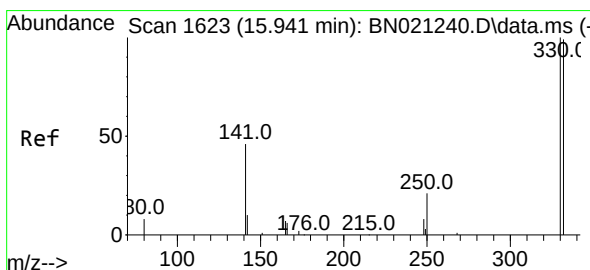
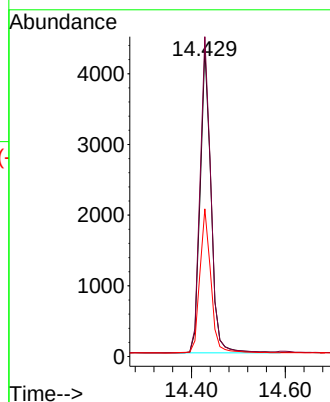
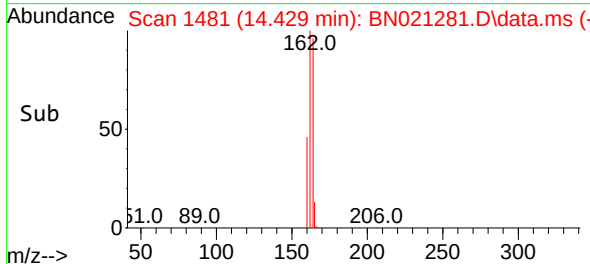
Tgt Ion:	164	Resp:	689
Ion Ratio	Lower	Upper	
164	100		
162	103.9	83.8	125.6
160	47.9	39.8	59.6

Manual Integrations

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Reviewed By :Christian Giraldo 08/18/2022

Supervised By :Jagrut Upadhyay 08/18/2022



#14

2,4,6-Tribromophenol

Concen: 0.208 ng

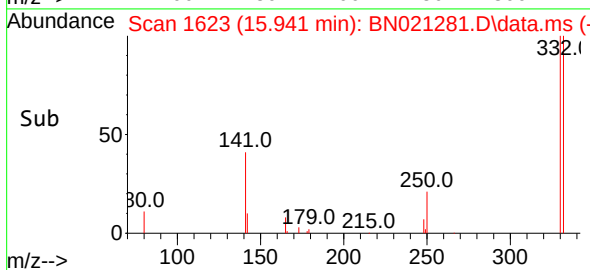
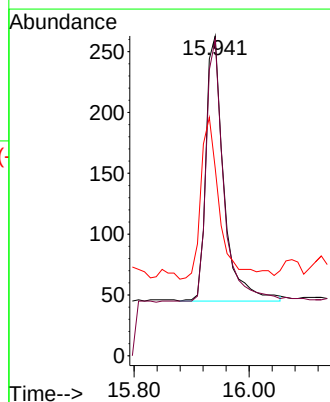
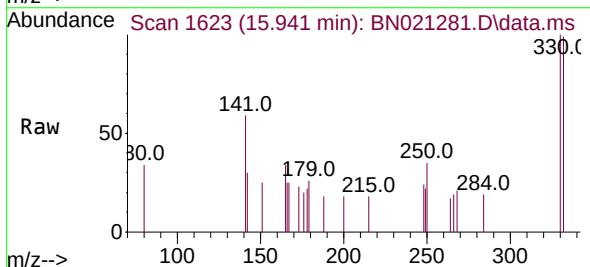
RT: 15.941 min Scan# 1623

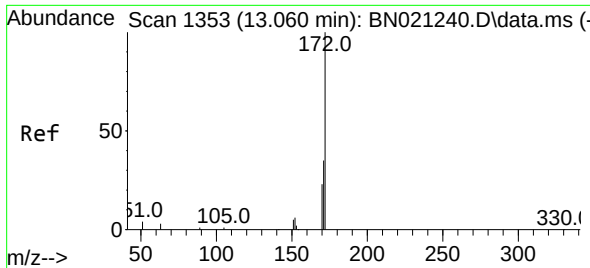
Delta R.T. -0.000 min

Lab File: BN021281.D

Acq: 17 Aug 2022 16:30

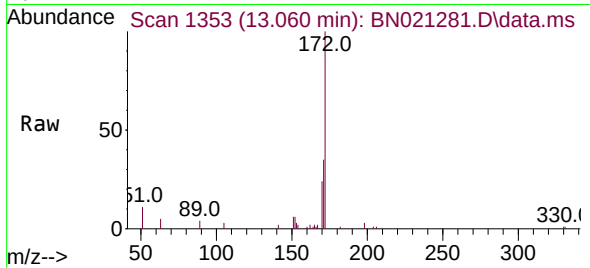
Tgt Ion:	330	Resp:	469
Ion Ratio	Lower	Upper	
330	100		
332	96.6	78.1	117.1
141	65.2	45.4	68.0





#15
2-Fluorobiphenyl
Concen: 0.235 ng
RT: 13.060 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

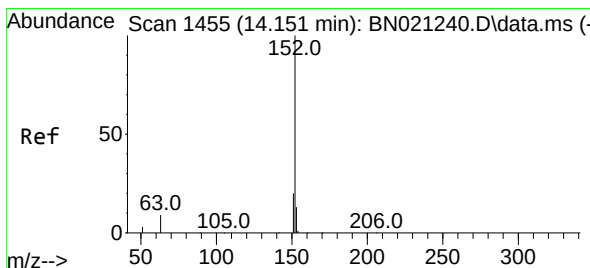
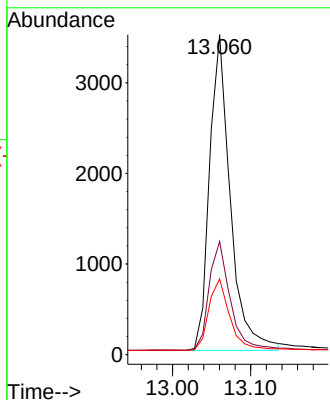
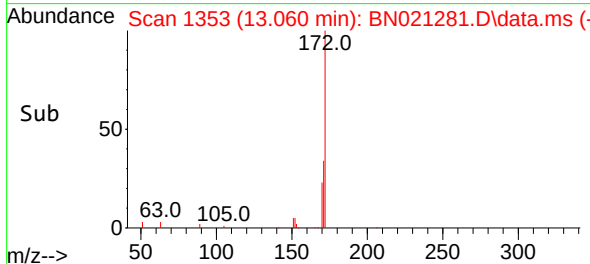
Instrument :
BNA_N
ClientSampleId :
TT149S1-20220809MSD



Tgt Ion:172 Resp: 6448
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.7 19.0 28.6

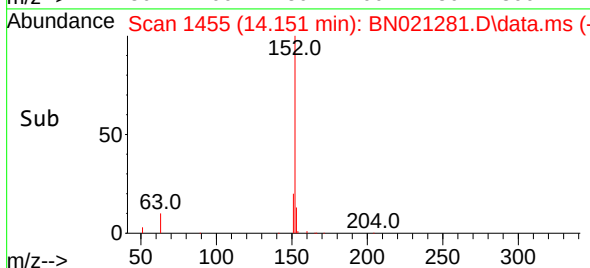
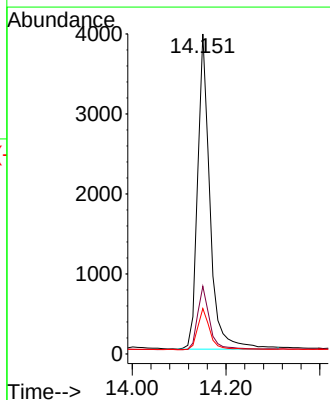
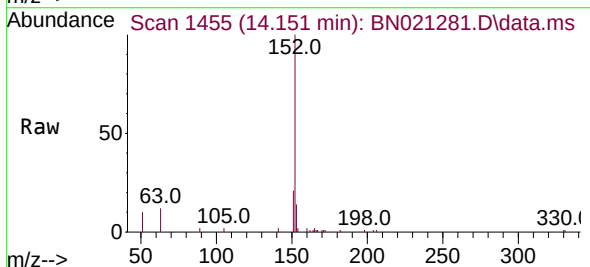
Manual Integrations
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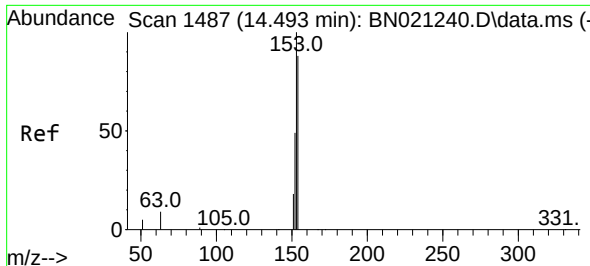
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022



#16
Acenaphthylene
Concen: 0.217 ng
RT: 14.151 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

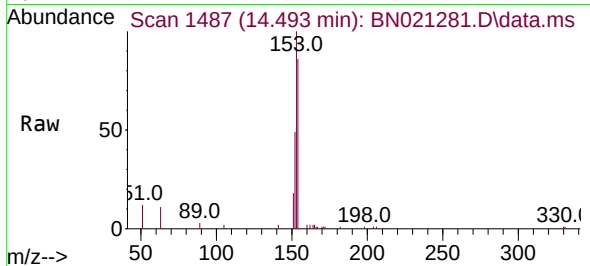
Tgt Ion:152 Resp: 7197
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.3 10.4 15.6





#17
Acenaphthene
Concen: 0.228 ng
RT: 14.493 min Scan# 1487
Delta R.T. -0.000 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

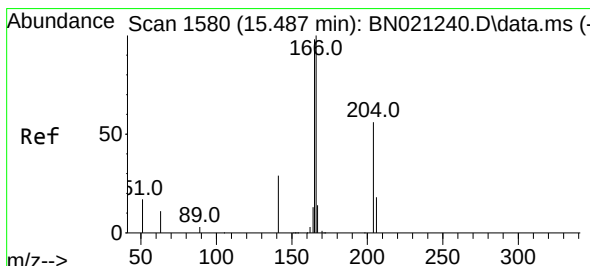
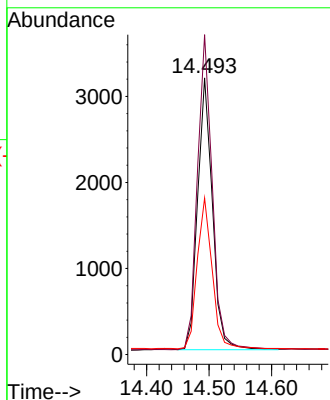
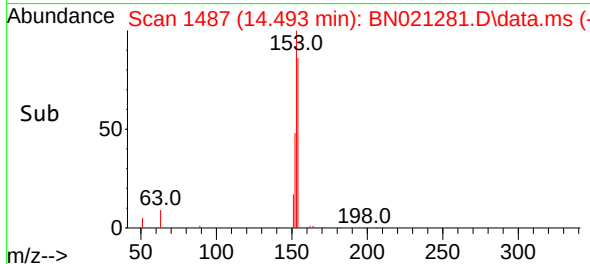
Instrument : BNA_N
ClientSampleId : TT149S1-20220809MSD



Tgt Ion:154 Resp: 5194
Ion Ratio Lower Upper
154 100
153 116.8 91.5 137.3
152 56.7 45.2 67.8

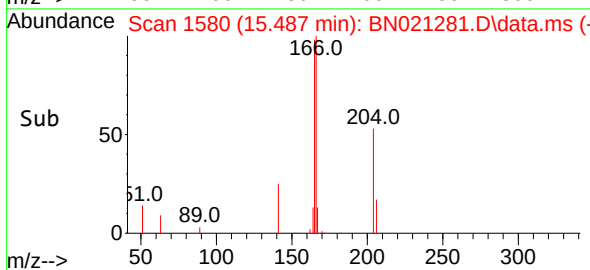
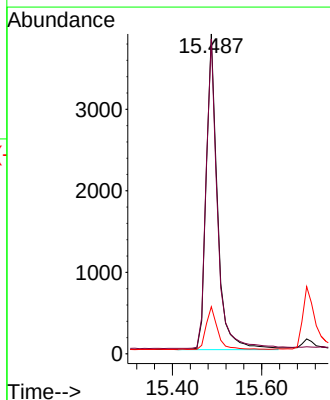
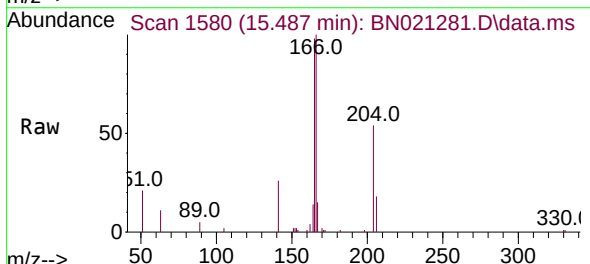
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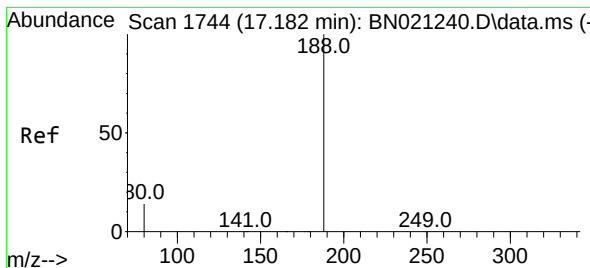
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022



#18
Fluorene
Concen: 0.235 ng
RT: 15.487 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

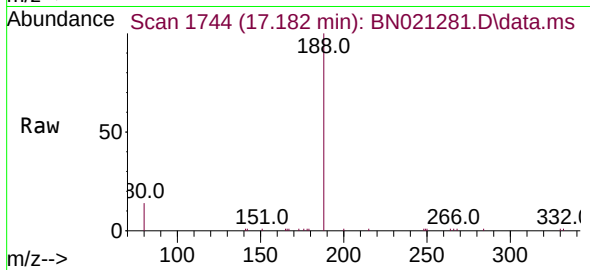
Tgt Ion:166 Resp: 6820
Ion Ratio Lower Upper
166 100
165 98.0 78.8 118.2
167 13.7 11.0 16.4





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.182 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

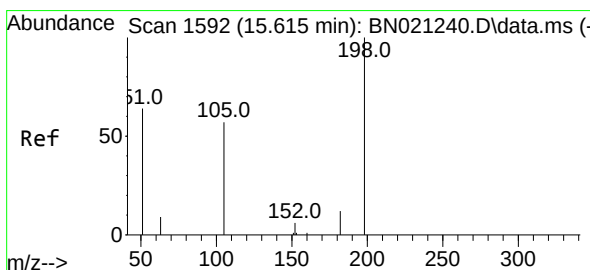
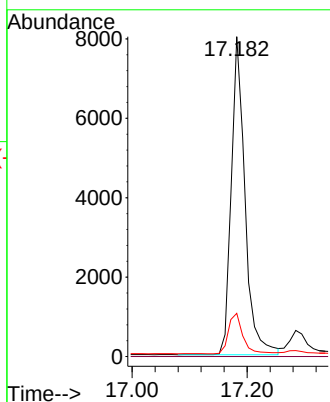
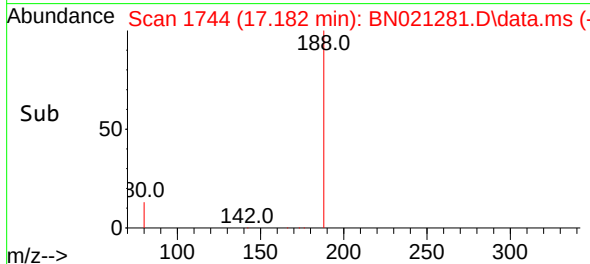
Instrument :
BNA_N
ClientSampleId :
TT149S1-20220809MSD



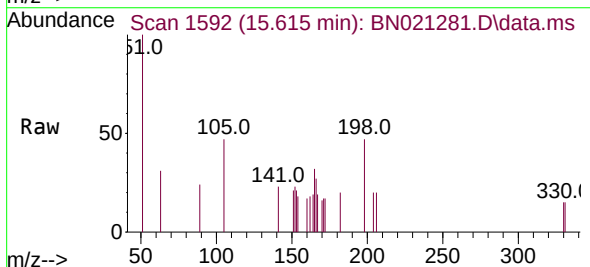
Tgt Ion:188 Resp: 13229
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 11.8 17.6

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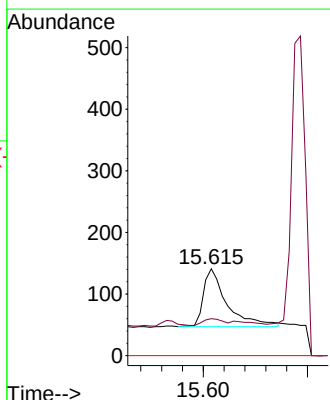
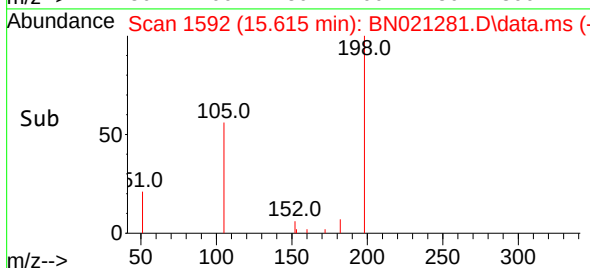
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022

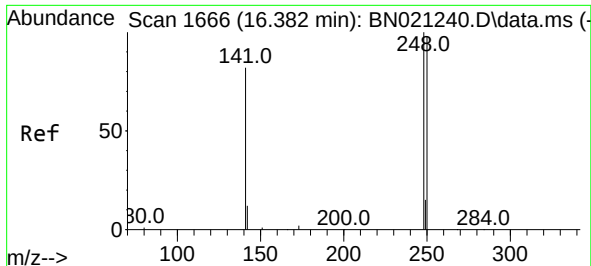


#20
4,6-Dinitro-2-methylphenol
Concen: 0.392 ng
RT: 15.615 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30



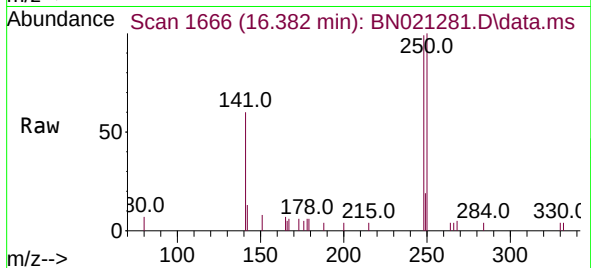
Tgt Ion:198 Resp: 296
Ion Ratio Lower Upper
198 100
182 42.6 33.9 50.9
77 0.0 0.0 0.0





#21
4-Bromophenyl-phenylether
Concen: 0.243 ng
RT: 16.382 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

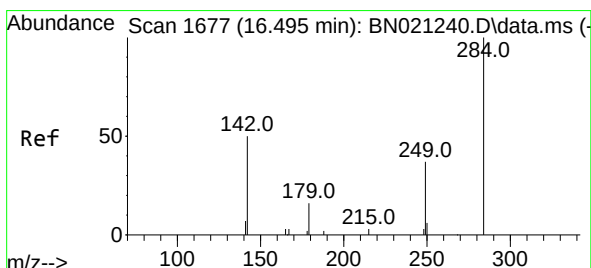
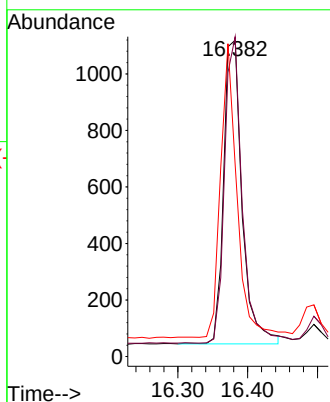
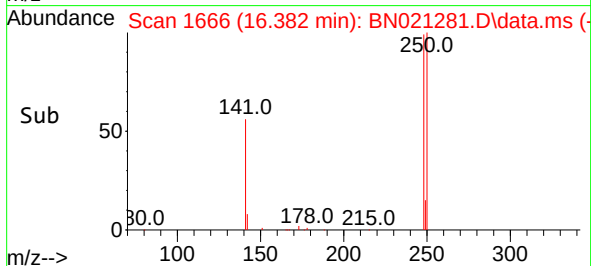
Instrument :
BNA_N
ClientSampleId :
TT149S1-20220809MSD



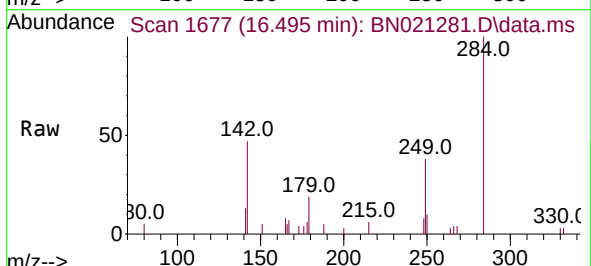
Tgt Ion: 248 Resp: 1972
Ion Ratio Lower Upper
248 100
250 101.2 78.6 117.8
141 60.7 66.8 100.2

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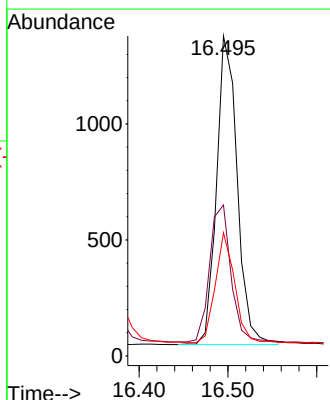
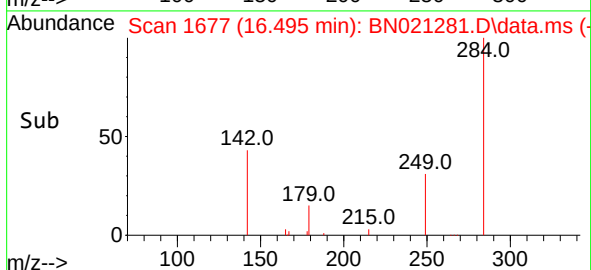
Reviewed By : Christian Giraldo 08/18/2022
Supervised By : Jagrut Upadhyay 08/18/2022

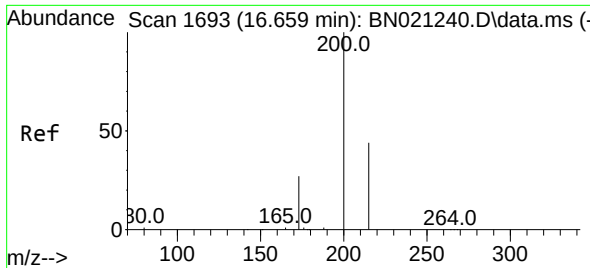


#22
Hexachlorobenzene
Concen: 0.236 ng
RT: 16.495 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30



Tgt Ion: 284 Resp: 2157
Ion Ratio Lower Upper
284 100
142 45.4 36.0 54.0
249 33.1 27.0 40.6





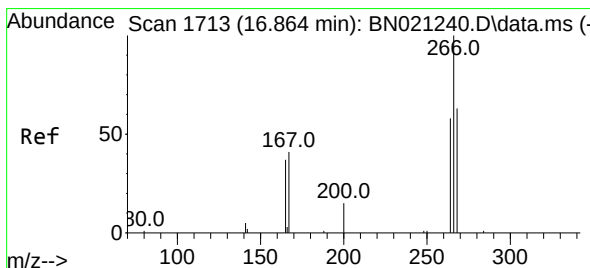
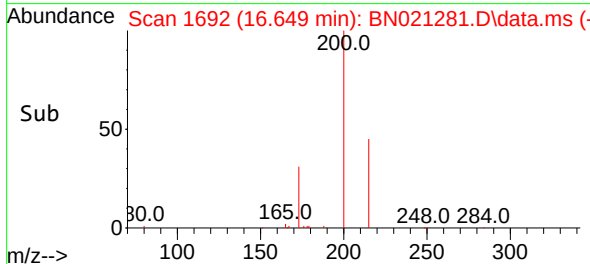
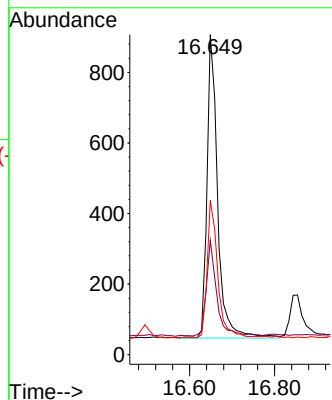
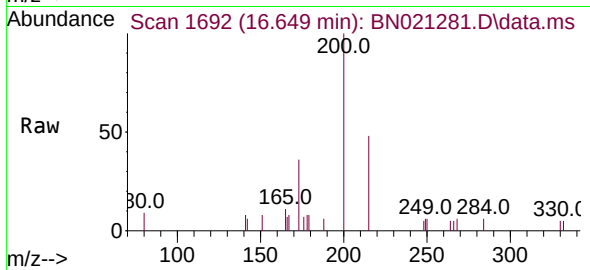
#23
Atrazine
Concen: 0.286 ng
RT: 16.649 min Scan# 1692
Delta R.T. -0.010 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

Instrument :
BNA_N
ClientSampleId :
TT149S1-20220809MSD

Tgt Ion:200 Resp: 1492
Ion Ratio Lower Upper
200 100
173 35.7 26.0 39.0
215 48.2 38.2 57.4

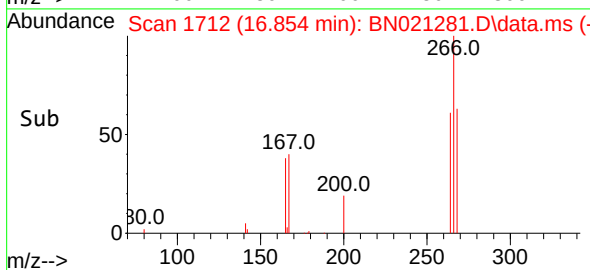
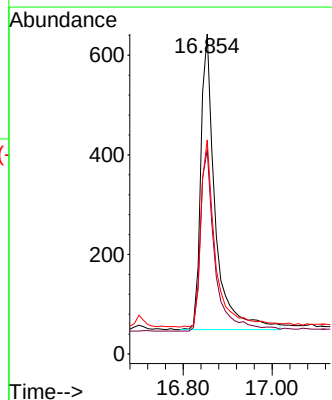
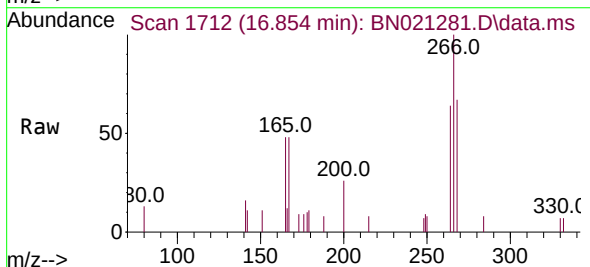
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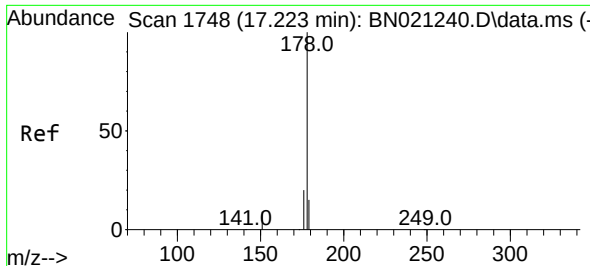
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022



#24
Pentachlorophenol
Concen: 0.650 ng
RT: 16.854 min Scan# 1712
Delta R.T. -0.010 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

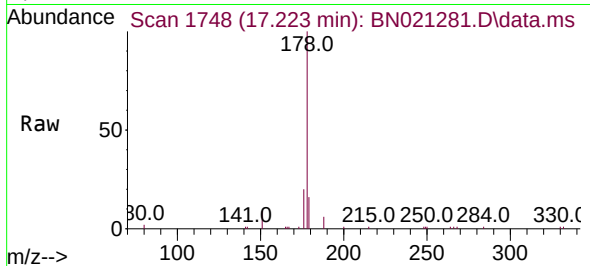
Tgt Ion:266 Resp: 1340
Ion Ratio Lower Upper
266 100
264 62.1 50.0 75.0
268 64.0 47.1 70.7





#25
Phenanthrene
Concen: 0.270 ng
RT: 17.223 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

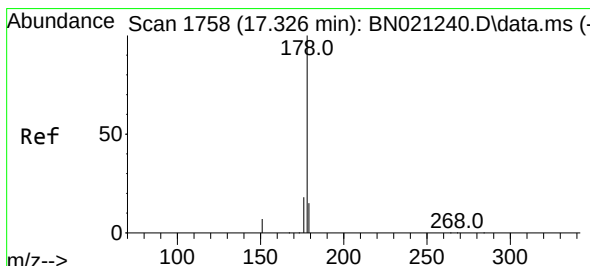
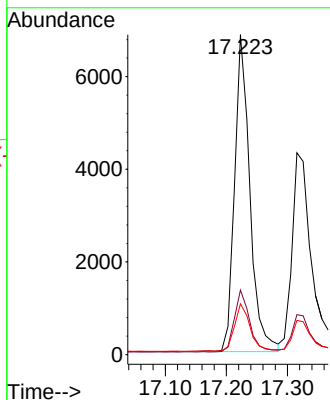
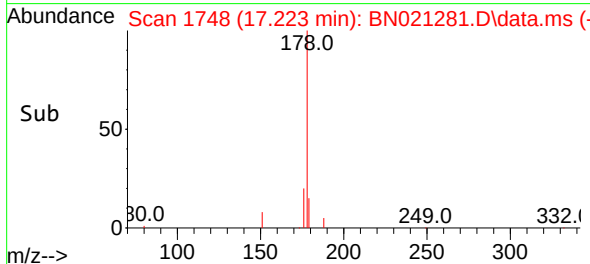
Instrument :
BNA_N
ClientSampleId :
TT149S1-20220809MSD



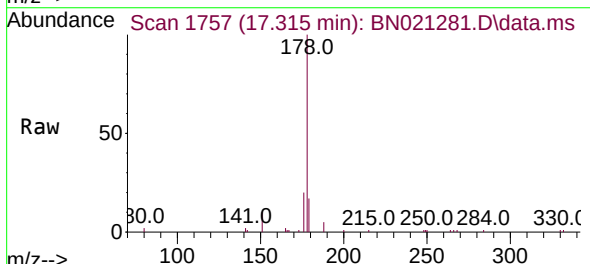
Tgt Ion:178 Resp: 11880
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.4 12.2 18.4

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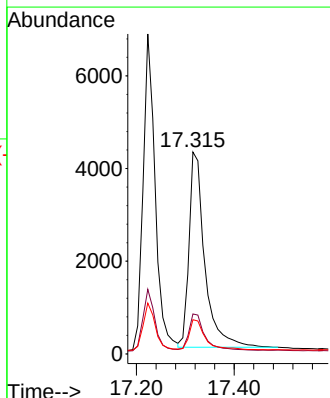
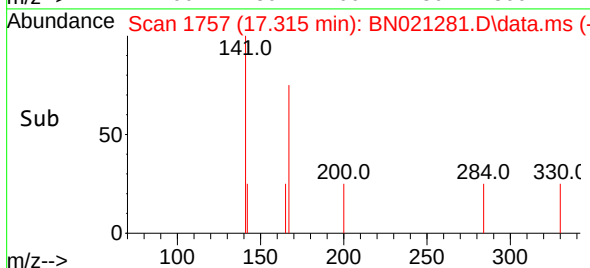
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022

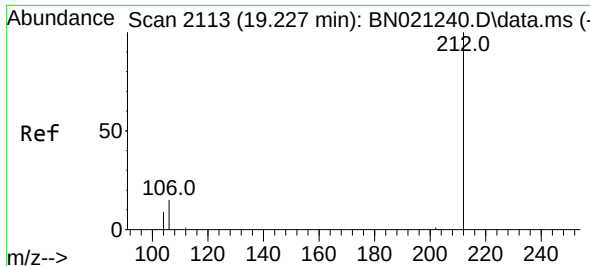


#26
Anthracene
Concen: 0.257 ng
RT: 17.315 min Scan# 1757
Delta R.T. -0.010 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30



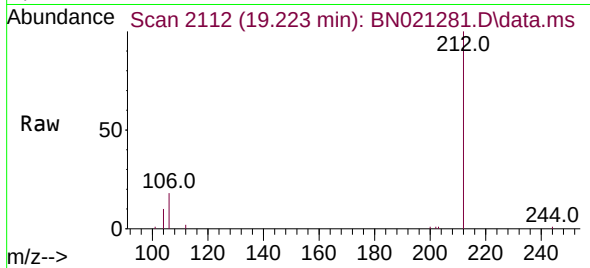
Tgt Ion:178 Resp: 9440
Ion Ratio Lower Upper
178 100
176 18.3 14.6 22.0
179 15.5 11.7 17.5





#27
Fluoranthene-d10
Concen: 0.306 ng
RT: 19.223 min Scan# 2112
Delta R.T. -0.004 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

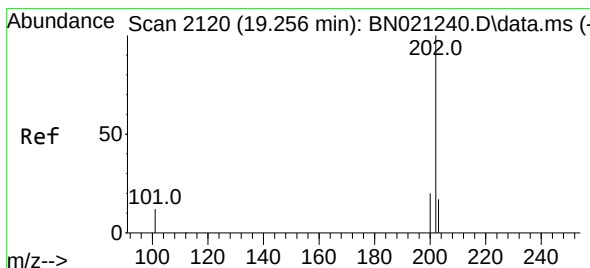
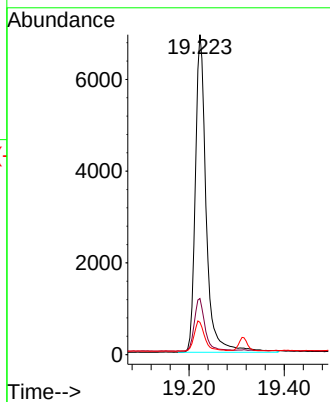
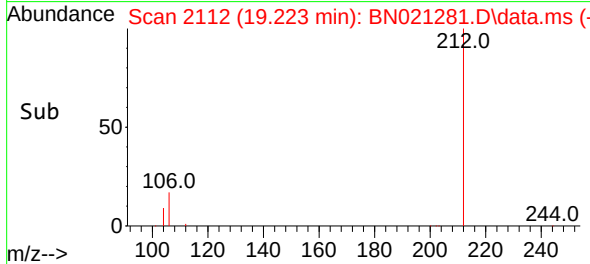
Instrument :
BNA_N
ClientSampleId :
TT149S1-20220809MSD



Tgt Ion:212 Resp: 11004
Ion Ratio Lower Upper
212 100
106 16.4 12.6 18.8
104 9.5 7.2 10.8

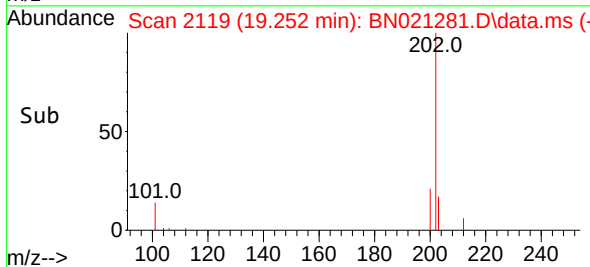
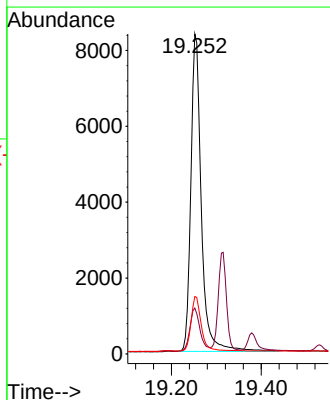
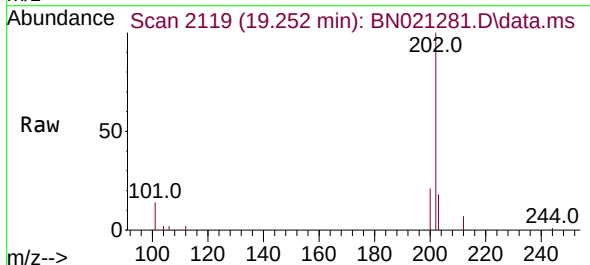
Manual Integrations
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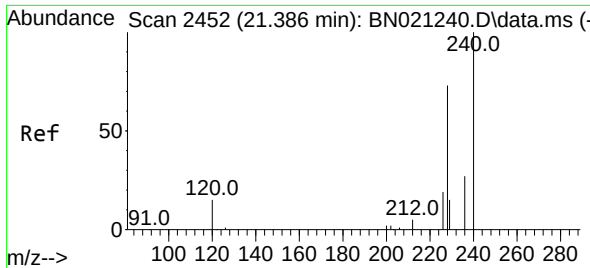
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022



#28
Fluoranthene
Concen: 0.295 ng
RT: 19.252 min Scan# 2119
Delta R.T. -0.004 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

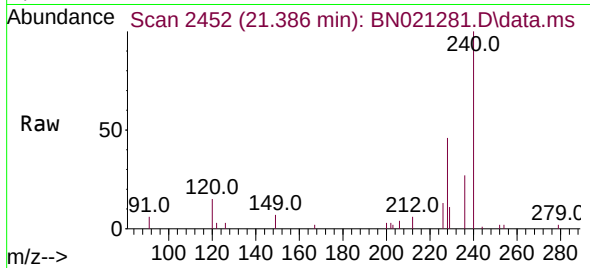
Tgt Ion:202 Resp: 13562
Ion Ratio Lower Upper
202 100
101 13.2 10.1 15.1
203 17.0 13.3 19.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.386 min Scan# 2452
Delta R.T. -0.000 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

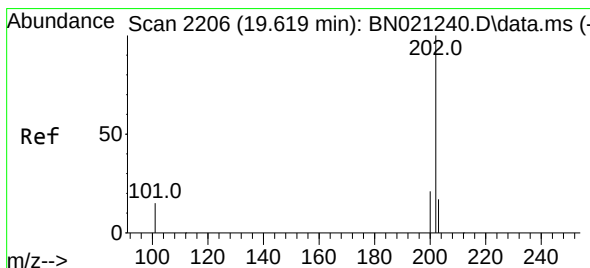
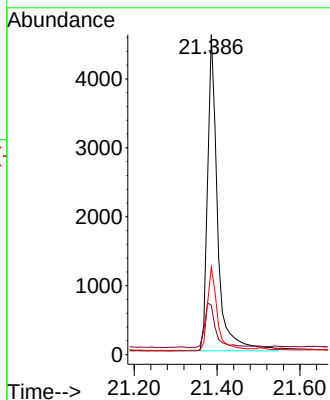
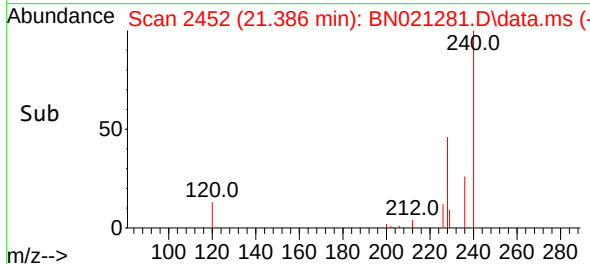
Instrument :
BNA_N
ClientSampleId :
TT149S1-20220809MSD



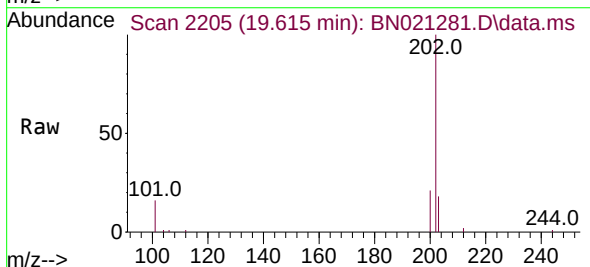
Tgt Ion:240 Resp: 7662
Ion Ratio Lower Upper
240 100
120 15.4 13.4 20.2
236 27.3 22.6 33.8

Manual Integrations
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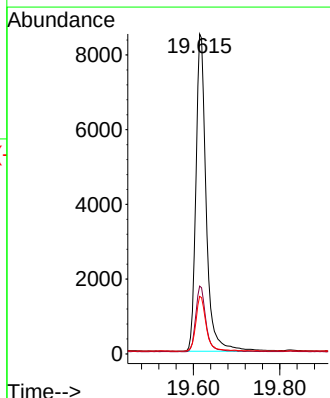
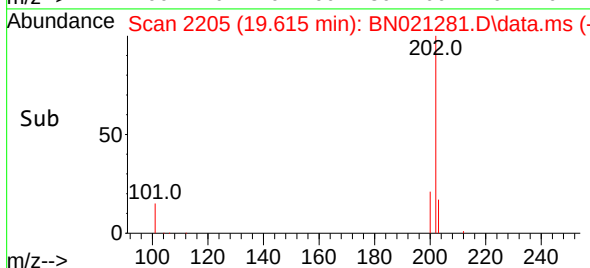
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022

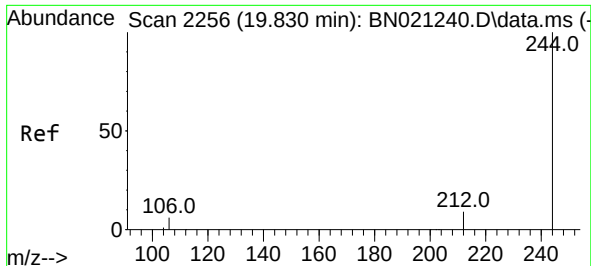


#30
Pyrene
Concen: 0.355 ng
RT: 19.615 min Scan# 2205
Delta R.T. -0.004 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30



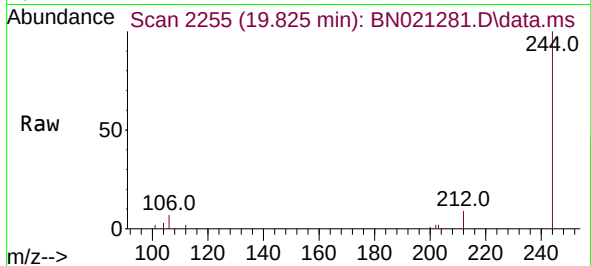
Tgt Ion:202 Resp: 13998
Ion Ratio Lower Upper
202 100
200 20.5 16.8 25.2
203 17.3 14.2 21.4





#31
 Terphenyl-d14
 Concen: 0.352 ng
 RT: 19.825 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN021281.D
 Acq: 17 Aug 2022 16:30

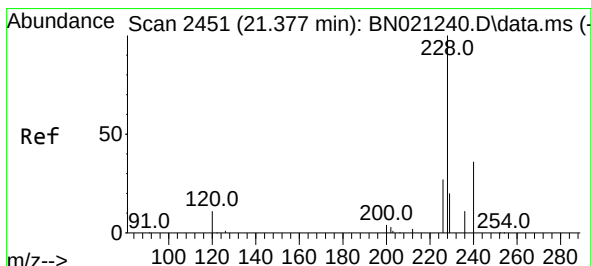
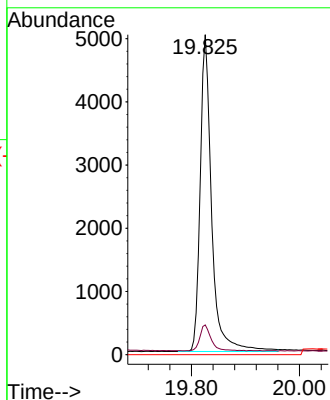
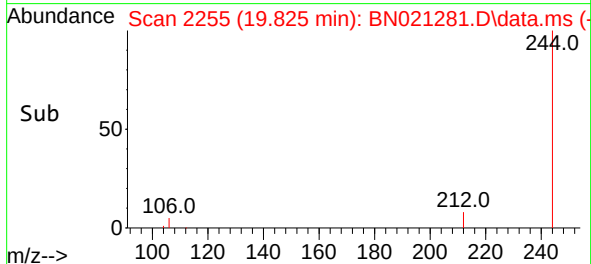
Instrument :
 BNA_N
 ClientSampleId :
 TT149S1-20220809MSD



Tgt Ion:244 Resp: 7352
 Ion Ratio Lower Upper
 244 100
 212 9.3 8.3 12.5
 122 0.0 0.0 0.0

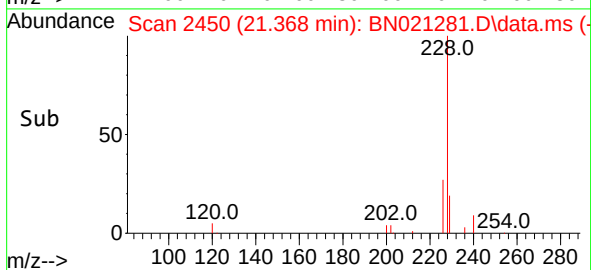
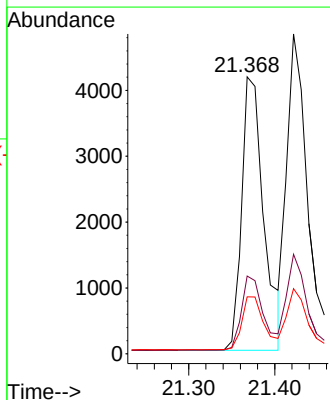
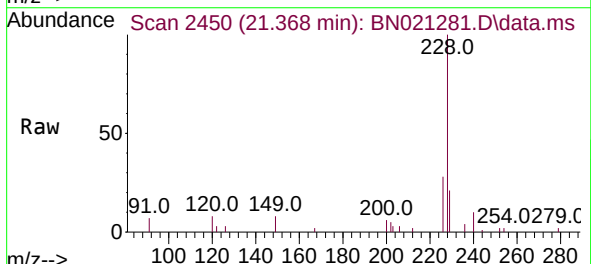
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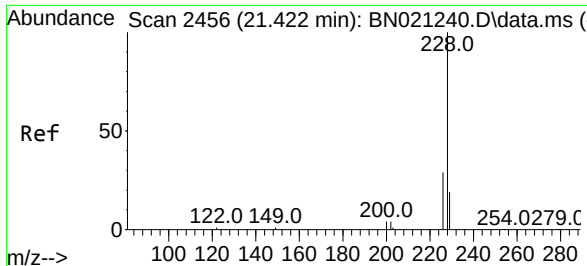
Reviewed By :Christian Giraldo 08/18/2022
 Supervised By :Jagrut Upadhyay 08/18/2022



#32
 Benzo(a)anthracene
 Concen: 0.296 ng
 RT: 21.368 min Scan# 2450
 Delta R.T. -0.009 min
 Lab File: BN021281.D
 Acq: 17 Aug 2022 16:30

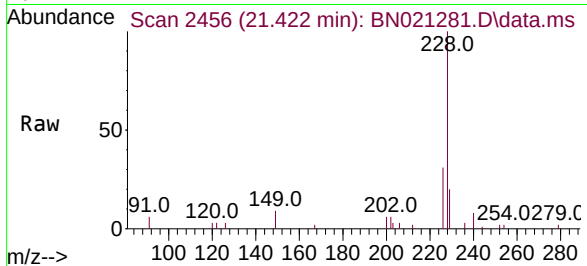
Tgt Ion:228 Resp: 7389
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.4 33.6
 229 20.6 16.6 24.8





#33
Chrysene
Concen: 0.258 ng
RT: 21.422 min Scan# 2456
Delta R.T. -0.000 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

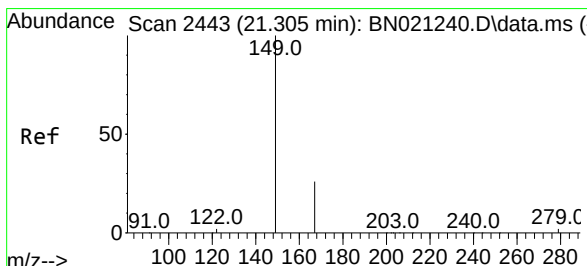
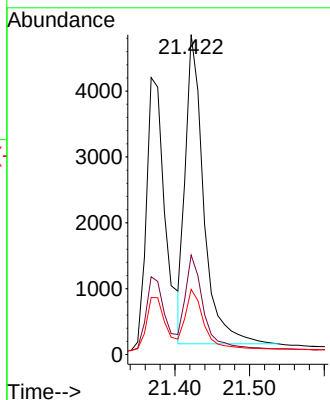
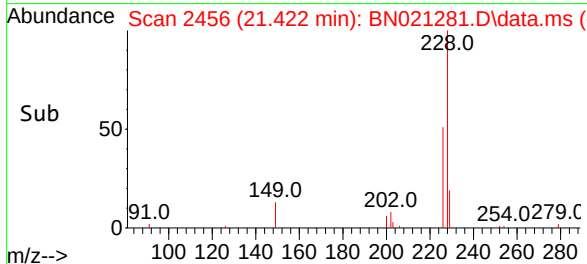
Instrument :
BNA_N
ClientSampleId :
TT149S1-20220809MSD



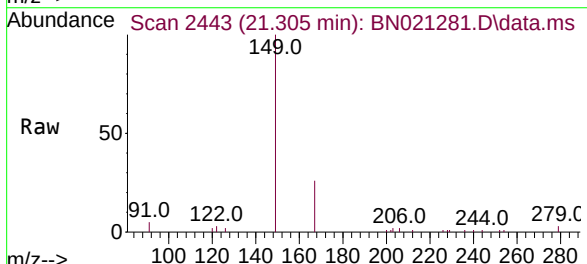
Tgt Ion:228 Resp: 7998
Ion Ratio Lower Upper
228 100
226 31.1 23.8 35.8
229 20.4 15.9 23.9

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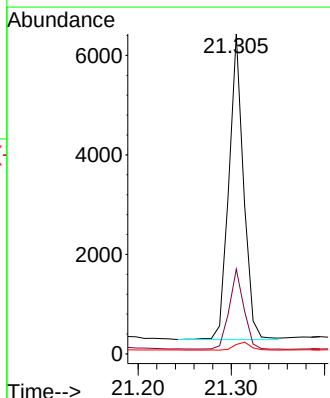
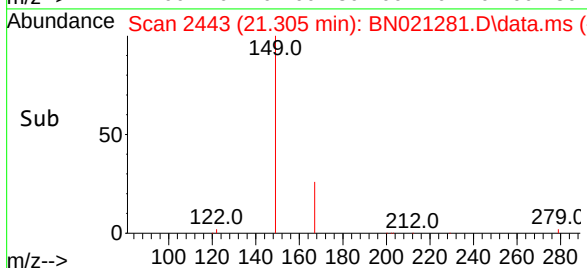
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022

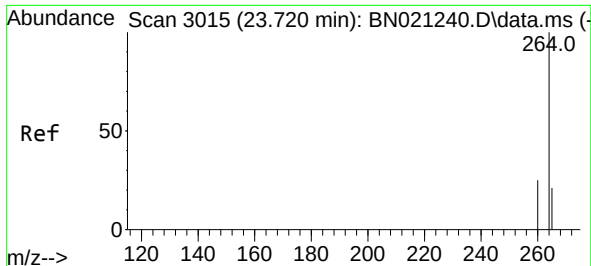


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.395 ng
RT: 21.305 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30



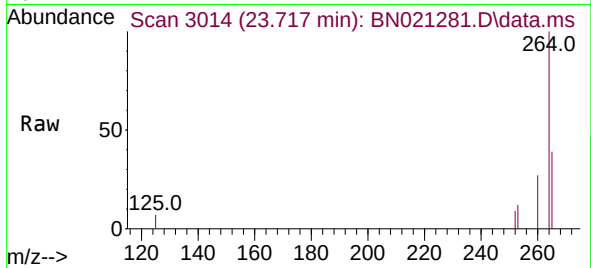
Tgt Ion:149 Resp: 6724
Ion Ratio Lower Upper
149 100
167 26.3 20.6 31.0
279 2.9 2.4 3.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.717 min Scan# 3015
 Delta R.T. -0.003 min
 Lab File: BN021281.D
 Acq: 17 Aug 2022 16:30

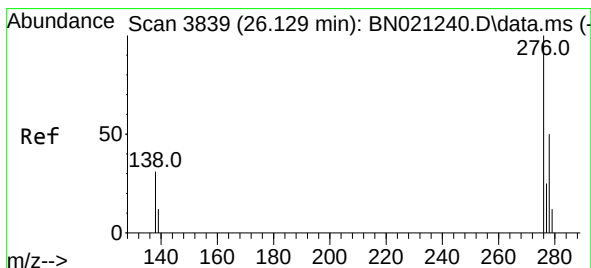
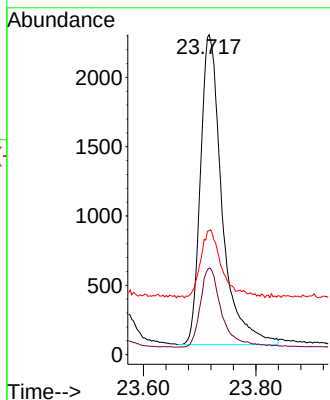
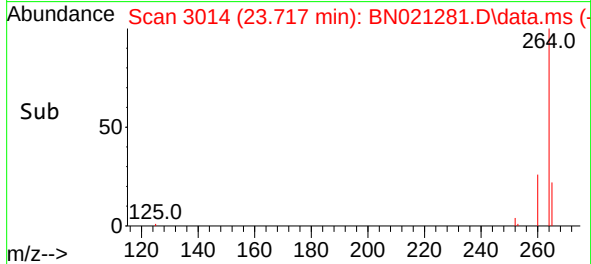
Instrument :
 BNA_N
 ClientSampleId :
 TT149S1-20220809MSD



Tgt Ion:264 Resp: 5959
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.4 32.2
 265 38.8 34.3 51.5

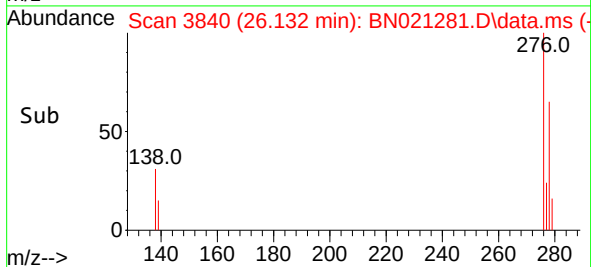
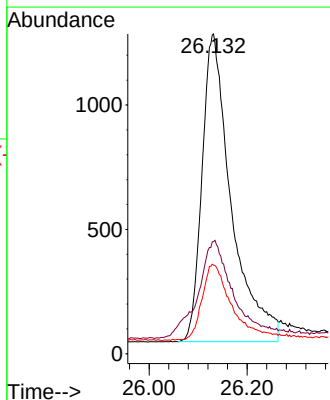
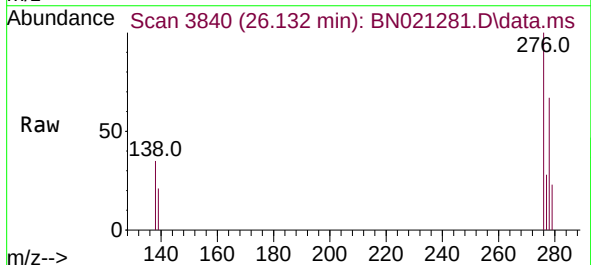
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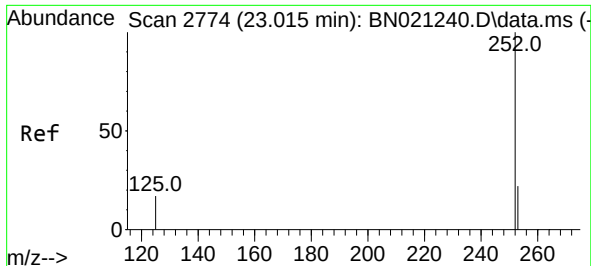
Reviewed By :Christian Giraldo 08/18/2022
 Supervised By :Jagrut Upadhyay 08/18/2022



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.195 ng
 RT: 26.132 min Scan# 3840
 Delta R.T. 0.003 min
 Lab File: BN021281.D
 Acq: 17 Aug 2022 16:30

Tgt Ion:276 Resp: 5128
 Ion Ratio Lower Upper
 276 100
 138 36.9 24.2 36.2#
 277 24.8 19.1 28.7





#37

Benzo(b)fluoranthene

Concen: 0.267 ng m

RT: 23.012 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN021281.D

Acq: 17 Aug 2022 16:30

Instrument :

BN021281.D

ClientSampleId :

TT149S1-20220809MSD

Tgt Ion:252 Resp: 6650

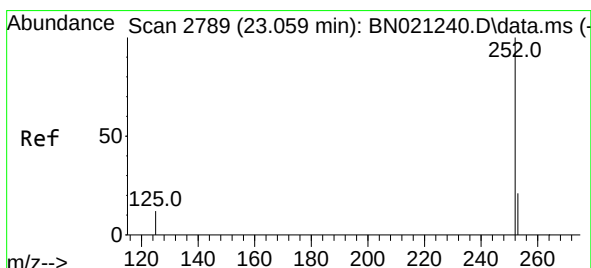
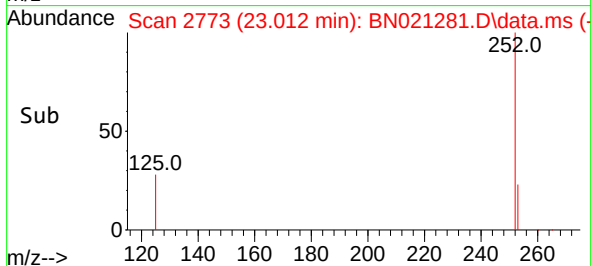
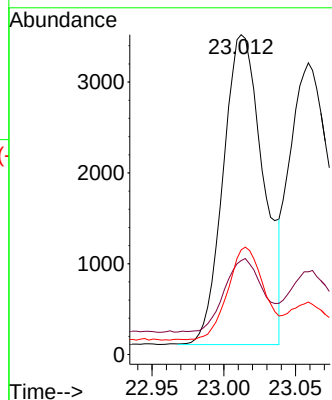
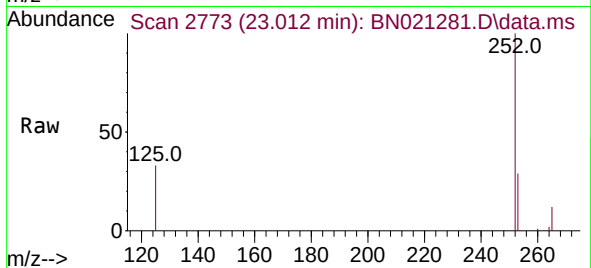
Ion	Ratio	Lower	Upper
252	100		
253	29.4	21.4	32.0
125	32.7	15.3	22.9

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Reviewed By :Christian Giraldo 08/18/2022

Supervised By :Jagrut Upadhyay 08/18/2022



#38

Benzo(k)fluoranthene

Concen: 0.249 ng

RT: 23.059 min Scan# 2789

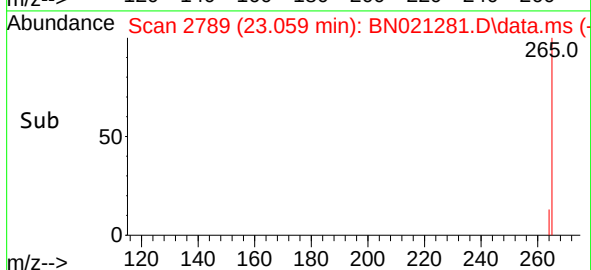
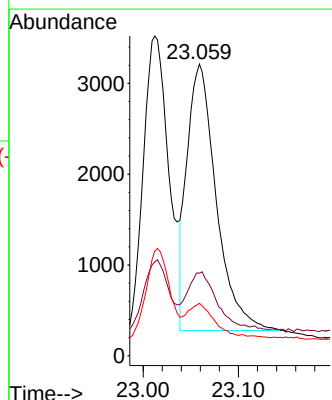
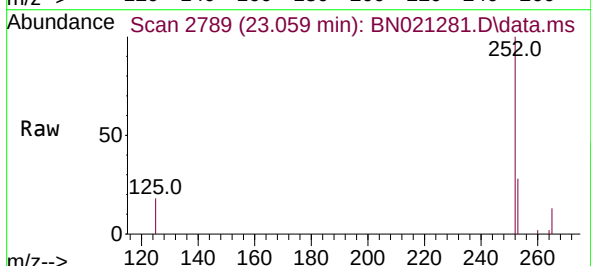
Delta R.T. -0.000 min

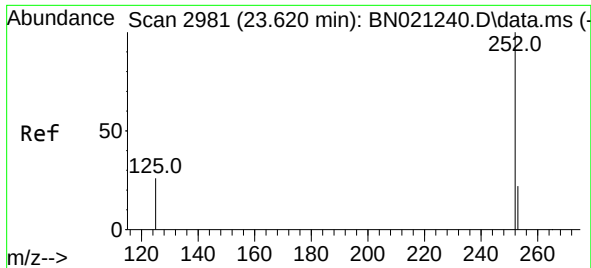
Lab File: BN021281.D

Acq: 17 Aug 2022 16:30

Tgt Ion:252 Resp: 6245

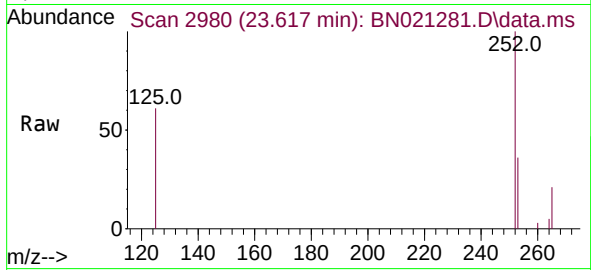
Ion	Ratio	Lower	Upper
252	100		
253	28.4	21.4	32.2
125	18.0	12.6	18.8





#39
Benzo(a)pyrene
Concen: 0.254 ng
RT: 23.617 min Scan# 2981
Delta R.T. -0.003 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

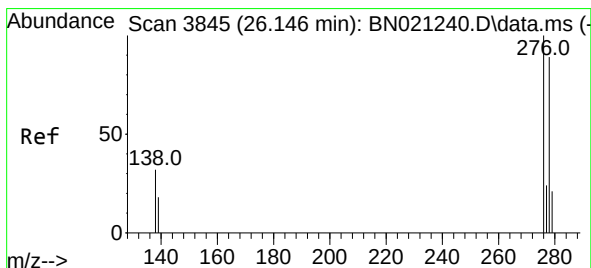
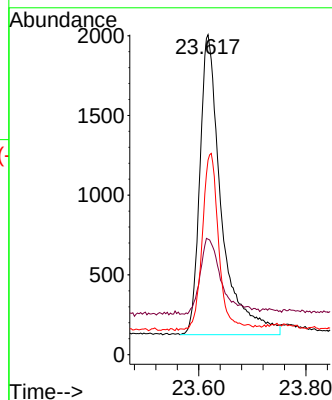
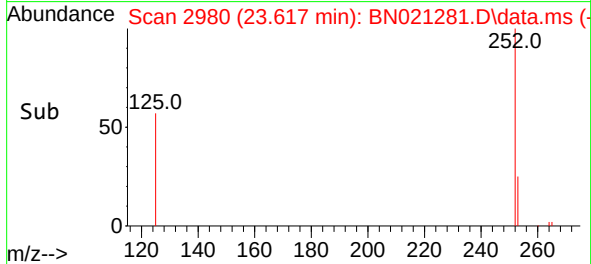
Instrument :
BNA_N
ClientSampleId :
TT149S1-20220809MSD



Tgt Ion:252 Resp: 5258
Ion Ratio Lower Upper
252 100
253 36.1 24.8 37.2
125 60.8 23.8 35.6

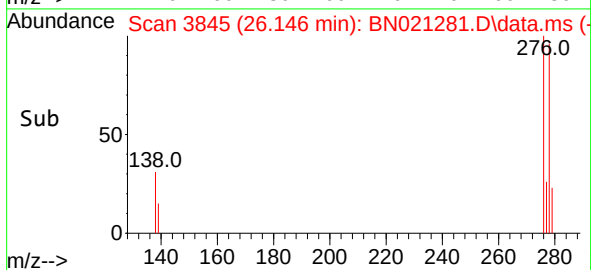
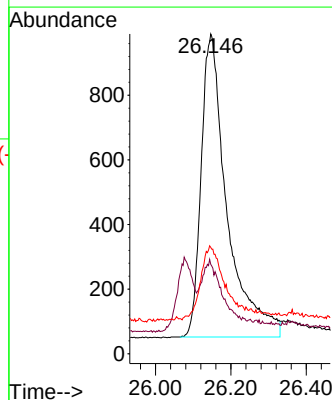
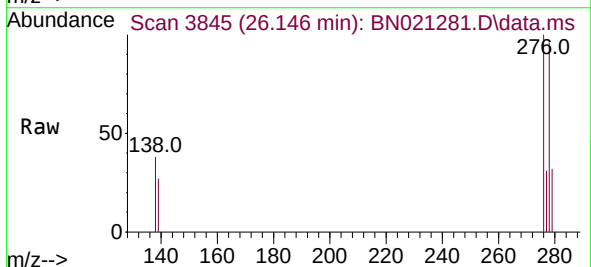
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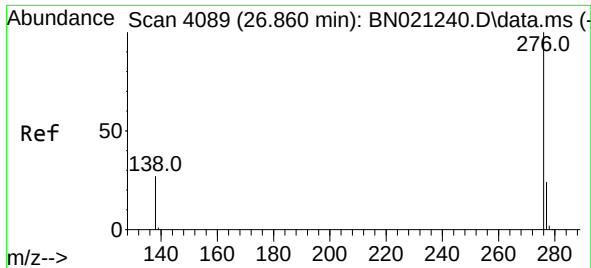
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022



#40
Dibenzo(a,h)anthracene
Concen: 0.219 ng
RT: 26.146 min Scan# 3845
Delta R.T. -0.000 min
Lab File: BN021281.D
Acq: 17 Aug 2022 16:30

Tgt Ion:278 Resp: 4466
Ion Ratio Lower Upper
278 100
139 28.0 20.5 30.7
279 33.2 23.8 35.8





#41

Benzo(g,h,i)perylene

Concen: 0.154 ng

RT: 26.868 min Scan# 40

Delta R.T. 0.009 min

Lab File: BN021281.D

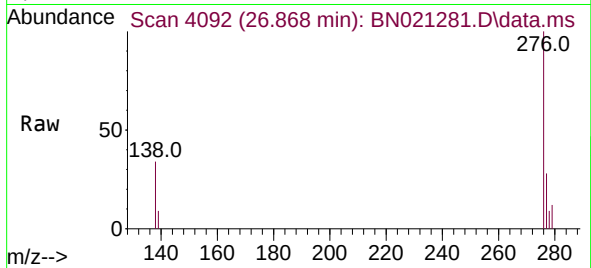
Acq: 17 Aug 2022 16:30

Instrument :

BNA_N

ClientSampleId :

TT149S1-20220809MSD



Tgt Ion:276 Resp: 3652

Ion Ratio Lower Upper

276 100

277 27.9 21.0 31.4

138 33.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/18/2022

Supervised By :Jagrut Upadhyay 08/18/2022

