

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062421\
 Data File : BN015013.D
 Acq On : 23 Jun 2021 17:42
 Operator : CG/JU
 Sample : M2795-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B1GW

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 6/24/2021 9:52:55 AM

Quant Time: Jun 24 01:10:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 23 16:24:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	20288	0.400	ng	# 0.00
7) Naphthalene-d8	10.518	136	89874	0.400	ng	# 0.01
13) Acenaphthene-d10	14.358	164	50973	0.400	ng	0.00
19) Phenanthrene-d10	17.103	188	96416	0.400	ng	0.00
29) Chrysene-d12	21.302	240	86427	0.400	ng	# 0.00
35) Perylene-d12	23.554	264	84796	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.380	112	12127	0.193	ng	0.00
5) Phenol-d6	6.920	99	8390	0.106	ng	0.00
8) Nitrobenzene-d5	8.883	82	26920	0.396	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	55695	0.361	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	10430	0.436	ng	0.00
15) 2-Fluorobiphenyl	12.975	172	80068	0.414	ng	0.00
27) Fluoranthene-d10	19.138	212	107333	0.353	ng	0.00
31) Terphenyl-d14	19.744	244	100484	0.469	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.556	128	872058	3.462	ng	97
12) 2-Methylnaphthalene	12.172	142	44647	0.263	ng	# 92
16) Acenaphthylene	14.079	152	5614	0.022	ng	# 49
17) Acenaphthene	14.422	154	66940	0.425	ng	95
18) Fluorene	15.411	166	45987	0.237	ng	99
24) Pentachlorophenol	16.751	266	1225	0.051	ng	99
25) Phenanthrene	17.140	178	223244	0.759	ng	98
26) Anthracene	17.237	178	33669	0.117	ng	# 87
28) Fluoranthene	19.168	202	103516	0.311	ng	# 96
30) Pyrene	19.535	202	85607	0.250	ng	# 96
32) Benzo(a)anthracene	21.281	228	18798	0.058	ng	# 90
33) Chrysene	21.334	228	18773m	0.060	ng	
34) Bis(2-ethylhexyl)phtha...	21.228	149	54765	0.241	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.813	276	9647	0.034	ng	# 87
37) Benzo(b)fluoranthene	22.876	252	18157	0.057	ng	# 79
38) Benzo(k)fluoranthene	22.920	252	9926	0.032	ng	# 69
39) Benzo(a)pyrene	23.454	252	12755	0.046	ng	# 76
40) Dibenzo(a,h)anthracene	25.830	278	5081	0.022	ng	# 73
41) Benzo(g,h,i)perylene	26.504	276	9301	0.038	ng	# 83

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

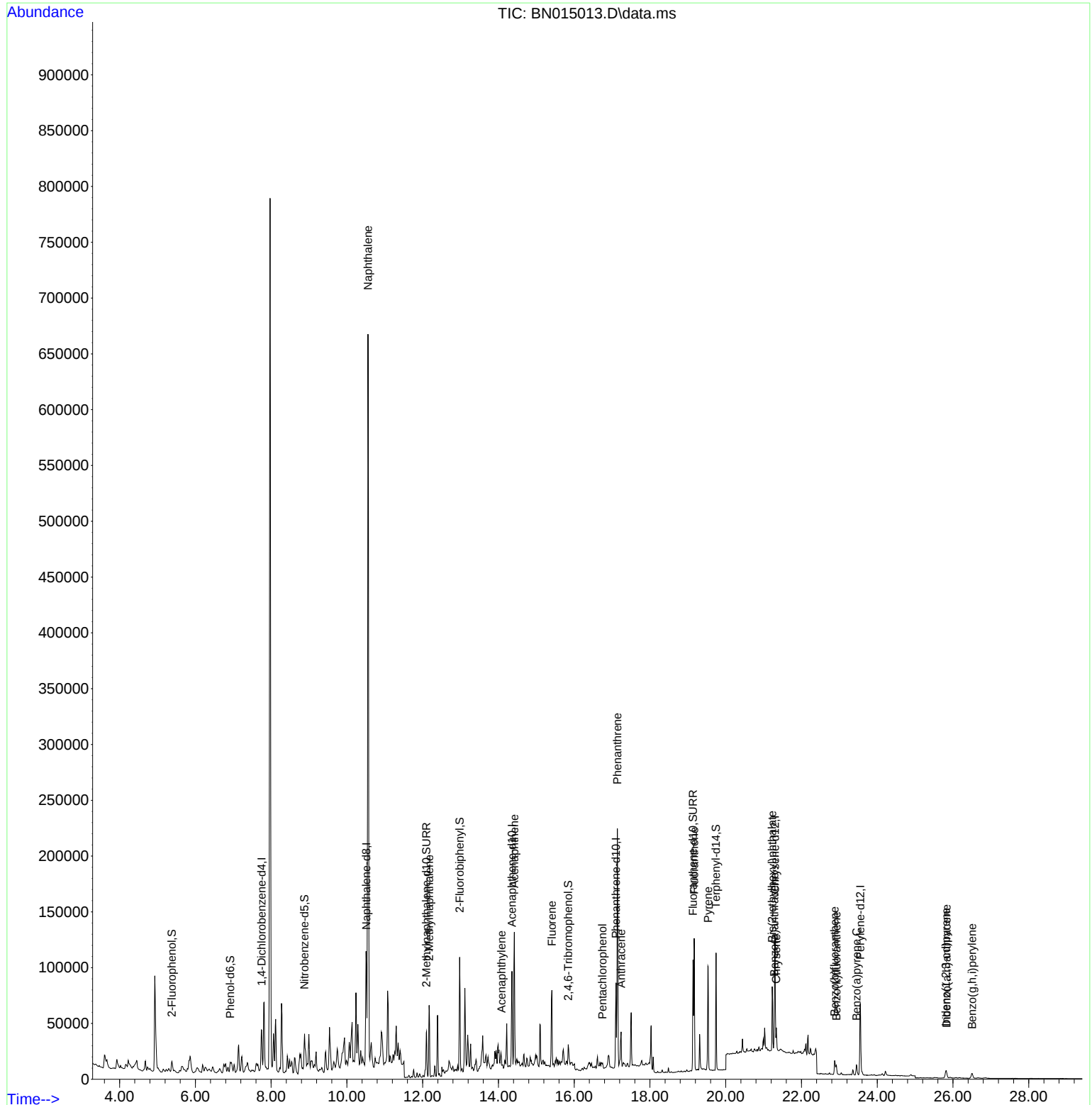
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062421\
Data File : BN015013.D
Acq On : 23 Jun 2021 17:42
Operator : CG/JU
Sample : M2795-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

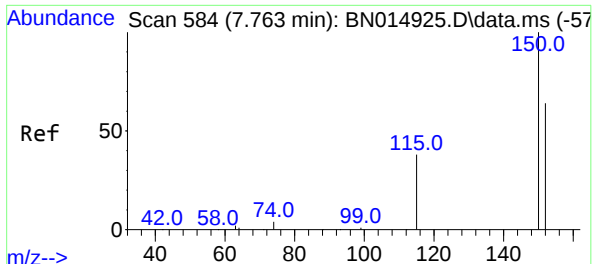
Instrument :
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ClientSampleId :
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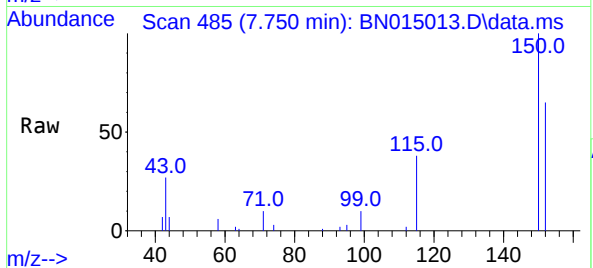
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Quant Time: Jun 24 01:10:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 23 16:24:59 2021
Response via : Initial Calibration

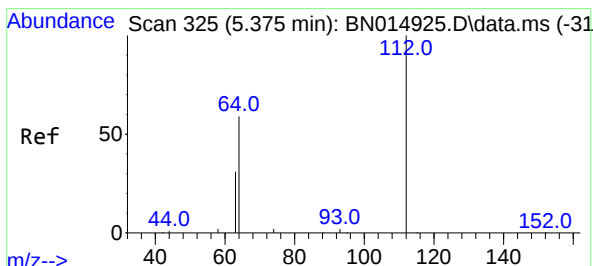
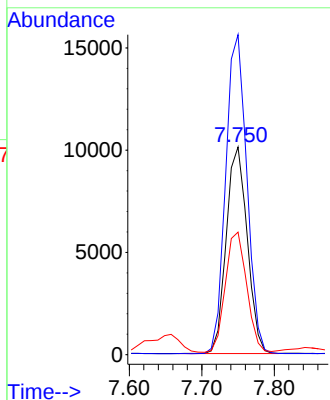
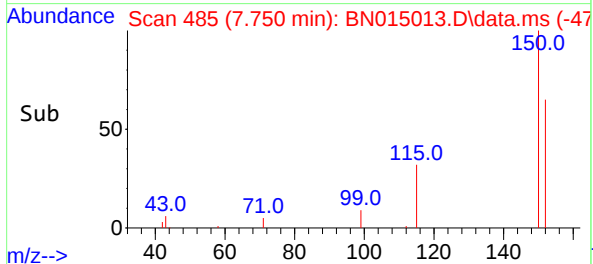




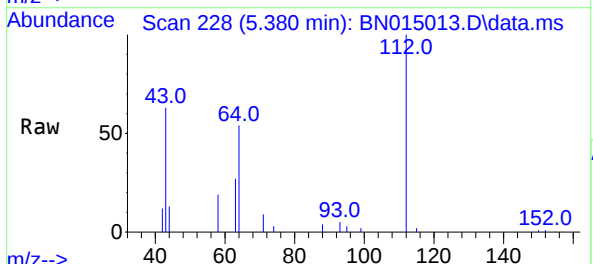
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1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.750 min Scan# 485
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42



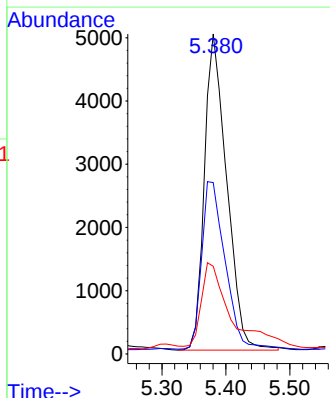
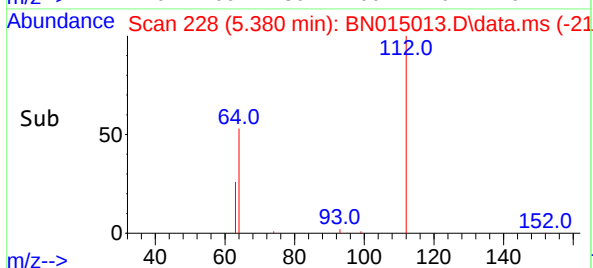
Tgt Ion:152 Resp: 20288
Ion Ratio Lower Upper
152 100
150 154.1 119.0 178.6
115 59.0 62.2 93.4#



#4
2-Fluorophenol
Concen: 0.193 ng
RT: 5.380 min Scan# 228
Delta R.T. 0.009 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42



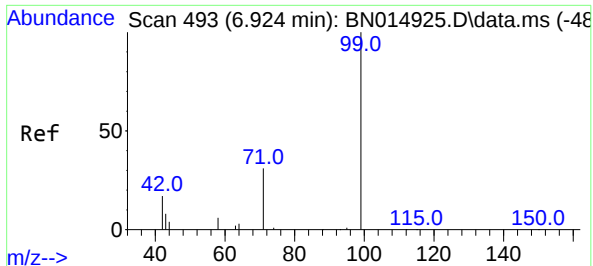
Tgt Ion:112 Resp: 12127
Ion Ratio Lower Upper
112 100
64 55.5 39.0 58.6
63 33.1 20.6 30.8#



Instrument :
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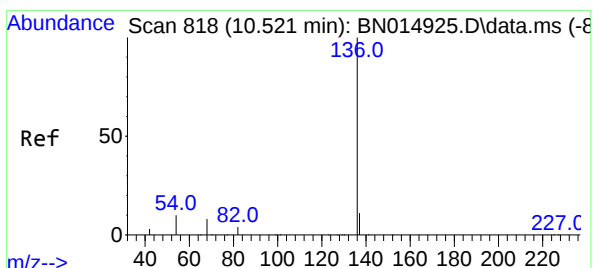
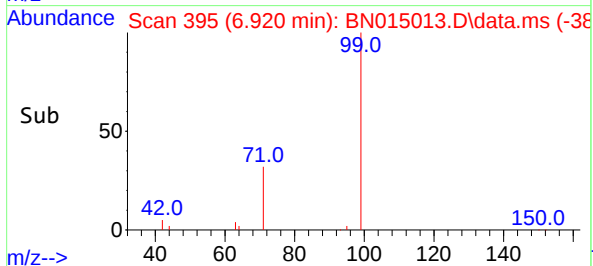
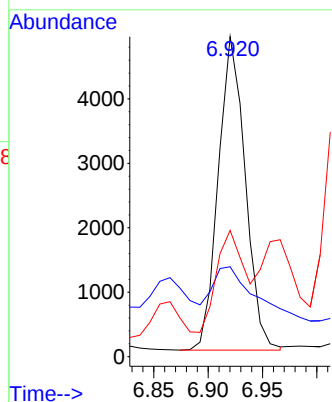
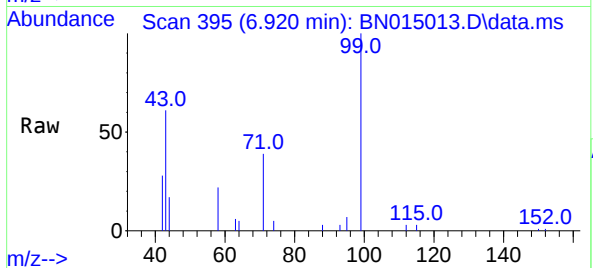
#5
Phenol-d6
Concen: 0.106 ng
RT: 6.920 min Scan# 395
Delta R.T. 0.009 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42

Tgt Ion: 99 Resp: 8390
Ion Ratio Lower Upper
99 100
42 19.4 8.9 13.3#
71 33.7 35.6 53.4#

Instrument :
BNA_N
ClientSampleId :
B1GW

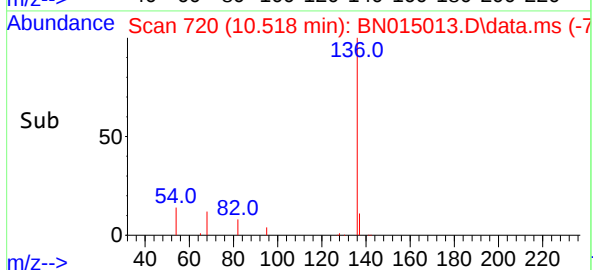
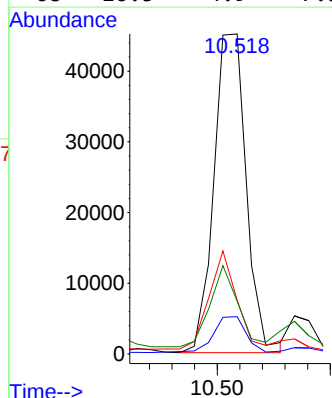
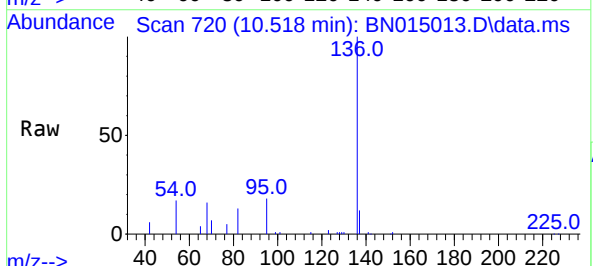
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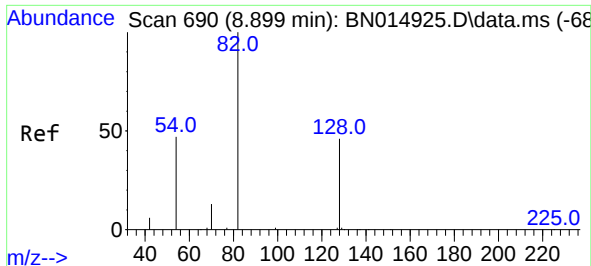
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#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.518 min Scan# 720
Delta R.T. 0.012 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42

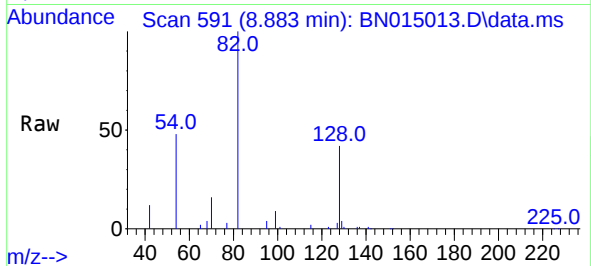
Tgt Ion: 136 Resp: 89874
Ion Ratio Lower Upper
136 100
137 11.6 9.8 14.8
54 16.8 5.4 8.2#
68 16.5 4.9 7.3#





#8
Nitrobenzene-d5
Concen: 0.396 ng
RT: 8.883 min Scan# 591
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42

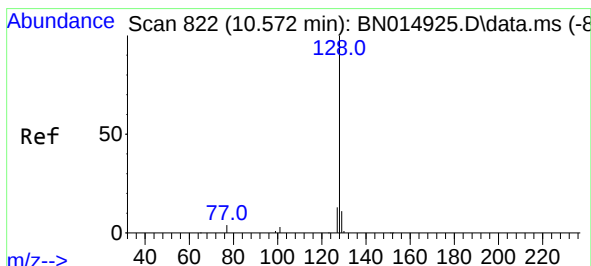
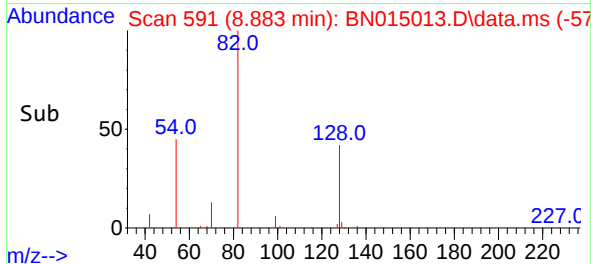
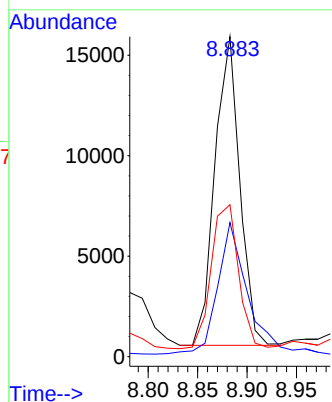
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 82 Resp: 26920
Ion Ratio Lower Upper
82 100
128 41.9 31.6 47.4
54 47.5 29.0 43.4#

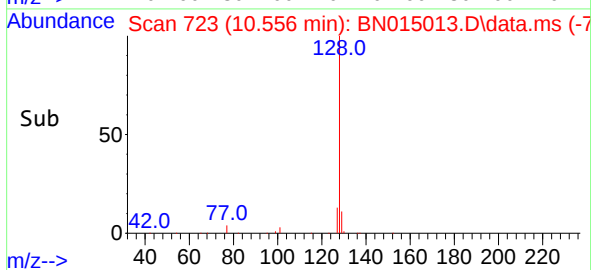
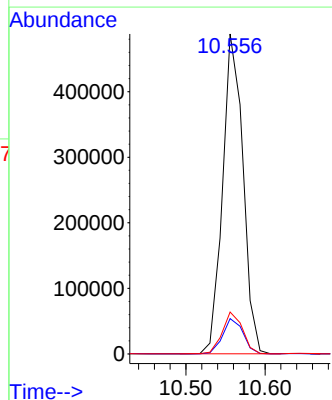
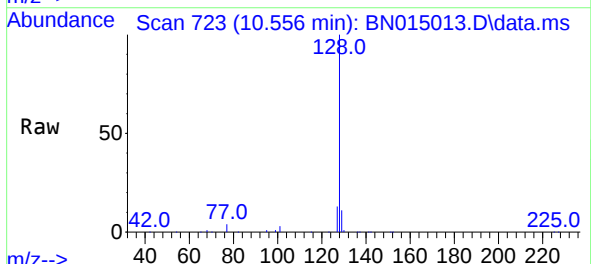
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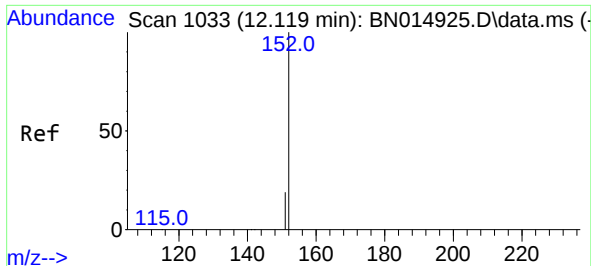
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#9
Naphthalene
Concen: 3.462 ng
RT: 10.556 min Scan# 723
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42

Tgt Ion: 128 Resp: 872058
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.1 11.8 17.6





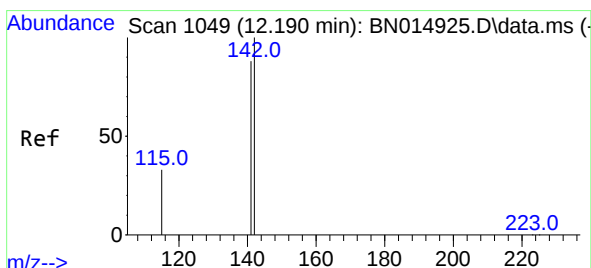
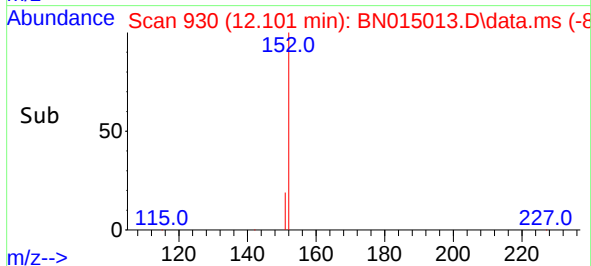
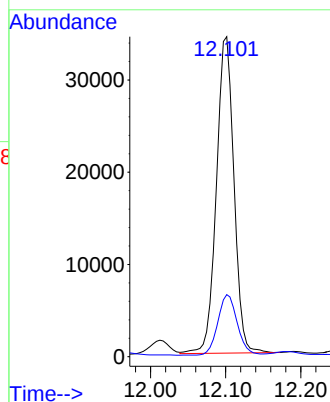
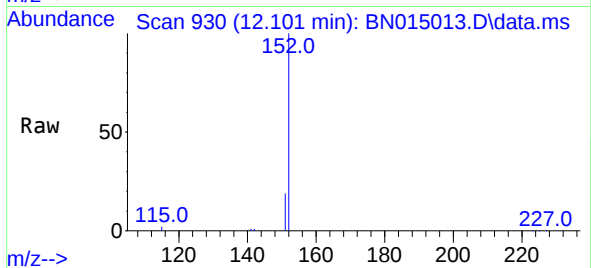
#11
2-Methylnaphthalene-d10
Concen: 0.361 ng
RT: 12.101 min Scan# 930
Delta R.T. 0.004 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42

Tgt Ion:152 Resp: 55695
Ion Ratio Lower Upper
152 100
151 21.3 16.7 25.1

Instrument :
BNA_N
ClientSampleId :
B1GW

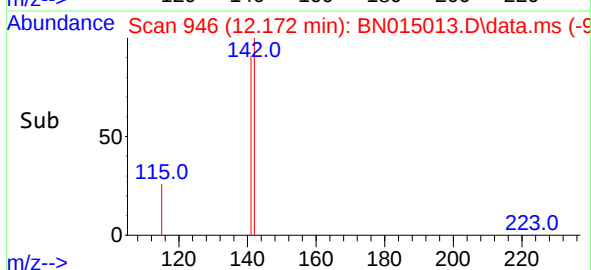
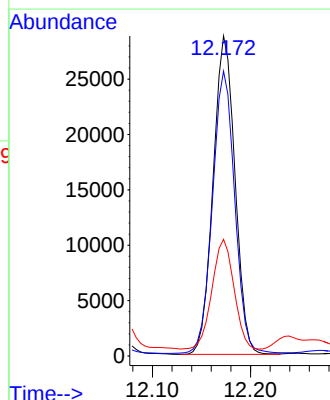
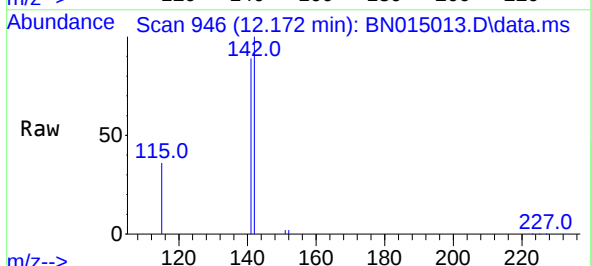
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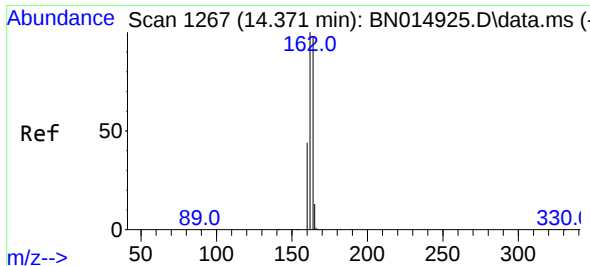
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#12
2-Methylnaphthalene
Concen: 0.263 ng
RT: 12.172 min Scan# 946
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42

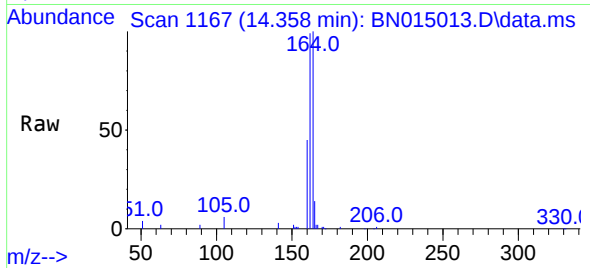
Tgt Ion:142 Resp: 44647
Ion Ratio Lower Upper
142 100
141 89.0 72.3 108.5
115 36.5 40.7 61.1#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.358 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42

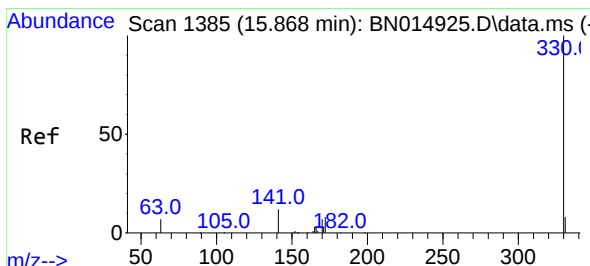
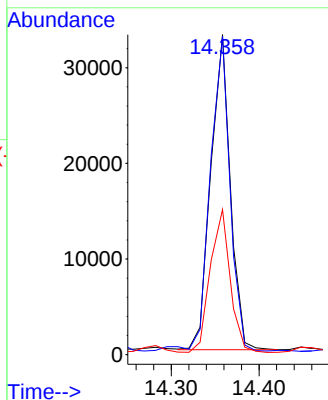
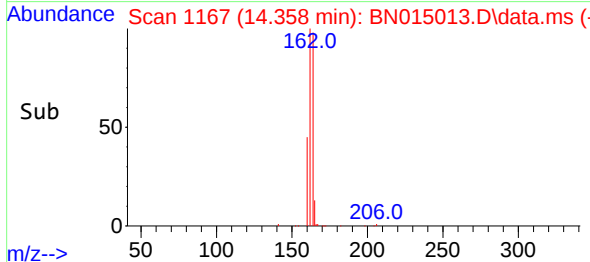
Instrument :
BNA_N
ClientSampleId :
B1GW



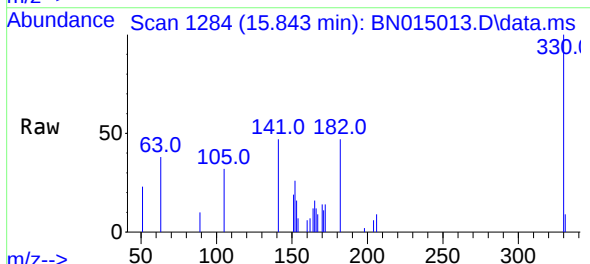
Tgt Ion:164 Resp: 50973
Ion Ratio Lower Upper
164 100
162 99.5 83.8 125.6
160 45.4 37.4 56.0

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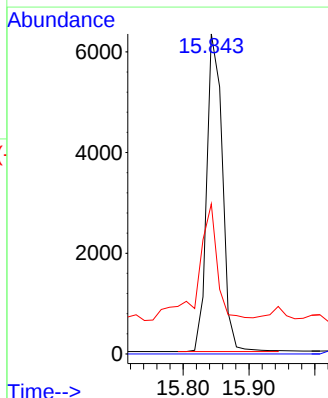
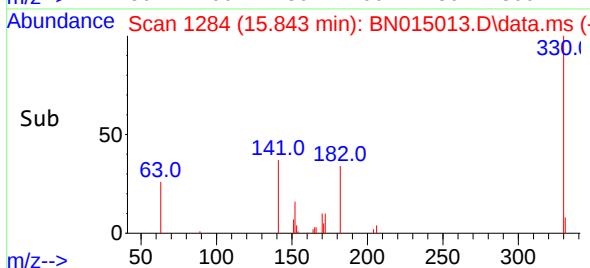
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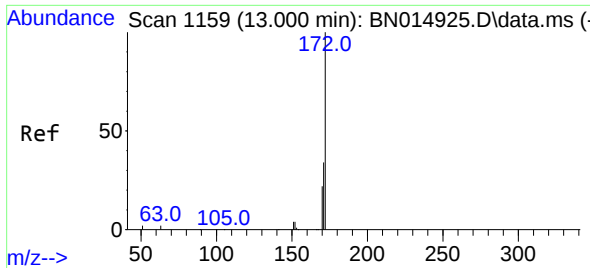


#14
2,4,6-Tribromophenol
Concen: 0.436 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42



Tgt Ion:330 Resp: 10430
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.7 22.4 33.6#





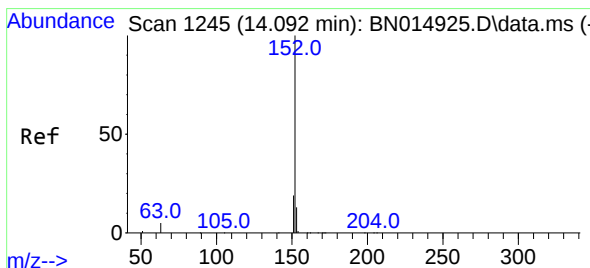
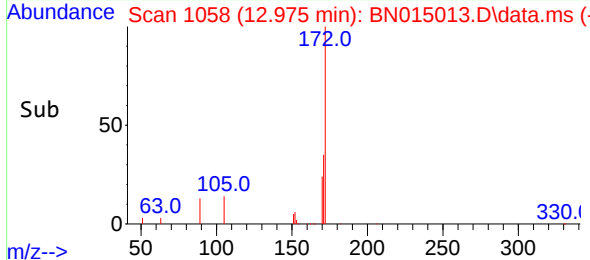
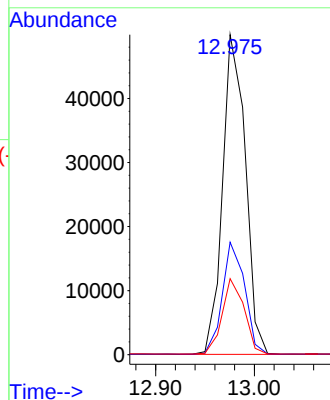
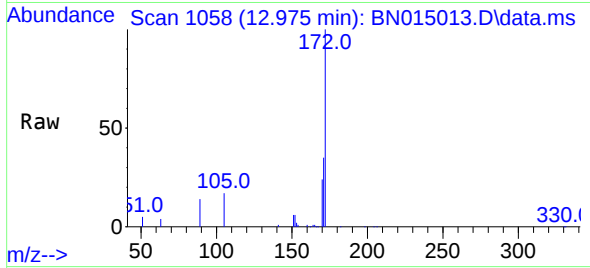
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.975 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42

Tgt Ion:172 Resp: 80068
Ion Ratio Lower Upper
172 100
171 35.1 30.6 45.8
170 23.8 20.2 30.4

Instrument :
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ClientSampled :
B1GW

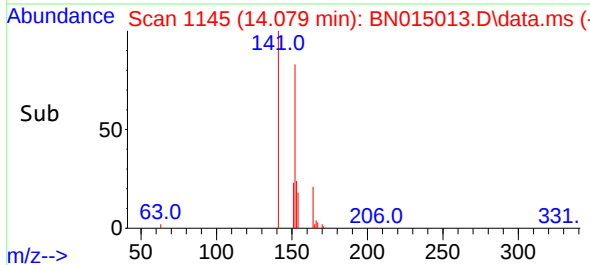
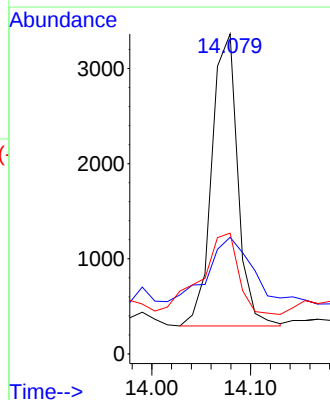
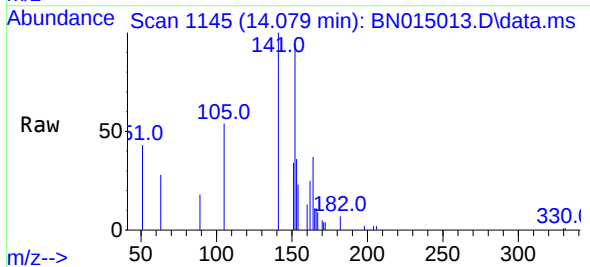
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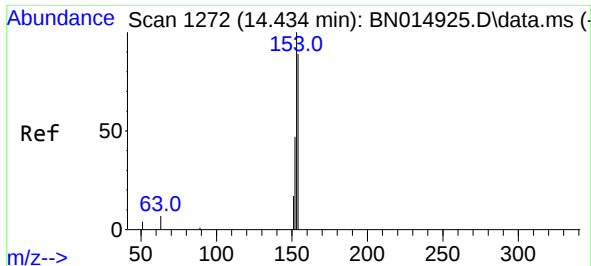
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#16
Acenaphthylene
Concen: 0.022 ng
RT: 14.079 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42

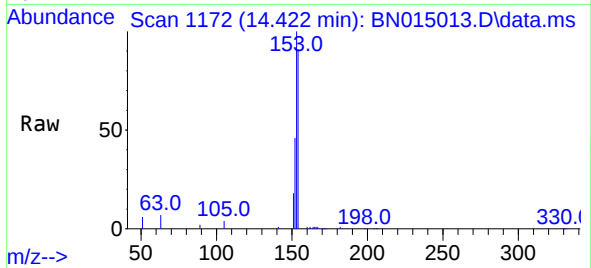
Tgt Ion:152 Resp: 5614
Ion Ratio Lower Upper
152 100
151 39.8 16.7 25.1#
153 40.2 10.5 15.7#





#17
Acenaphthene
Concen: 0.425 ng
RT: 14.422 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42

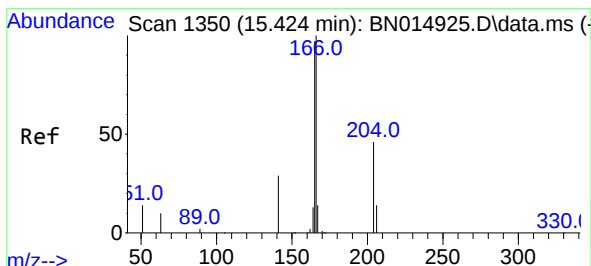
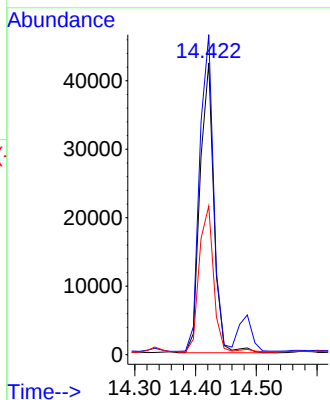
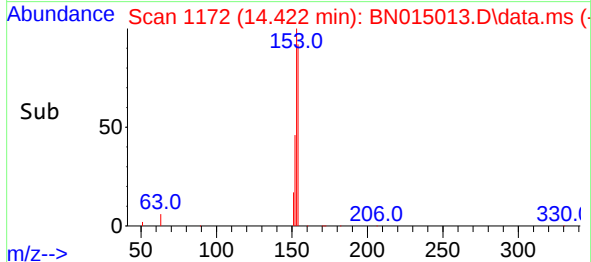
Instrument :
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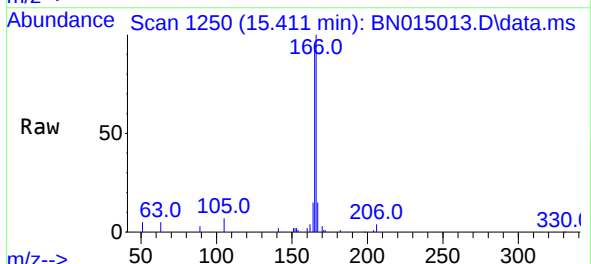
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Ion Ratio Lower Upper
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152 51.9 45.8 68.8

Manual Integrations
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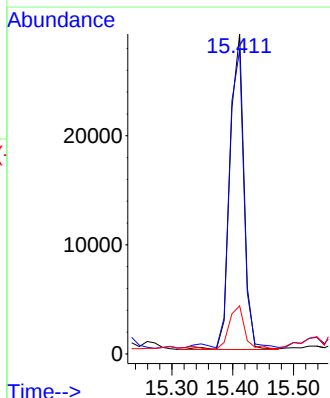
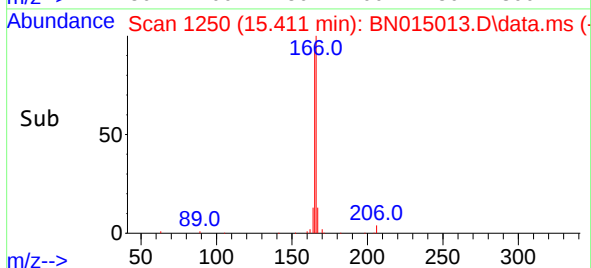
mohammad
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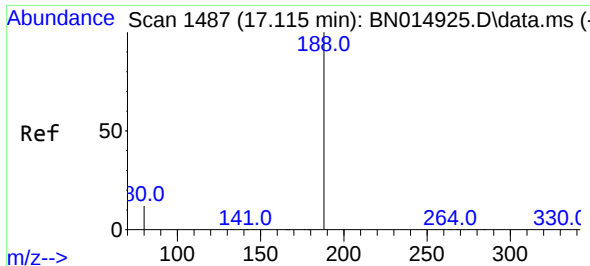


#18
Fluorene
Concen: 0.237 ng
RT: 15.411 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42



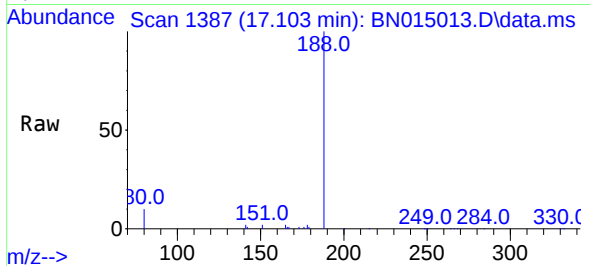
Tgt Ion:166 Resp: 45987
Ion Ratio Lower Upper
166 100
165 98.6 79.2 118.8
167 15.6 10.7 16.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.103 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42

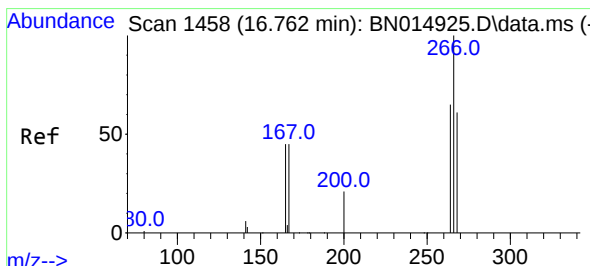
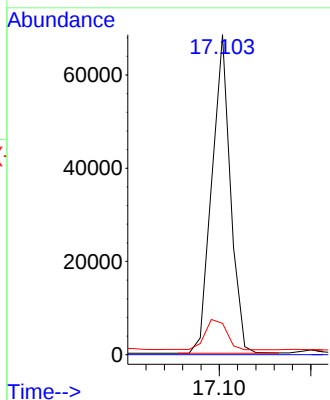
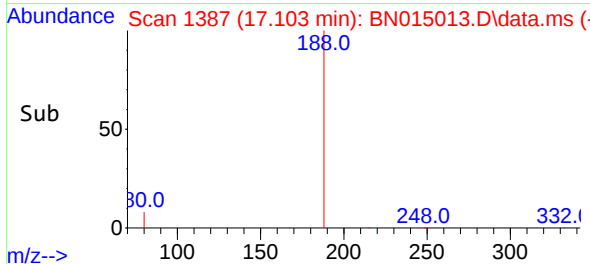
Instrument :
BNA_N
ClientSampleId :
B1GW



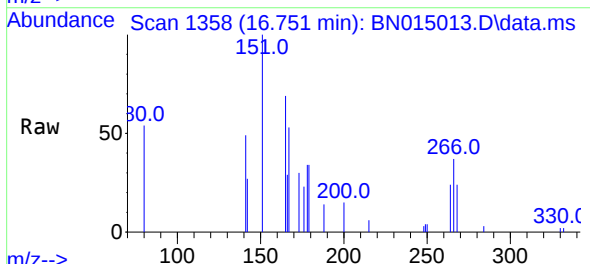
Tgt Ion:188 Resp: 96416
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 9.0 13.4

Manual Integrations
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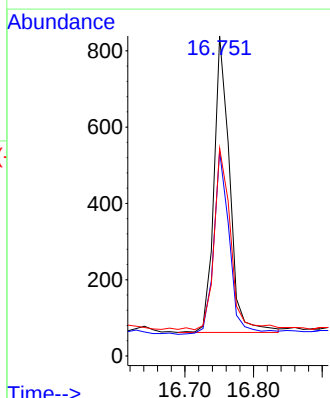
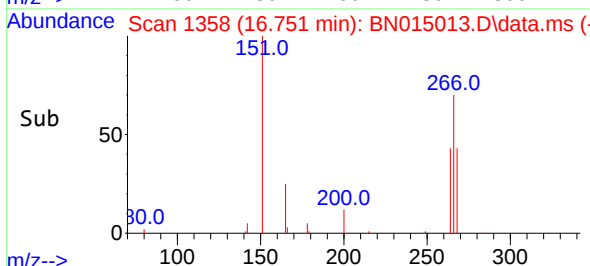
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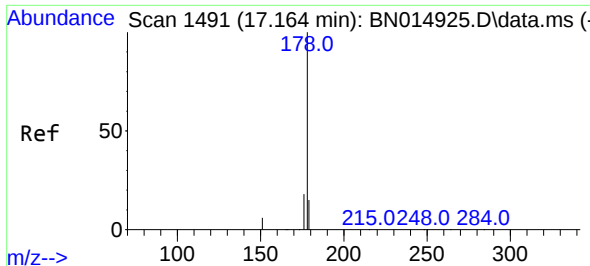


#24
Pentachlorophenol
Concen: 0.051 ng
RT: 16.751 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42



Tgt Ion:266 Resp: 1225
Ion Ratio Lower Upper
266 100
264 62.1 51.0 76.4
268 63.9 50.6 76.0





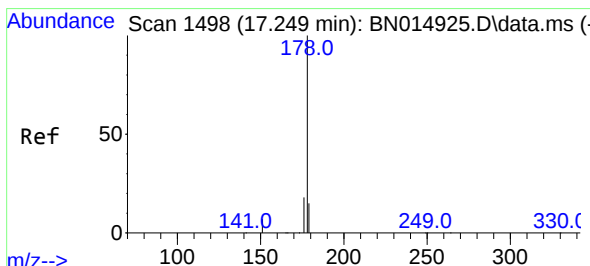
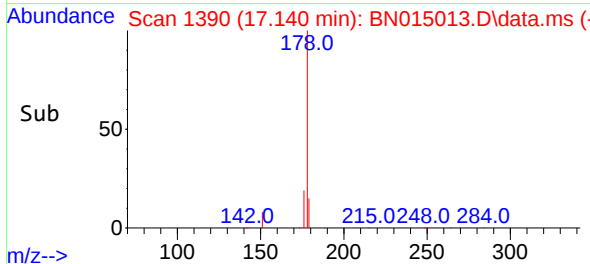
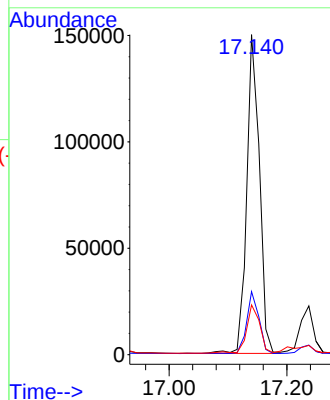
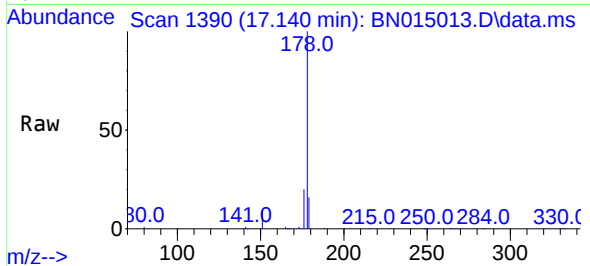
#25
Phenanthrene
Concen: 0.759 ng
RT: 17.140 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42

Tgt Ion:178 Resp: 223244
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 16.0 12.1 18.1

Instrument :
BNA_N
ClientSampleId :
B1GW

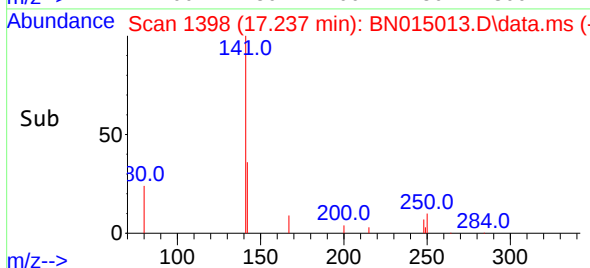
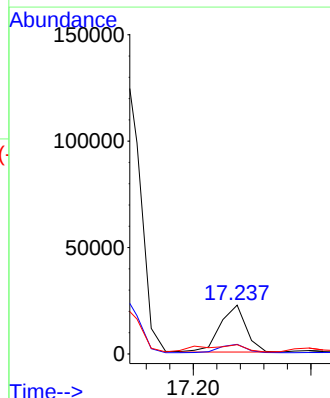
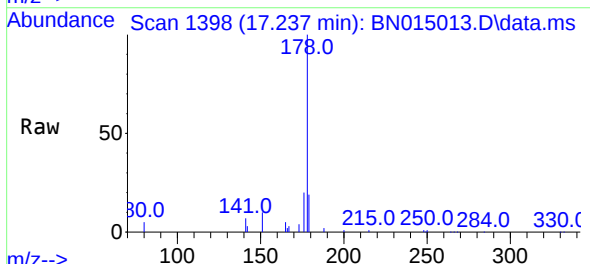
Manual Integrations
APPROVED

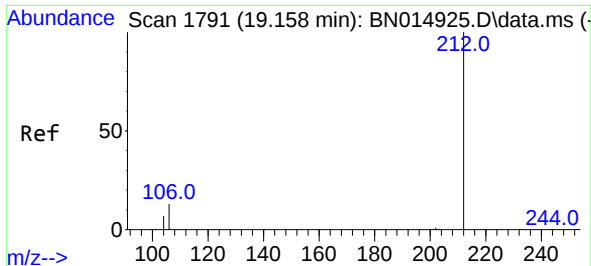
mohammad
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#26
Anthracene
Concen: 0.117 ng
RT: 17.237 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42

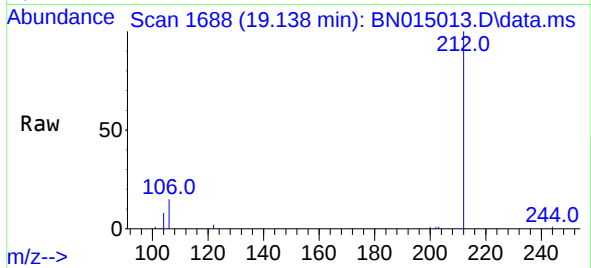
Tgt Ion:178 Resp: 33669
Ion Ratio Lower Upper
178 100
176 18.1 15.1 22.7
179 26.7 12.2 18.2#





#27
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.138 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42

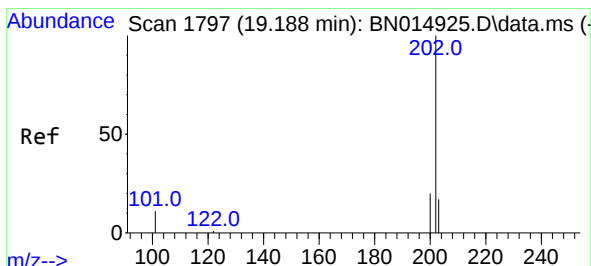
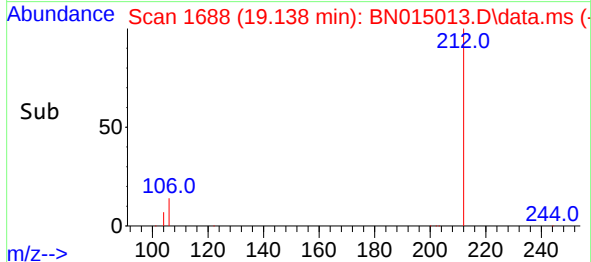
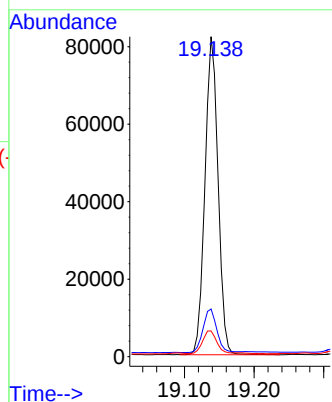
Instrument :
BNA_N
ClientSampleId :
B1GW



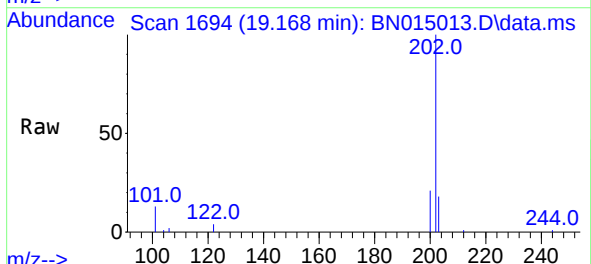
Tgt Ion:212 Resp: 107333
Ion Ratio Lower Upper
212 100
106 14.3 7.0 10.6#
104 7.7 4.1 6.1#

Manual Integrations
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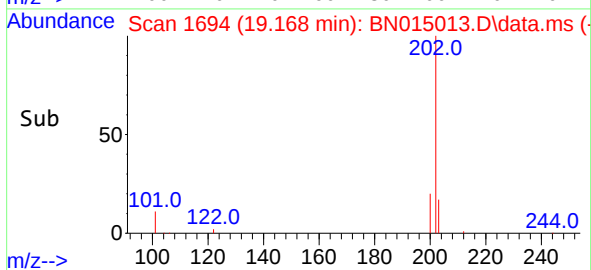
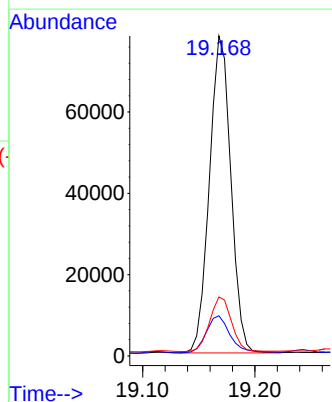
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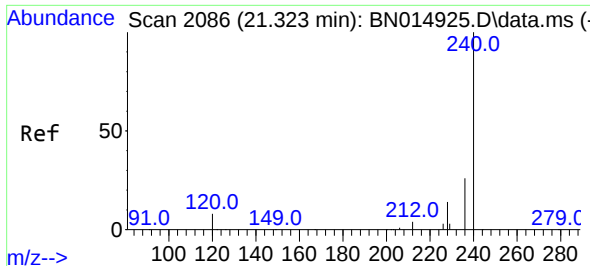


#28
Fluoranthene
Concen: 0.311 ng
RT: 19.168 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42



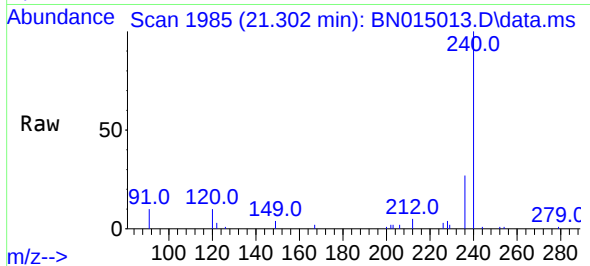
Tgt Ion:202 Resp: 103516
Ion Ratio Lower Upper
202 100
101 13.1 6.6 10.0#
203 17.4 13.9 20.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.302 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42

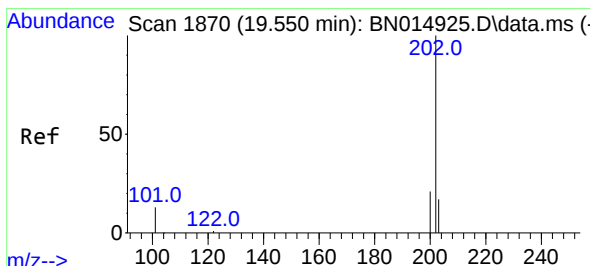
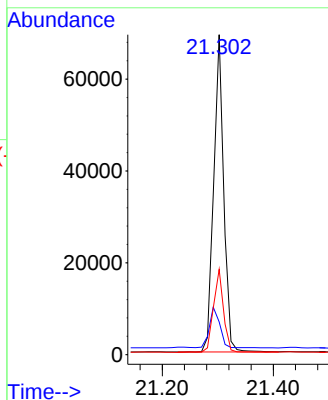
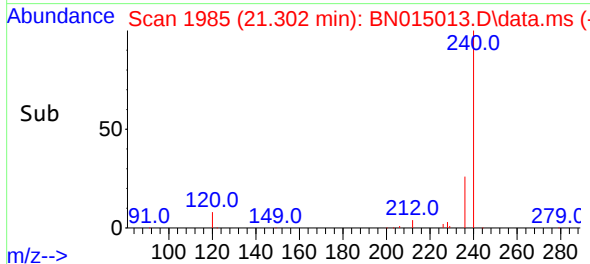
Instrument :
BNA_N
ClientSampleId :
B1GW



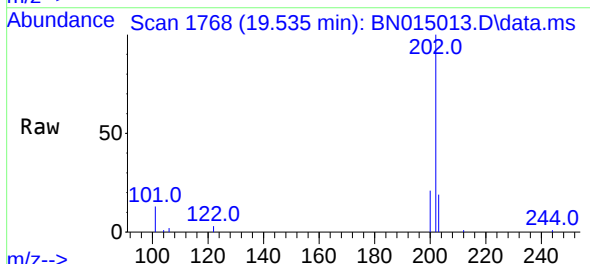
Tgt Ion:240 Resp: 86427
Ion Ratio Lower Upper
240 100
120 10.2 4.2 6.4#
236 26.6 21.4 32.2

Manual Integrations
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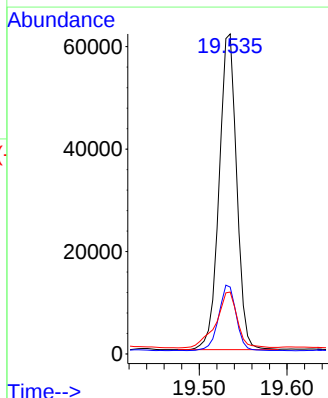
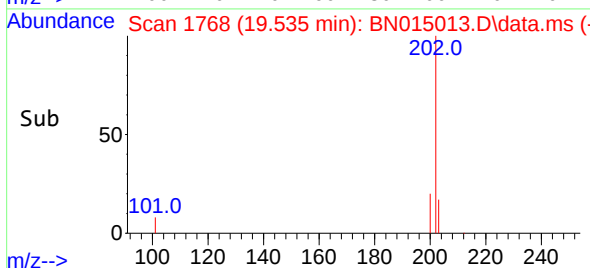
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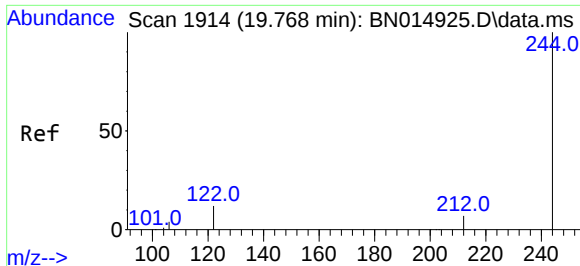


#30
Pyrene
Concen: 0.250 ng
RT: 19.535 min Scan# 1768
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42



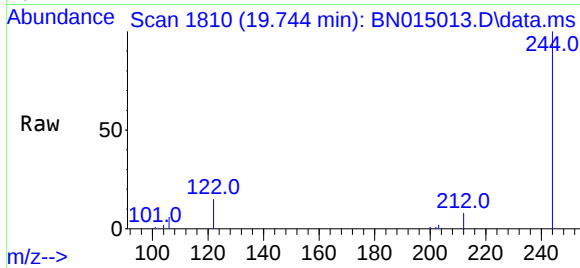
Tgt Ion:202 Resp: 85607
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 21.4 13.9 20.9#





#31
Terphenyl-d14
Concen: 0.469 ng
RT: 19.744 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42

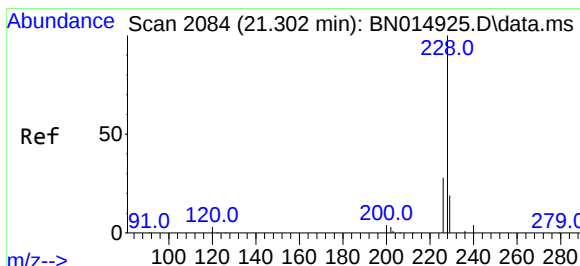
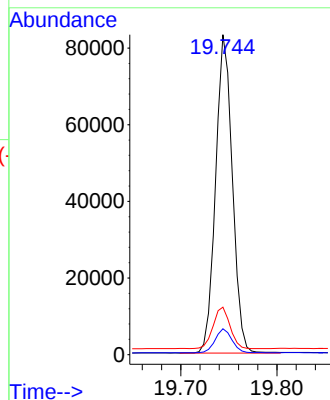
Instrument :
BNA_N
ClientSampleId :
B1GW



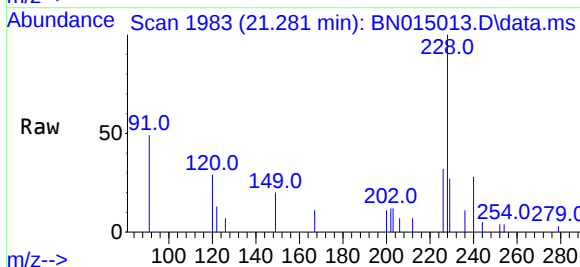
Tgt Ion:244 Resp: 100484
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 14.9 6.2 9.2#

Manual Integrations
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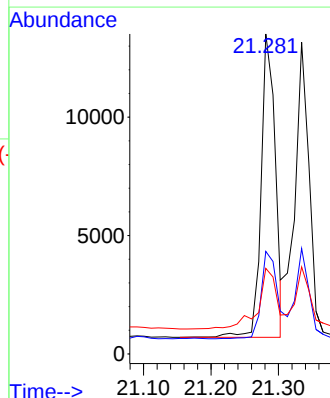
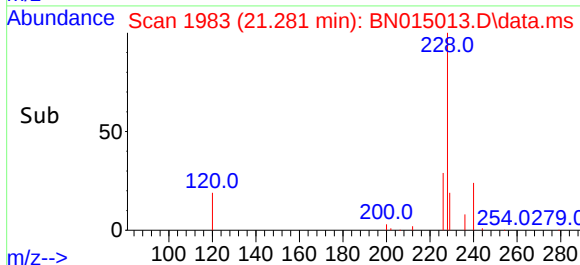
mohammad
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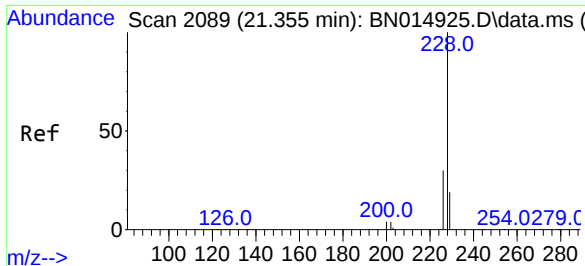


#32
Benzo(a)anthracene
Concen: 0.058 ng
RT: 21.281 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42



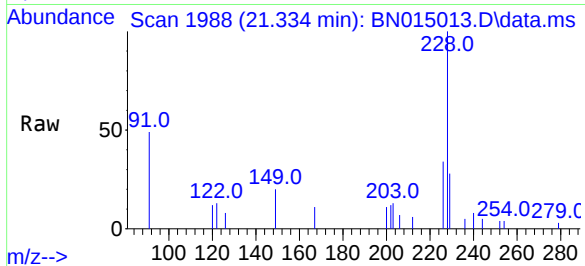
Tgt Ion:228 Resp: 18798
Ion Ratio Lower Upper
228 100
226 32.1 23.0 34.6
229 26.7 15.7 23.5#





#33
Chrysene
Concen: 0.060 ng m
RT: 21.334 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42

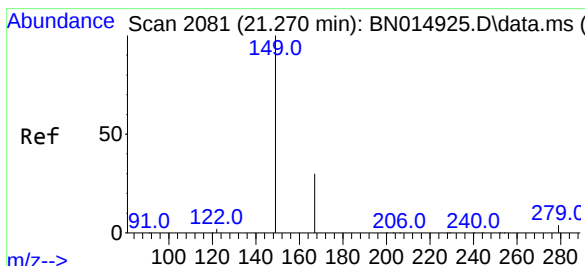
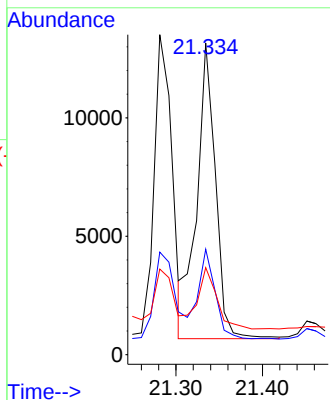
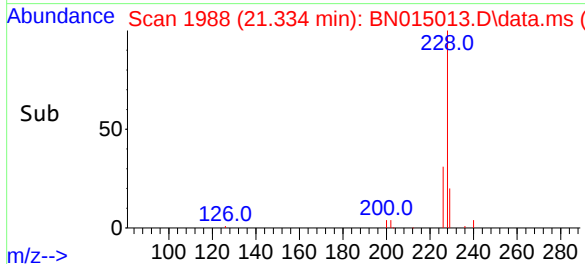
Instrument :
BNA_N
ClientSampleId :
B1GW



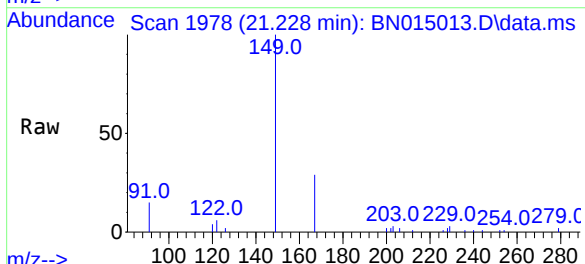
Tgt Ion:228 Resp: 18773
Ion Ratio Lower Upper
228 100
226 33.8 25.0 37.6
229 28.0 15.9 23.9#

Manual Integrations
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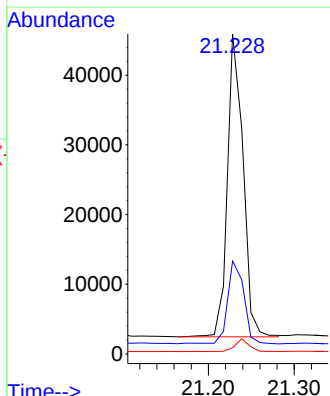
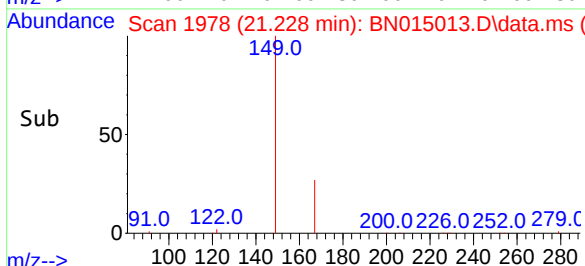
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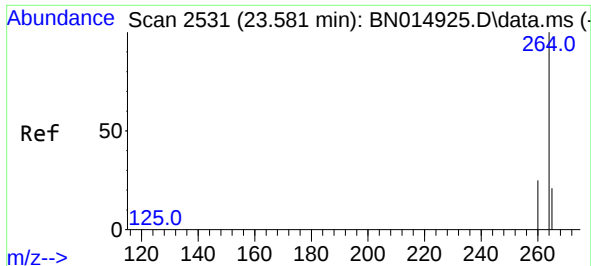


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.241 ng
RT: 21.228 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42



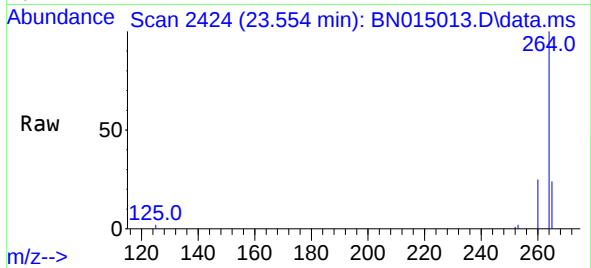
Tgt Ion:149 Resp: 54765
Ion Ratio Lower Upper
149 100
167 28.5 28.9 43.3#
279 3.8 4.9 7.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.554 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42

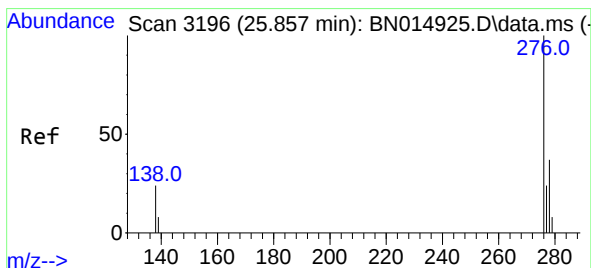
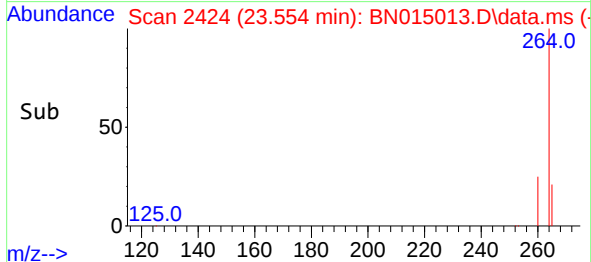
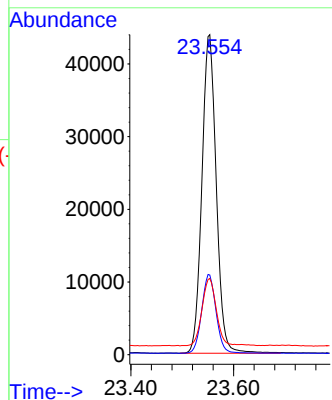
Instrument :
BNA_N
ClientSampled :
B1GW



Tgt Ion:264 Resp: 84796
Ion Ratio Lower Upper
264 100
260 24.9 20.6 31.0
265 23.8 21.4 32.2

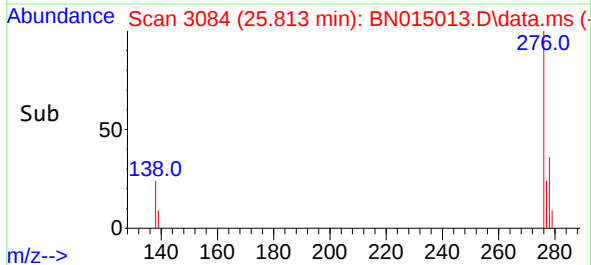
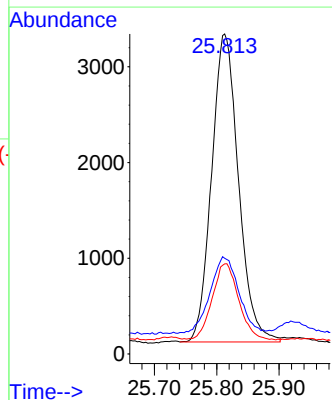
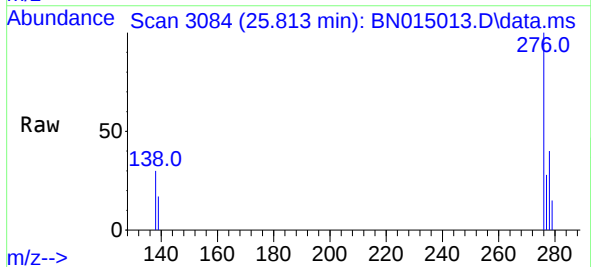
Manual Integrations
APPROVED

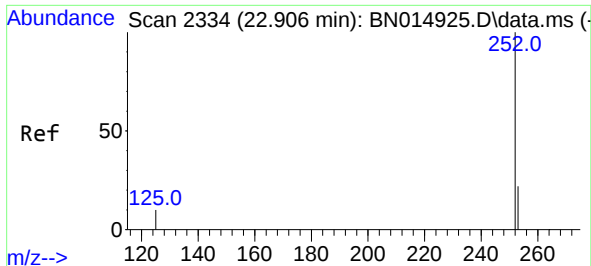
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#36
Indeno(1,2,3-cd)pyrene
Concen: 0.034 ng
RT: 25.813 min Scan# 3084
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42

Tgt Ion:276 Resp: 9647
Ion Ratio Lower Upper
276 100
138 26.5 10.0 15.0#
277 24.4 20.4 30.6





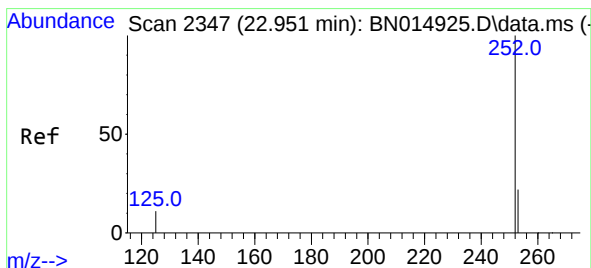
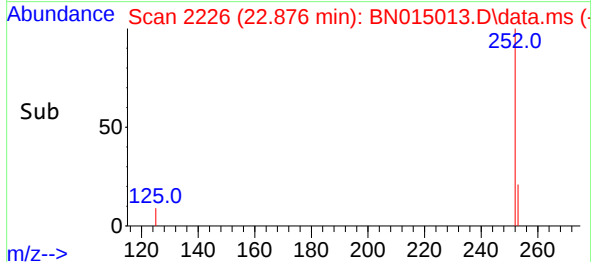
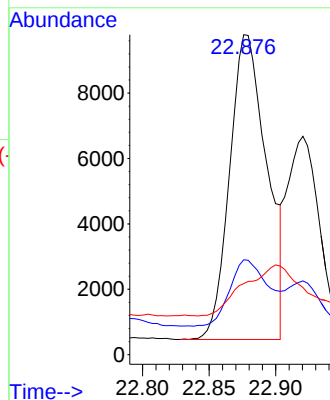
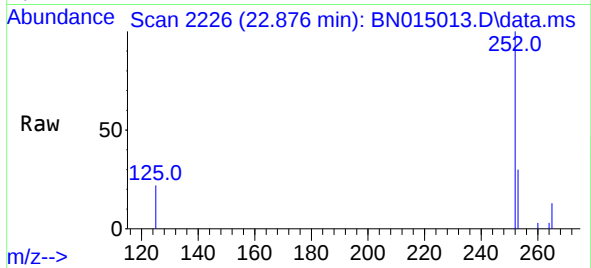
#37
Benzo(b)fluoranthene
Concen: 0.057 ng
RT: 22.876 min Scan# 2226
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.6	18.5	27.7#
125	22.2	5.8	8.6#

Instrument :
BNA_N
ClientSampleId :
B1GW

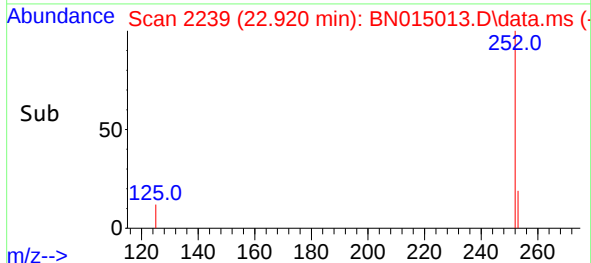
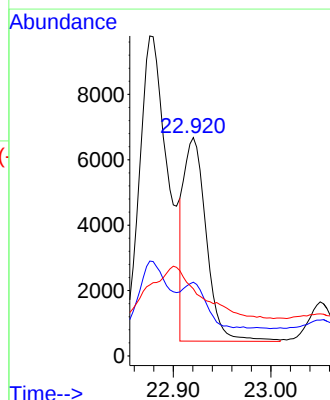
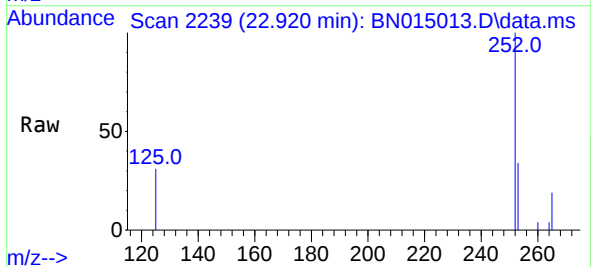
Manual Integrations
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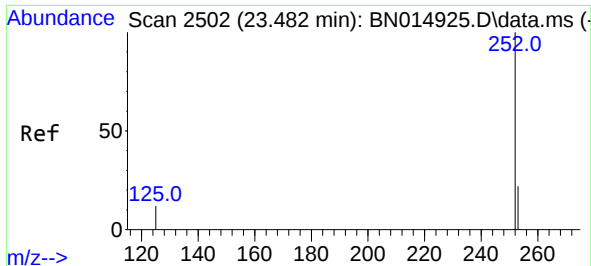
mohammad
6/24/2021 9:52:55 AM



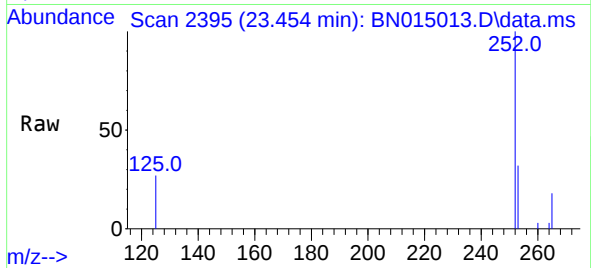
#38
Benzo(k)fluoranthene
Concen: 0.032 ng
RT: 22.920 min Scan# 2239
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.7	19.1	28.7#
125	30.7	5.4	8.0#

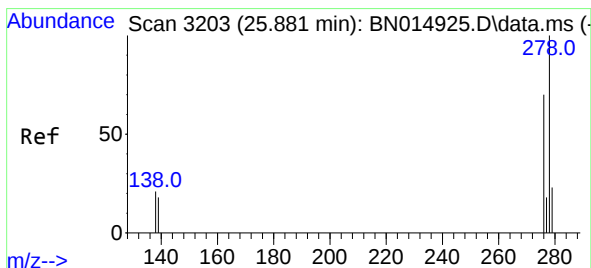
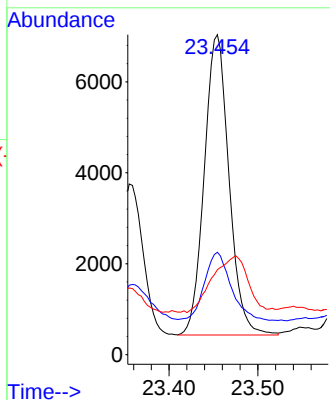
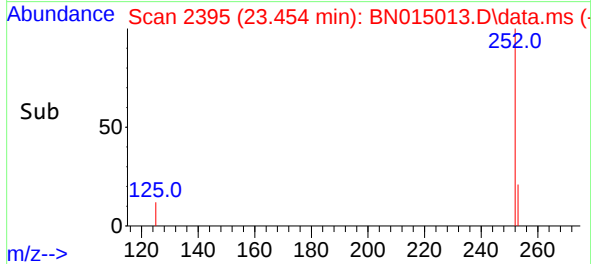




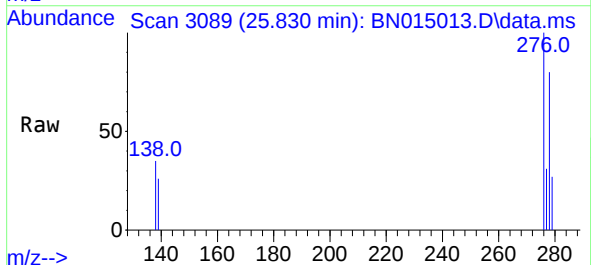
#39
Benzo(a)pyrene
Concen: 0.046 ng
RT: 23.454 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42



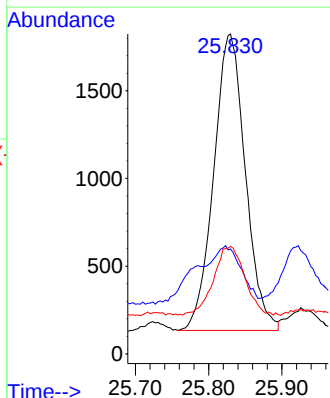
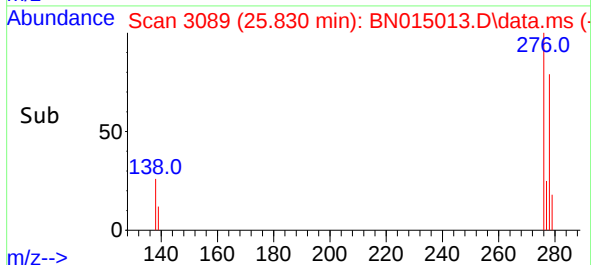
Tgt Ion:252 Resp: 12755
Ion Ratio Lower Upper
252 100
253 32.0 19.4 29.2#
125 26.5 7.4 11.2#



#40
Dibenzo(a,h)anthracene
Concen: 0.022 ng
RT: 25.830 min Scan# 3089
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42



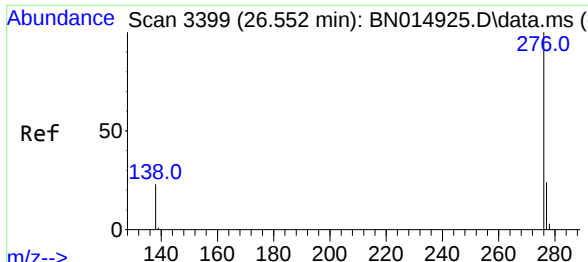
Tgt Ion:278 Resp: 5081
Ion Ratio Lower Upper
278 100
139 32.8 9.0 13.4#
279 33.6 21.0 31.4#



Instrument :
BNA_N
ClientSampleId :
B1GW

Manual Integrations
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#41
Benzo(g,h,i)perylene
Concen: 0.038 ng
RT: 26.504 min Scan# 3286
Delta R.T. -0.000 min
Lab File: BN015013.D
Acq: 23 Jun 2021 17:42

Tgt Ion:	276	Resp:	9301
Ion	Ratio	Lower	Upper
276	100		
277	26.8	19.7	29.5
138	28.3	9.8	14.6#

Instrument :
BNA_N
ClientSampleId :
B1GW

Manual Integrations
APPROVED

mohammad
6/24/2021 9:52:55 AM

