

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083022\
 Data File : BN021454.D
 Acq On : 30 Aug 2022 13:40
 Operator : CG/JU
 Sample : N4280-03MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D2-20220817MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/31/2022
 Supervised By : Jagrut Upadhyay 08/31/2022

Quant Time: Aug 31 01:19:53 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:30:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	5181	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	16719	0.400	ng	# 0.00
13) Acenaphthene-d10	14.729	164	9304	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	19594	0.400	ng	0.00
29) Chrysene-d12	21.673	240	14939	0.400	ng	0.00
35) Perylene-d12	24.197	264	11382	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	1453	0.143	ng	0.00
5) Phenol-d6	7.224	99	1060	0.082	ng	0.00
8) Nitrobenzene-d5	9.243	82	3470	0.307	ng	-0.01
11) 2-Methylnaphthalene-d10	12.494	152	11100m	0.295	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	1084	0.355	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	12757	0.314	ng	0.00
27) Fluoranthene-d10	19.510	212	19603	0.389	ng	0.00
31) Terphenyl-d14	20.097	244	14517	0.432	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	19293	2.977	ng	# 89
3) n-Nitrosodimethylamine	3.750	42	574	0.098	ng	# 94
6) bis(2-Chloroethyl)ether	7.491	93	4702	0.289	ng	98
9) Naphthalene	10.952	128	12405	0.250	ng	100
10) Hexachlorobutadiene	11.240	225	1900	0.222	ng	# 100
12) 2-Methylnaphthalene	12.187	142	1605	0.321	ng	99
16) Acenaphthylene	14.451	152	10799	0.247	ng	100
17) Acenaphthene	14.793	154	7755	0.252	ng	98
18) Fluorene	15.776	166	10067	0.265	ng	99
21) 4-Bromophenyl-phenylether	16.660	248	3418	0.279	ng	# 78
22) Hexachlorobenzene	16.783	284	3726	0.249	ng	100
23) Atrazine	16.926	200	2159	0.302	ng	99
24) Pentachlorophenol	17.121	266	1555	0.548	ng	98
25) Phenanthrene	17.521	178	18687	0.276	ng	100
26) Anthracene	17.613	178	15166	0.282	ng	99
28) Fluoranthene	19.539	202	21086	0.300	ng	99
30) Pyrene	19.902	202	24039	0.302	ng	99
32) Benzo(a)anthracene	21.655	228	16272	0.313	ng	99
33) Chrysene	21.709	228	17799	0.287	ng	100
34) Bis(2-ethylhexyl)phtha...	21.566	149	8946	0.427	ng	99
36) Indeno(1,2,3-cd)pyrene	26.860	276	13308	0.259	ng	98
37) Benzo(b)fluoranthene	23.416	252	15935	0.284	ng	97
38) Benzo(k)fluoranthene	23.469	252	15914m	0.282	ng	
39) Benzo(a)pyrene	24.083	252	12559	0.321	ng	# 91
40) Dibenzo(a,h)anthracene	26.881	278	11454	0.277	ng	97
41) Benzo(g,h,i)perylene	27.673	276	11188	0.247	ng	99

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

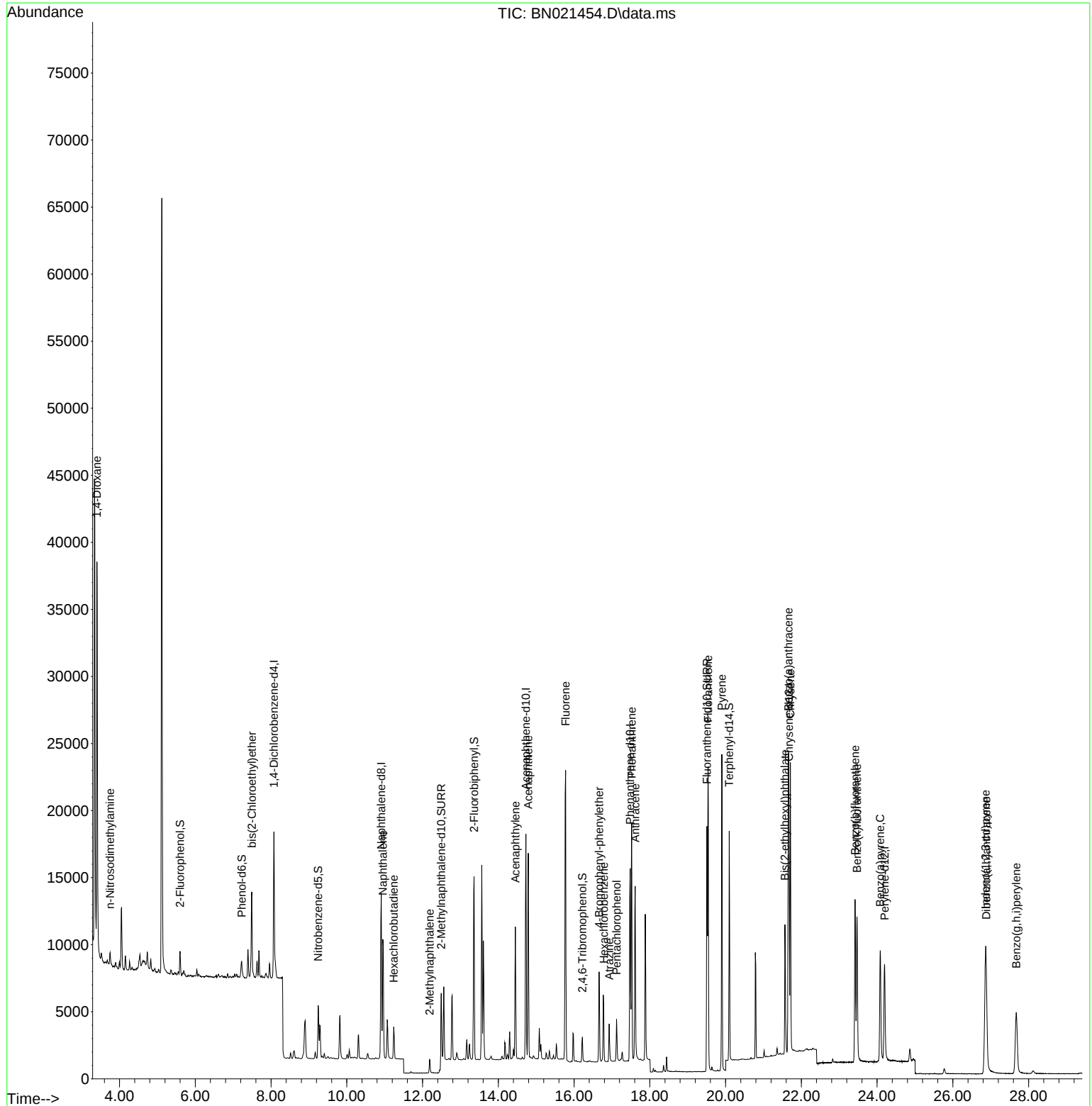
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083022\
Data File : BN021454.D
Acq On : 30 Aug 2022 13:40
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Quant Time: Aug 31 01:19:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
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APPROVED

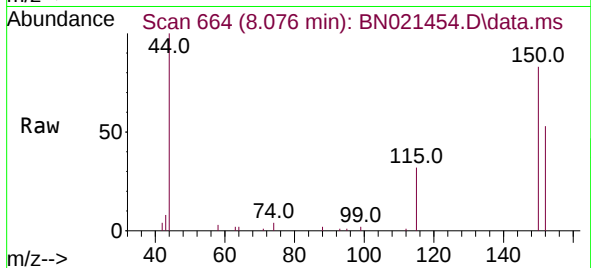
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.076 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BN021454.D
 Acq: 30 Aug 2022 13:40

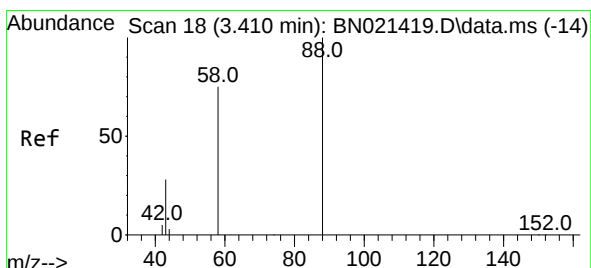
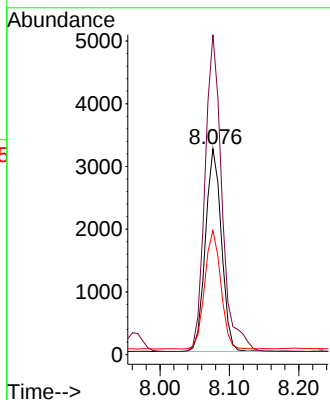
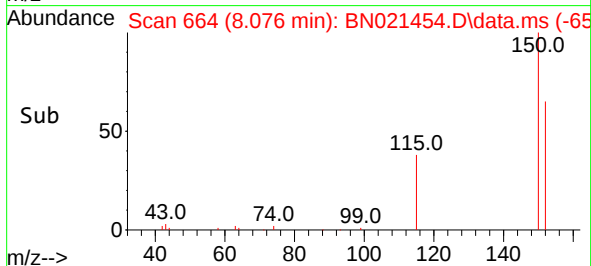
Instrument :
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 RE109D2-20220817MSD



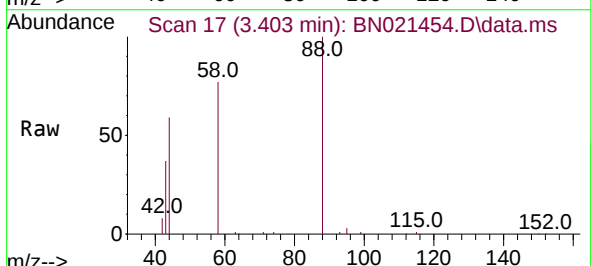
Tgt Ion:152 Resp: 518
 Ion Ratio Lower Upper
 152 100
 150 155.5 121.4 182.0
 115 60.3 48.6 72.8

Manual Integrations
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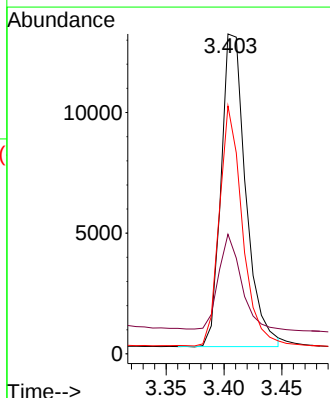
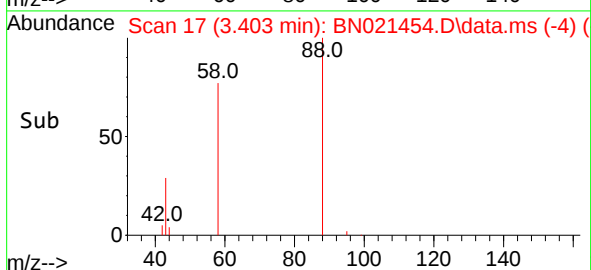
Reviewed By :Christian Giraldo 08/31/2022
 Supervised By :Jagrut Upadhyay 08/31/2022

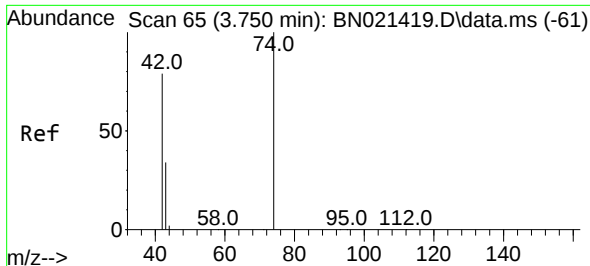


#2
 1,4-Dioxane
 Concen: 2.977 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.007 min
 Lab File: BN021454.D
 Acq: 30 Aug 2022 13:40



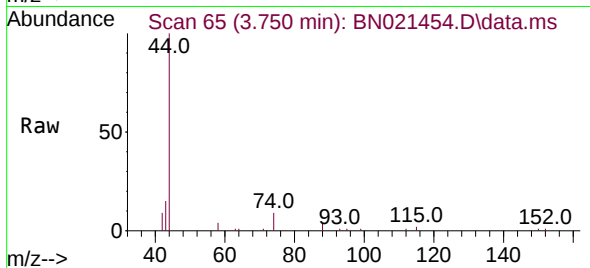
Tgt Ion: 88 Resp: 19293
 Ion Ratio Lower Upper
 88 100
 43 27.3 35.8 53.8
 58 71.0 57.1 85.7





#3
n-Nitrosodimethylamine
Concen: 0.098 ng
RT: 3.750 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

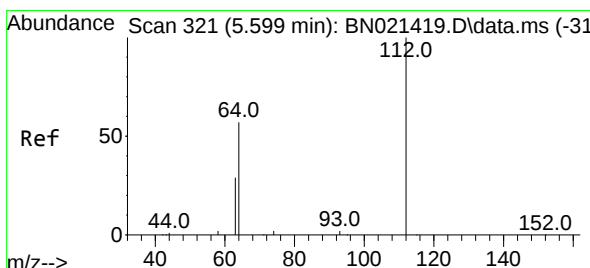
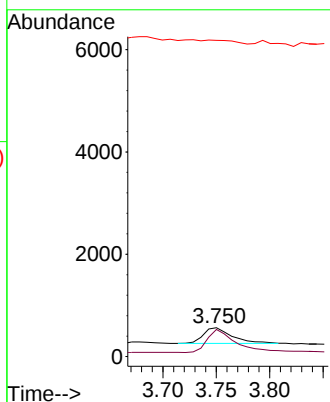
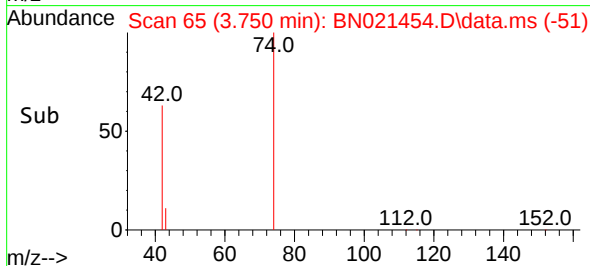
Instrument :
BNA_N
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RE109D2-20220817MSD



Tgt Ion: 42 Resp: 574
Ion Ratio Lower Upper
42 100
74 145.8 113.0 169.6
44 0.0 10.5 15.7

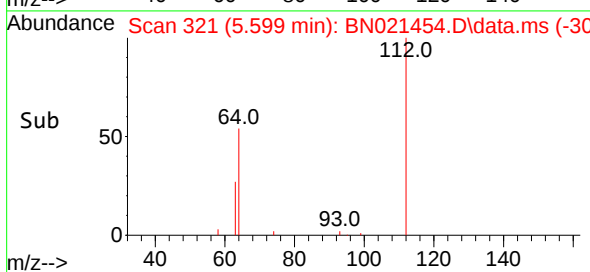
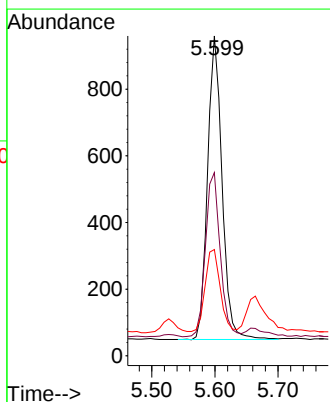
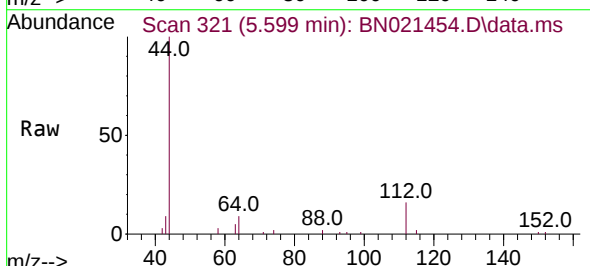
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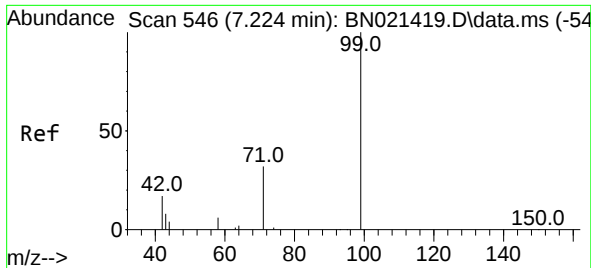
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.599 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

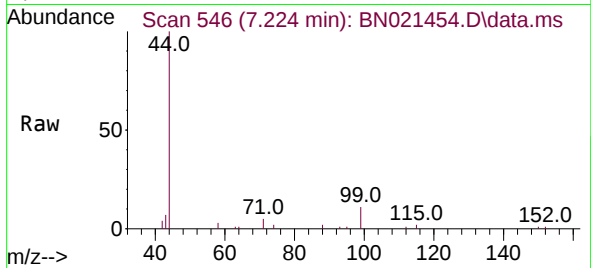
Tgt Ion:112 Resp: 1453
Ion Ratio Lower Upper
112 100
64 55.3 43.5 65.3
63 27.9 22.6 34.0





#5
Phenol-d6
Concen: 0.082 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

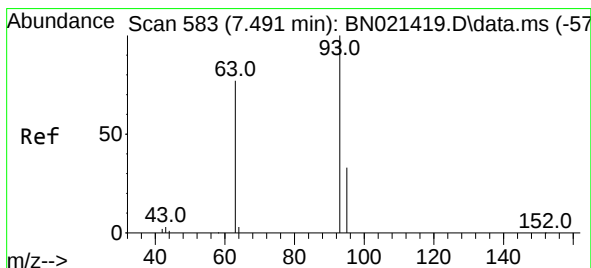
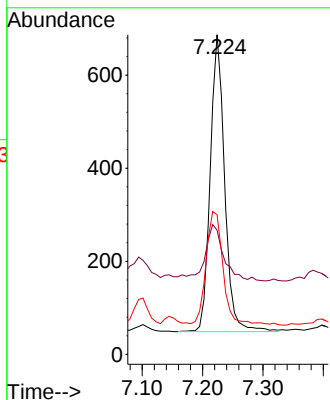
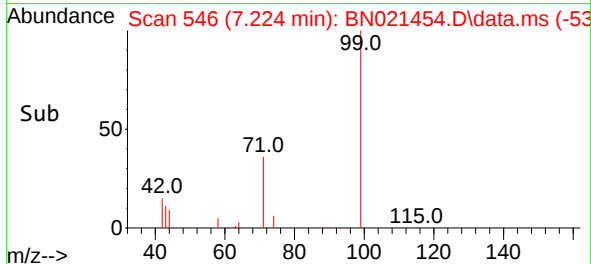
Instrument :
BNA_N
ClientSampleId :
RE109D2-20220817MSD



Tgt Ion: 99 Resp: 1060
Ion Ratio Lower Upper
99 100
42 24.9 15.5 23.3
71 45.6 24.2 36.2

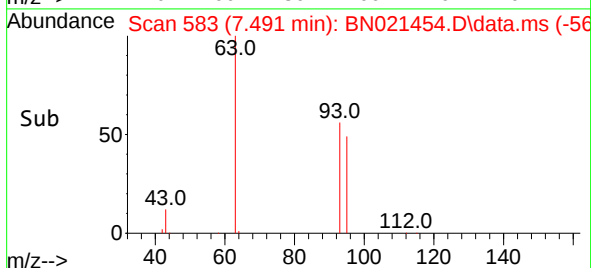
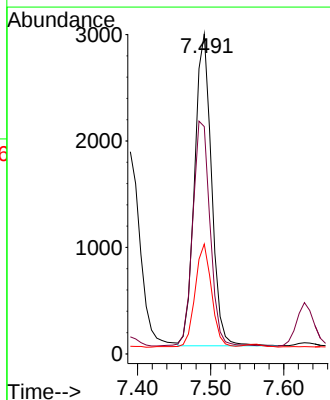
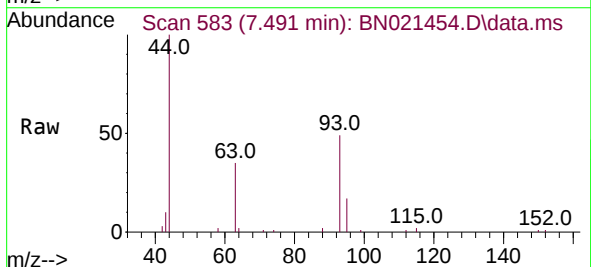
Manual Integrations
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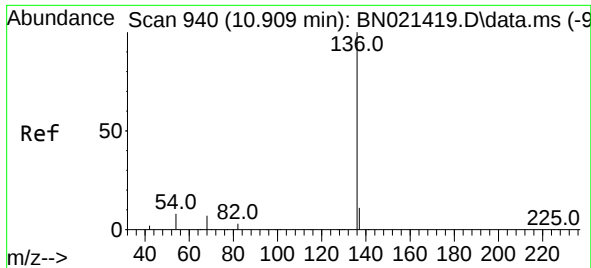
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#6
bis(2-Chloroethyl)ether
Concen: 0.289 ng
RT: 7.491 min Scan# 583
Delta R.T. 0.000 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

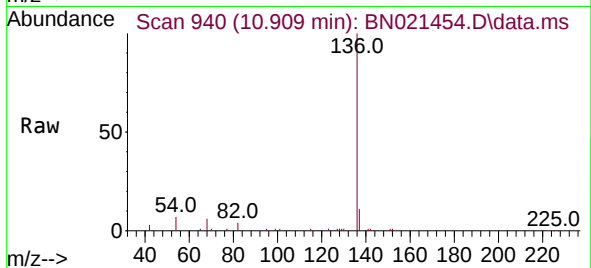
Tgt Ion: 93 Resp: 4702
Ion Ratio Lower Upper
93 100
63 74.3 57.8 86.8
95 32.6 25.9 38.9





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

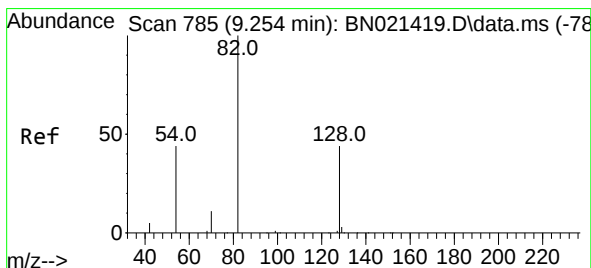
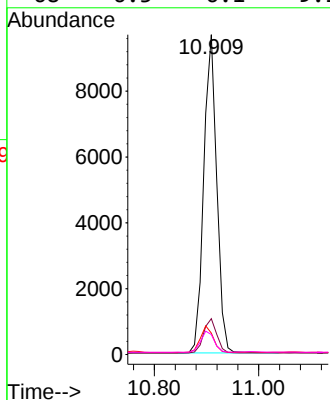
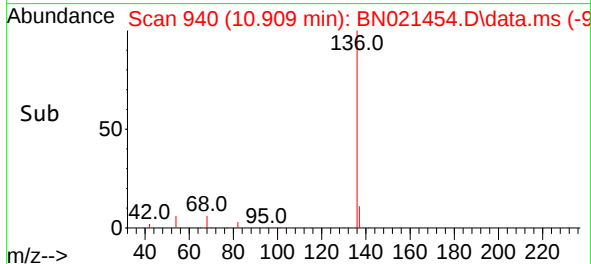
Instrument :
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Tgt Ion:	136	Resp:	16719
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	6.7	6.9	10.3
68	6.3	6.1	9.1

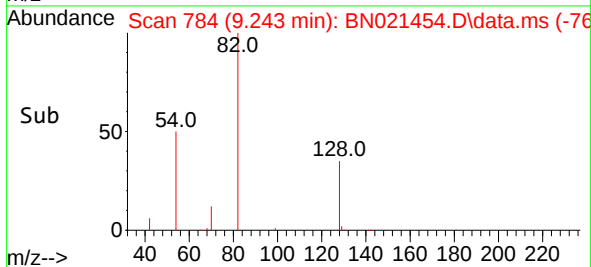
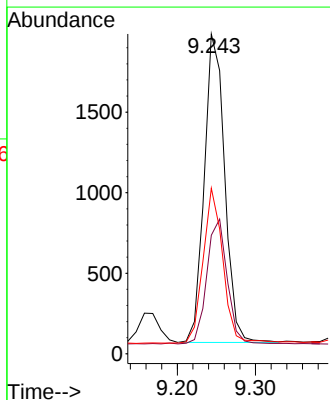
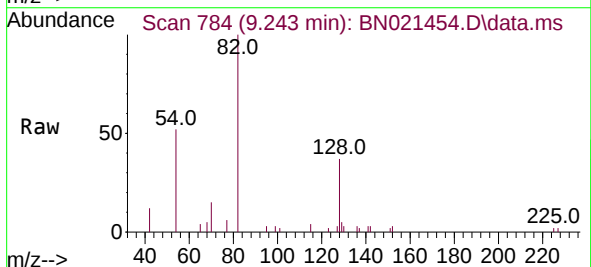
Manual Integrations
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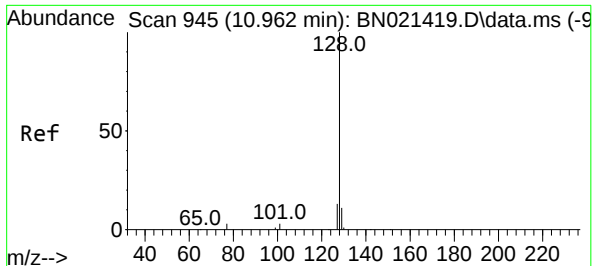
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 9.243 min Scan# 784
Delta R.T. -0.011 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

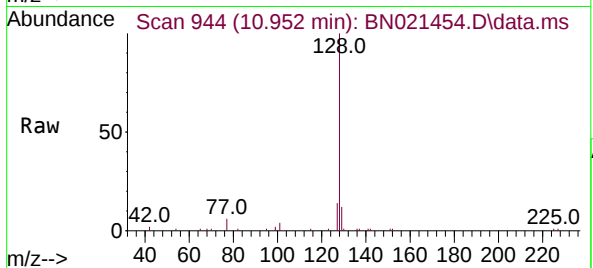
Tgt Ion:	82	Resp:	3470
Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.9	46.3
54	51.8	42.7	64.1





#9
Naphthalene
Concen: 0.250 ng
RT: 10.952 min Scan# 945
Delta R.T. -0.011 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

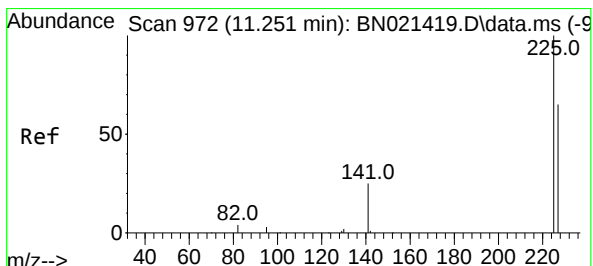
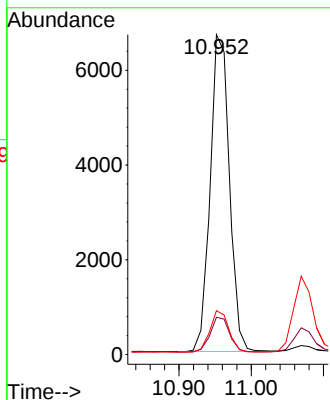
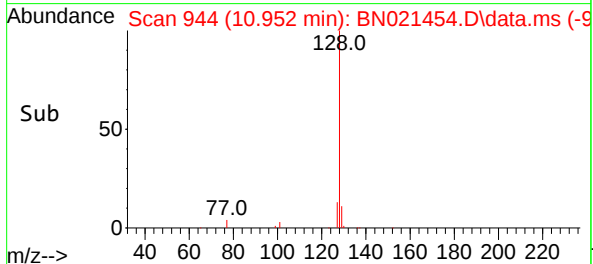
Instrument :
BNA_N
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RE109D2-20220817MSD



Tgt Ion:128 Resp: 12405
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.7 11.0 16.4

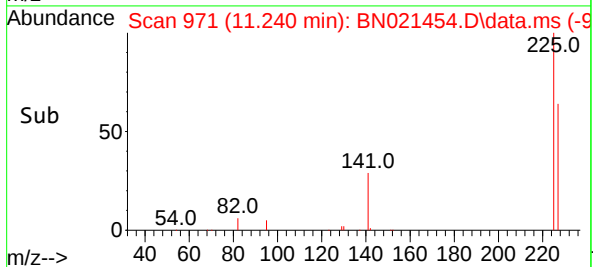
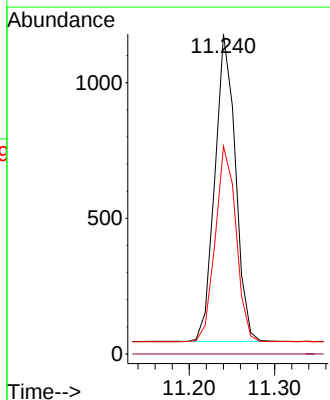
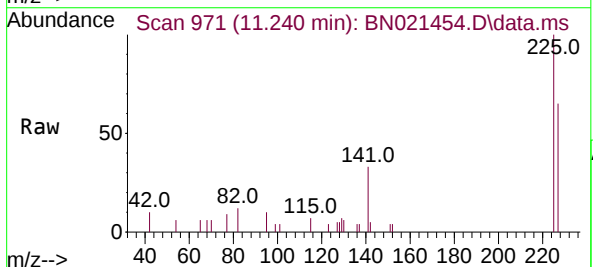
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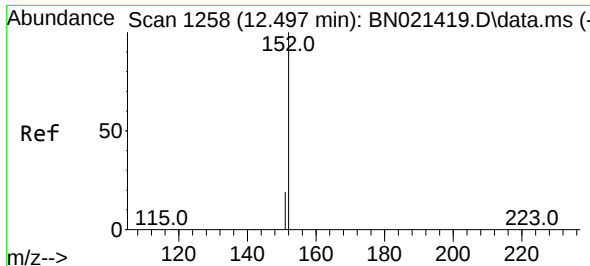
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#10
Hexachlorobutadiene
Concen: 0.222 ng
RT: 11.240 min Scan# 971
Delta R.T. -0.011 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

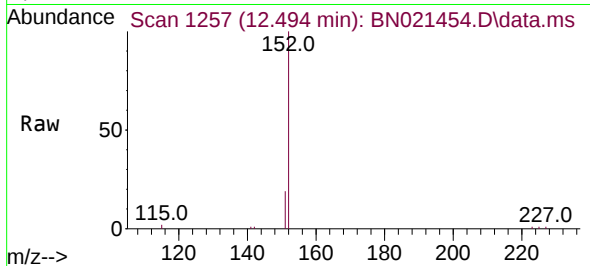
Tgt Ion:225 Resp: 1900
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.3 51.2 76.8





#11
2-Methylnaphthalene-d10
Concen: 0.295 ng m
RT: 12.494 min Scan# 1110
Delta R.T. -0.003 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

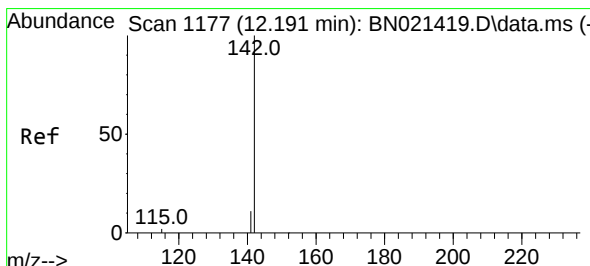
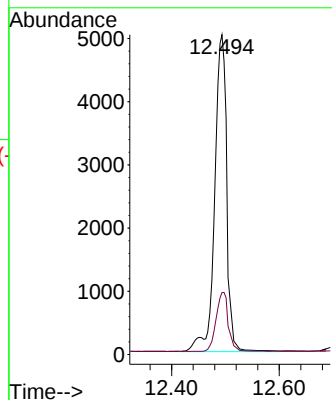
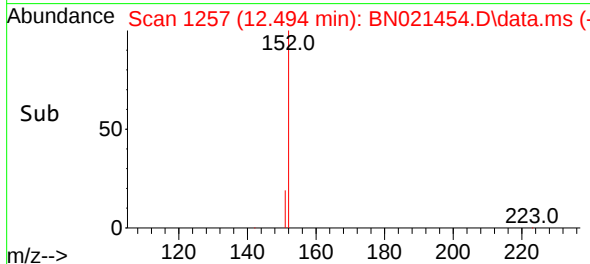
Instrument :
BNA_N
ClientSampleId :
RE109D2-20220817MSD



Tgt Ion:152 Resp: 11100
Ion Ratio Lower Upper
152 100
151 21.5 14.5 21.7

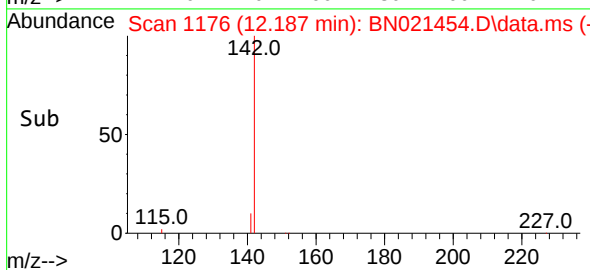
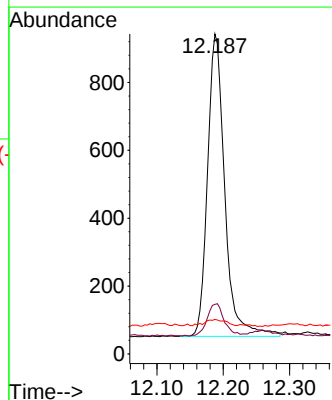
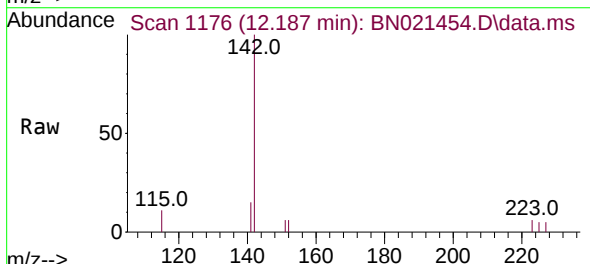
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#12
2-Methylnaphthalene
Concen: 0.321 ng
RT: 12.187 min Scan# 1176
Delta R.T. -0.004 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

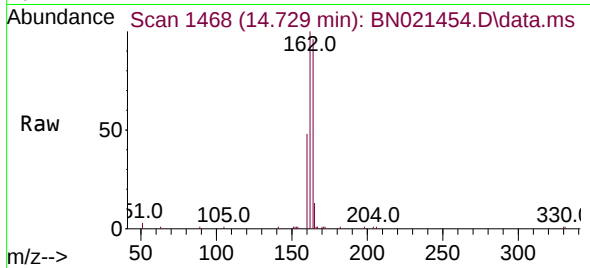
Tgt Ion:142 Resp: 1605
Ion Ratio Lower Upper
142 100
141 15.5 12.2 18.2
115 10.8 7.9 11.9





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.729 min Scan# 1468
Delta R.T. 0.001 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

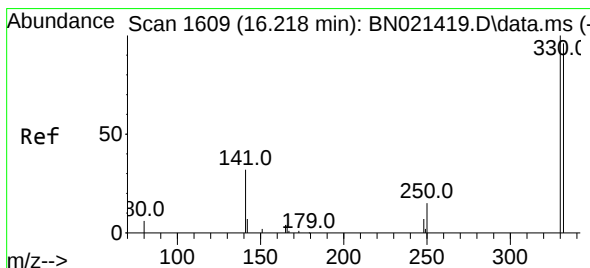
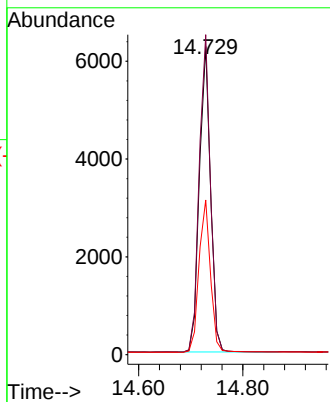
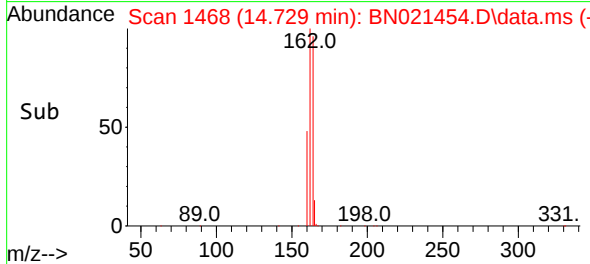
Instrument :
BNA_N
ClientSampleId :
RE109D2-20220817MSD



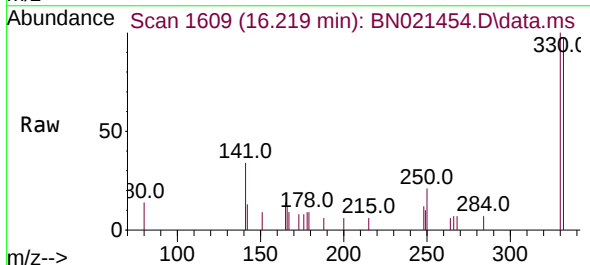
Tgt Ion:164 Resp: 9304
Ion Ratio Lower Upper
164 100
162 103.9 82.2 123.4
160 50.2 39.5 59.3

Manual Integrations
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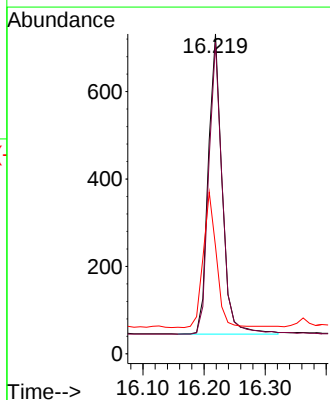
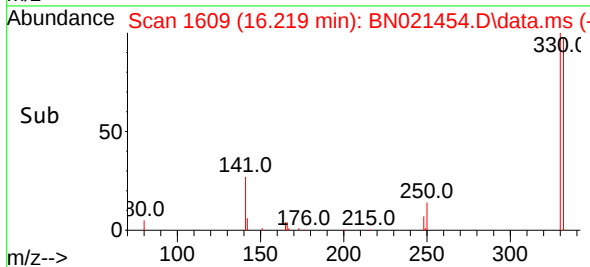
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

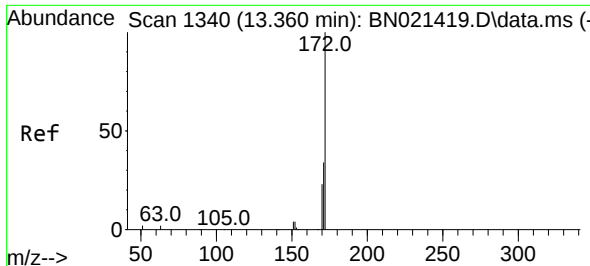


#14
2,4,6-Tribromophenol
Concen: 0.355 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.001 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40



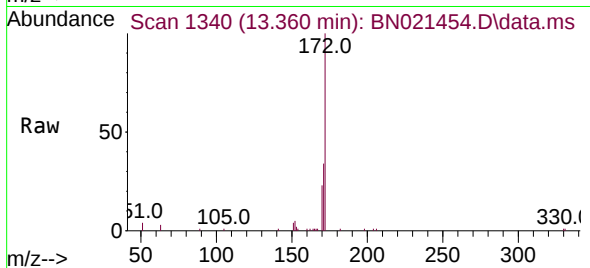
Tgt Ion:330 Resp: 1084
Ion Ratio Lower Upper
330 100
332 95.3 79.3 118.9
141 43.1 37.1 55.7





#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 13.360 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

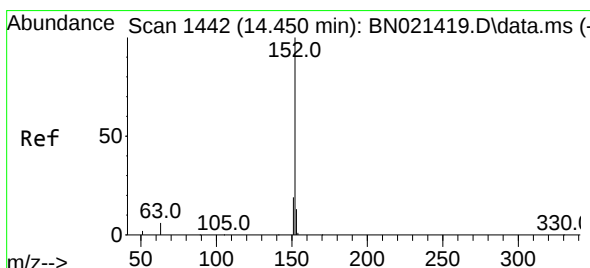
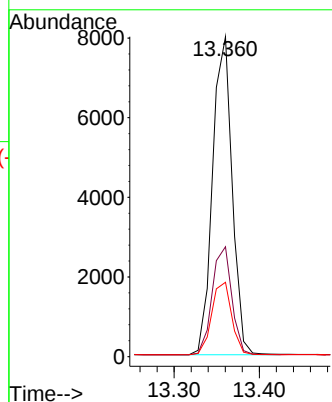
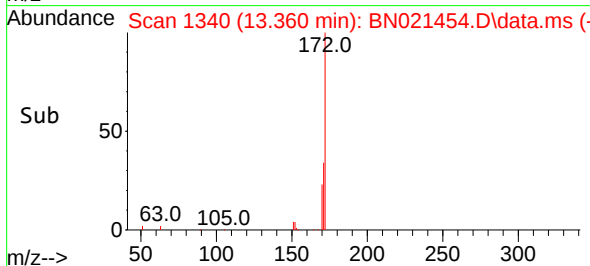
Instrument :
BNA_N
ClientSampleId :
RE109D2-20220817MSD



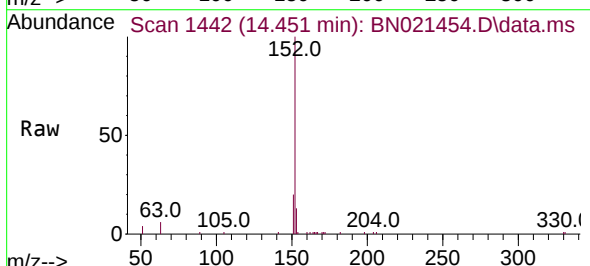
Tgt Ion:172 Resp: 12752
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 23.2 18.6 28.0

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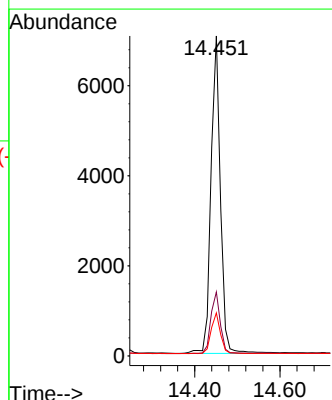
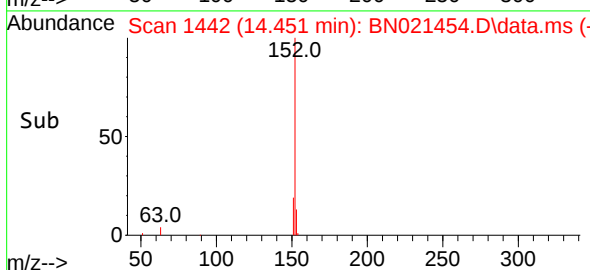
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

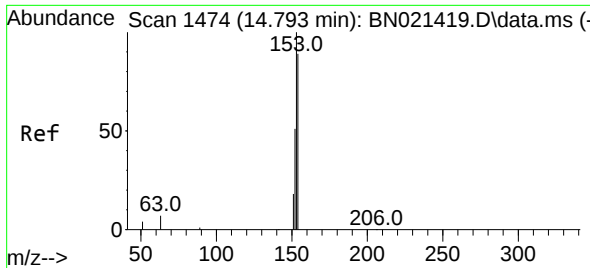


#16
Acenaphthylene
Concen: 0.247 ng
RT: 14.451 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40



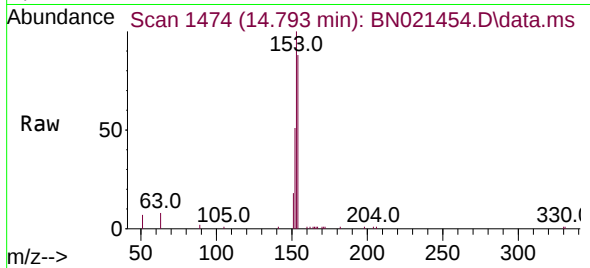
Tgt Ion:152 Resp: 10799
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2
153 12.9 10.3 15.5





#17
Acenaphthene
Concen: 0.252 ng
RT: 14.793 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

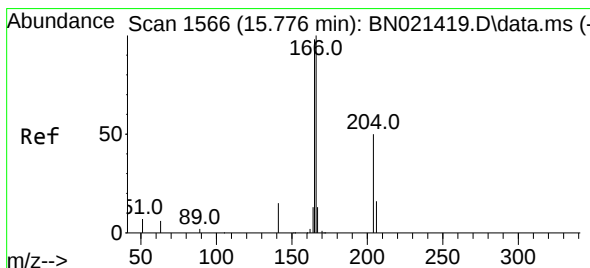
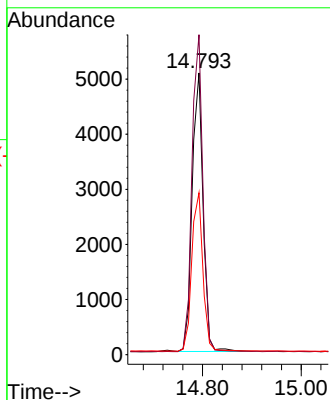
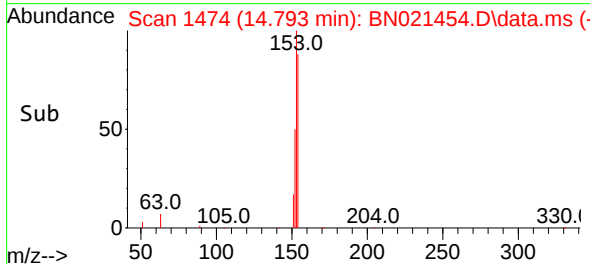
Instrument :
BNA_N
ClientSampleId :
RE109D2-20220817MSD



Tgt Ion:154 Resp: 775
Ion Ratio Lower Upper
154 100
153 113.7 89.5 134.3
152 57.9 45.5 68.3

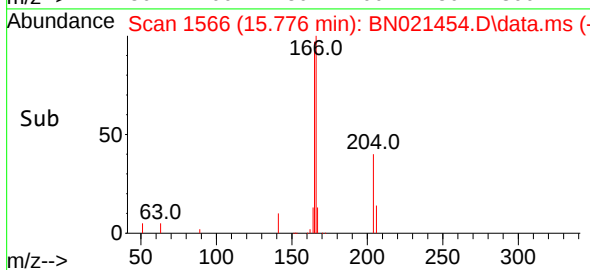
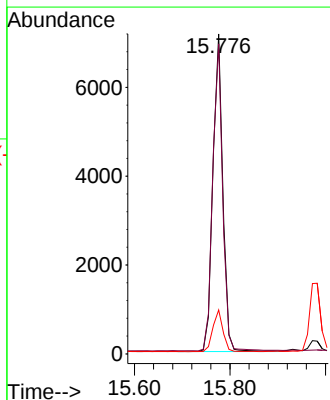
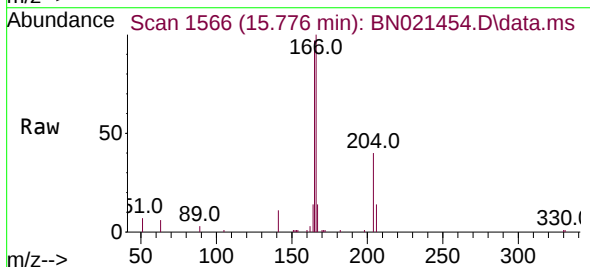
Manual Integrations
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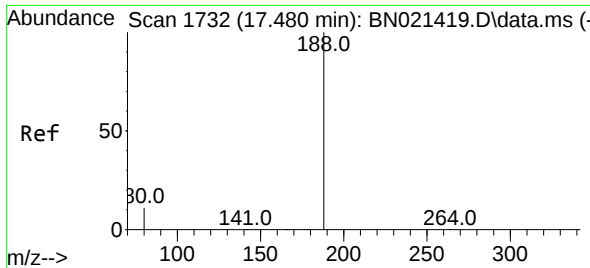
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#18
Fluorene
Concen: 0.265 ng
RT: 15.776 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

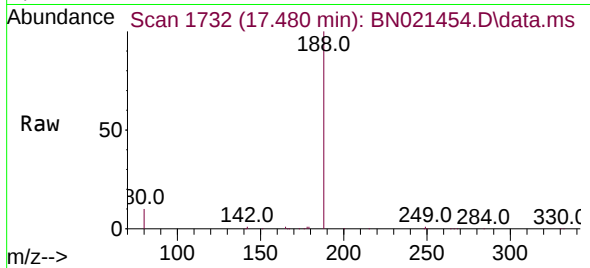
Tgt Ion:166 Resp: 10067
Ion Ratio Lower Upper
166 100
165 96.9 78.7 118.1
167 13.5 10.6 16.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

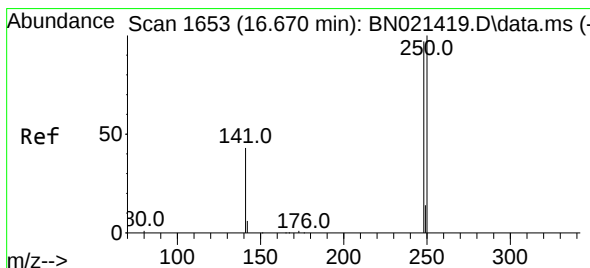
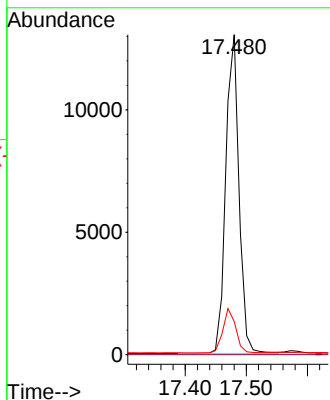
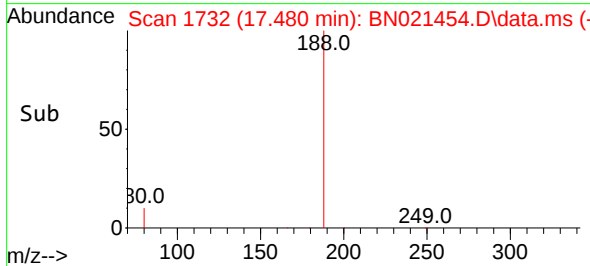
Instrument :
BNA_N
ClientSampleId :
RE109D2-20220817MSD



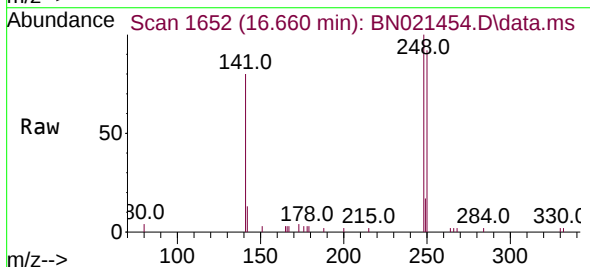
Tgt Ion:188 Resp: 19594
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 9.5 14.3

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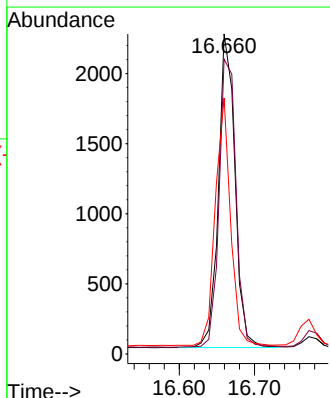
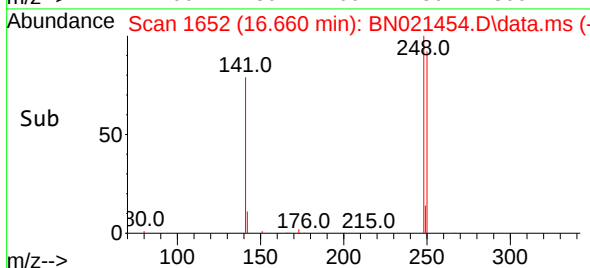
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

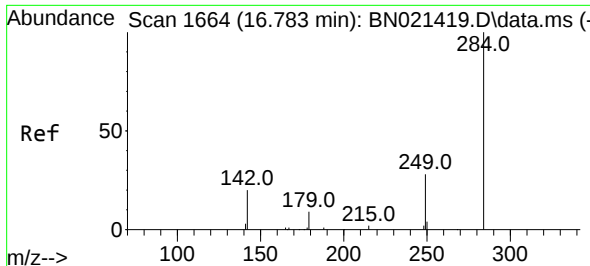


#21
4-Bromophenyl-phenylether
Concen: 0.279 ng
RT: 16.660 min Scan# 1652
Delta R.T. -0.010 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40



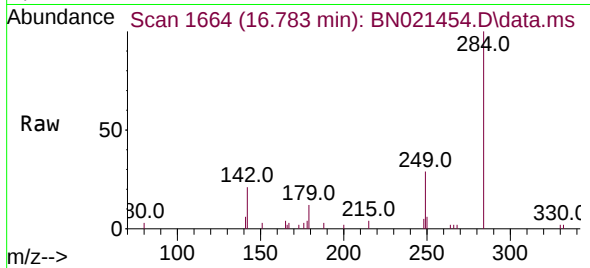
Tgt Ion:248 Resp: 3418
Ion Ratio Lower Upper
248 100
250 92.1 81.8 122.6
141 80.0 38.5 57.7#





#22
Hexachlorobenzene
Concen: 0.249 ng
RT: 16.783 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

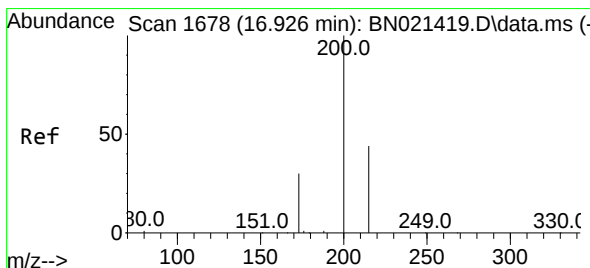
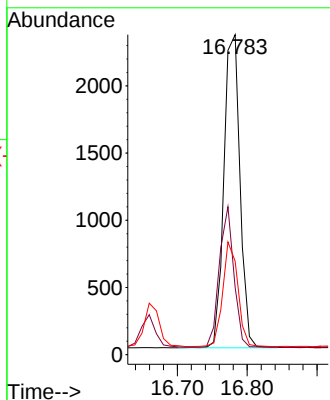
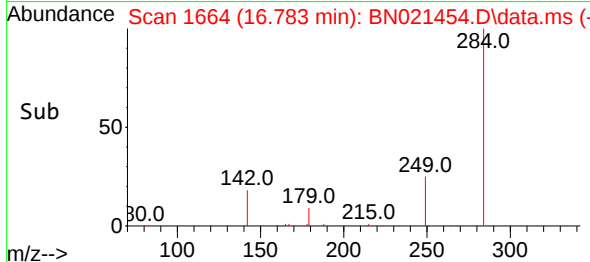
Instrument :
BNA_N
ClientSampleId :
RE109D2-20220817MSD



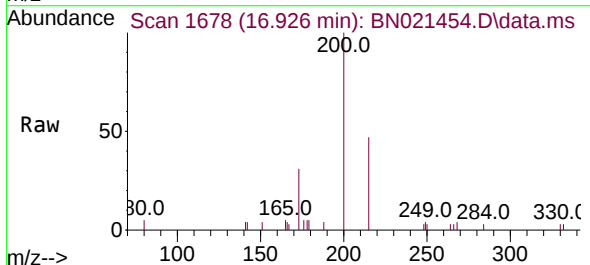
Tgt Ion:284 Resp: 3726
Ion Ratio Lower Upper
284 100
142 40.5 32.3 48.5
249 31.4 25.4 38.2

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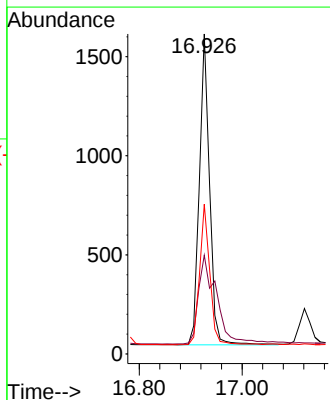
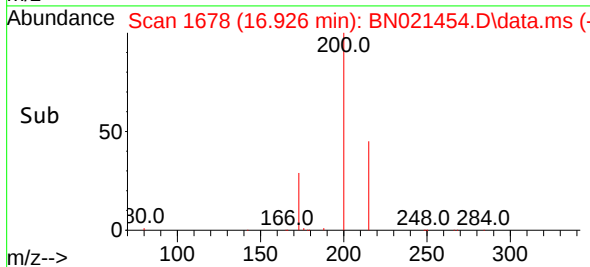
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

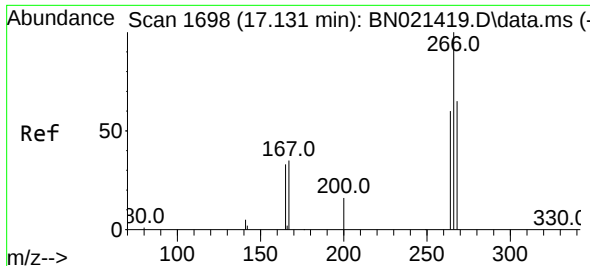


#23
Atrazine
Concen: 0.302 ng
RT: 16.926 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40



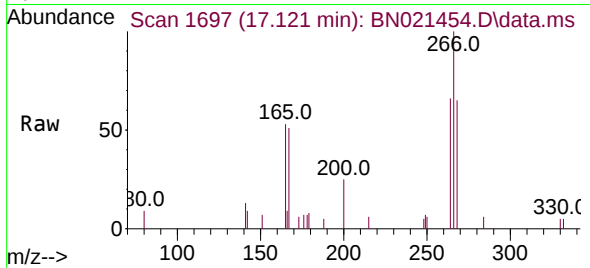
Tgt Ion:200 Resp: 2159
Ion Ratio Lower Upper
200 100
173 30.8 24.3 36.5
215 46.8 38.4 57.6





#24
Pentachlorophenol
Concen: 0.548 ng
RT: 17.121 min Scan# 1697
Delta R.T. -0.010 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

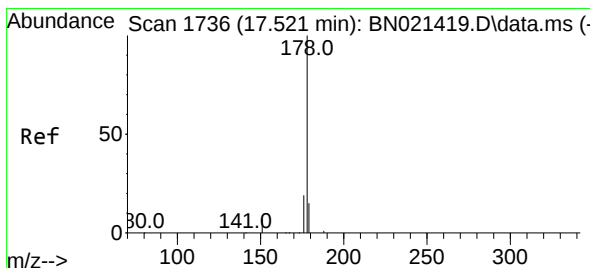
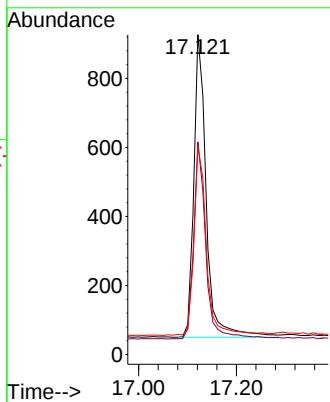
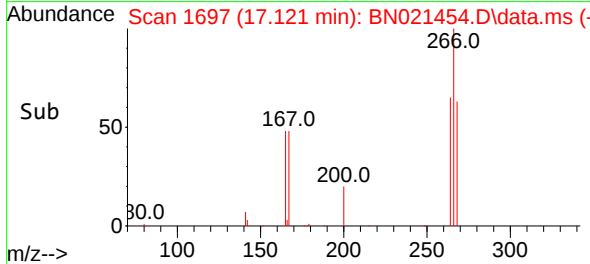
Instrument :
BNA_N
ClientSampleId :
RE109D2-20220817MSD



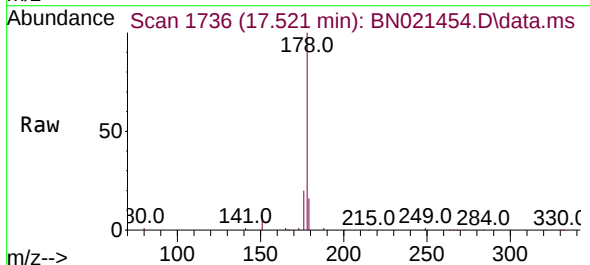
Tgt Ion:266 Resp: 1558
Ion Ratio Lower Upper
266 100
264 63.4 49.0 73.6
268 63.3 50.9 76.3

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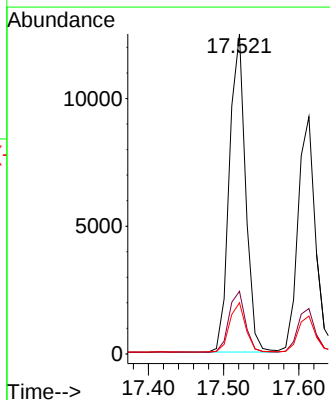
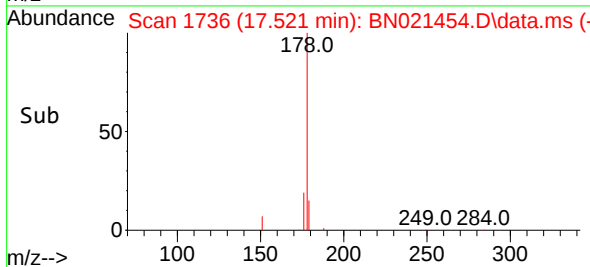
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

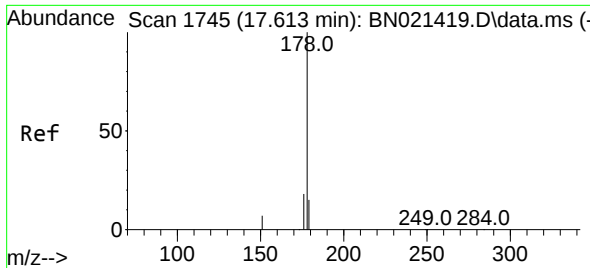


#25
Phenanthrene
Concen: 0.276 ng
RT: 17.521 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40



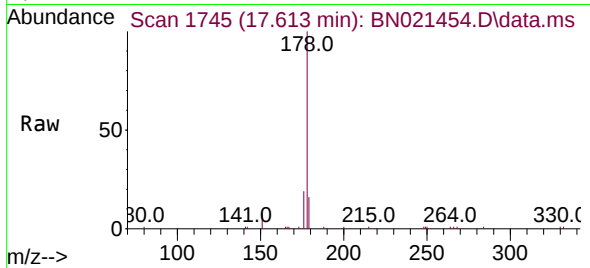
Tgt Ion:178 Resp: 18687
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.4 12.2 18.4





#26
 Anthracene
 Concen: 0.282 ng
 RT: 17.613 min Scan# 1745
 Delta R.T. 0.000 min
 Lab File: BN021454.D
 Acq: 30 Aug 2022 13:40

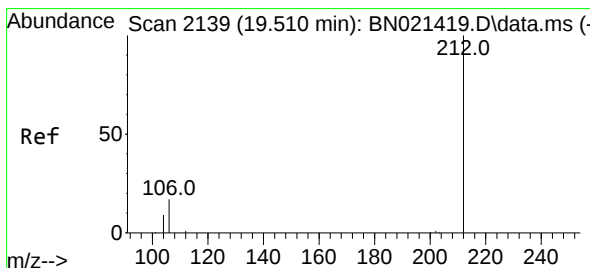
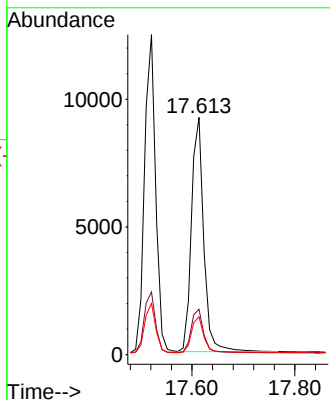
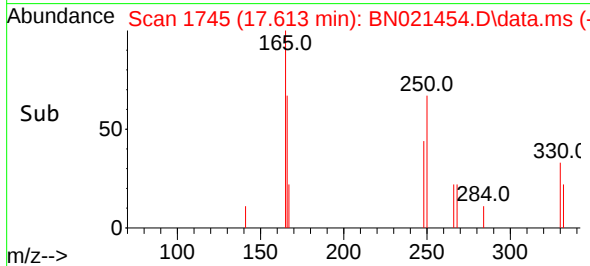
Instrument :
 BNA_N
 ClientSampleId :
 RE109D2-20220817MSD



Tgt Ion:178 Resp: 15166
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.6 22.0
 179 15.3 12.2 18.2

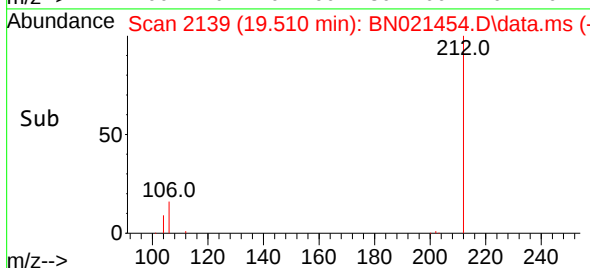
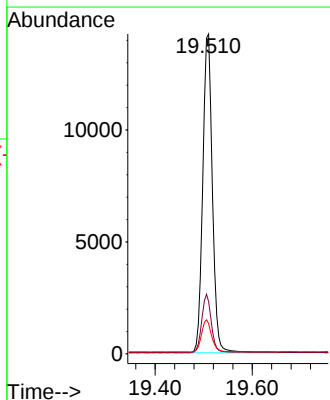
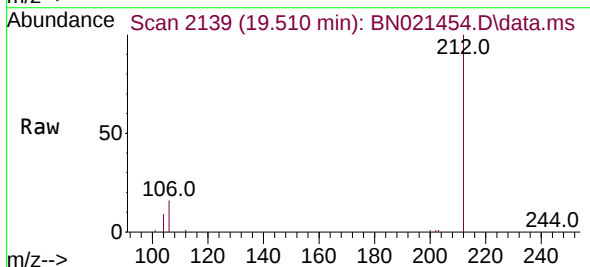
Manual Integrations
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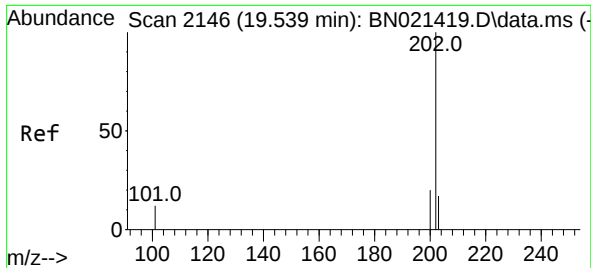
Reviewed By :Christian Giraldo 08/31/2022
 Supervised By :Jagrut Upadhyay 08/31/2022



#27
 Fluoranthene-d10
 Concen: 0.389 ng
 RT: 19.510 min Scan# 2139
 Delta R.T. 0.000 min
 Lab File: BN021454.D
 Acq: 30 Aug 2022 13:40

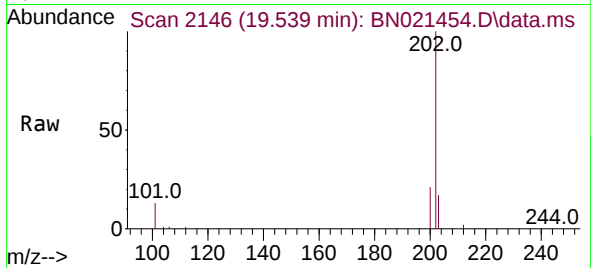
Tgt Ion:212 Resp: 19603
 Ion Ratio Lower Upper
 212 100
 106 18.0 14.2 21.2
 104 10.5 7.8 11.6





#28
Fluoranthene
Concen: 0.300 ng
RT: 19.539 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

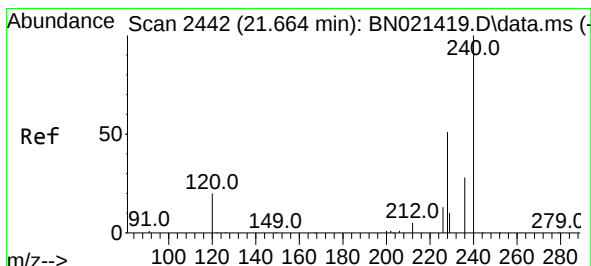
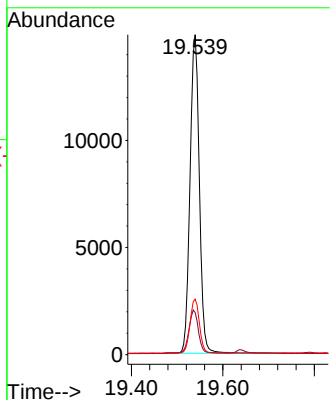
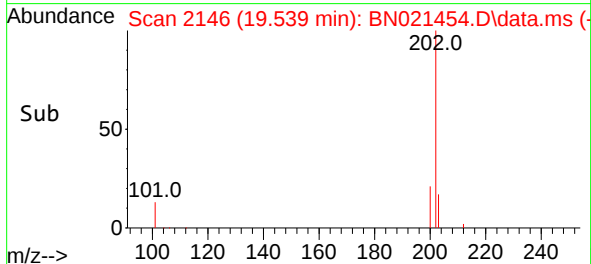
Instrument :
BNA_N
ClientSampleId :
RE109D2-20220817MSD



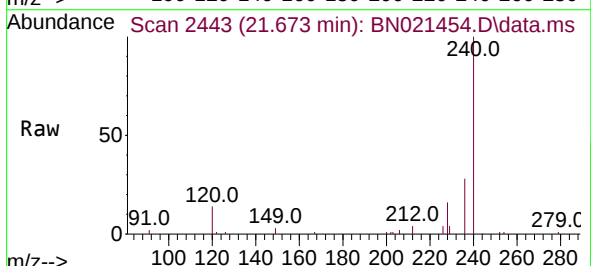
Tgt Ion:202 Resp: 21086
Ion Ratio Lower Upper
202 100
101 14.0 10.9 16.3
203 17.0 13.8 20.6

Manual Integrations
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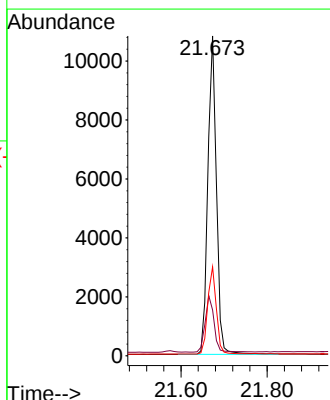
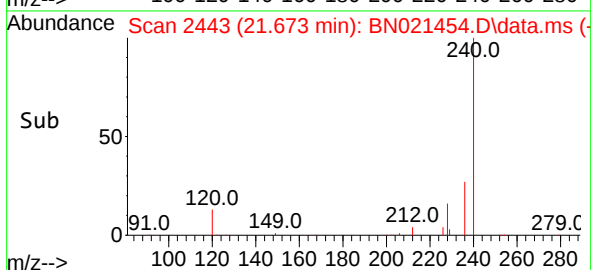
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

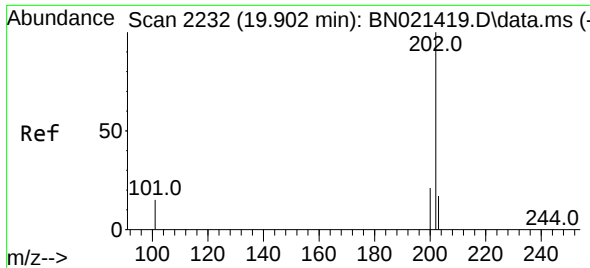


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2443
Delta R.T. 0.009 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40



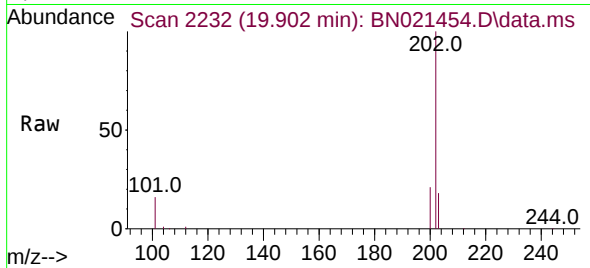
Tgt Ion:240 Resp: 14939
Ion Ratio Lower Upper
240 100
120 14.3 10.2 15.4
236 27.8 22.1 33.1





#30
Pyrene
Concen: 0.302 ng
RT: 19.902 min Scan# 2232
Delta R.T. 0.000 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

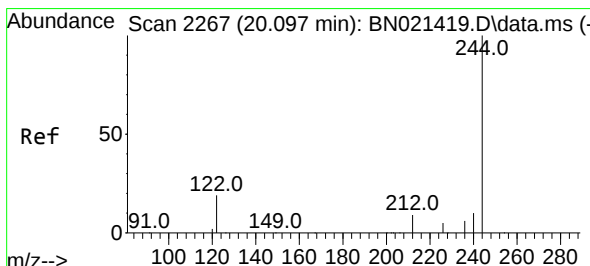
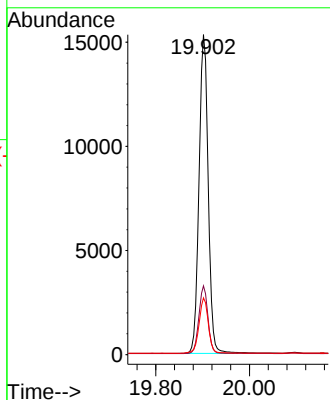
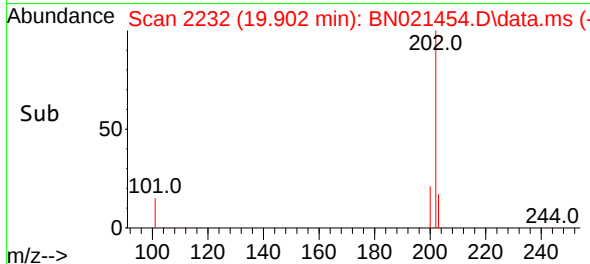
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:202 Resp: 24039
Ion Ratio Lower Upper
202 100
200 18.2 13.9 20.9
203 15.2 11.9 17.9

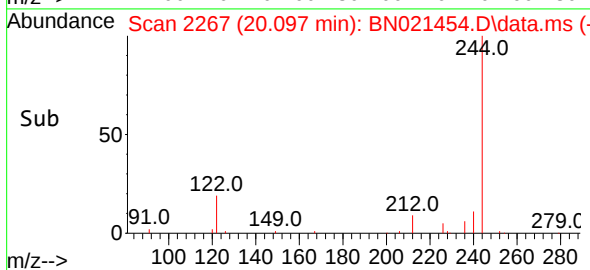
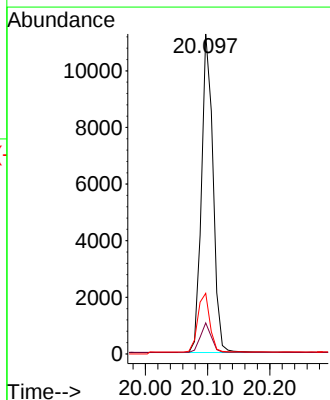
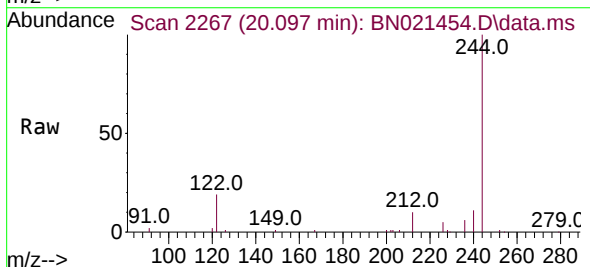
Manual Integrations
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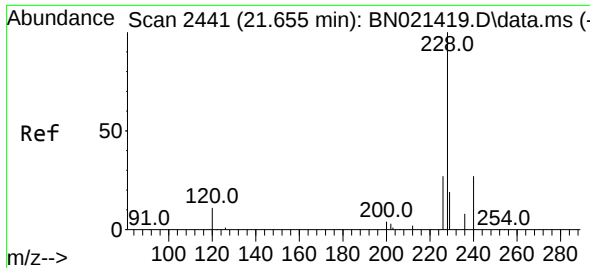
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#31
Terphenyl-d14
Concen: 0.432 ng
RT: 20.097 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

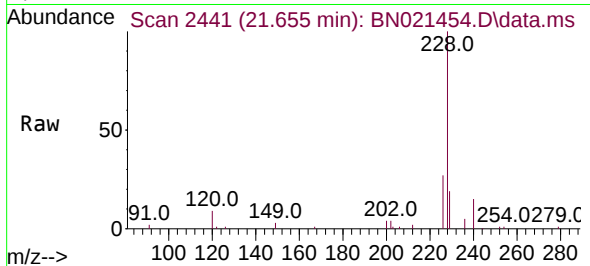
Tgt Ion:244 Resp: 14517
Ion Ratio Lower Upper
244 100
212 9.7 6.5 9.7
122 18.9 9.1 13.7#





#32
Benzo(a)anthracene
Concen: 0.313 ng
RT: 21.655 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

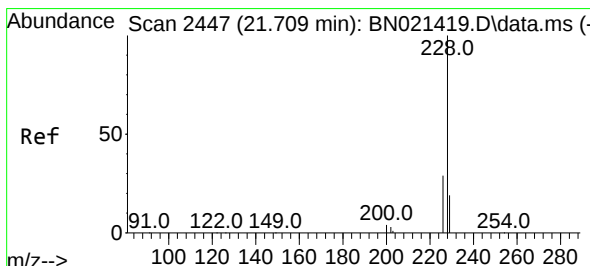
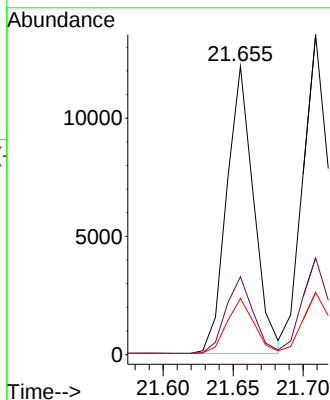
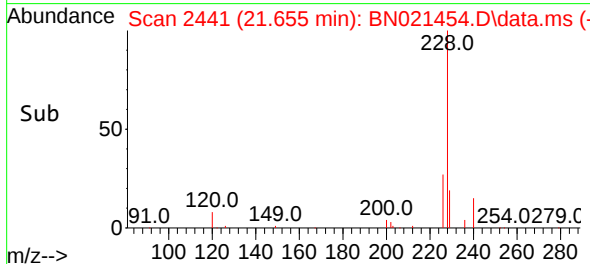
Instrument :
BNA_N
ClientSampleId :
RE109D2-20220817MSD



Tgt Ion:228 Resp: 16272
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 19.5 15.9 23.9

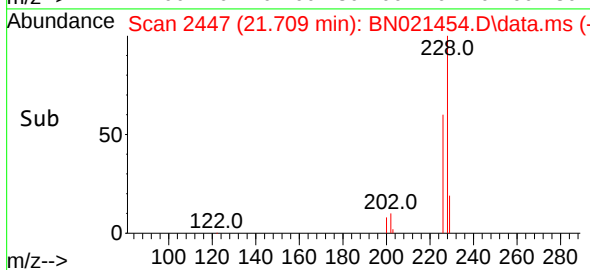
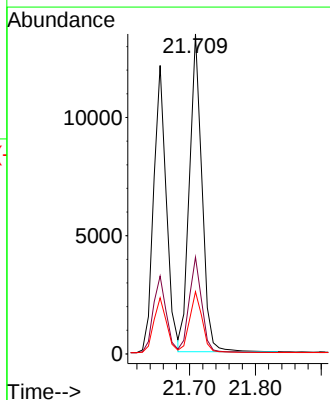
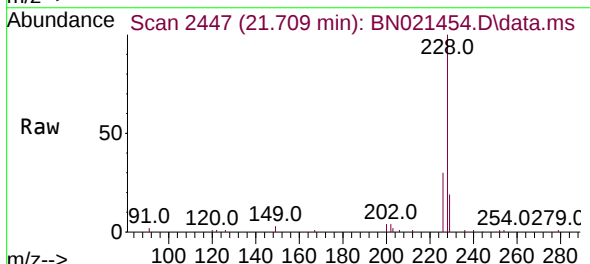
Manual Integrations
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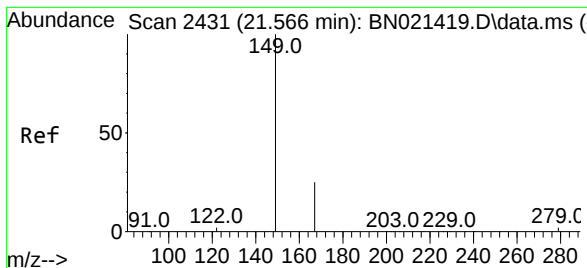
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#33
Chrysene
Concen: 0.287 ng
RT: 21.709 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

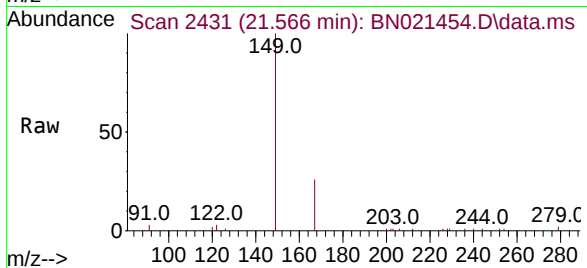
Tgt Ion:228 Resp: 17799
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.5 15.9 23.9





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.427 ng
RT: 21.566 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

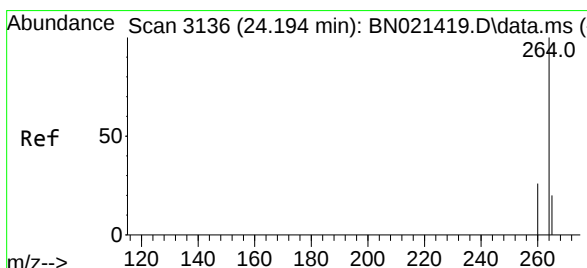
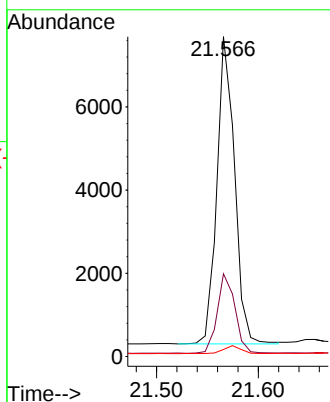
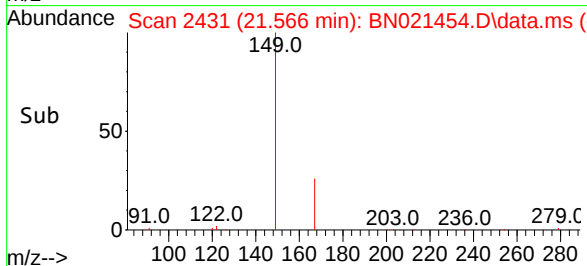
Instrument :
BNA_N
ClientSampleId :
RE109D2-20220817MSD



Tgt Ion:149 Resp: 8946
Ion Ratio Lower Upper
149 100
167 26.0 21.4 32.0
279 2.7 2.2 3.2

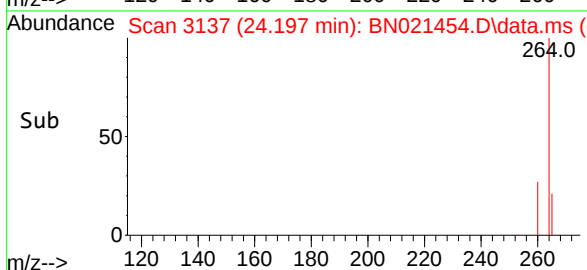
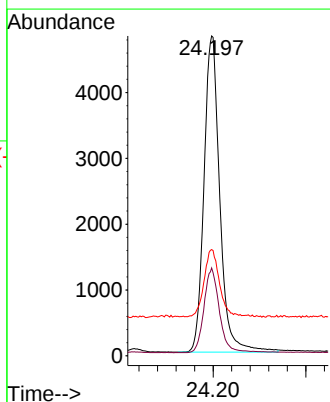
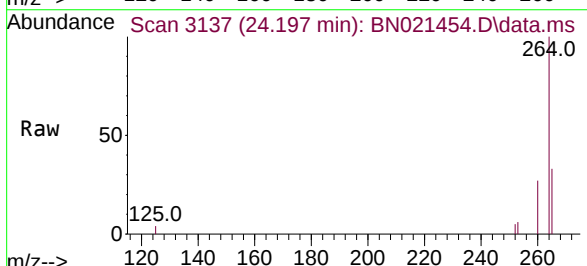
Manual Integrations
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Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.197 min Scan# 3137
Delta R.T. 0.003 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

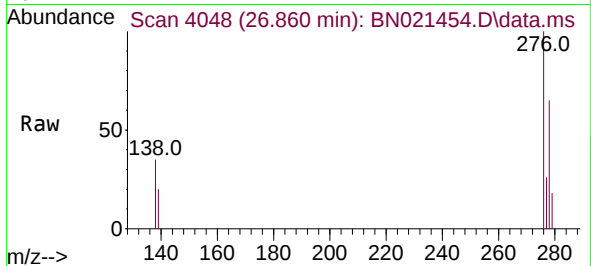
Tgt Ion:264 Resp: 11382
Ion Ratio Lower Upper
264 100
260 27.5 21.0 31.6
265 33.2 32.2 48.2





#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.259 ng
 RT: 26.860 min Scan# 4044
 Delta R.T. 0.012 min
 Lab File: BN021454.D
 Acq: 30 Aug 2022 13:40

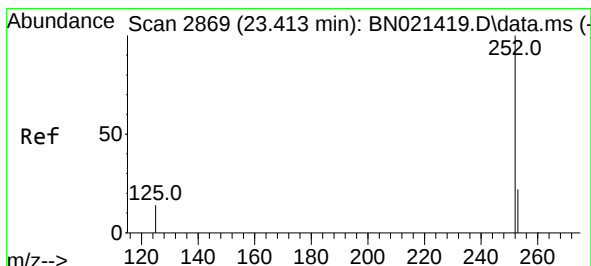
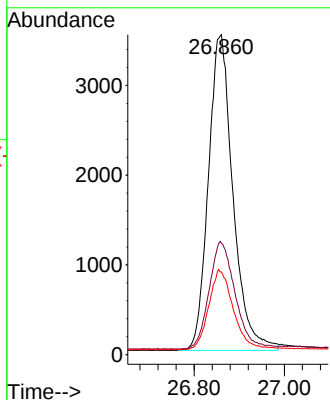
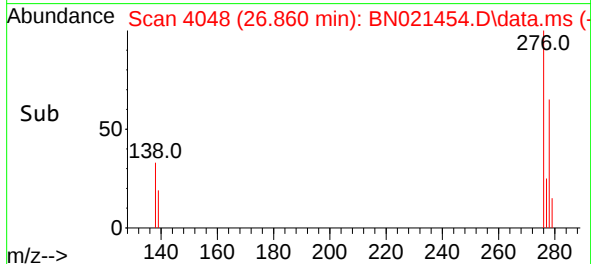
Instrument :
 BNA_N
 ClientSampleId :
 RE109D2-20220817MSD



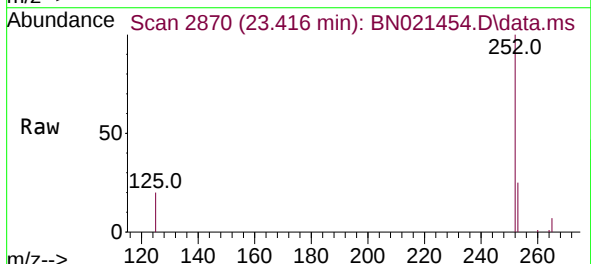
Tgt Ion: 276 Resp: 13308
 Ion Ratio Lower Upper
 276 100
 138 36.1 27.4 41.2
 277 25.1 19.9 29.9

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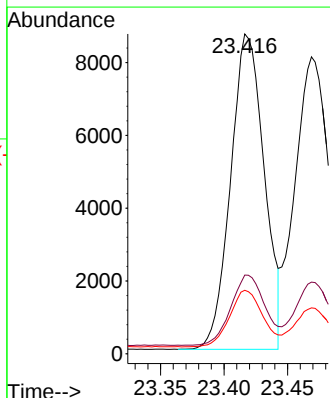
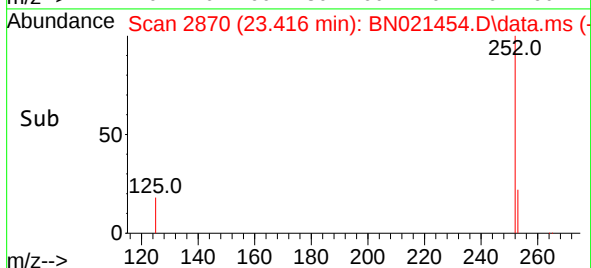
Reviewed By : Christian Giraldo 08/31/2022
 Supervised By : Jagrut Upadhyay 08/31/2022

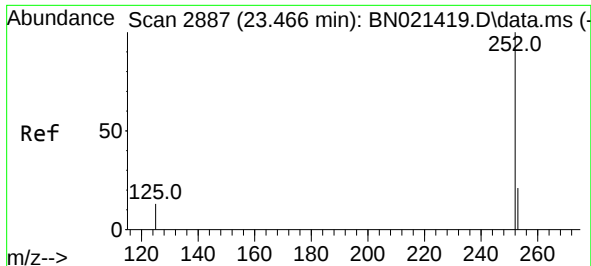


#37
 Benzo(b)fluoranthene
 Concen: 0.284 ng
 RT: 23.416 min Scan# 2870
 Delta R.T. 0.003 min
 Lab File: BN021454.D
 Acq: 30 Aug 2022 13:40



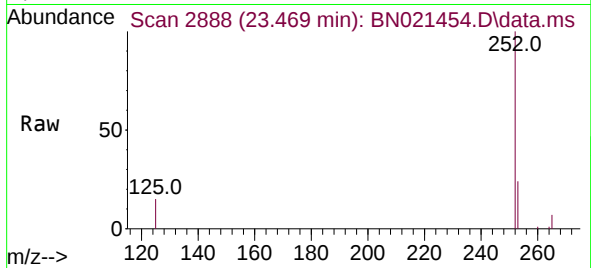
Tgt Ion: 252 Resp: 15935
 Ion Ratio Lower Upper
 252 100
 253 24.6 19.8 29.6
 125 19.9 13.7 20.5





#38
Benzo(k)fluoranthene
Concen: 0.282 ng m
RT: 23.469 min Scan# 2887
Delta R.T. 0.003 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

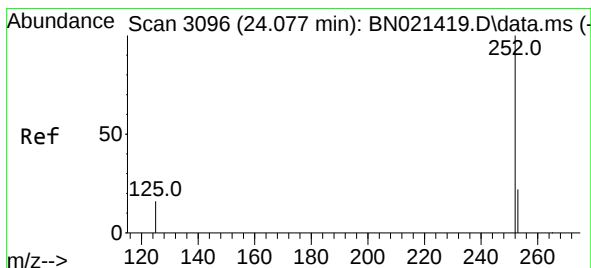
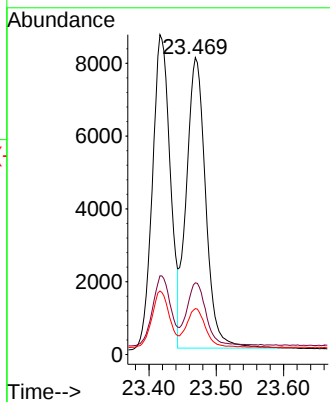
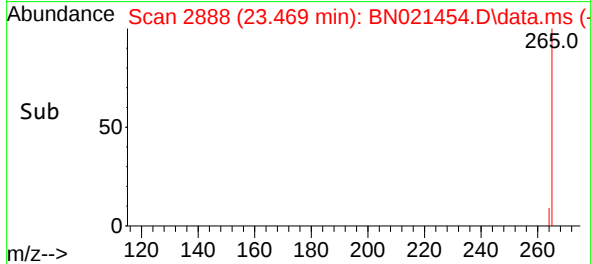
Instrument :
BNA_N
ClientSampleId :
RE109D2-20220817MSD



Tgt Ion:252 Resp: 15914
Ion Ratio Lower Upper
252 100
253 24.2 19.5 29.3
125 15.5 12.3 18.5

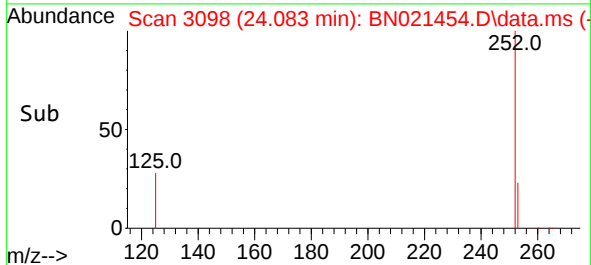
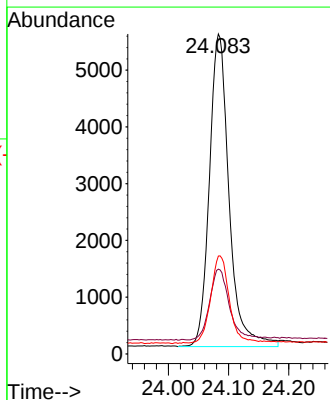
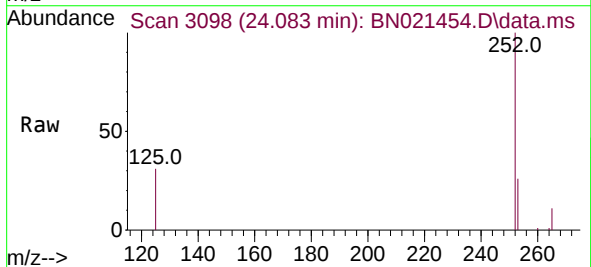
Manual Integrations
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Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#39
Benzo(a)pyrene
Concen: 0.321 ng
RT: 24.083 min Scan# 3098
Delta R.T. 0.006 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

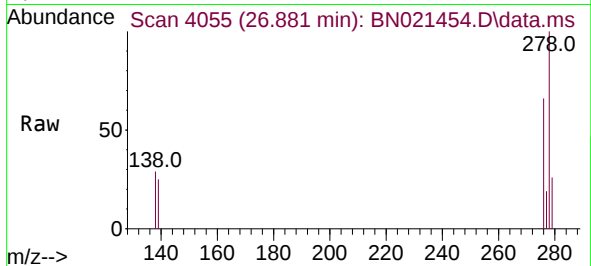
Tgt Ion:252 Resp: 12559
Ion Ratio Lower Upper
252 100
253 26.5 21.1 31.7
125 30.6 16.6 25.0#





#40
Dibenzo(a,h)anthracene
Concen: 0.277 ng
RT: 26.881 min Scan# 4055
Delta R.T. 0.006 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40

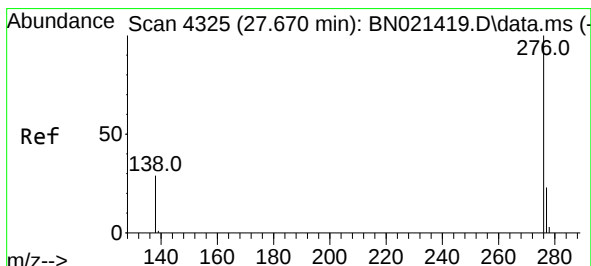
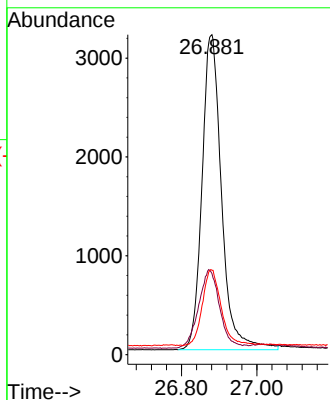
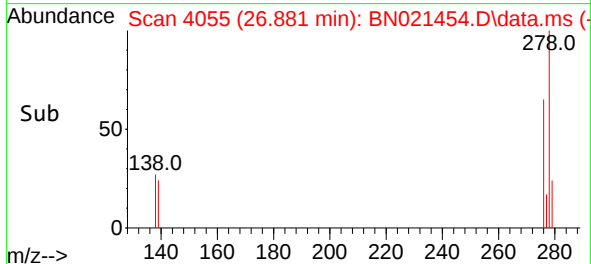
Instrument :
BNA_N
ClientSampleId :
RE109D2-20220817MSD



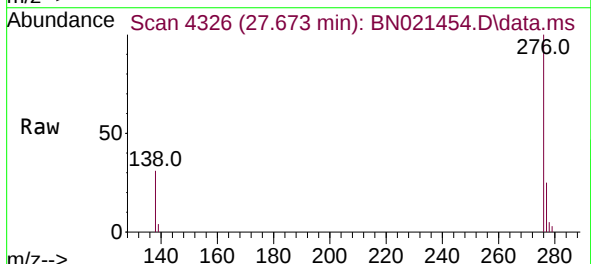
Tgt Ion: 278 Resp: 11454
Ion Ratio Lower Upper
278 100
139 25.3 21.8 32.6
279 26.4 20.4 30.6

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 08/31/2022
Supervised By : Jagrut Upadhyay 08/31/2022



#41
Benzo(g,h,i)perylene
Concen: 0.247 ng
RT: 27.673 min Scan# 4326
Delta R.T. 0.003 min
Lab File: BN021454.D
Acq: 30 Aug 2022 13:40



Tgt Ion: 276 Resp: 11188
Ion Ratio Lower Upper
276 100
277 24.6 19.7 29.5
138 31.0 23.7 35.5

